

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 :
 DL-08AMS

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

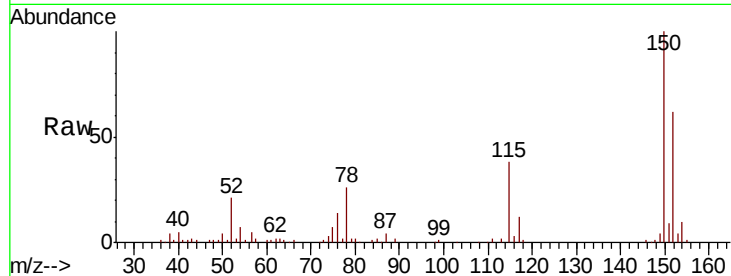
(#) = qualifier out of range (m) = manual integration (+) = signals summed



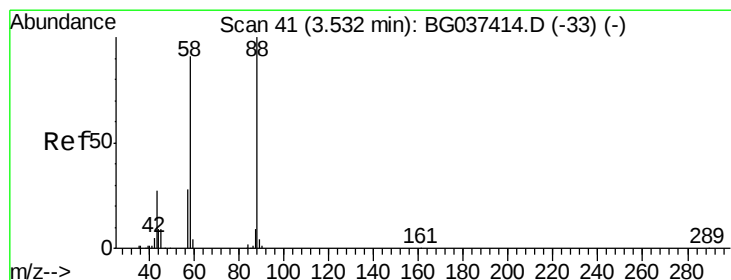
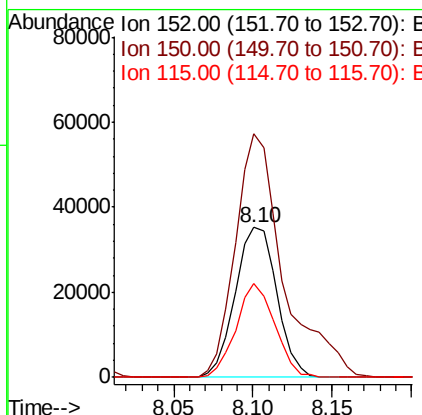
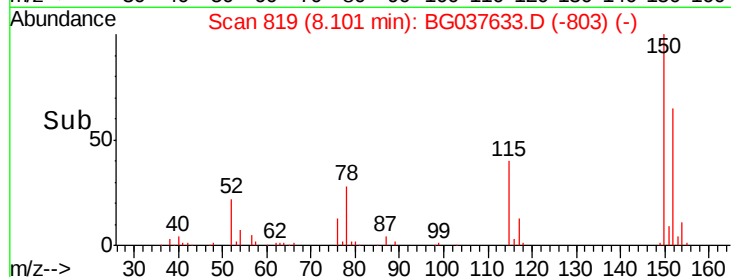
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

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

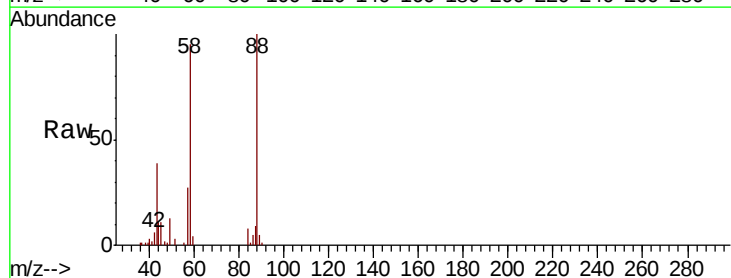


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

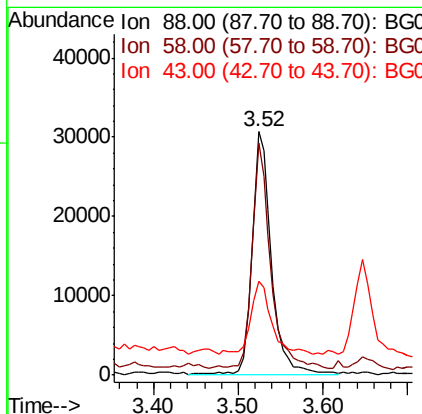
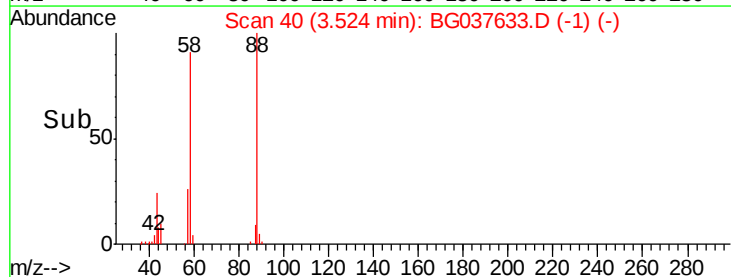


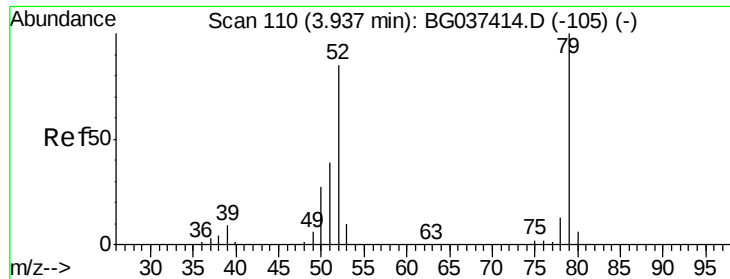
#2
 1,4-Dioxane
 Concen: 25.519 ng
 RT: 3.52 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

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 :

DL-08AMS

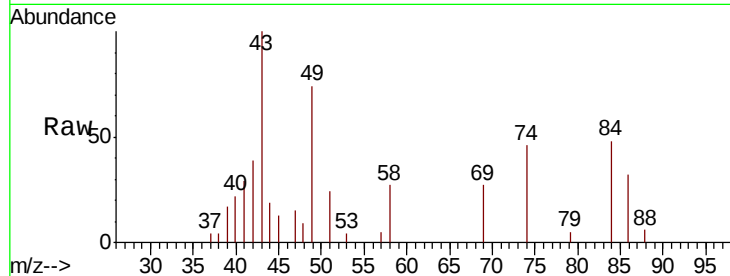
Tot Ion: 79 Resp: 67

Ion Ratio Lower Upper

79 100

52 0.0 74.2 111.2#

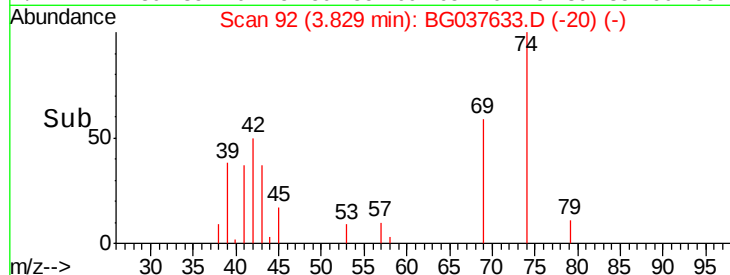
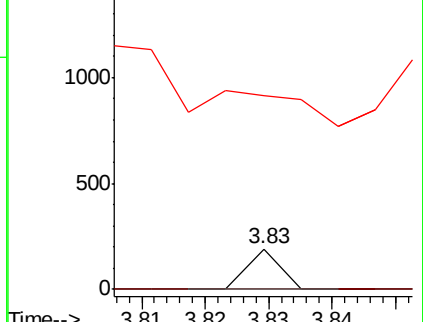
51 480.5 34.6 51.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#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

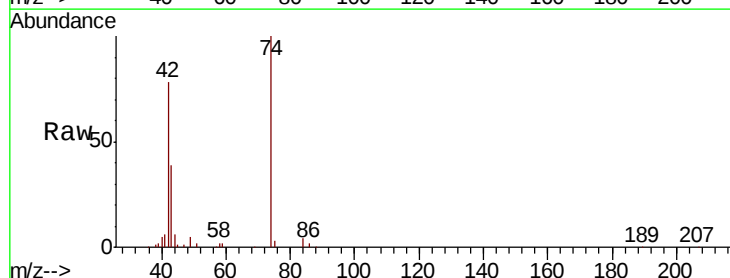
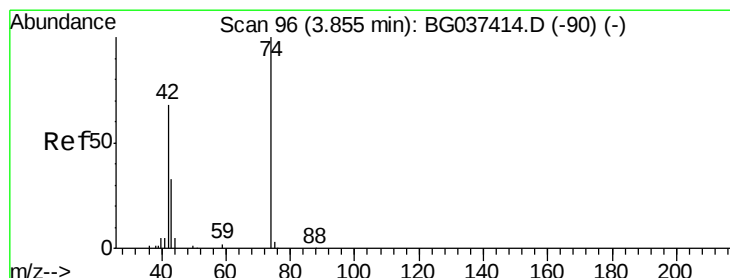
Tgt Ion: 42 Resp: 72851

Ion Ratio Lower Upper

42 100

74 128.3 102.0 153.0

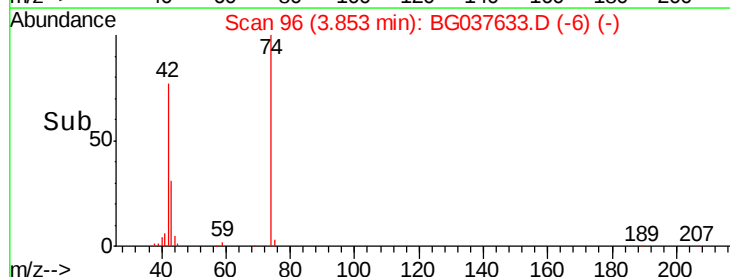
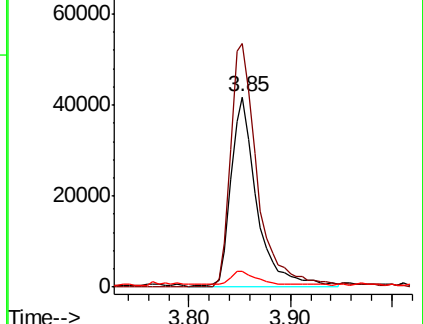
44 8.1 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#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 :

DL-08AMS

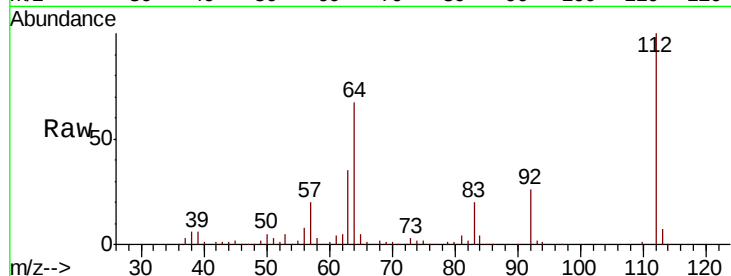
Tot Ion:112 Resp: 597113

Ion Ratio Lower Upper

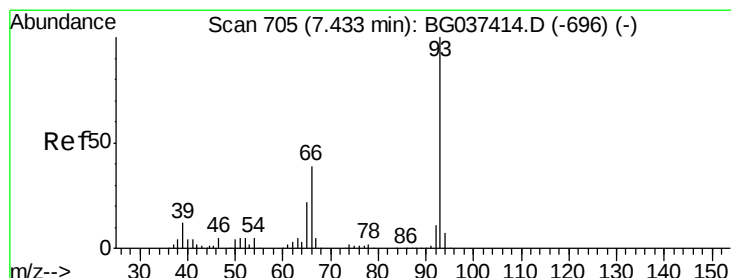
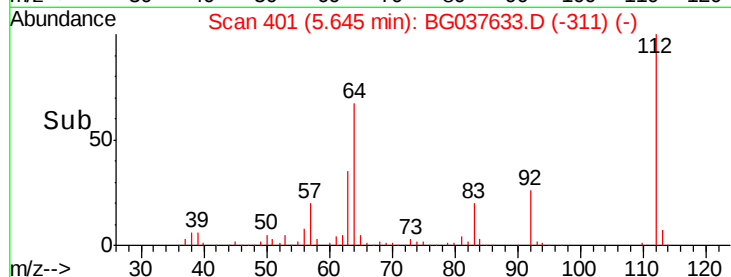
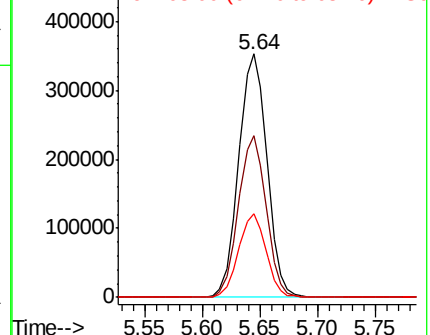
112 100

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

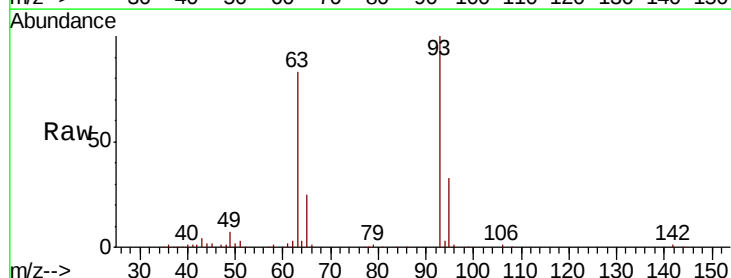
Tgt Ion: 93 Resp: 179673

Ion Ratio Lower Upper

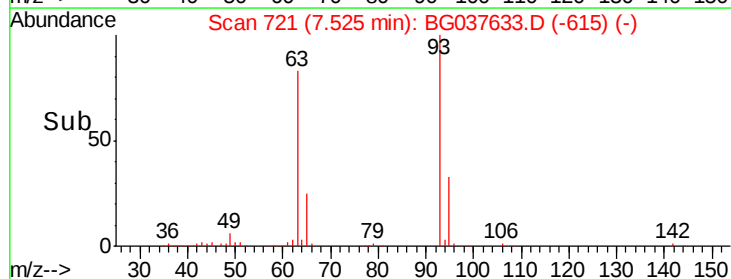
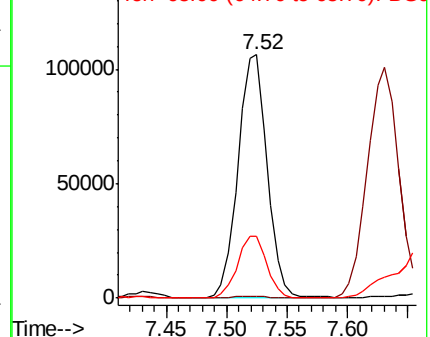
93 100

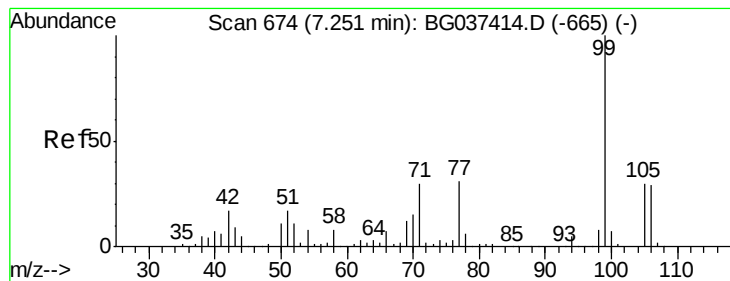
66 0.6 32.8 49.2#

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

Acq: 29 Oct 2018 21:45

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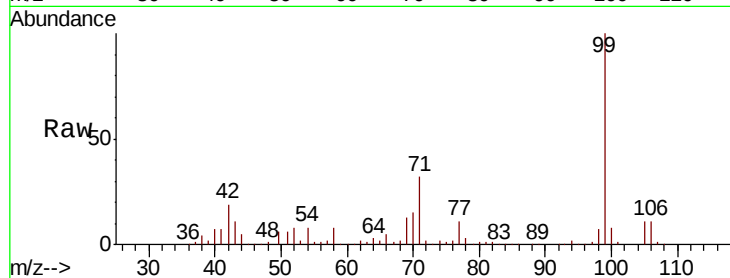
Tot Ion: 99 Resp: 879956

Ion Ratio Lower Upper

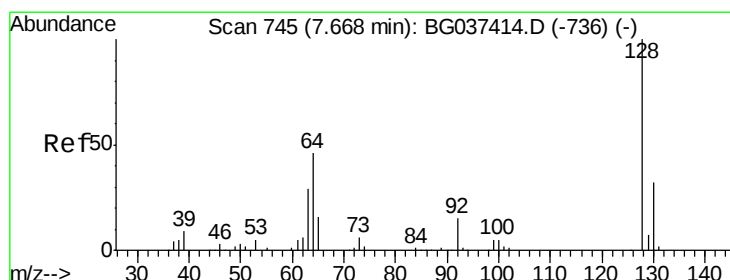
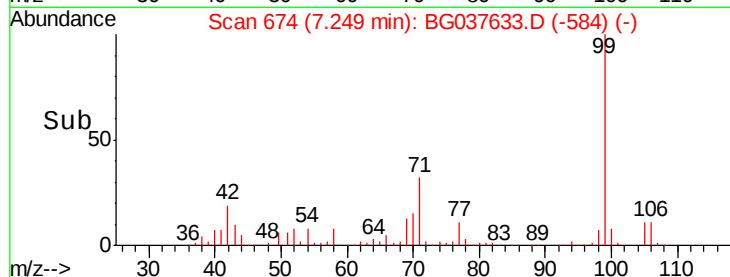
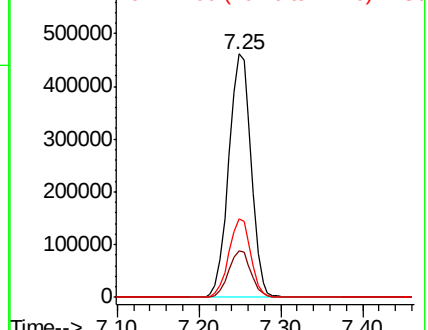
99 100

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

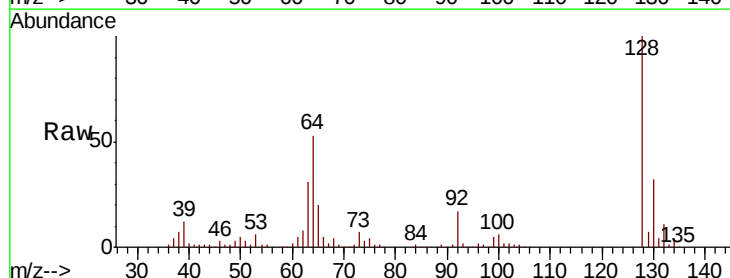
Tgt Ion: 128 Resp: 193857

Ion Ratio Lower Upper

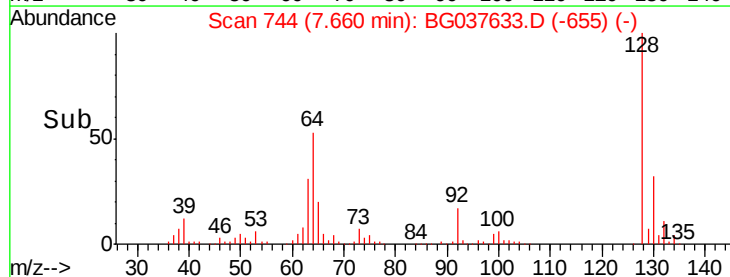
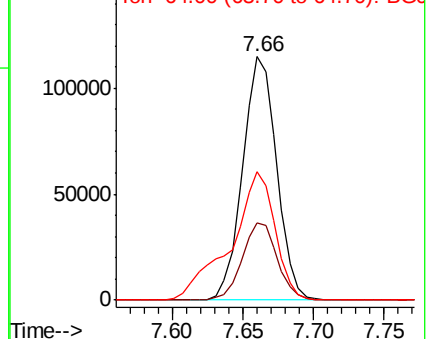
128 100

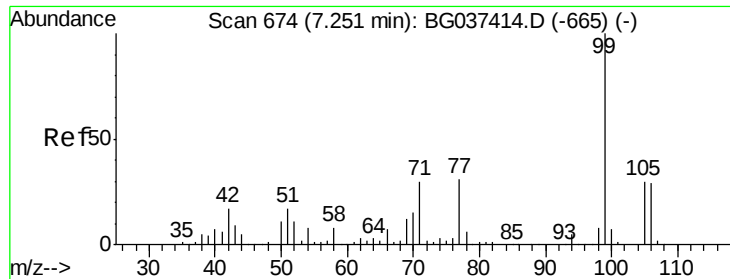
130 31.7 12.0 52.0

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

Lab File: BG037633.D

Acq: 29 Oct 2018 21:45

Instrument :

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ClientSampleId :

DL-08AMS

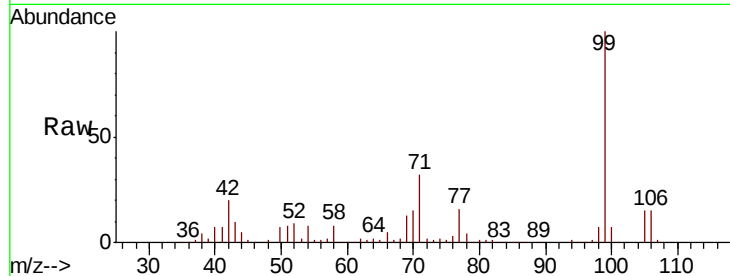
Tot Ion: 77 Resp: 115336

Ion Ratio Lower Upper

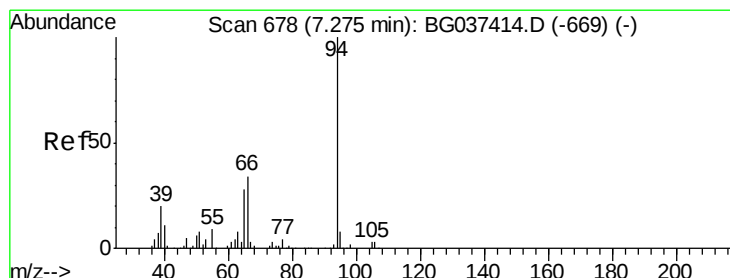
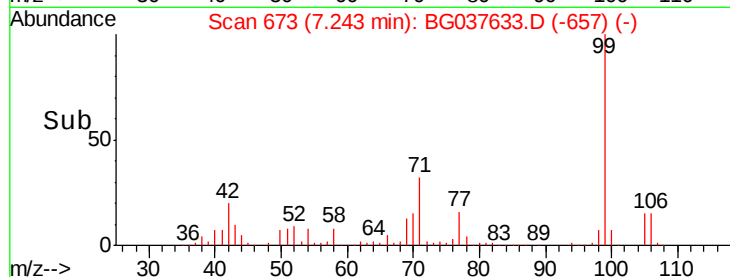
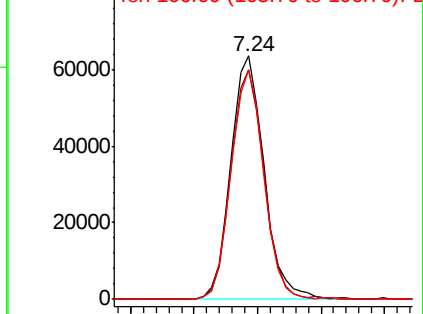
77 100

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

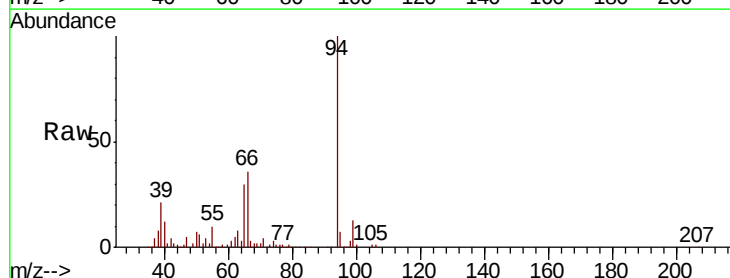
Tgt Ion: 94 Resp: 323252

Ion Ratio Lower Upper

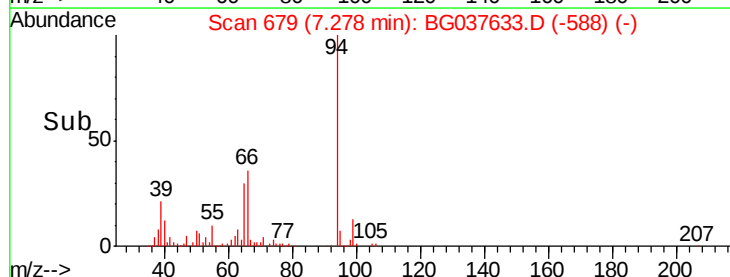
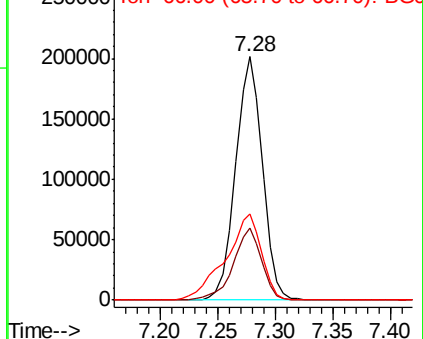
94 100

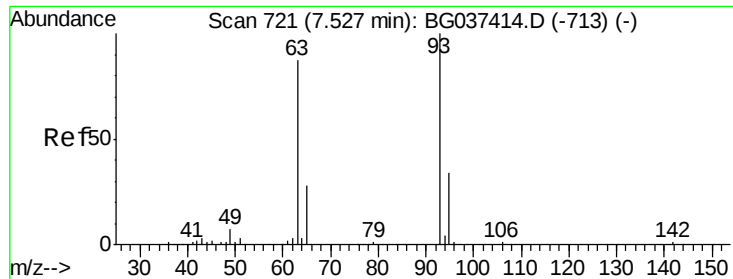
65 29.9 9.7 49.7

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

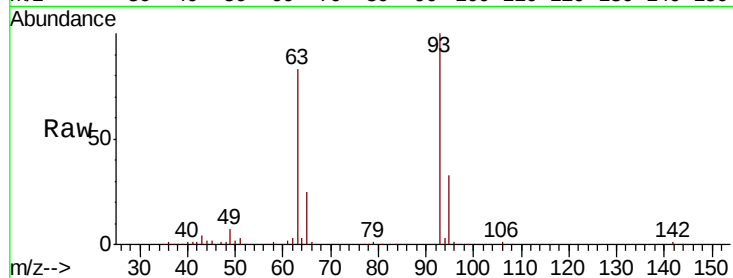




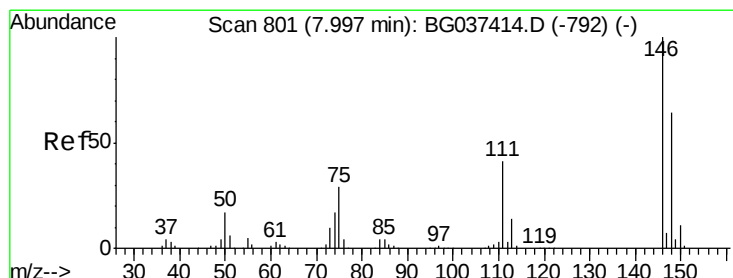
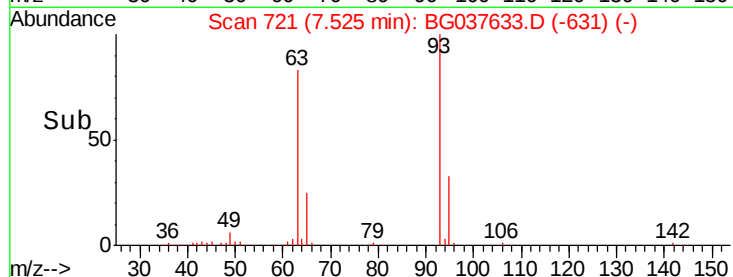
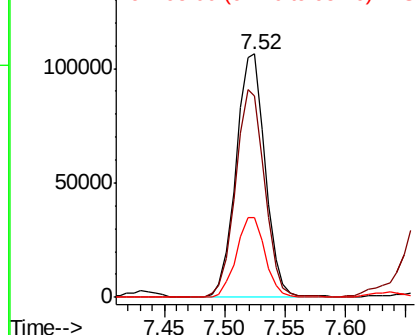
#11
bis(2-Chloroethyl)ether
Concen: 38.572 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

