

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037634.D
 Acq On : 29 Oct 2018 22:24
 Operator : JU/SJ
 Sample : J5665-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 04:49:09 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	54219	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	245996	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	165088	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	383243	20.00	ng	0.00
76) Chrysene-d12	21.77	240	331509	20.00	ng	0.00
87) Perylene-d12	25.10	264	345599	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	454750	140.22	ng	0.00
7) Phenol-d6	7.25	99	679556	138.57	ng	0.00
23) Nitrobenzene-d5	9.28	82	400414	91.18	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	245198	136.18	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	935437	85.44	ng	0.00
79) Terphenyl-d14	20.08	244	1314976	84.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	42595	25.899	ng	96
3) Pyridine	3.99	79	115	0.028	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	65526	44.380	ng	93
6) Aniline	7.52	93	157734	26.366	ng	# 52
8) 2-Chlorophenol	7.66	128	169079	44.566	ng	99
9) Benzaldehyde	7.24	77	100800	32.860	ng	97
10) Phenol	7.28	94	276562	53.451	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	157734	40.138	ng	98
12) 1,3-Dichlorobenzene	7.99	146	161820	38.313	ng	97
13) 1,4-Dichlorobenzene	8.13	146	164975	38.186	ng	99
14) 1,2-Dichlorobenzene	8.46	146	160771	38.685	ng	97
15) Benzyl Alcohol	8.34	79	158139	43.643	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	289302	41.144	ng	96
17) 2-Methylphenol	8.53	107	154830	45.263	ng	99
18) Hexachloroethane	9.19	117	57068	38.746	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	134561	39.848	ng	95
20) 3+4-Methylphenols	8.86	107	216695	44.308	ng	99
22) Acetophenone	8.93	105	255200	41.365	ng	# 99
24) Nitrobenzene	9.32	77	198320	43.473	ng	94
25) Isophorone	9.84	82	391440	48.786	ng	95
26) 2-Nitrophenol	10.03	139	98238	47.802	ng	99
27) 2,4-Dimethylphenol	10.07	122	154651	42.147	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	235944	44.882	ng	98
29) 2,4-Dichlorophenol	10.56	162	188279	46.085	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	180528	40.634	ng	97
31) Naphthalene	10.97	128	546829	45.257	ng	99
32) Benzoic acid	10.13	122	10741	4.507	ng	97
33) 4-Chloroaniline	11.08	127	14453	2.546	ng	95
34) Hexachlorobutadiene	11.24	225	103763	39.406	ng	98
35) Caprolactam	11.87	113	15820	9.655	ng	98
36) 4-Chloro-3-methylphenol	12.18	107	215651	46.805	ng	98
37) 2-Methylnaphthalene	12.57	142	418167	47.477	ng	99
38) 1-Methylnaphthalene	12.79	142	399389	46.692	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	212769	39.957	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	256634	100.894	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	164745	46.309	ng	97
44) 2,4,5-Trichlorophenol	13.23	196	180593	46.625	ng	99
46) 1,1'-Biphenyl	13.57	154	539811	39.483	ng	98
47) 2-Chloronaphthalene	13.62	162	429144	41.489	ng	99
48) 2-Nitroaniline	13.83	65	146642	46.750	ng	95
49) Acenaphthylene	14.46	152	710609	45.670	ng	99
50) Dimethylphthalate	14.19	163	716694	56.117	ng	99
51) 2,6-Dinitrotoluene	14.32	165	128120	45.347	ng	97
52) Acenaphthene	14.80	154	418125	43.634	ng	99
53) 3-Nitroaniline	14.65	138	88298	28.152	ng	# 96
54) 2,4-Dinitrophenol	14.85	184	81264	70.414	ng	97
55) Dibenzofuran	15.13	168	678590	42.741	ng	99
56) 4-Nitrophenol	14.94	139	294217	126.729	ng	99
57) 2,4-Dinitrotoluene	15.10	165	180968	48.796	ng	97
58) Fluorene	15.78	166	545013	45.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	156245	47.113	ng	99
60) Diethylphthalate	15.54	149	571342	43.574	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	285645	41.219	ng	99
62) 4-Nitroaniline	15.81	138	135677	43.533	ng	92
63) Azobenzene	16.06	77	544753	43.544	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	85888	43.645	ng	97
66) n-Nitrosodiphenylamine	15.98	169	257472	22.334	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	179039	42.541	ng	98
68) Hexachlorobenzene	16.77	284	182141	41.757	ng	96
69) Atrazine	16.92	200	61692	14.801	ng	98
70) Pentachlorophenol	17.12	266	211872	72.516	ng	96
71) Phenanthrene	17.52	178	883553	45.362	ng	99
72) Anthracene	17.62	178	894855	46.815	ng	98
73) Carbazole	17.89	167	812634	42.501	ng	100
74) Di-n-butylphthalate	18.42	149	963076	45.279	ng	100
75) Fluoranthene	19.53	202	999335	45.237	ng	99
77) Benzidine	20.08	184	21158	1.877	ng	# 94
78) Pyrene	19.89	202	1001847	46.229	ng	99
80) Butylbenzylphthalate	20.76	149	430219	48.507	ng	98
81) Benzo(a)anthracene	21.75	228	922881	47.065	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	21480	2.826	ng	99
83) Chrysene	21.82	228	854823	45.337	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	602920	48.497	ng	99
85) Di-n-octyl phthalate	22.86	149	1012257	49.933	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	935991	46.283	ng	98
88) Benzo(b)fluoranthene	24.03	252	892273	47.093	ng	100
89) Benzo(k)fluoranthene	24.10	252	862242	46.450	ng	97
90) Benzo(a)pyrene	24.94	252	817876	45.427	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	768036	46.247	ng	100
92) Benzo(g,h,i)perylene	30.13	276	767331	45.670	ng	98

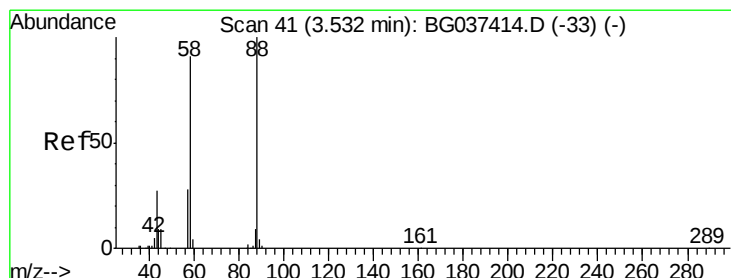
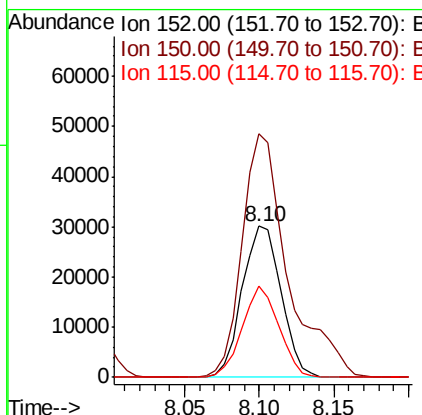
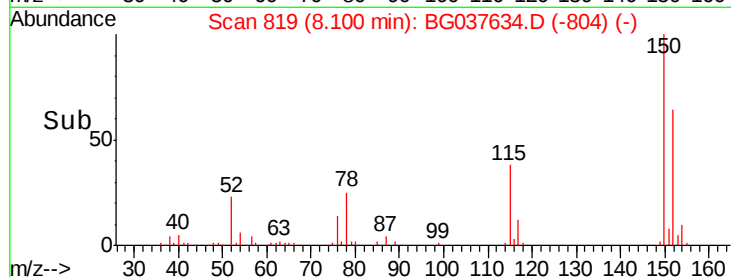
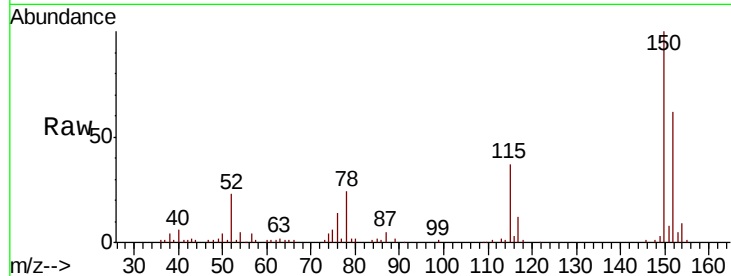
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

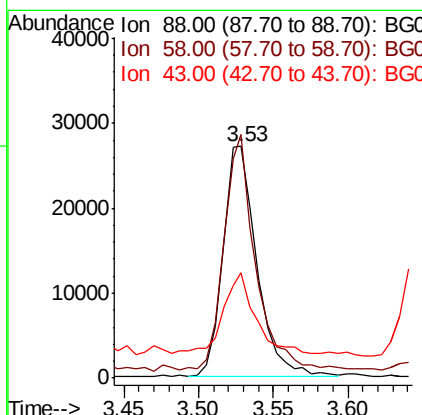
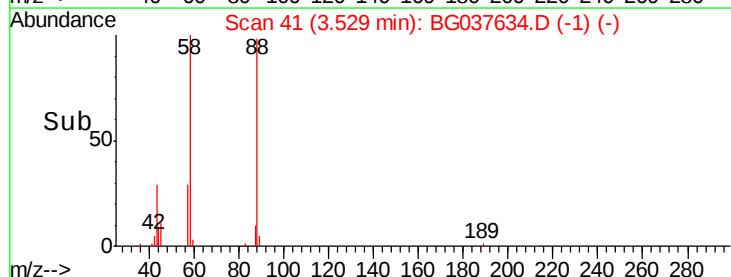
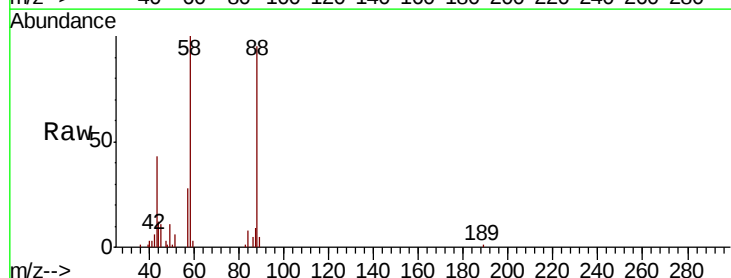
Instrument :
 BNA_G
 ClientSampleId :

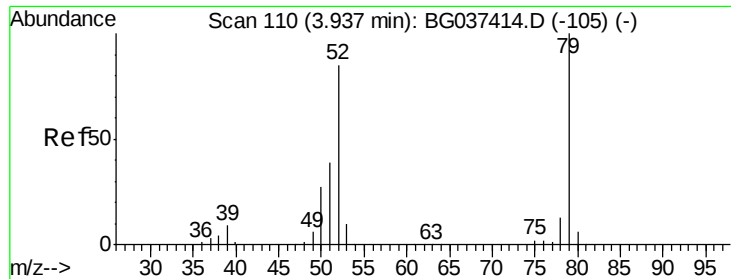
Tot Ion:152 Resp: 54219
 Ion Ratio Lower Upper
 152 100
 150 160.8 126.0 189.0
 115 59.9 45.5 68.3



#2
 1,4-Dioxane
 Concen: 25.899 ng
 RT: 3.53 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion: 88 Resp: 42595
 Ion Ratio Lower Upper
 88 100
 58 97.6 74.4 111.6
 43 32.7 25.8 38.8





#3

Pvridine

Concen: 0.028 ng

RT: 3.99 min Scan# 120

Delta R.T. 0.06 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampleId :

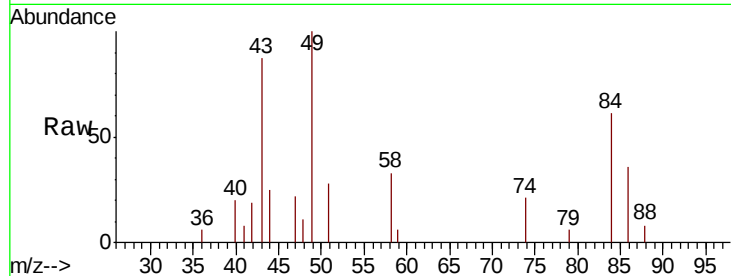
Tot Ion: 79 Resp: 115

Ion Ratio Lower Upper

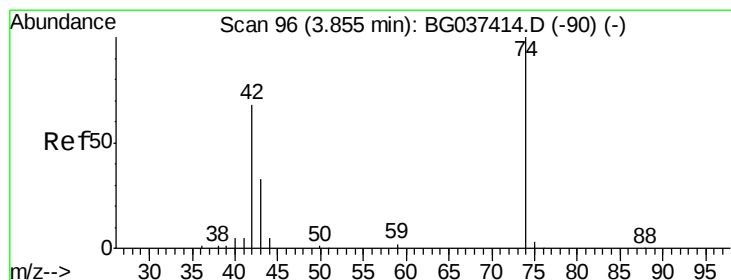
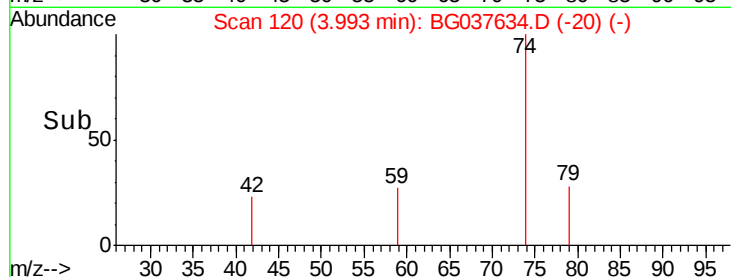
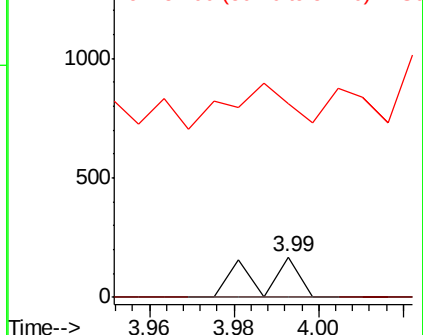
79 100

52 0.0 74.2 111.2#

51 479.9 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: 44.380 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

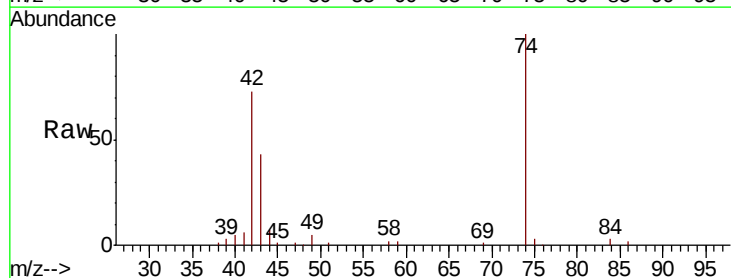
Tgt Ion: 42 Resp: 65526

Ion Ratio Lower Upper

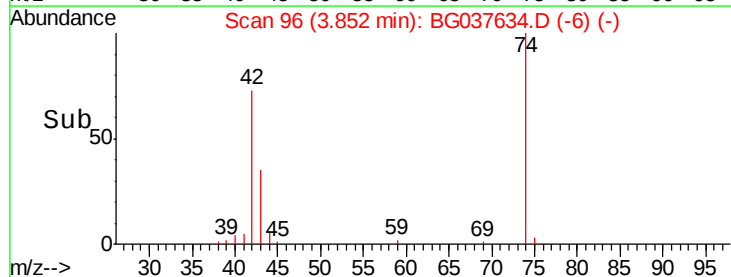
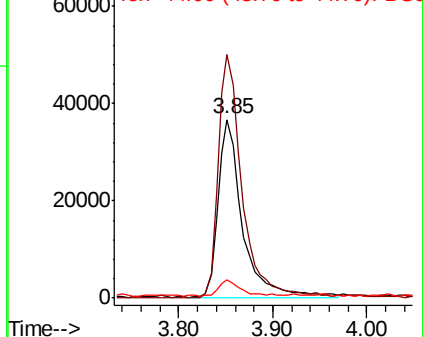
42 100

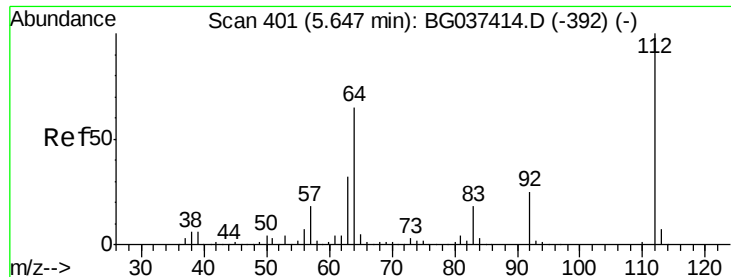
74 136.3 102.0 153.0

44 10.1 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: 140.223 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampled :

