

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037633.D
 Acq On : 29 Oct 2018 21:45
 Operator : JU/SJ
 Sample : J5665-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 04:48:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	64269	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	294631	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	193986	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	442436	20.00	ng	0.00
76) Chrysene-d12	21.77	240	376528	20.00	ng	0.00
87) Perylene-d12	25.10	264	394662	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	597113	155.33	ng	0.00
7) Phenol-d6	7.25	99	879956	151.38	ng	0.00
23) Nitrobenzene-d5	9.28	82	524589	99.74	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	314851	148.81	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1197883	93.12	ng	0.00
79) Terphenyl-d14	20.08	244	1605782	91.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	49750	25.519	ng	95
3) Pyridine	3.83	79	67	0.014	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	72851	41.626	ng	# 99
6) Aniline	7.52	93	179673	25.337	ng	# 53
8) 2-Chlorophenol	7.66	128	193857	43.107	ng	100
9) Benzaldehyde	7.24	77	115336	31.719	ng	98
10) Phenol	7.28	94	323252	52.705	ng	100
11) bis(2-Chloroethyl)ether	7.52	93	179673	38.572	ng	95
12) 1,3-Dichlorobenzene	7.99	146	182948	36.542	ng	96
13) 1,4-Dichlorobenzene	8.14	146	189844	37.070	ng	99
14) 1,2-Dichlorobenzene	8.46	146	182403	37.026	ng	99
15) Benzyl Alcohol	8.34	79	181258	42.201	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	332977	39.950	ng	97
17) 2-Methylphenol	8.54	107	176561	43.544	ng	98
18) Hexachloroethane	9.19	117	67362	38.583	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	155718	38.902	ng	94
20) 3+4-Methylphenols	8.86	107	252986	43.639	ng	99
22) Acetophenone	8.93	105	293828	39.764	ng	# 96
24) Nitrobenzene	9.32	77	220449	40.347	ng	96
25) Isophorone	9.84	82	455298	47.378	ng	98
26) 2-Nitrophenol	10.03	139	111484	45.293	ng	99
27) 2,4-Dimethylphenol	10.07	122	191388	43.549	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	270075	42.895	ng	96
29) 2,4-Dichlorophenol	10.56	162	215737	44.089	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	207393	38.975	ng	99
31) Naphthalene	10.97	128	616768	42.619	ng	99
32) Benzoic acid	10.15	122	20081	7.035	ng	94
33) 4-Chloroaniline	11.09	127	28134	4.138	ng	97
34) Hexachlorobutadiene	11.24	225	119586	37.919	ng	97
35) Caprolactam	11.87	113	21126	10.765	ng	97
36) 4-Chloro-3-methylphenol	12.18	107	241901	43.835	ng	98
37) 2-Methylnaphthalene	12.57	142	481415	45.635	ng	99
38) 1-Methylnaphthalene	12.79	142	455750	44.486	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	241294	38.563	ng	99

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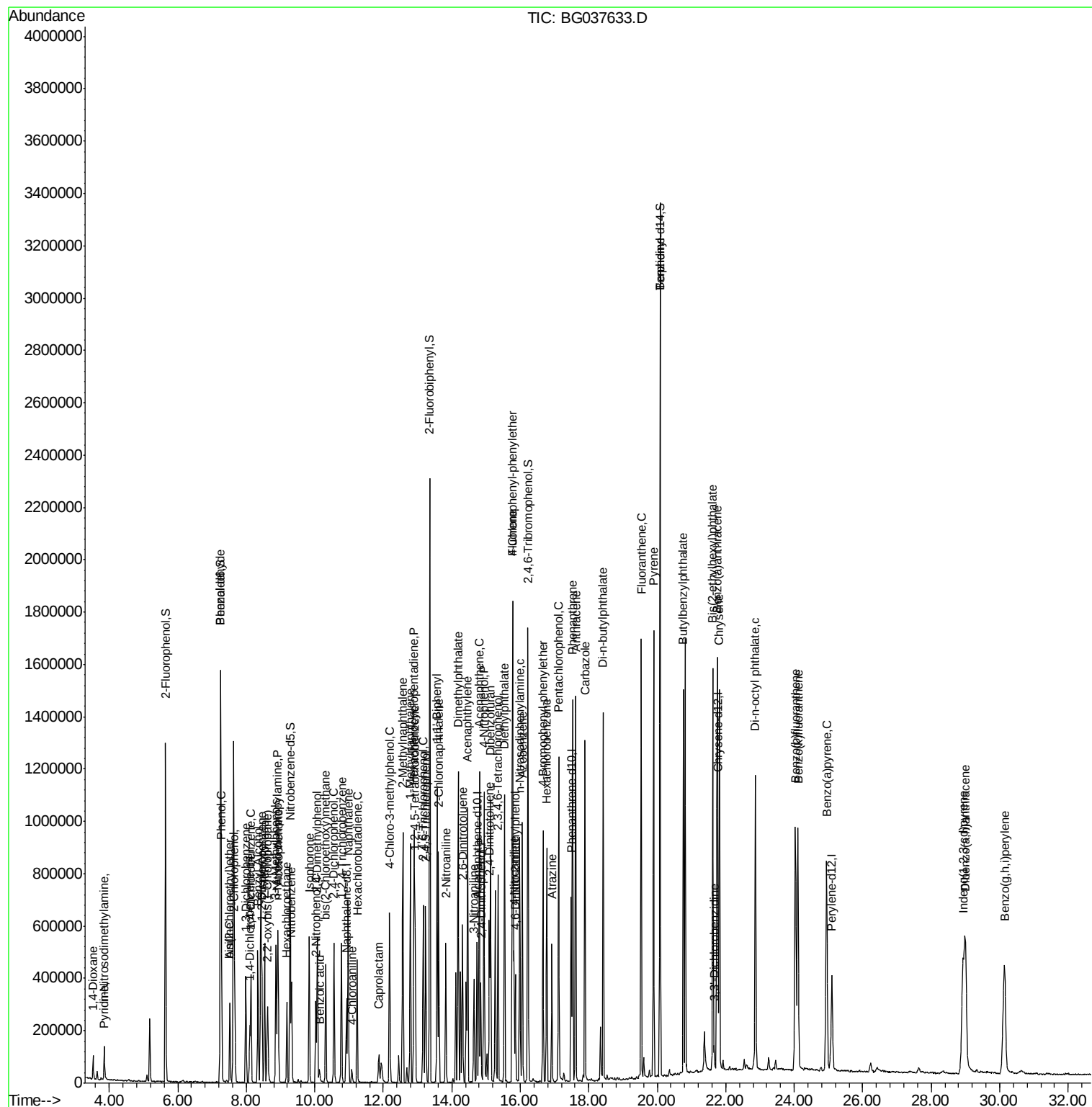
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	291777	97.622	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	183900	43.992	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	199172	43.761	ng	97
46) 1,1'-Biphenyl	13.57	154	614000	38.219	ng	99
47) 2-Chloronaphthalene	13.62	162	482462	39.695	ng	97
48) 2-Nitroaniline	13.83	65	164578	44.652	ng	95
49) Acenaphthylene	14.46	152	801128	43.818	ng	99
50) Dimethylphthalate	14.19	163	823683	54.886	ng	100
51) 2,6-Dinitrotoluene	14.32	165	143224	43.141	ng	96
52) Acenaphthene	14.80	154	471188	41.846	ng	99
53) 3-Nitroaniline	14.65	138	108519	29.445	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	99575	72.233	ng	95
55) Dibenzofuran	15.13	168	748299	40.111	ng	98
56) 4-Nitrophenol	14.95	139	323294	118.509	ng	100
57) 2,4-Dinitrotoluene	15.10	165	199185	45.707	ng	98
58) Fluorene	15.78	166	600200	42.962	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	173308	44.474	ng	99
60) Diethylphthalate	15.54	149	635924	41.275	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	316603	38.881	ng	98
62) 4-Nitroaniline	15.82	138	149482	40.818	ng	93
63) Azobenzene	16.06	77	610178	41.508	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	98828	43.530	ng	99
66) n-Nitrosodiphenylamine	15.99	169	377416	28.359	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	199657	41.093	ng	97
68) Hexachlorobenzene	16.77	284	198959	39.511	ng	97
69) Atrazine	16.93	200	96119	19.976	ng	98
70) Pentachlorophenol	17.12	266	240392	71.270	ng	95
71) Phenanthrene	17.52	178	964926	42.912	ng	98
72) Anthracene	17.62	178	968411	43.885	ng	97
73) Carbazole	17.89	167	892969	40.455	ng	99
74) Di-n-butylphthalate	18.42	149	1048166	42.687	ng	99
75) Fluoranthene	19.53	202	1089050	42.702	ng	98
77) Benzidine	20.08	184	28234	2.205	ng	# 95
78) Pyrene	19.89	202	1090731	44.313	ng	98
80) Butylbenzylphthalate	20.76	149	474622	47.115	ng	98
81) Benzo(a)anthracene	21.75	228	1002051	44.993	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	35357	4.096	ng	98
83) Chrysene	21.82	228	932514	43.544	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	656541	46.496	ng	98
85) Di-n-octyl phthalate	22.87	149	1118400	48.572	ng	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1048761	45.659	ng	# 97
88) Benzo(b)fluoranthene	24.03	252	981329	45.355	ng	98
89) Benzo(k)fluoranthene	24.11	252	930303	43.886	ng	98
90) Benzo(a)pyrene	24.95	252	917053	44.604	ng	98
91) Dibenzo(a,h)anthracene	29.00	278	863896	45.552	ng	98
92) Benzo(g,h,i)perylene	30.13	276	886758	46.217	ng	99

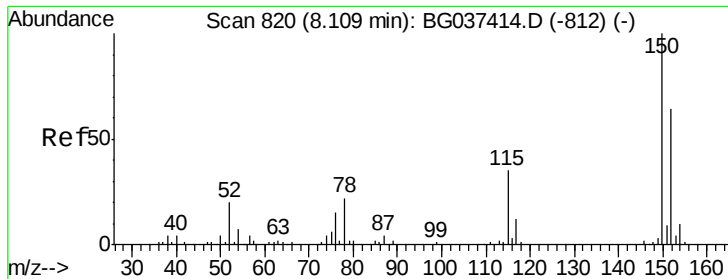
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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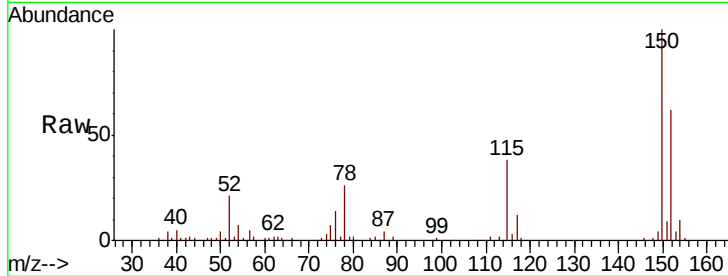


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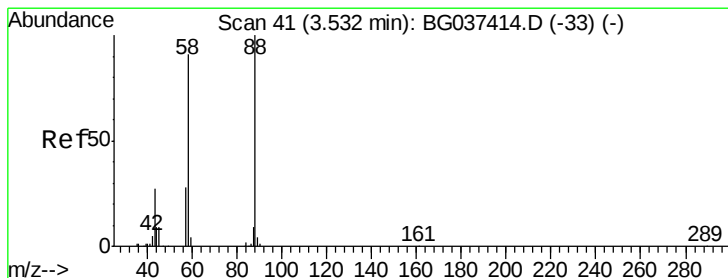
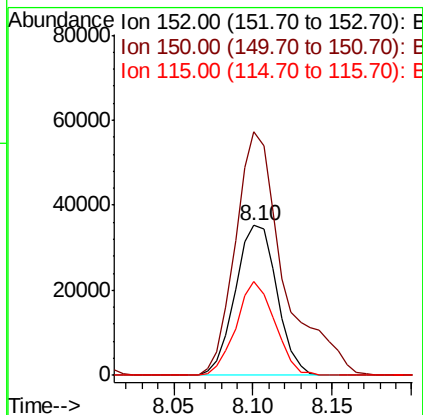
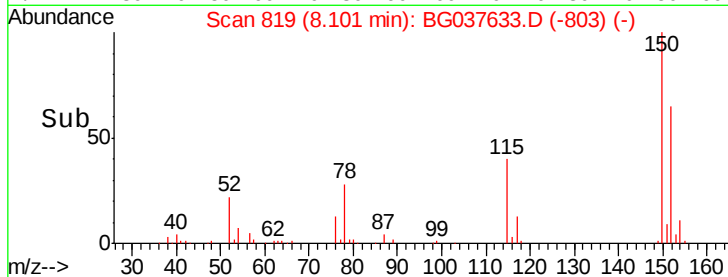
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64269
Ion Ratio Lower Upper
152 100
150 162.5 126.0 189.0
115 62.2 45.5 68.3



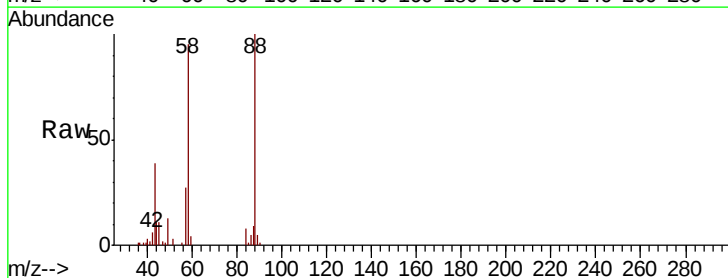
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



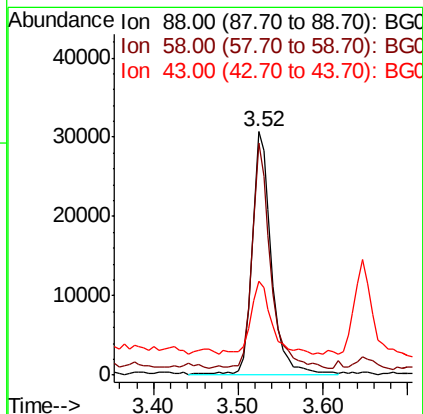
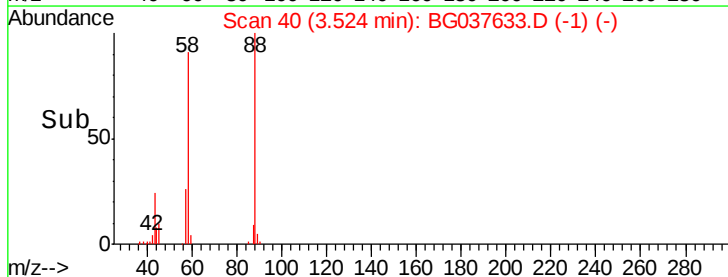
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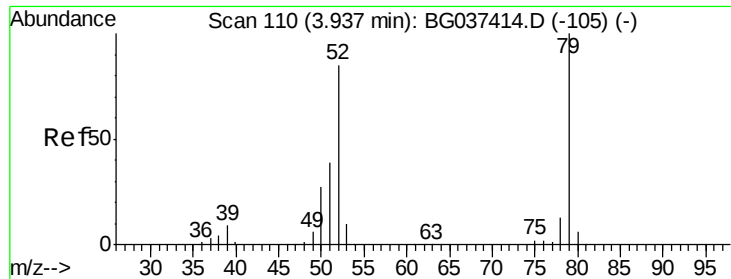
1,4-Dioxane
Concen: 25.519 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion: 88 Resp: 49750
Ion Ratio Lower Upper
88 100
58 87.6 74.4 111.6
43 30.7 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.014 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.11 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

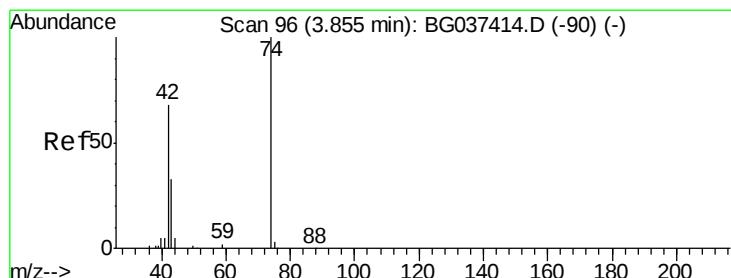
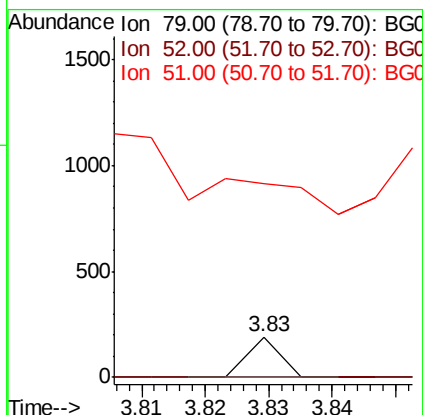
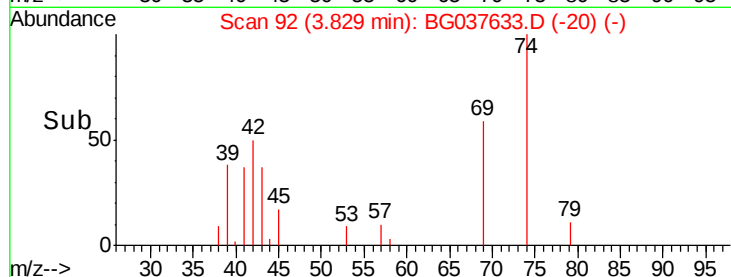
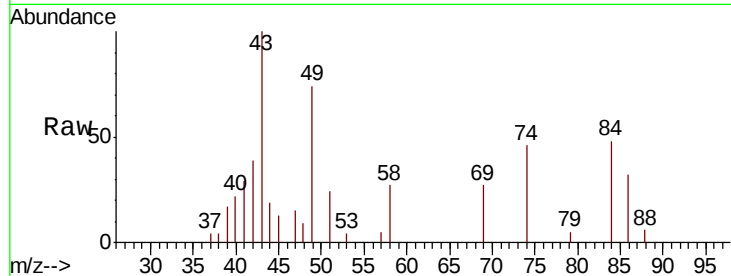
Tot Ion: 79 Resp: 67

Ion Ratio Lower Upper

79 100

52 0.0 74.2 111.2#

51 480.5 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 41.626 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

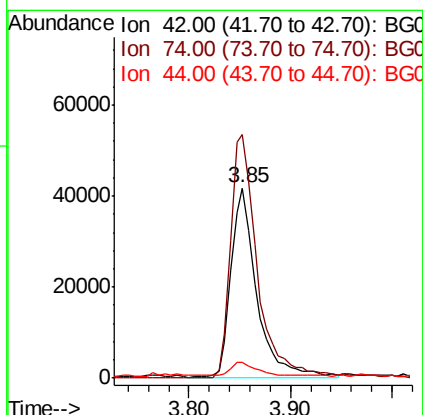
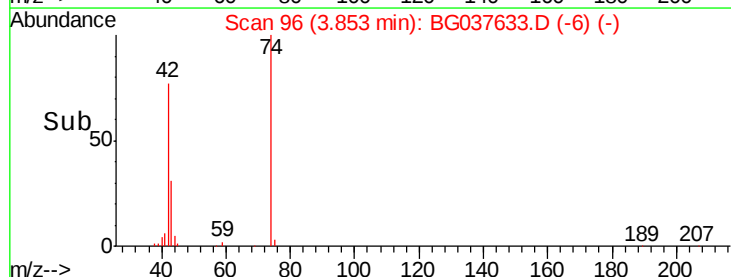
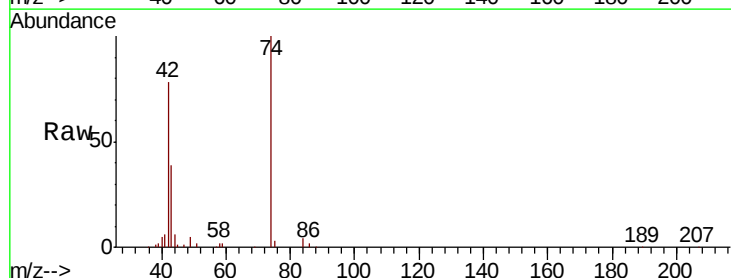
Tgt Ion: 42 Resp: 72851

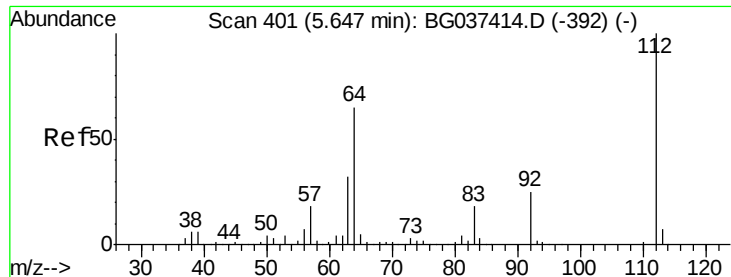
Ion Ratio Lower Upper

42 100

74 128.3 102.0 153.0

44 8.1 9.6 14.4#





#5

2-Fluorophenol

Concen: 155.329 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

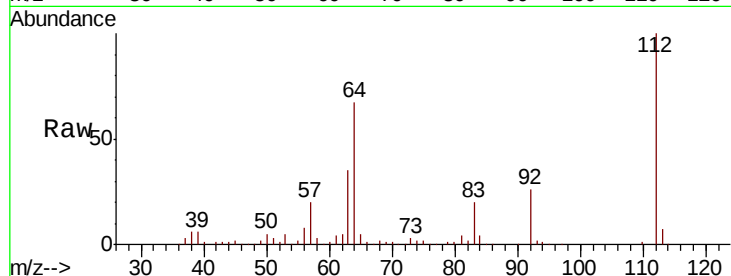
Tot Ion: 112 Resp: 597113

Ion Ratio Lower Upper

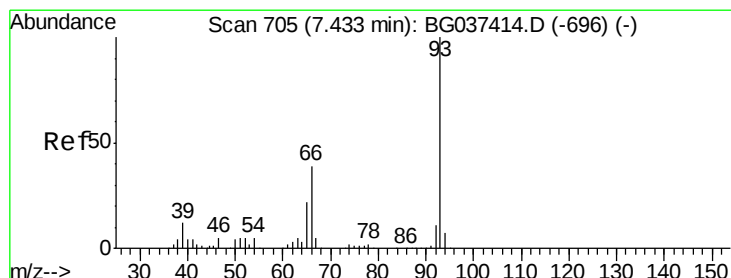
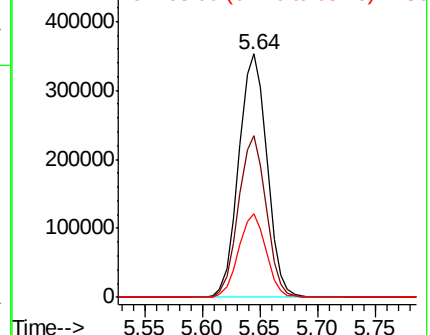
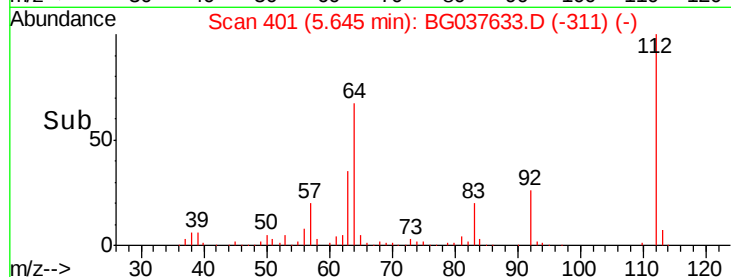
112 100

64 66.7 53.1 79.7

63 34.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.337 ng

RT: 7.52 min Scan# 721

Delta R.T. 0.09 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

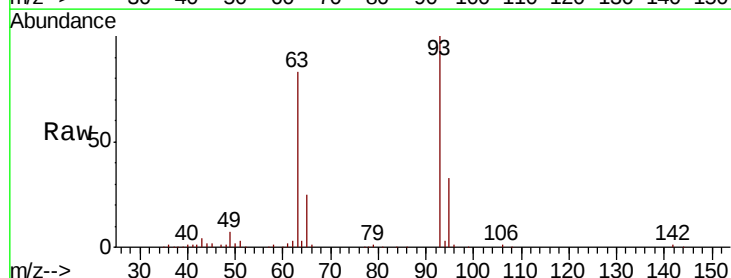
Tgt Ion: 93 Resp: 179673

Ion Ratio Lower Upper

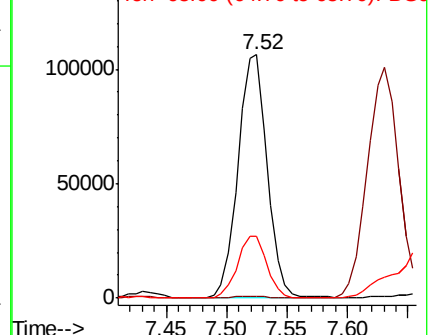
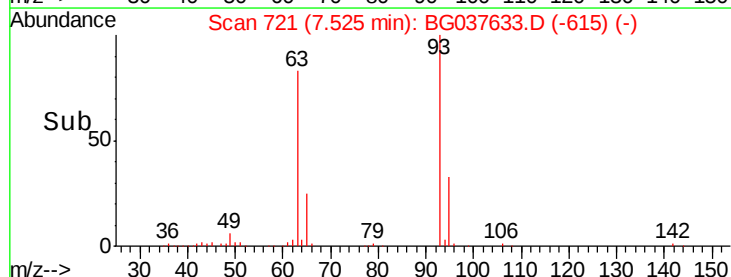
93 100

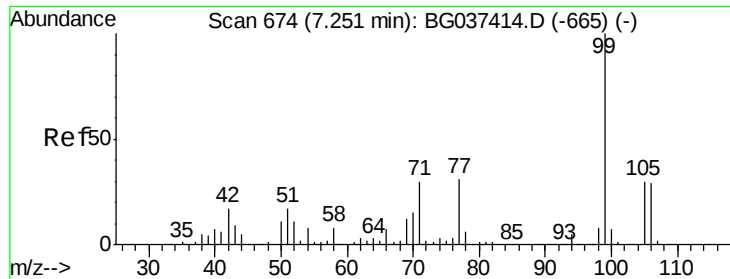
66 0.6 32.8 49.2#

65 25.5 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.380 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037633.D

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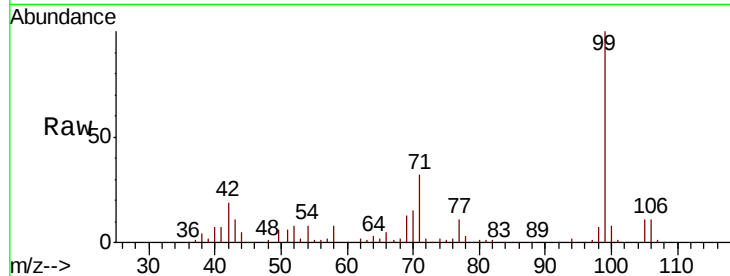
Tot Ion: 99 Resp: 879956

Ion Ratio Lower Upper

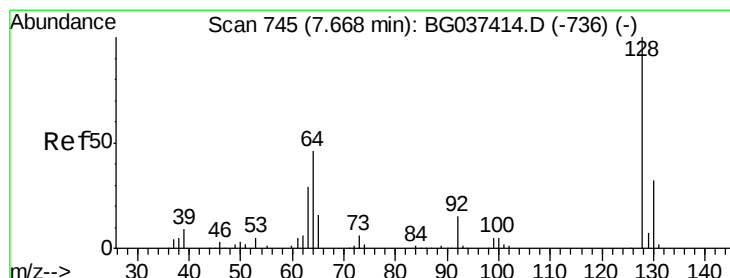
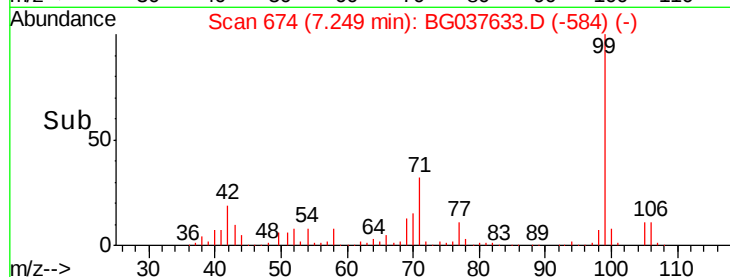
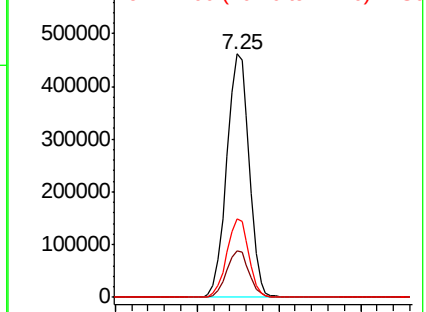
99 100

42 19.1 15.0 22.4

71 32.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.107 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

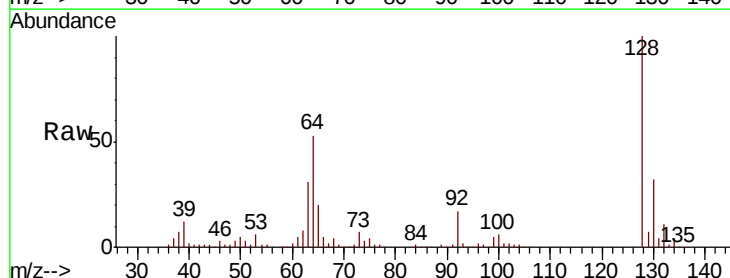
Tgt Ion: 128 Resp: 193857

Ion Ratio Lower Upper

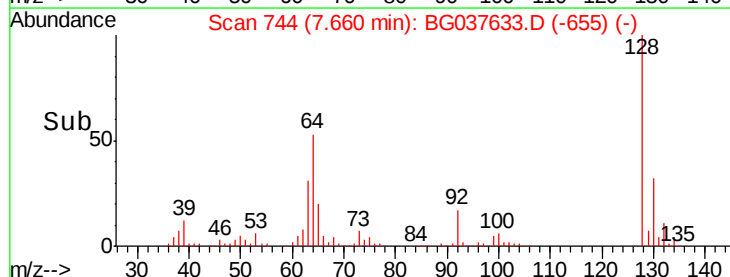
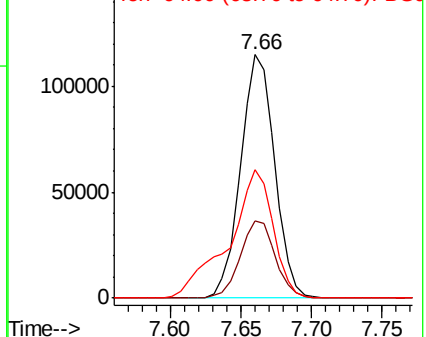
128 100