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

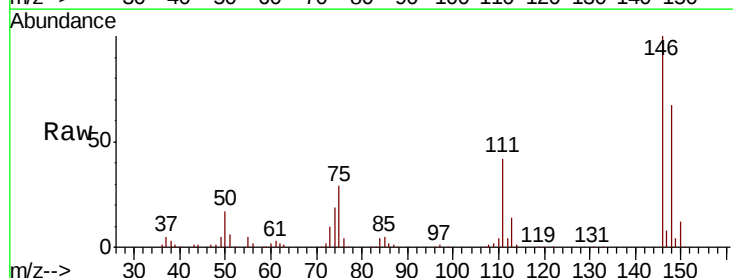


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

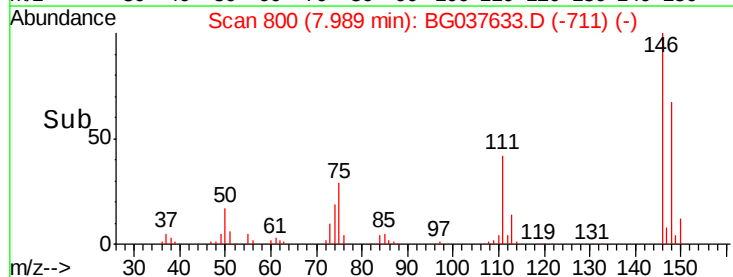
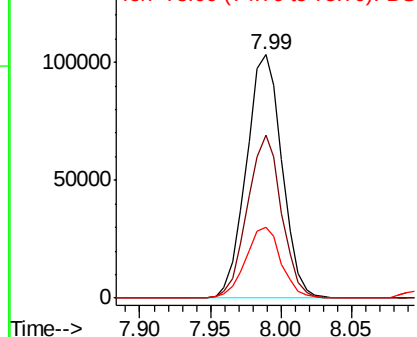


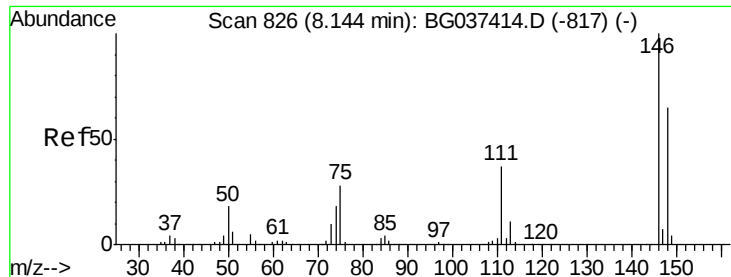
#12
1,3-Dichlorobenzene
Concen: 36.542 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

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

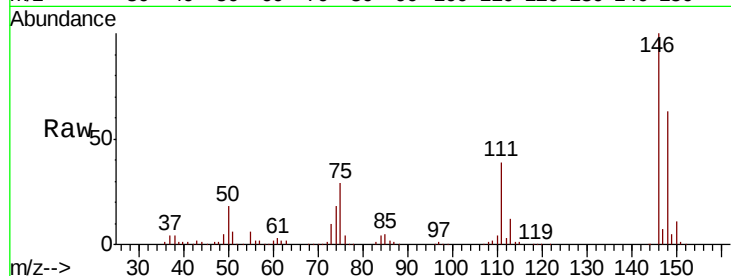




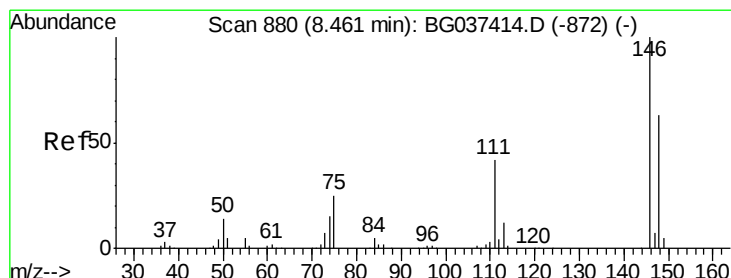
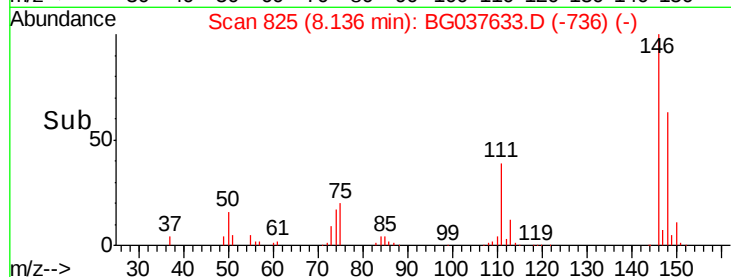
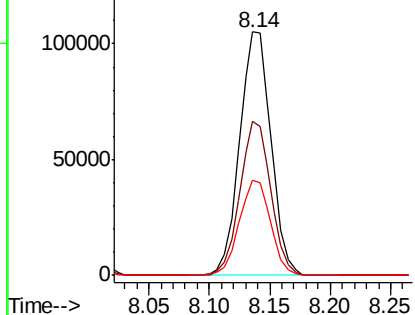
#13
 1,4-Dichlorobenzene
 Concen: 37.070 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

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

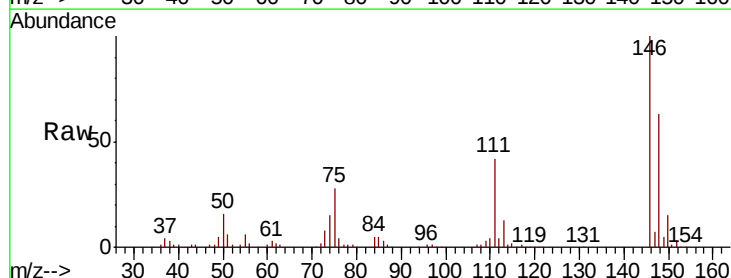


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

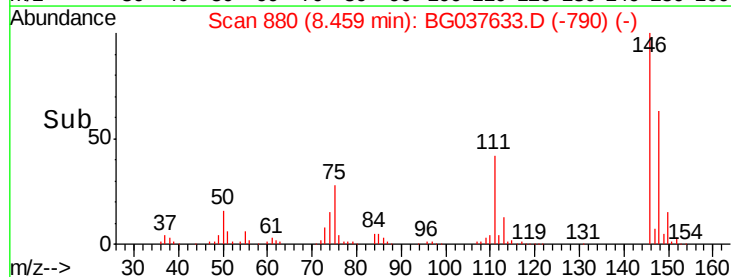
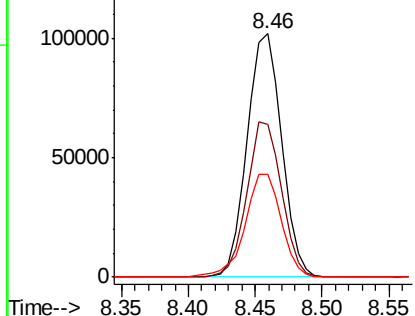


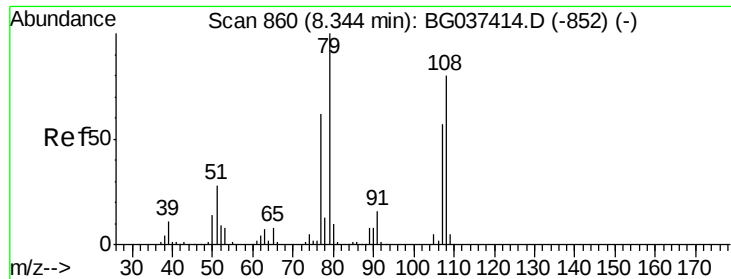
#14
 1,2-Dichlorobenzene
 Concen: 37.026 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

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 :

DL-08AMS

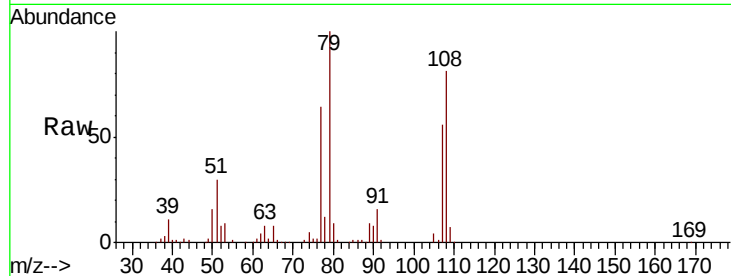
Tot Ion: 79 Resp: 181258

Ion Ratio Lower Upper

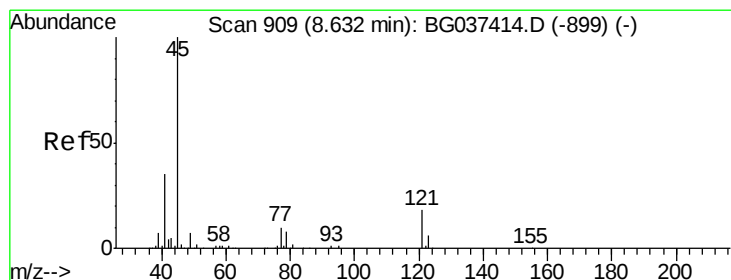
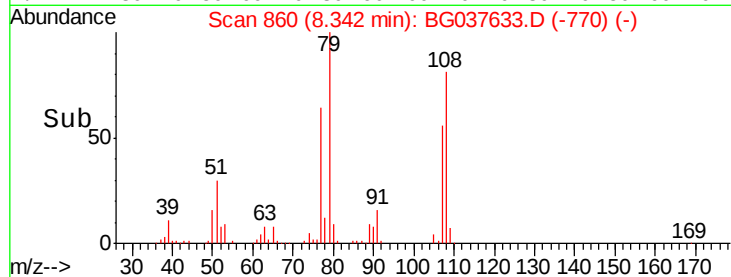
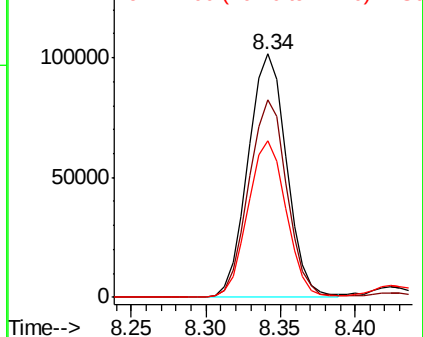
79 100

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

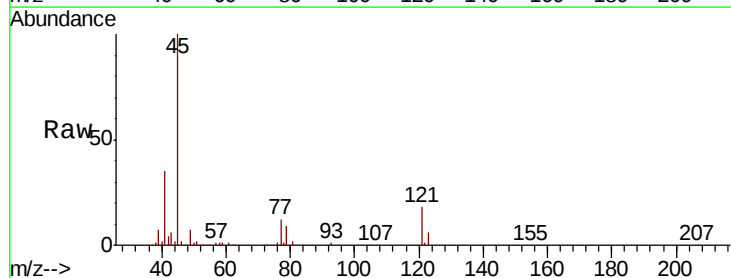
Tgt Ion: 45 Resp: 332977

Ion Ratio Lower Upper

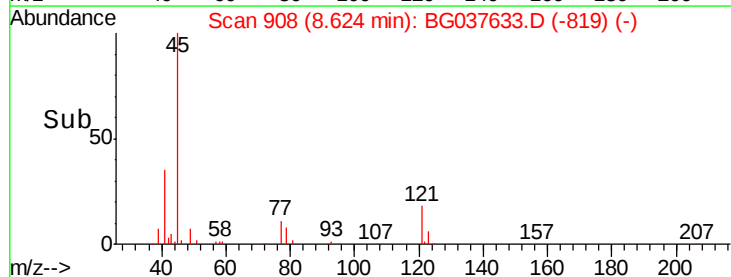
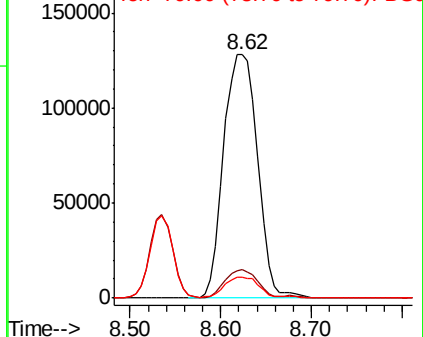
45 100

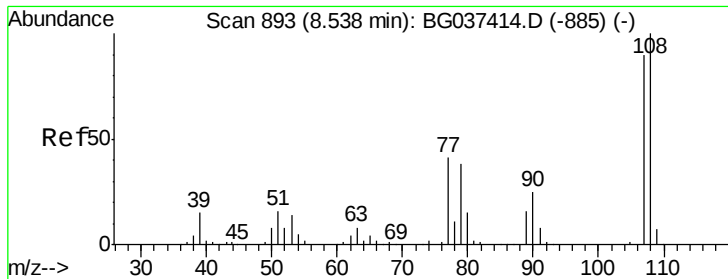
77 11.9 0.0 30.0

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 :

DL-08AMS

Tot Ion:107 Resp: 176561

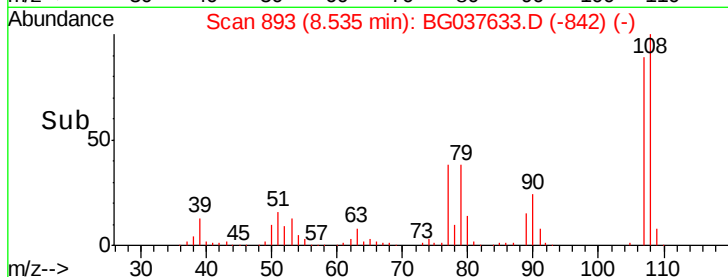
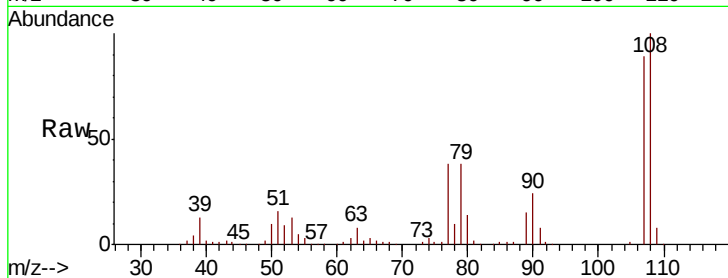
Ion Ratio Lower Upper

107 100

108 112.3 87.9 131.9

77 43.1 35.1 52.7

79 42.2 34.5 51.7

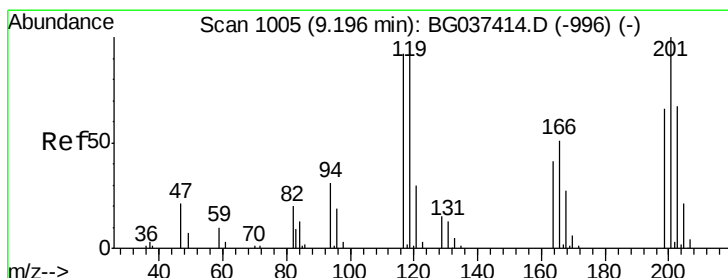
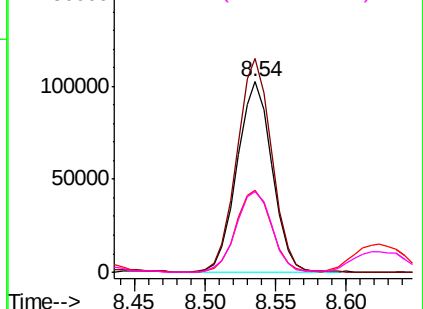


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#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

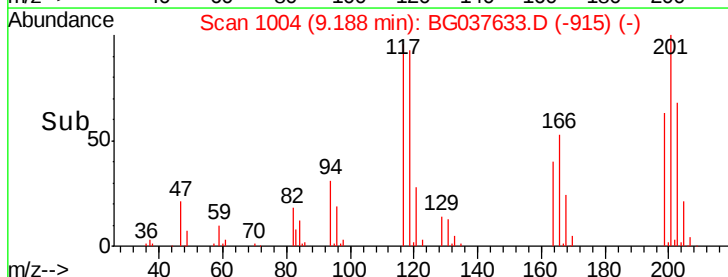
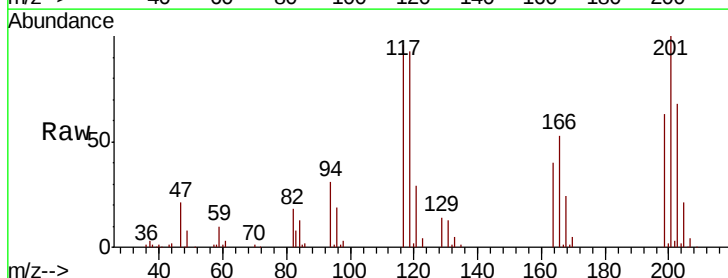
Tgt Ion:117 Resp: 67362

Ion Ratio Lower Upper

117 100

119 97.4 74.6 111.8

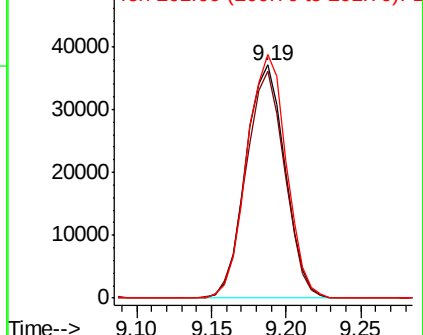
201 104.6 80.8 121.2

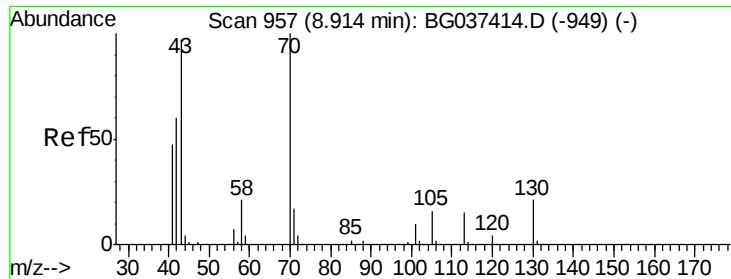


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

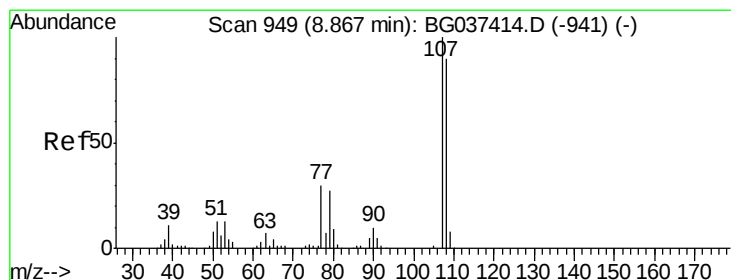
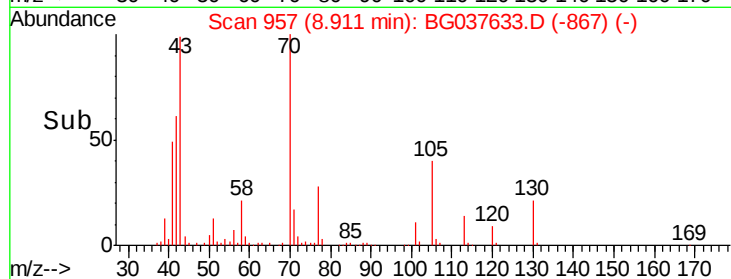
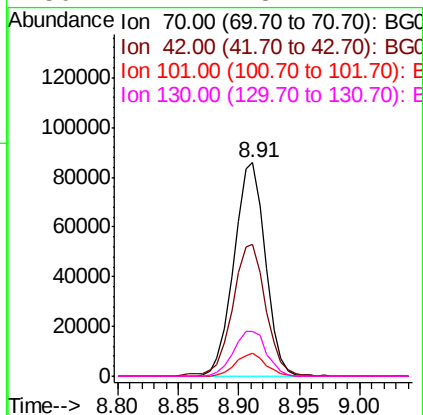
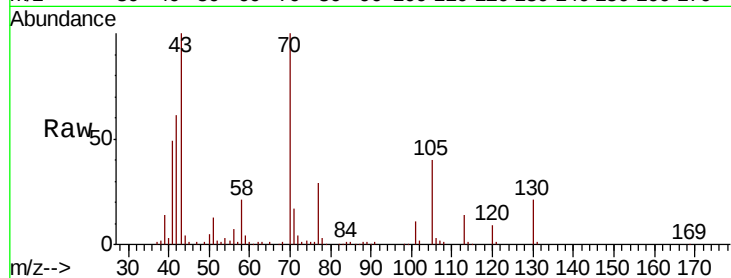




#19
n-Nitroso-di-n-propylamine
Concen: 38.902 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

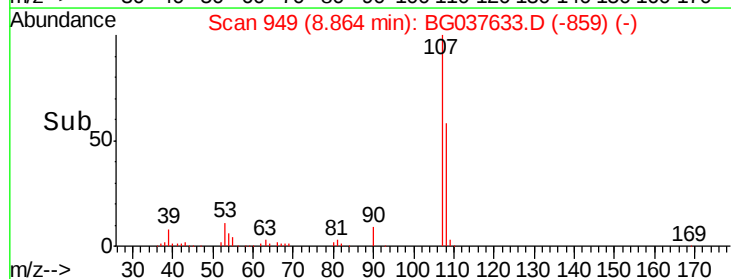
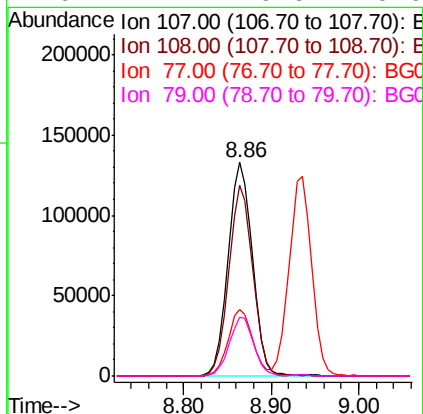
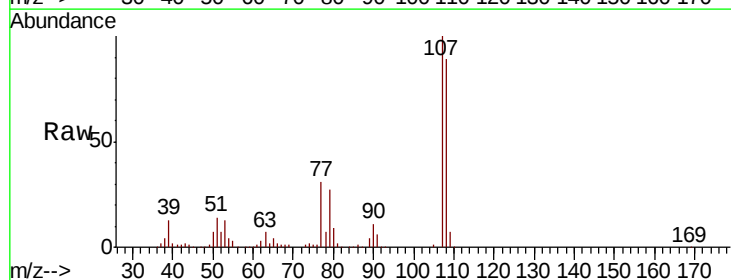
Instrument :
BNA_G
ClientSampleId :
DL-08AMS

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

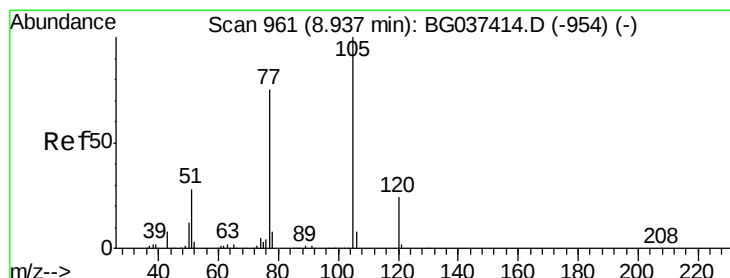
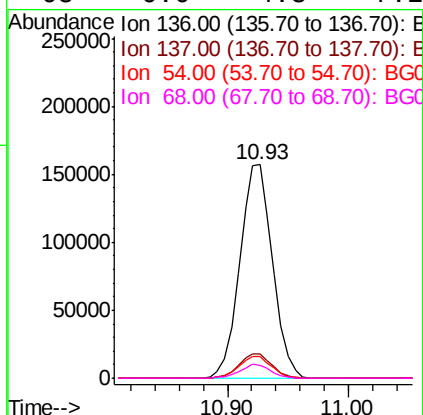
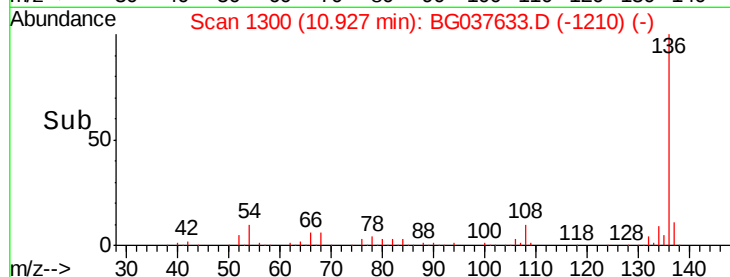
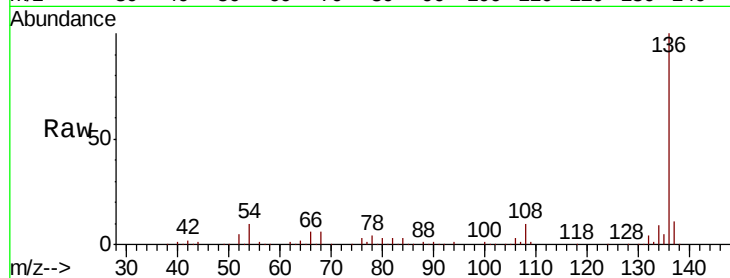




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

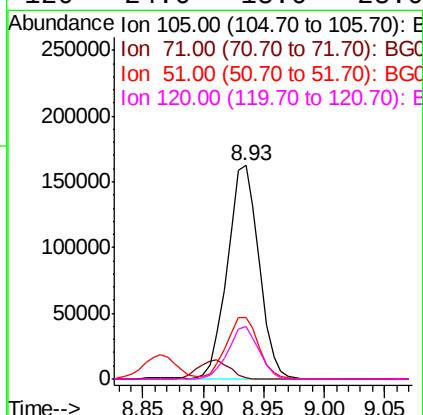
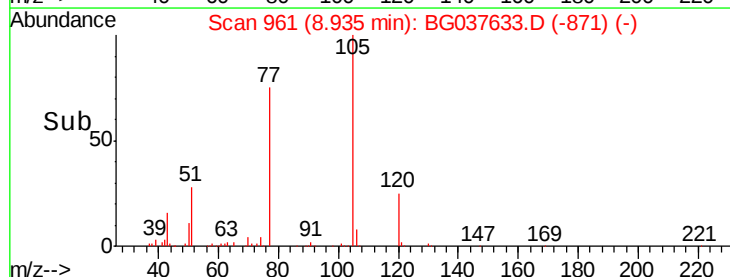
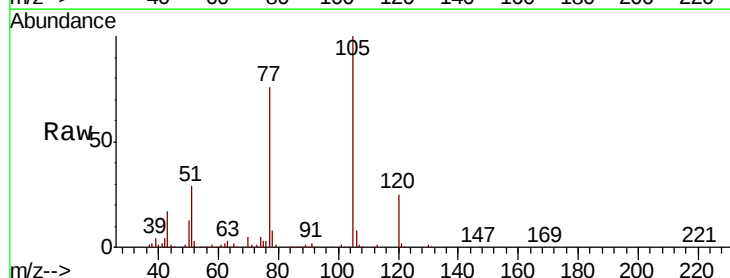
Instrument :
BNA_G
ClientSampleId :
DL-08AMS

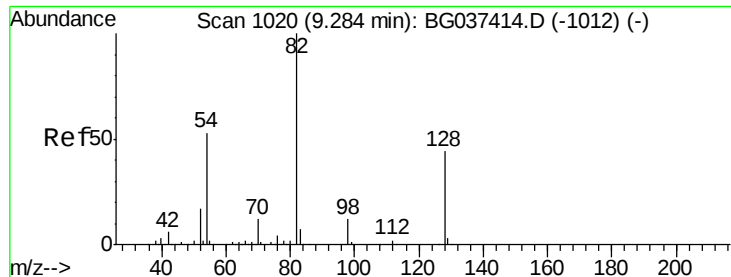
Tot Ion:136	Resp:	294631
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.6 14.4
54	10.3	7.9 11.9
68	6.0	4.8 7.2



#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

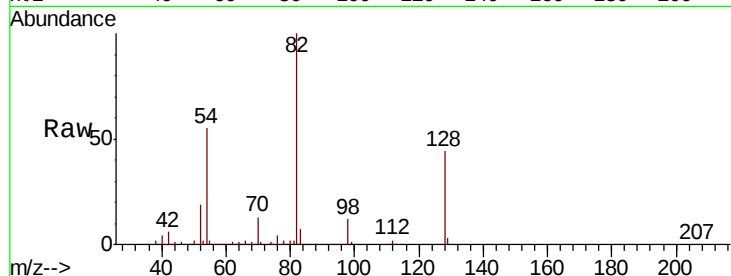




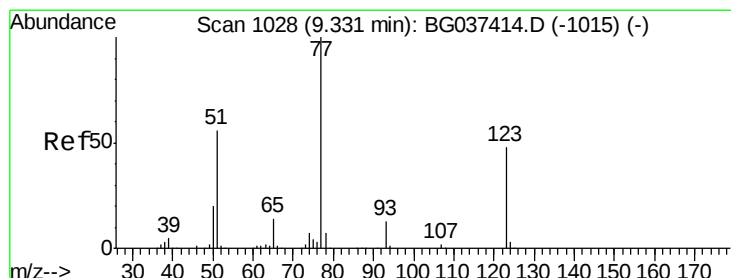
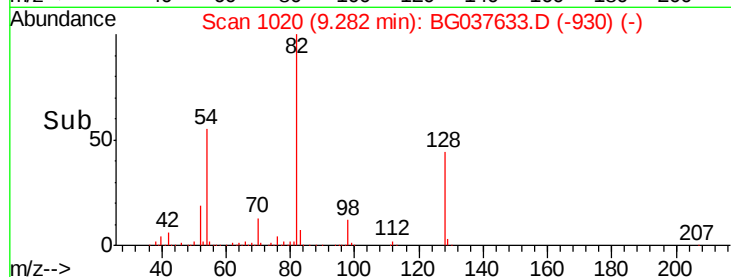
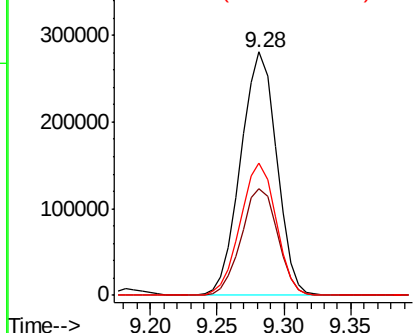
#23
Nitrobenzene-d5
Concen: 99.741 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