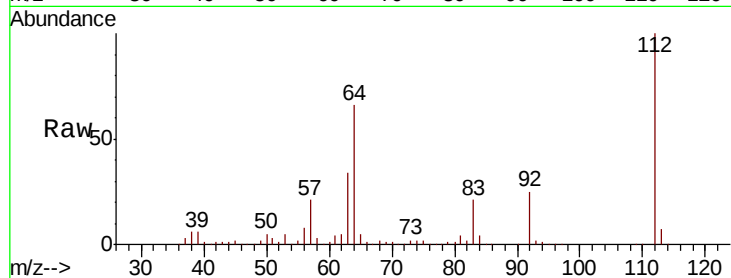
Tot Ion:112 Resp: 454750

Ion Ratio Lower Upper

112 100

64 66.4 53.1 79.7

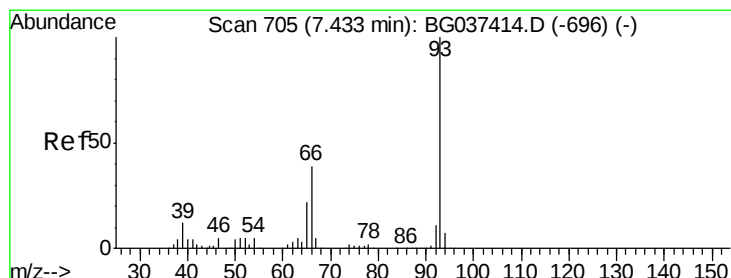
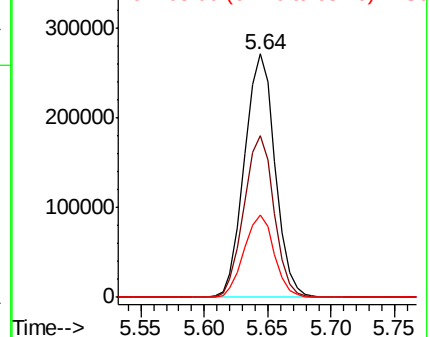
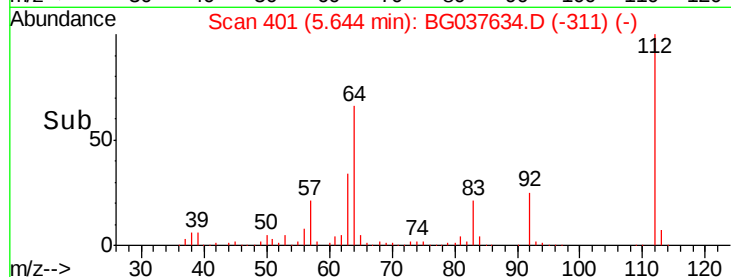
63 33.8 27.3 40.9



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: 26.366 ng

RT: 7.52 min Scan# 720

Delta R.T. 0.08 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

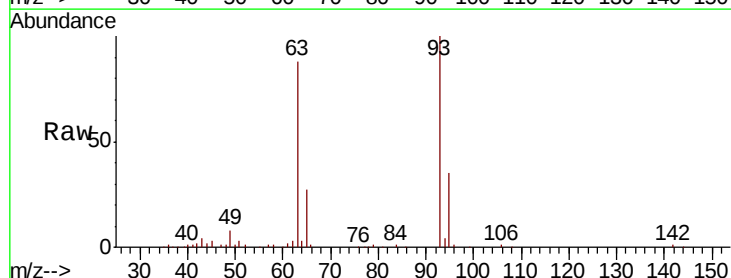
Tgt Ion: 93 Resp: 157734

Ion Ratio Lower Upper

93 100

66 0.8 32.8 49.2#

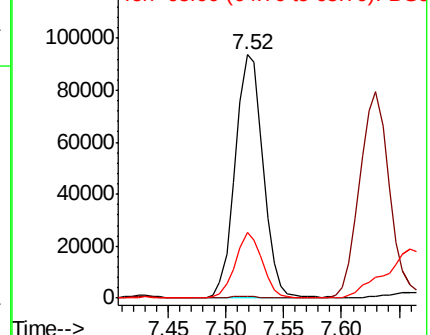
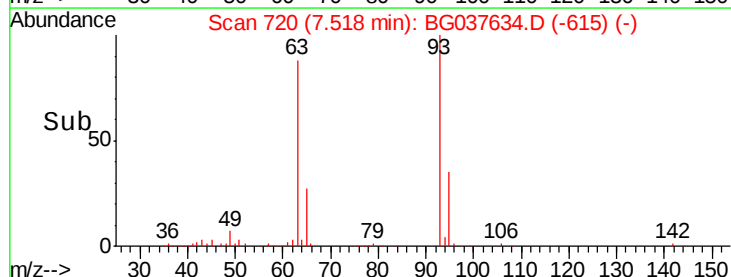
65 27.1 16.4 24.6#

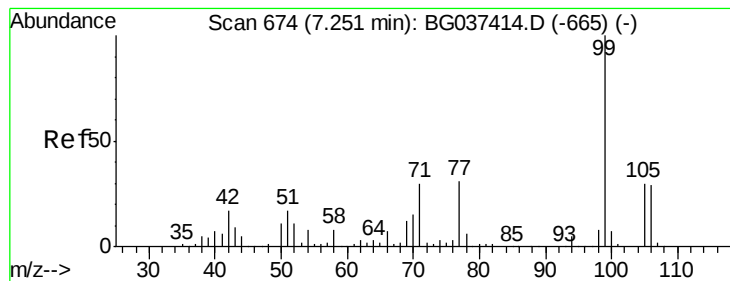


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.575 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampled :

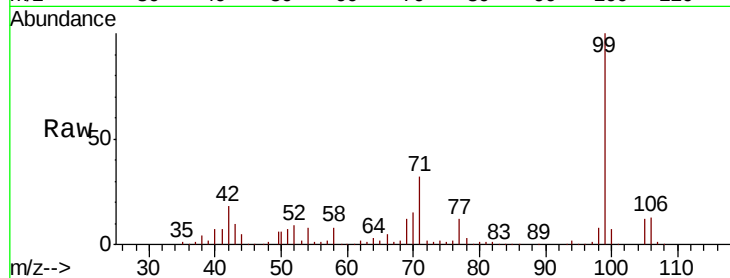
Tot Ion: 99 Resp: 679556

Ion Ratio Lower Upper

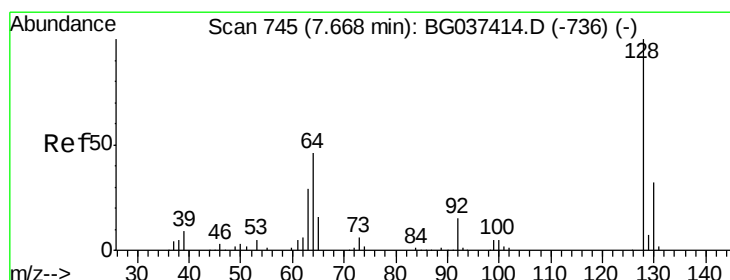
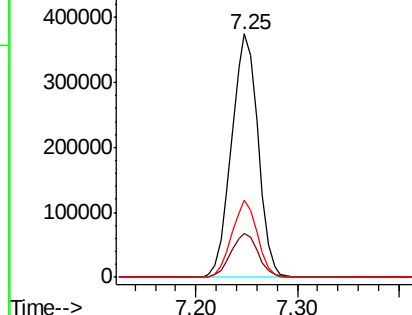
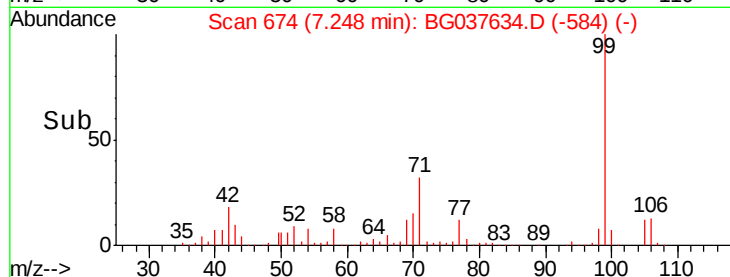
99 100

42 18.1 15.0 22.4

71 31.9 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: 44.566 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

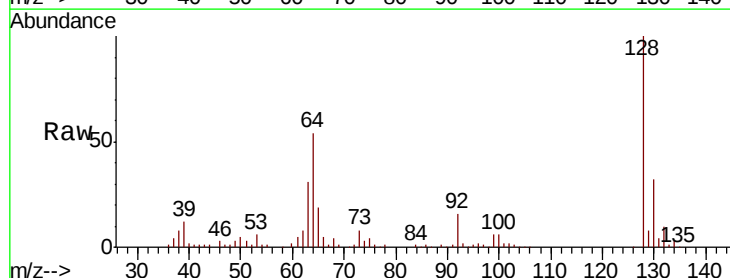
Tgt Ion: 128 Resp: 169079

Ion Ratio Lower Upper

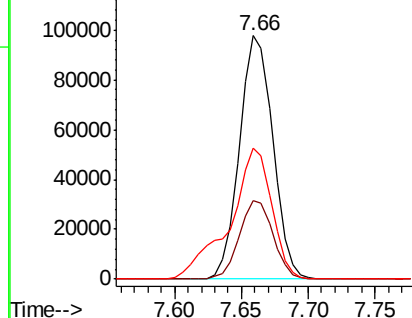
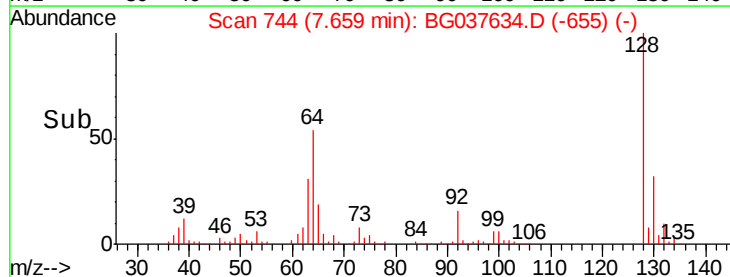
128 100

130 32.0 12.0 52.0

64 53.8 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: 32.860 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampleId :

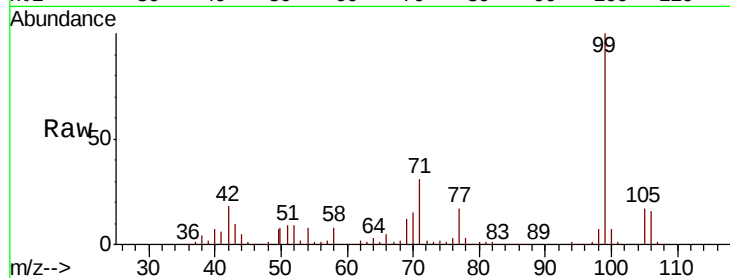
Tot Ion: 77 Resp: 100800

Ion Ratio Lower Upper

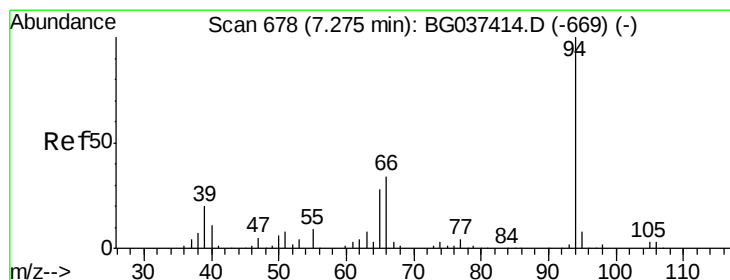
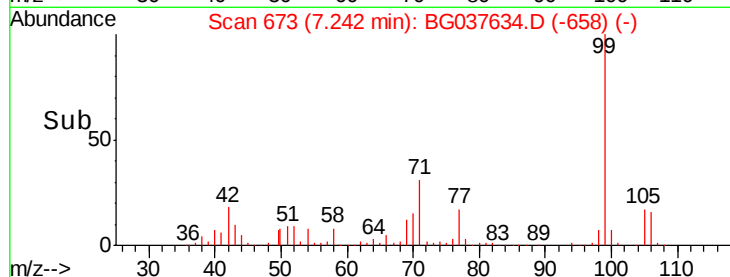
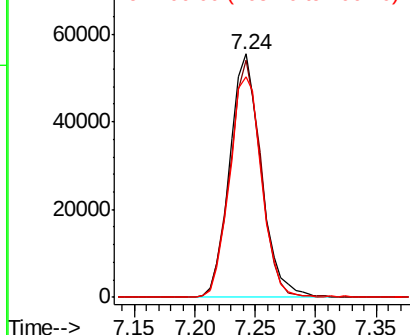
77 100

105 97.4 72.6 112.6

106 90.8 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: 53.451 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

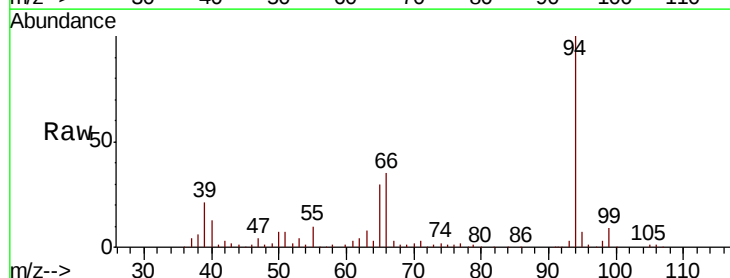
Tgt Ion: 94 Resp: 276562

Ion Ratio Lower Upper

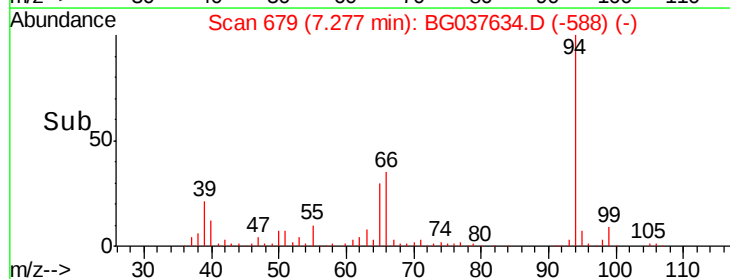
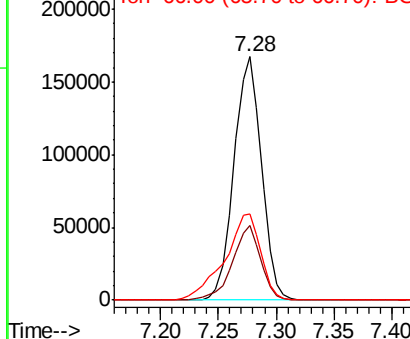
94 100

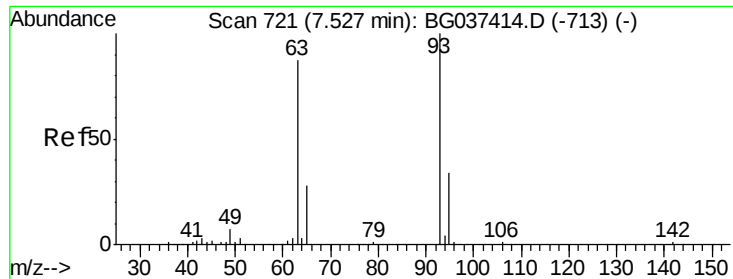
65 30.4 9.7 49.7

66 35.3 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



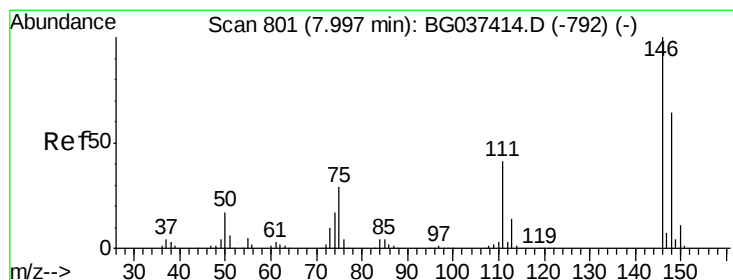
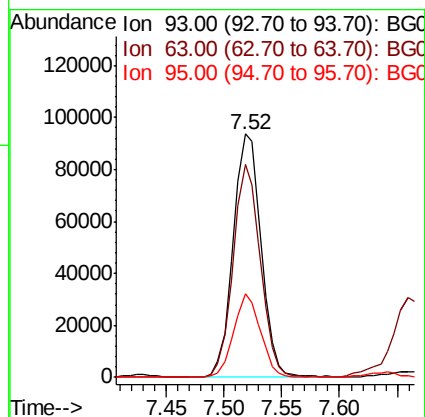
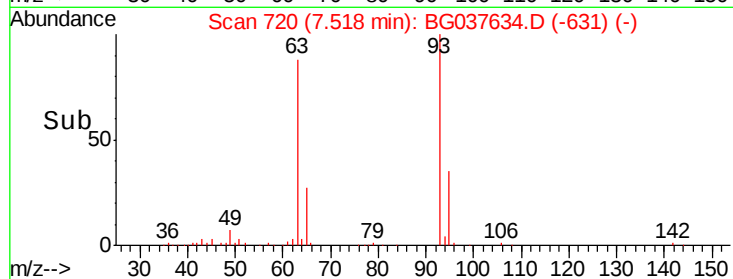
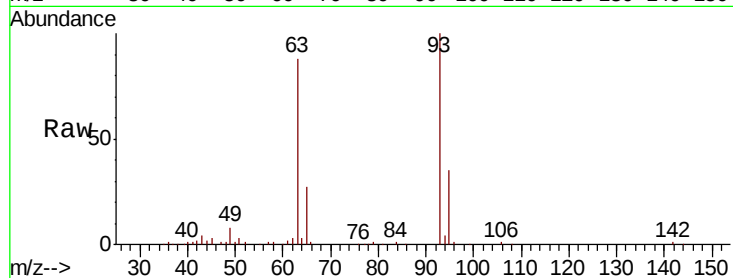


#11
 bis(2-Chloroethyl)ether
 Concen: 40.138 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 157734