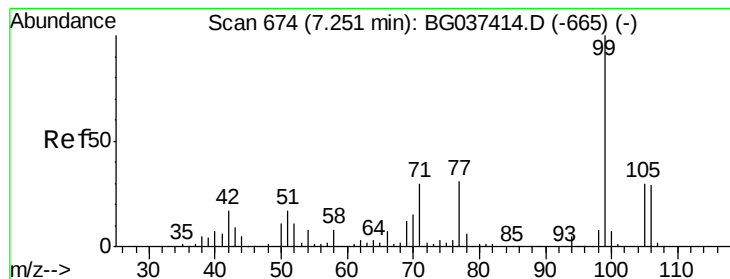
130 31.7 12.0 52.0

64 52.6 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.719 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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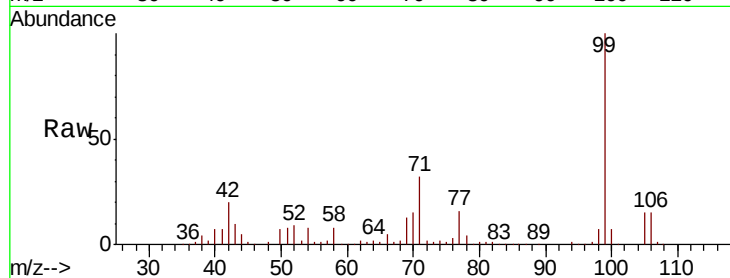
Tot Ion: 77 Resp: 115336

Ion Ratio Lower Upper

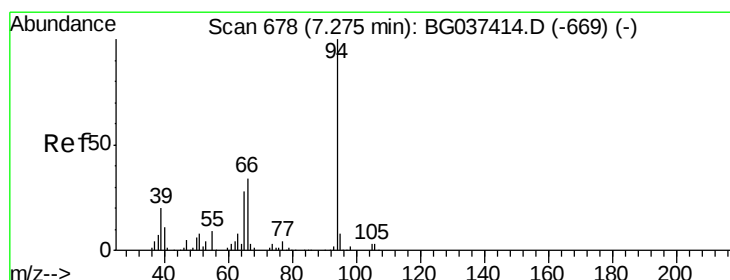
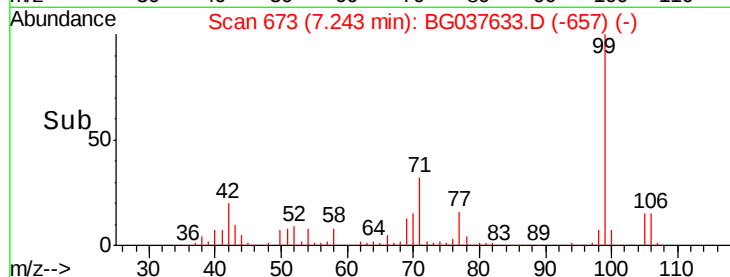
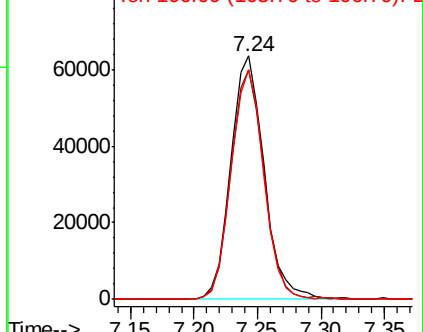
77 100

105 94.2 72.6 112.6

106 94.1 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 52.705 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

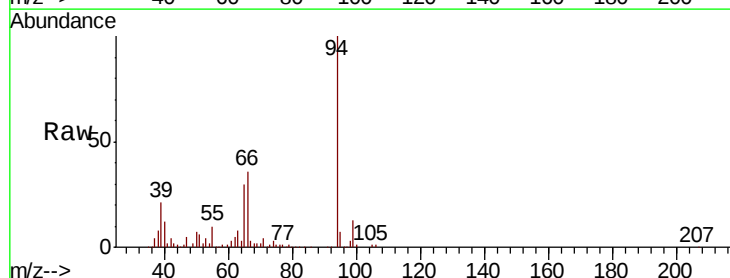
Tgt Ion: 94 Resp: 323252

Ion Ratio Lower Upper

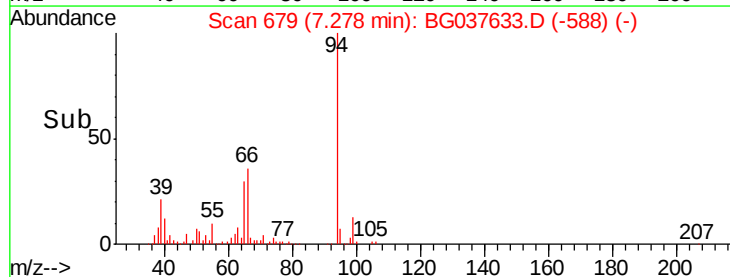
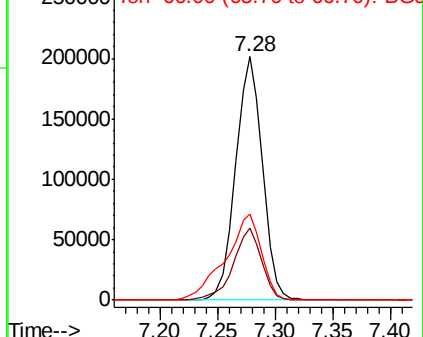
94 100

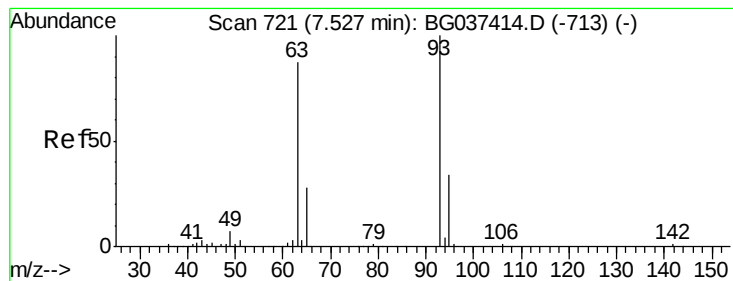
65 29.9 9.7 49.7

66 35.5 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.572 ng

RT: 7.52 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

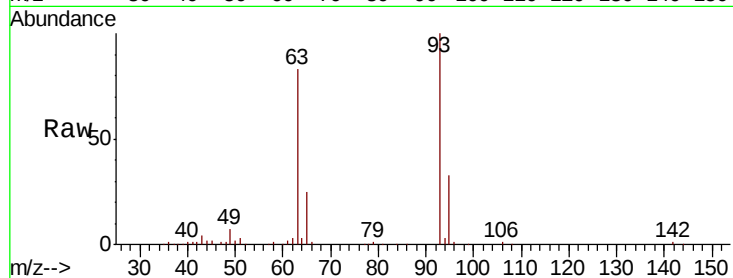
Tot Ion: 93 Resp: 179673

Ion Ratio Lower Upper

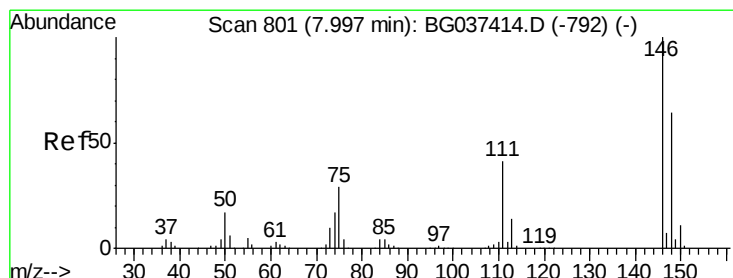
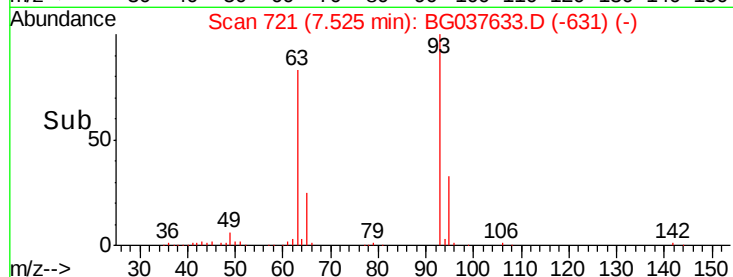
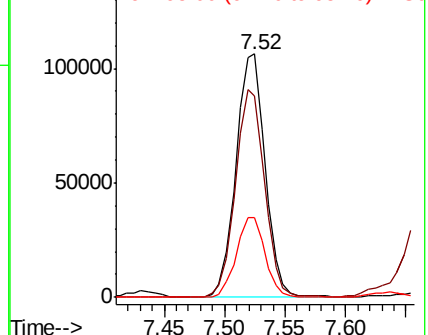
93 100

63 82.6 69.5 109.5

95 32.7 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 36.542 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

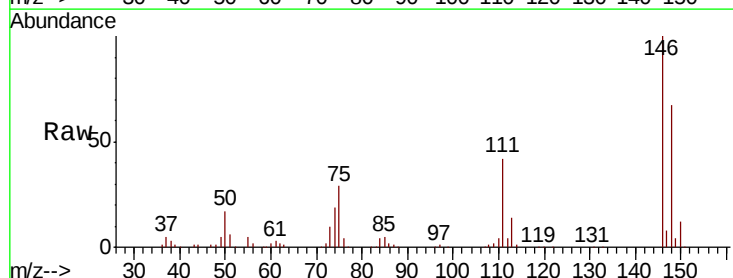
Tgt Ion: 146 Resp: 182948

Ion Ratio Lower Upper

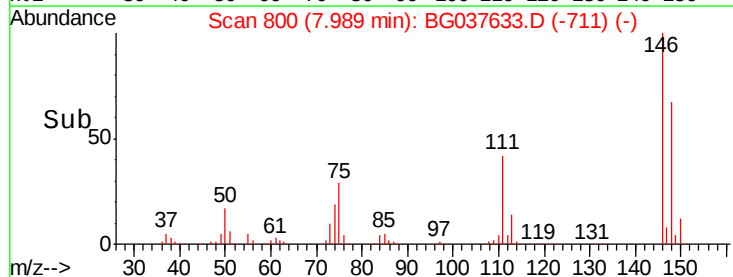
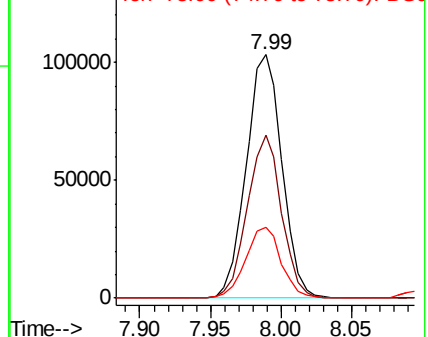
146 100

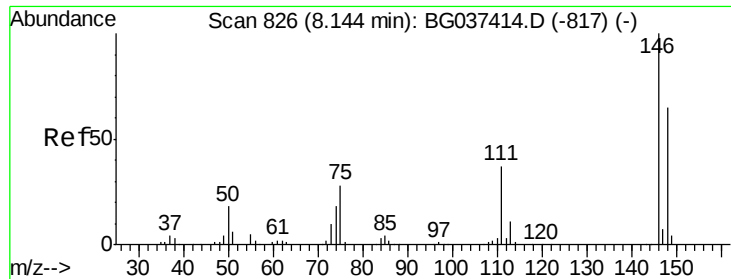
148 67.0 49.8 74.8

75 29.2 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

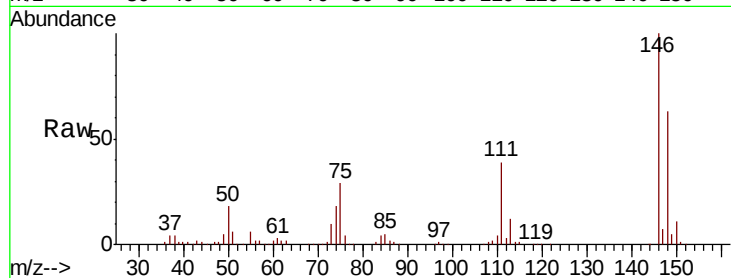




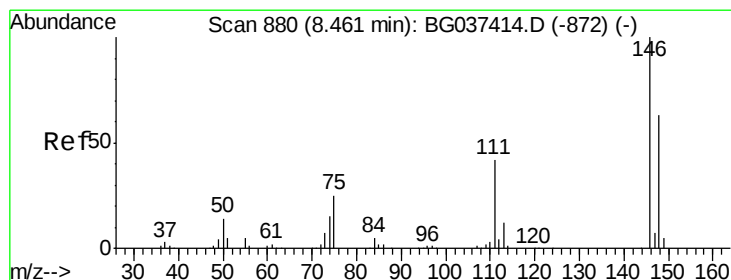
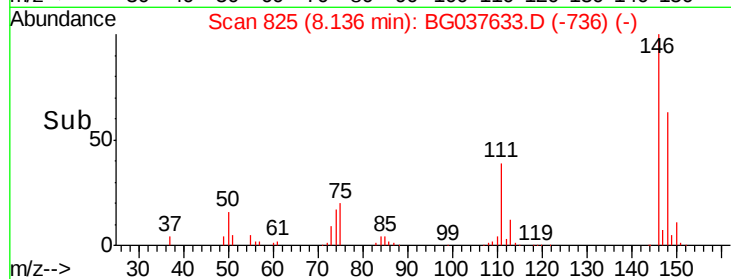
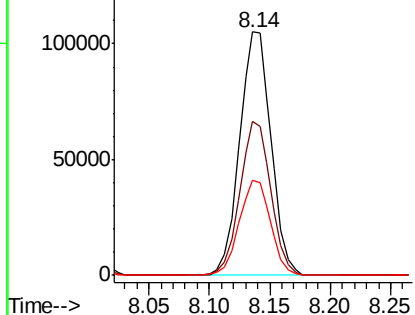
#13
 1,4-Dichlorobenzene
 Concen: 37.070 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 189844
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.6
 111 39.0 32.4 48.6

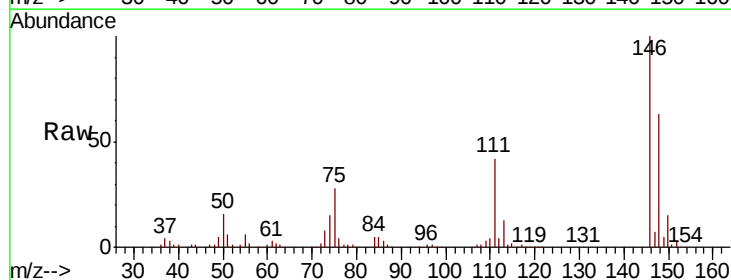


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

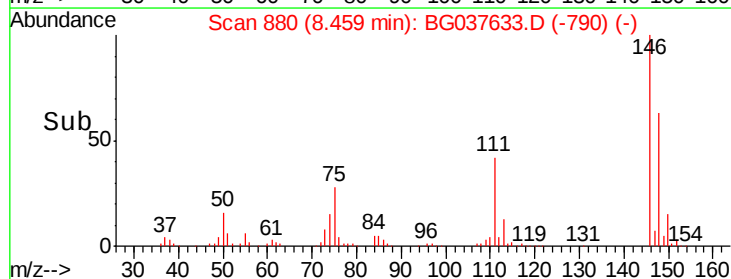
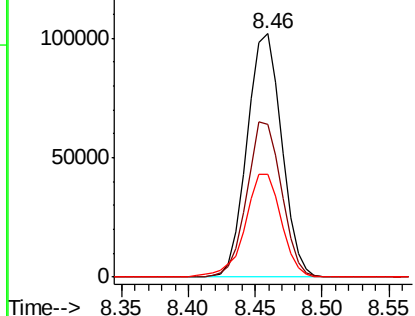


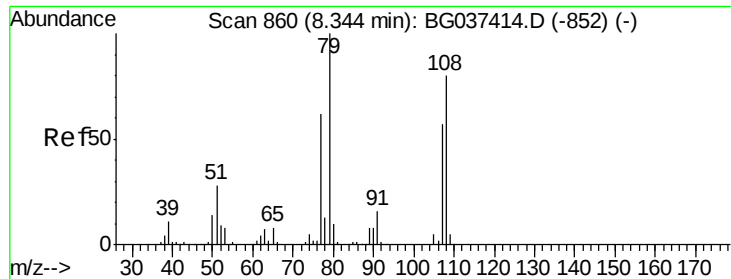
#14
 1,2-Dichlorobenzene
 Concen: 37.026 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion:146 Resp: 182403
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.4 75.6
 111 42.3 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.201 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

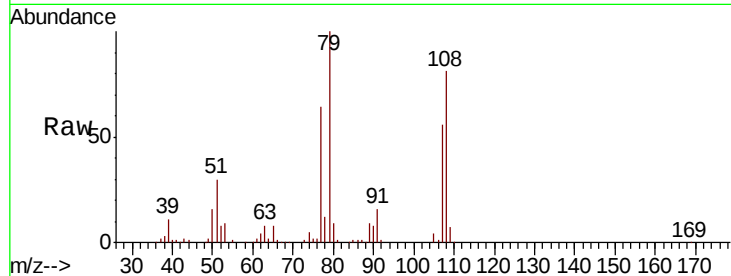
Tot Ion: 79 Resp: 181258

Ion Ratio Lower Upper

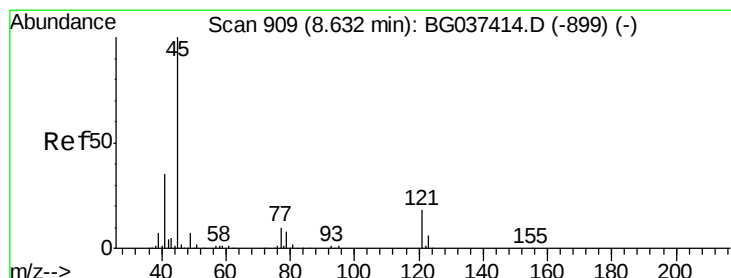
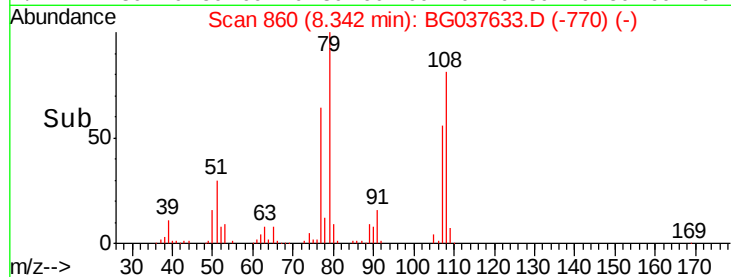
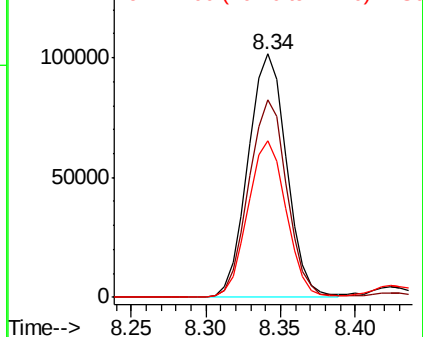
79 100

108 81.0 65.8 98.8

77 64.1 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.950 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

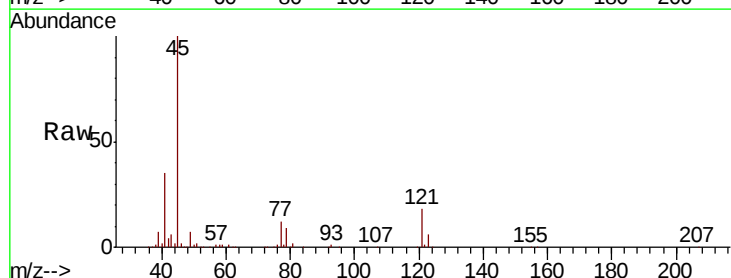
Tgt Ion: 45 Resp: 332977

Ion Ratio Lower Upper

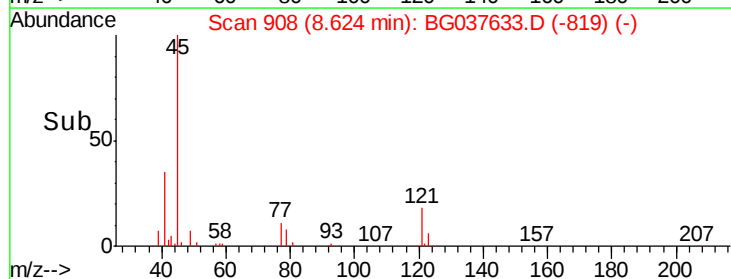
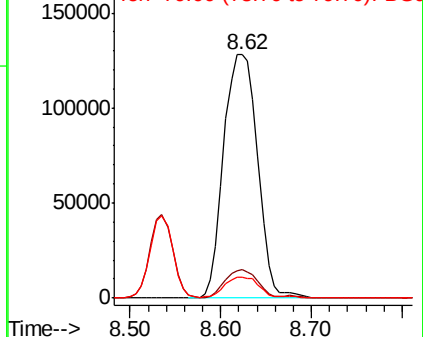
45 100

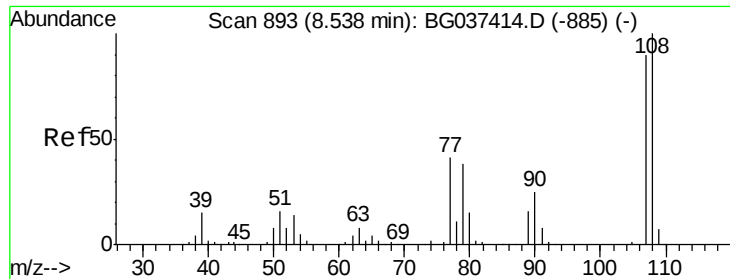
77 11.9 0.0 30.0

79 8.6 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

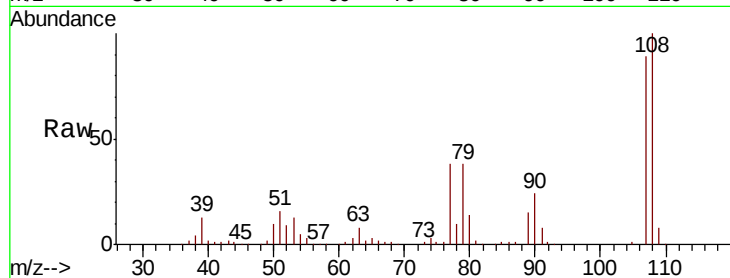




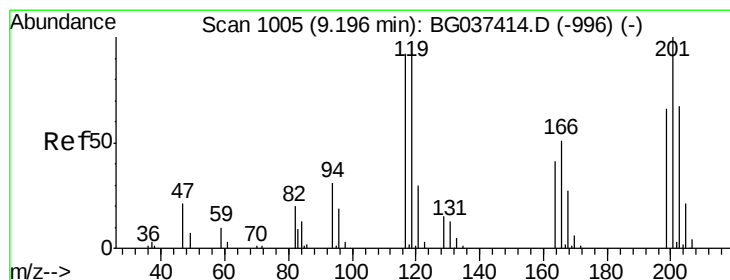
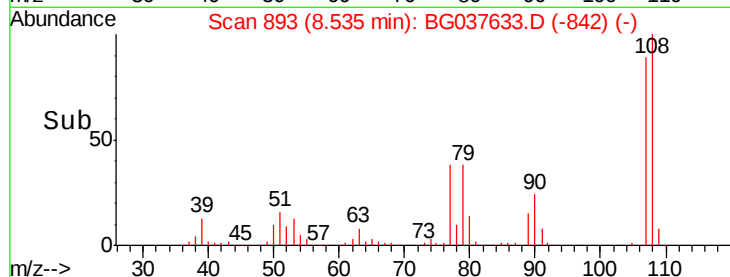
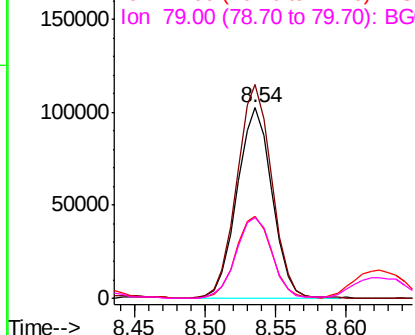
#17
2-Methylphenol
Concen: 43.544 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	176561
Ion	Ratio	Lower	Upper
107	100		
108	112.3	87.9	131.9
77	43.1	35.1	52.7
79	42.2	34.5	51.7

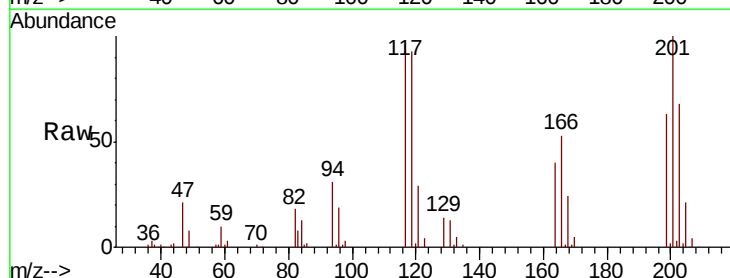


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

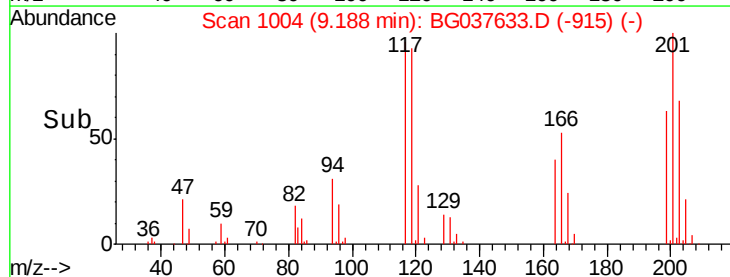
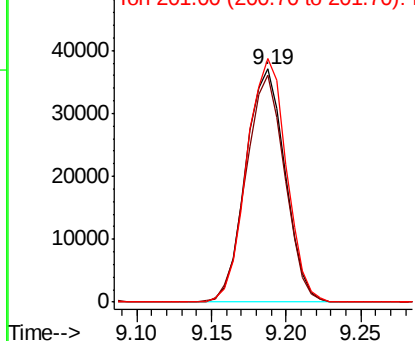


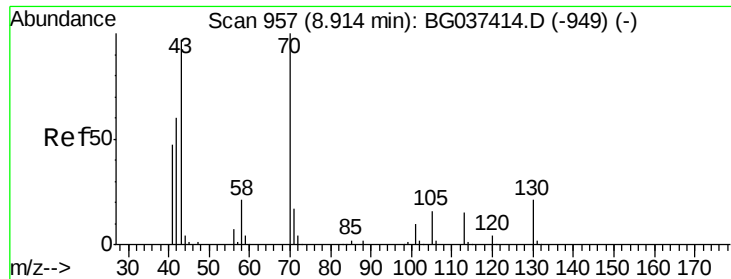
#18
Hexachloroethane
Concen: 38.583 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:	117	Resp:	67362
Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.6	111.8
201	104.6	80.8	121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

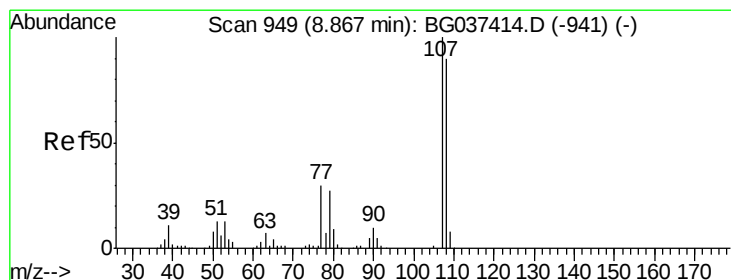
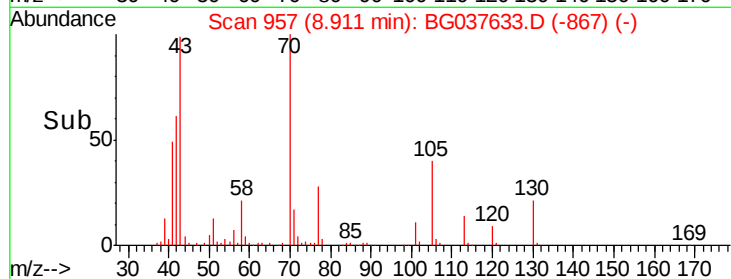
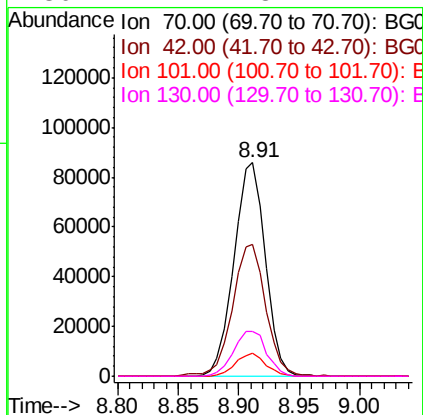
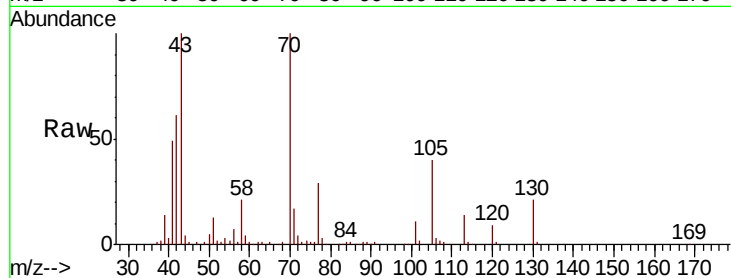




#19
n-Nitroso-di-n-propylamine
Concen: 38.902 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

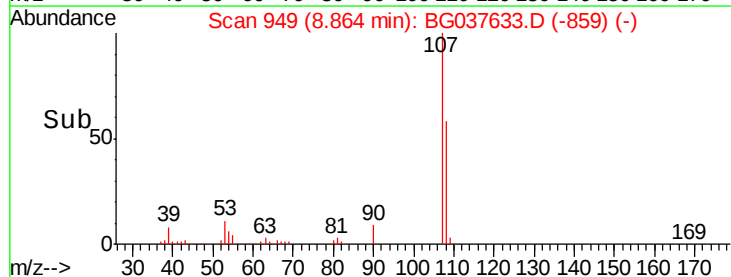
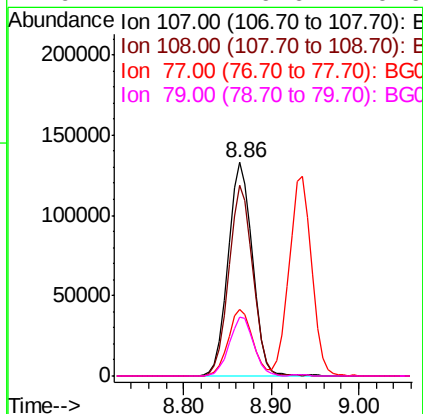
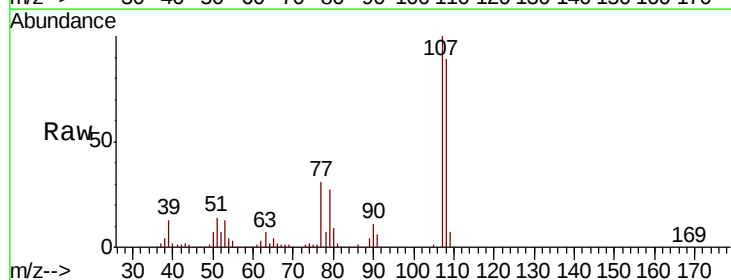
Instrument :
BNA_G
ClientSampleId :