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

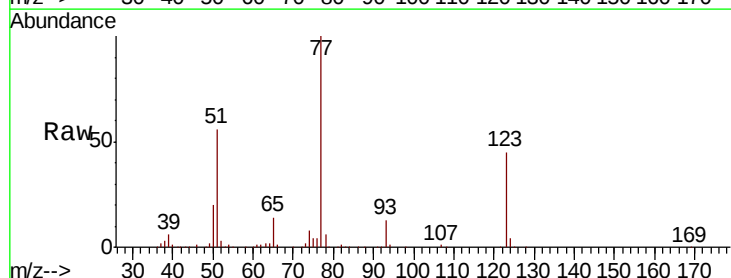


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

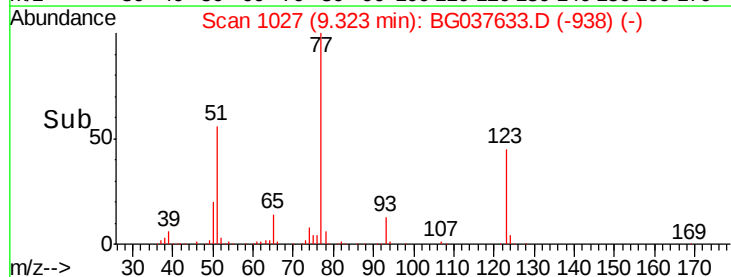
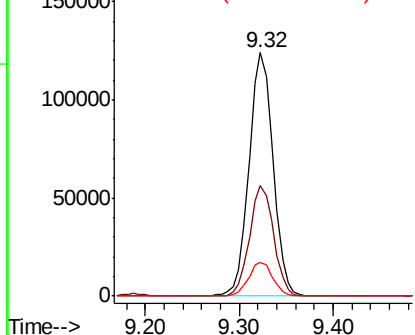


#24
Nitrobenzene
Concen: 40.347 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion	77	Resp	220449
Ion Ratio	Lower	Upper	
77	100		
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 :

DL-08AMS

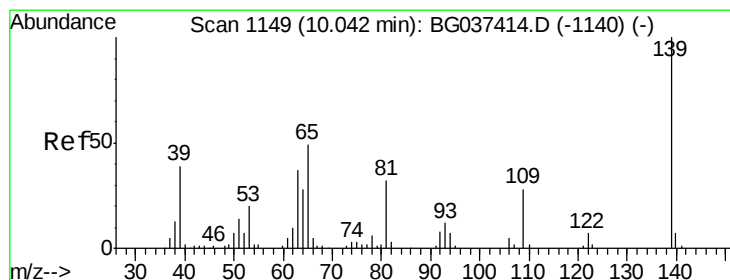
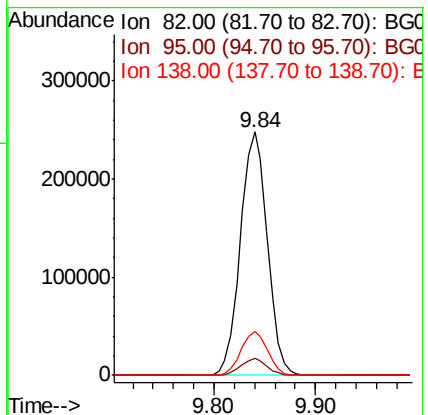
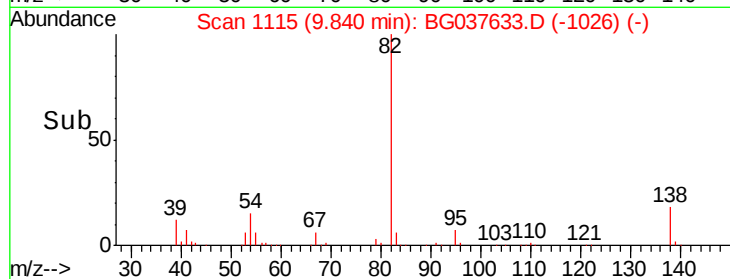
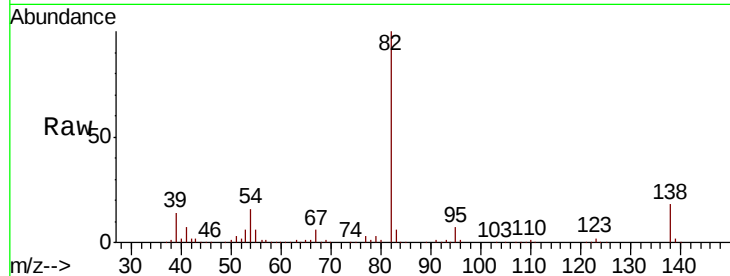
Tot Ion: 82 Resp: 455298

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 17.8 13.3 19.9



#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

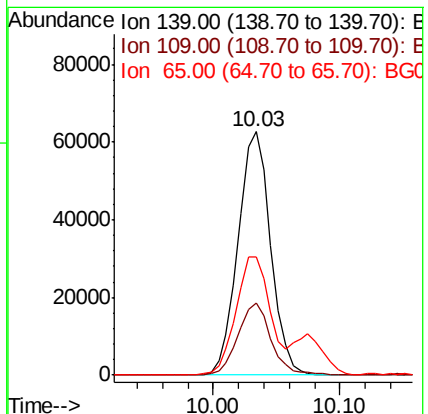
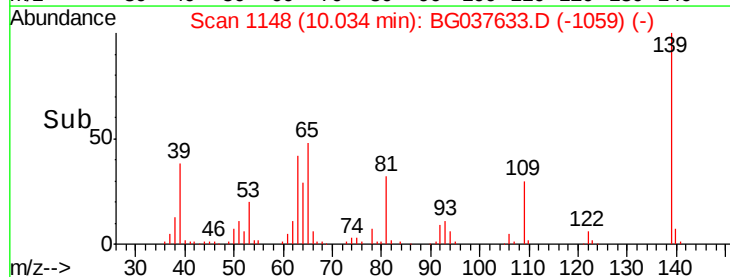
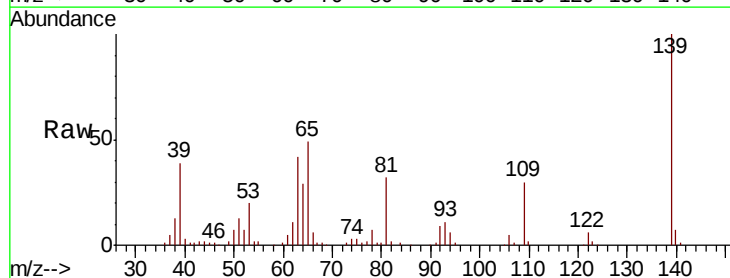
Tgt Ion: 139 Resp: 111484

Ion Ratio Lower Upper

139 100

109 29.6 23.3 34.9

65 48.6 39.8 59.8

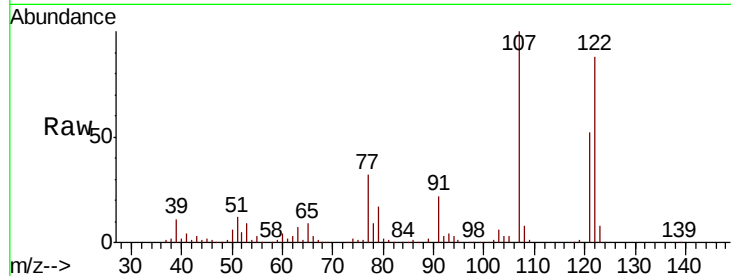




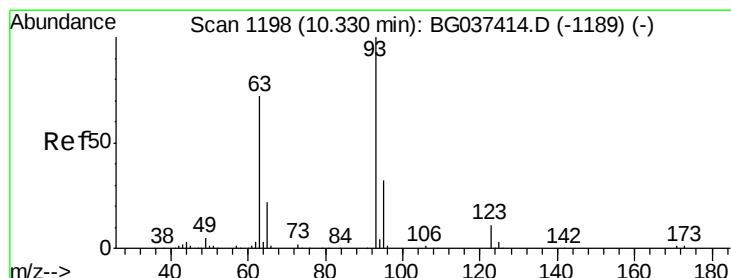
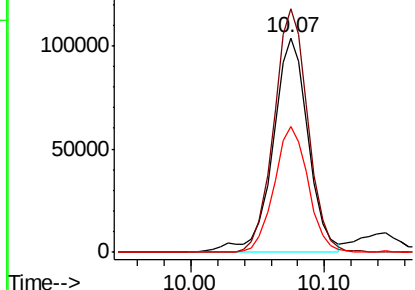
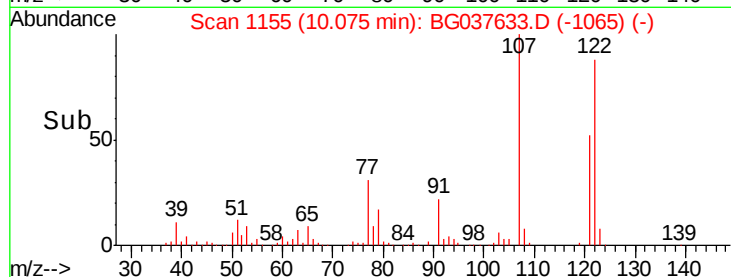
#27
 2,4-Dimethylphenol
 Concen: 43.549 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

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

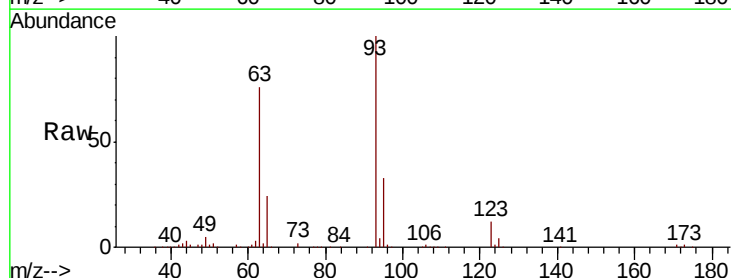


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

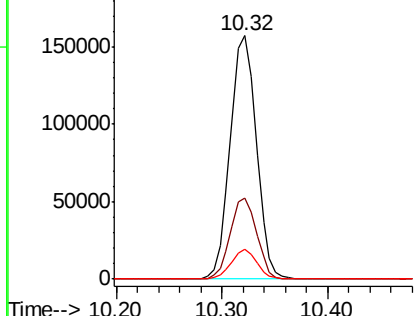
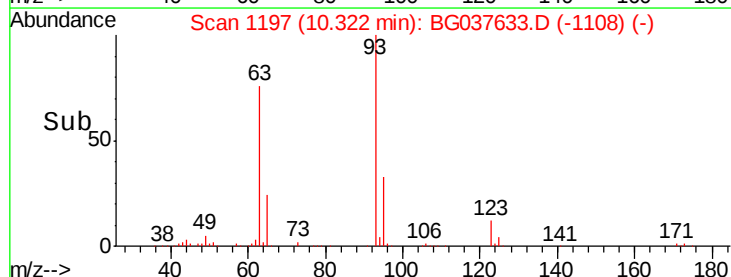


#28
 bis(2-Chloroethoxy)methane
 Concen: 42.895 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

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

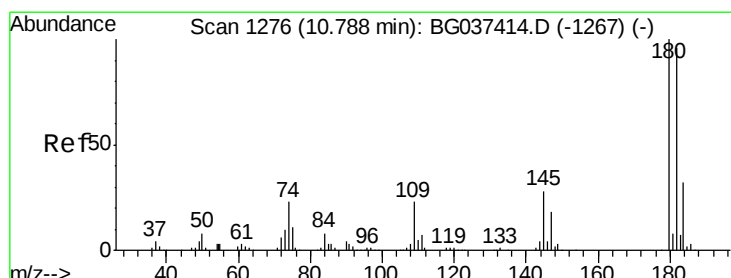
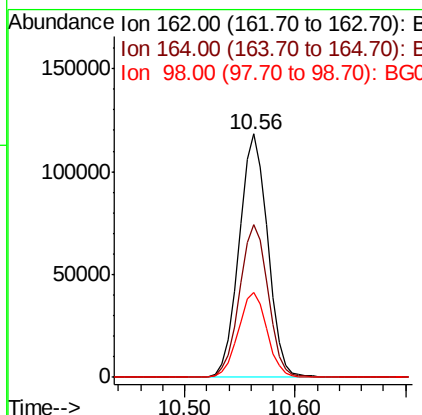
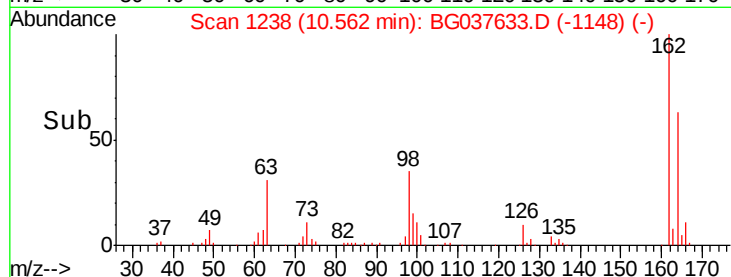
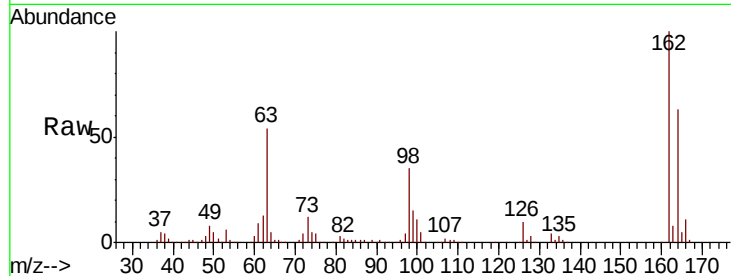




#29
 2,4-Dichlorophenol
 Concen: 44.089 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

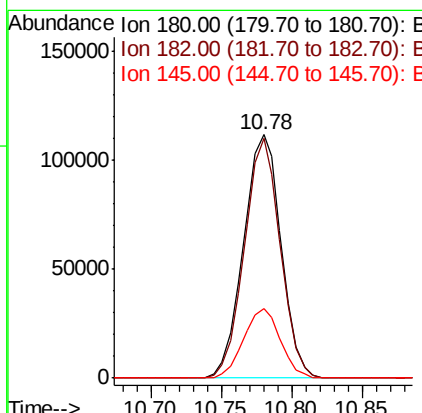
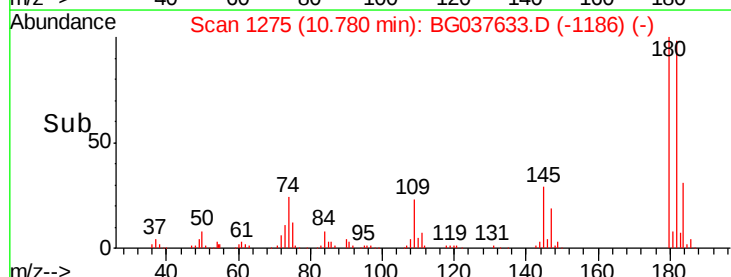
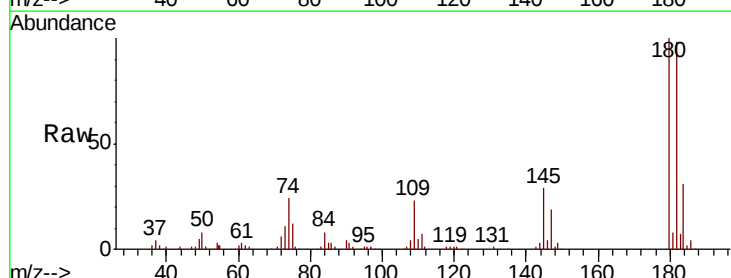
Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

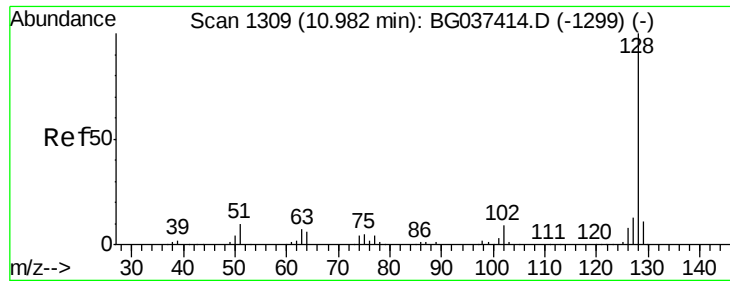
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.2	83.2
98	35.1	16.0	56.0



#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

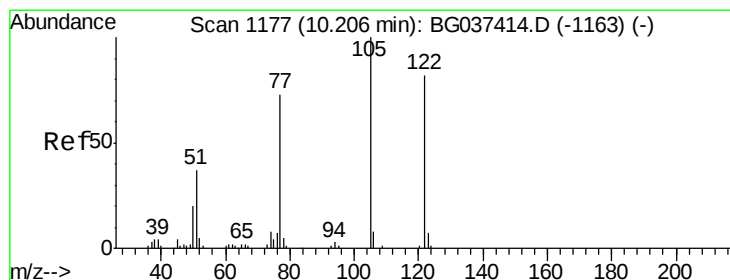
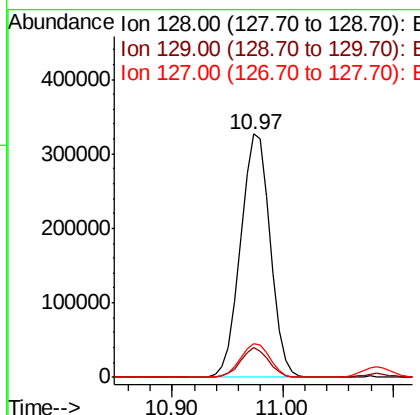
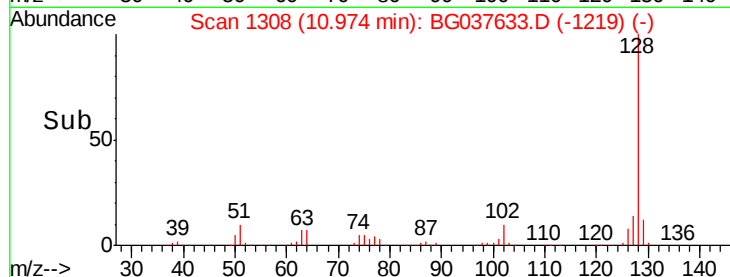
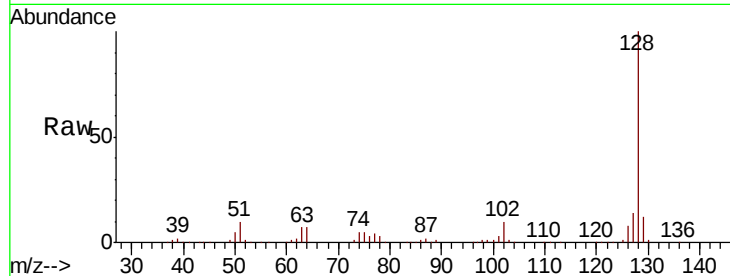




#31
Naphthalene
Concen: 42.619 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

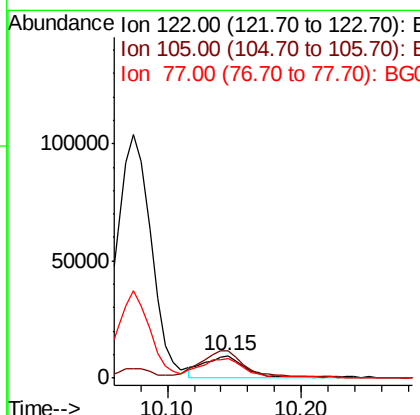
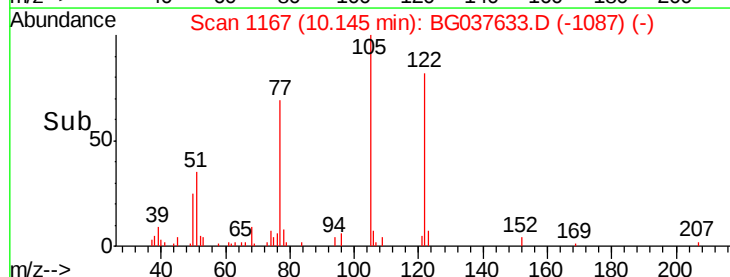
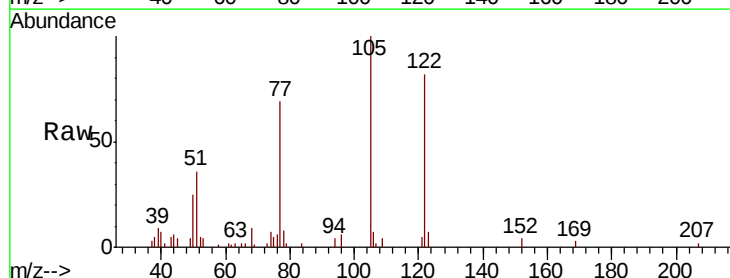
Instrument :
BNA_G
ClientSampleId :
DL-08AMS

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



#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

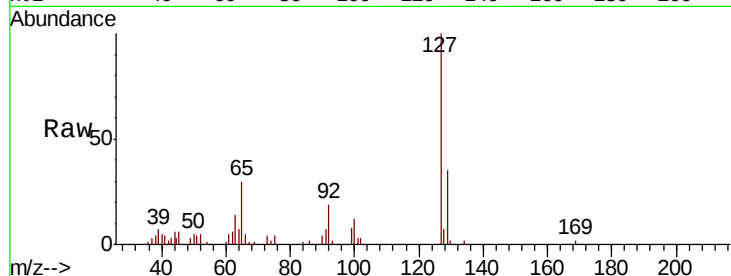




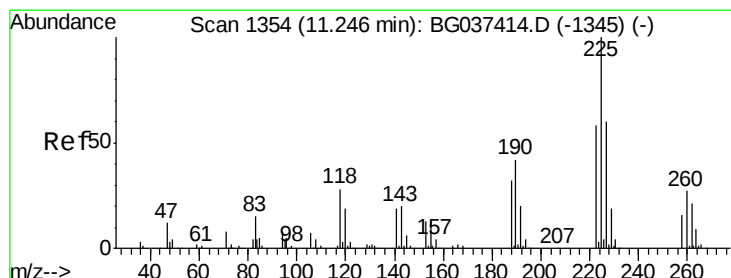
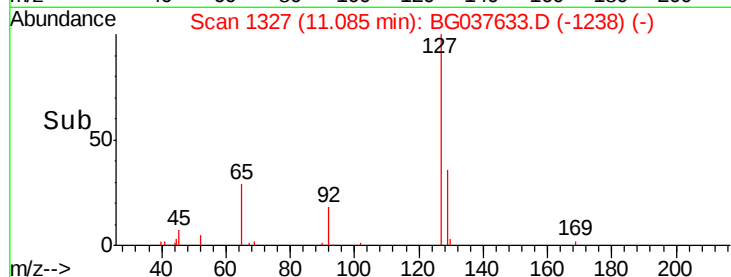
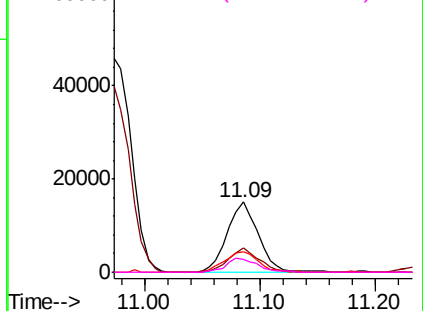
#33
4-Chloroaniline
Concen: 4.138 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

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

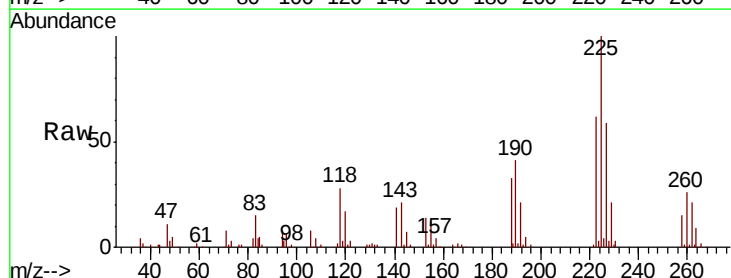


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

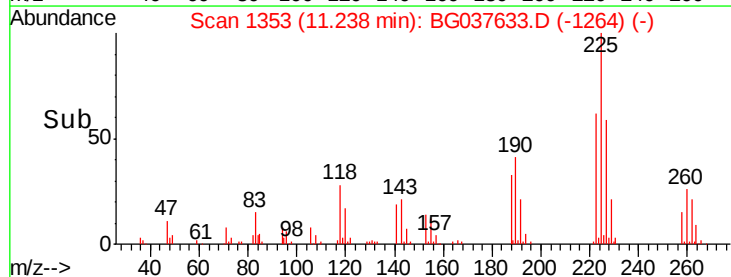
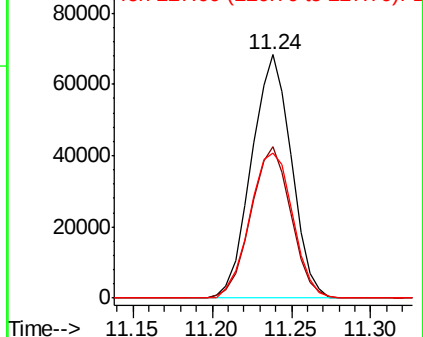


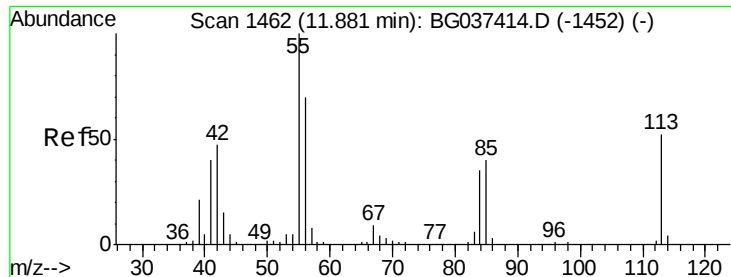
#34
Hexachlorobutadiene
Concen: 37.919 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

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

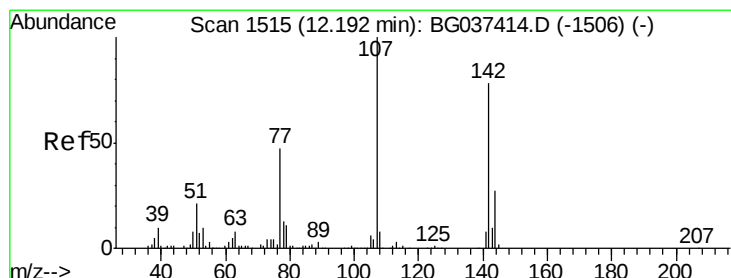
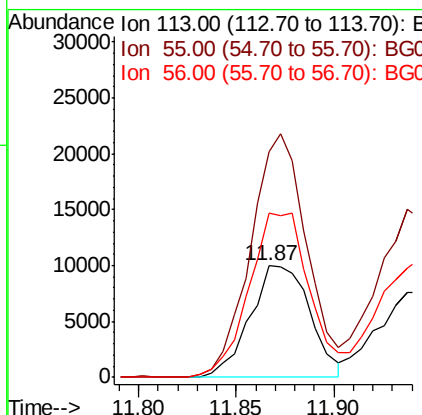
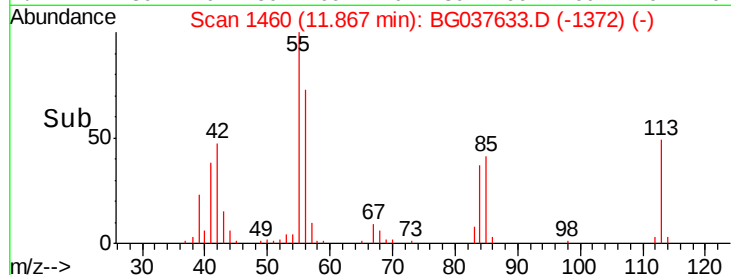
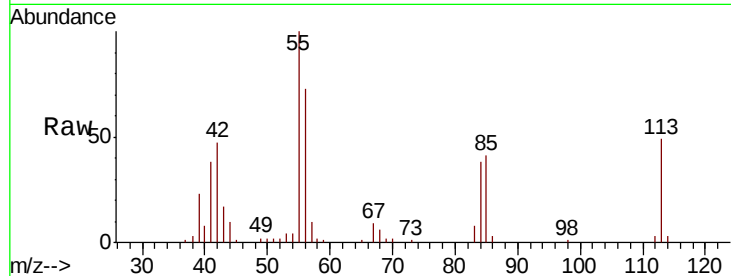