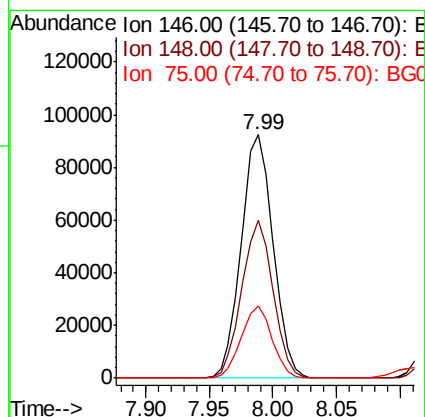
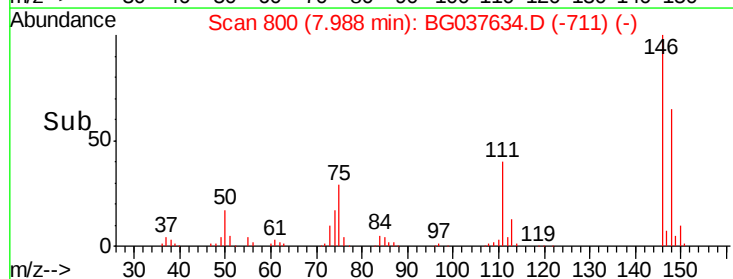
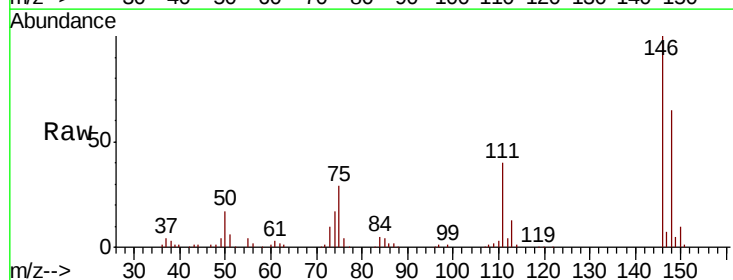
Ion	Ratio	Lower	Upper
93	100		
63	87.7	69.5	109.5
95	34.5	12.6	52.6

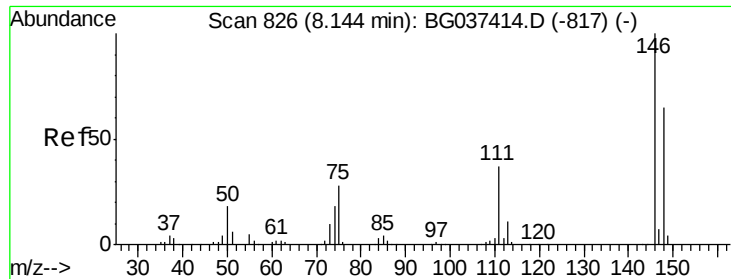


#12
 1,3-Dichlorobenzene
 Concen: 38.313 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion: 146 Resp: 161820

Ion	Ratio	Lower	Upper
146	100		
148	65.1	49.8	74.8
75	29.4	23.2	34.8

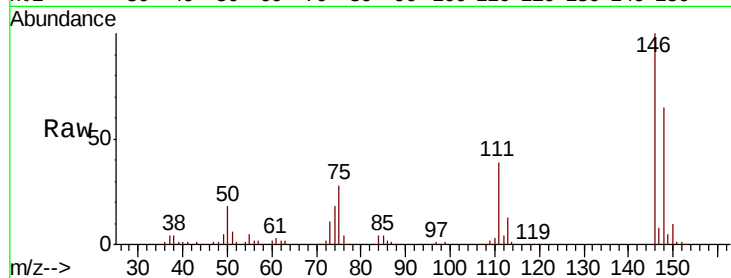




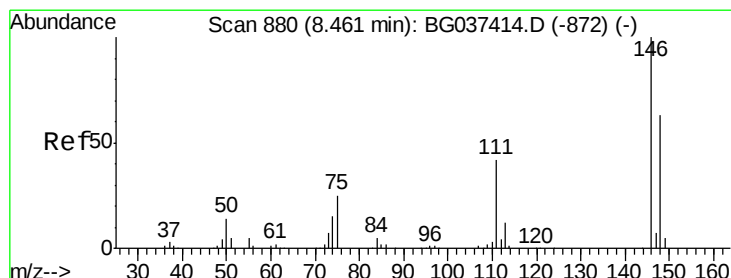
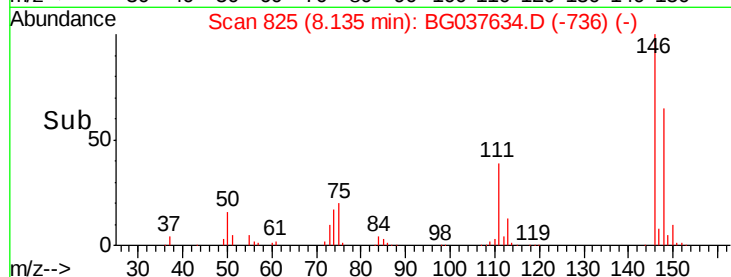
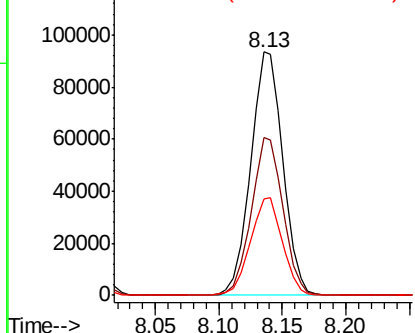
#13
 1,4-Dichlorobenzene
 Concen: 38.186 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 164975
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 39.5 32.4 48.6

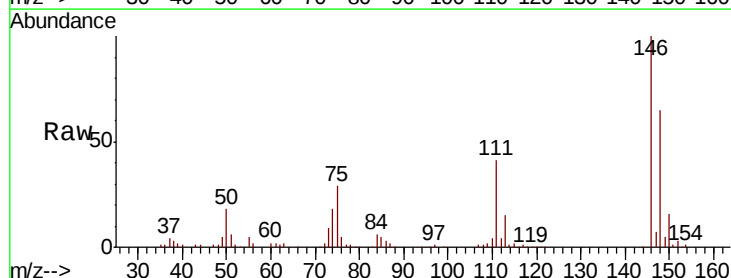


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

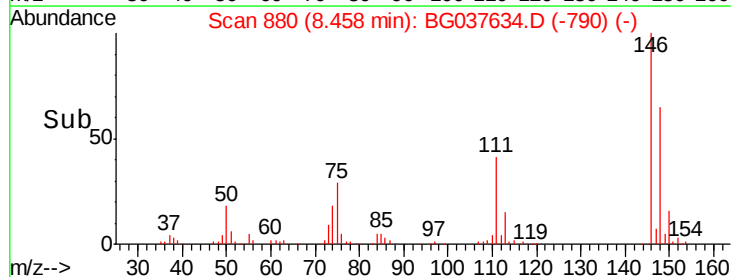
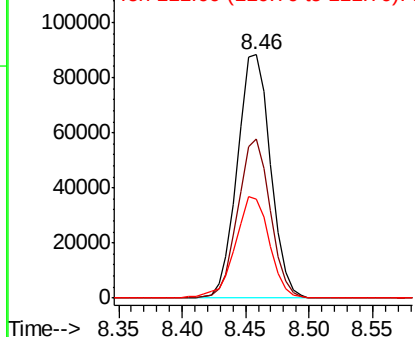


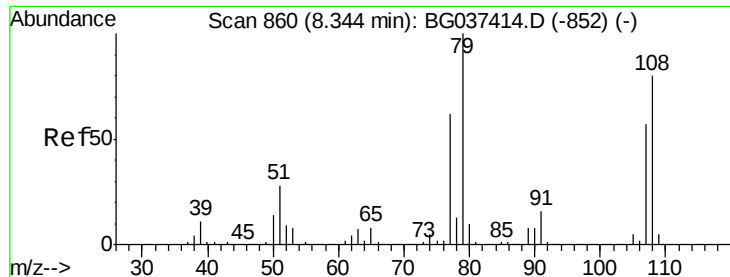
#14
 1,2-Dichlorobenzene
 Concen: 38.685 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion:146 Resp: 160771
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.4 75.6
 111 40.8 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: 43.643 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampleId :

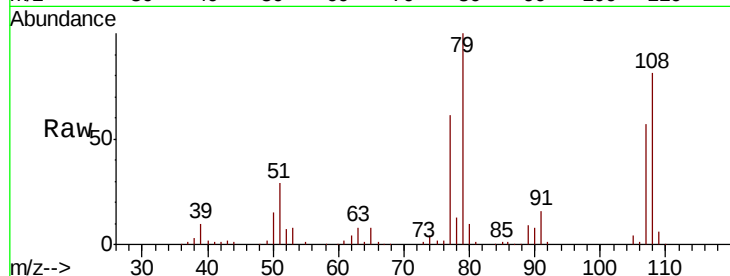
Tot Ion: 79 Resp: 158139

Ion Ratio Lower Upper

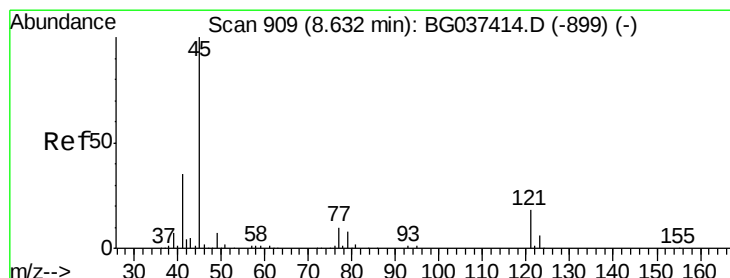
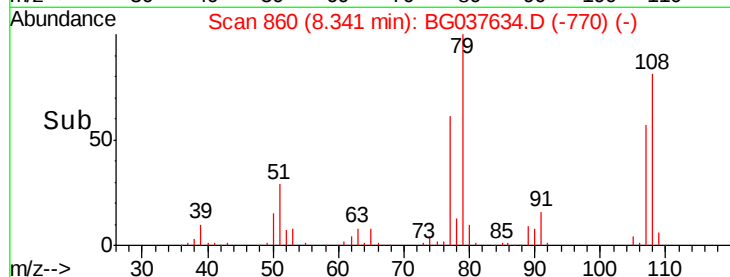
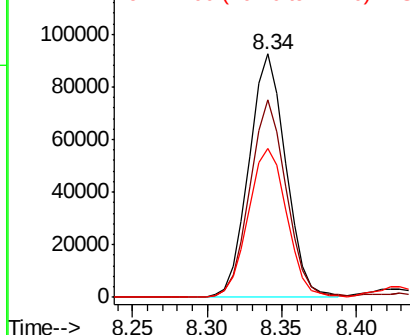
79 100

108 80.9 65.8 98.8

77 61.0 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: 41.144 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

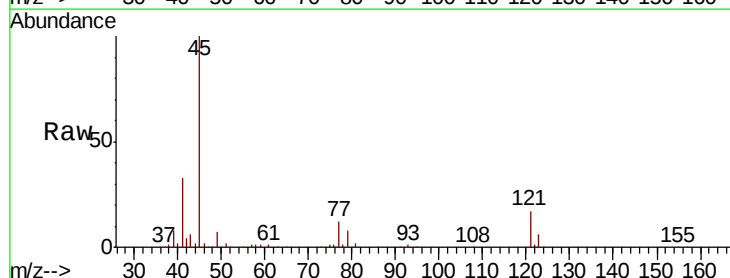
Tgt Ion: 45 Resp: 289302

Ion Ratio Lower Upper

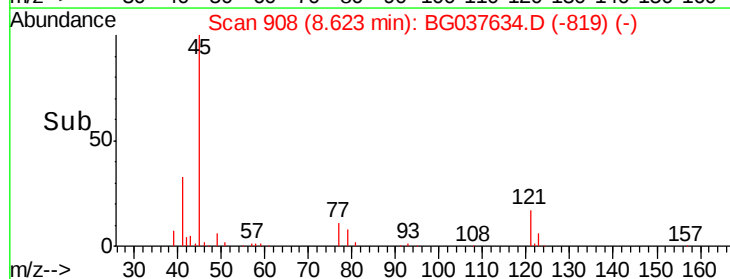
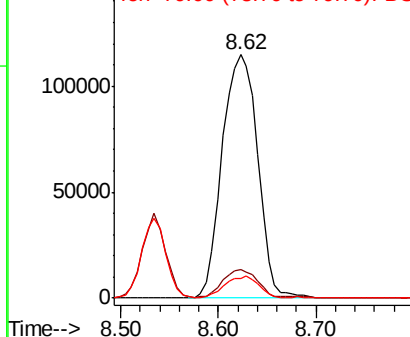
45 100

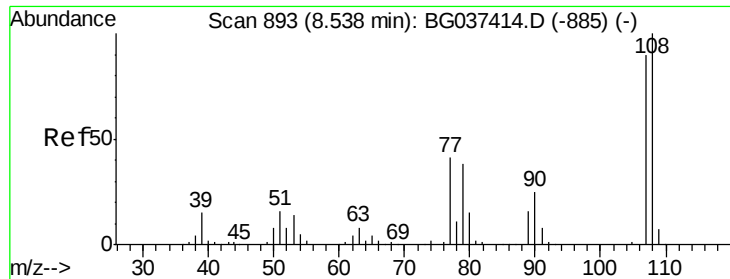
77 11.8 0.0 30.0

79 8.3 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

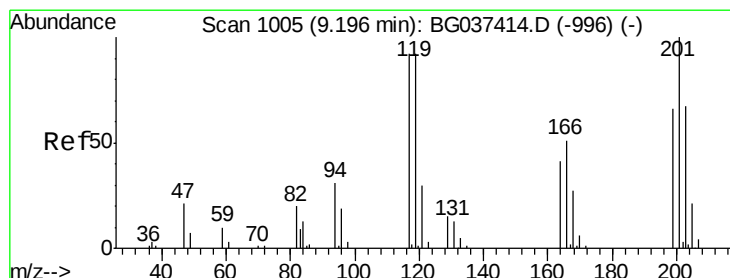
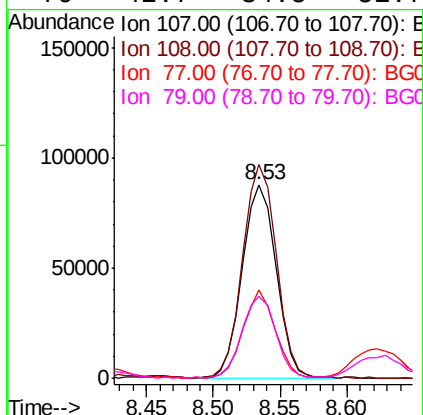
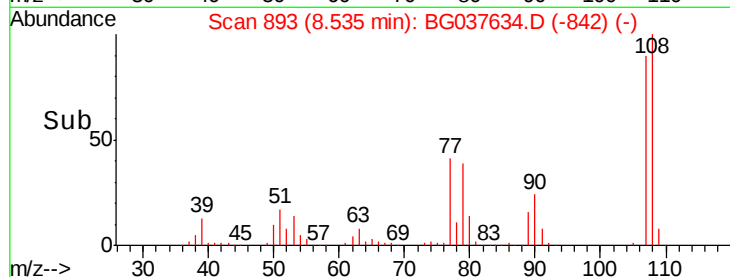
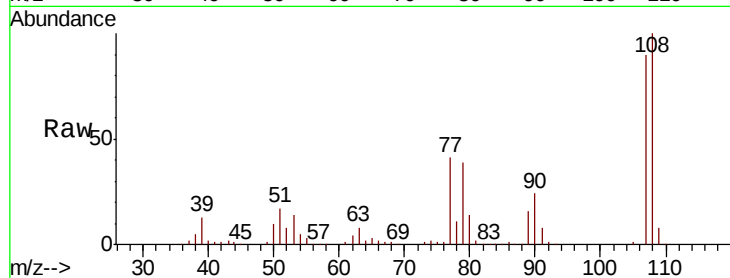




#17
2-Methylphenol
Concen: 45.263 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

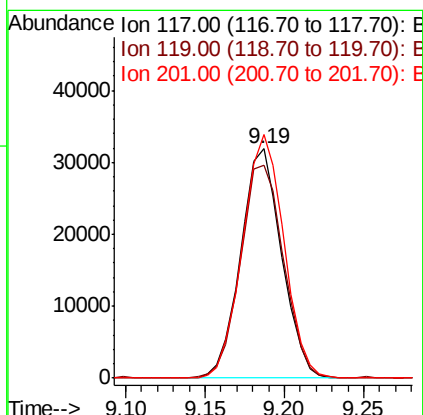
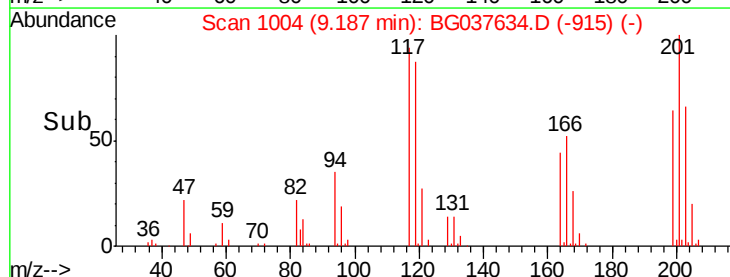
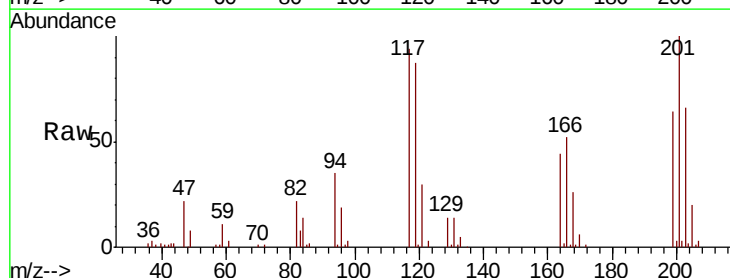
Instrument :
BNA_G
ClientSampleId :