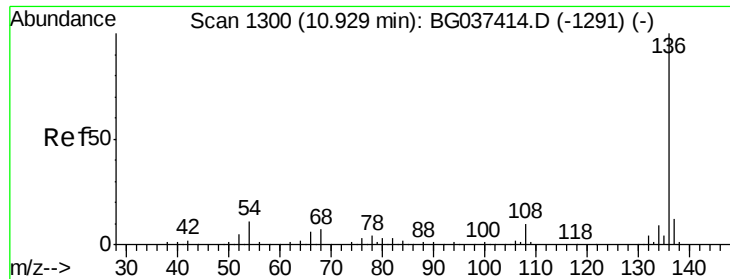
Tot Ion:	70	Resp:	155718
Ion	Ratio	Lower	Upper
70	100		
42	61.5	53.9	80.9
101	10.6	8.2	12.2
130	21.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 43.639 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:	107	Resp:	252986
Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.9	109.9
77	31.4	11.2	51.2
79	27.4	6.6	46.6

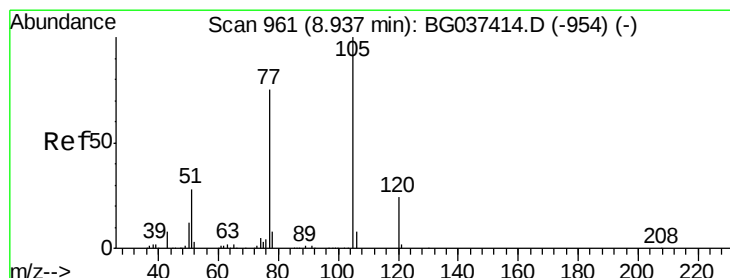
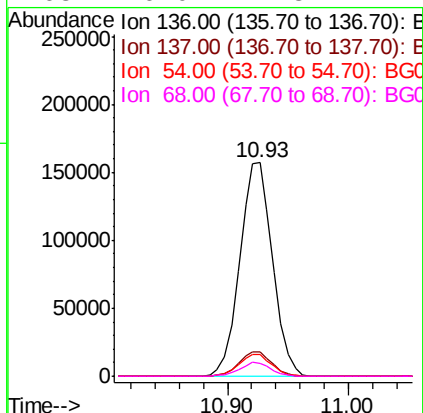
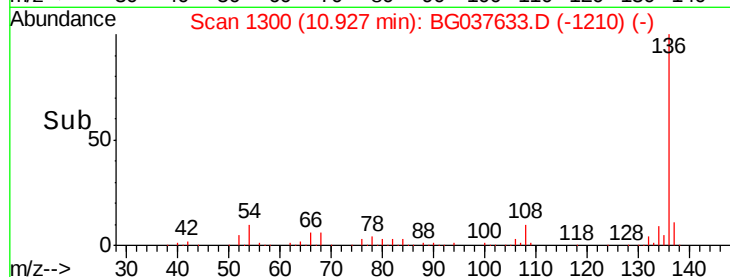
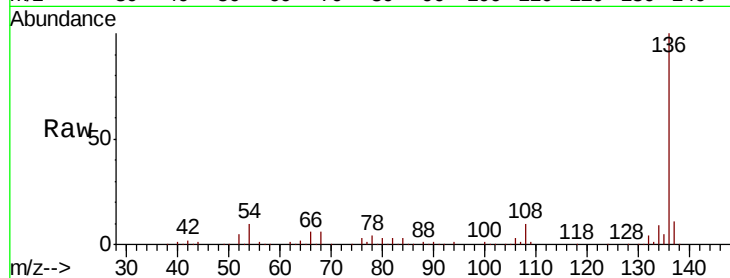




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

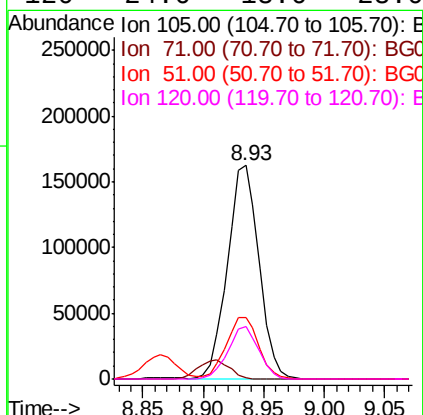
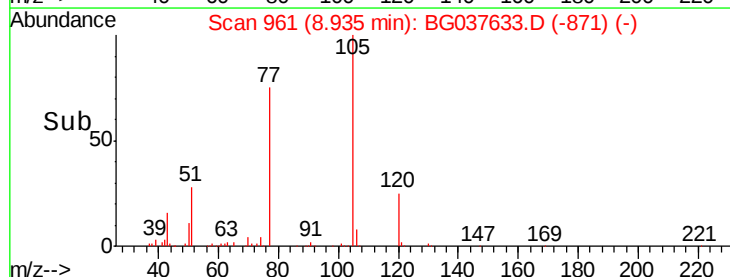
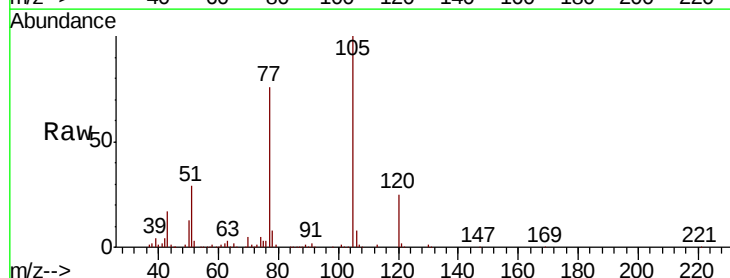
Instrument :
BNA_G
ClientSampled :

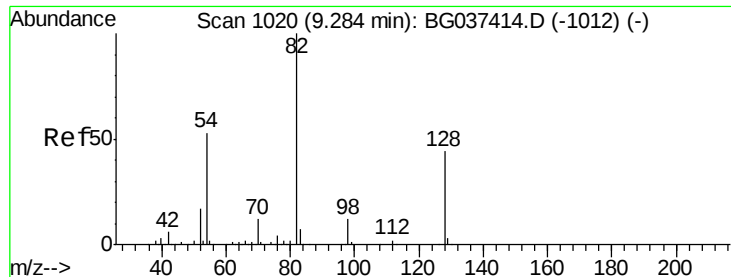
Tot Ion:136	Resp:	294631
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.6 14.4
54	10.3	7.9 11.9
68	6.0	4.8 7.2



#22
Acetophenone
Concen: 39.764 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:105	Resp:	293828
Ion Ratio	Lower	Upper
105	100	
71	0.6	1.2 1.8#
51	28.7	25.0 37.6
120	24.6	18.6 28.0

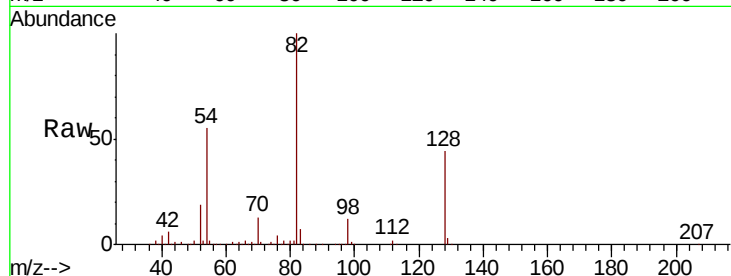




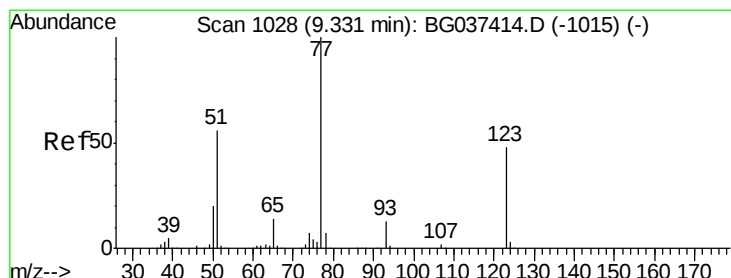
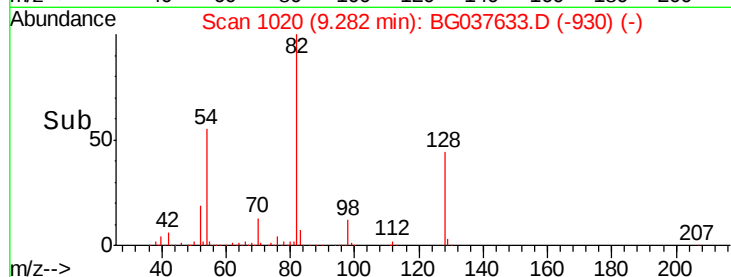
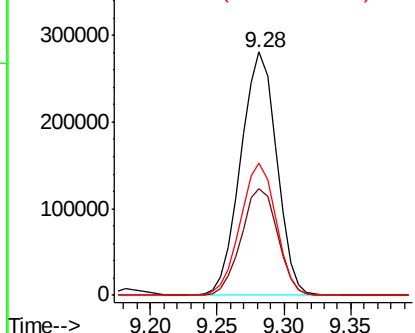
#23
Nitrobenzene-d5
Concen: 99.741 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	524589
Ion Ratio	100	Lower	Upper
128	43.7	34.6	51.8
54	54.5	45.3	67.9

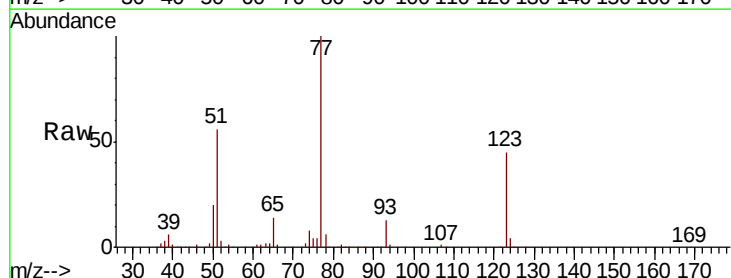


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

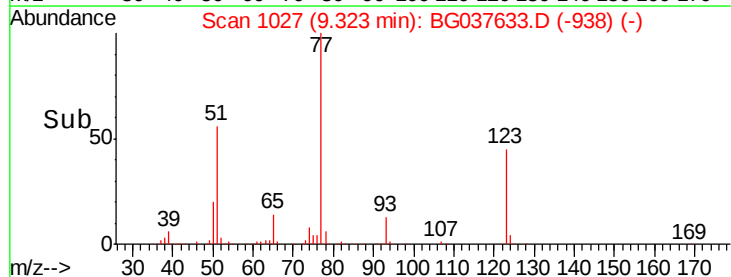
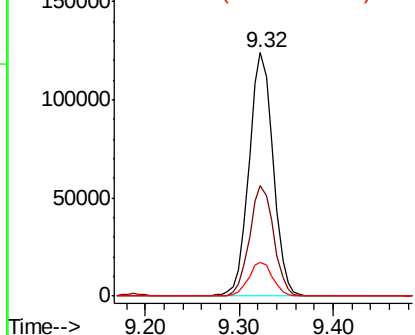


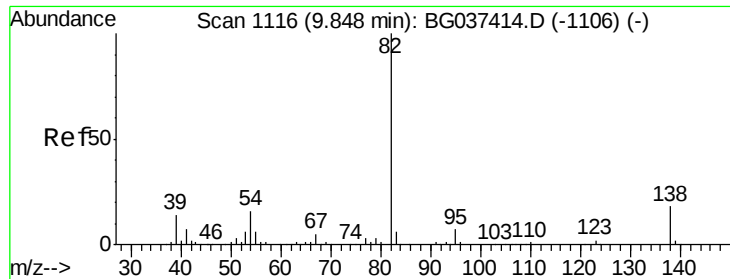
#24
Nitrobenzene
Concen: 40.347 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion	77	Resp	220449
Ion Ratio	100	Lower	Upper
123	45.4	33.6	50.4
65	13.9	11.3	16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.378 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

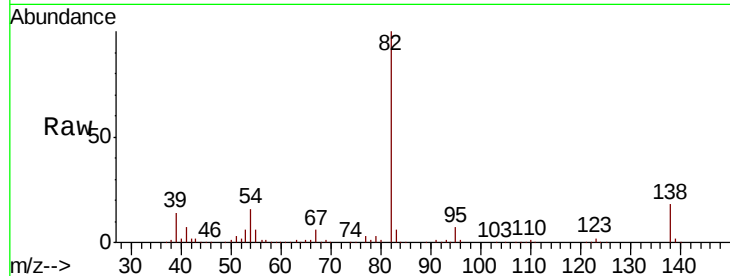
Tot Ion: 82 Resp: 455298

Ion Ratio Lower Upper

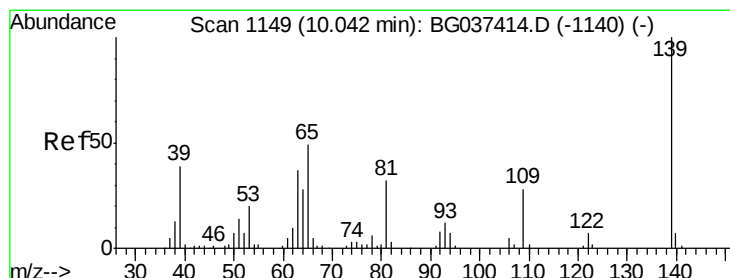
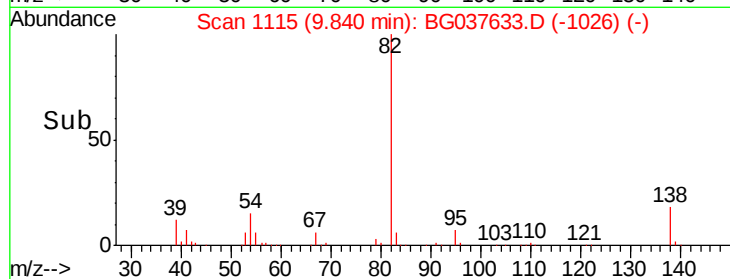
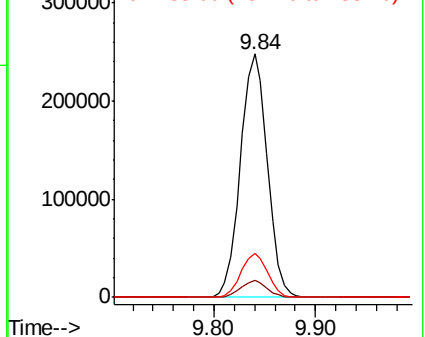
82 100

95 6.9 5.3 7.9

138 17.8 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.293 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

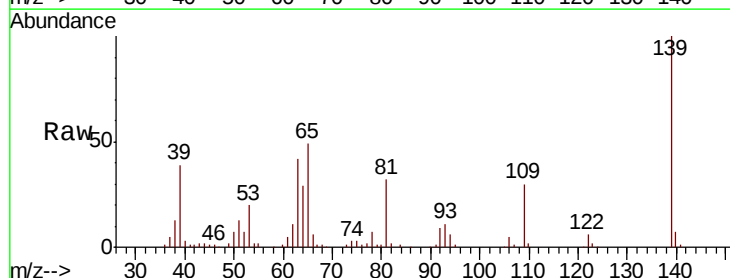
Tgt Ion: 139 Resp: 111484

Ion Ratio Lower Upper

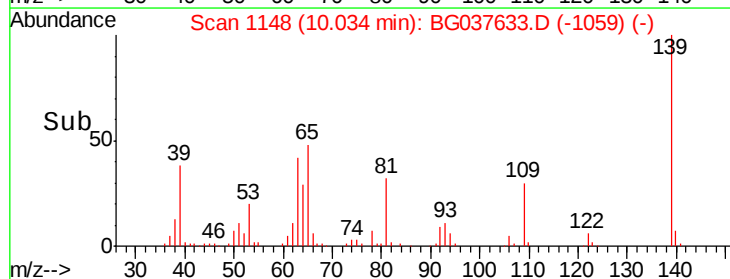
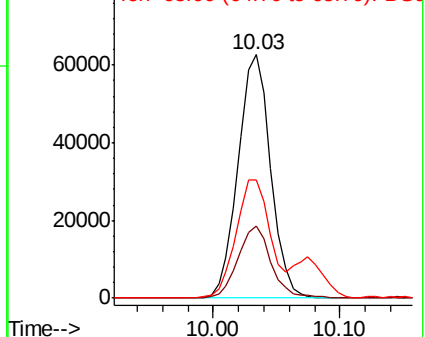
139 100

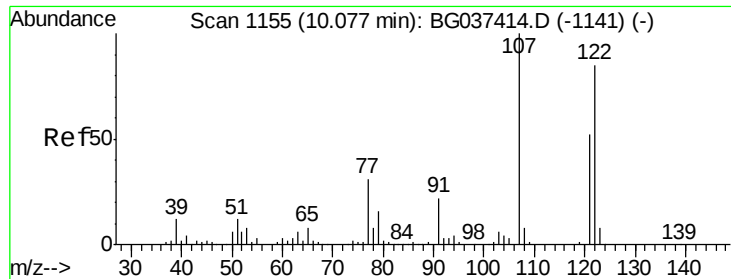
109 29.6 23.3 34.9

65 48.6 39.8 59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

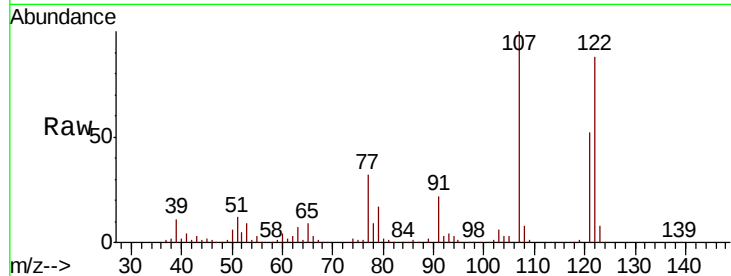




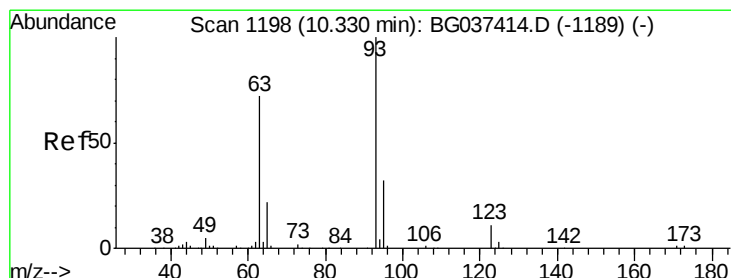
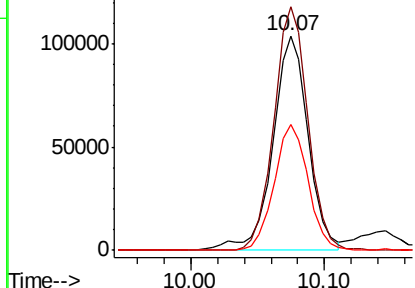
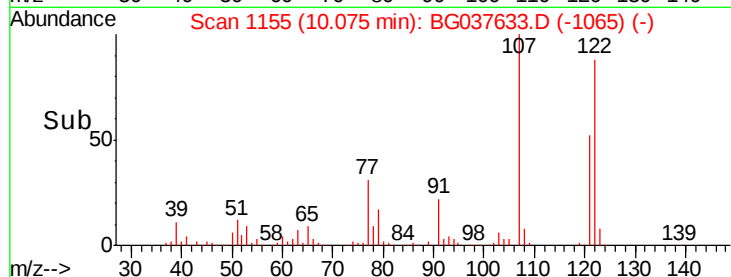
#27
 2,4-Dimethylphenol
 Concen: 43.549 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 191388
 Ion Ratio Lower Upper
 122 100
 107 113.5 94.2 141.2
 121 58.8 47.3 70.9

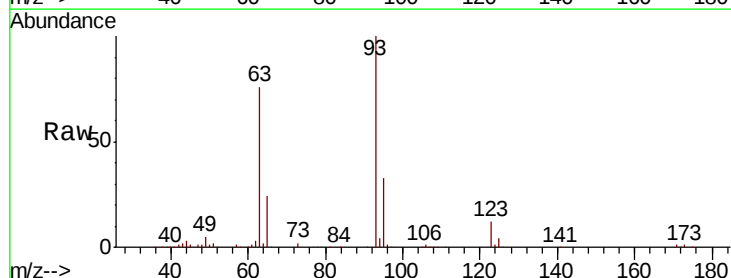


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

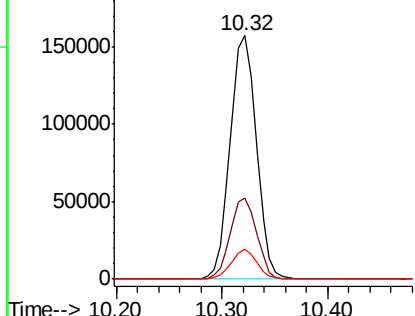
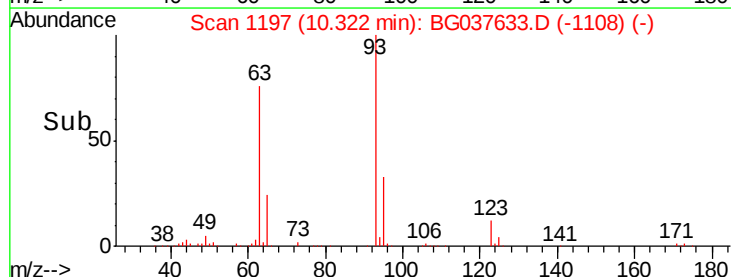


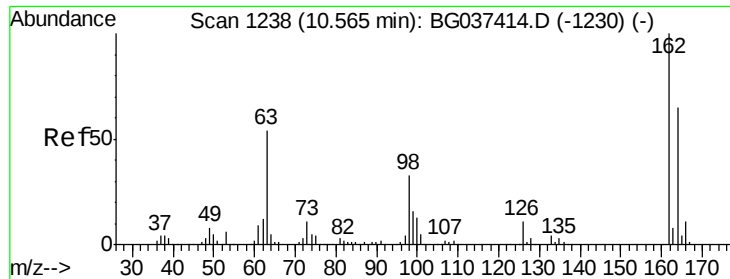
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.895 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion: 93 Resp: 270075
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.6 37.0
 123 12.2 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

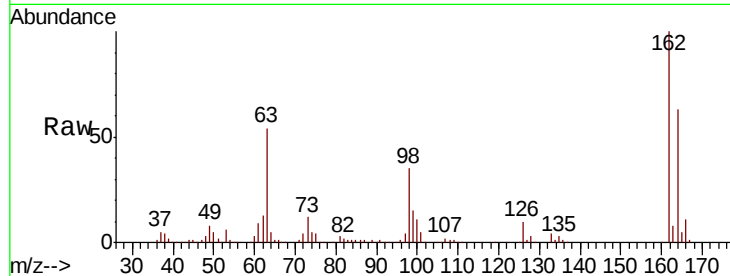




#29
 2,4-Dichlorophenol
 Concen: 44.089 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.2	83.2
98	35.1	16.0	56.0

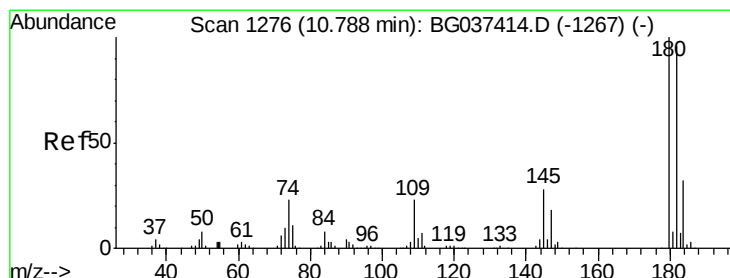
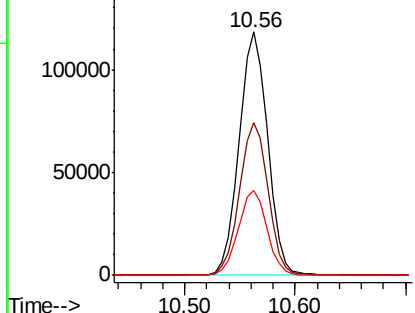
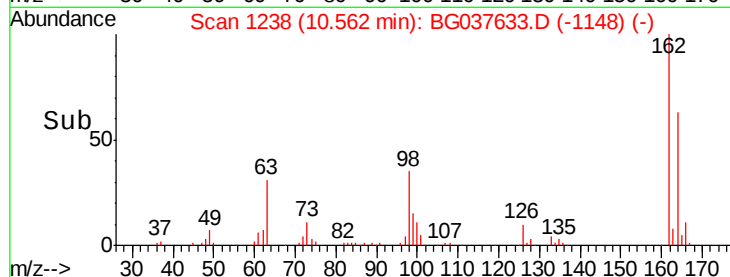


Abundance

Ion 162.00 (161.70 to 162.70): E

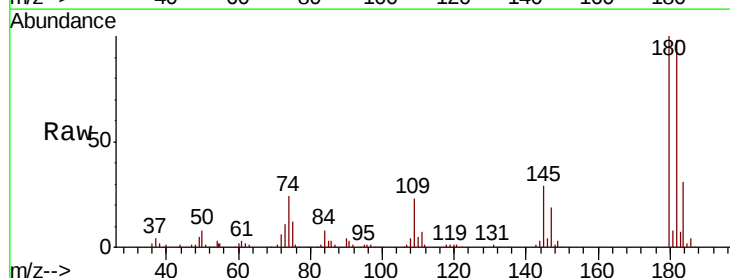
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.975 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.7	116.5
145	28.6	23.3	34.9

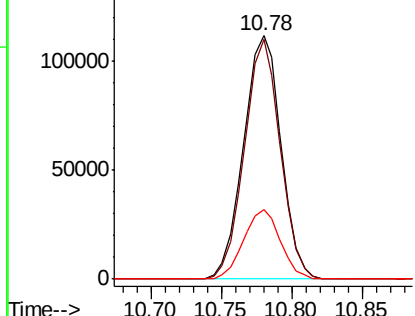
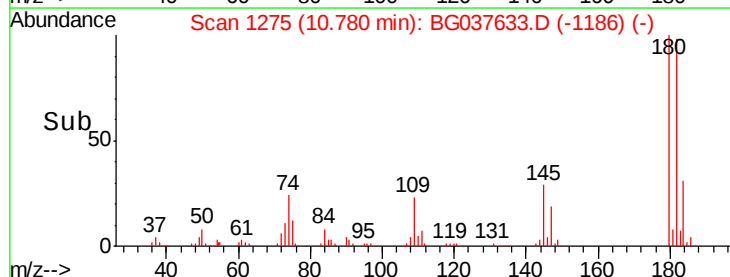


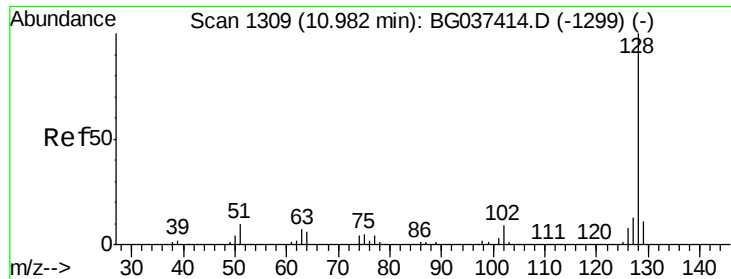
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

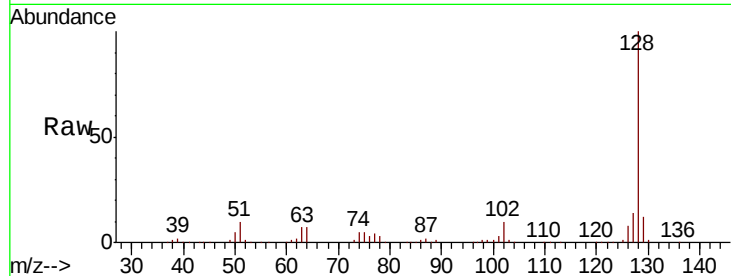




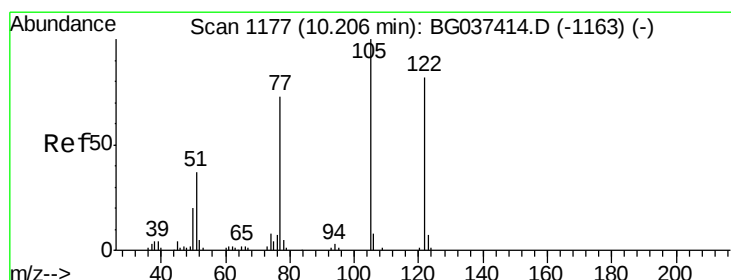
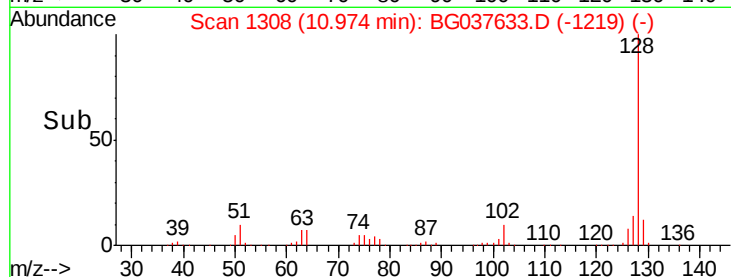
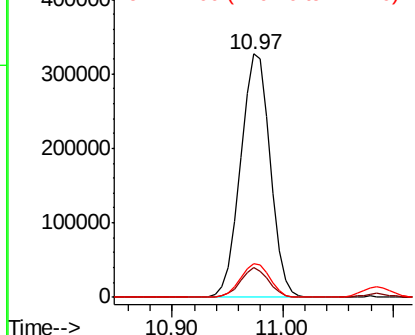
#31
Naphthalene
Concen: 42.619 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 616768
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 14.0 11.1 16.7

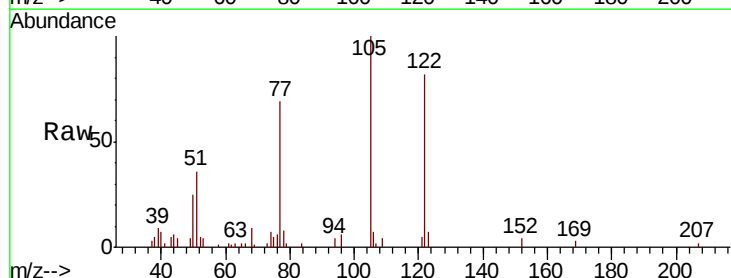


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

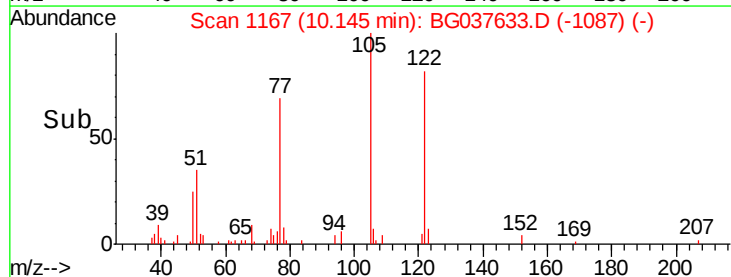
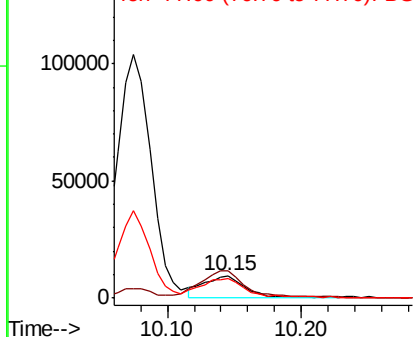