#35
 Caprolactam
 Concen: 10.765 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

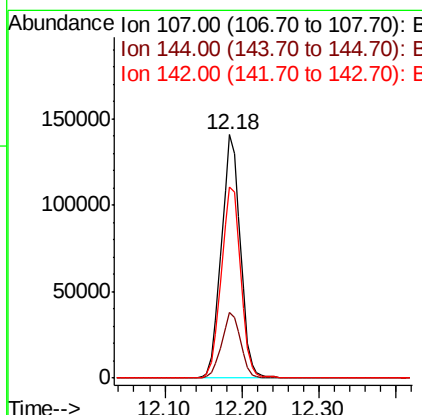
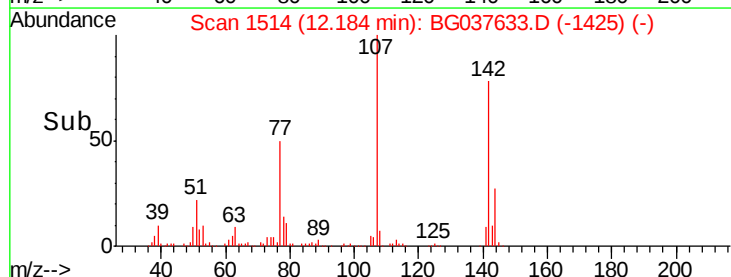
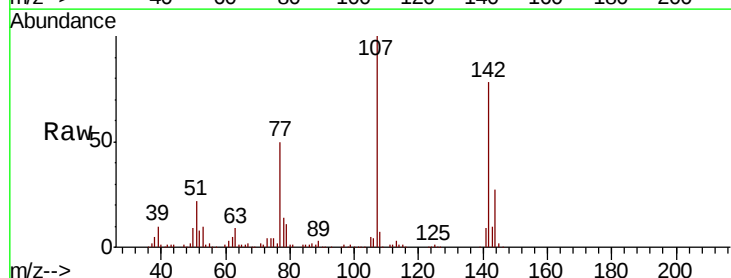
Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

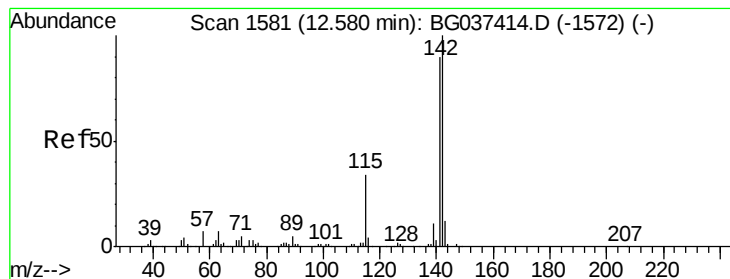
Tot Ion:113 Resp: 21126
 Ion Ratio Lower Upper
 113 100
 55 202.7 176.6 216.6
 56 147.1 128.3 168.3



#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 :

DL-08AMS

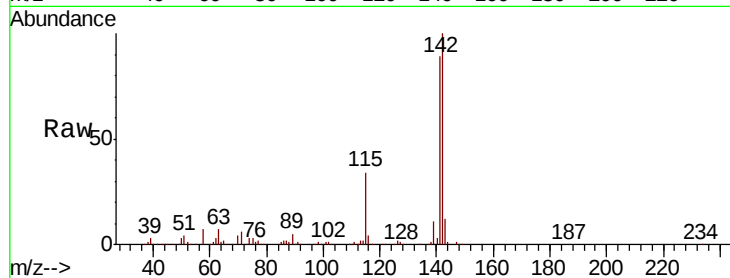
Tot Ion:142 Resp: 481415

Ion Ratio Lower Upper

142 100

141 89.4 71.9 107.9

115 34.0 27.8 41.8

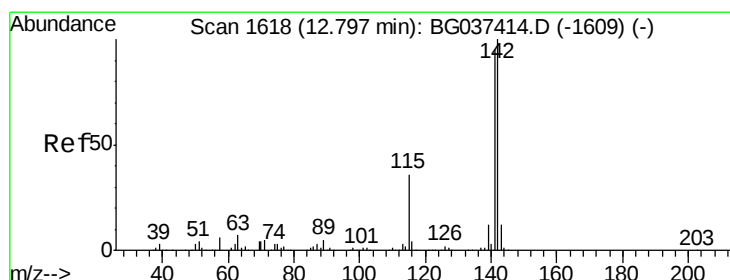
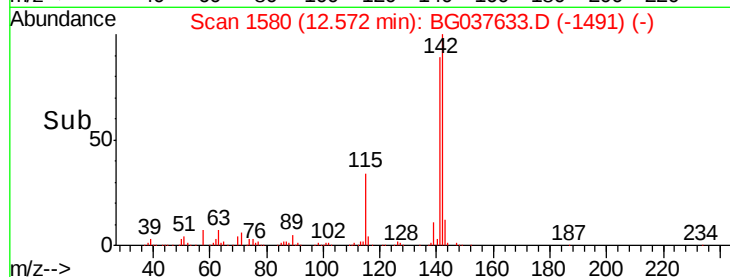
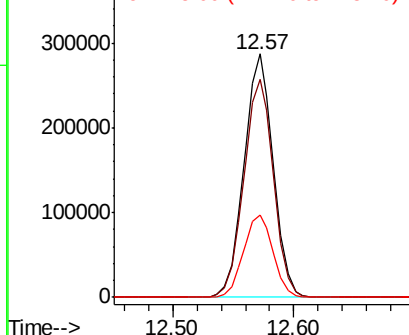


Abundance

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

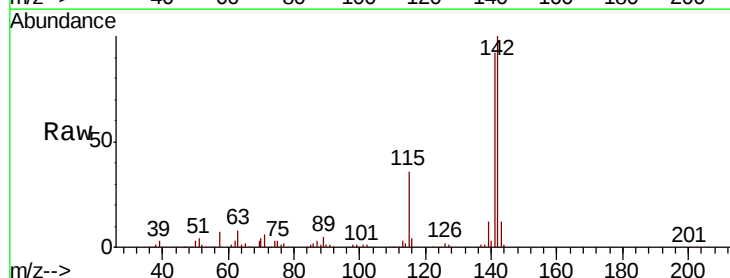
Tgt Ion:142 Resp: 455750

Ion Ratio Lower Upper

142 100

141 92.2 75.2 112.8

116 3.7 3.3 4.9

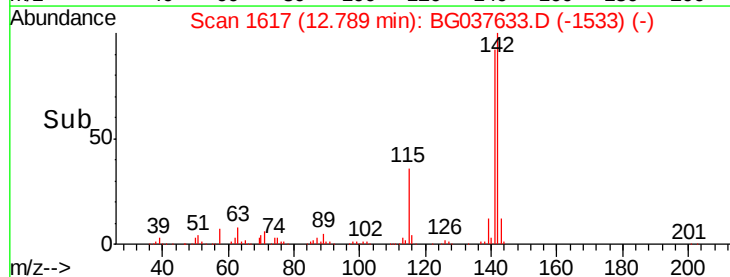
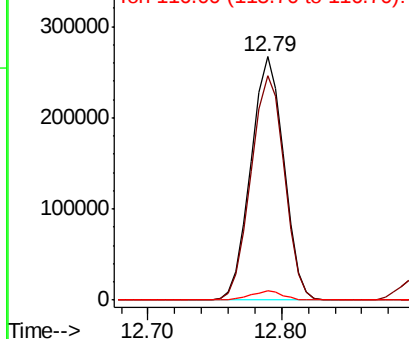


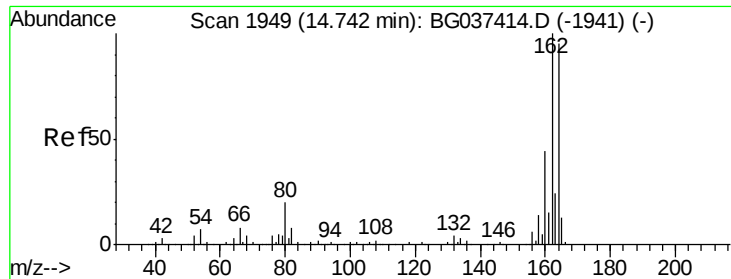
Abundance

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 :

DL-08AMS

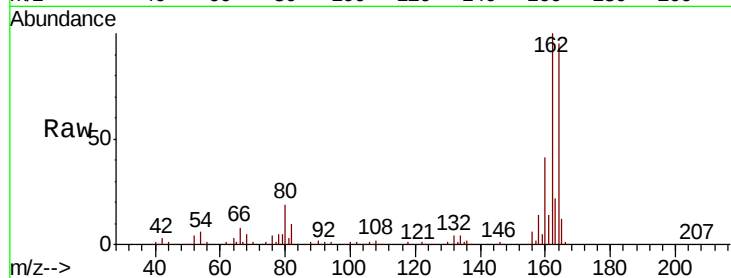
Tot Ion:164 Resp: 193986

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

160 43.6 36.3 54.5

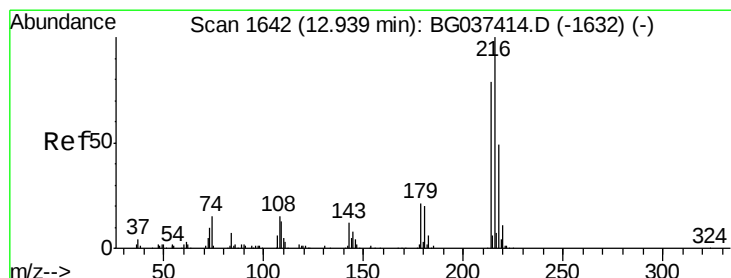
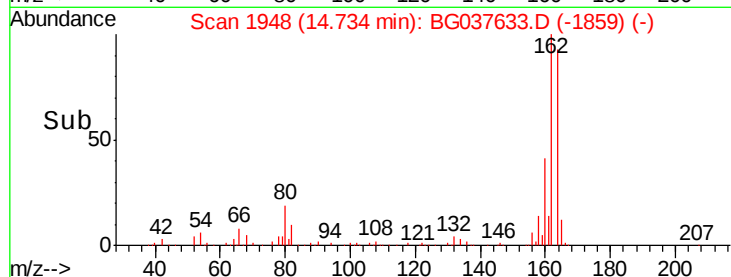
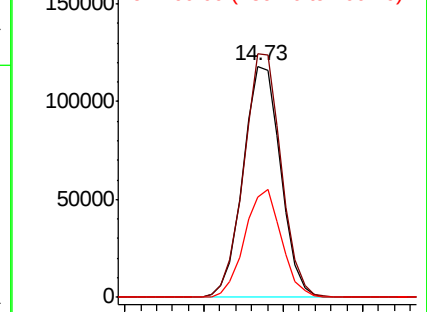


Abundance

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

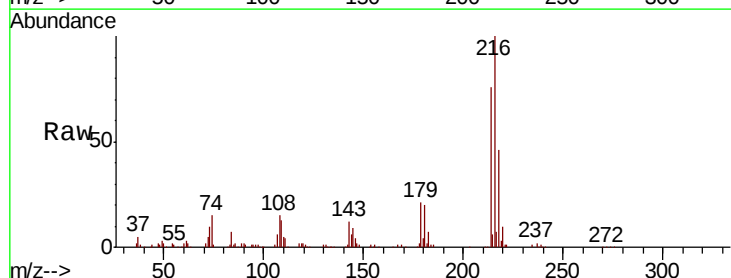
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 21.0 17.4 26.0

108 19.3 13.9 20.9



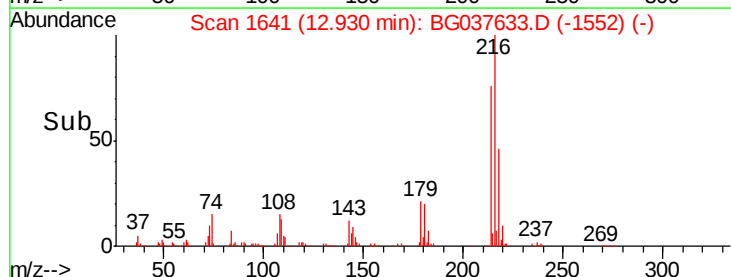
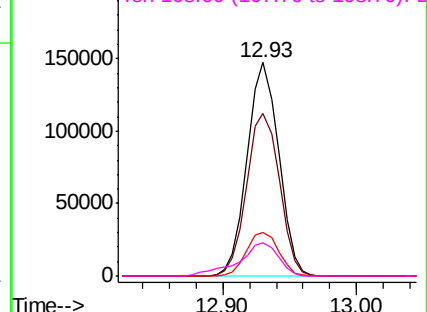
Abundance

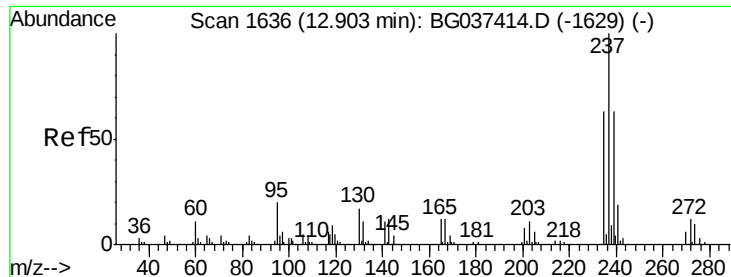
Ion 216.00 (215.70 to 216.70): E

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 :

DL-08AMS

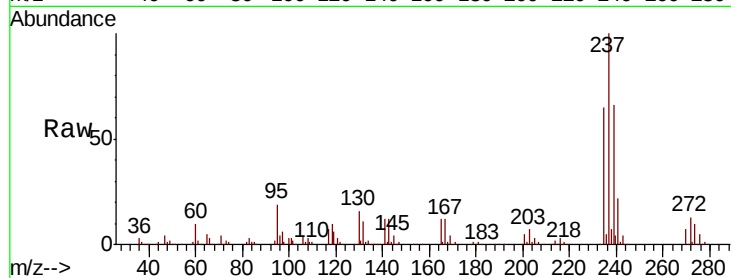
Tot Ion:237 Resp: 291777

Ion Ratio Lower Upper

237 100

235 65.0 42.5 82.5

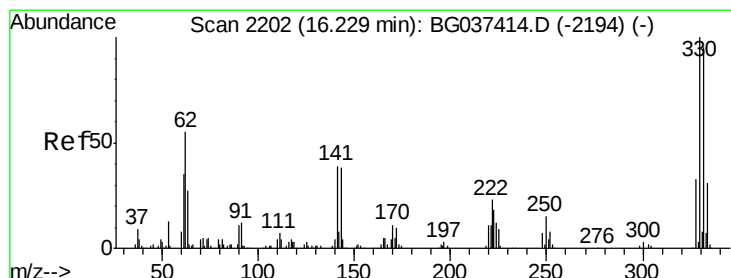
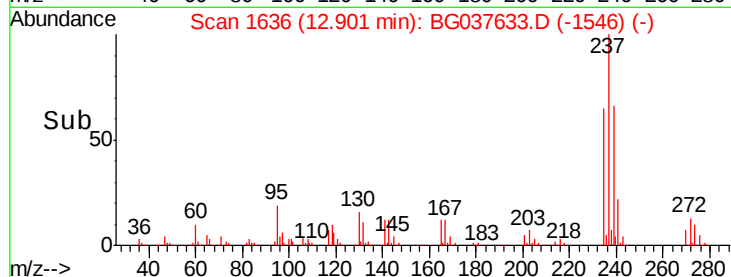
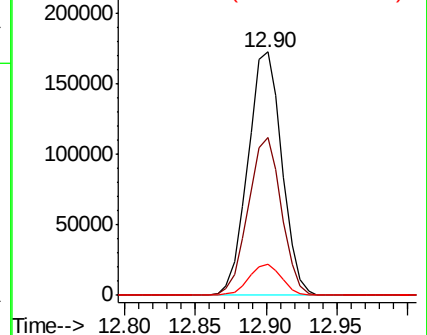
272 12.7 0.0 31.6



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

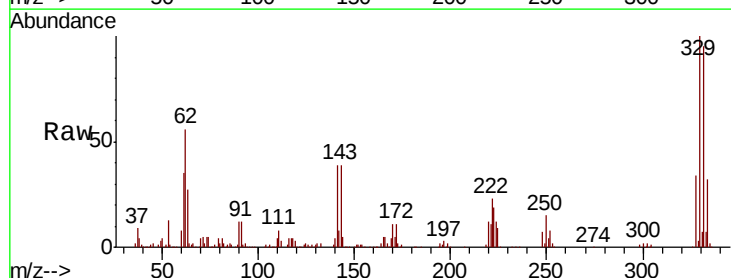
Tgt Ion:330 Resp: 314851

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

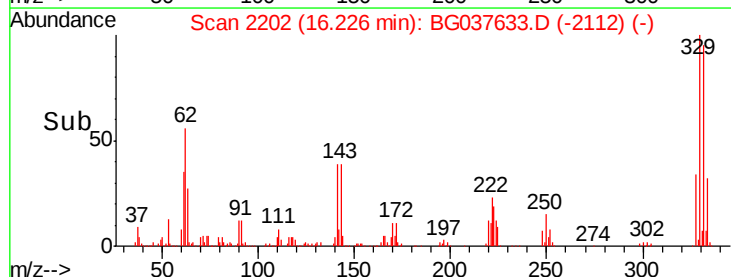
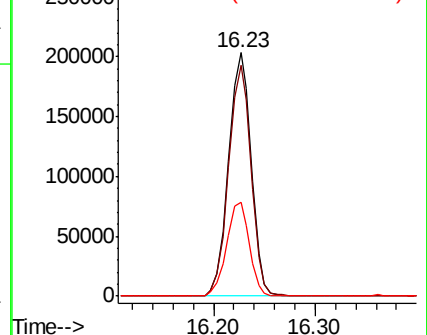
141 38.8 32.2 48.2

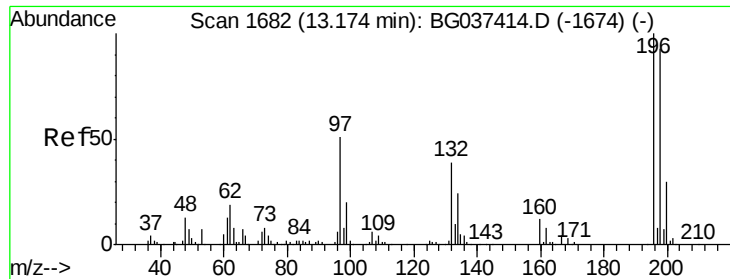


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

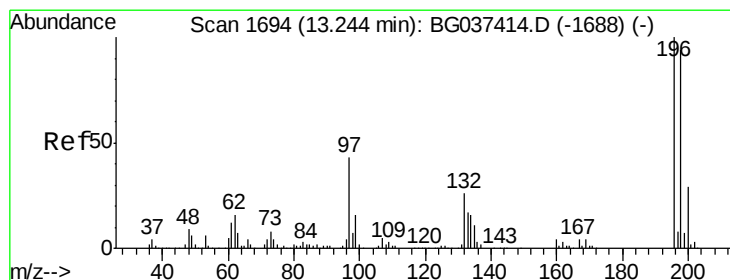
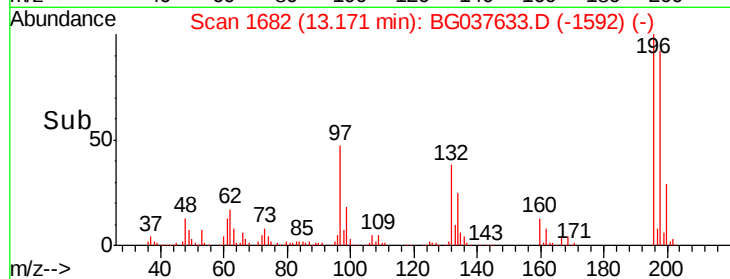
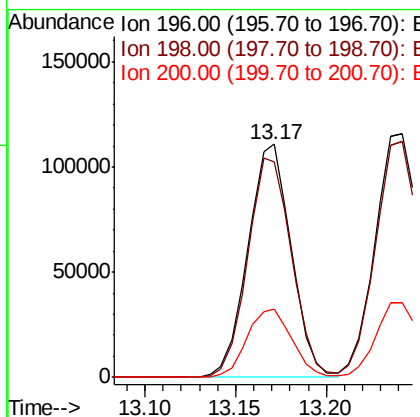
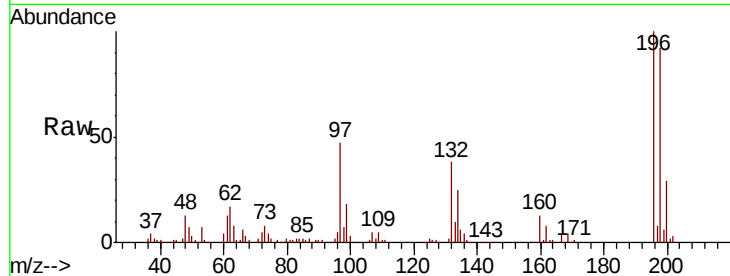




#43
 2,4,6-Trichlorophenol
 Concen: 43.992 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

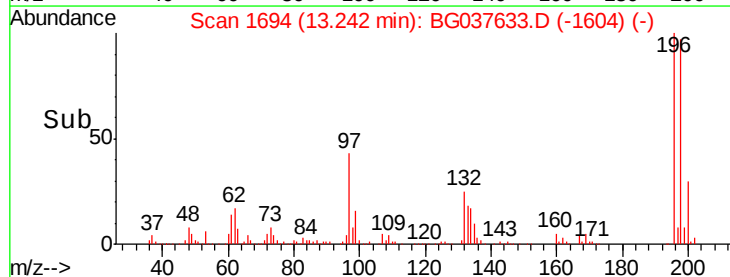
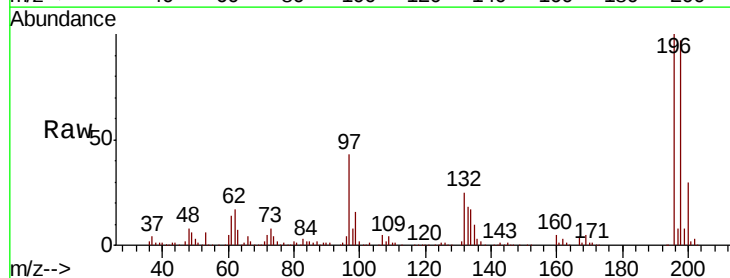
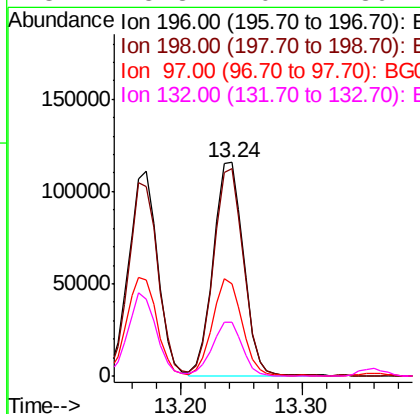
Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

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



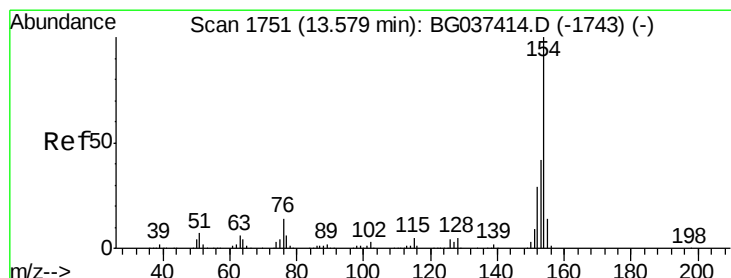
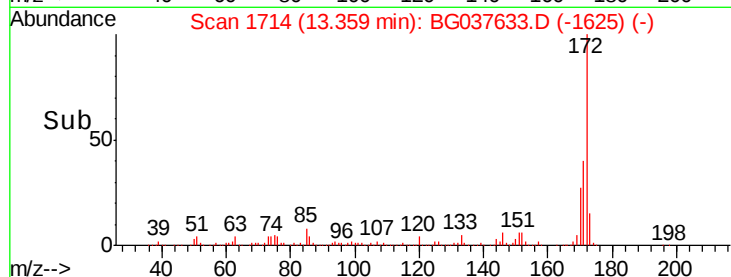
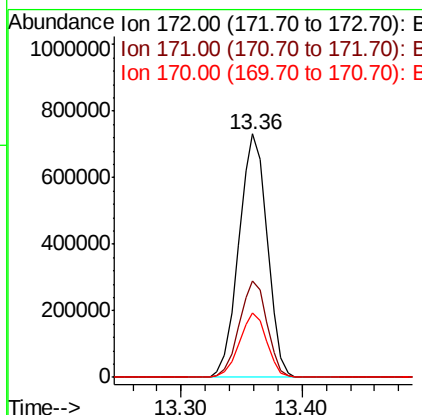
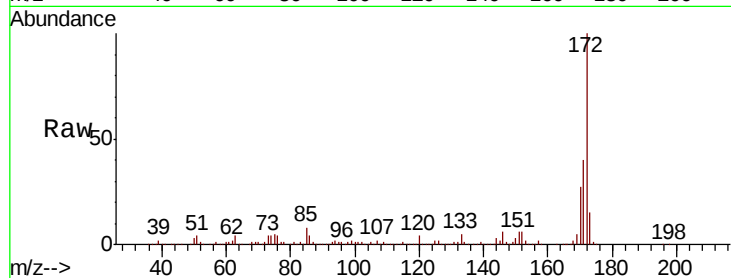


#45
 2-Fluorobiphenyl
 Concen: 93.117 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

Tot Ion:172 Resp: 1197883

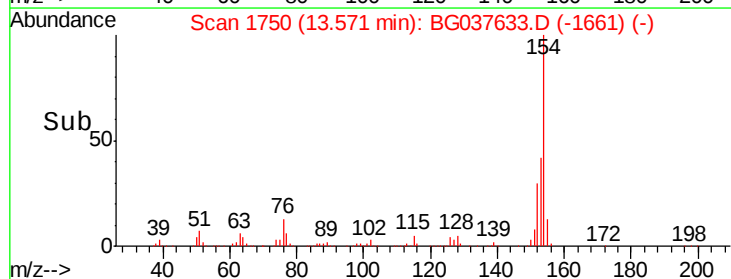
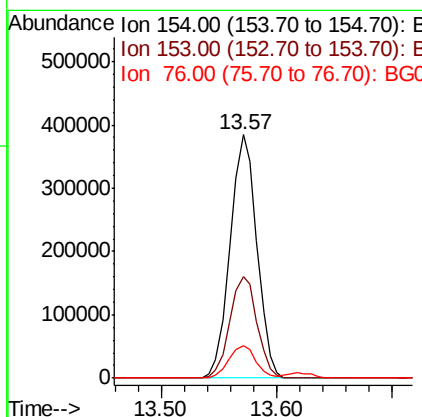
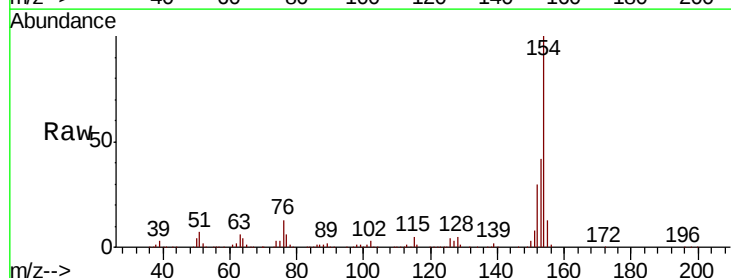
Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.0	46.4
170	26.6	20.2	30.2