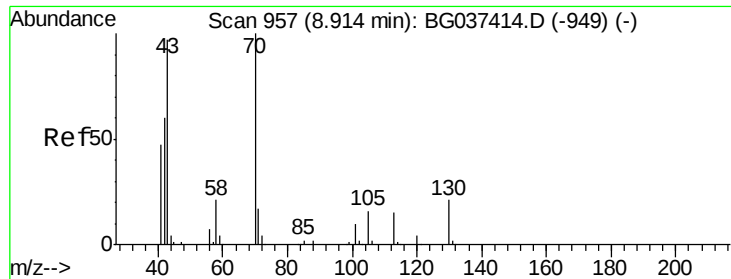
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.9	131.9
77	45.6	35.1	52.7
79	42.7	34.5	51.7



#18
Hexachloroethane
Concen: 38.746 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.6	111.8
201	109.3	80.8	121.2

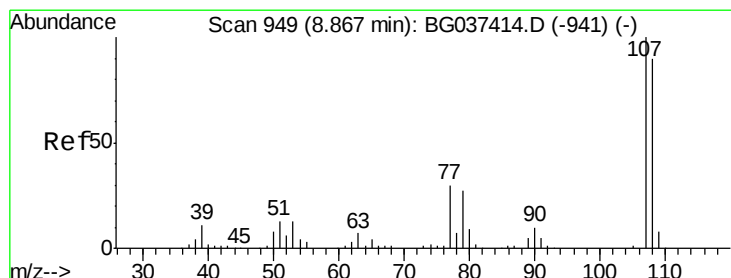
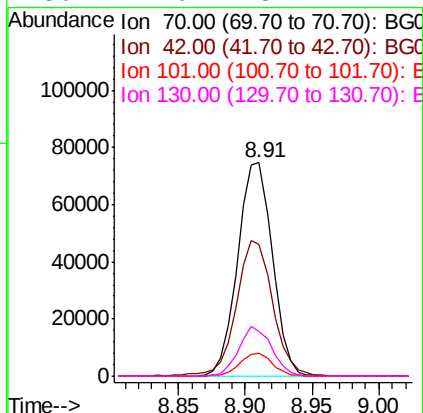
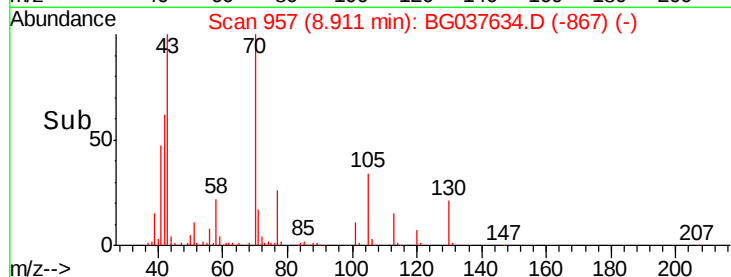
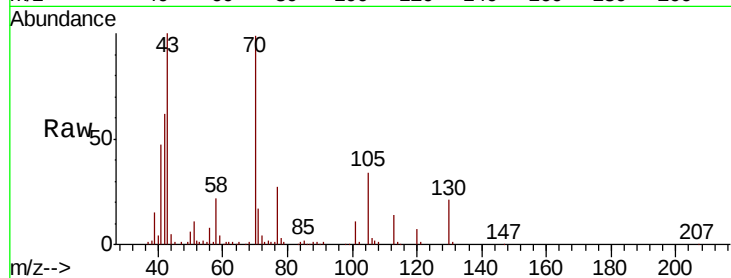




#19
n-Nitroso-di-n-propylamine
Concen: 39.848 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

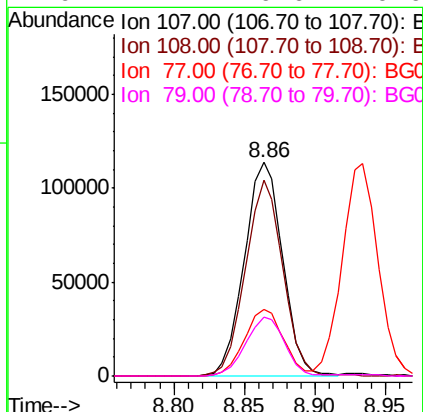
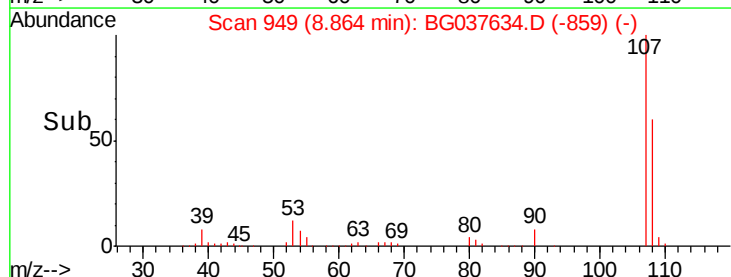
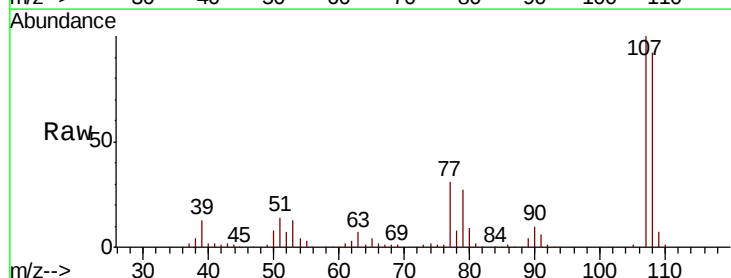
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 134561
Ion Ratio Lower Upper
70 100
42 62.0 53.9 80.9
101 10.8 8.2 12.2
130 21.0 18.2 27.4



#20
3+4-Methylphenols
Concen: 44.308 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion: 107 Resp: 216695
Ion Ratio Lower Upper
107 100
108 91.7 69.9 109.9
77 31.2 11.2 51.2
79 27.4 6.6 46.6

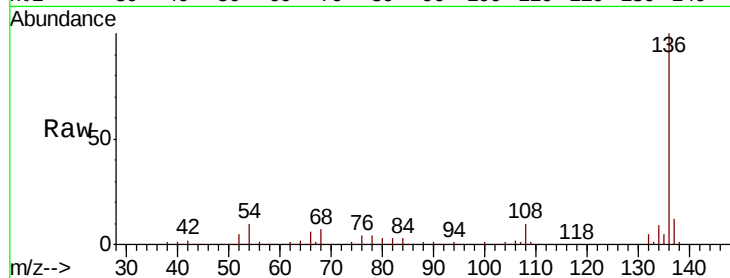




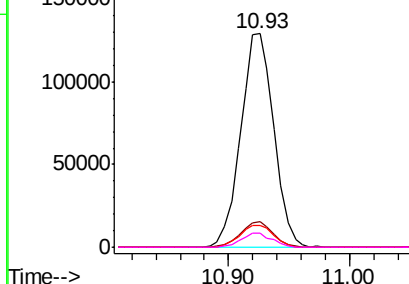
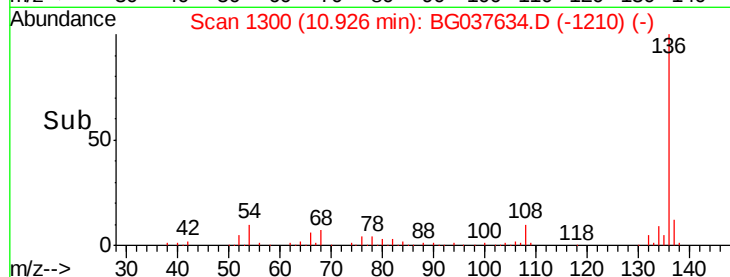
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	245996
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.6 14.4
54	10.5	7.9 11.9
68	6.7	4.8 7.2

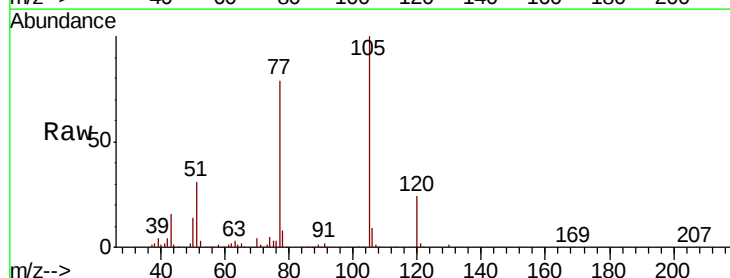


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

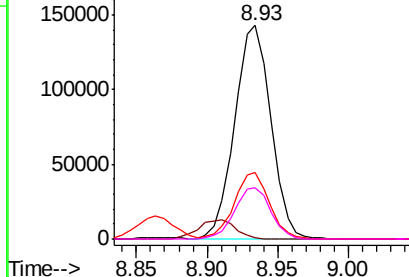
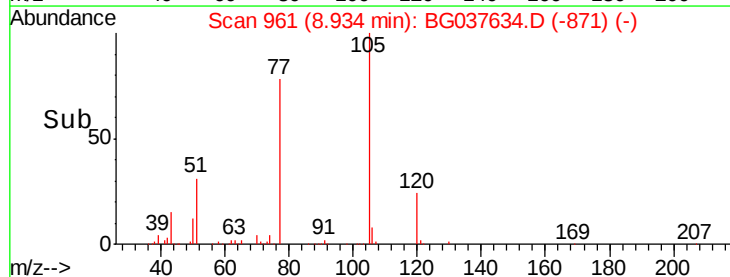


#22
Acetophenone
Concen: 41.365 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion:105	Resp:	255200
Ion	Ratio	Lower Upper
105	100	
71	0.6	1.2 1.8#
51	31.1	25.0 37.6
120	23.7	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
200000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

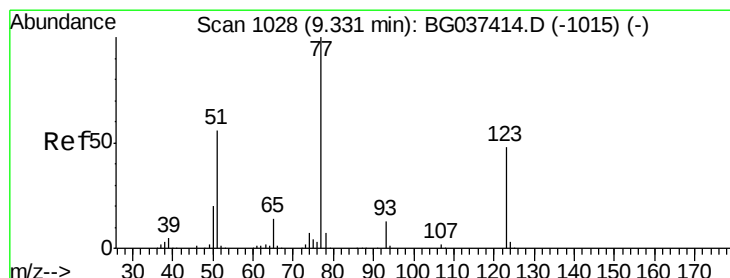
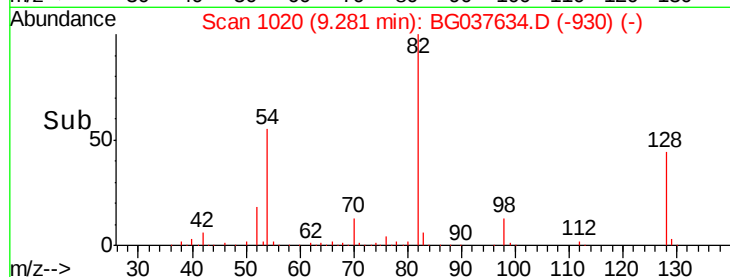
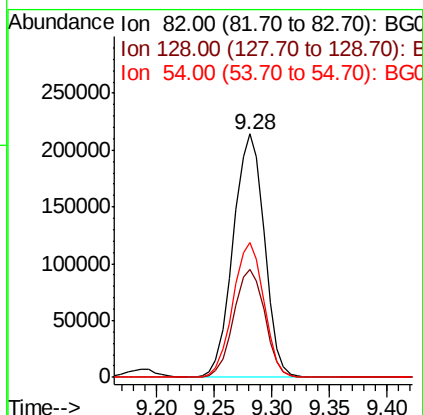
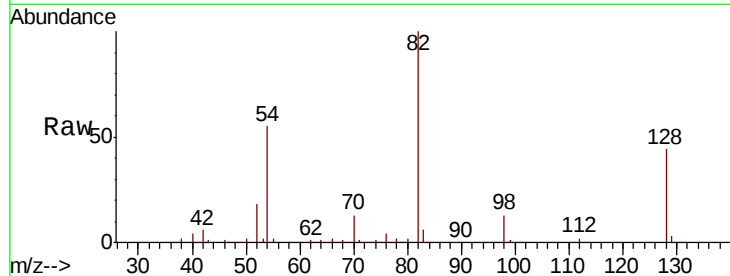




#23
 Nitrobenzene-d5
 Concen: 91.184 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

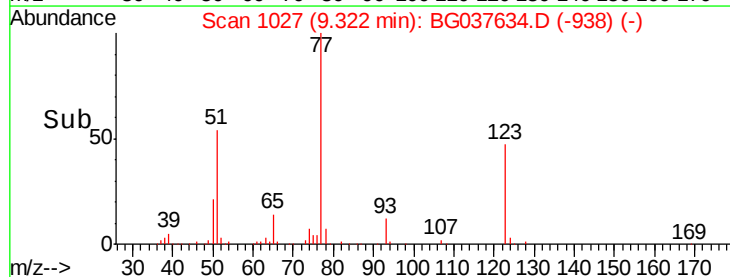
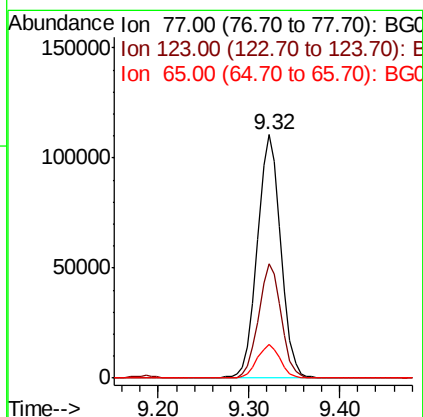
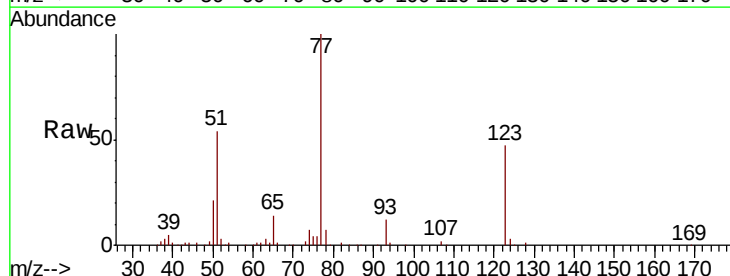
Instrument :
 BNA_G
 ClientSampleId :

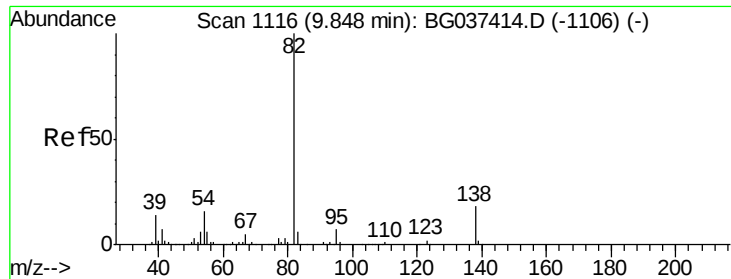
Tot Ion	82	Resp	400414
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.6	51.8
54	55.4	45.3	67.9



#24
 Nitrobenzene
 Concen: 43.473 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion	77	Resp	198320
Ion Ratio	Lower	Upper	
77	100		
123	47.0	33.6	50.4
65	14.0	11.3	16.9





#25

Isophorone

Concen: 48.786 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampled :

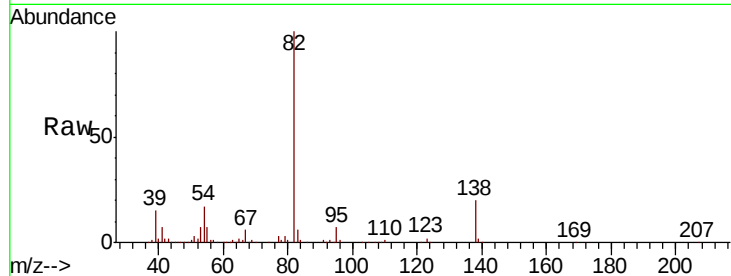
Tot Ion: 82 Resp: 391440

Ion Ratio Lower Upper

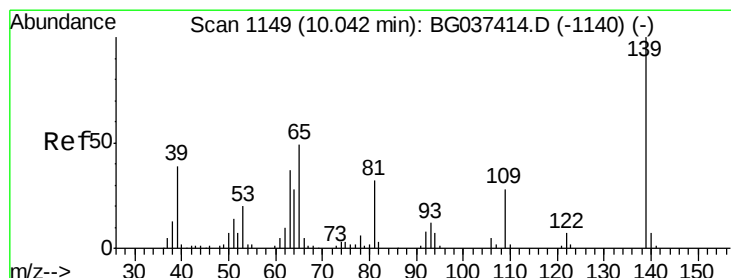
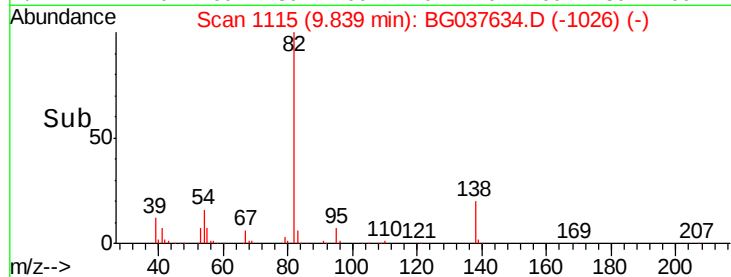
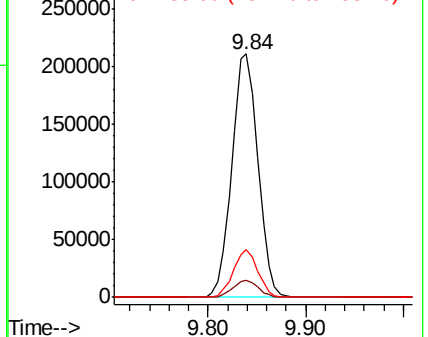
82 100