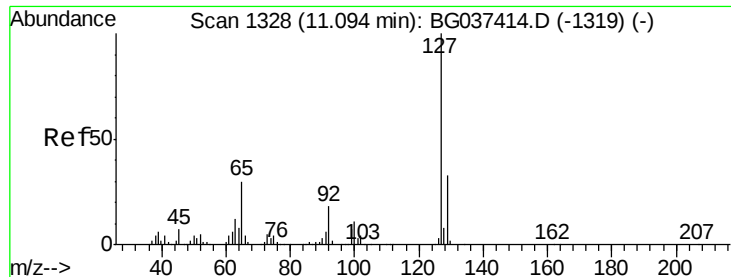
#32
Benzoic acid
Concen: 7.035 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:122 Resp: 20081
Ion Ratio Lower Upper
122 100
105 122.1 106.7 146.7
77 84.8 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

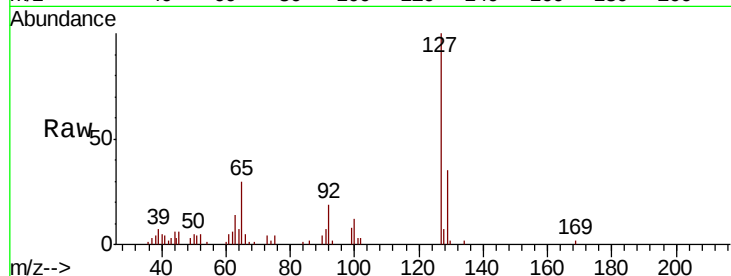




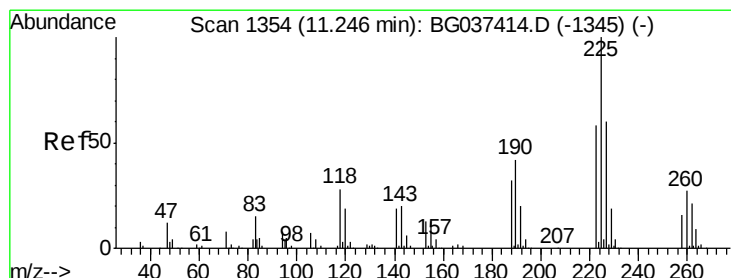
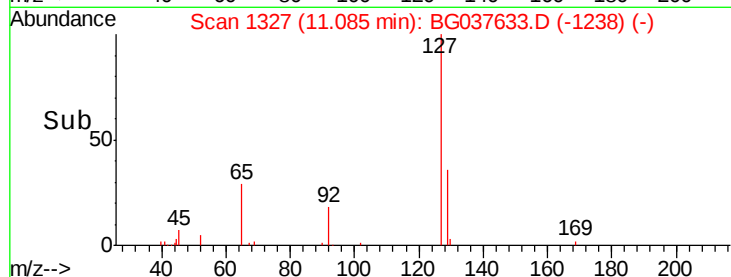
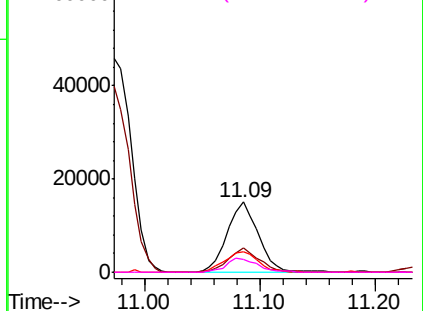
#33
4-Chloroaniline
Concen: 4.138 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	28134
Ion	Ratio	Lower	Upper
127	100		
129	34.6	27.1	40.7
65	30.1	26.6	39.8
92	19.3	16.4	24.6

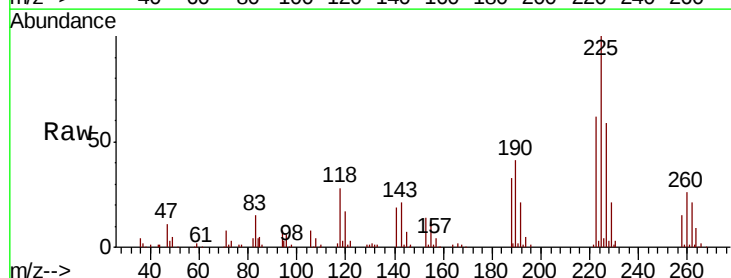


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

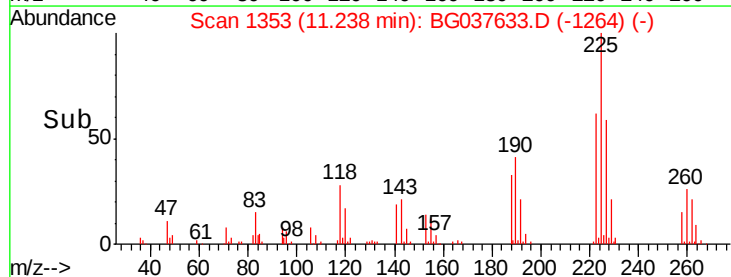
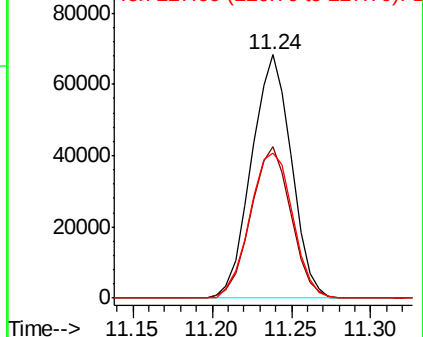


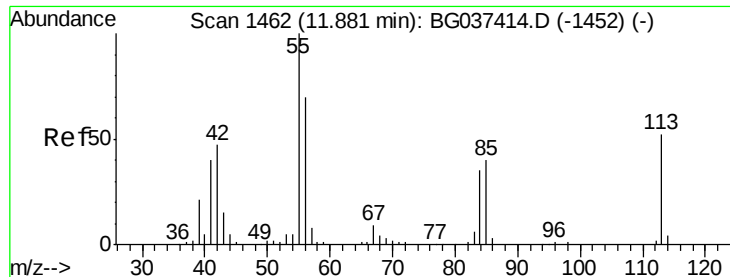
#34
Hexachlorobutadiene
Concen: 37.919 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:	225	Resp:	119586
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.2	72.4
227	61.9	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

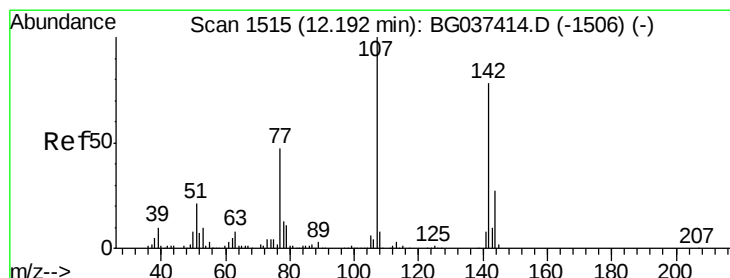
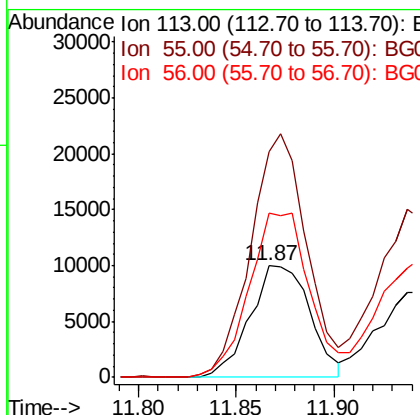
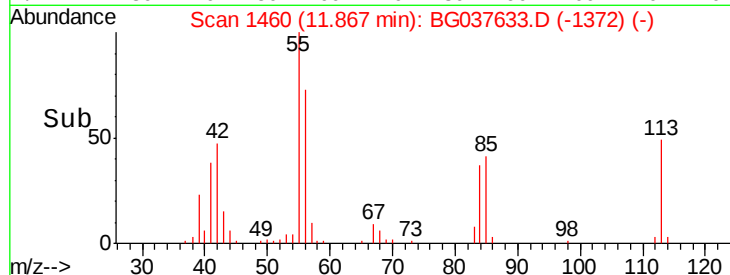
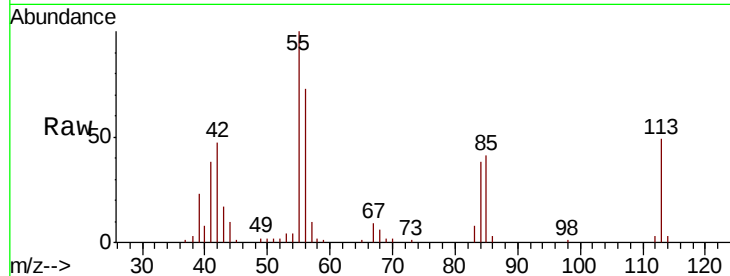




#35
 Caprolactam
 Concen: 10.765 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

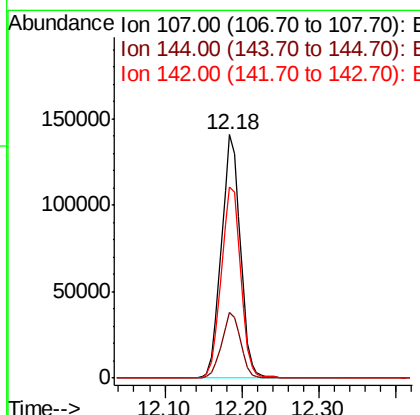
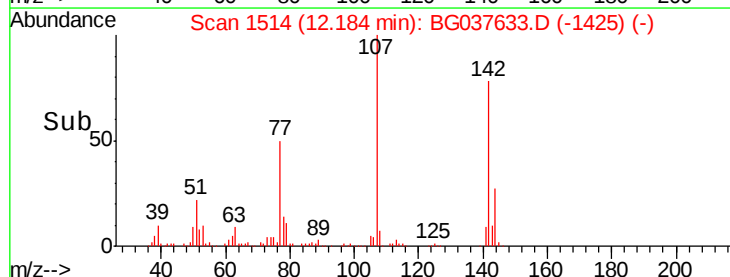
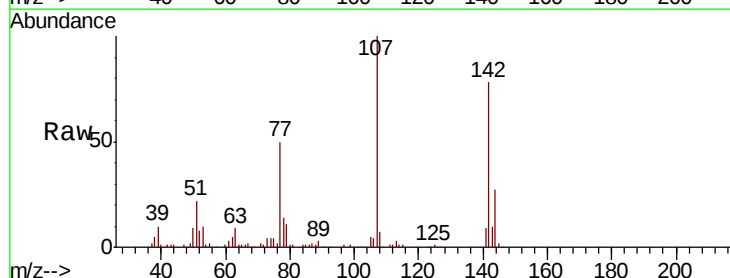
Instrument :
 BNA_G
 ClientSampleID :

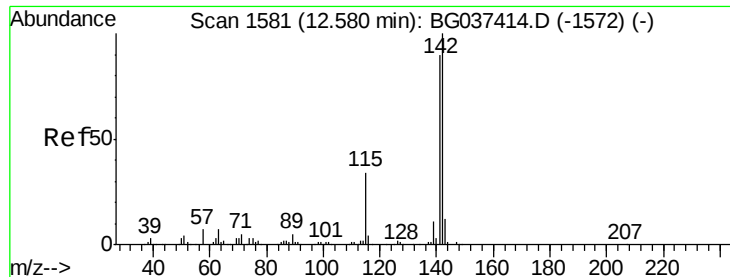
Tot Ion:113 Resp: 21126
 Ion Ratio Lower Upper
 113 100
 55 202.7 176.6 216.6
 56 147.1 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.835 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion:107 Resp: 241901
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.7 31.1
 142 78.3 64.4 96.6

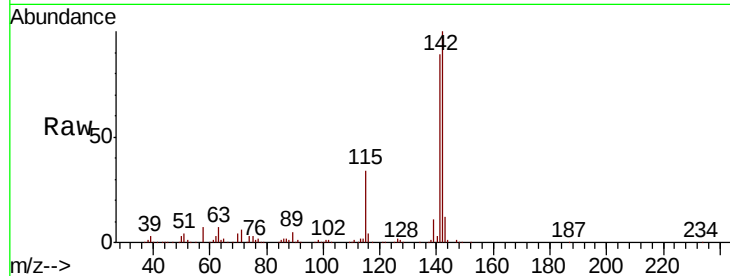




#37
 2-Methylnaphthalene
 Concen: 45.635 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	34.0	27.8	41.8

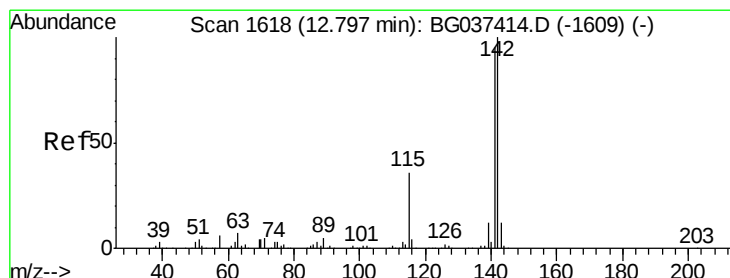
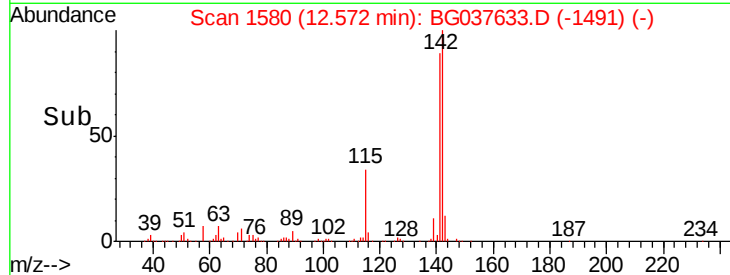
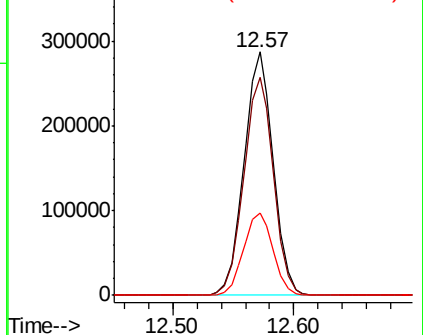


Abundance

Ion 142.00 (141.70 to 142.70): E

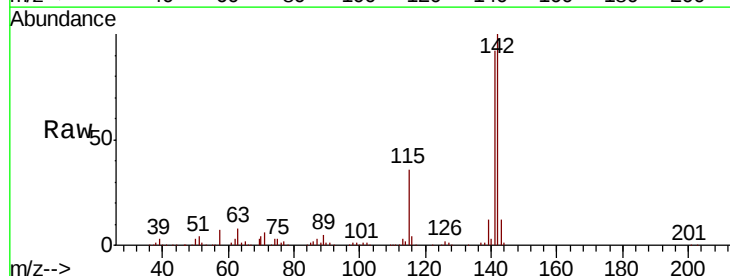
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 44.486 ng
 RT: 12.79 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.2	112.8
116	3.7	3.3	4.9

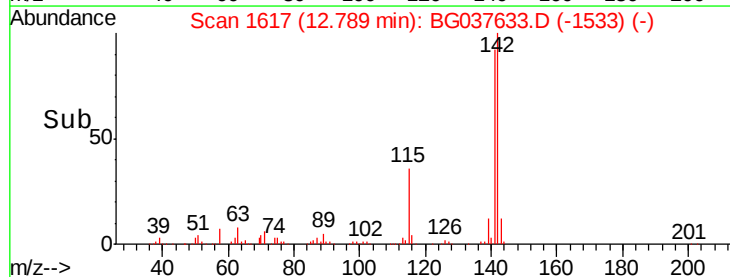
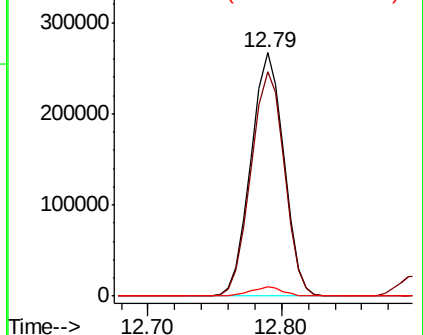


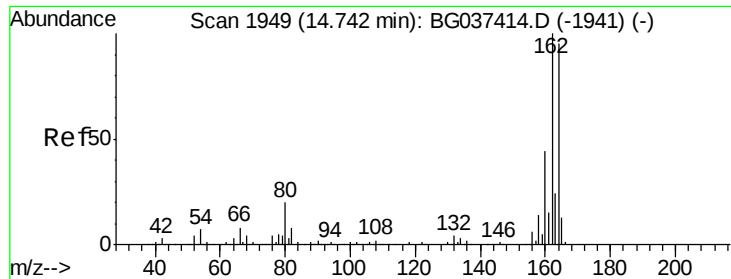
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

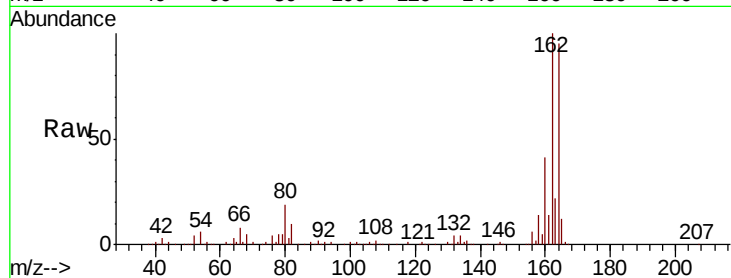
Tot Ion:164 Resp: 193986

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

160 43.6 36.3 54.5

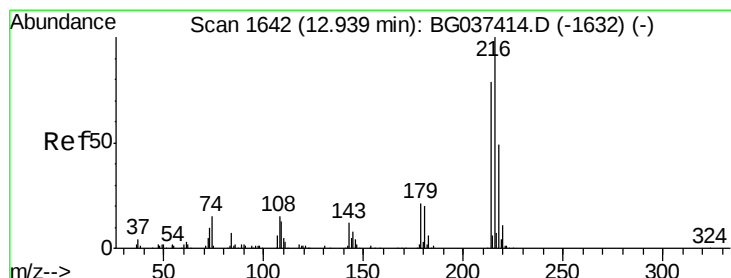
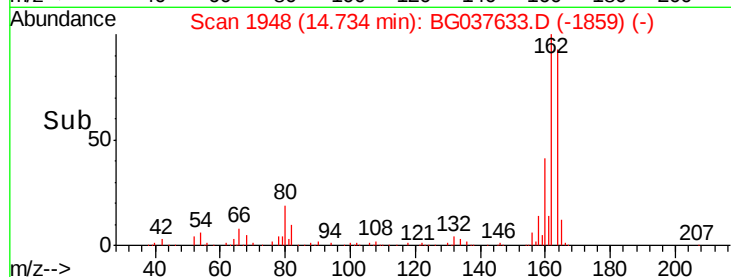
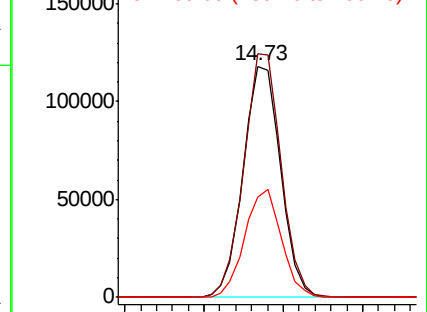


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.563 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Tgt Ion:216 Resp: 241294

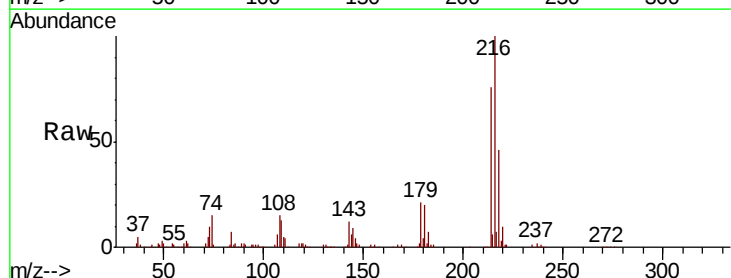
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 21.0 17.4 26.0

108 19.3 13.9 20.9



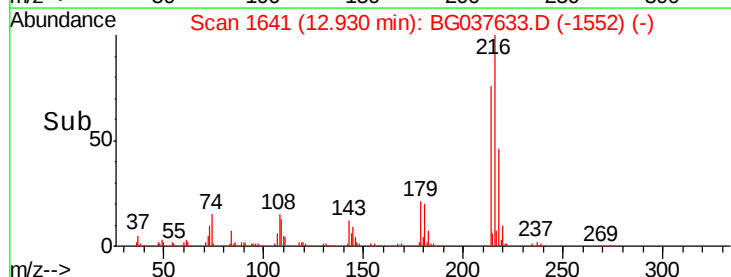
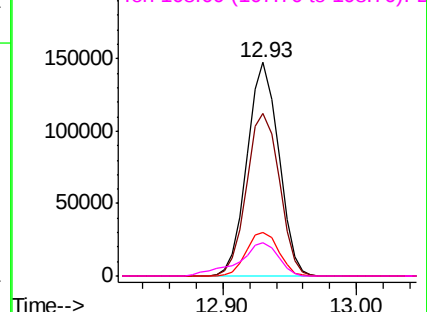
Abundance

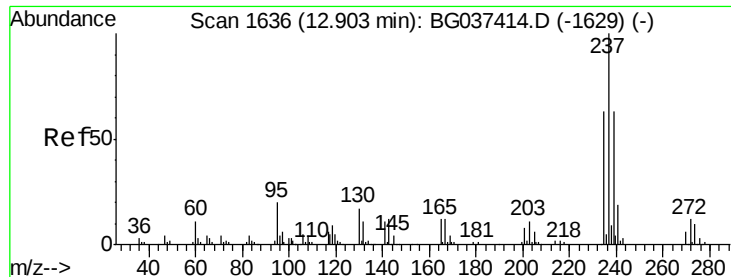
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.622 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037633.D

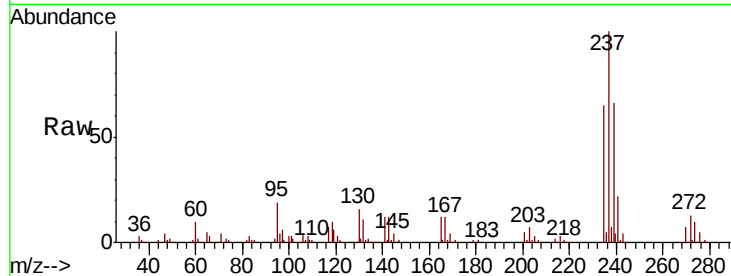
Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

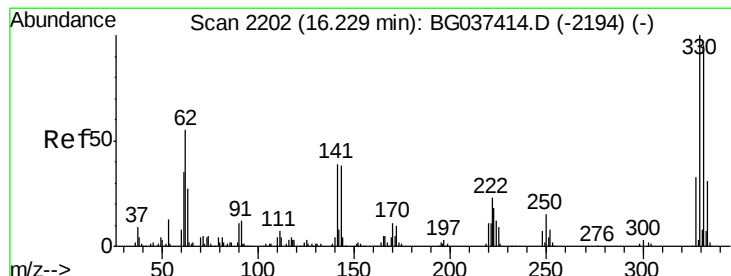
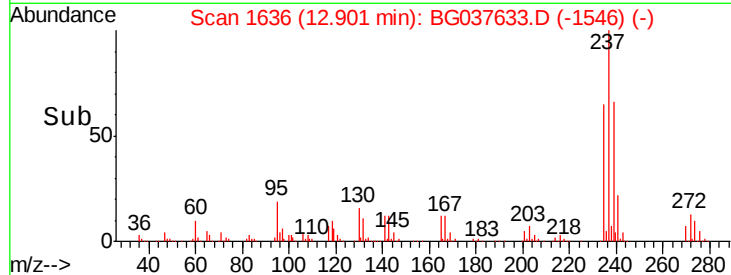
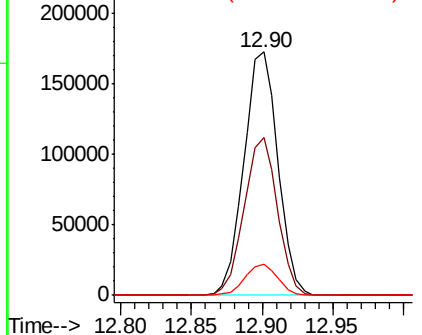
Tot Ion:	237	Resp:	291777
Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.5	82.5
272	12.7	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 148.811 ng

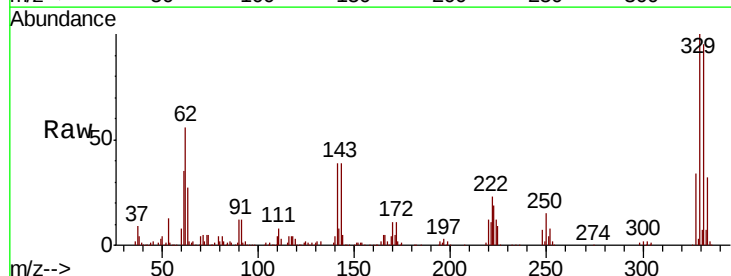
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

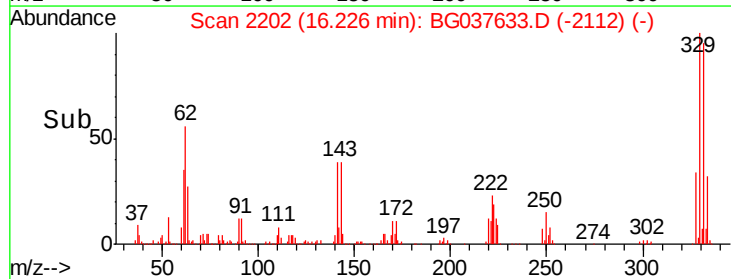
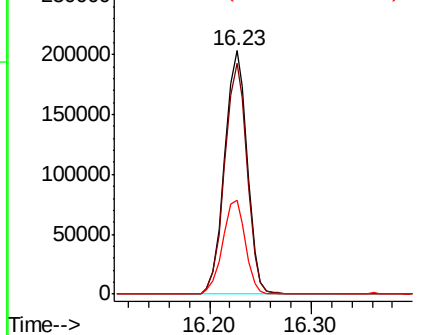
Tgt Ion:	330	Resp:	314851
Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.4	117.6
141	38.8	32.2	48.2

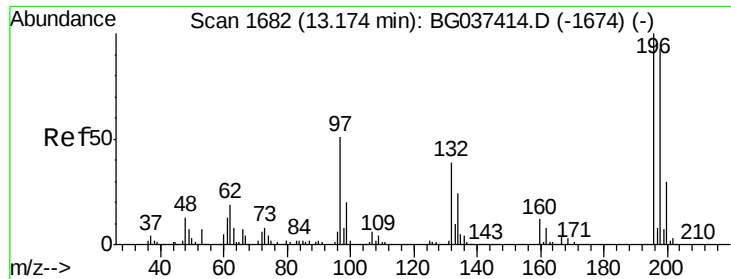


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

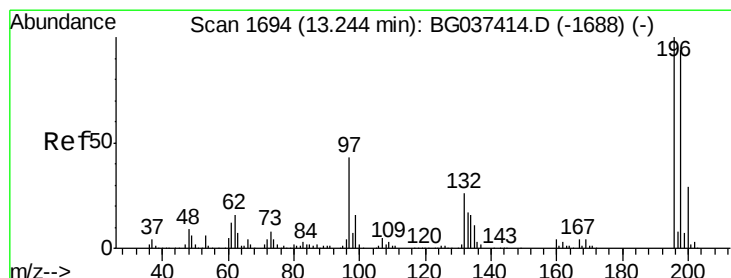
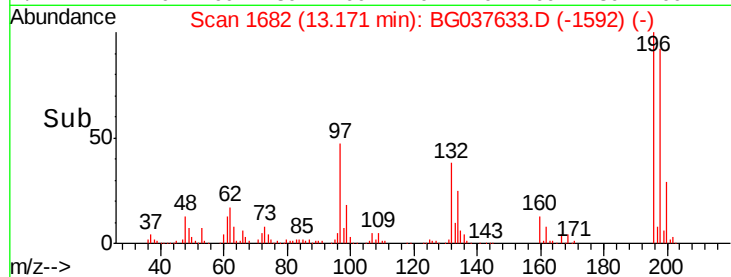
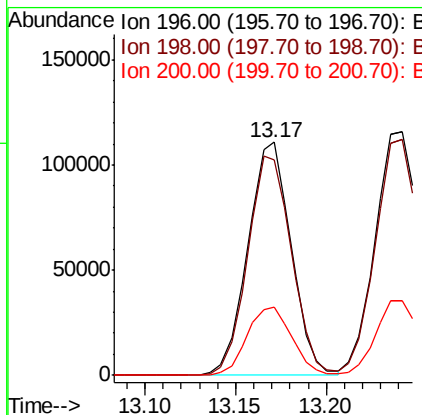
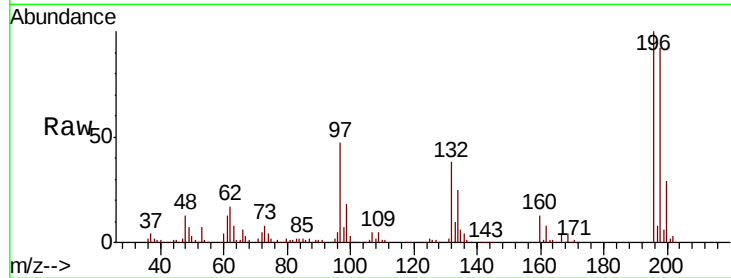




#43
 2,4,6-Trichlorophenol
 Concen: 43.992 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

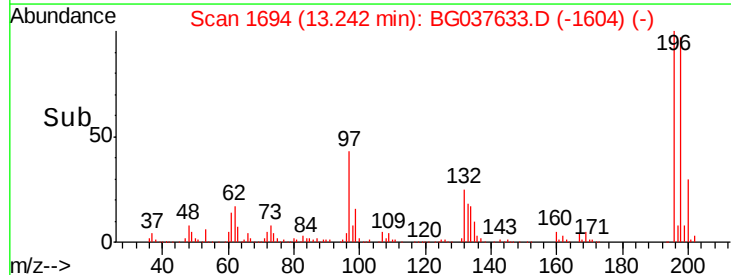
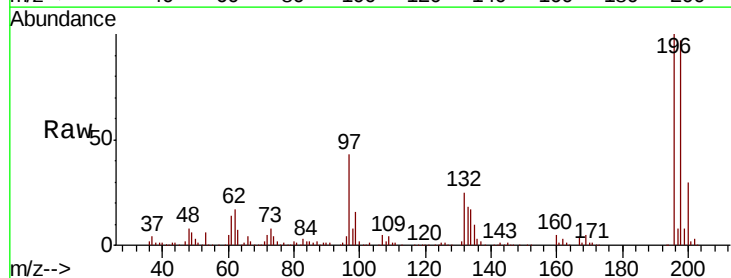
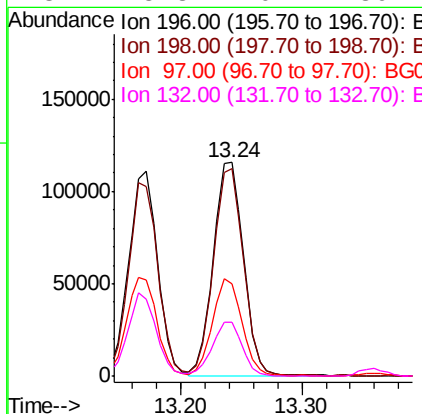
Instrument :
 BNA_G
 ClientSampleId :