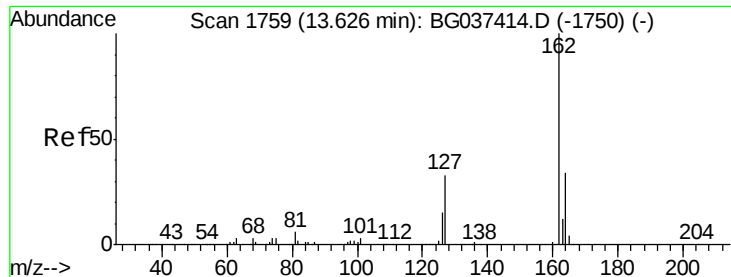


#46
 1,1'-Biphenyl
 Concen: 38.219 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

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

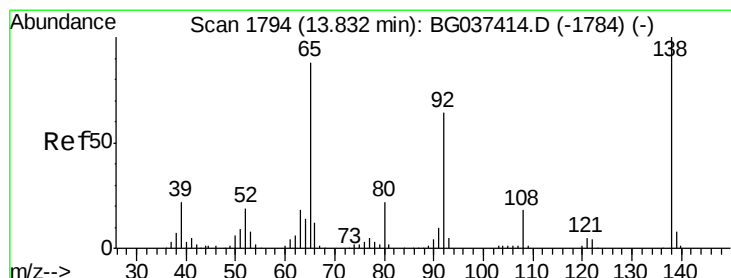
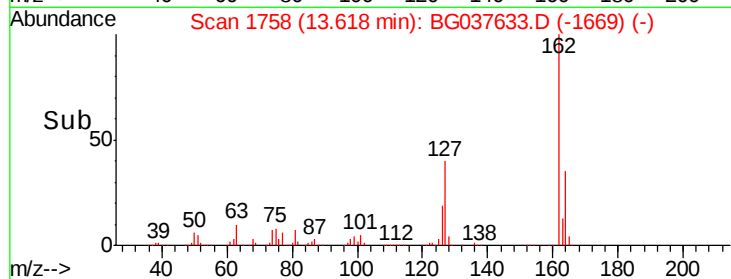
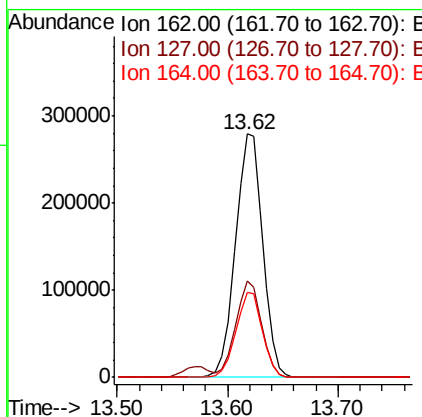
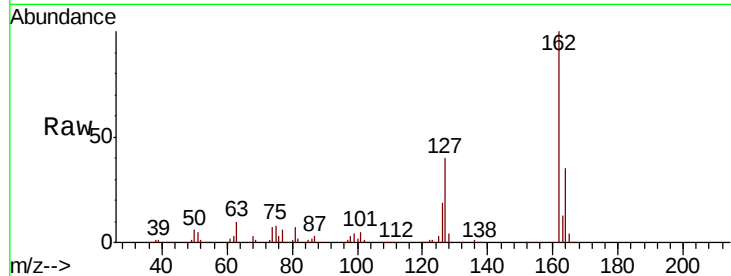




#47
 2-Chloronaphthalene
 Concen: 39.695 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

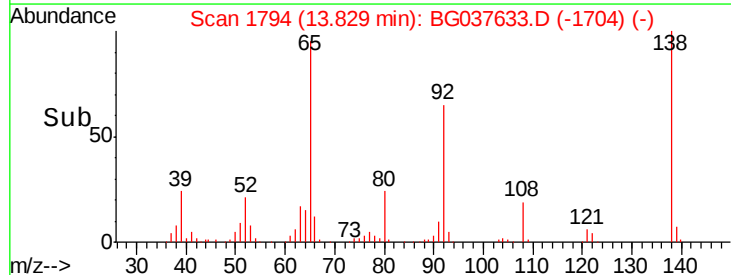
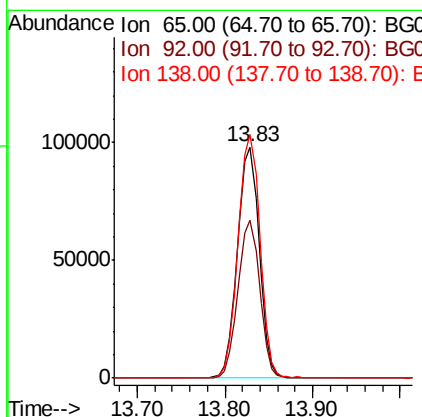
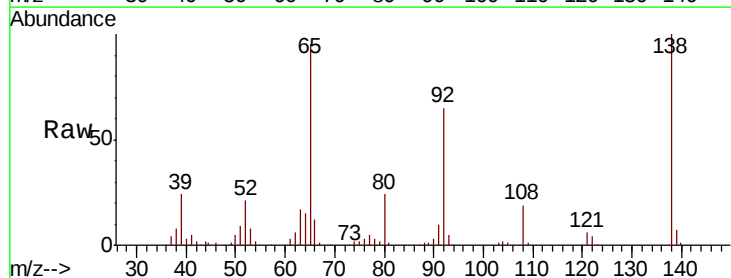
Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

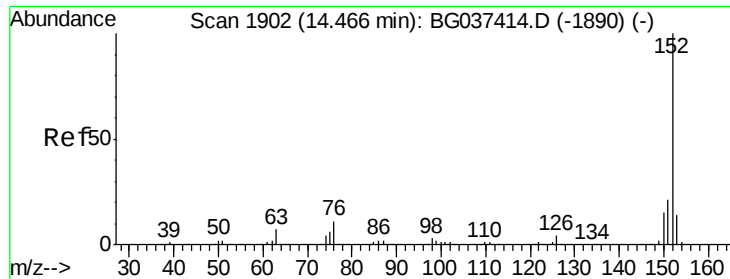
Tot Ion:162 Resp: 482462
 Ion Ratio Lower Upper
 162 100
 127 39.8 30.5 45.7
 164 34.9 26.4 39.6



#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





#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 :

DL-08AMS

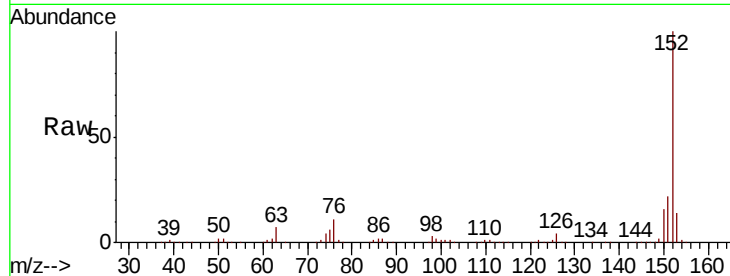
Tot Ion:152 Resp: 801128

Ion Ratio Lower Upper

152 100

151 21.9 17.1 25.7

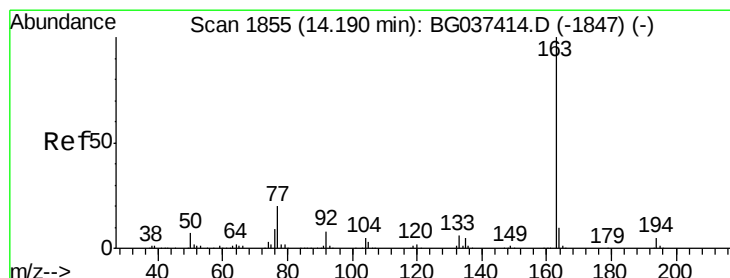
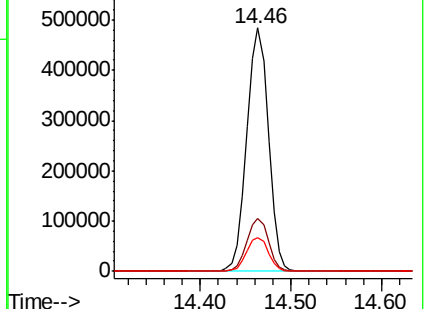
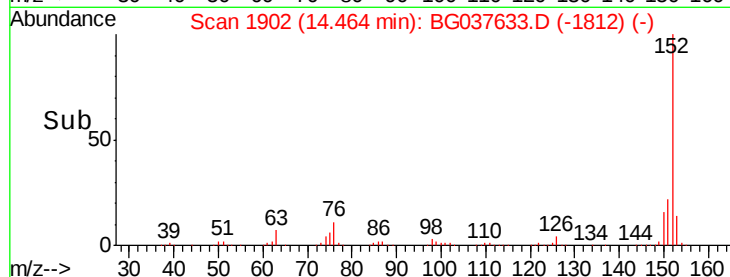
153 13.8 11.1 16.7



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

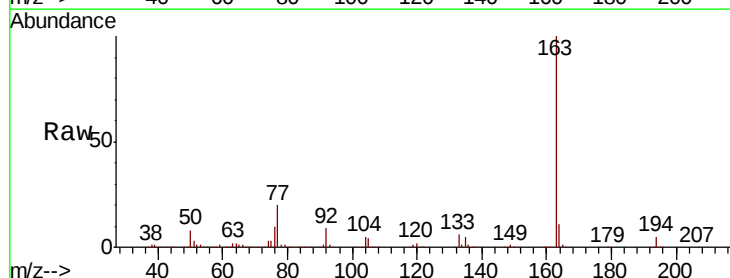
Tgt Ion:163 Resp: 823683

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

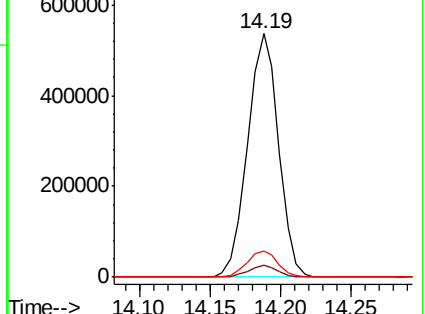
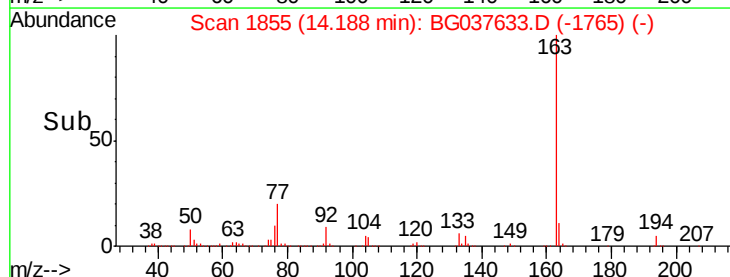
164 10.6 8.5 12.7

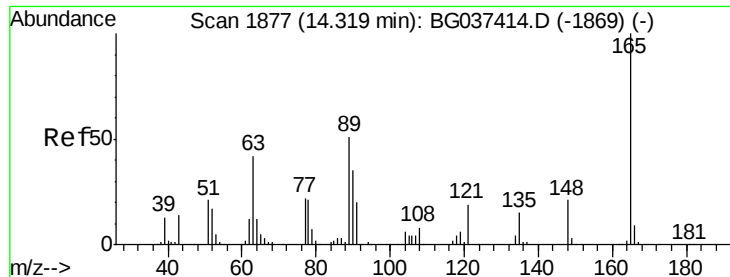


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

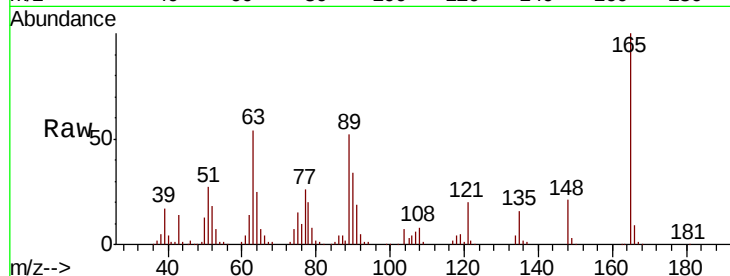




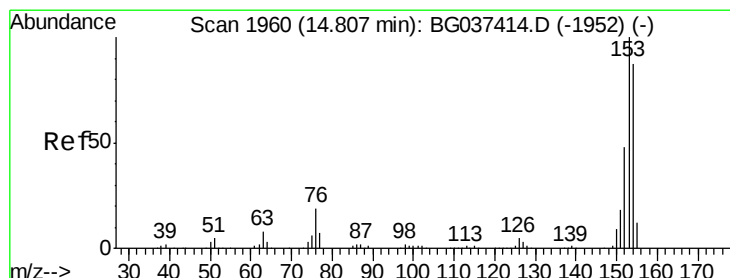
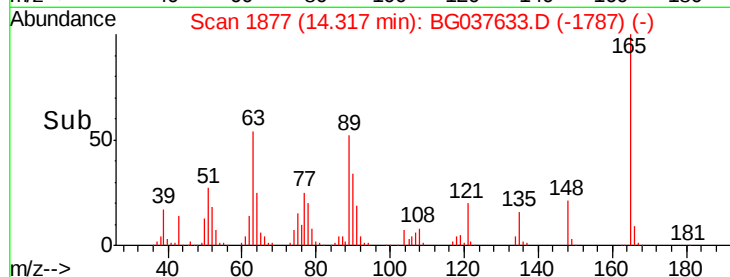
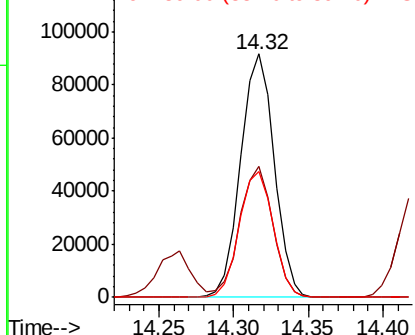
#51
 2,6-Dinitrotoluene
 Concen: 43.141 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

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

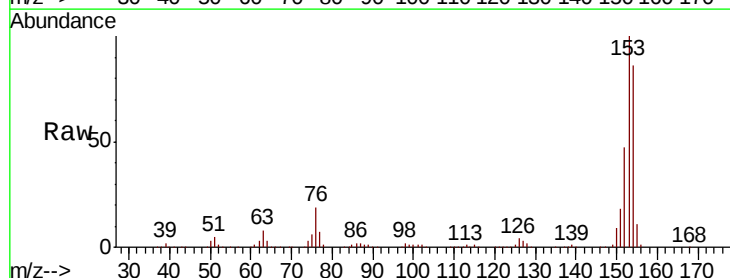


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

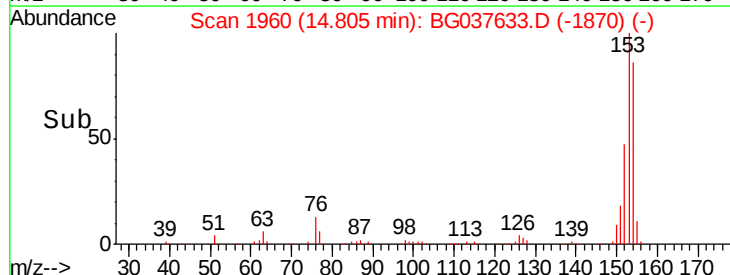
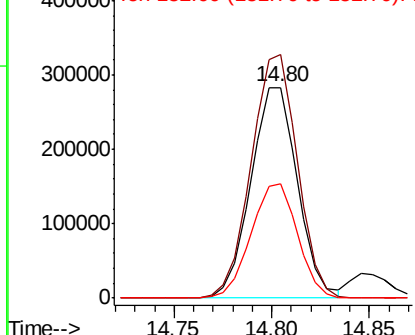


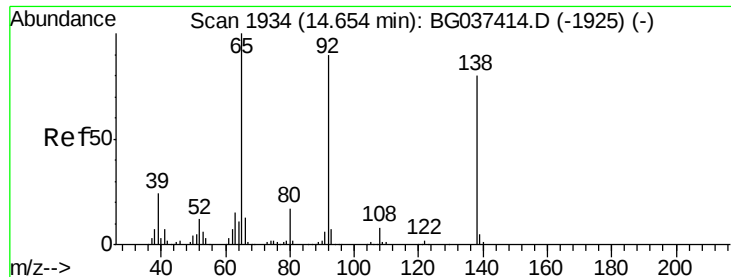
#52
 Acenaphthene
 Concen: 41.846 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

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

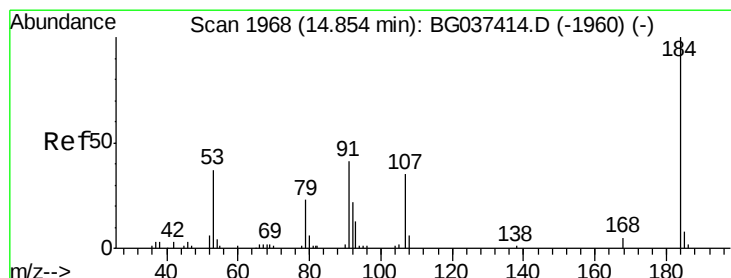
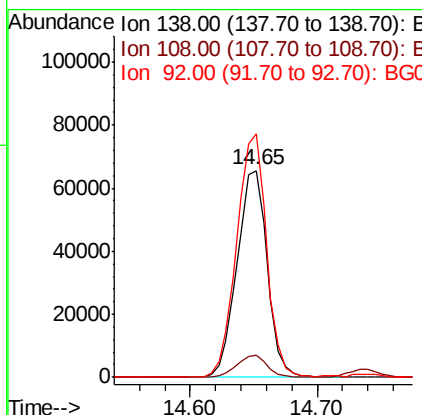
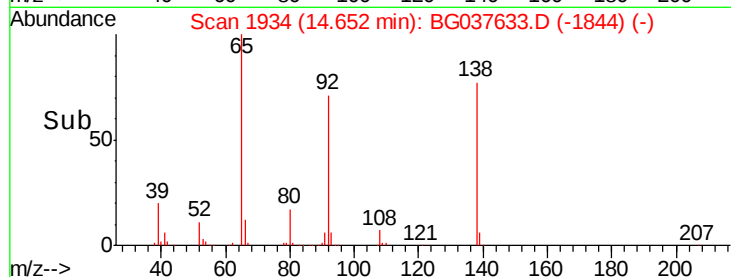
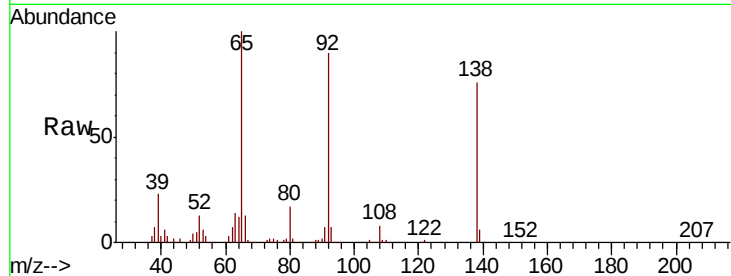




#53
3-Nitroaniline
Concen: 29.445 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

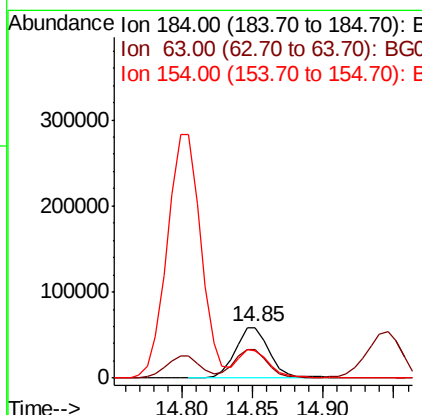
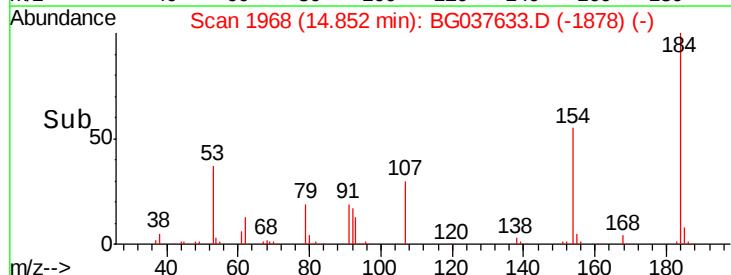
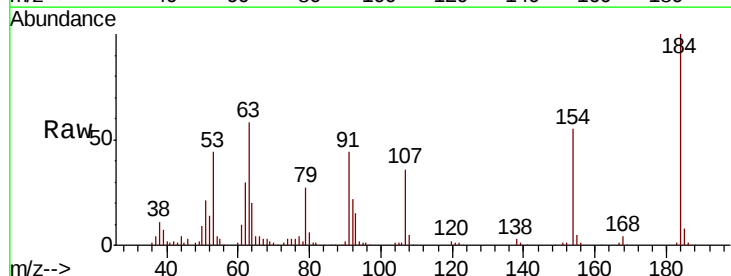
Instrument :
BNA_G
ClientSampleId :
DL-08AMS

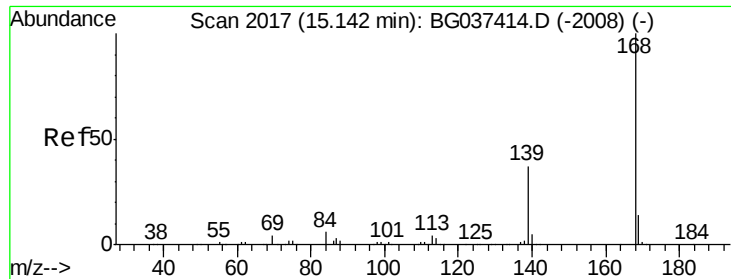
Tot Ion:138 Resp: 108519
Ion Ratio Lower Upper
138 100
108 10.7 11.0 16.6#
92 117.7 95.2 142.8



#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

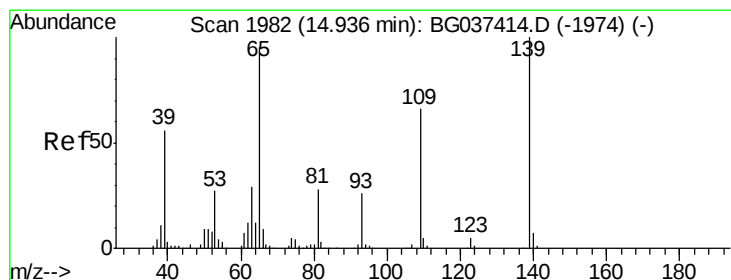
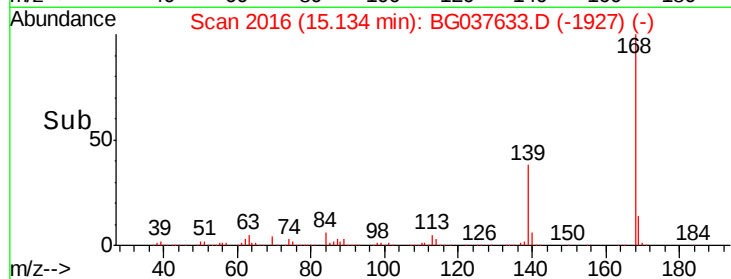
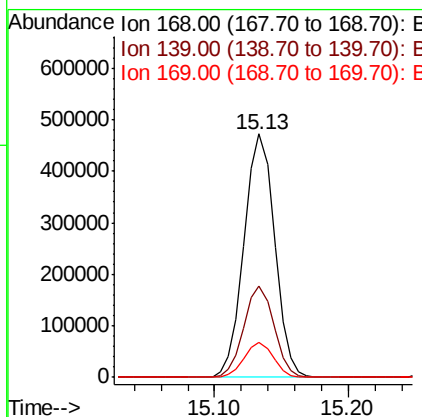
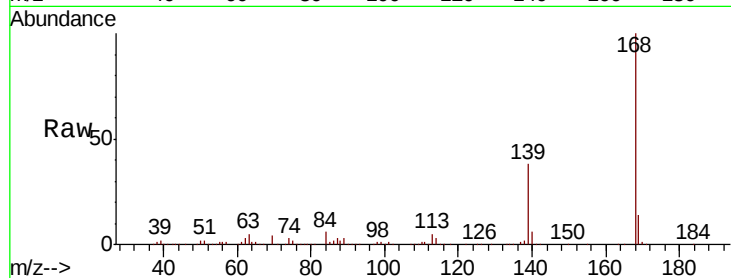




#55
Dibenzenofuran
Concen: 40.111 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

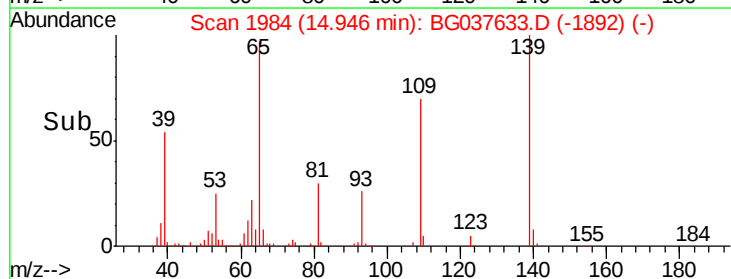
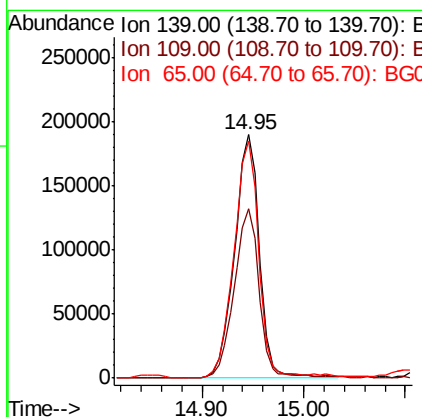
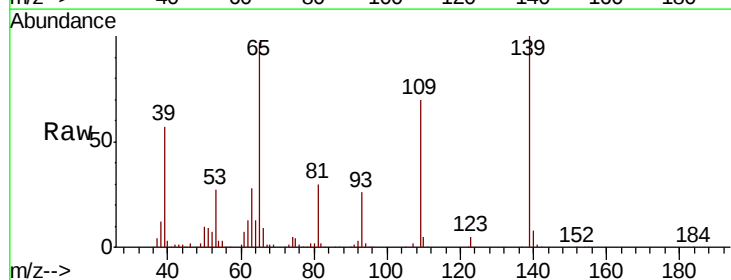
Instrument :
BNA_G
ClientSampleId :
DL-08AMS

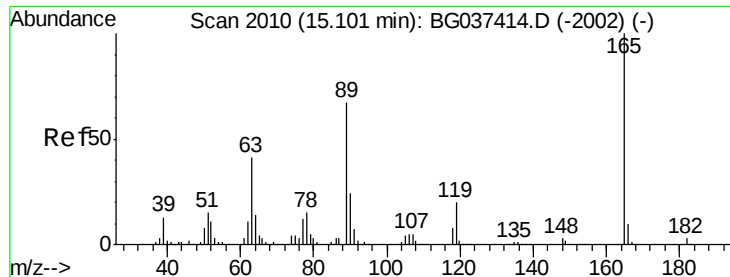
Tot Ion:168 Resp: 748299
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.0
169 14.4 11.0 16.6



#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

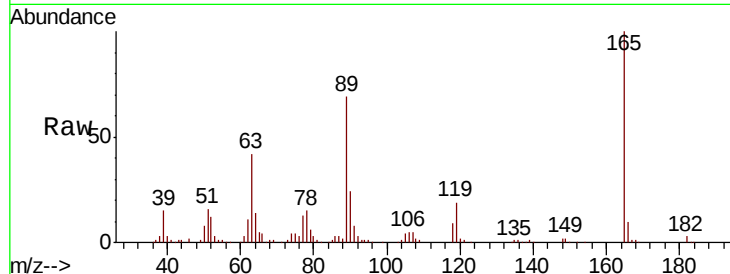




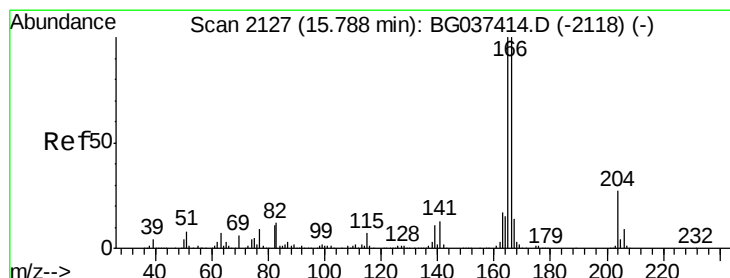
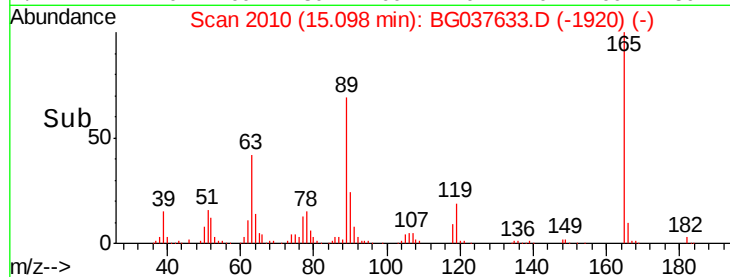
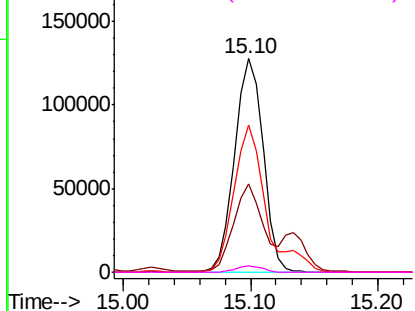
#57
2,4-Dinitrotoluene
Concen: 45.707 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