95 6.9 5.3 7.9

138 19.6 13.3 19.9



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



#26

2-Nitrophenol

Concen: 47.802 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

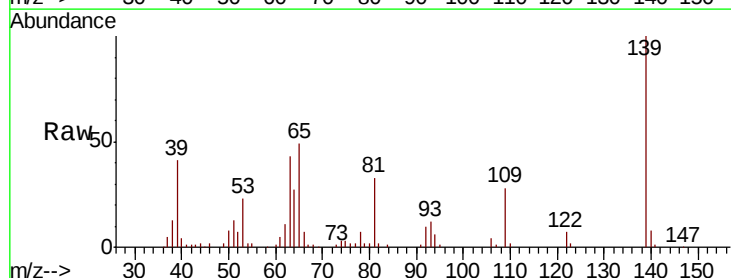
Tgt Ion: 139 Resp: 98238

Ion Ratio Lower Upper

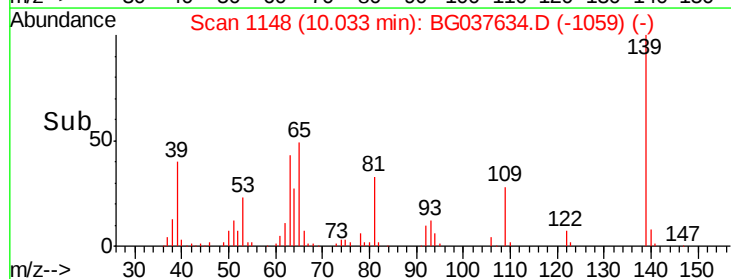
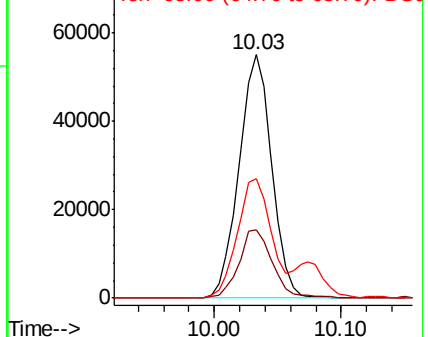
139 100

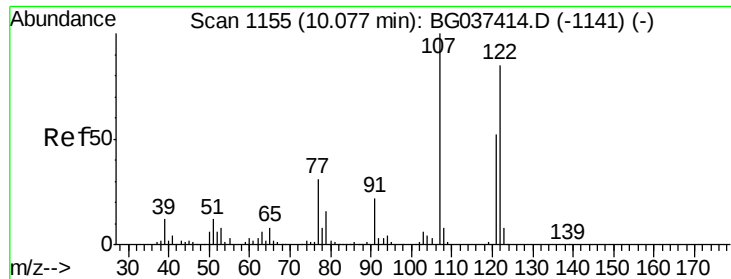
109 28.0 23.3 34.9

65 49.0 39.8 59.8



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

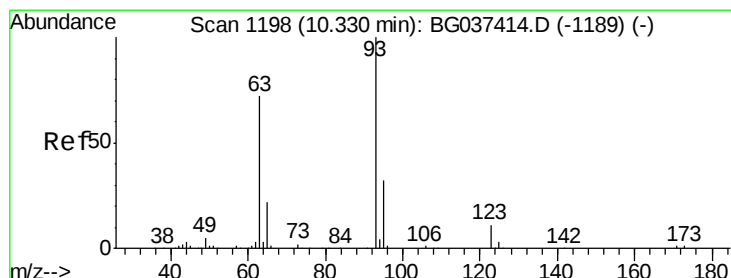
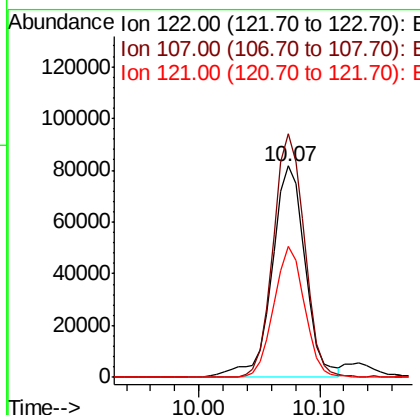
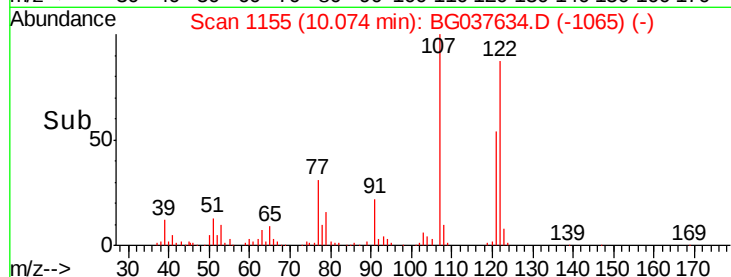
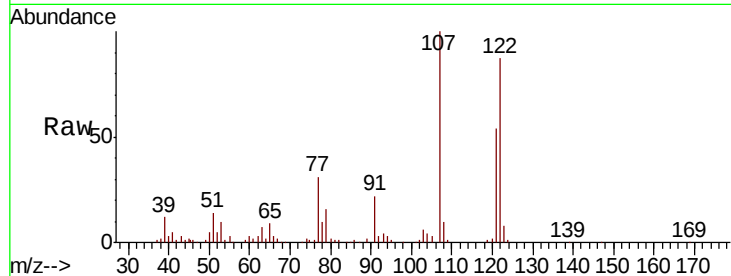




#27
2,4-Dimethylphenol
Concen: 42.147 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

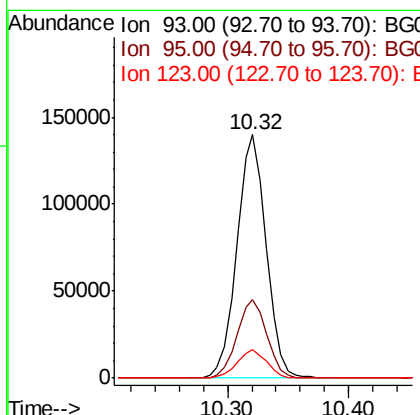
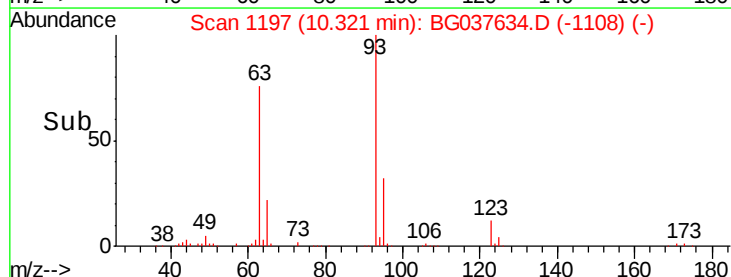
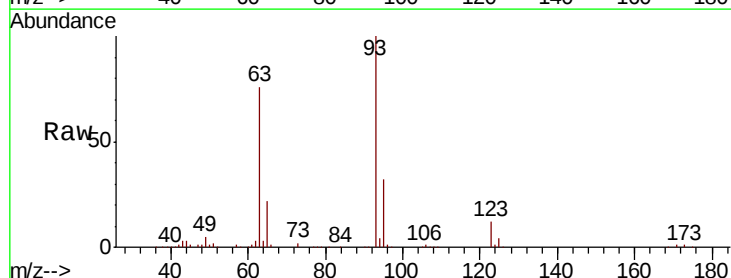
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 154651
Ion Ratio Lower Upper
122 100
107 115.2 94.2 141.2
121 61.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.882 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion: 93 Resp: 235944
Ion Ratio Lower Upper
93 100
95 32.1 24.6 37.0
123 11.6 9.1 13.7

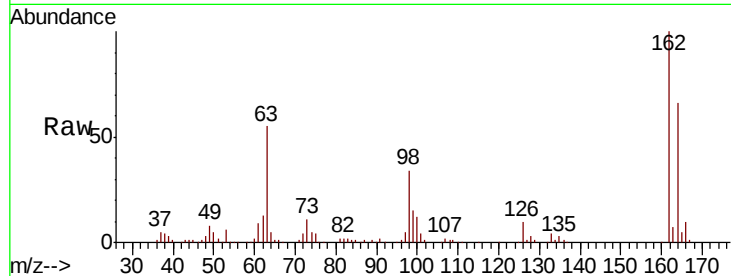




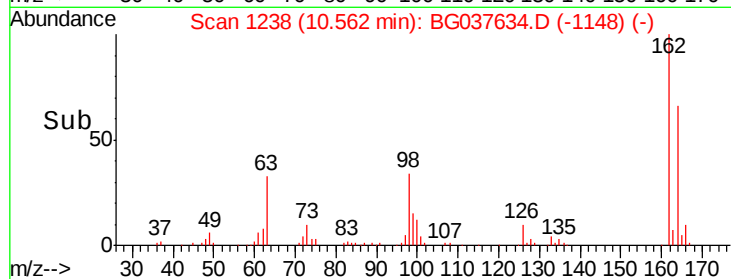
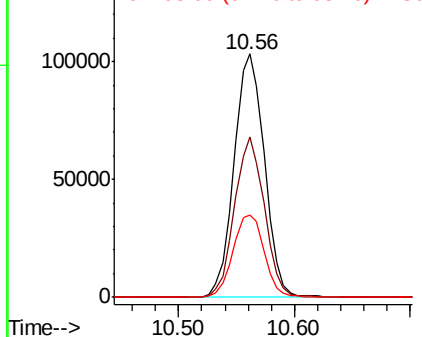
#29
 2,4-Dichlorophenol
 Concen: 46.085 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	43.2	83.2
98	33.9	16.0	56.0

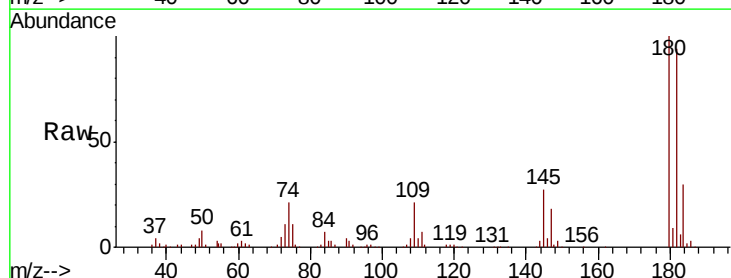


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

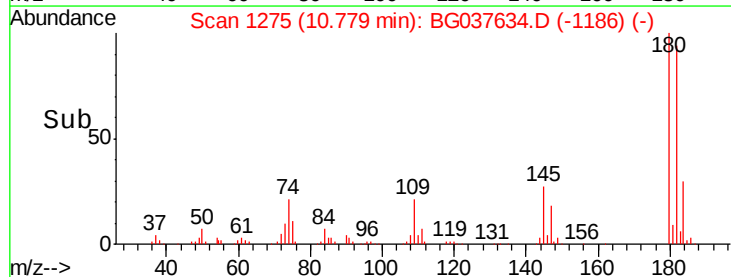
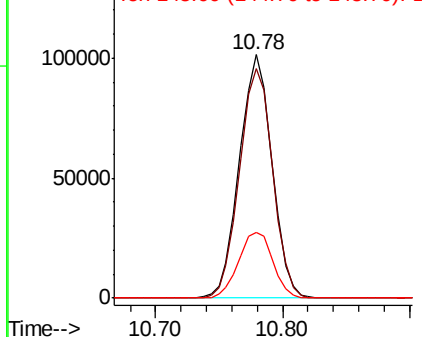


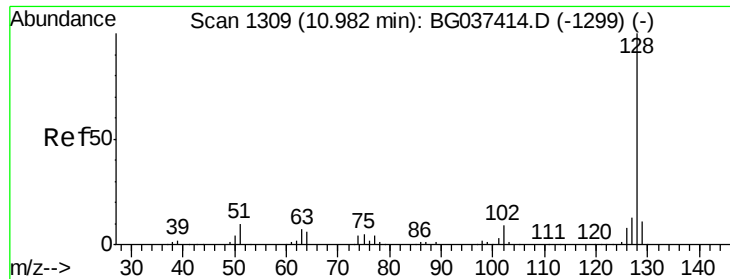
#30
 1,2,4-Trichlorobenzene
 Concen: 40.634 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.7	116.5
145	27.0	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

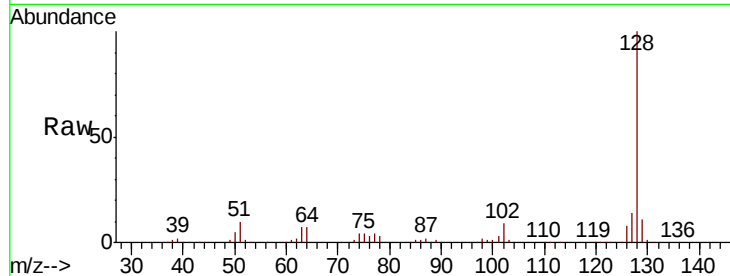




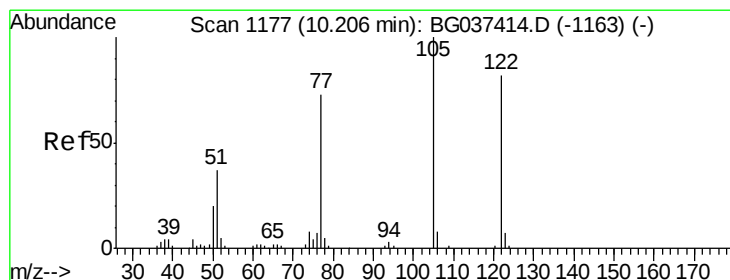
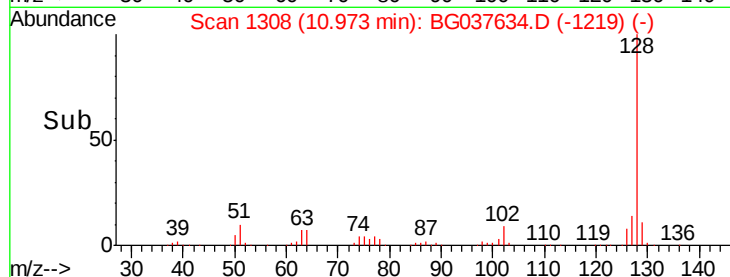
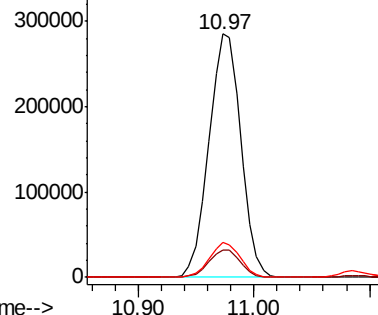
#31
Naphthalene
Concen: 45.257 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 546829
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.4 11.1 16.7

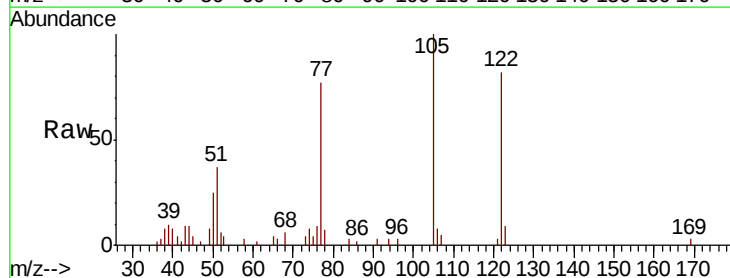


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

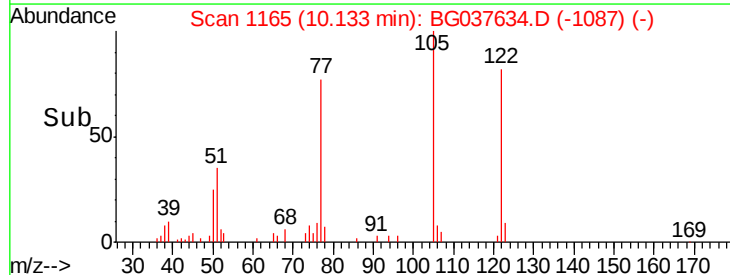
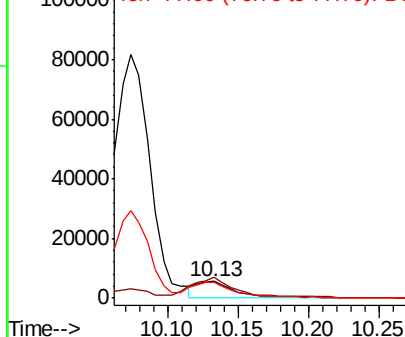


#32
Benzoic acid
Concen: 4.507 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion:122 Resp: 10741
Ion Ratio Lower Upper
122 100
105 121.9 106.7 146.7
77 93.3 72.2 112.2