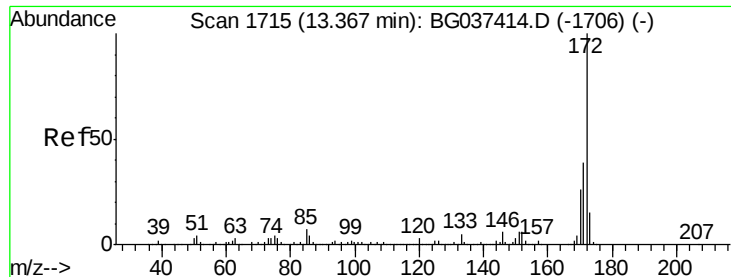
Tot Ion	196	Resp	183900
Ion	Ratio	Lower	Upper
196	100		
198	92.3	76.4	114.6
200	29.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.761 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion	196	Resp	199172
Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.2	111.2
97	43.4	34.1	51.1
132	25.3	20.2	30.4

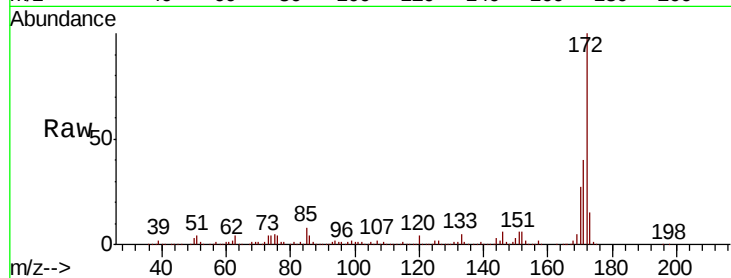




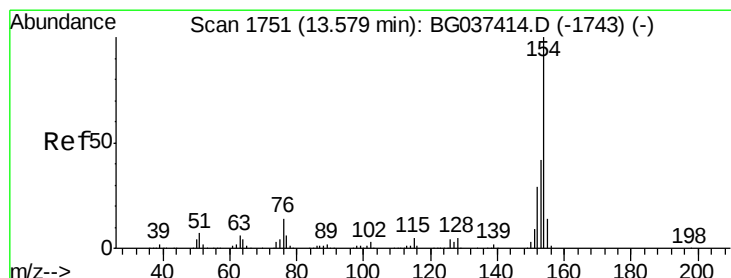
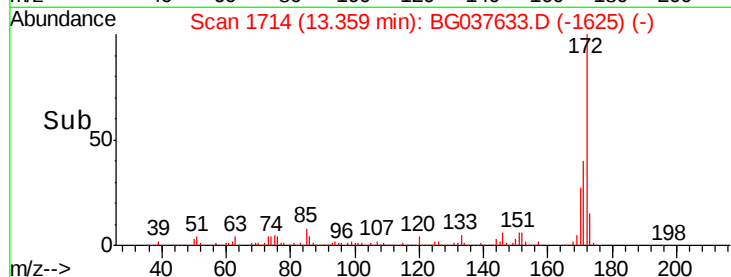
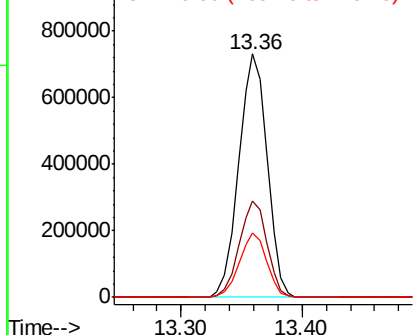
#45
2-Fluorobiphenyl
Concen: 93.117 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1197883
Ion Ratio Lower Upper
172 100
171 39.8 31.0 46.4
170 26.6 20.2 30.2

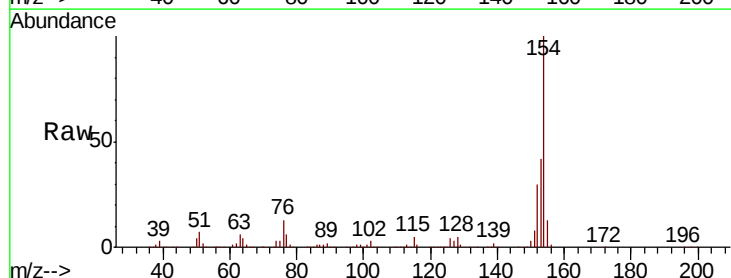


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

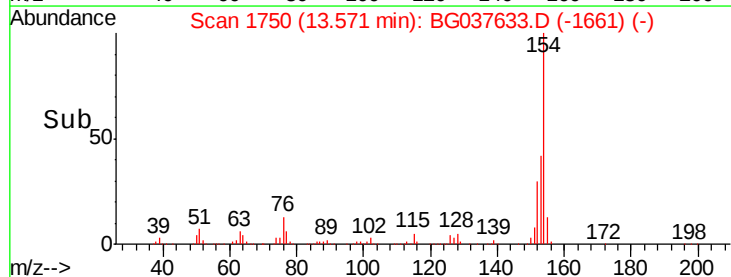
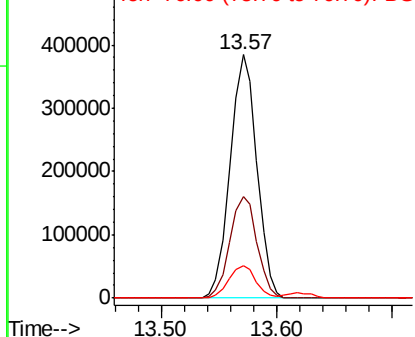


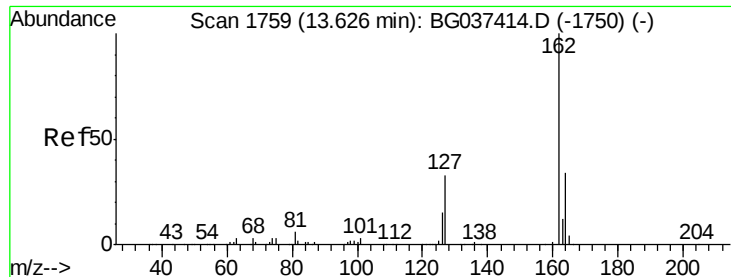
#46
1,1'-Biphenyl
Concen: 38.219 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:154 Resp: 614000
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 13.5 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

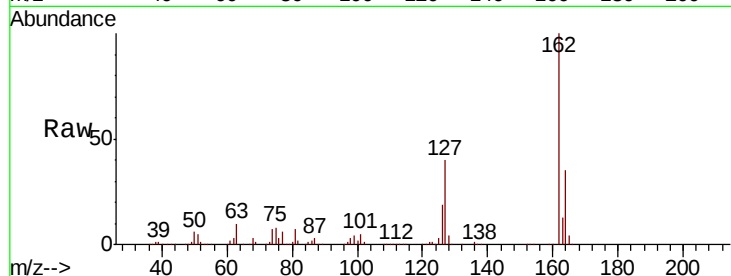




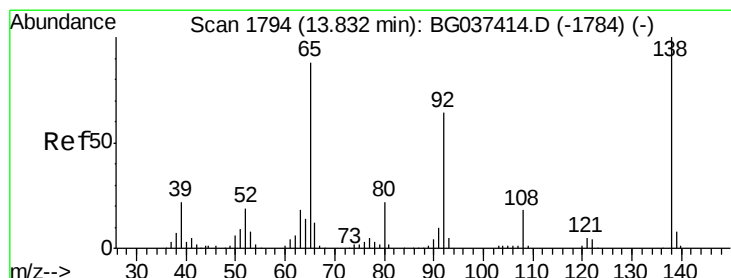
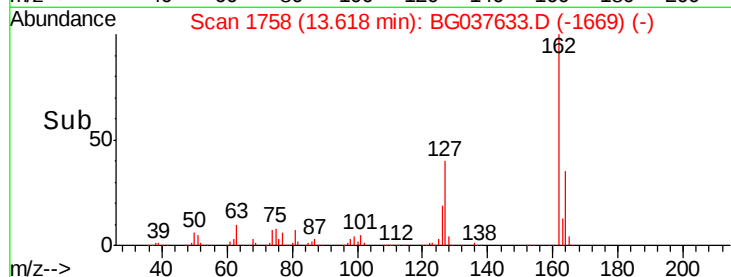
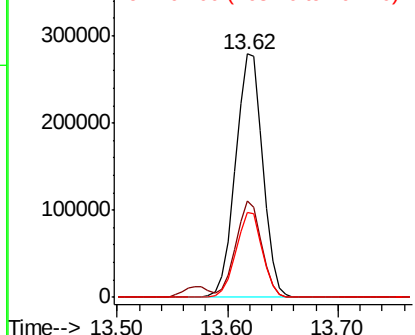
#47
2-Chloronaphthalene
Concen: 39.695 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 482462
Ion Ratio Lower Upper
162 100
127 39.8 30.5 45.7
164 34.9 26.4 39.6

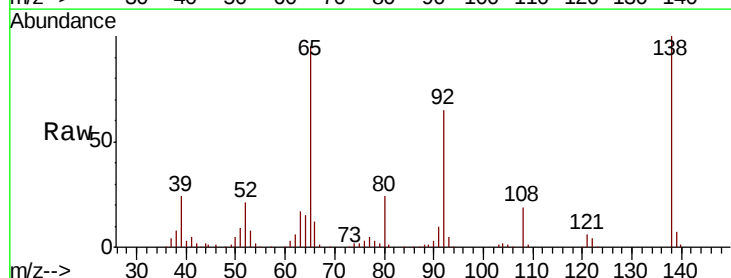


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

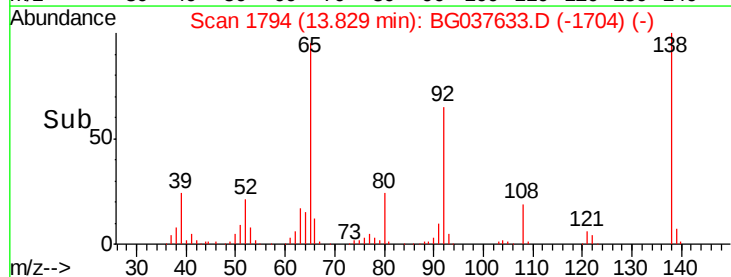
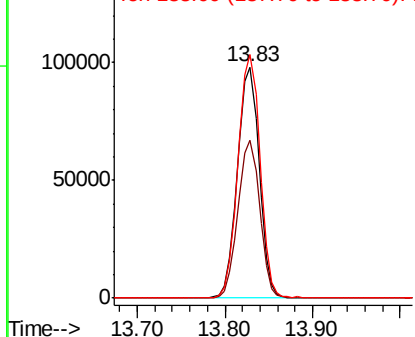


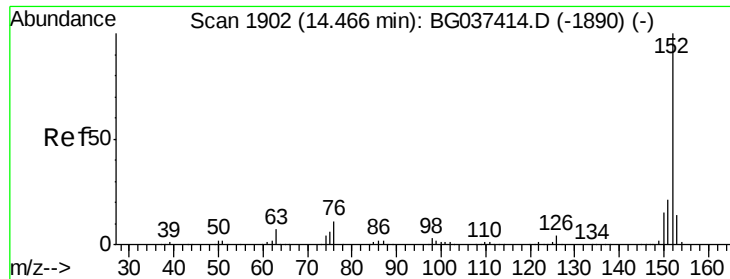
#48
2-Nitroaniline
Concen: 44.652 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion: 65 Resp: 164578
Ion Ratio Lower Upper
65 100
92 68.6 53.2 79.8
138 105.5 79.3 118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.818 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

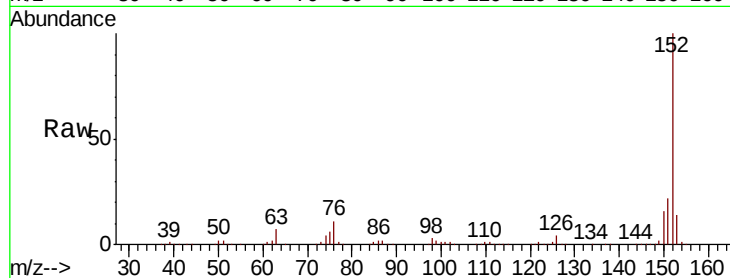
Tot Ion:152 Resp: 801128

Ion Ratio Lower Upper

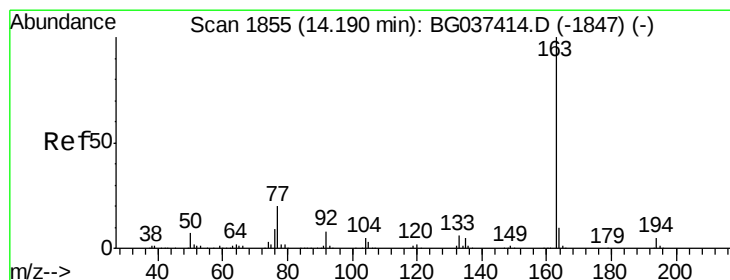
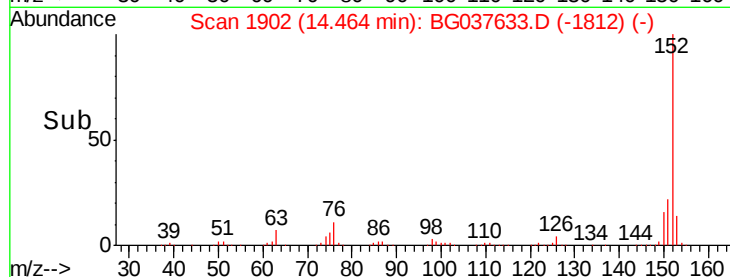
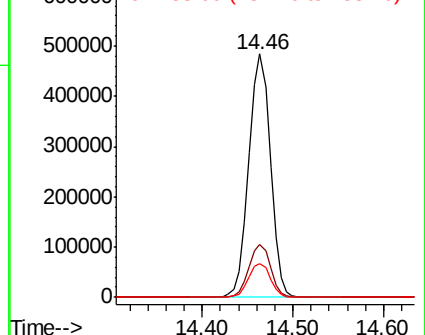
152 100

151 21.9 17.1 25.7

153 13.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.886 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

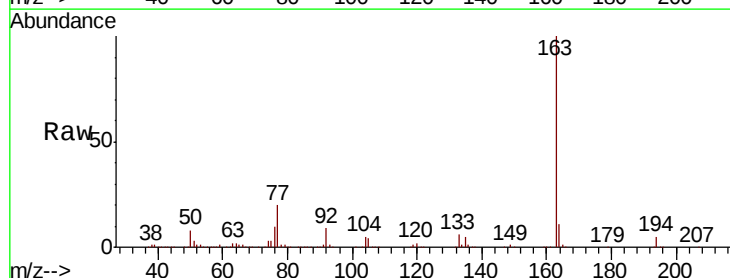
Tgt Ion:163 Resp: 823683

Ion Ratio Lower Upper

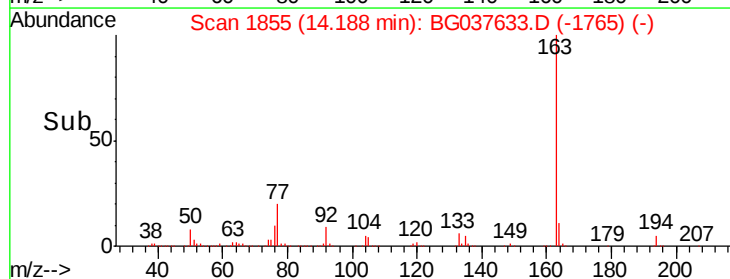
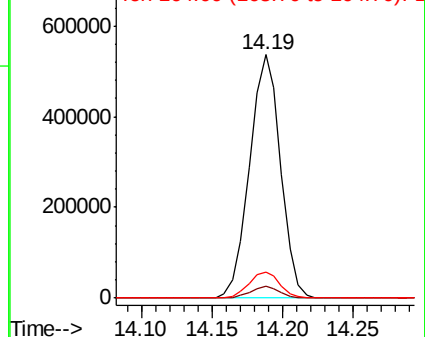
163 100

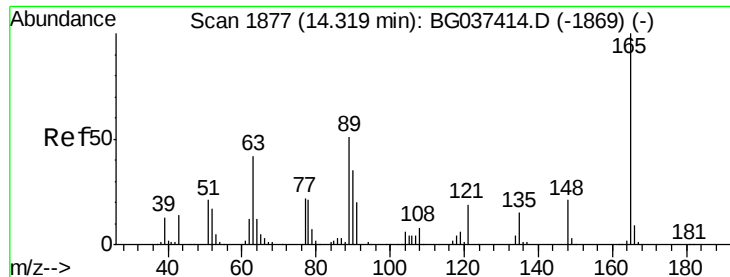
194 4.7 3.5 5.3

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.141 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampled :

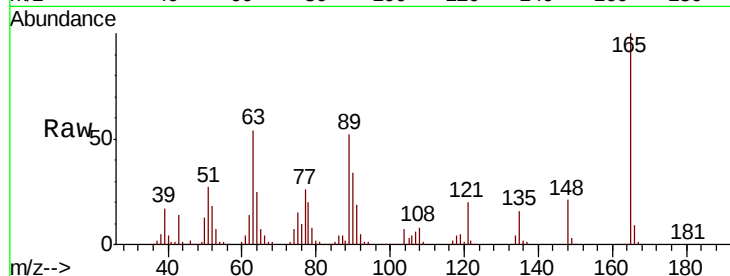
Tot Ion:165 Resp: 143224

Ion Ratio Lower Upper

165 100

63 53.9 43.4 65.2

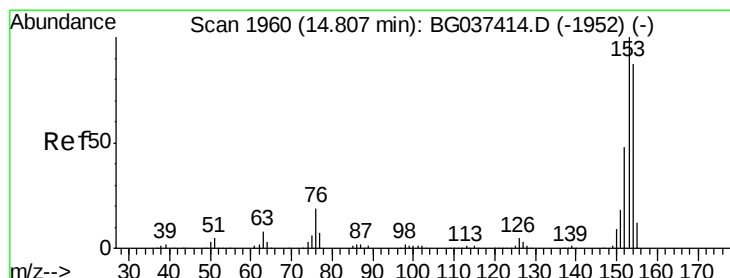
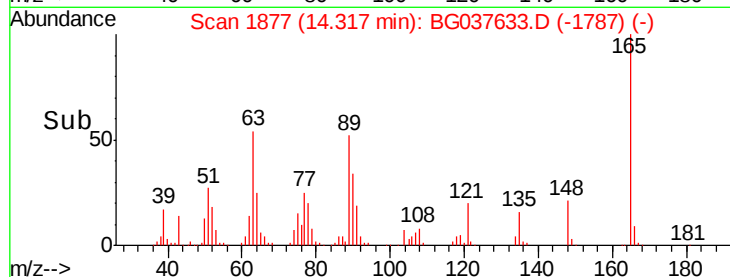
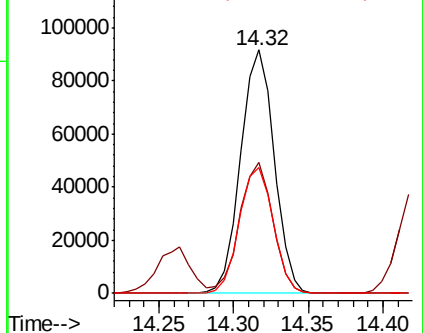
89 51.7 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.846 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

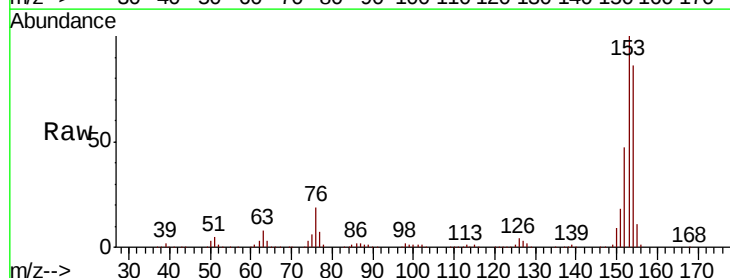
Tgt Ion:154 Resp: 471188

Ion Ratio Lower Upper

154 100

153 115.8 93.4 140.0

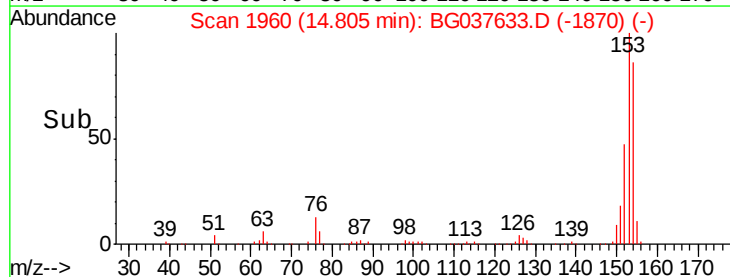
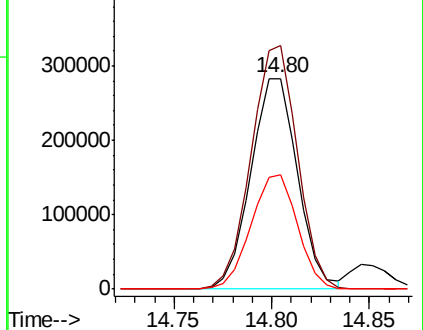
152 54.7 44.7 67.1

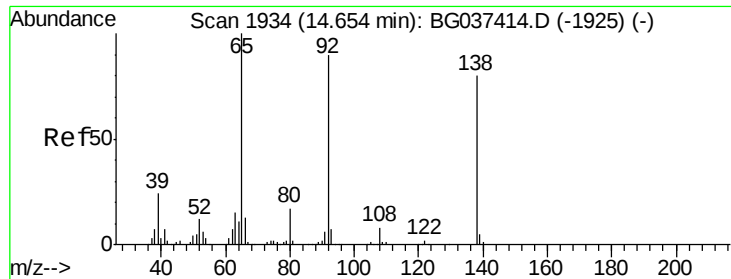


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

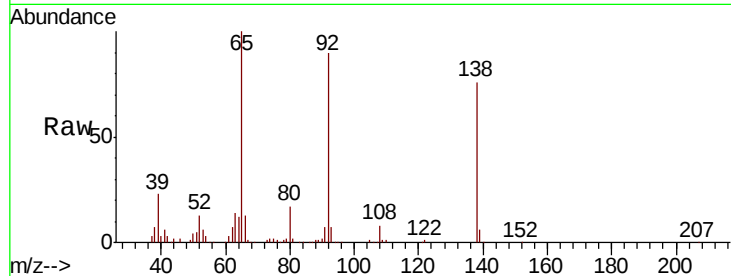




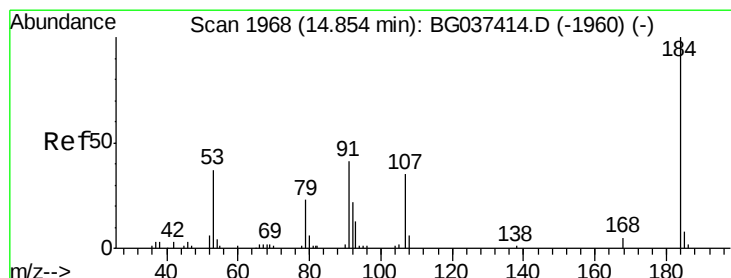
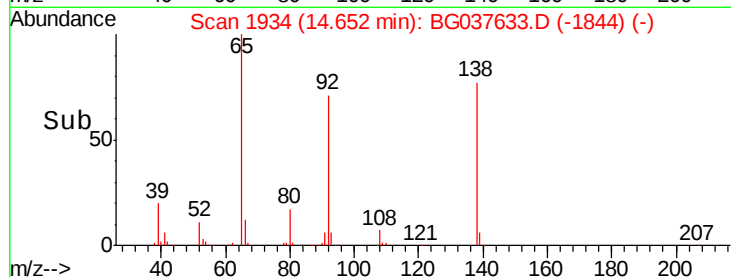
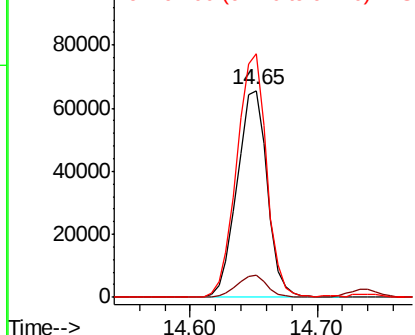
#53
 3-Nitroaniline
 Concen: 29.445 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 108519
 Ion Ratio Lower Upper
 138 100
 108 10.7 11.0 16.6#
 92 117.7 95.2 142.8

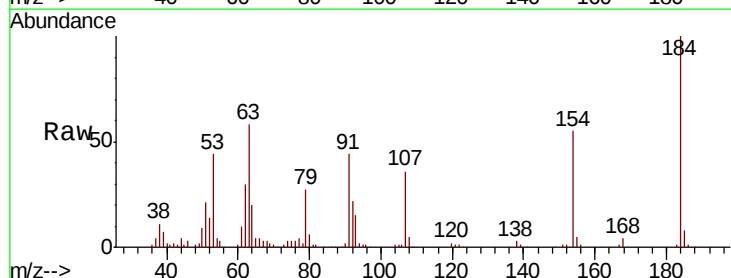


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

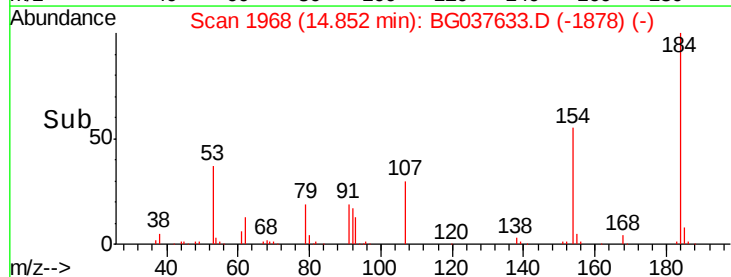
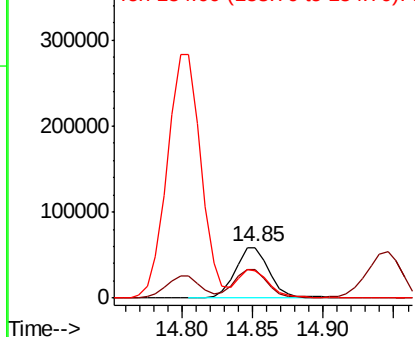


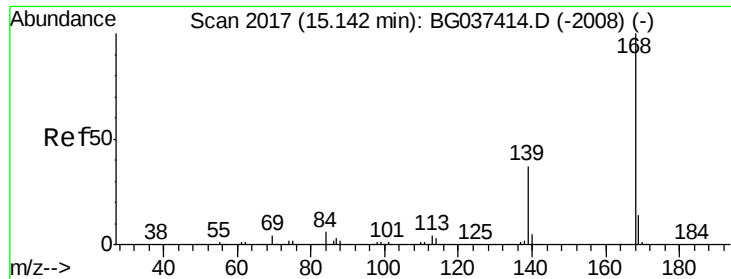
#54
 2,4-Dinitrophenol
 Concen: 72.233 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion:184 Resp: 99575
 Ion Ratio Lower Upper
 184 100
 63 57.5 42.6 63.8
 154 55.0 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

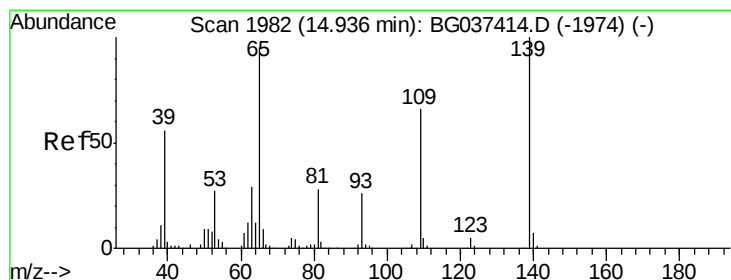
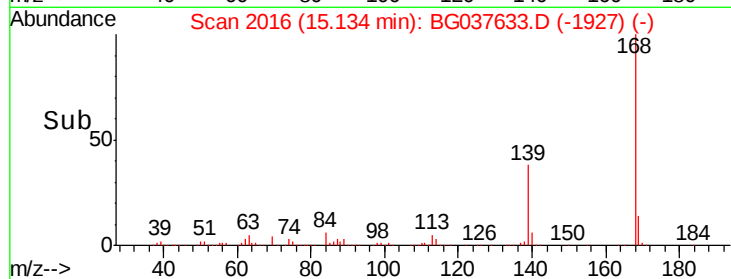
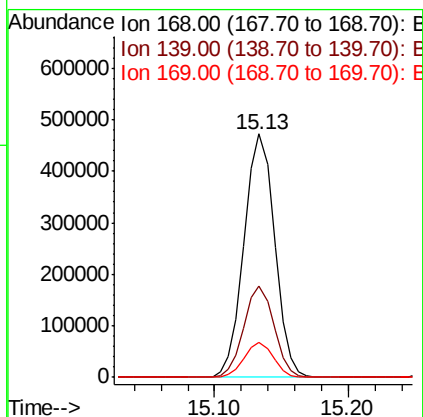
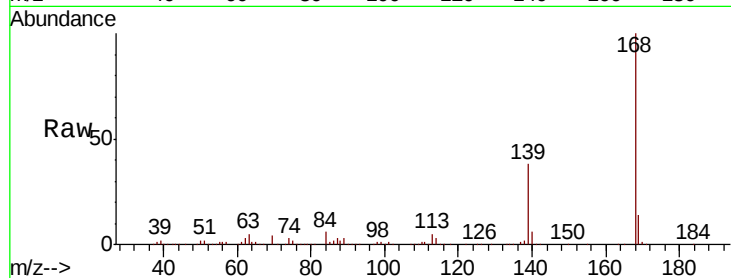




#55
Dibenzofuran
Concen: 40.111 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