Tot Ion:165	Resp:	199185
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

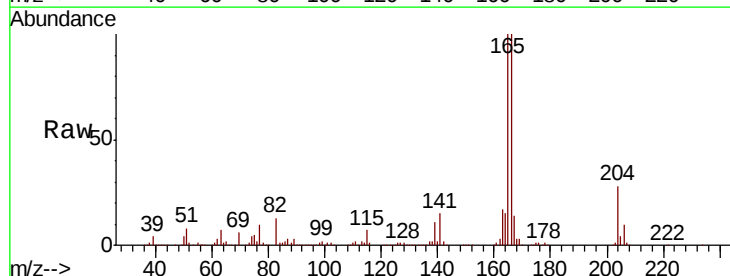


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

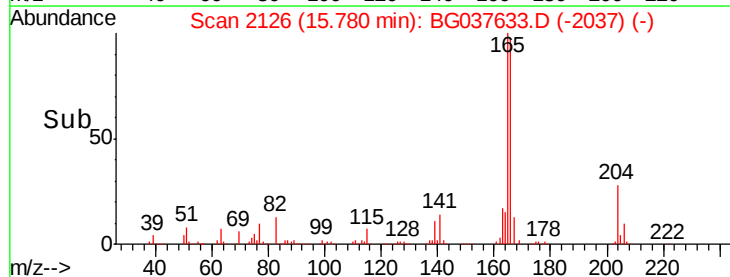
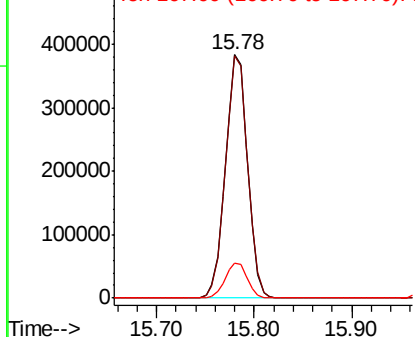


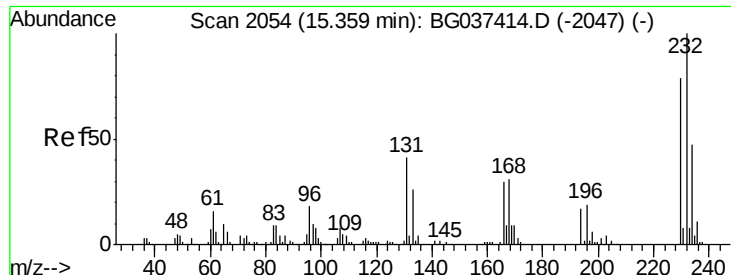
#58
Fluorene
Concen: 42.962 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Tgt Ion:166	Resp:	600200
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

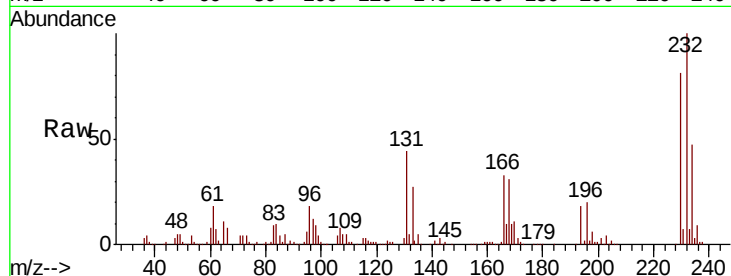




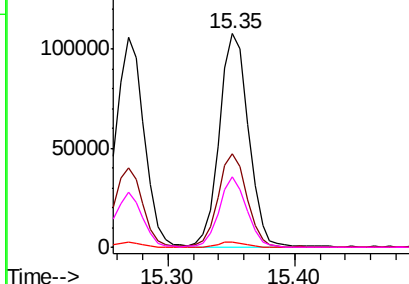
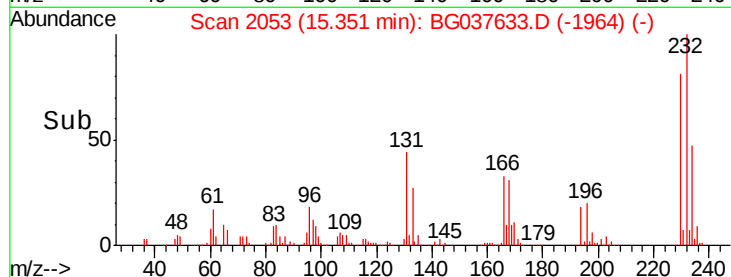
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.474 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

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

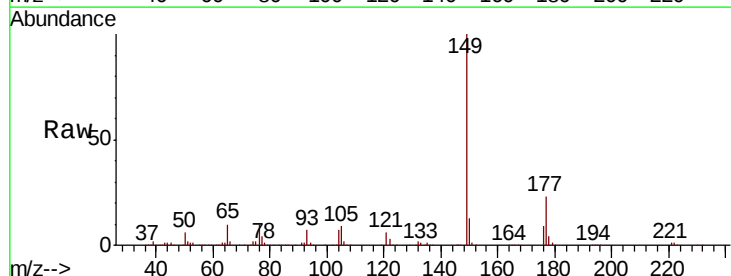


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

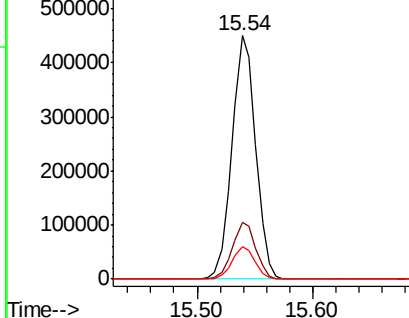
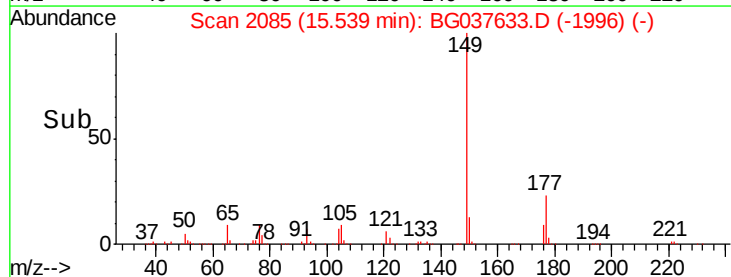


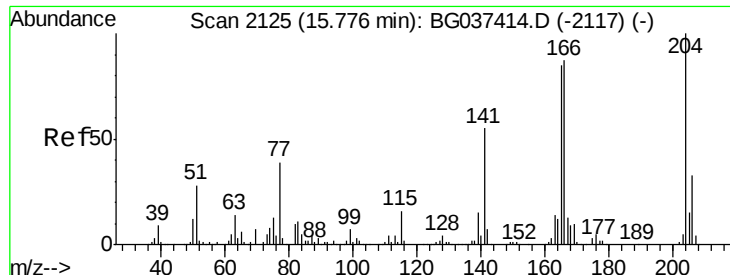
#60
 Diethylphthalate
 Concen: 41.275 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

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

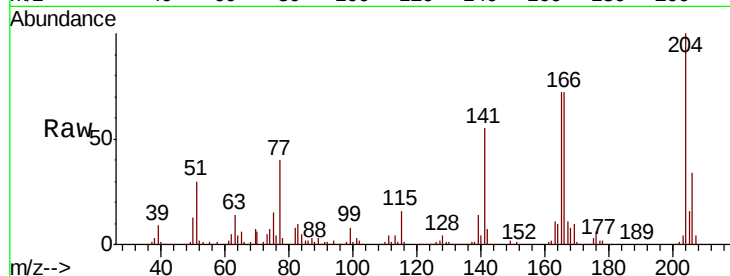




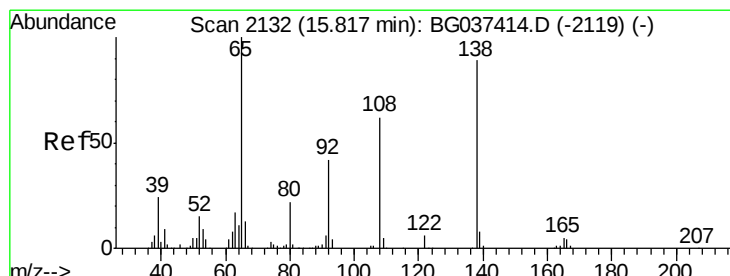
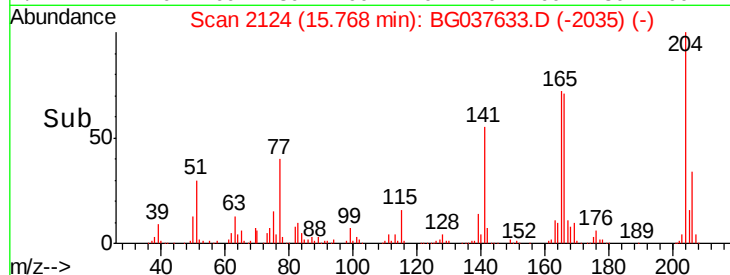
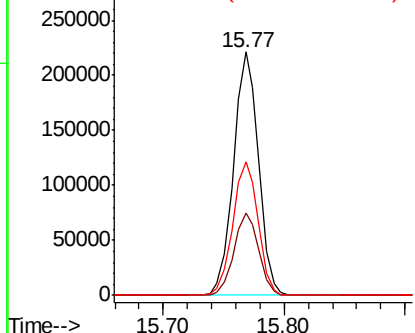
#61
4-Chlorophenyl-phenylether
Concen: 38.881 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampled :
DL-08AMS

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

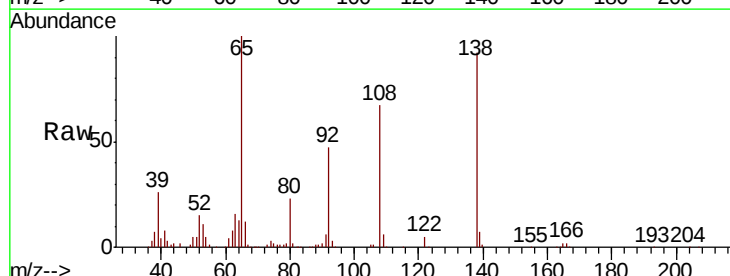


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

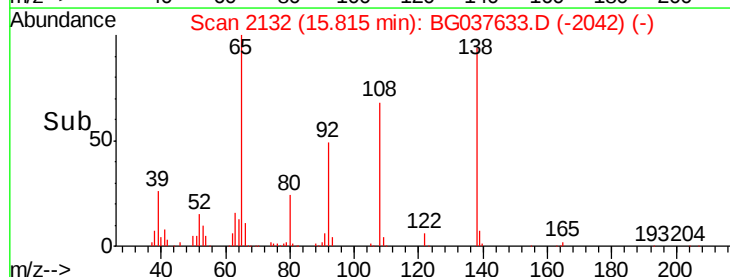
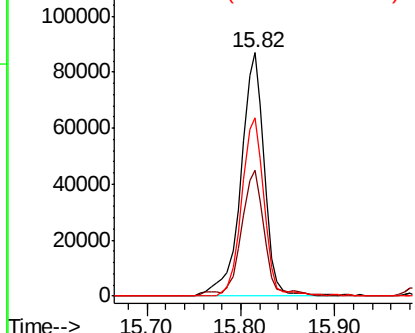


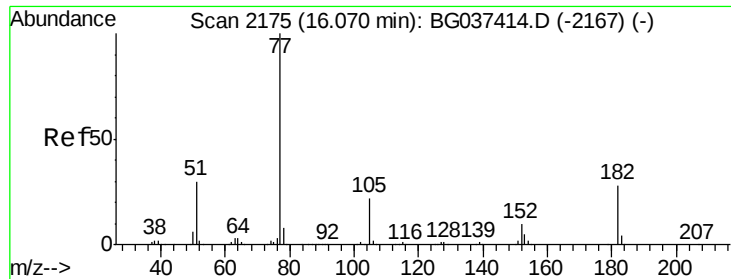
#62
4-Nitroaniline
Concen: 40.818 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

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

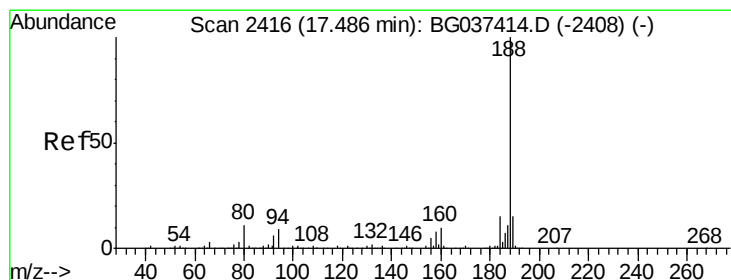
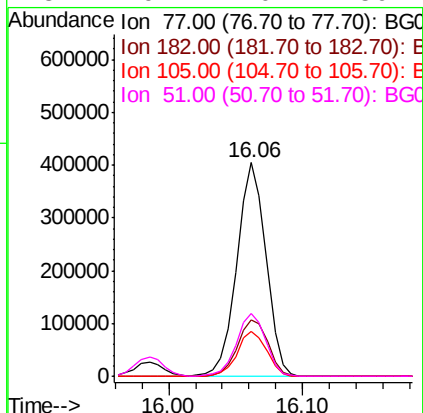
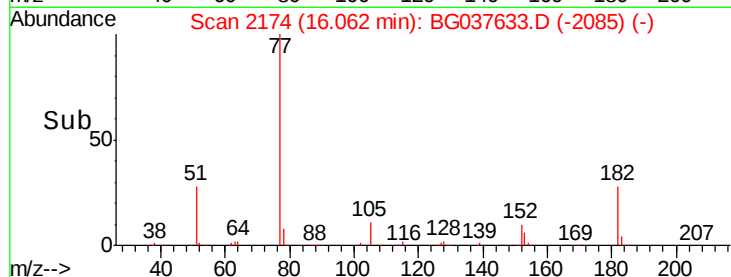
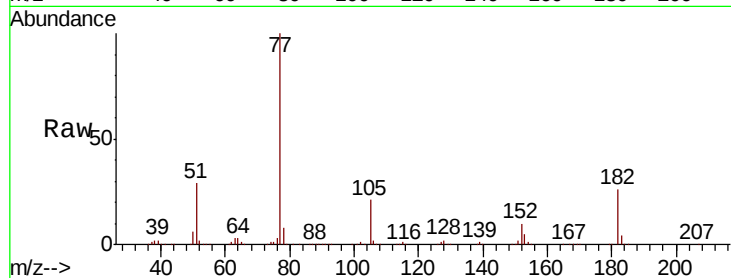




#63
Azobenzene
Concen: 41.508 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

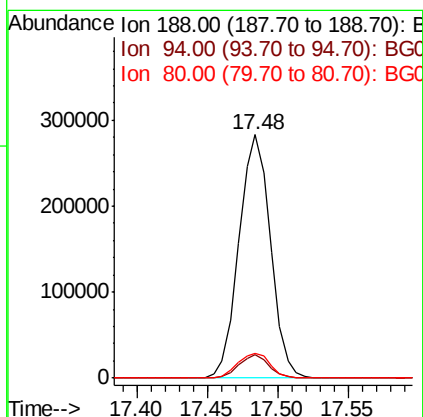
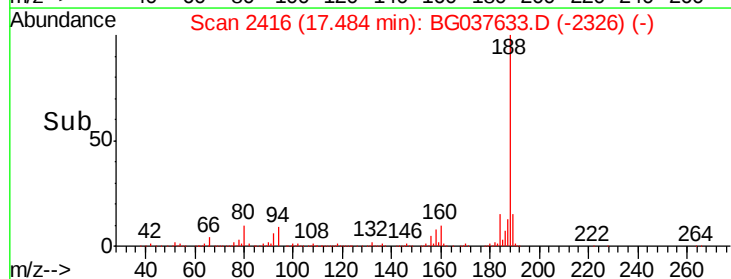
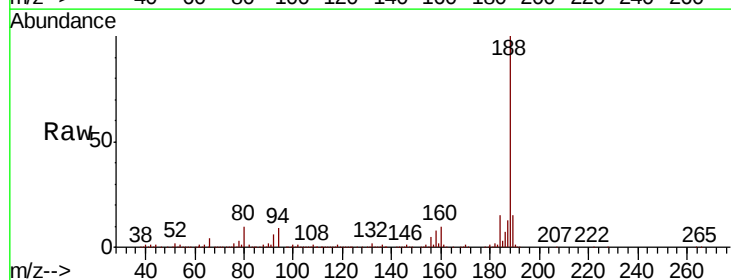
Instrument :
BNA_G
ClientSampleId :
DL-08AMS

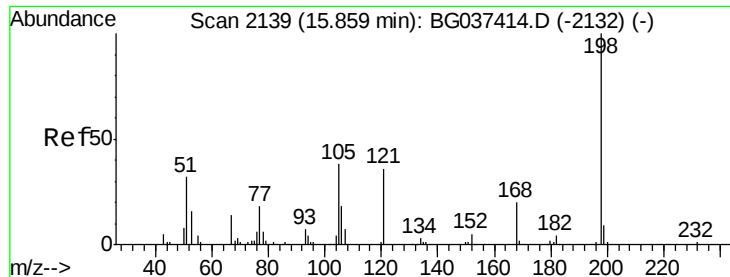
Tot Ion:	77	Resp:	610178
Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.0	48.0
105	20.8	1.3	41.3
51	29.1	10.7	50.7



#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





#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 :

DL-08AMS

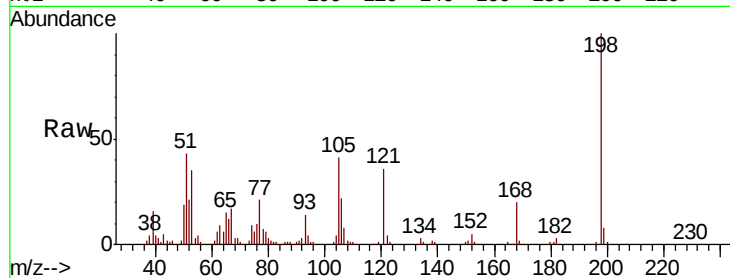
Tot Ion:198 Resp: 98828

Ion Ratio Lower Upper

198 100

51 42.8 22.7 62.7

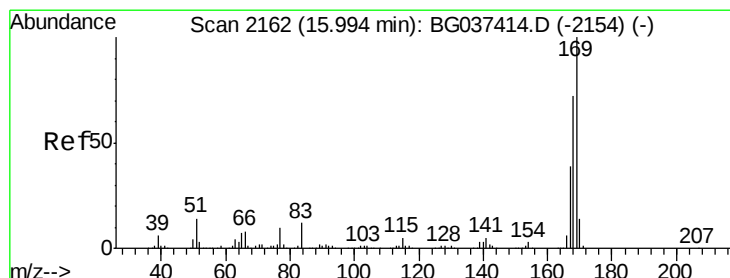
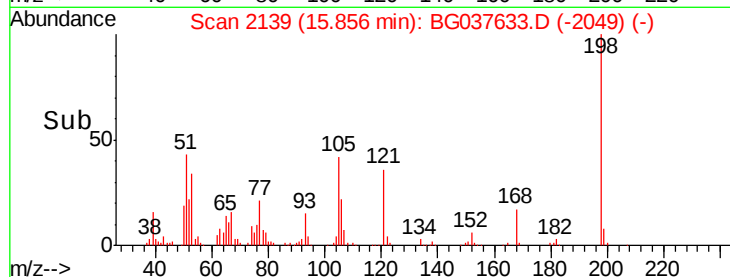
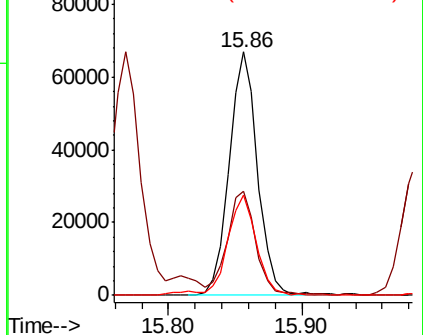
105 41.3 19.7 59.7



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

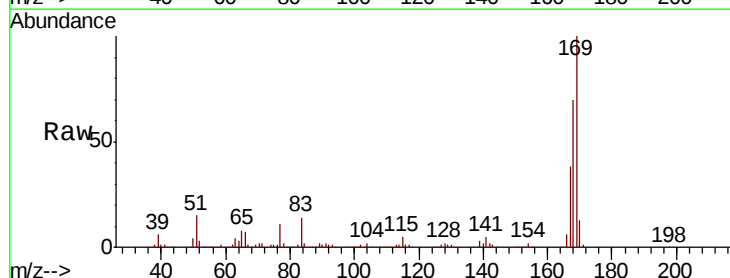
Tgt Ion:169 Resp: 377416

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

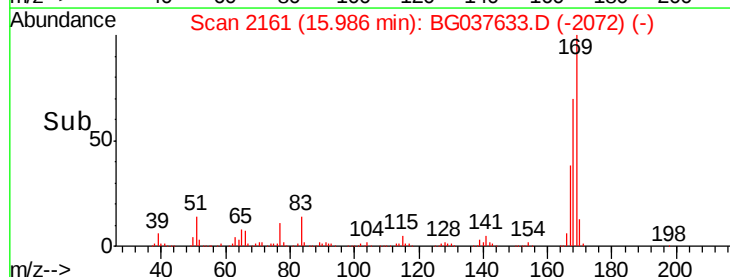
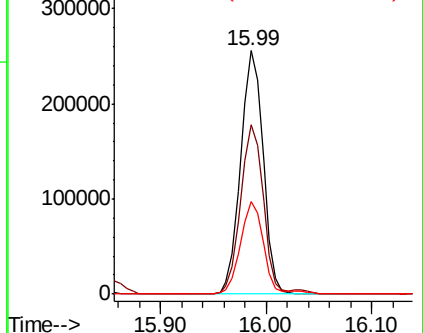
167 38.2 31.3 46.9

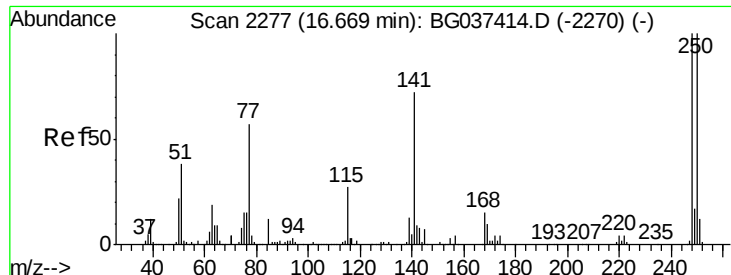


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

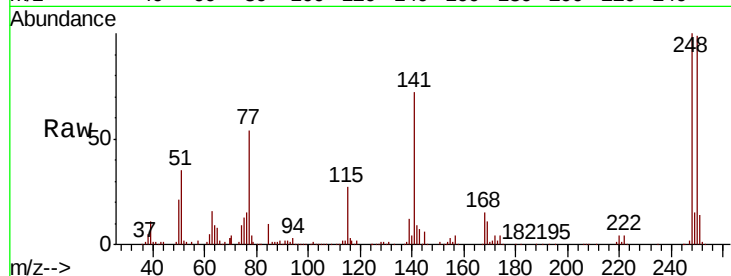




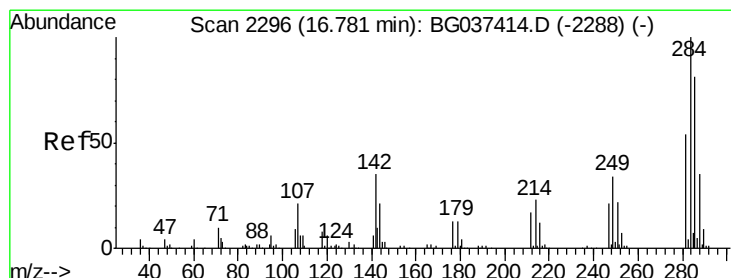
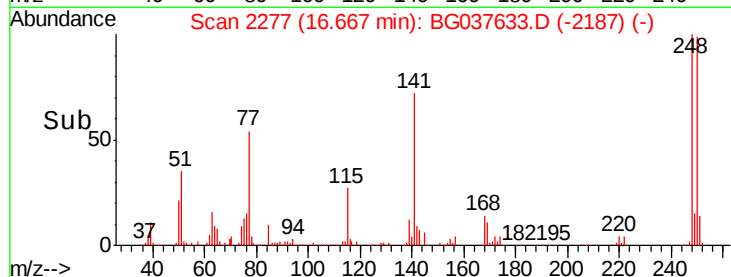
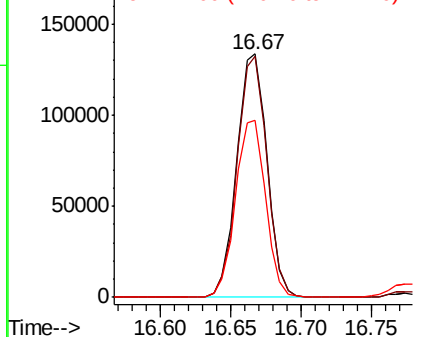
#67
4-Bromophenyl-phenylether
Concen: 41.093 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

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

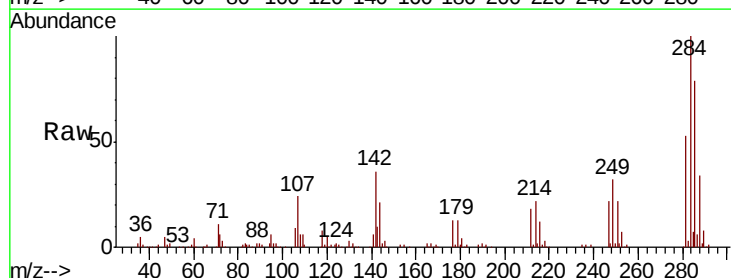


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

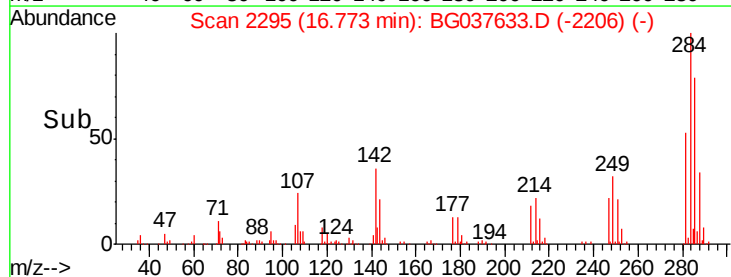
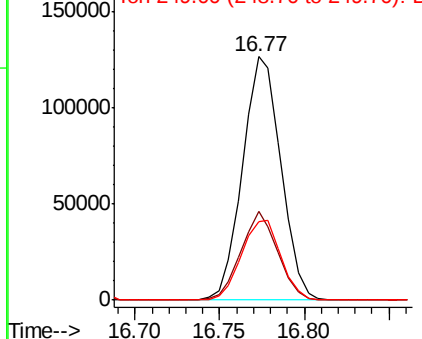


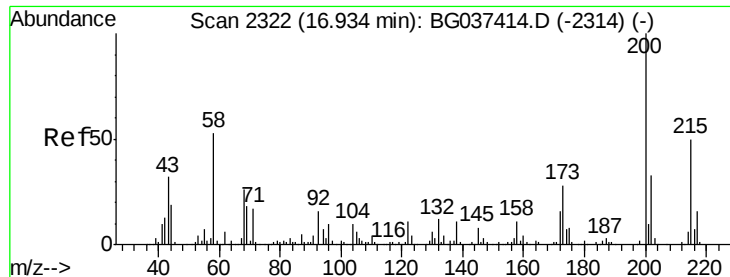
#68
Hexachlorobenzene
Concen: 39.511 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