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

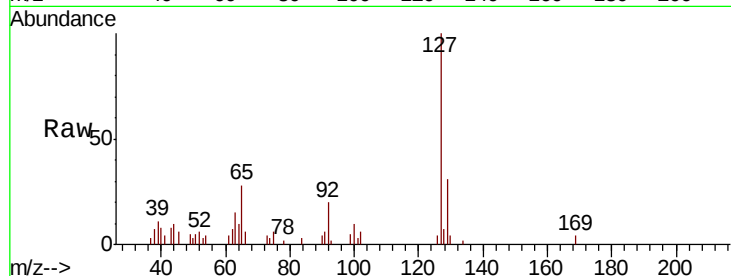




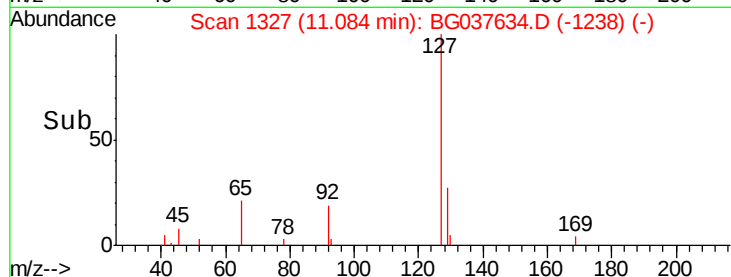
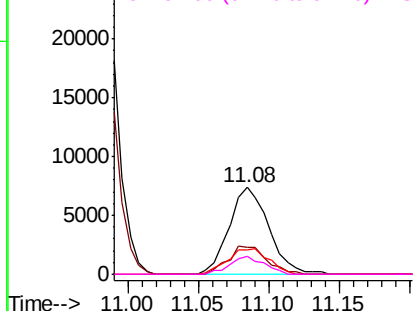
#33
4-Chloroaniline
Concen: 2.546 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	14453
Ion	Ratio	Lower	Upper
127	100		
129	31.4	27.1	40.7
65	27.9	26.6	39.8
92	20.4	16.4	24.6

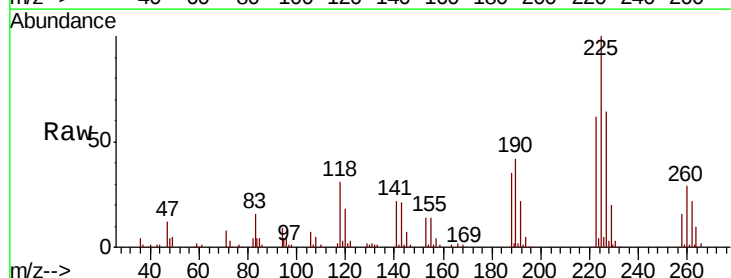


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

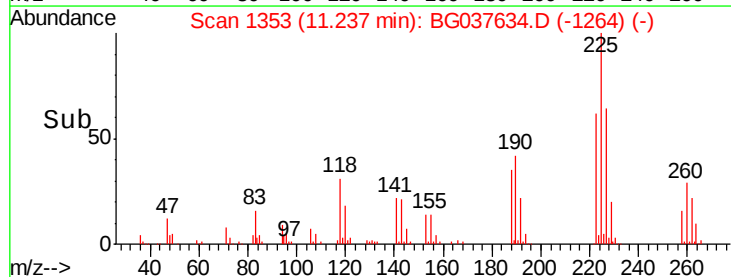
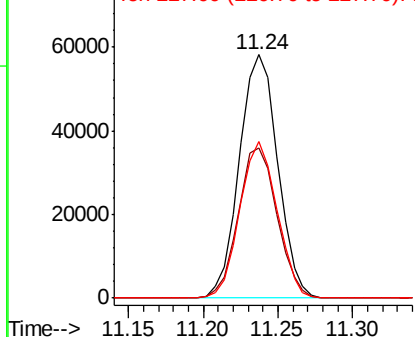


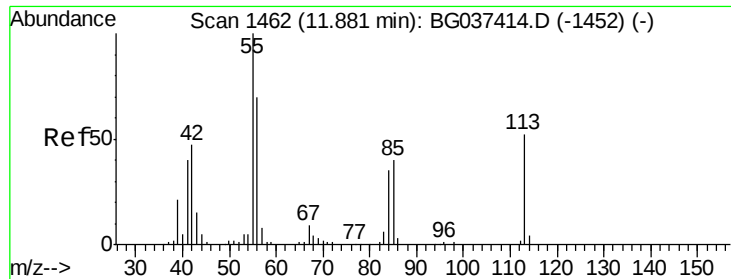
#34
Hexachlorobutadiene
Concen: 39.406 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion:	225	Resp:	103763
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.2	72.4
227	63.6	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

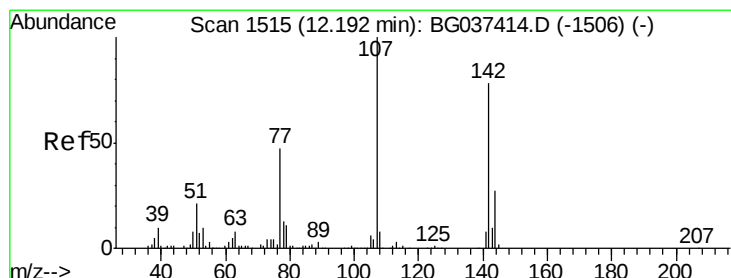
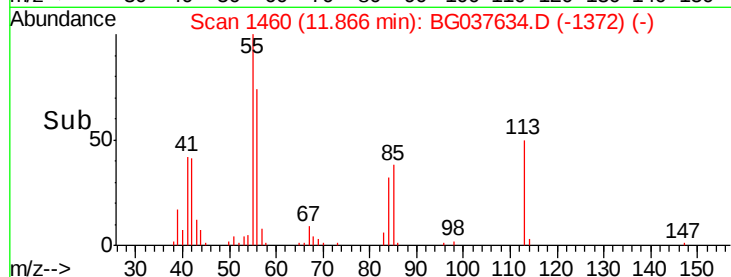
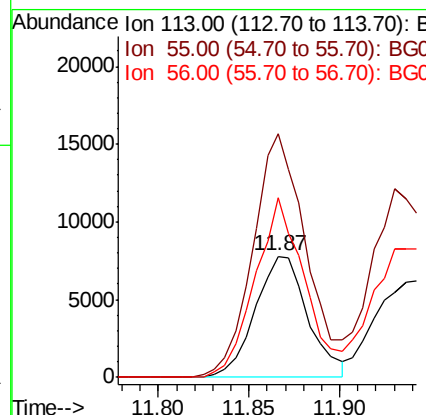
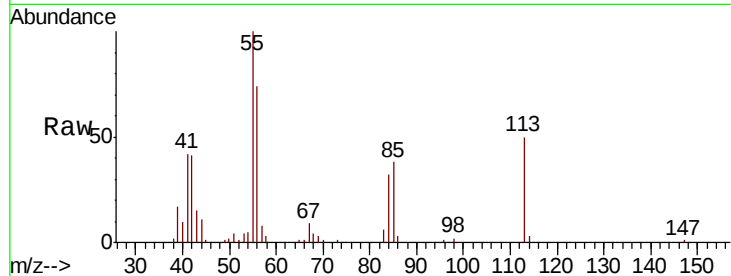




#35
 Caprolactam
 Concen: 9.655 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

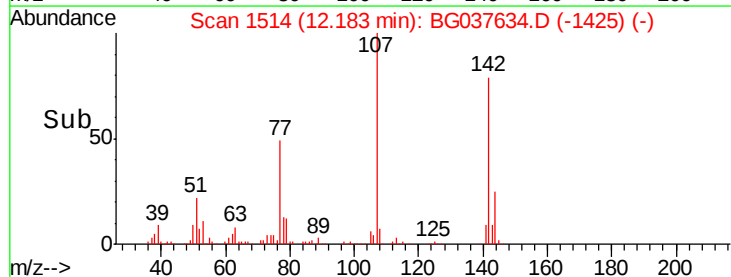
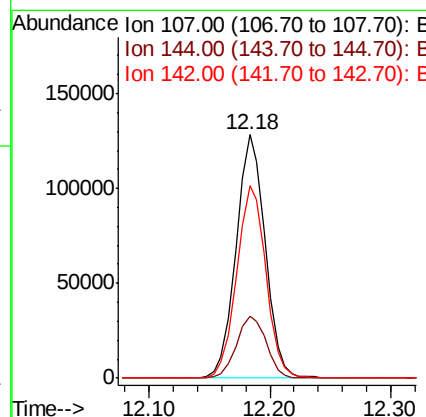
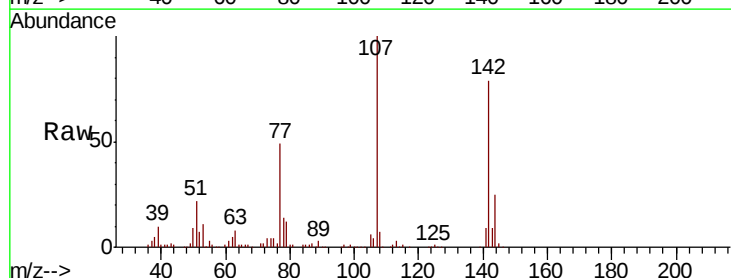
Instrument :
 BNA_G
 ClientSampled :

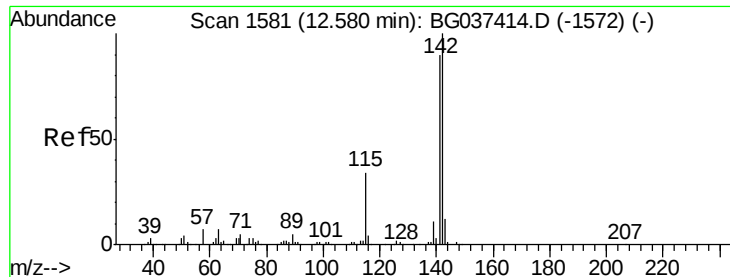
Tot Ion:113 Resp: 15820
 Ion Ratio Lower Upper
 113 100
 55 200.6 176.6 216.6
 56 147.7 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.805 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion:107 Resp: 215651
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.7 31.1
 142 79.0 64.4 96.6

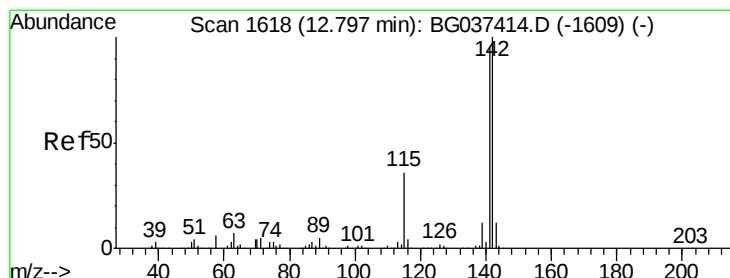
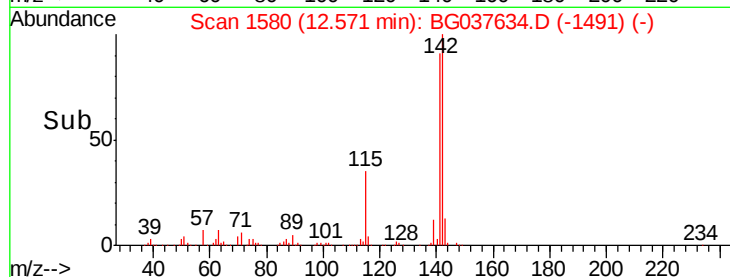
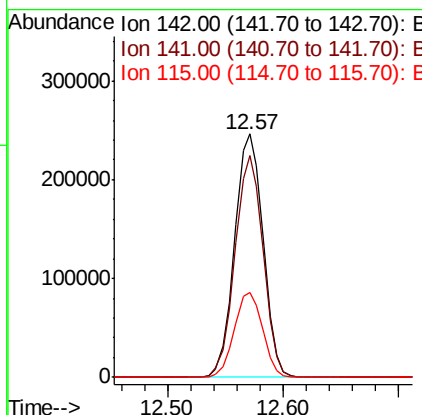
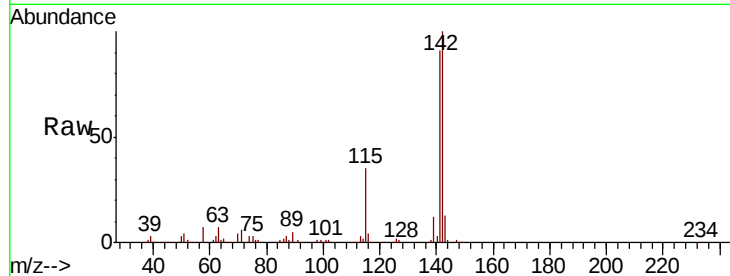




#37
2-Methylnaphthalene
Concen: 47.477 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

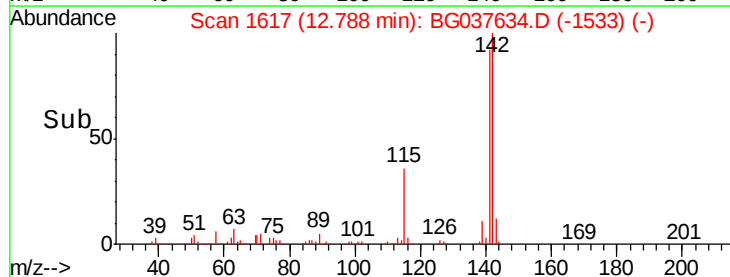
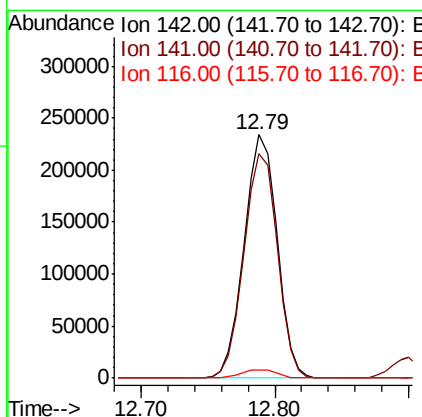
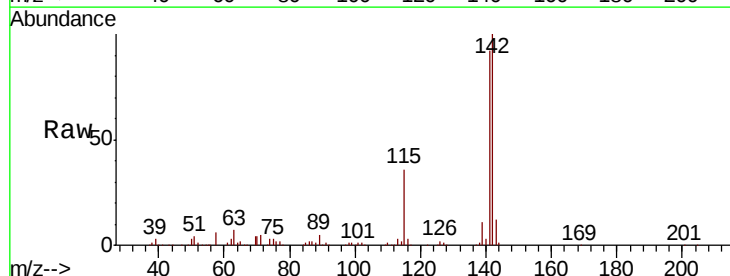
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	34.9	27.8	41.8



#38
1-Methylnaphthalene
Concen: 46.692 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.2	112.8
116	3.4	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampled :

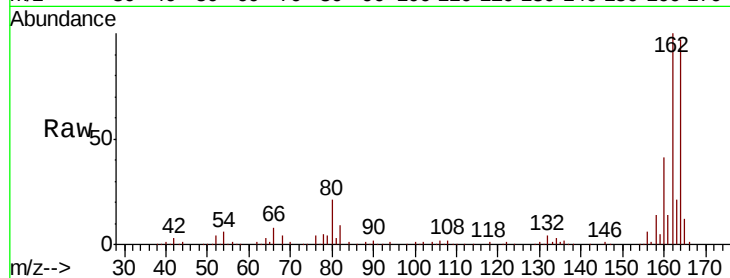
Tot Ion:164 Resp: 165088

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

160 42.3 36.3 54.5

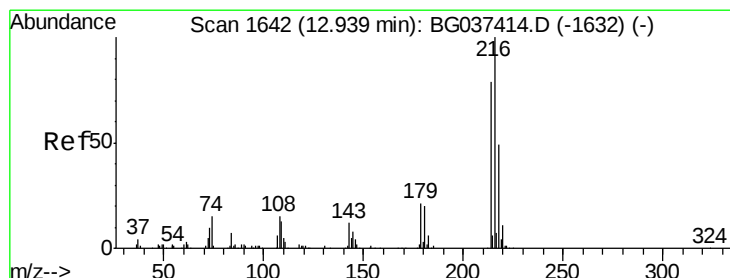
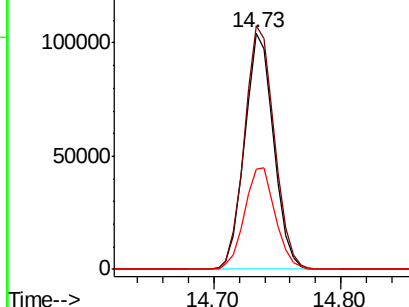
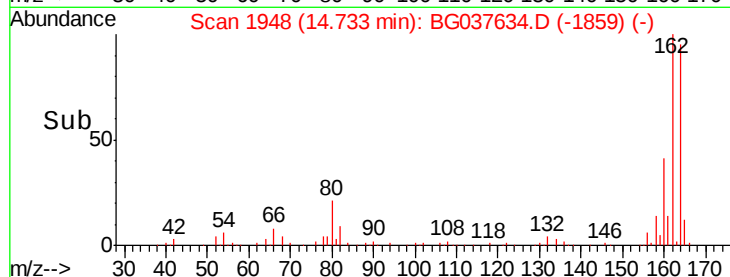


Abundance

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: 39.957 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Tgt Ion:216 Resp: 212769

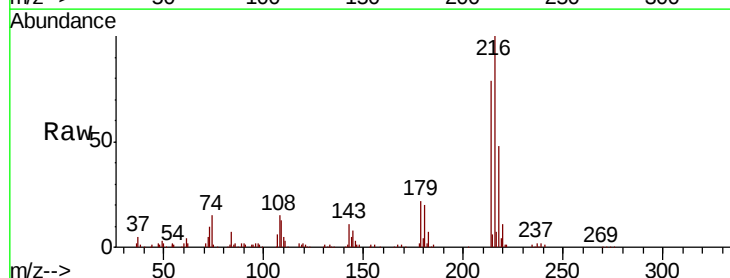
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 20.9 17.4 26.0