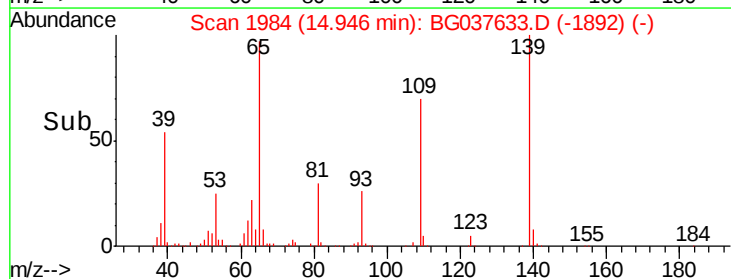
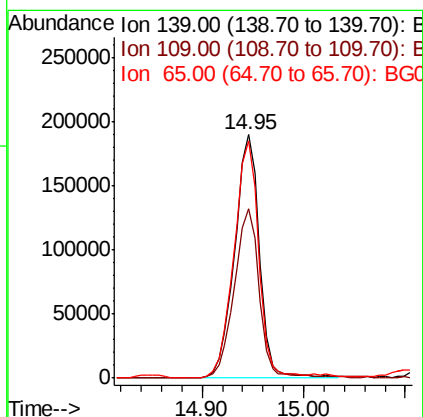
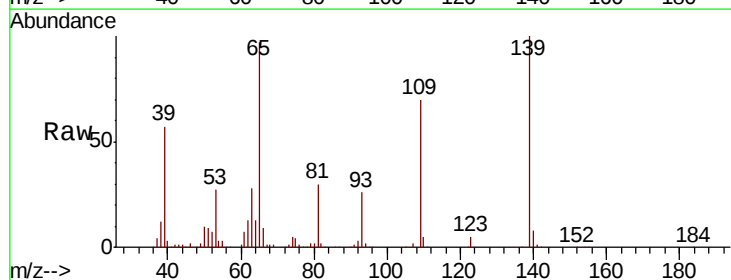
Instrument :
BNA_G
ClientSampleId :

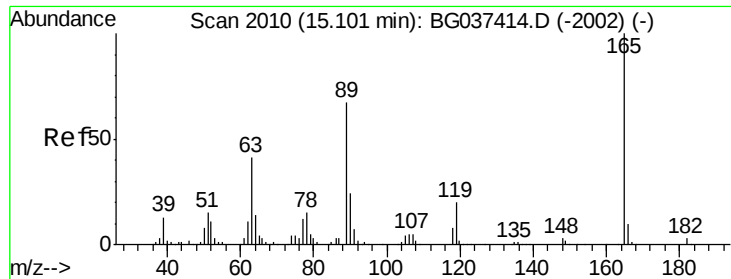
Tot Ion:168 Resp: 748299
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.0
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 118.509 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:139 Resp: 323294
Ion Ratio Lower Upper
139 100
109 69.6 49.5 89.5
65 97.4 76.8 116.8

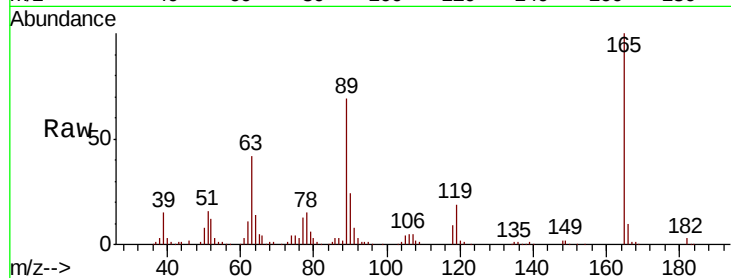




#57
2,4-Dinitrotoluene
Concen: 45.707 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.4	50.0
89	69.0	57.2	85.8
182	2.9	2.6	4.0



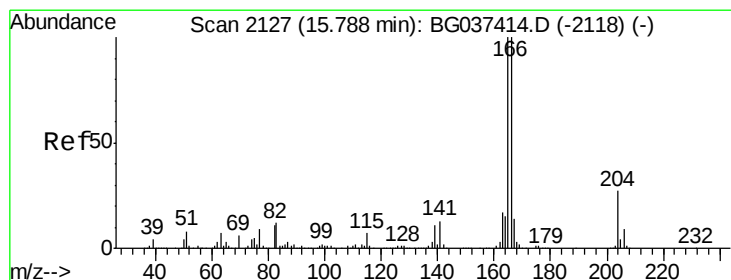
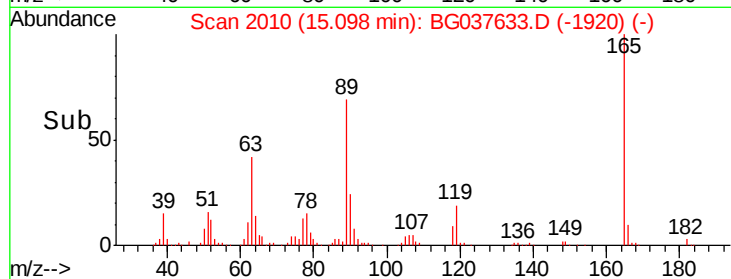
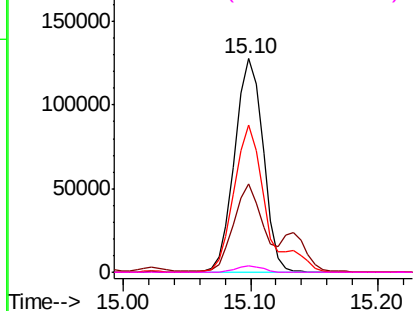
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

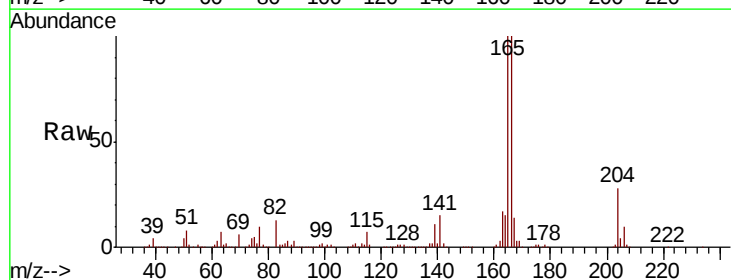
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.962 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.6
167	14.3	11.3	16.9

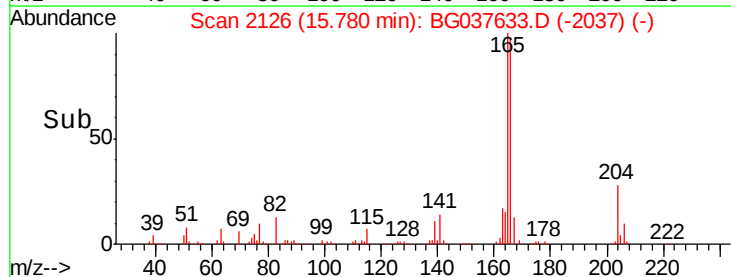
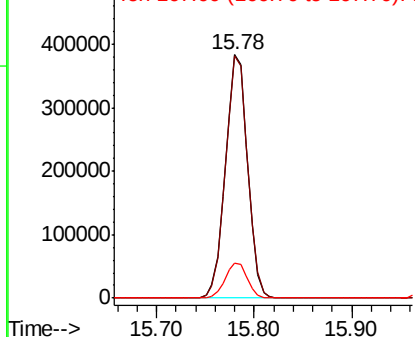


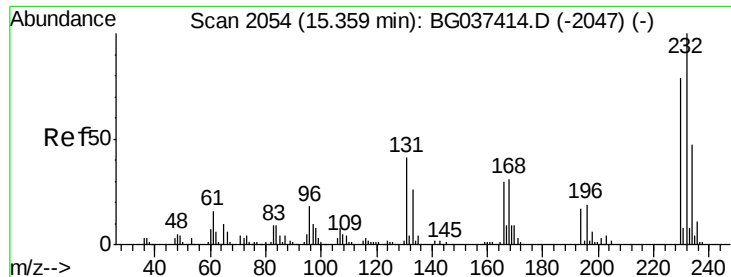
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

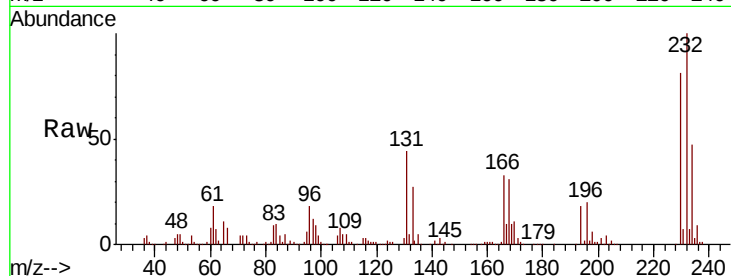




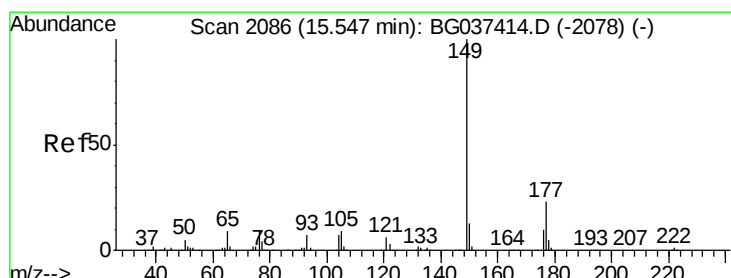
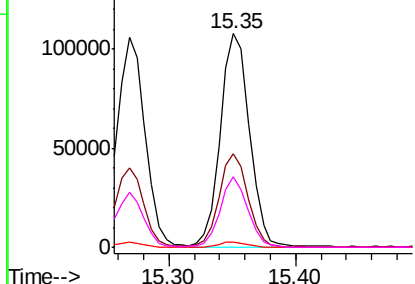
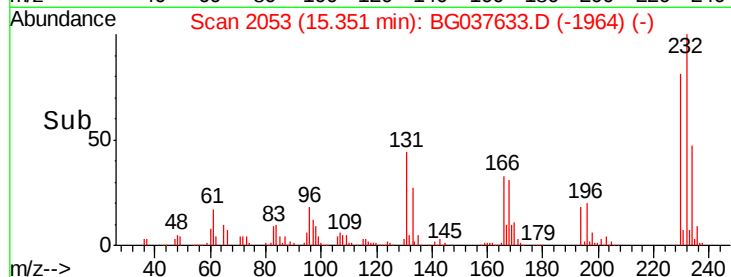
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.474 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	173308
Ion Ratio	Lower	Upper
232	100	
131	43.3	33.7 50.5
130	2.4	2.1 3.1
166	31.2	24.6 36.8

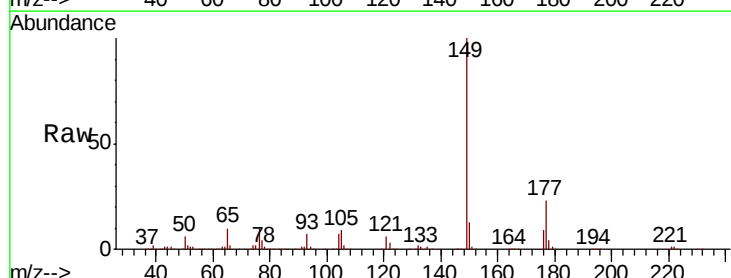


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

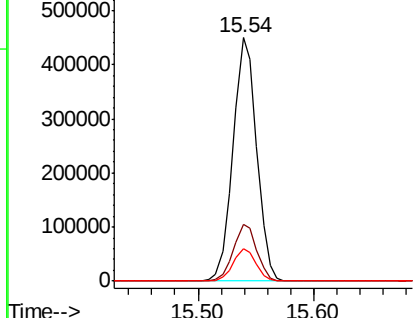
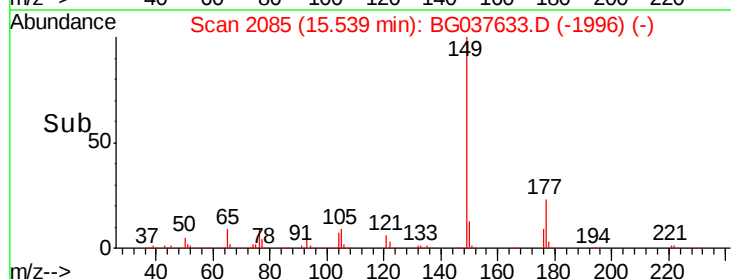


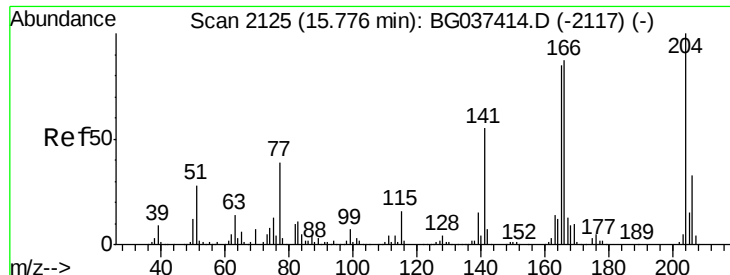
#60
 Diethylphthalate
 Concen: 41.275 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion:149	Resp:	635924
Ion Ratio	Lower	Upper
149	100	
177	23.3	18.3 27.5
150	13.1	10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

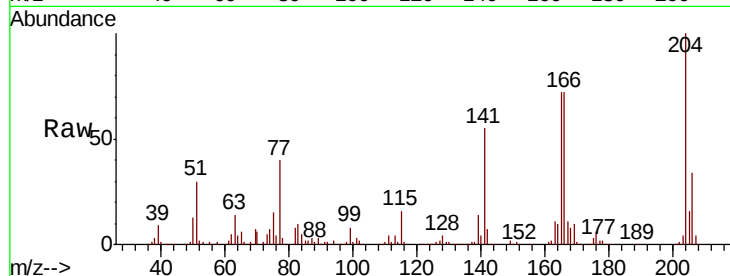




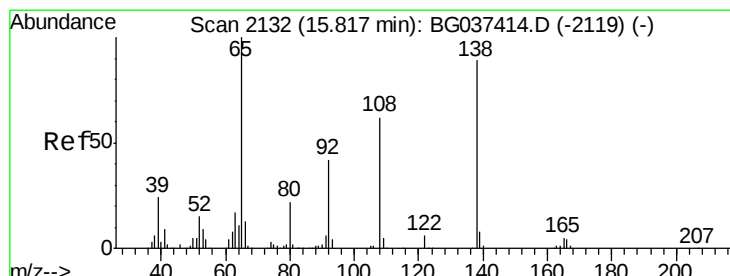
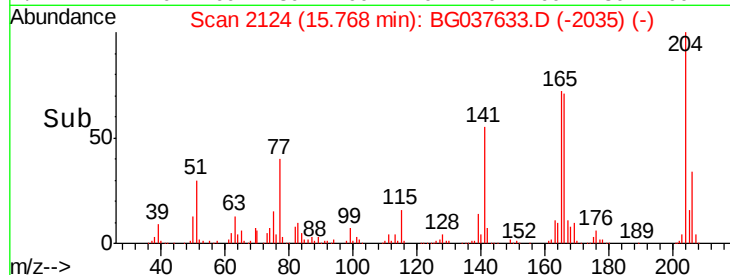
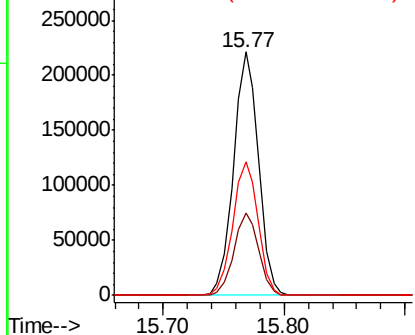
#61
4-Chlorophenyl-phenylether
Concen: 38.881 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 316603
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 55.1 45.4 68.2

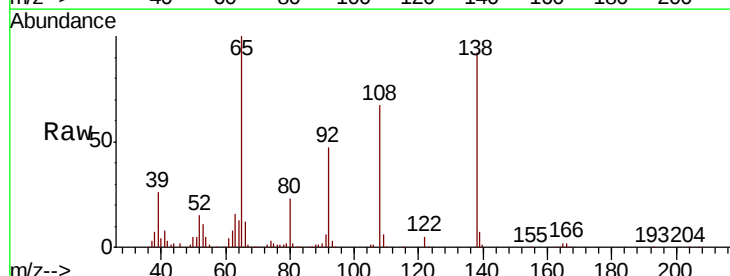


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

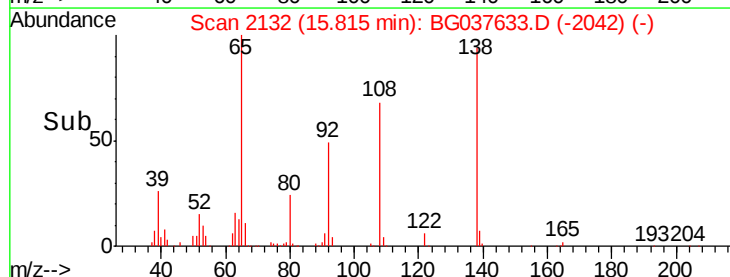
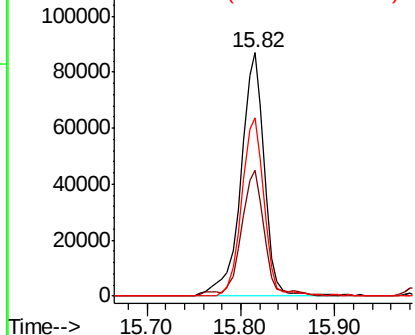


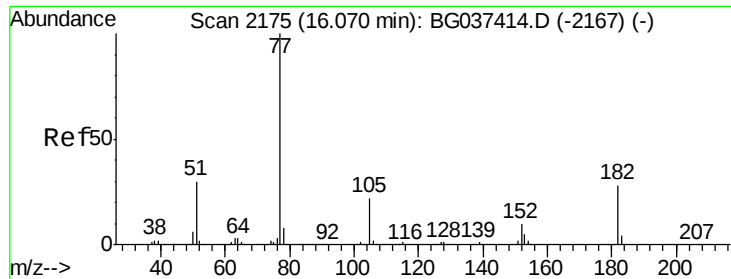
#62
4-Nitroaniline
Concen: 40.818 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:138 Resp: 149482
Ion Ratio Lower Upper
138 100
92 51.7 36.4 76.4
108 73.0 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

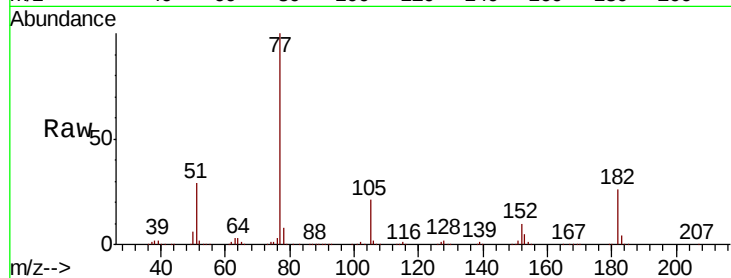




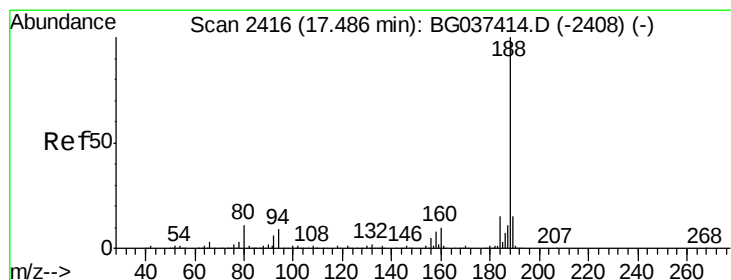
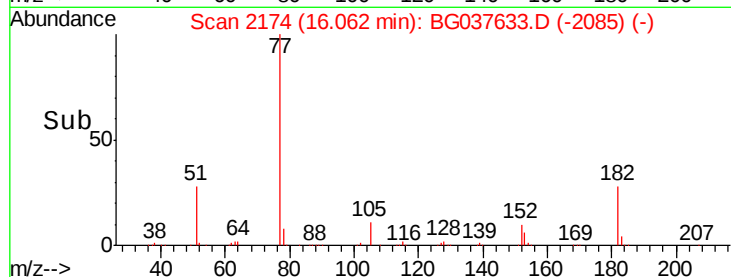
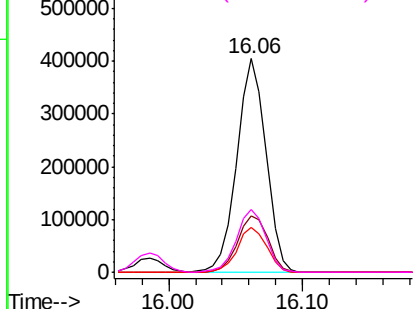
#63
Azobenzene
Concen: 41.508 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	610178
Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.0	48.0
105	20.8	1.3	41.3
51	29.1	10.7	50.7

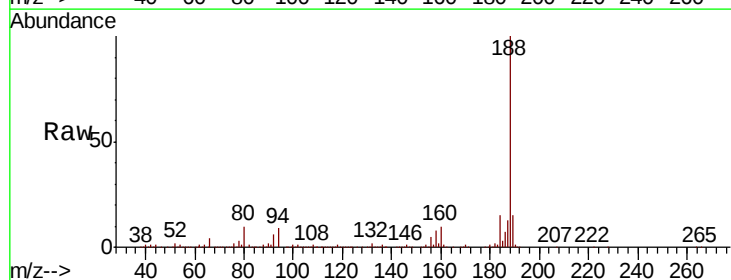


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

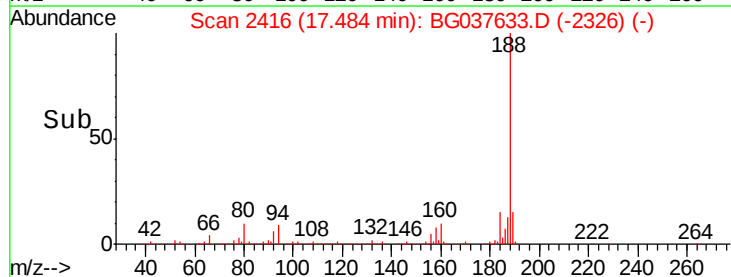
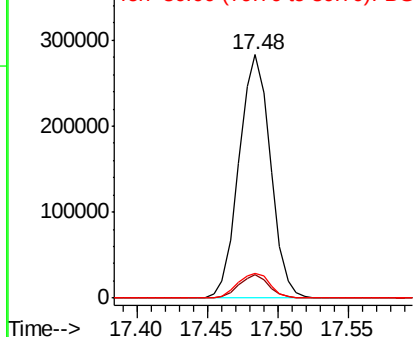


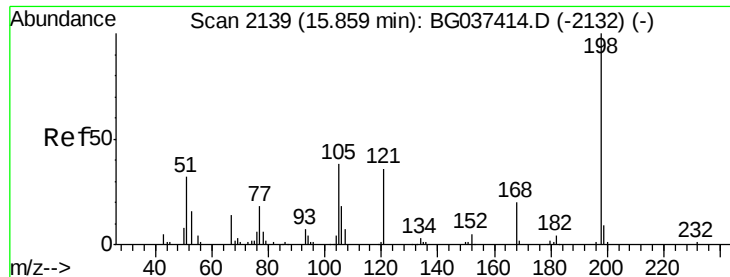
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:	188	Resp:	442436
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.3	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.530 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

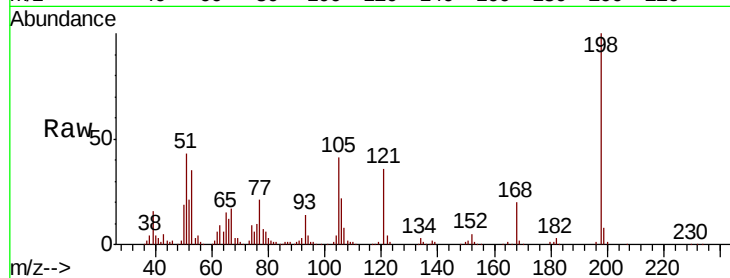
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 98828

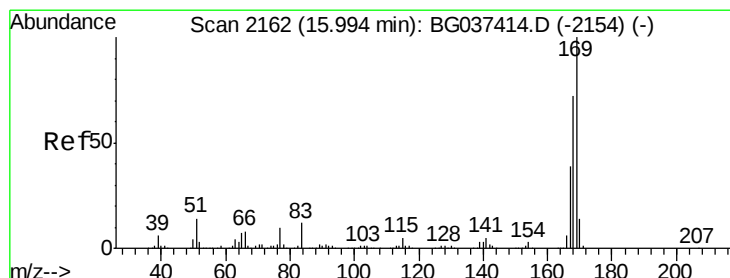
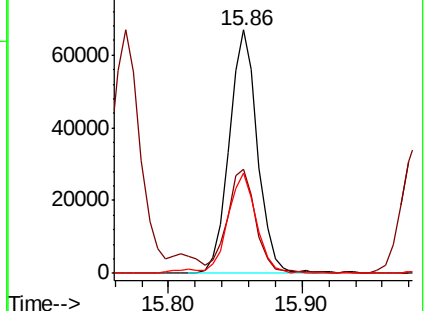
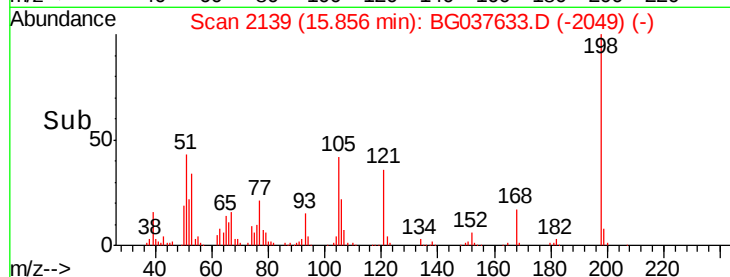
Ion	Ratio	Lower	Upper
198	100		
51	42.8	22.7	62.7
105	41.3	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037633.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 28.359 ng

RT: 15.99 min Scan# 2161

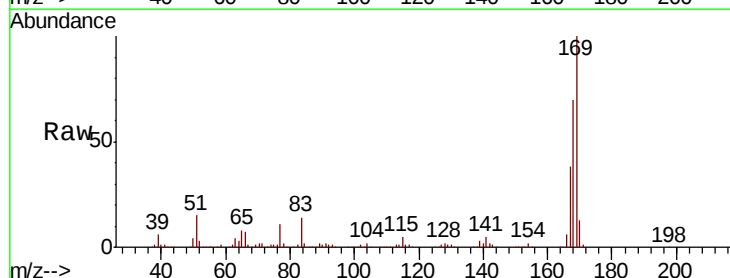
Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Tgt Ion:169 Resp: 377416

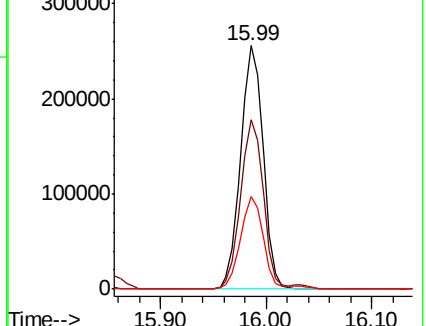
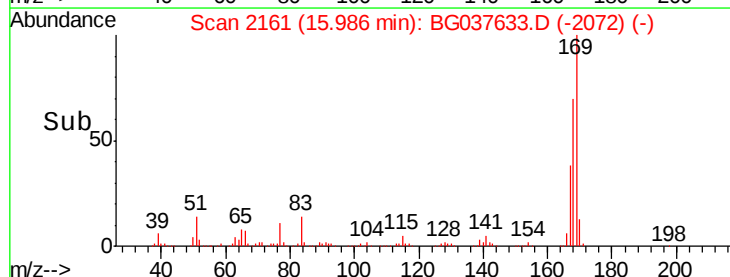
Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.7	83.5
167	38.2	31.3	46.9

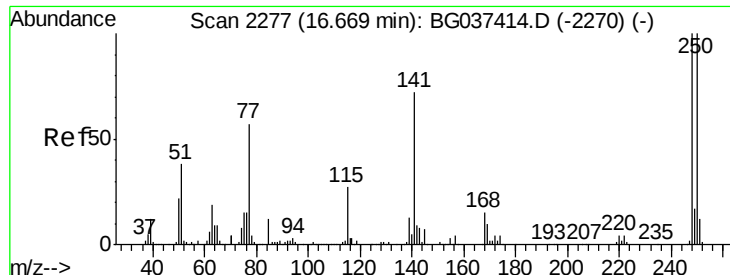


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

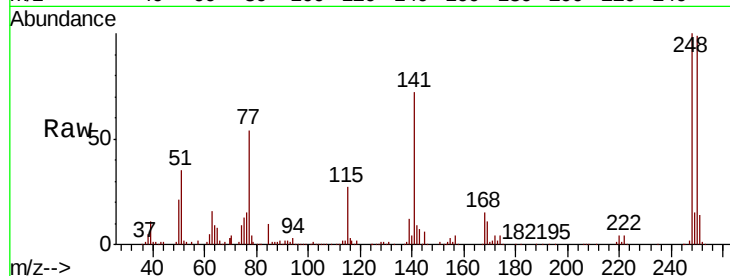




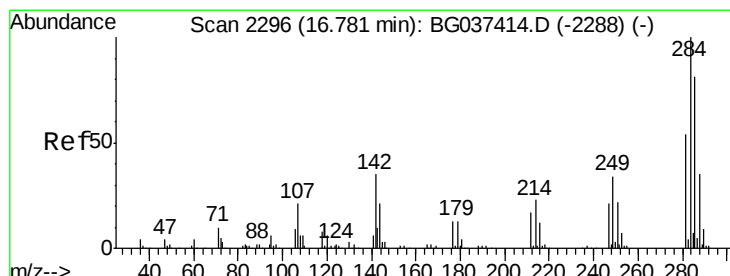
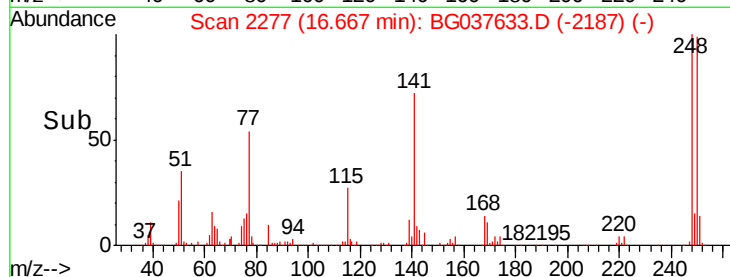
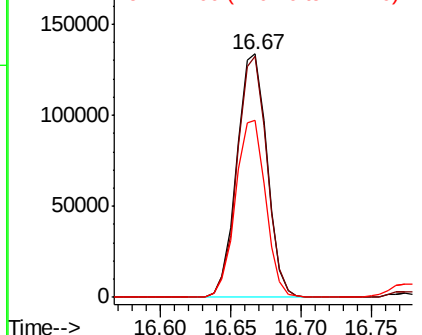
#67
4-Bromophenyl-phenylether
Concen: 41.093 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 199657
Ion Ratio Lower Upper
248 100
250 99.2 77.0 115.6
141 72.5 55.5 83.3