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

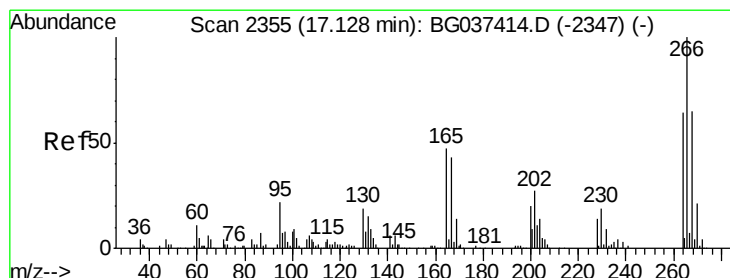
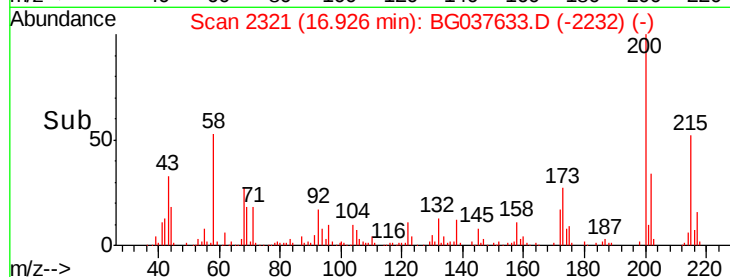
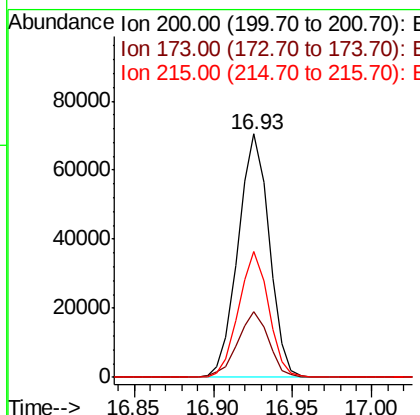
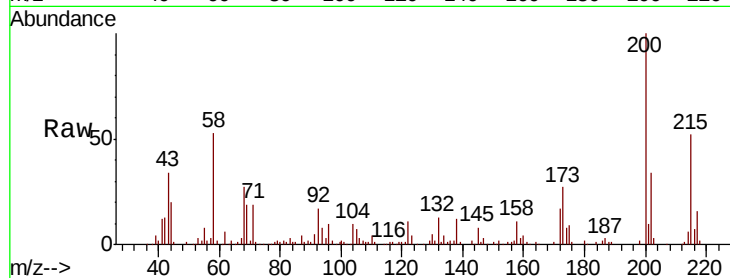




#69
 Atrazine
 Concen: 19.976 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

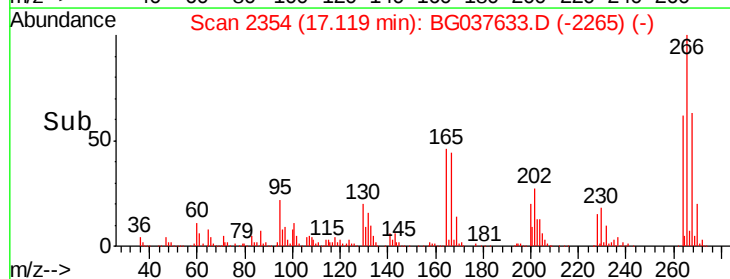
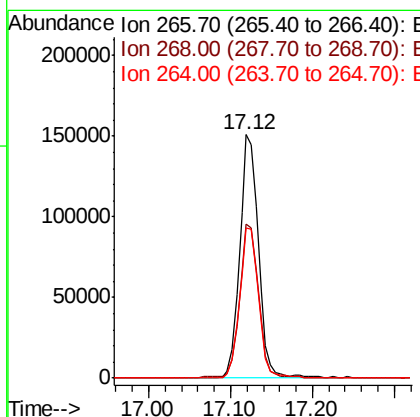
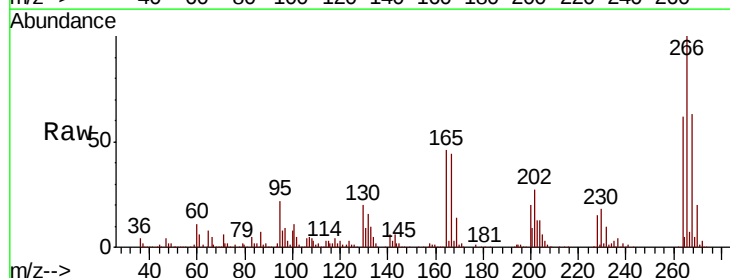
Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

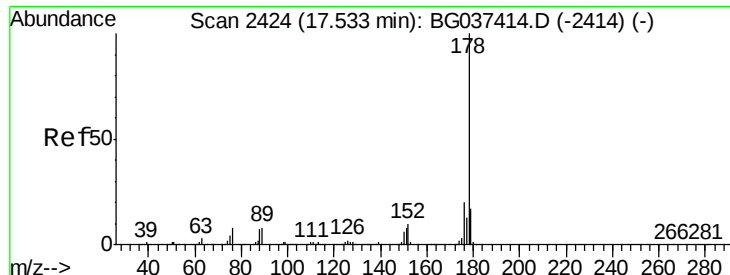
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.1	46.1
215	51.8	30.8	70.8



#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	Ratio	Lower	Upper
266	100		
268	68.2	55.0	82.6
264	66.4	58.9	88.3

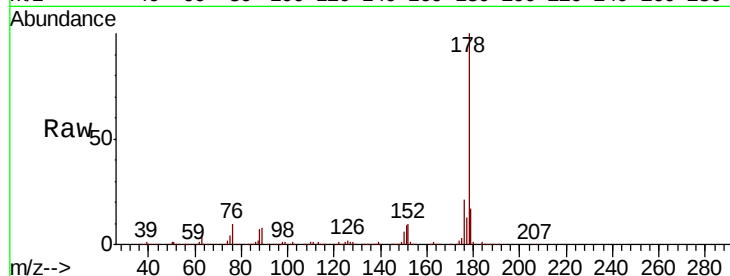




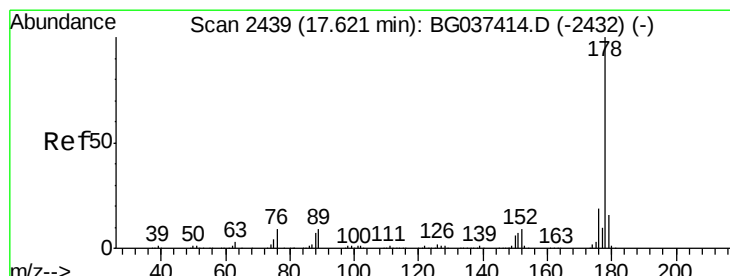
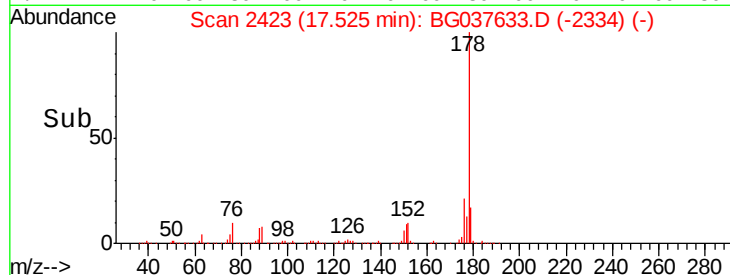
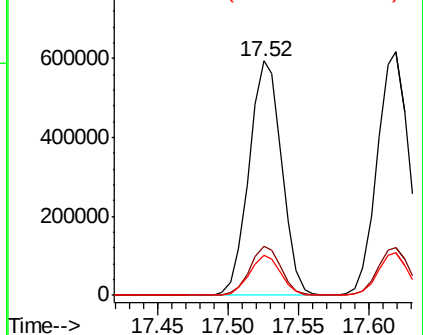
#71
Phenanthrene
Concen: 42.912 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

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

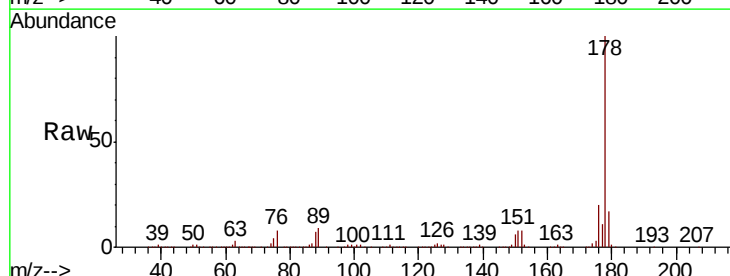


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

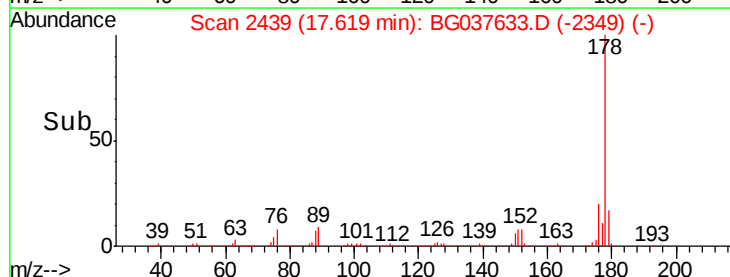
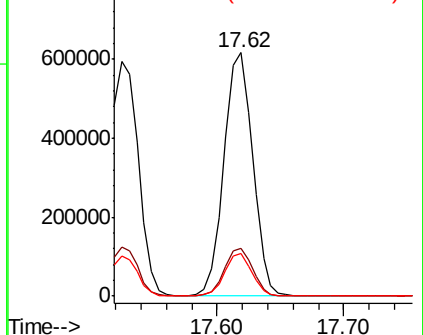


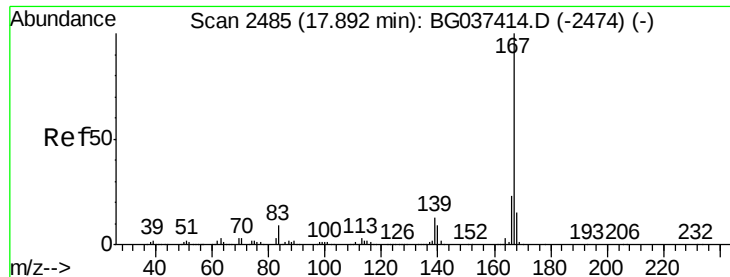
#72
Anthracene
Concen: 43.885 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

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

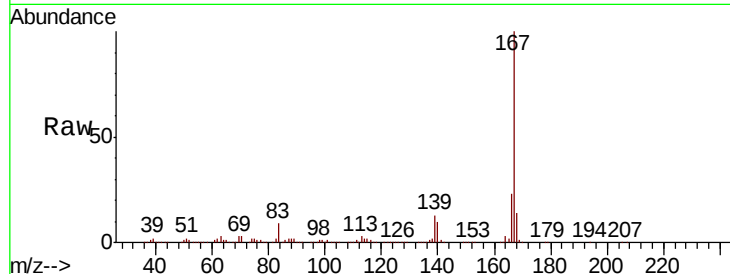




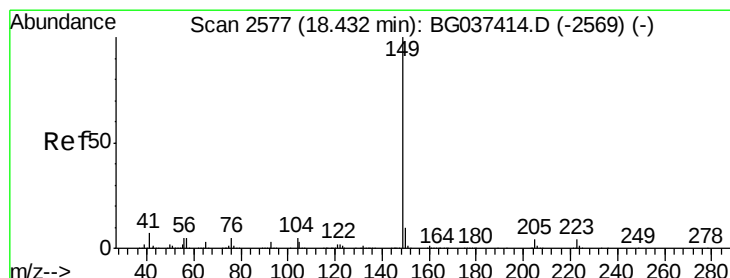
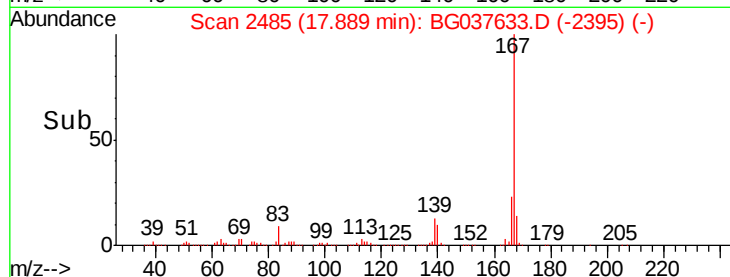
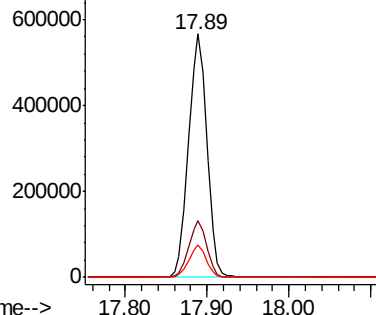
#73
 Carbazole
 Concen: 40.455 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

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

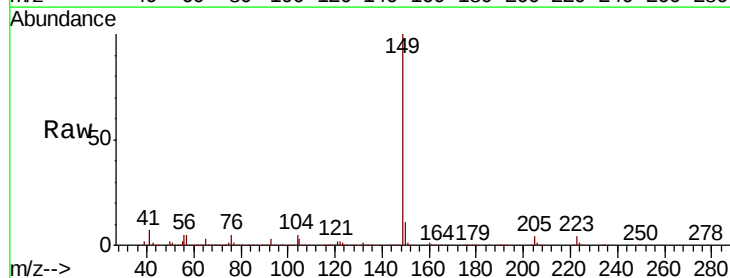


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

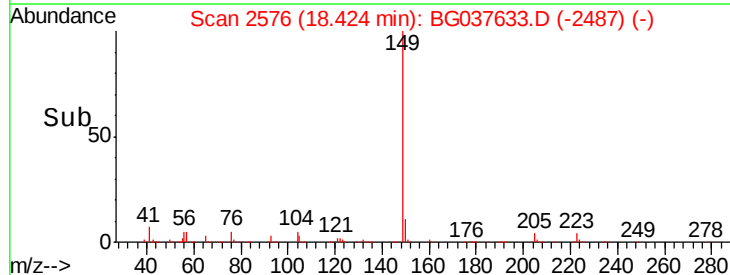
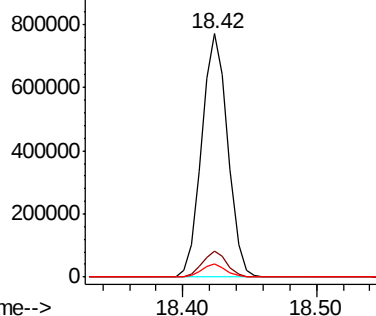


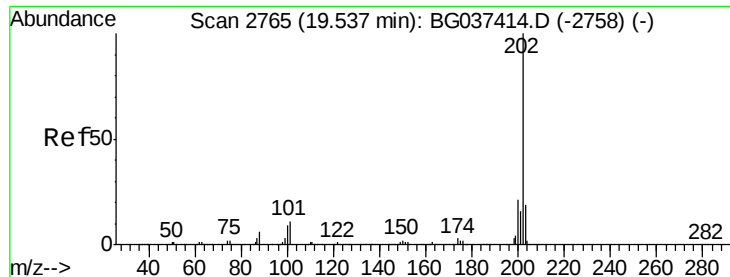
#74
 Di-n-butylphthalate
 Concen: 42.687 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

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 :

DL-08AMS

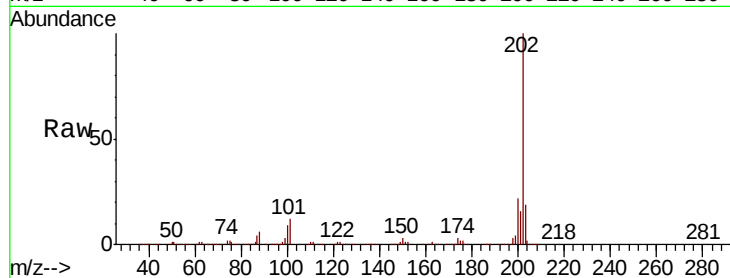
Tot Ion:202 Resp: 1089050

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.7

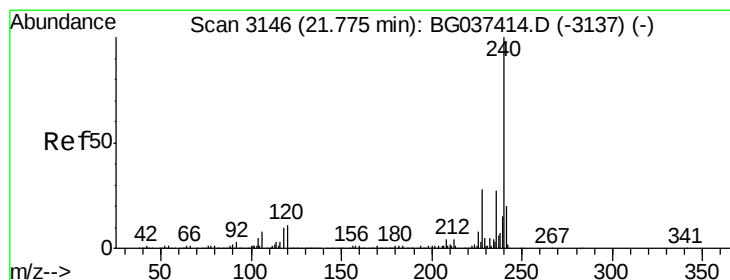
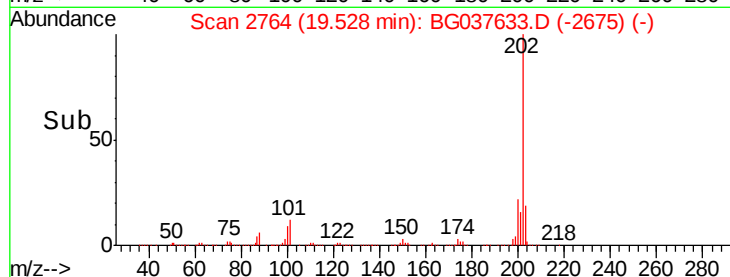
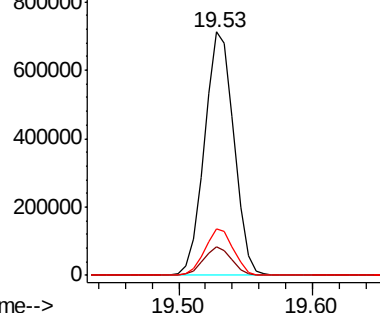
203 18.9 0.0 38.5



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

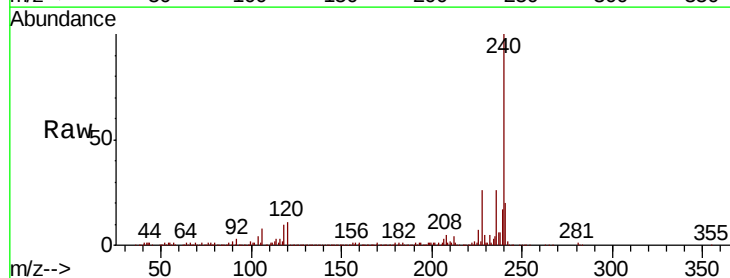
Tgt Ion:240 Resp: 376528

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

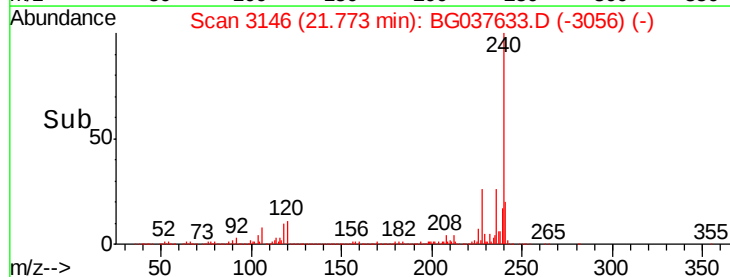
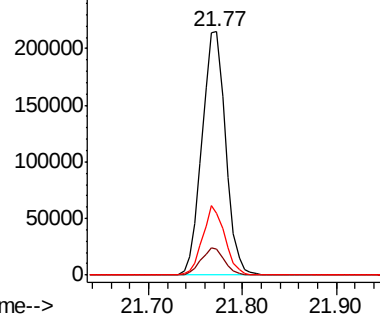
236 25.6 21.4 32.0



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

ClientSampleId :

DL-08AMS

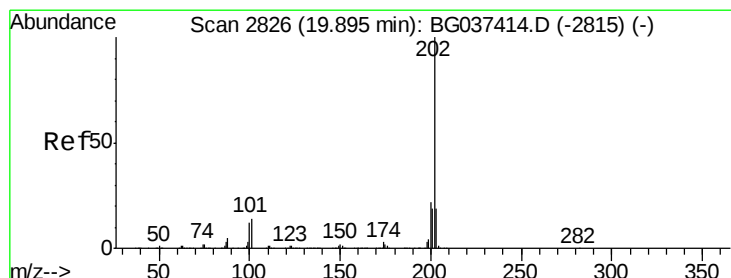
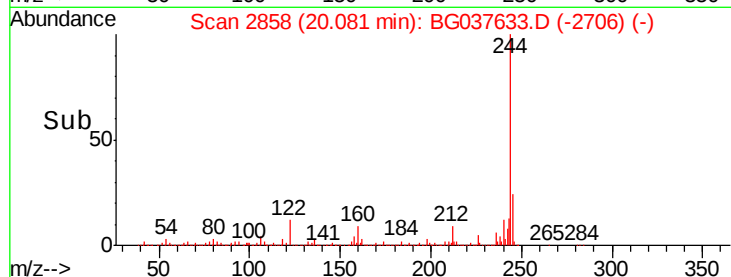
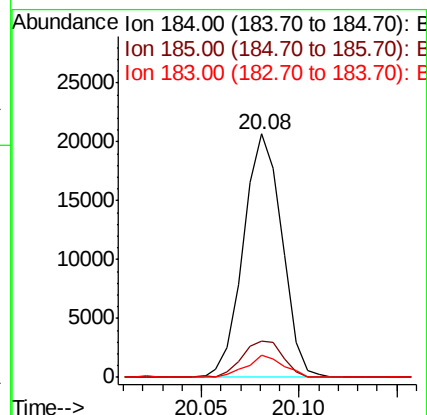
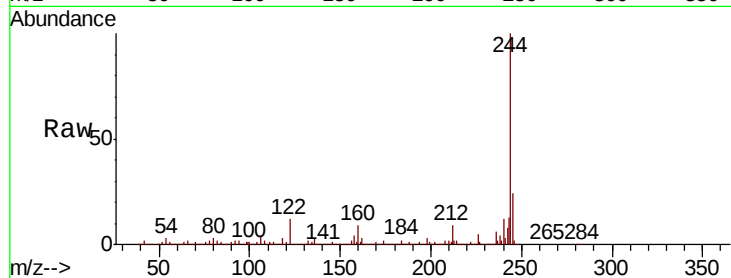
Tot Ion:184 Resp: 28234

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

183 9.2 10.2 15.2#



#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

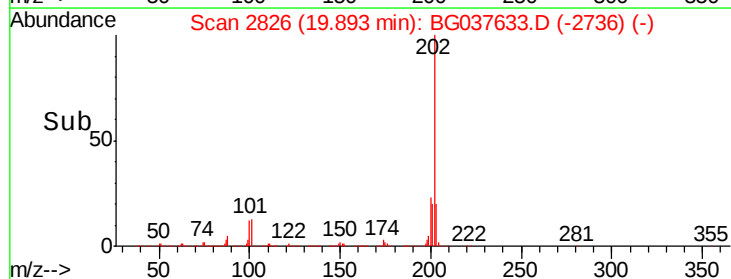
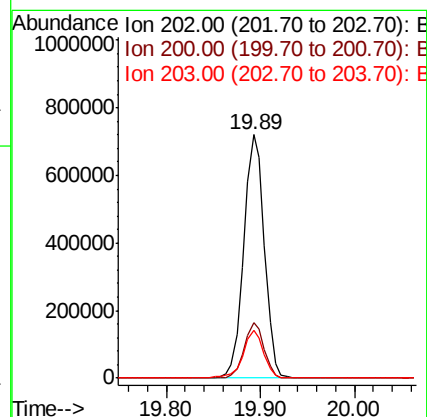
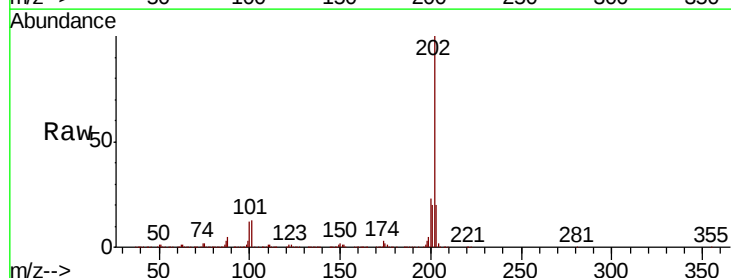
Tgt Ion:202 Resp: 1090731

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.6

203 19.7 15.2 22.8





#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 :

DL-08AMS

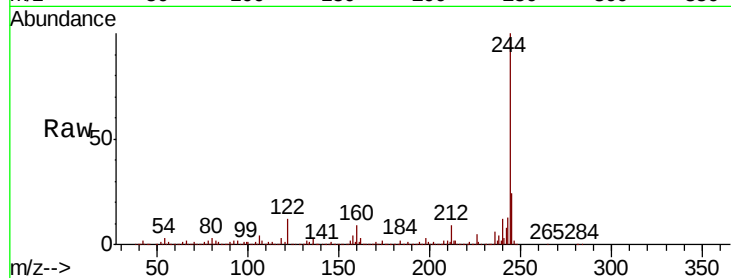
Tot Ion:244 Resp: 1605782

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

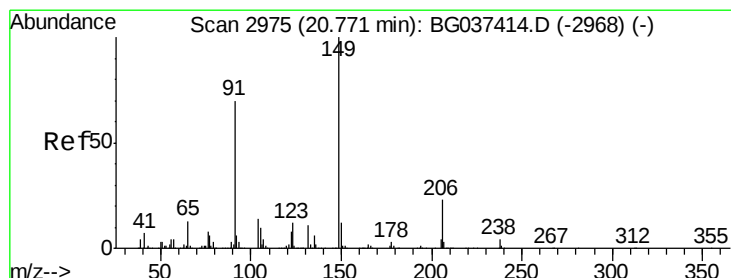
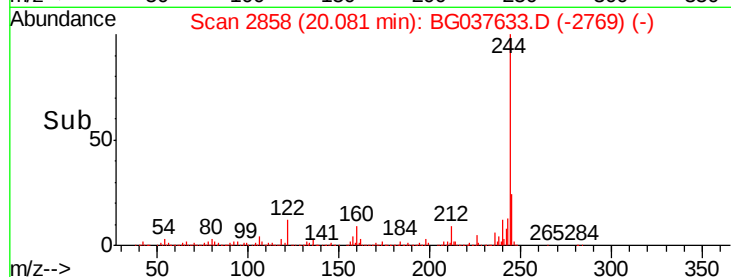
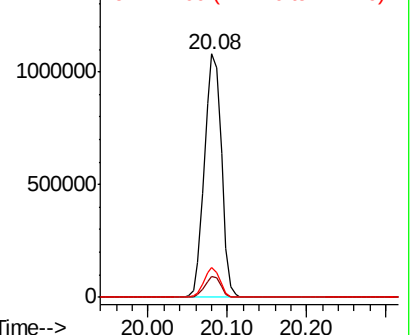
122 12.1 9.0 13.4



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

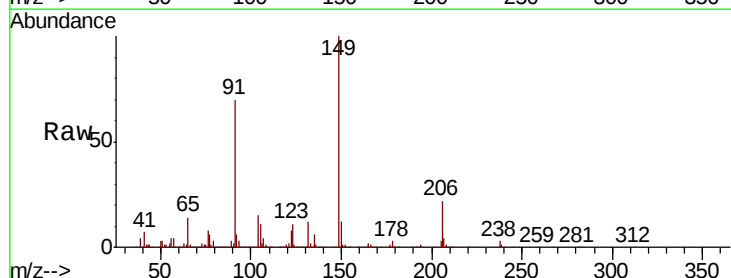
Tgt Ion:149 Resp: 474622

Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.4

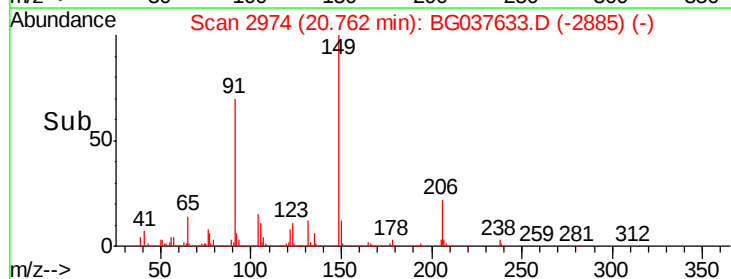
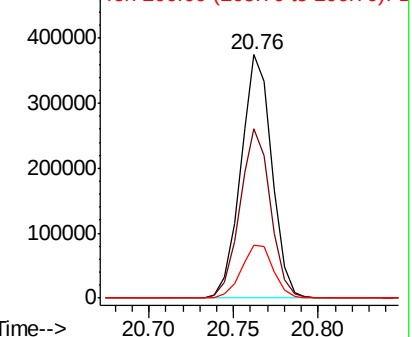
206 21.9 17.8 26.6