108 19.0 13.9 20.9



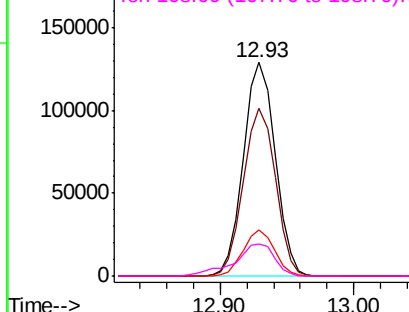
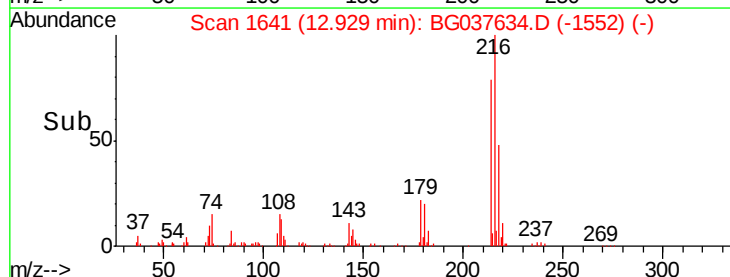
Abundance

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: 100.894 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampleId :

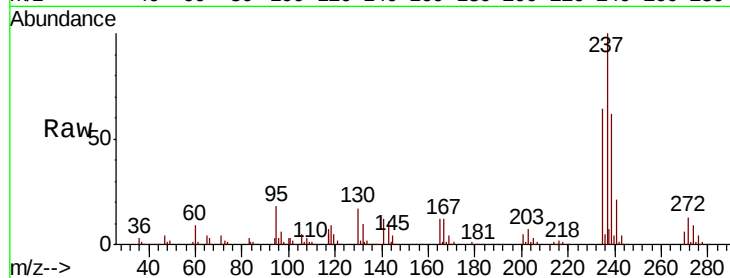
Tot Ion:237 Resp: 256634

Ion Ratio Lower Upper

237 100

235 63.6 42.5 82.5

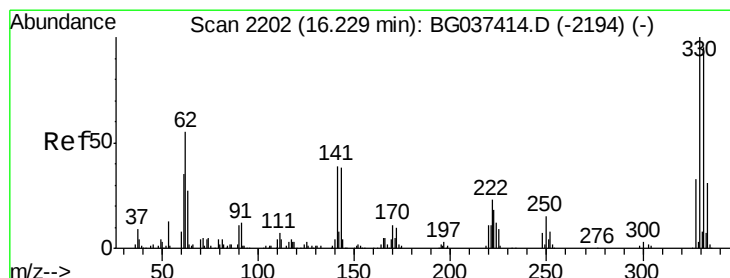
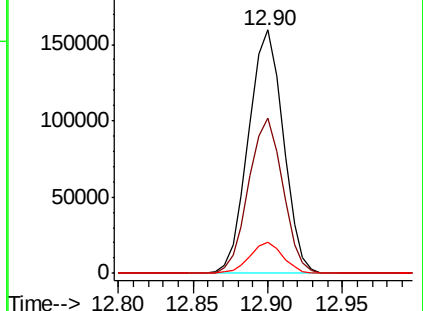
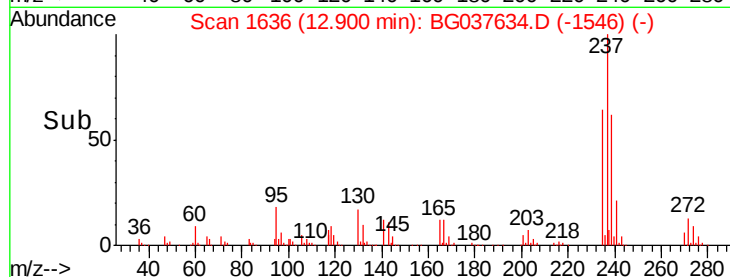
272 12.7 0.0 31.6



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: 136.176 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

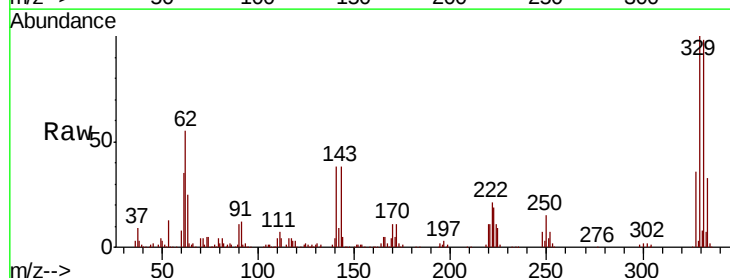
Tgt Ion:330 Resp: 245198

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

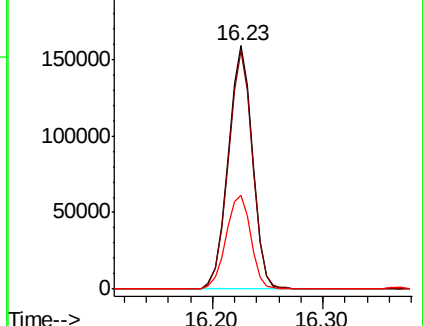
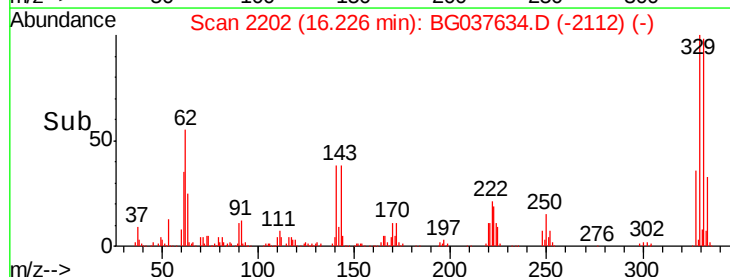
141 39.3 32.2 48.2

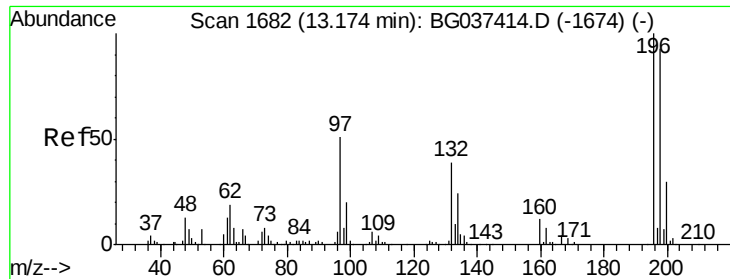


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

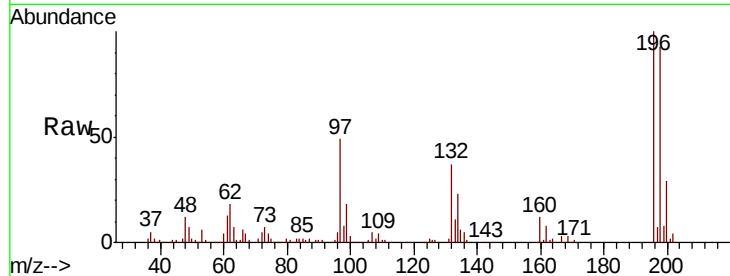




#43
 2,4,6-Trichlorophenol
 Concen: 46.309 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	164745
Ion Ratio	Lower	Upper	
196	100		
198	93.3	76.4	114.6
200	29.1	24.9	37.3

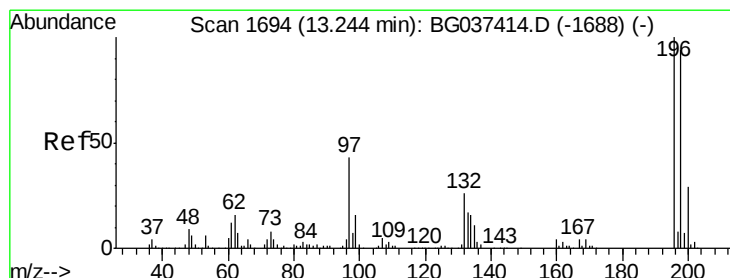
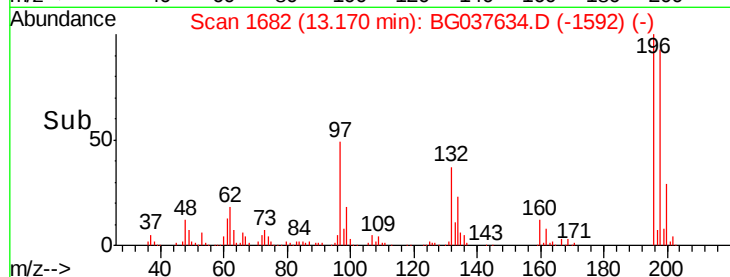
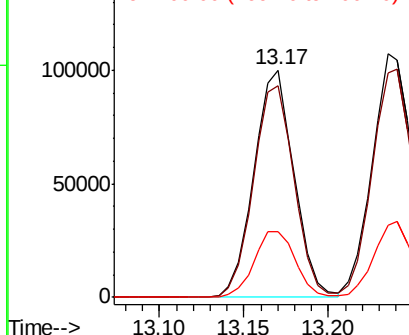


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.625 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion	196	Resp	180593
Ion Ratio	Lower	Upper	
196	100		
198	92.3	74.2	111.2
97	44.6	34.1	51.1
132	25.1	20.2	30.4

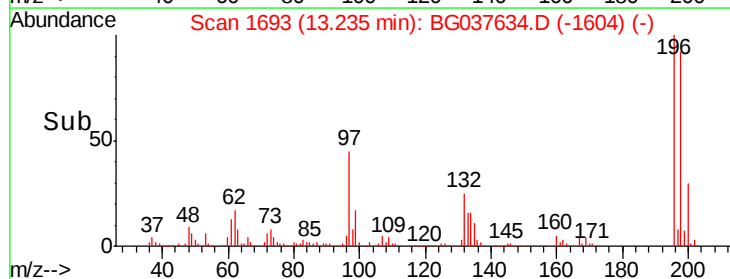
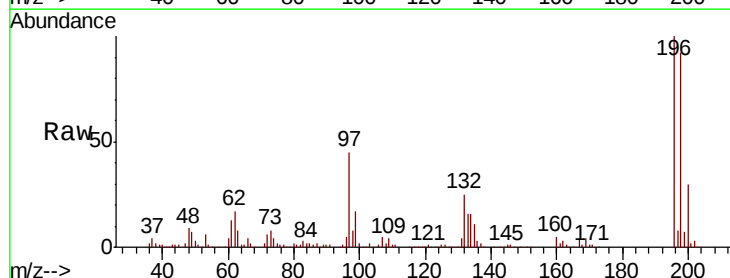
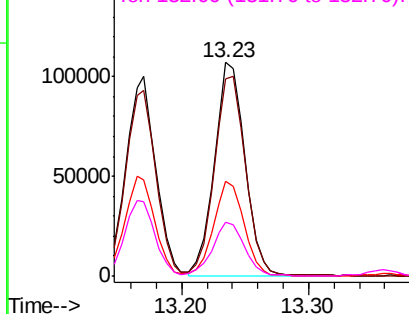
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

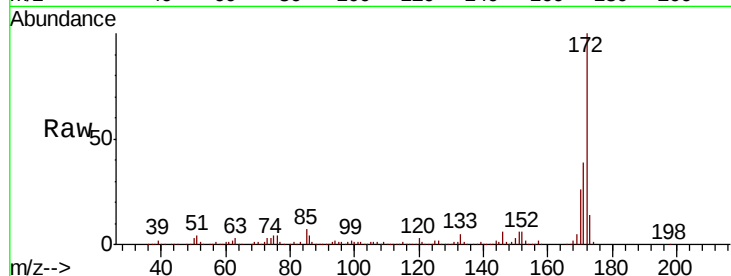




#45
2-Fluorobiphenyl
Concen: 85.445 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.7	20.2	30.2

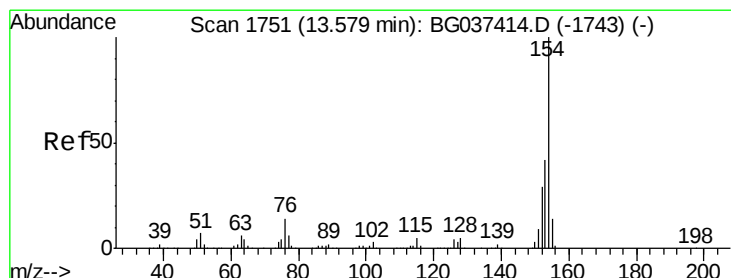
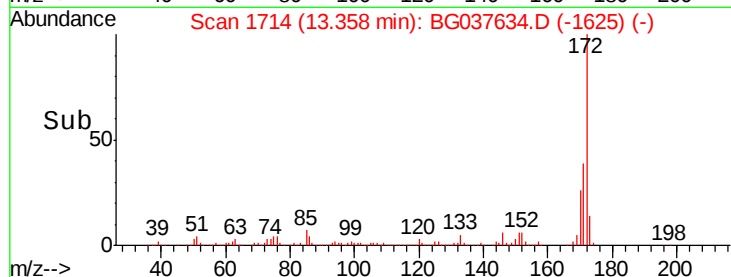
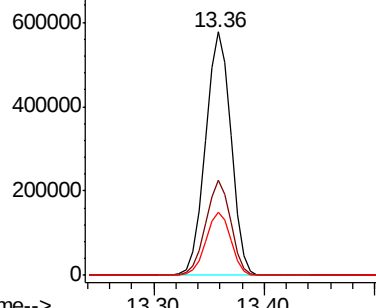


Abundance

Ion 172.00 (171.70 to 172.70): E

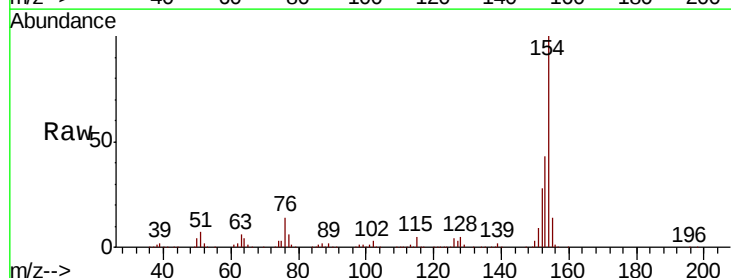
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.483 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.1	62.1
76	14.1	0.0	33.2

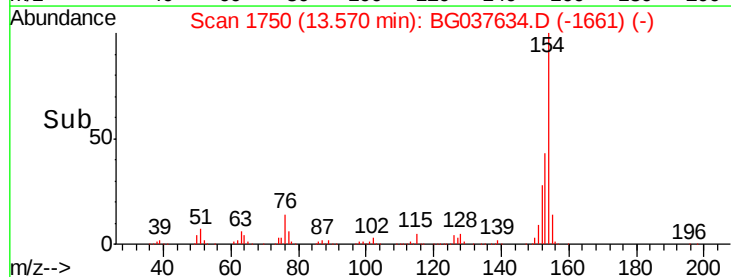
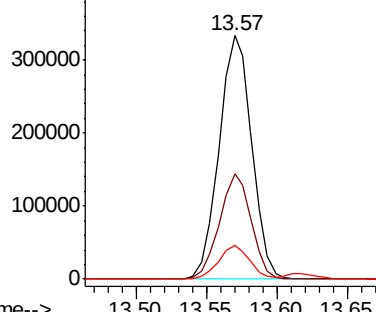


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

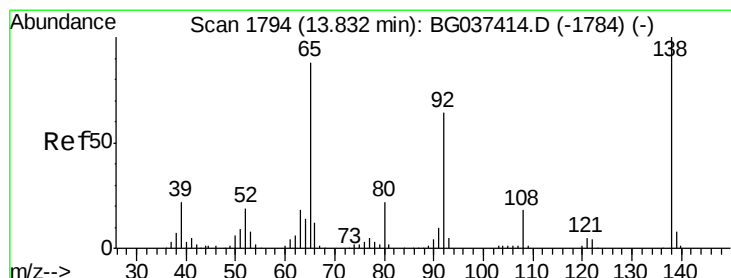
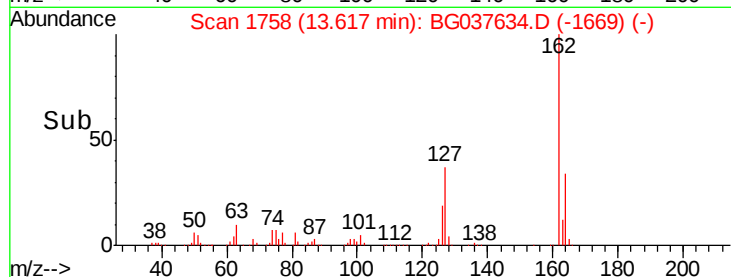
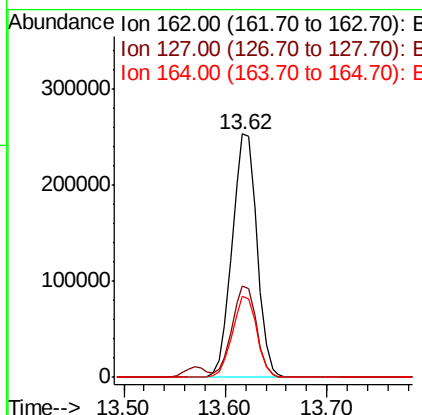
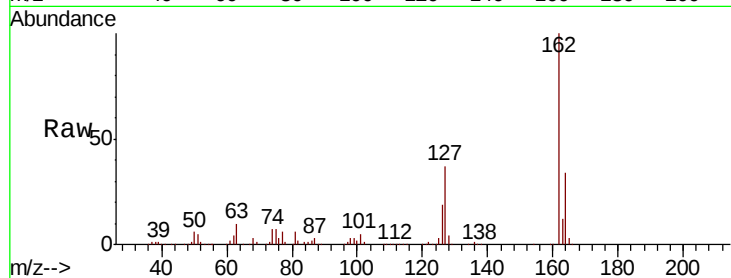