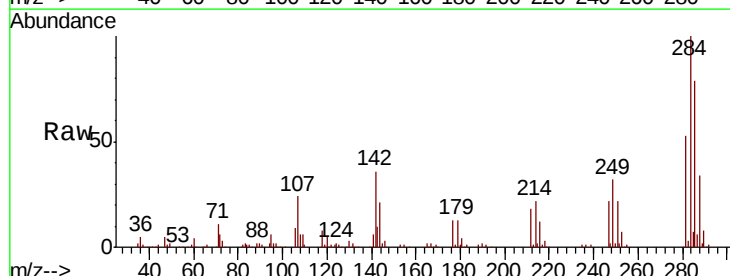


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

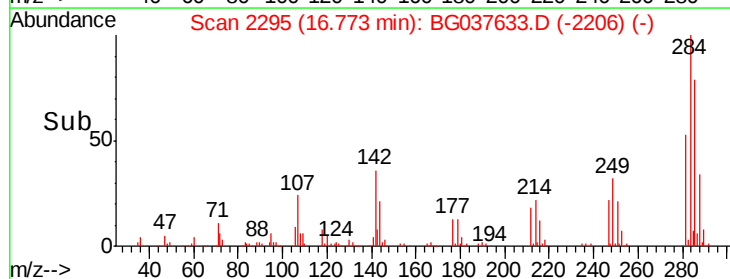
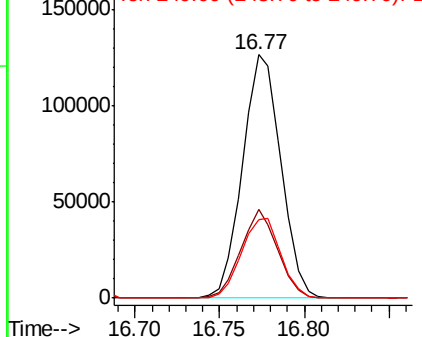


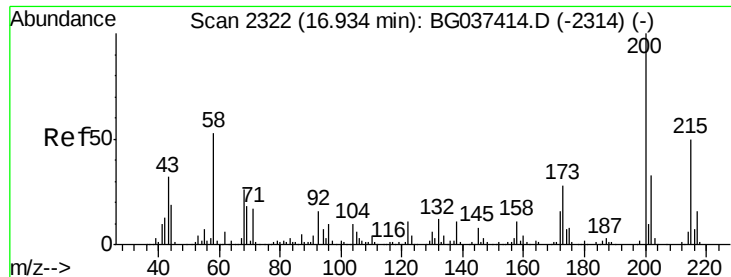
#68
Hexachlorobenzene
Concen: 39.511 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:284 Resp: 198959
Ion Ratio Lower Upper
284 100
142 36.5 28.1 42.1
249 34.6 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

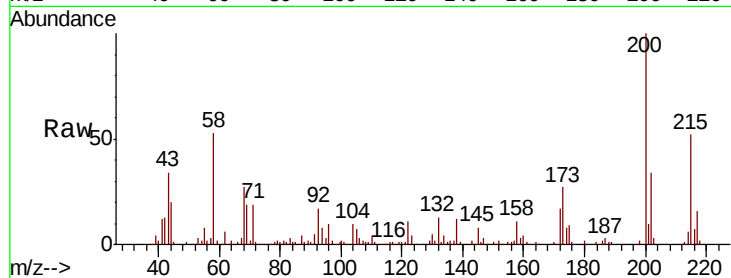




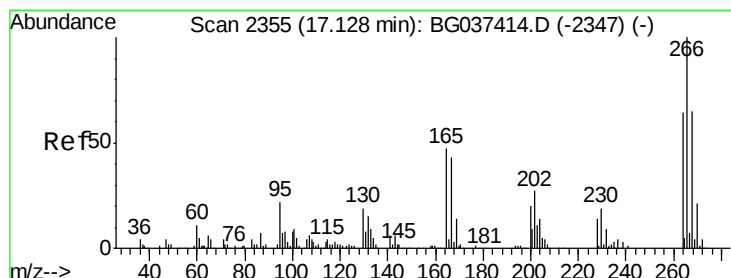
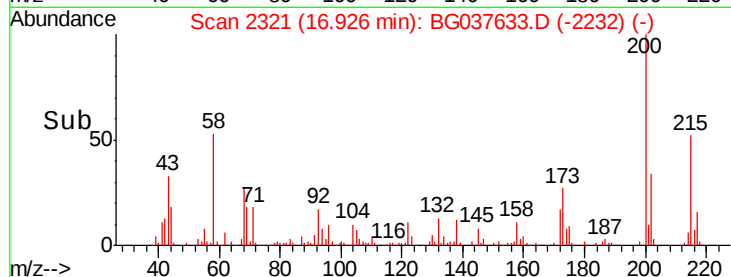
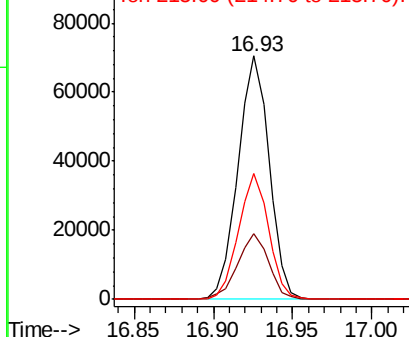
#69
 Atrazine
 Concen: 19.976 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 96119
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.1 46.1
 215 51.8 30.8 70.8

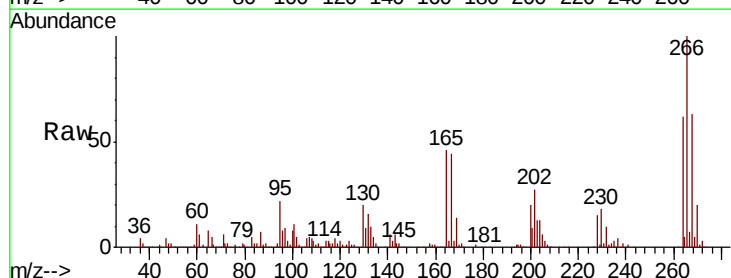


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

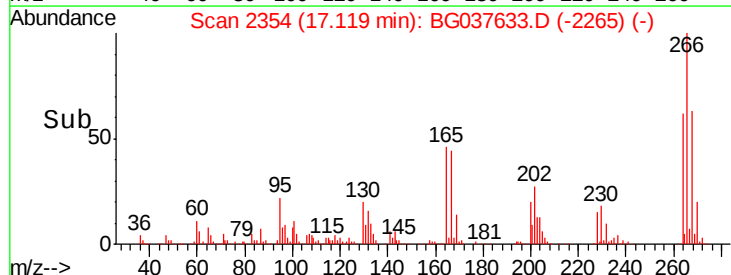
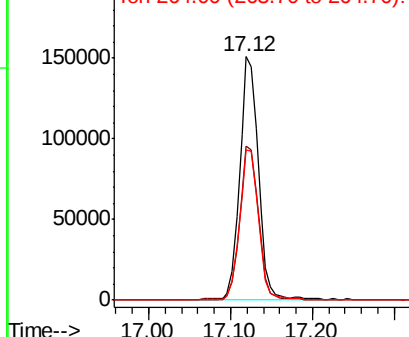


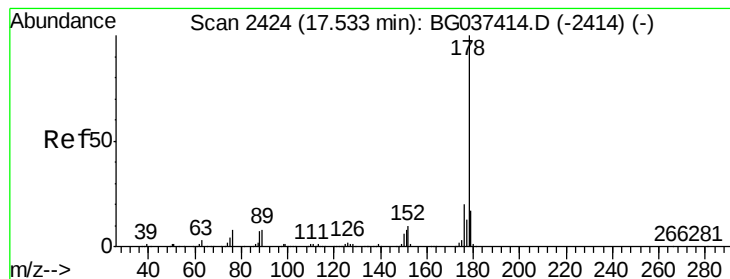
#70
 Pentachlorophenol
 Concen: 71.270 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion:266 Resp: 240392
 Ion Ratio Lower Upper
 266 100
 268 68.2 55.0 82.6
 264 66.4 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.912 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

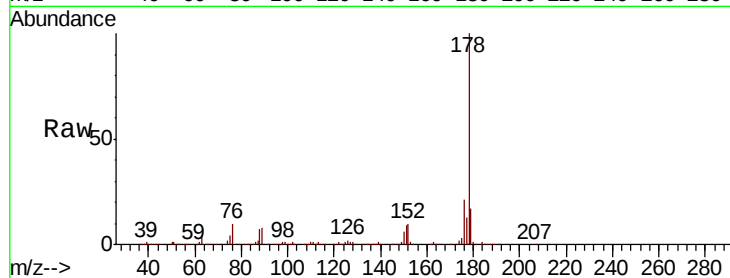
Tot Ion:178 Resp: 964926

Ion Ratio Lower Upper

178 100

176 20.8 16.1 24.1

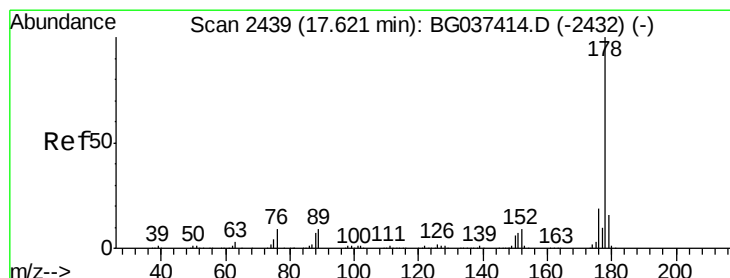
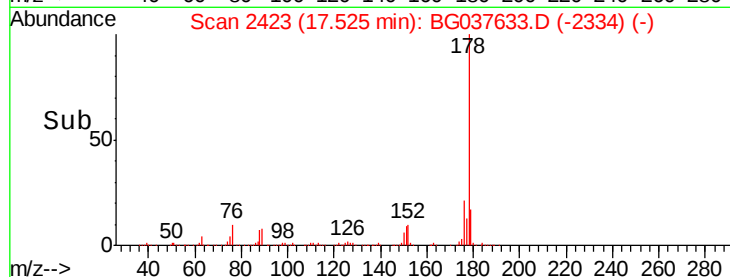
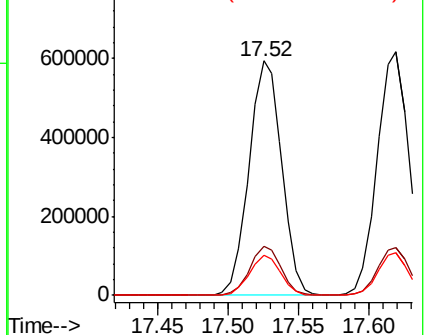
179 16.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.885 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

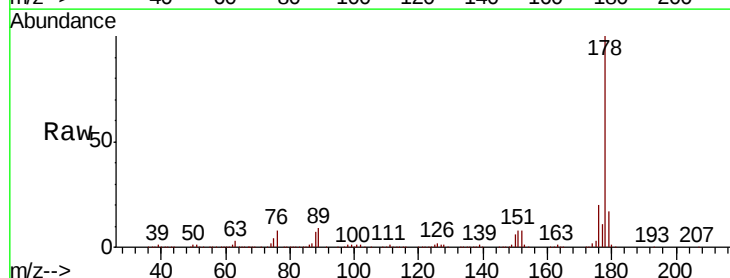
Tgt Ion:178 Resp: 968411

Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.4

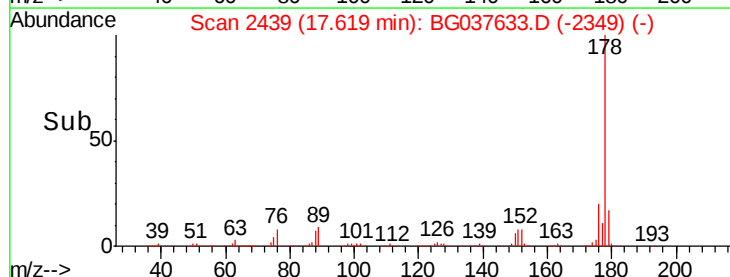
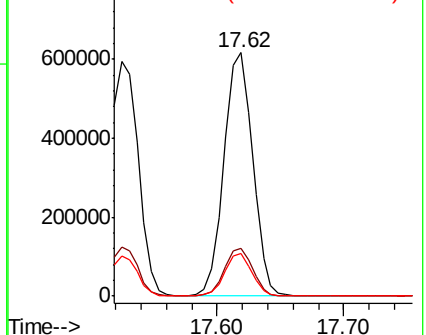
179 17.3 12.8 19.2

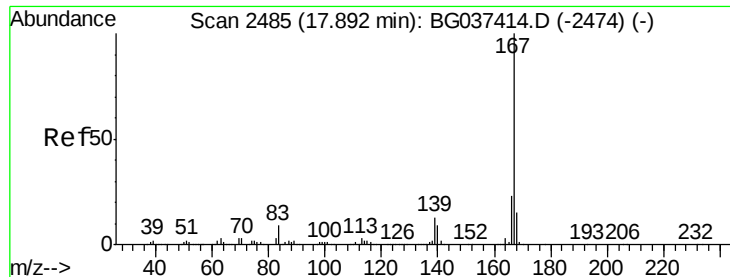


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

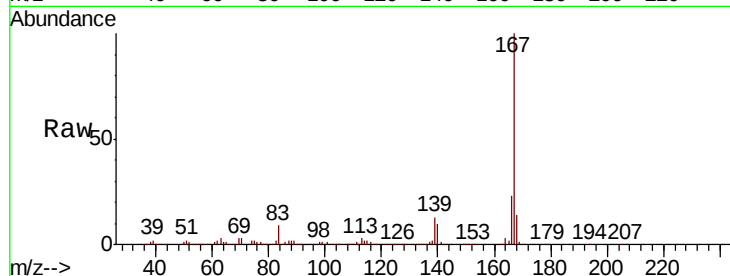




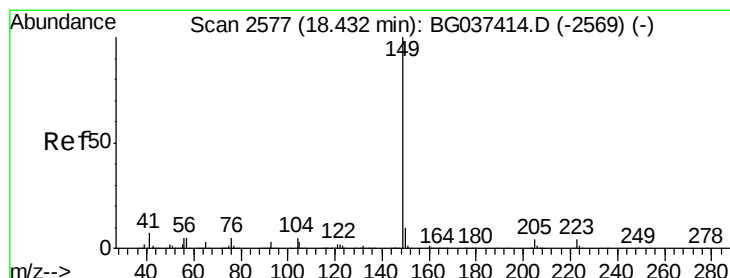
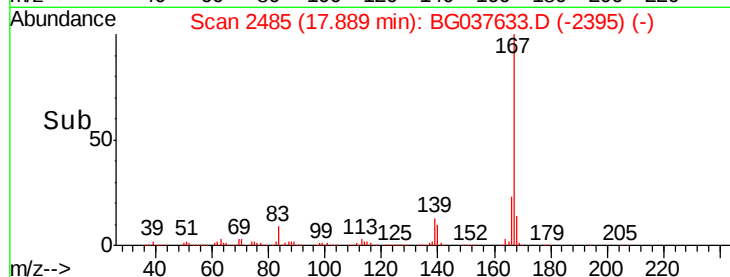
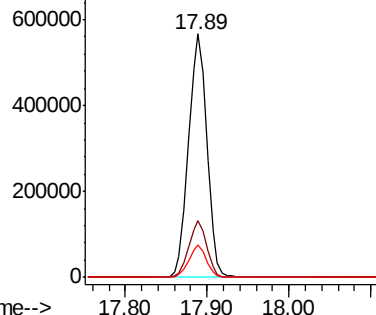
#73
 Carbazole
 Concen: 40.455 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	13.2	10.5	15.7

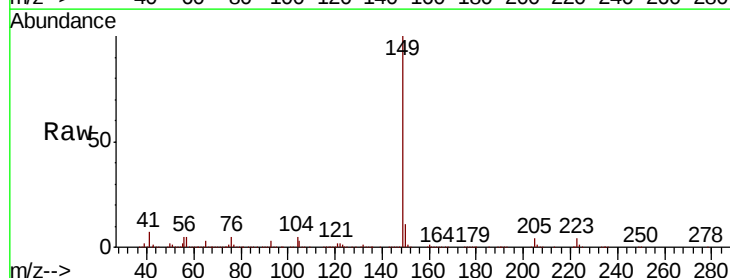


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

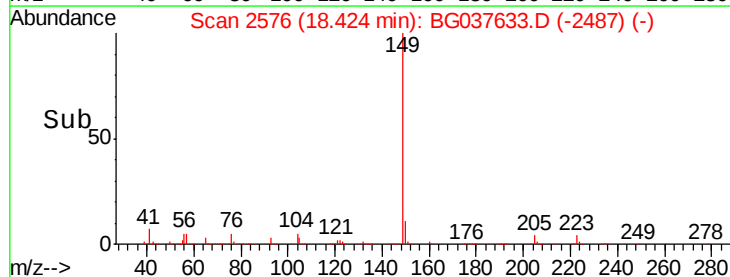
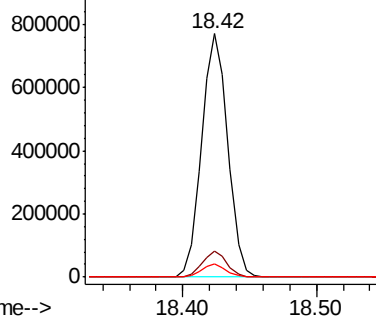


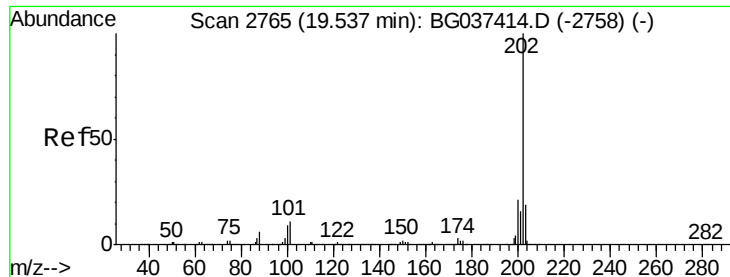
#74
 Di-n-butylphthalate
 Concen: 42.687 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	5.3	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.702 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

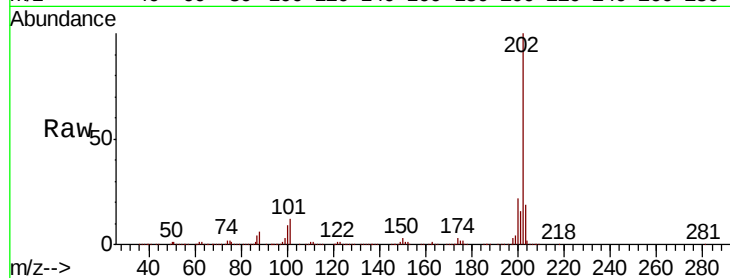
Tot Ion:202 Resp: 1089050

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.7

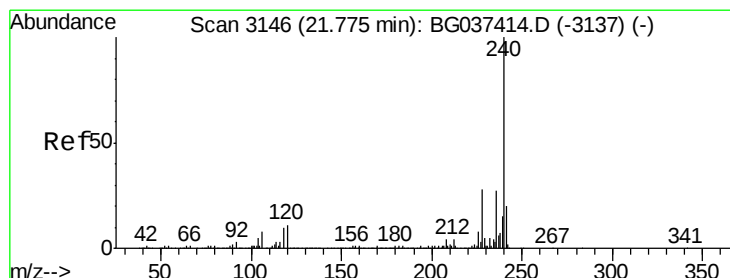
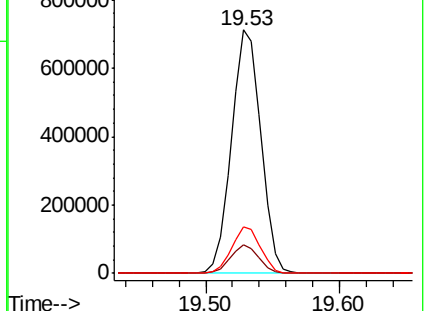
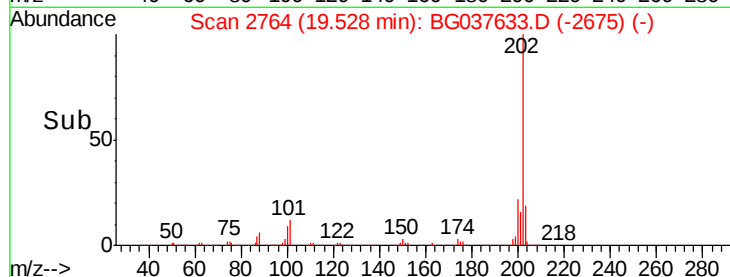
203 18.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

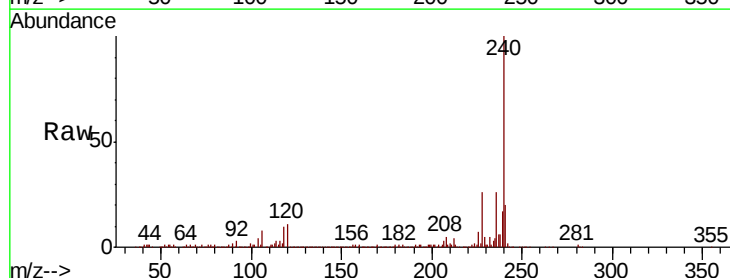
Tgt Ion:240 Resp: 376528

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

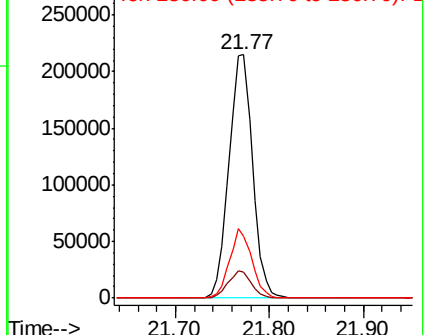
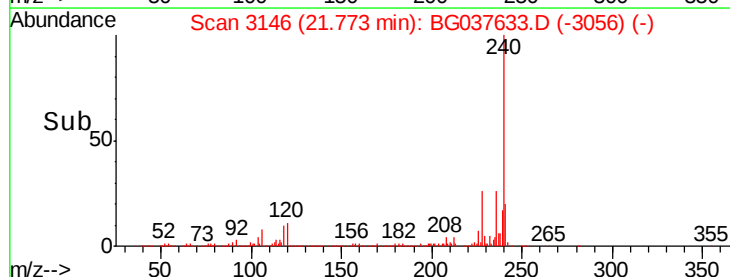
236 25.6 21.4 32.0

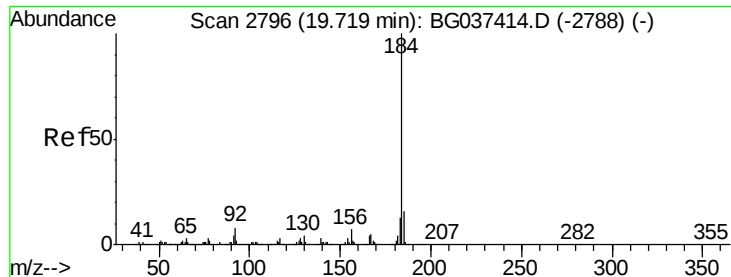


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.205 ng

RT: 20.08 min Scan# 2858

Delta R.T. 0.36 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampled :

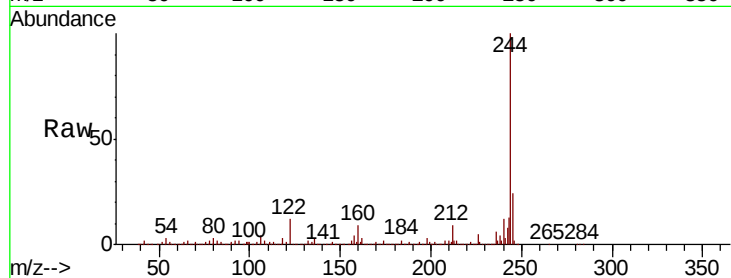
Tot Ion:184 Resp: 28234

Ion Ratio Lower Upper

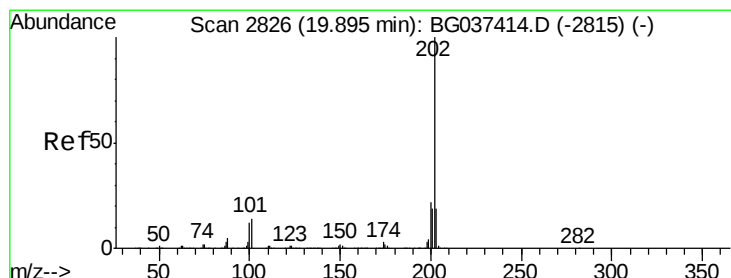
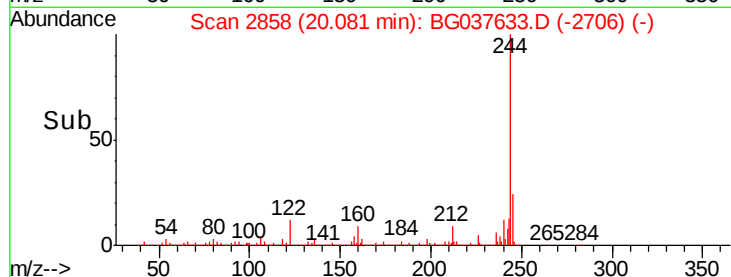
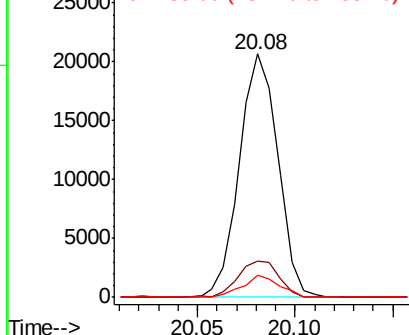
184 100

185 14.9 12.6 18.8

183 9.2 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.313 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

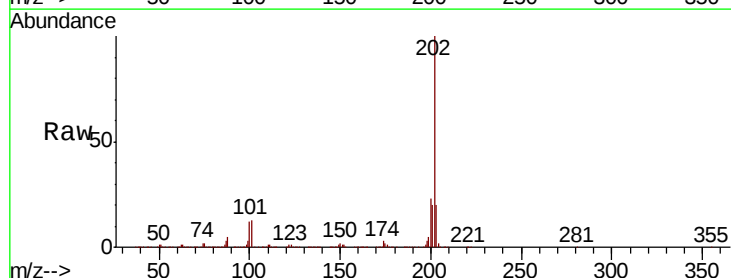
Tgt Ion:202 Resp: 1090731

Ion Ratio Lower Upper

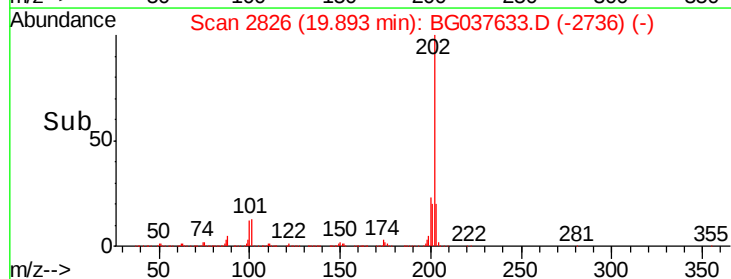
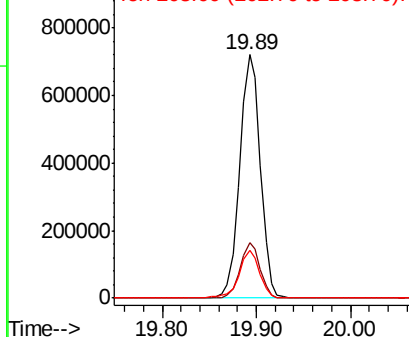
202 100

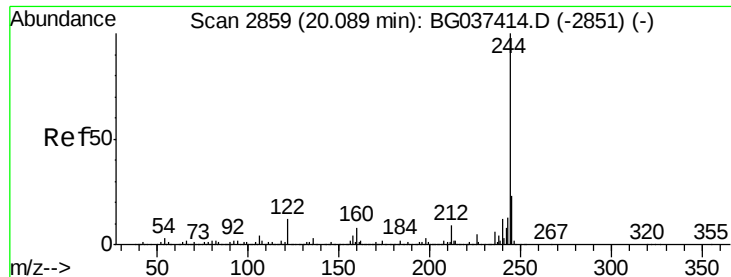
200 23.0 17.8 26.6

203 19.7 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.127 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

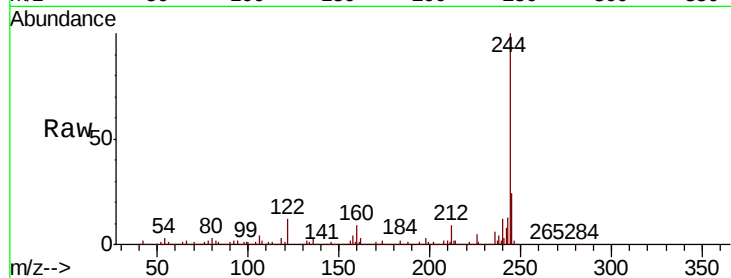
Tot Ion:244 Resp: 1605782

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

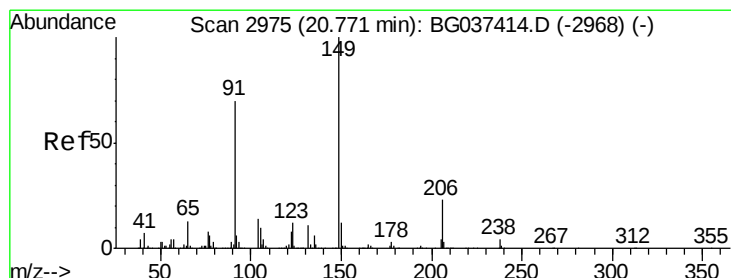
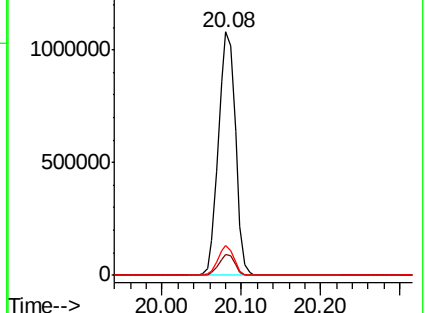
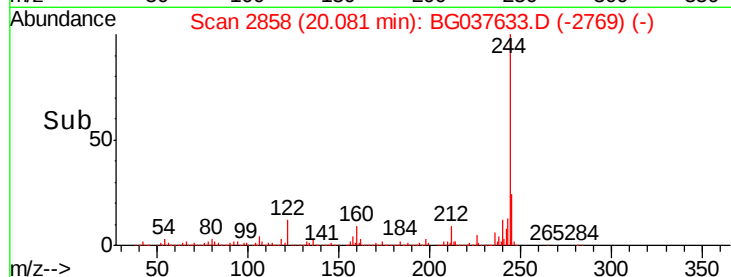
122 12.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.115 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