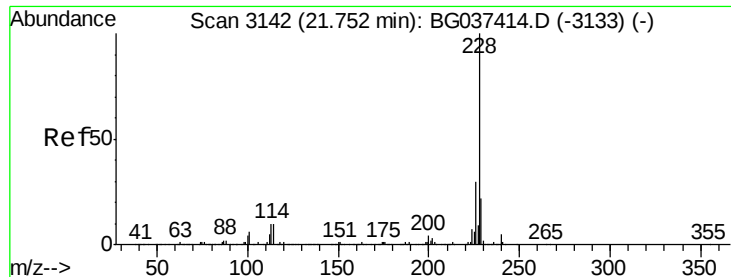


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

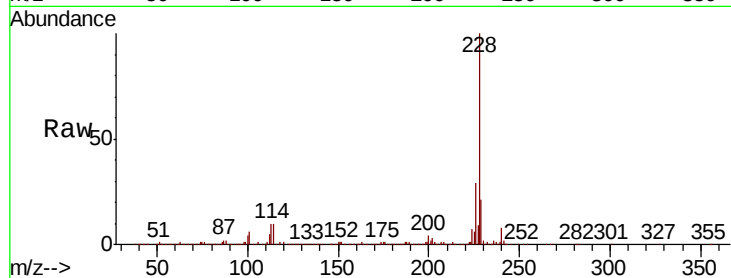




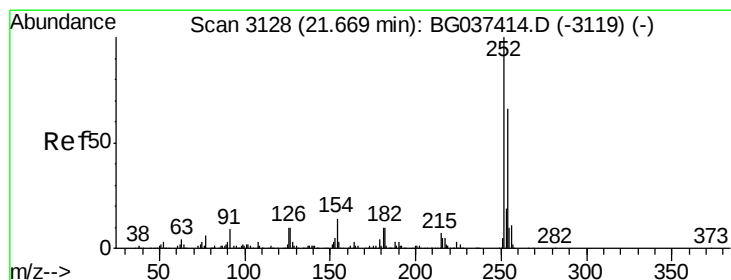
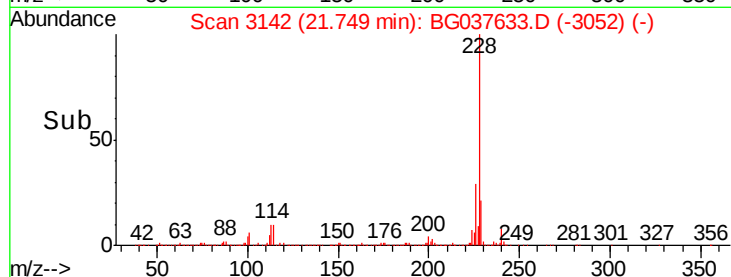
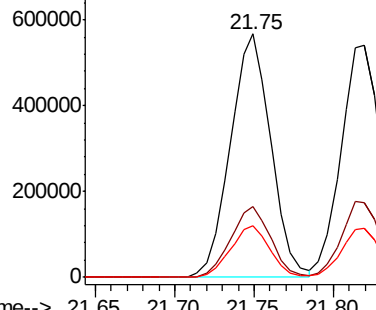
#81
Benzo(a)anthracene
Concen: 44.993 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

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

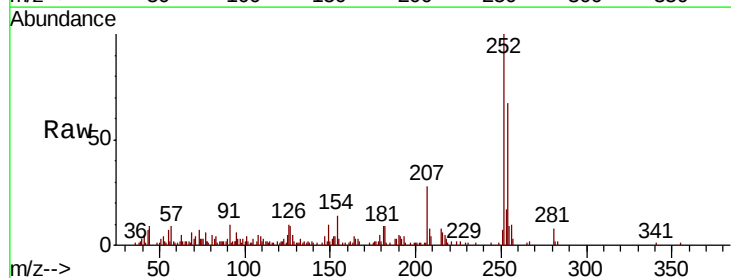


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

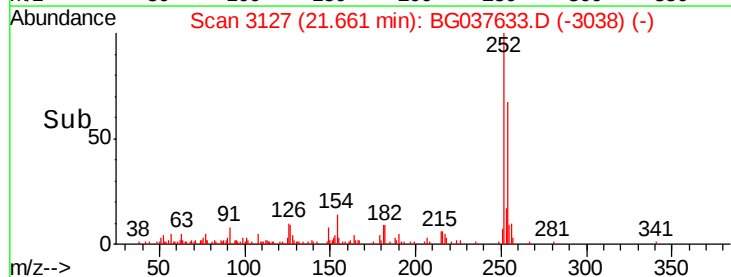
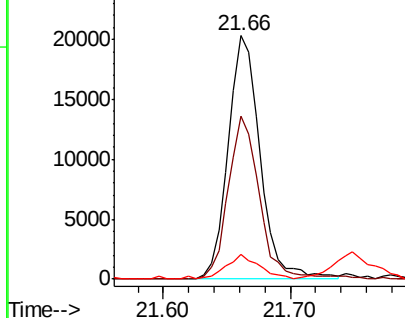


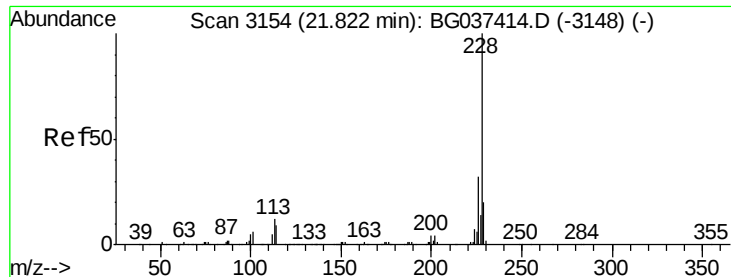
#82
3,3'-Dichlorobenzidine
Concen: 4.096 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

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

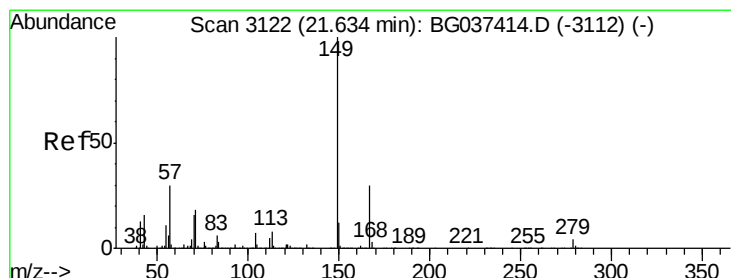
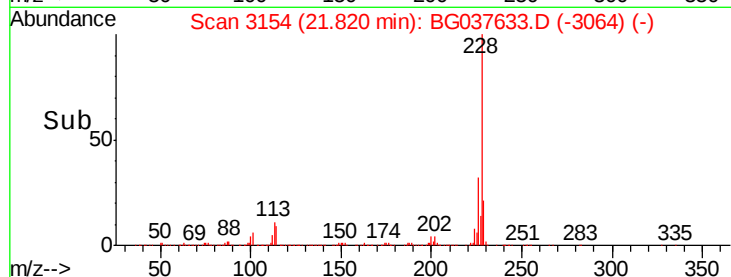
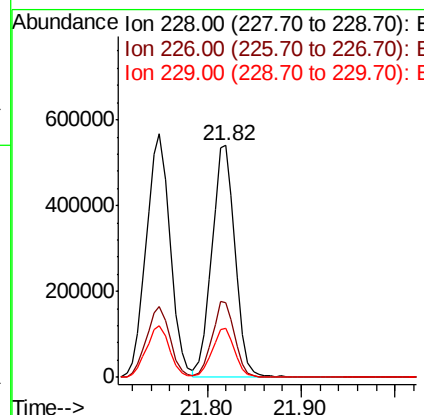
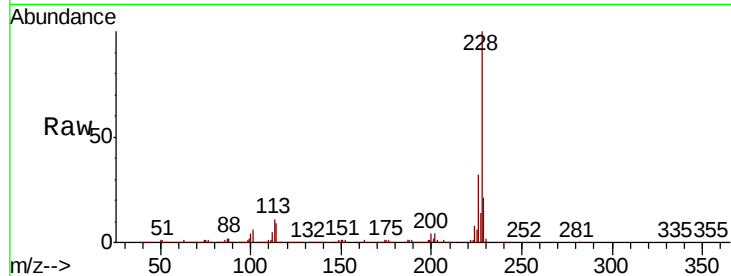




#83
 Chrysene
 Concen: 43.544 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037633.D
 Acq: 29 Oct 2018 21:45

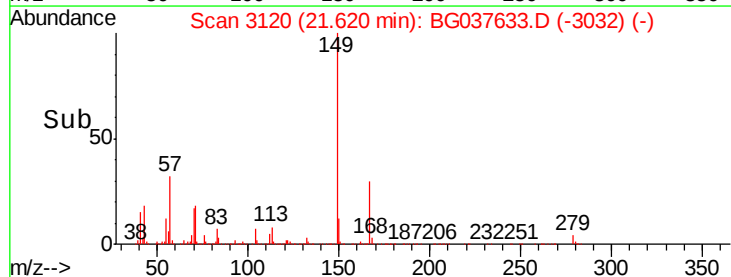
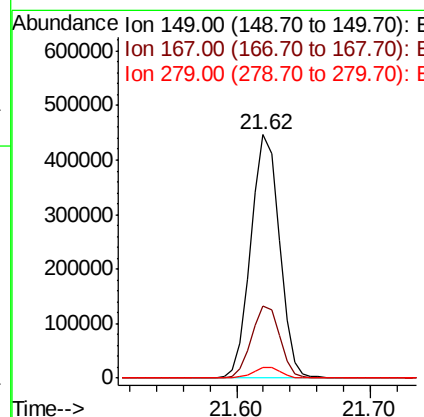
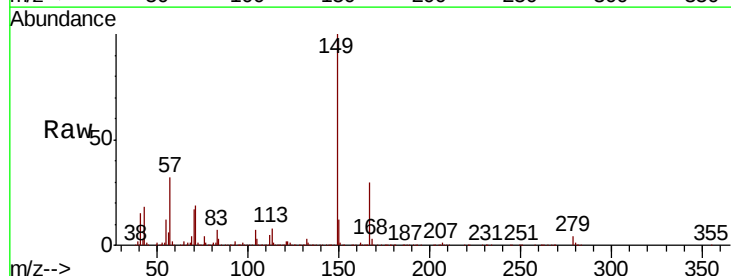
Instrument :
 BNA_G
 ClientSampleId :
 DL-08AMS

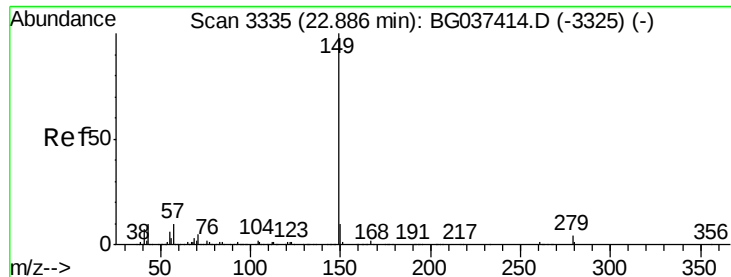
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.7	38.5
229	21.4	16.5	24.7



#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





#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 :

DL-08AMS

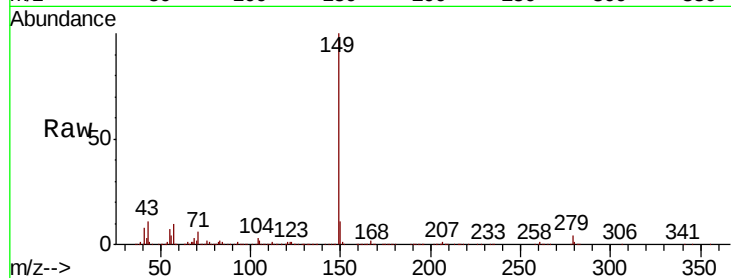
Tot Ion:149 Resp: 1118400

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

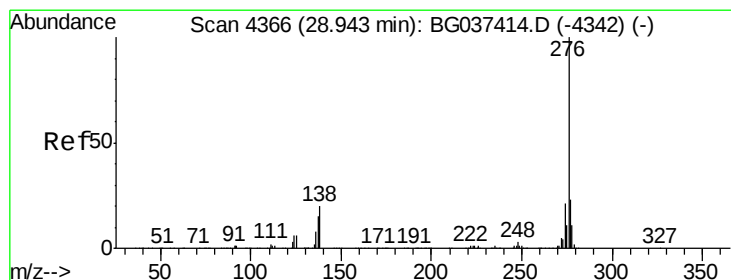
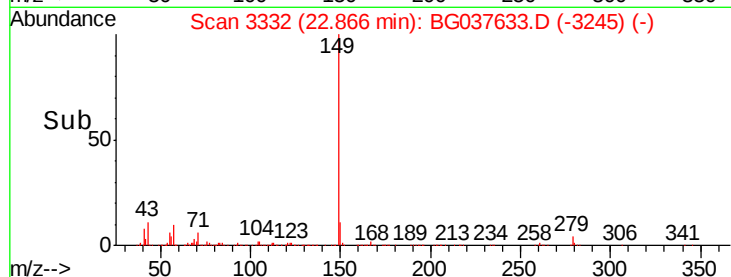
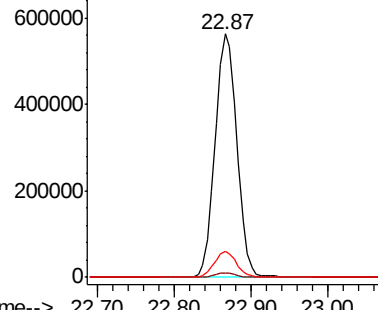
43 10.3 8.7 13.1



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

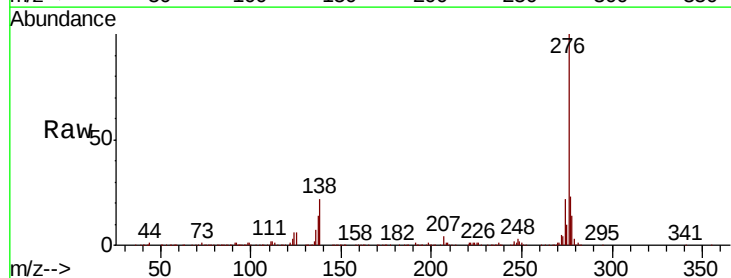
Tgt Ion:276 Resp: 1048761

Ion Ratio Lower Upper

276 100

138 18.1 12.0 18.0#

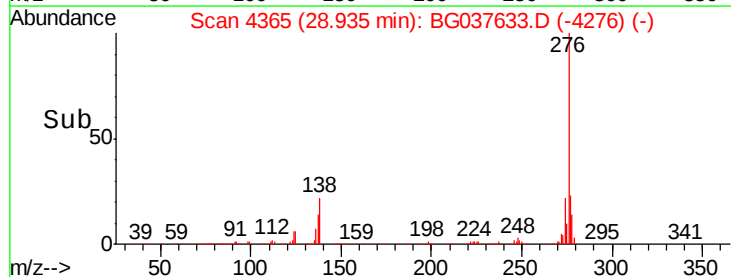
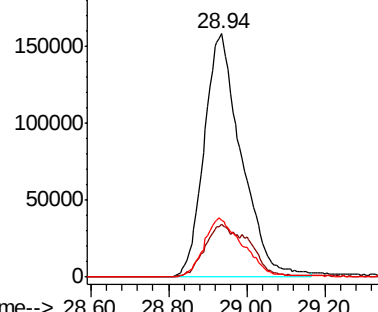
277 25.6 20.6 30.8

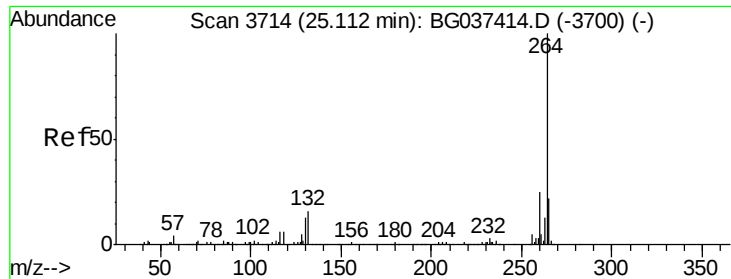


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



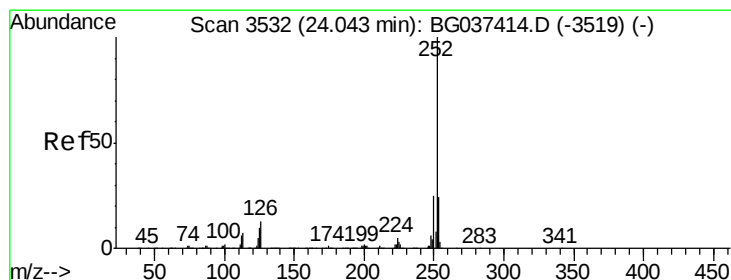
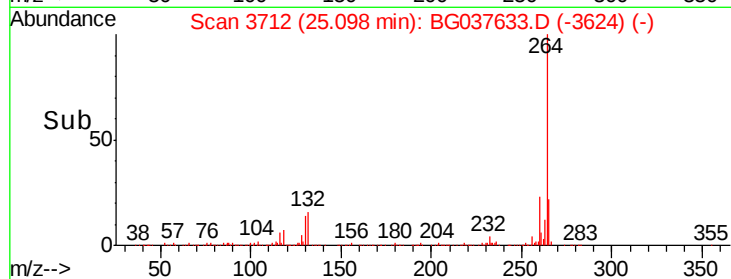
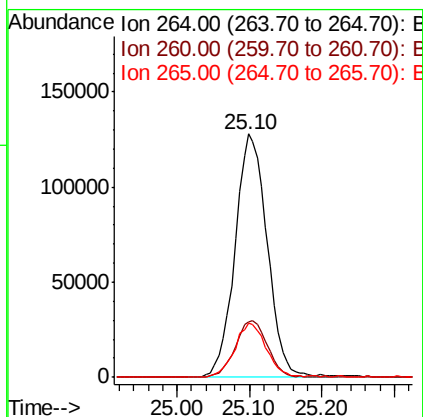
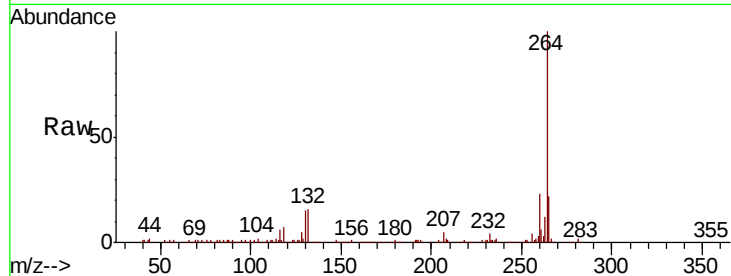


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

Tot Ion:264 Resp: 394662

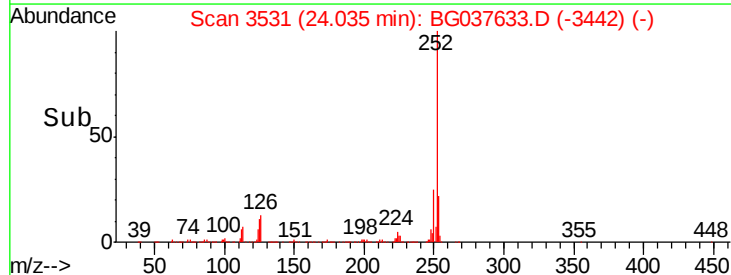
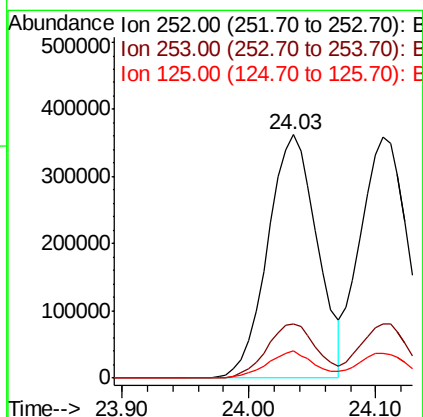
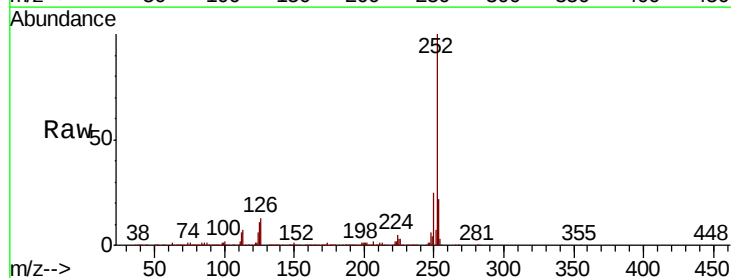
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	22.2	17.9	26.9

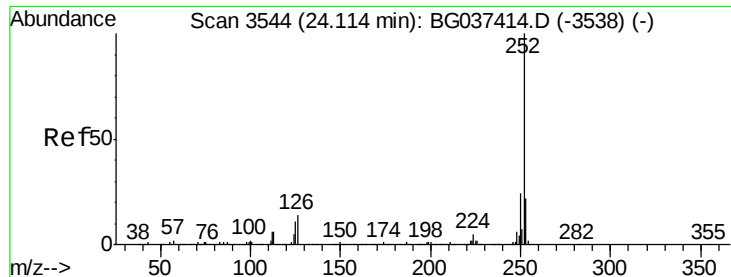


#88
Benzo(b)fluoranthene
Concen: 45.355 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

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

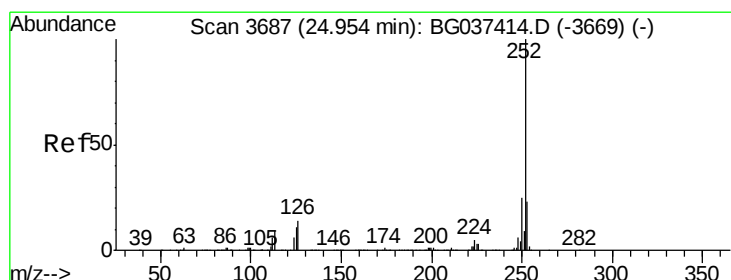
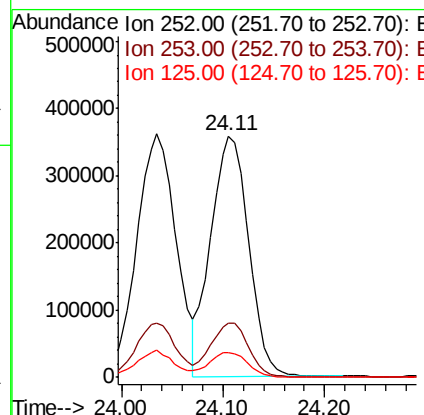
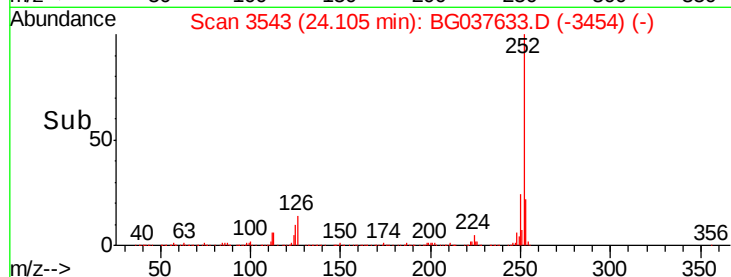
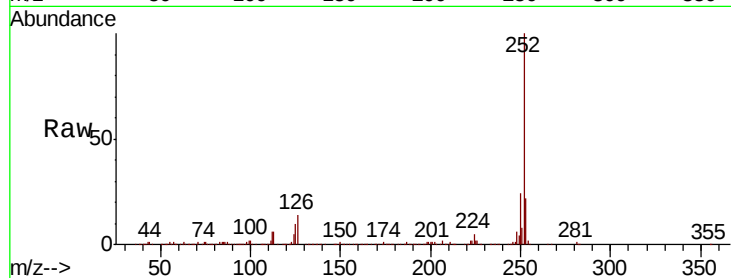




#89
Benzo(k)fluoranthene
Concen: 43.886 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

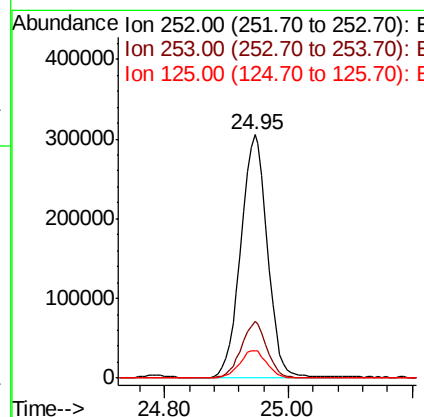
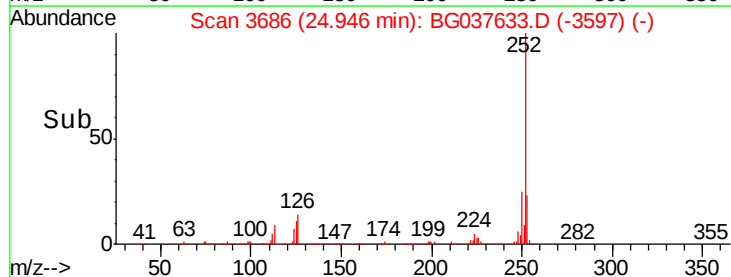
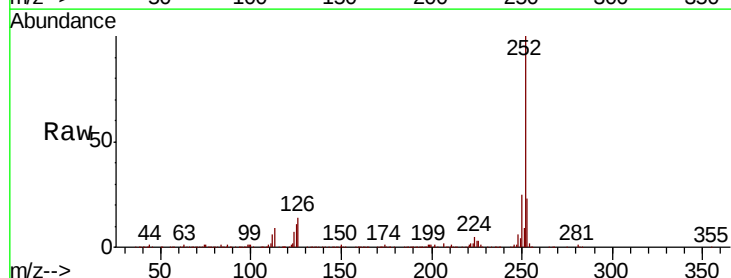
Instrument :
BNA_G
ClientSampleId :
DL-08AMS

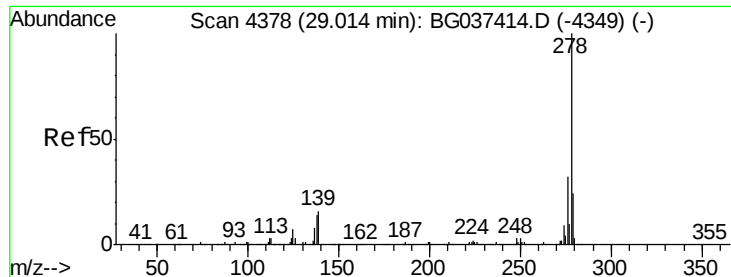
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.5	7.4	11.0



#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	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	11.4	9.0	13.6

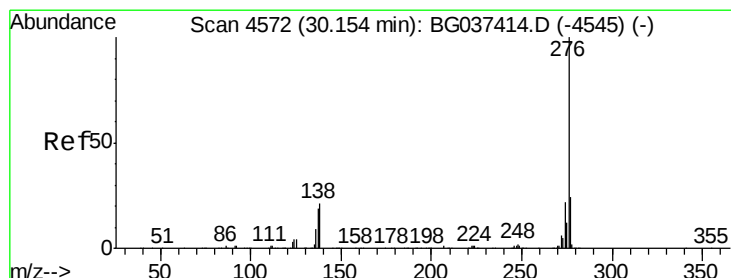
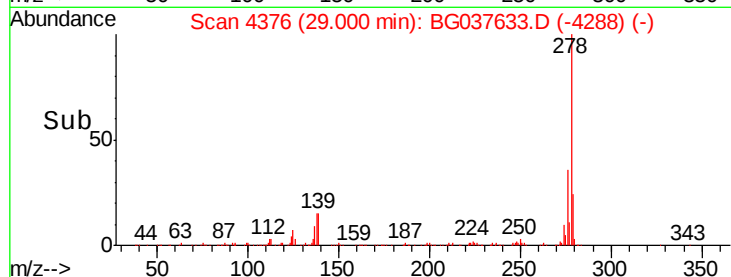
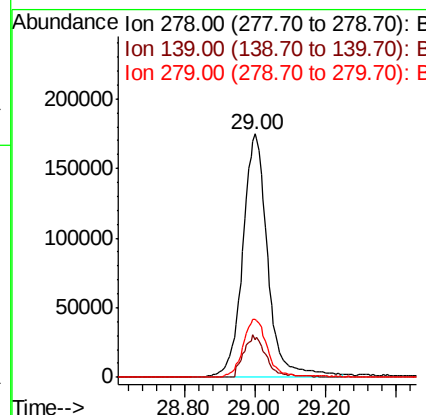
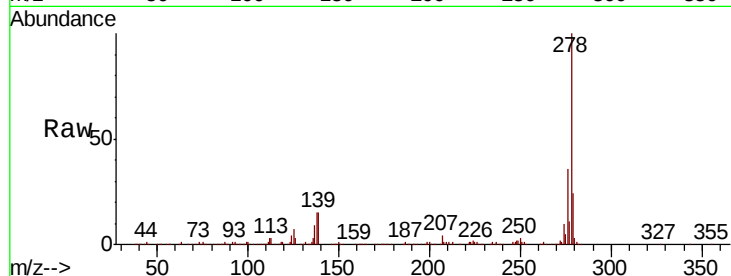




#91
Dibenzo(a,h)anthracene
Concen: 45.552 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037633.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

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



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