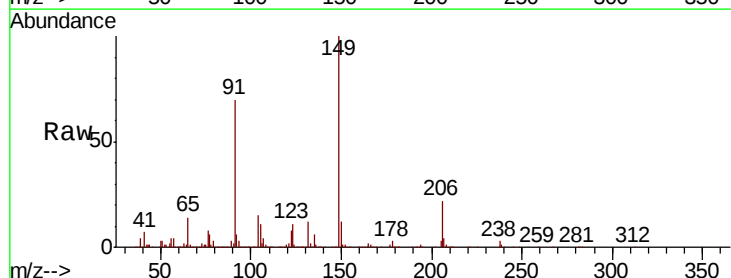
Tgt Ion:149 Resp: 474622

Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.4

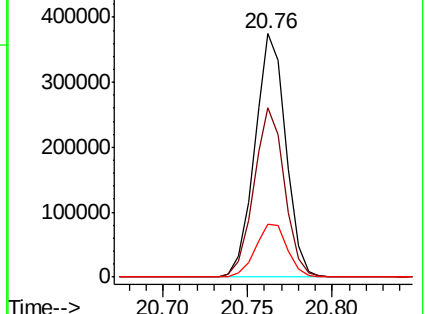
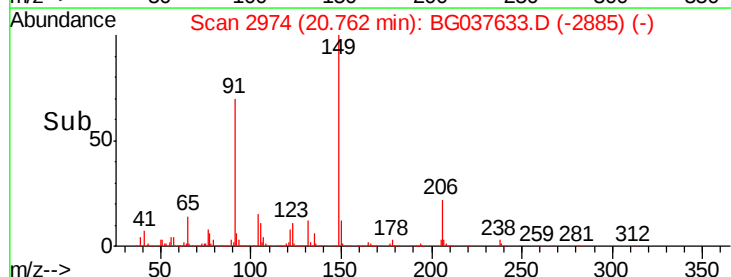
206 21.9 17.8 26.6

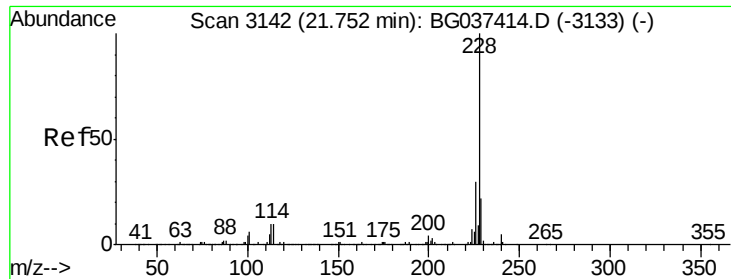


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.993 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

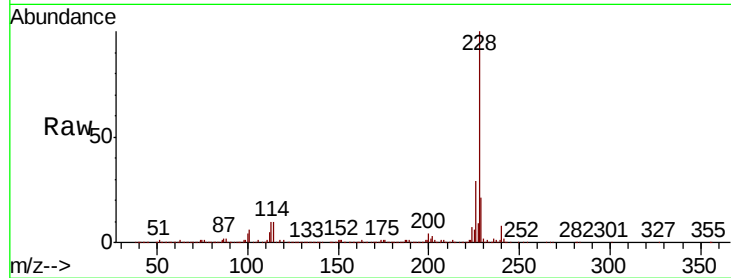
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1002051

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.2	16.3	24.5

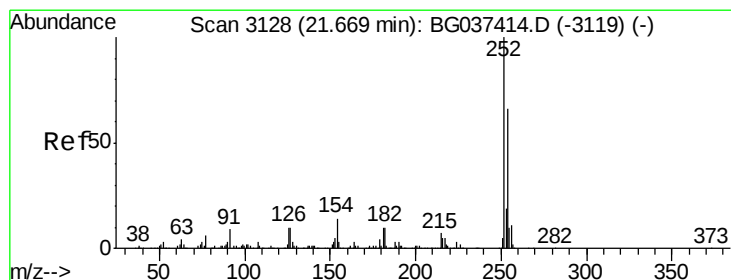
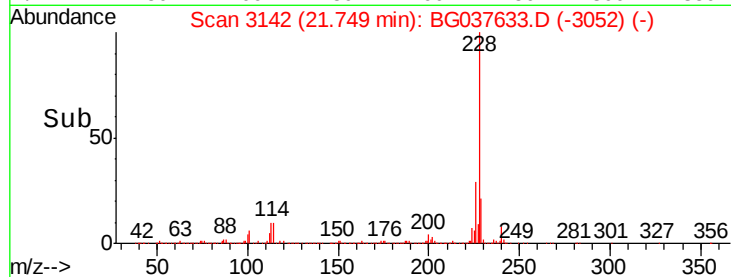
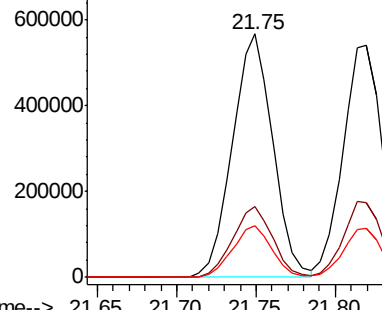


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 4.096 ng

RT: 21.66 min Scan# 3127

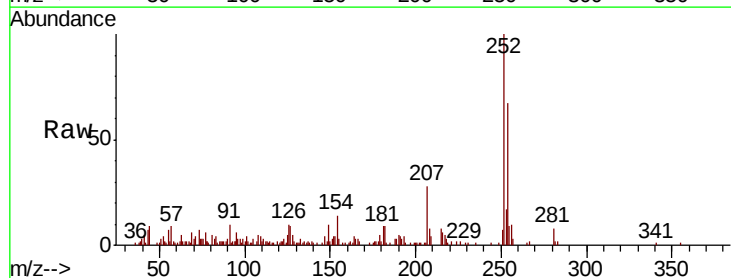
Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Tgt Ion:252 Resp: 35357

Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.0	78.0
126	10.4	8.2	12.4

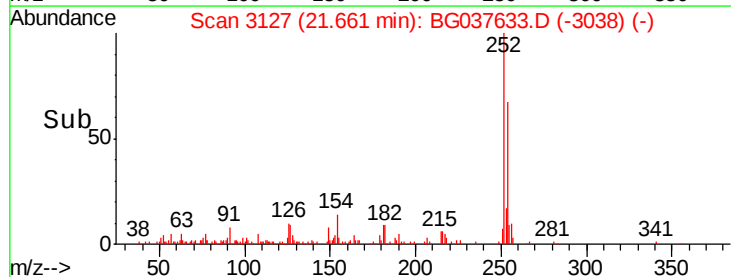
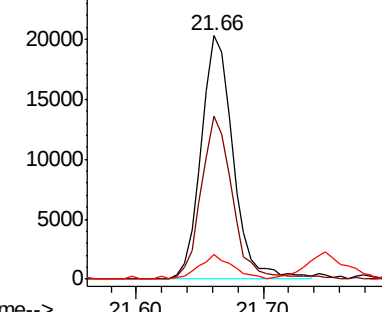


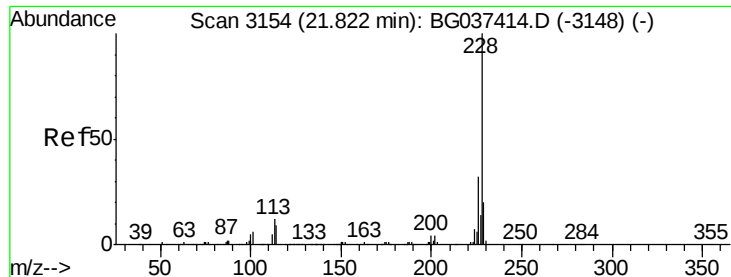
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

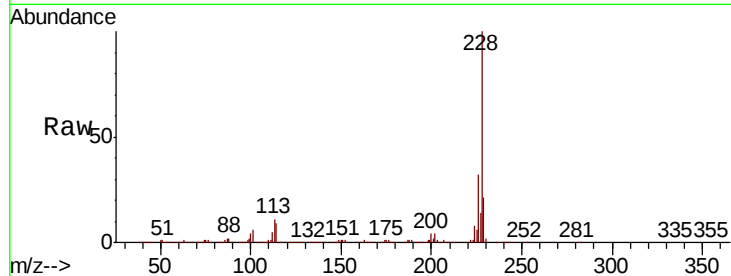




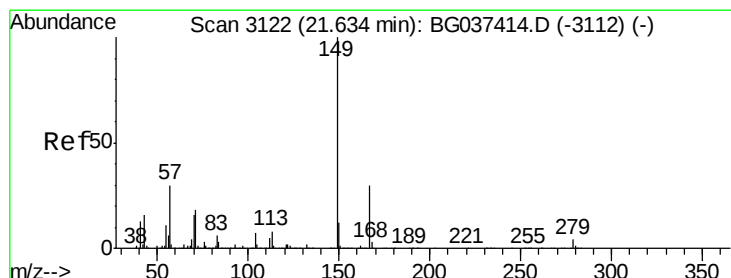
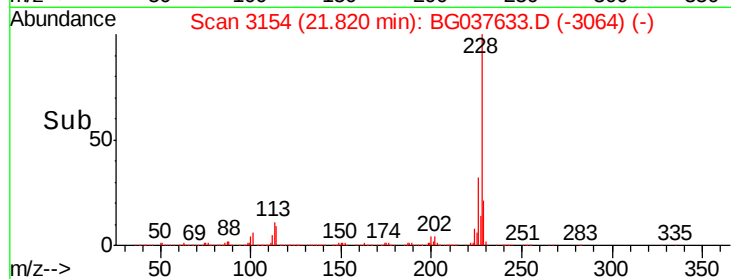
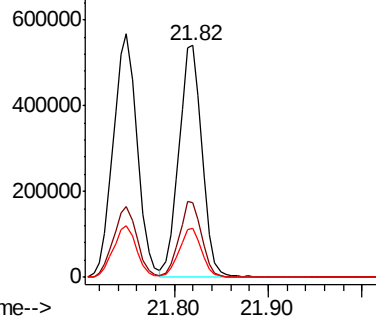
#83
 Chrysene
 Concen: 43.544 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.7	38.5
229	21.4	16.5	24.7

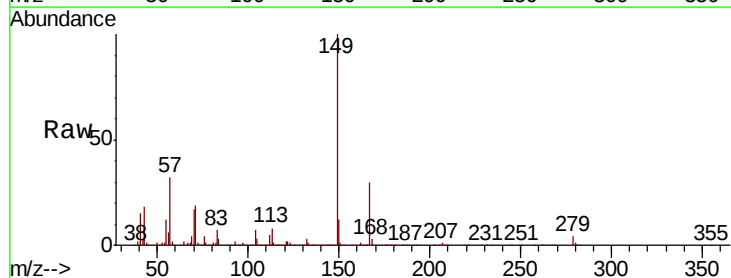


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

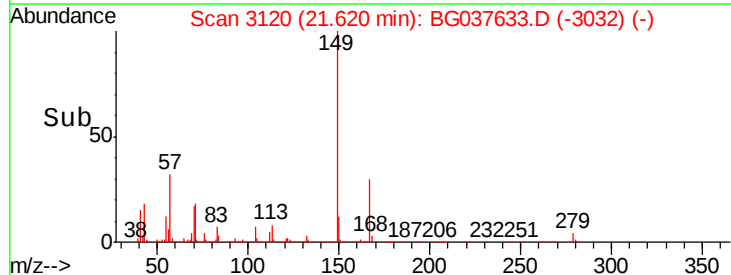
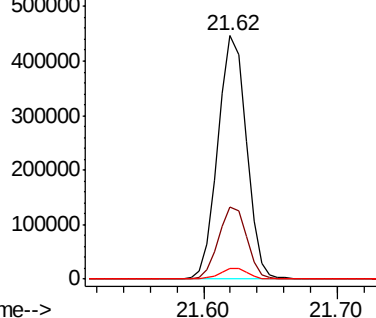


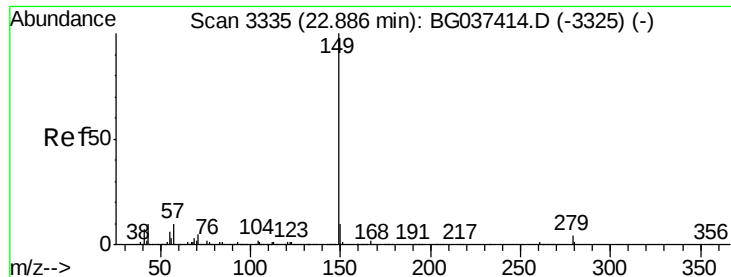
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.496 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.0	34.4
279	4.2	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.572 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

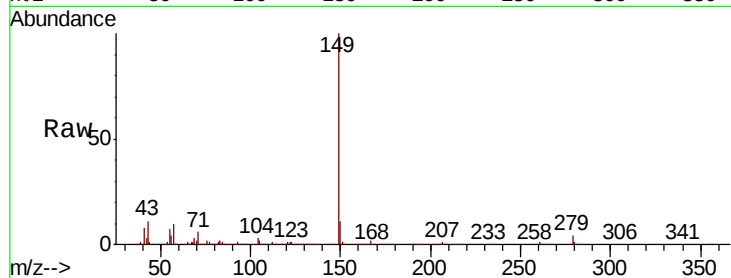
Tot Ion:149 Resp: 1118400

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

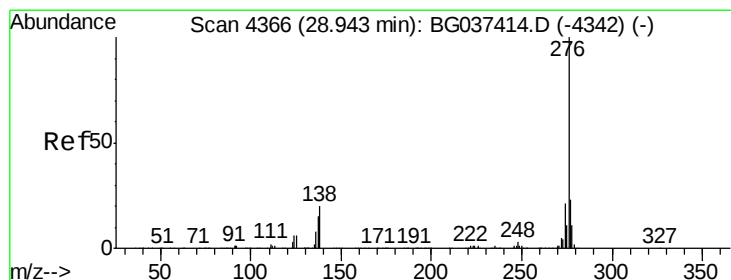
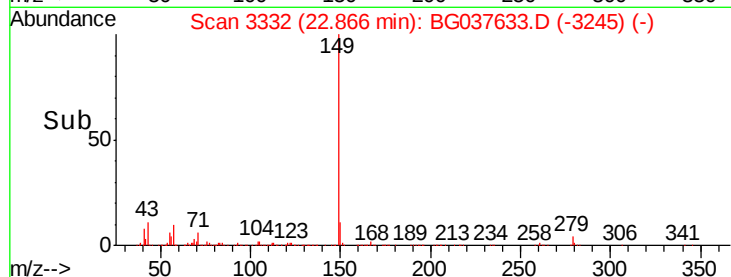
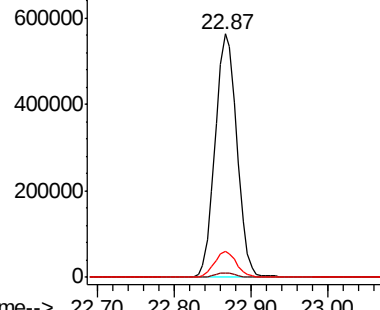
43 10.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.659 ng

RT: 28.94 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

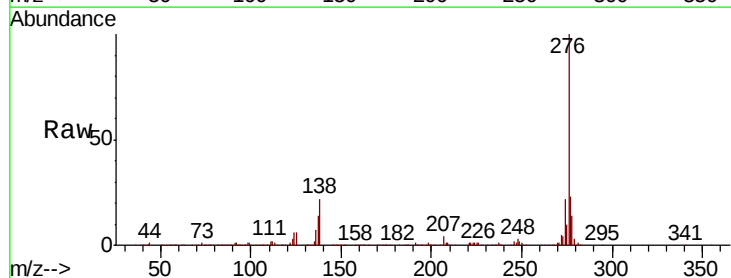
Tgt Ion:276 Resp: 1048761

Ion Ratio Lower Upper

276 100

138 18.1 12.0 18.0#

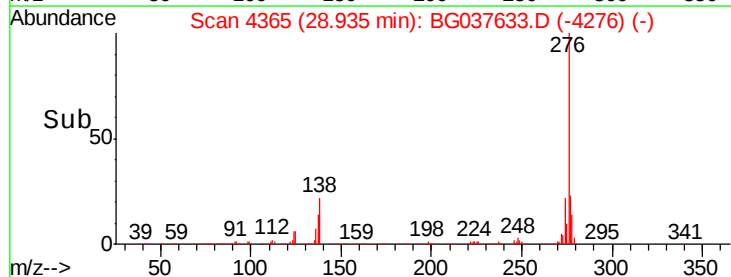
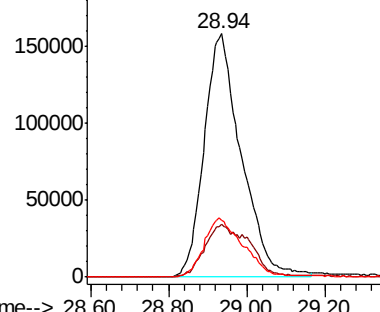
277 25.6 20.6 30.8

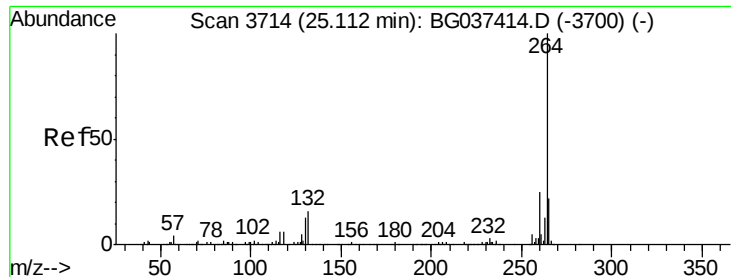


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



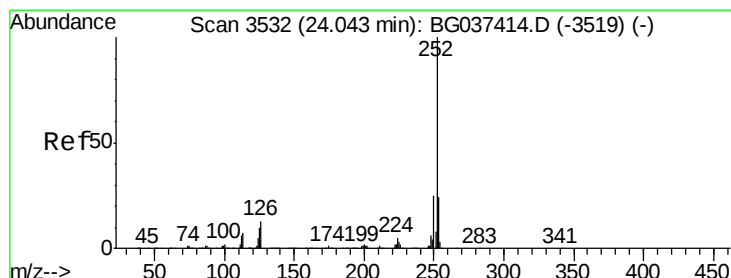
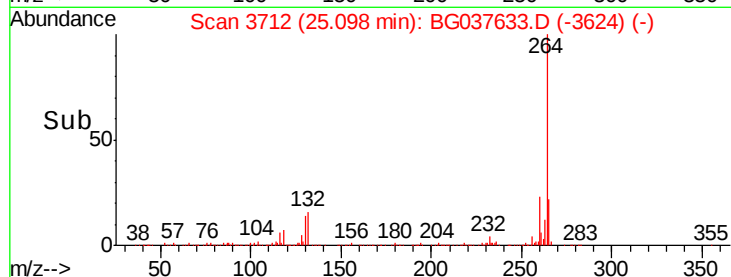
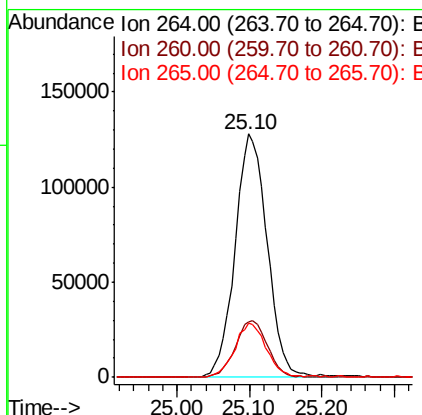
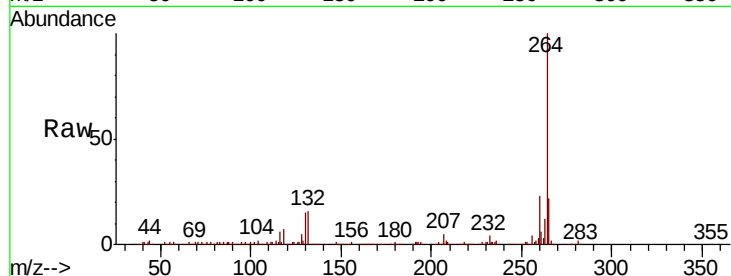


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 394662

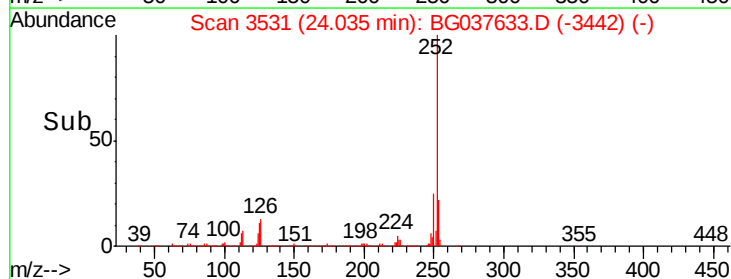
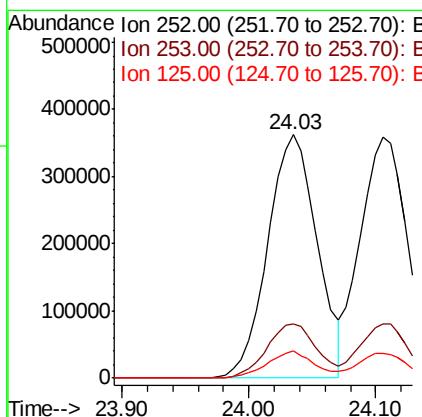
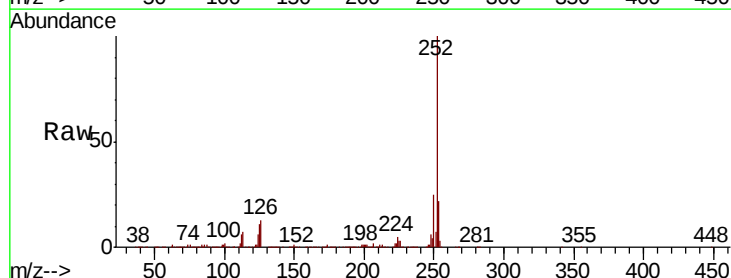
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	22.2	17.9	26.9

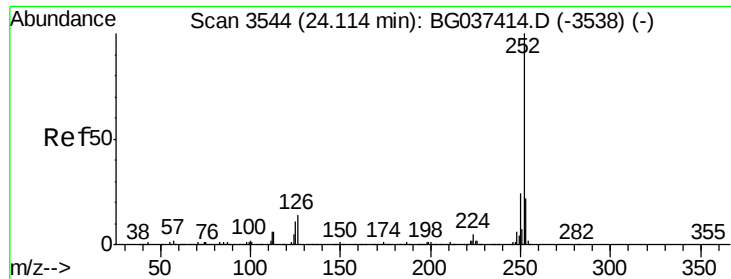


#88
Benzo(b)fluoranthene
Concen: 45.355 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:252 Resp: 981329

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.2	7.8	11.6

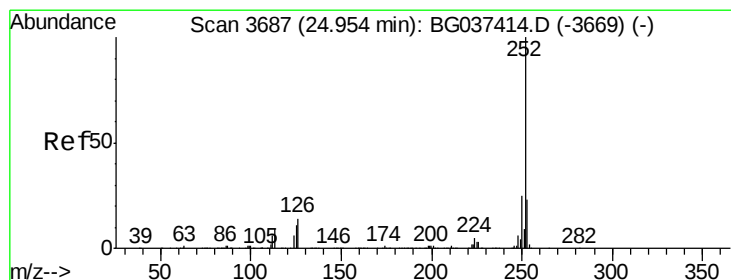
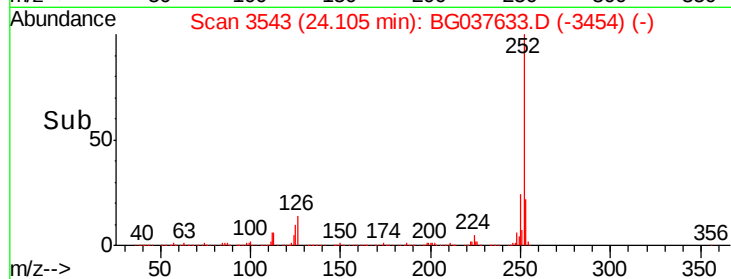
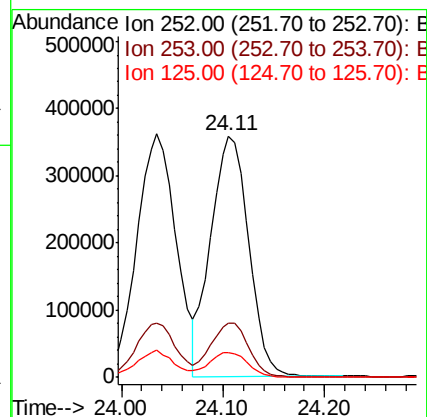
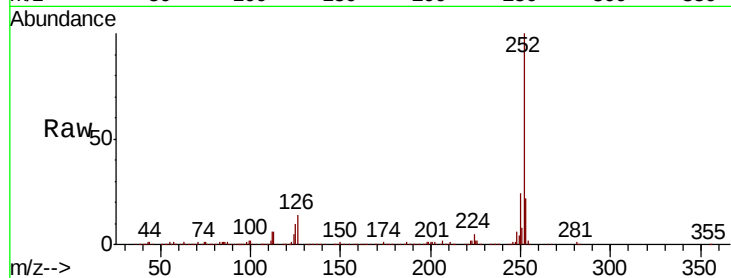




#89
Benzo(k)fluoranthene
Concen: 43.886 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

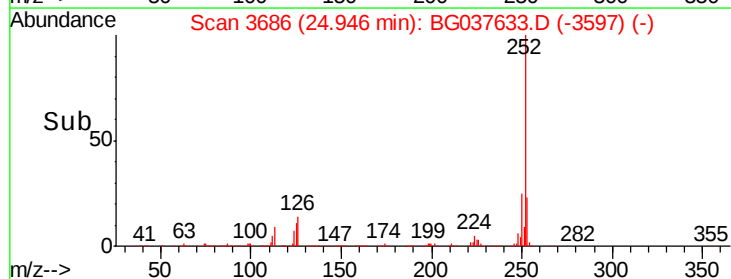
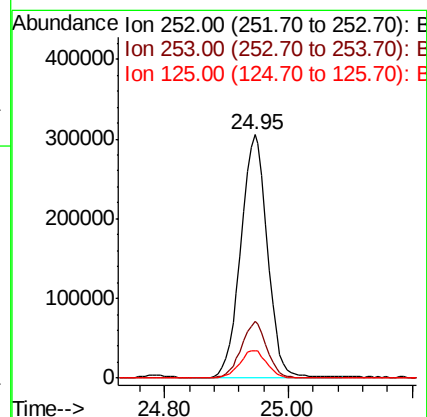
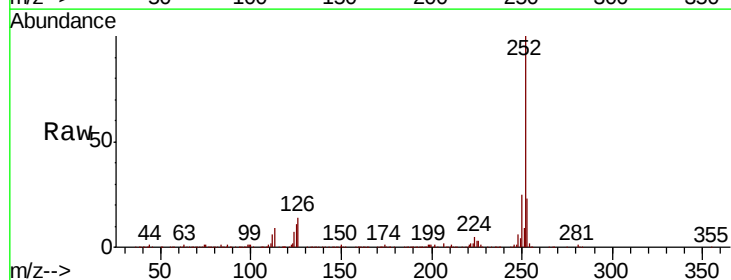
Instrument :
BNA_G
ClientSampled :

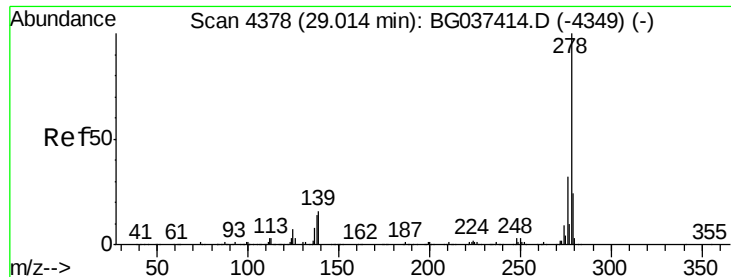
Tot Ion:252 Resp: 930303
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 44.604 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:252 Resp: 917053
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 11.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 45.552 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_G

ClientSampleId :

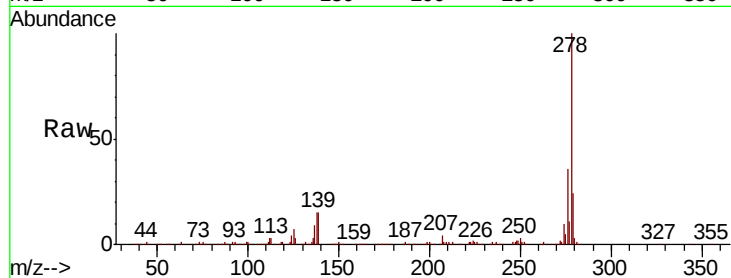
Tot Ion:278 Resp: 863896

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	23.9	18.6	27.8

278 100

139 15.4 11.5 17.3

279 23.9 18.6 27.8

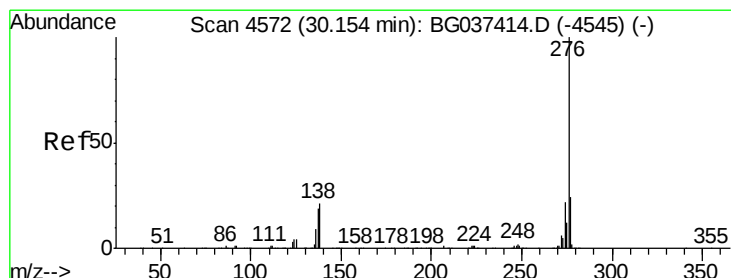
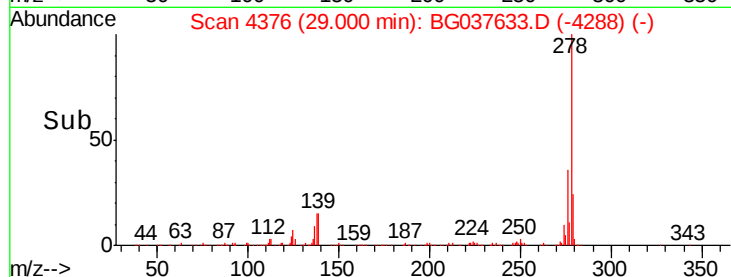
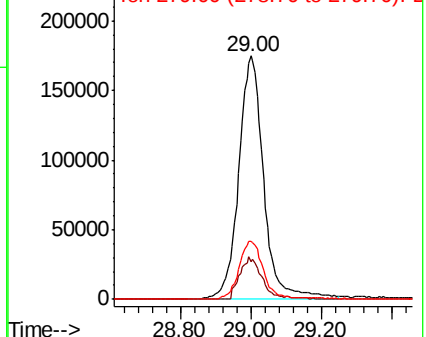


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.217 ng

RT: 30.13 min Scan# 4569

Delta R.T. -0.02 min

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

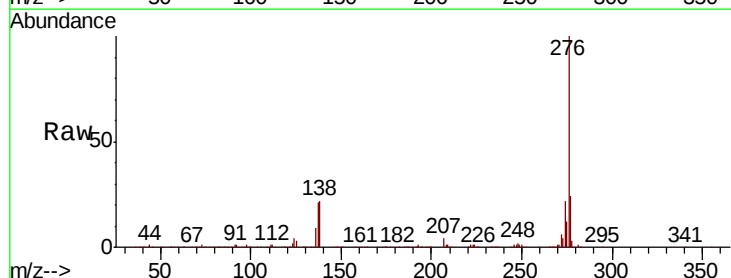
Tgt Ion:276 Resp: 886758

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	21.6	17.2	25.8

276 100

277 24.2 18.9 28.3

138 21.6 17.2 25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