#47
2-Chloronaphthalene
Concen: 41.489 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

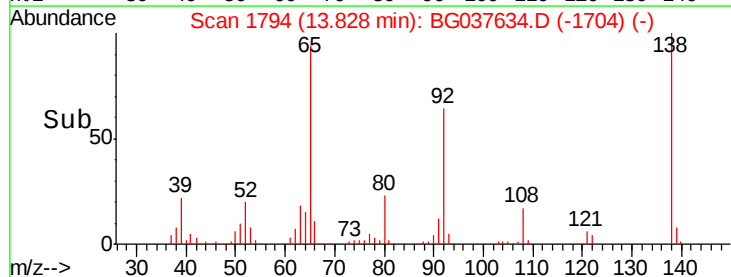
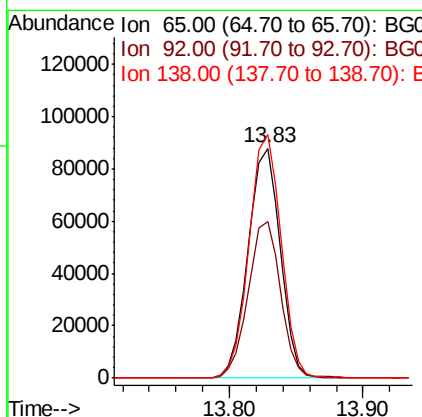
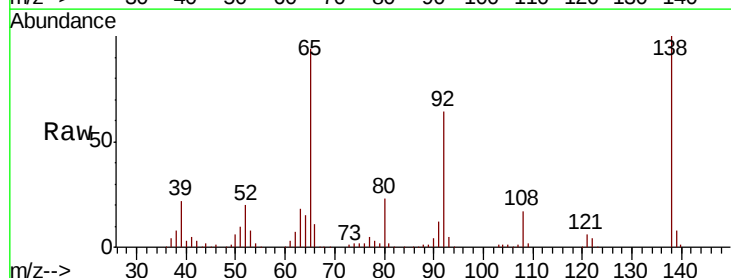
Instrument :
BNA_G
ClientSampleId :

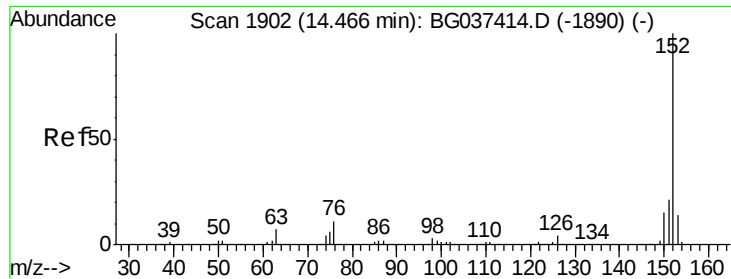
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	33.5	26.4	39.6



#48
2-Nitroaniline
Concen: 46.750 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.2	79.8
138	106.0	79.3	118.9





#49

Acenaphthylene

Concen: 45.670 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampleId :

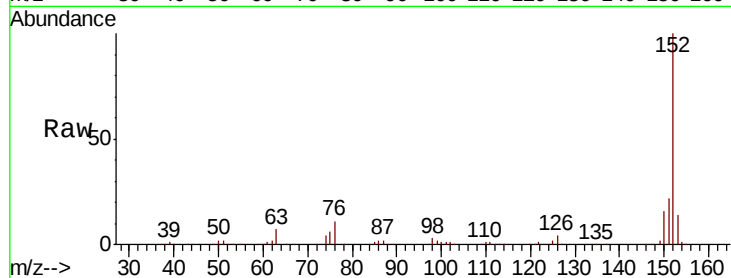
Tot Ion:152 Resp: 710609

Ion Ratio Lower Upper

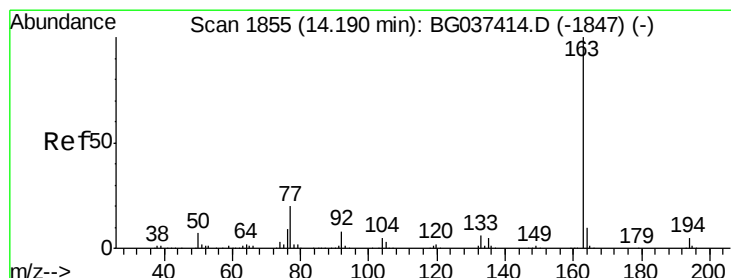
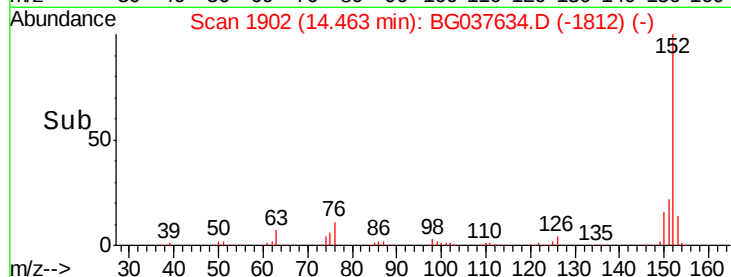
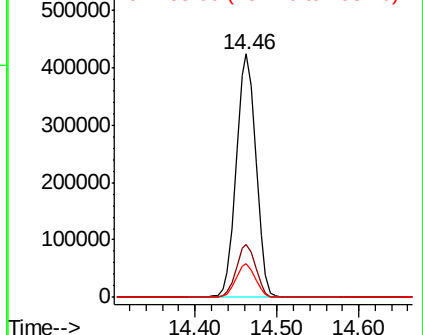
152 100

151 21.9 17.1 25.7

153 14.1 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: 56.117 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

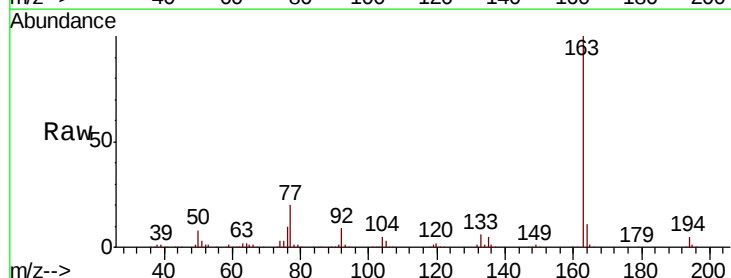
Tgt Ion:163 Resp: 716694

Ion Ratio Lower Upper

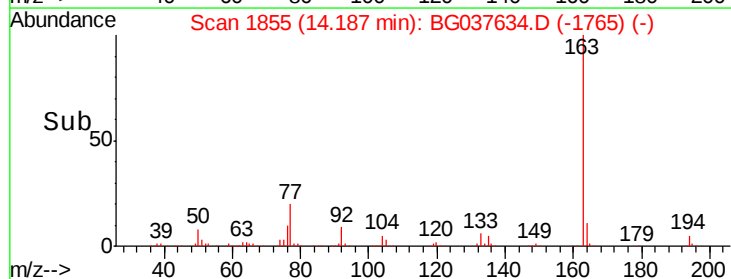
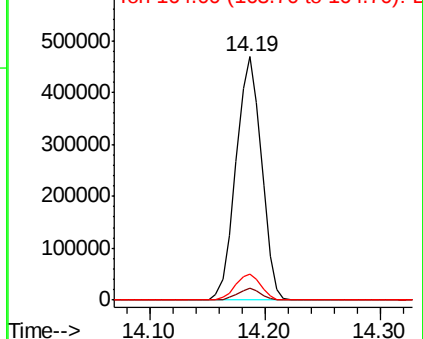
163 100

194 4.7 3.5 5.3

164 10.9 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

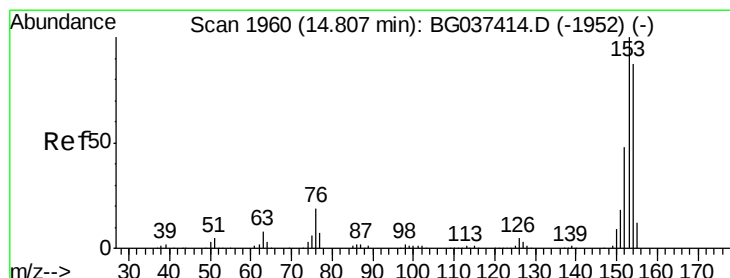
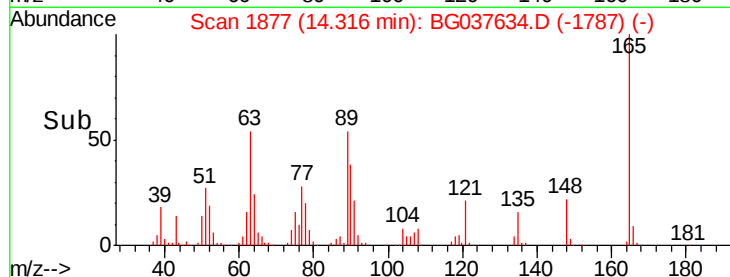
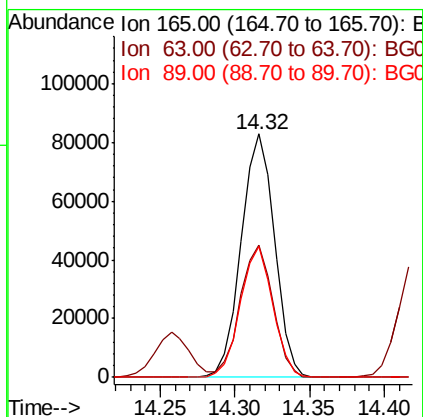
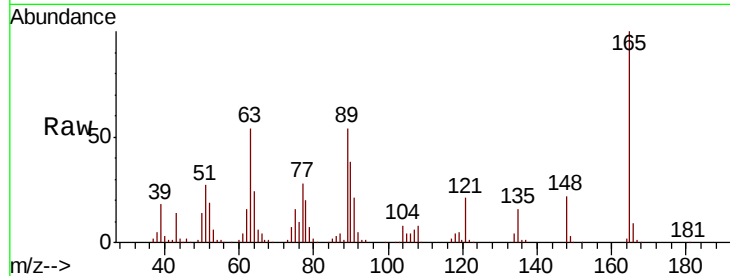




#51
 2,6-Dinitrotoluene
 Concen: 45.347 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

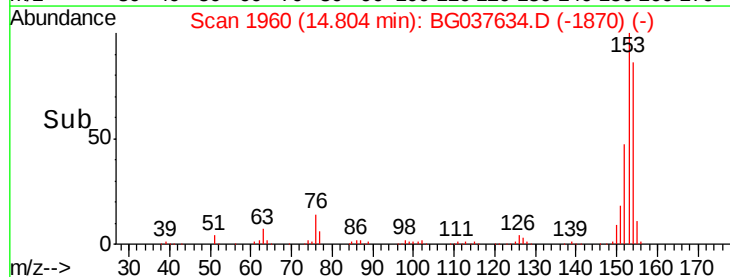
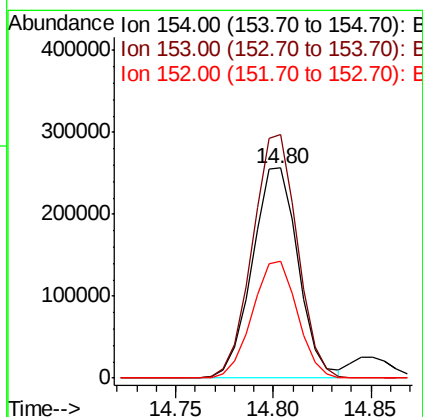
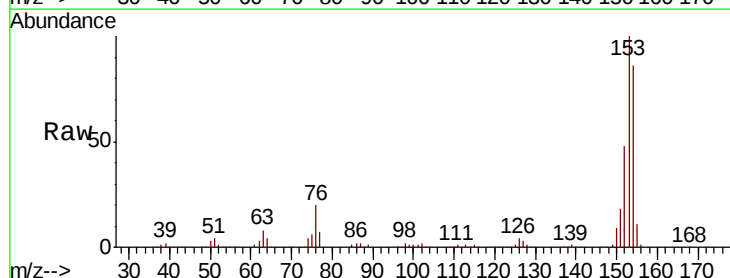
Instrument :
 BNA_G
 ClientSampleId :

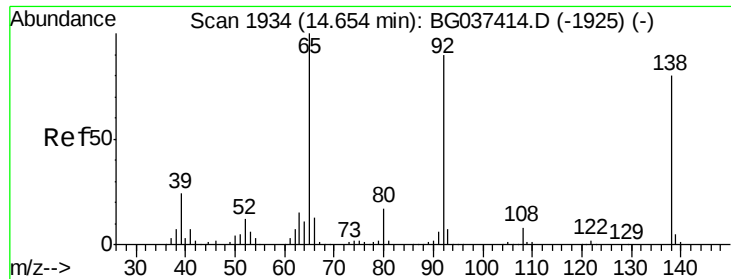
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.1	43.4	65.2
89	53.7	45.8	68.6



#52
 Acenaphthene
 Concen: 43.634 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.8	93.4	140.0
152	55.4	44.7	67.1

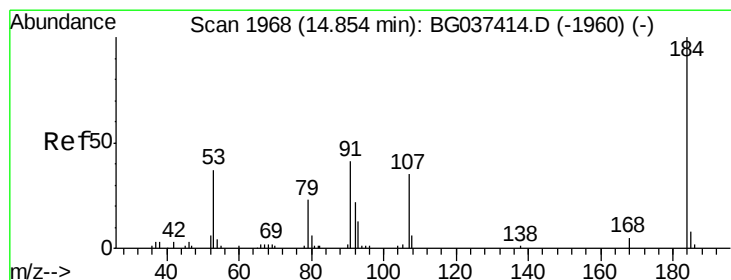
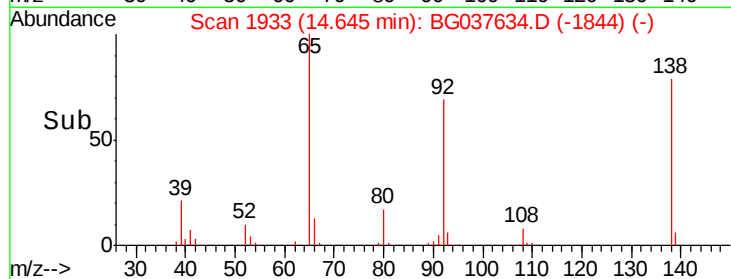
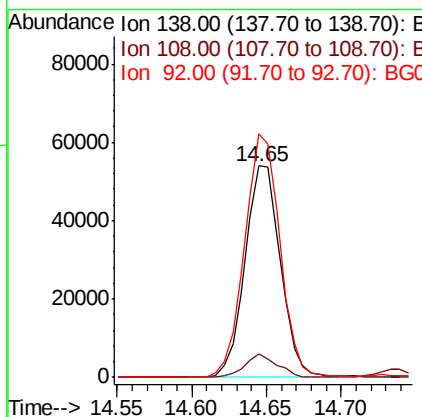
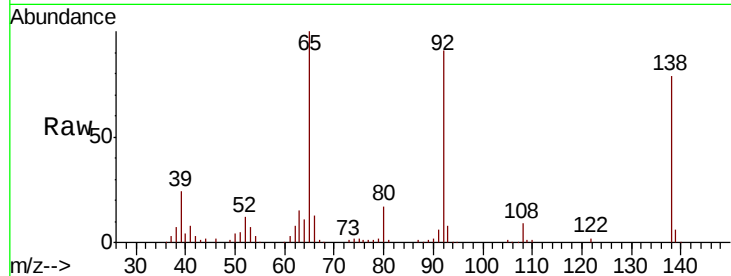




#53
 3-Nitroaniline
 Concen: 28.152 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

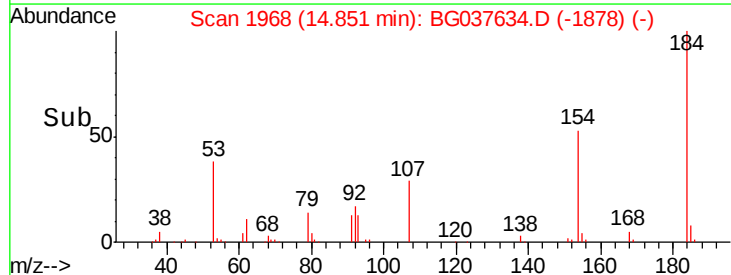
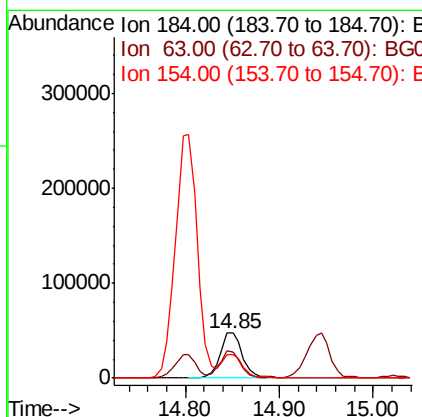
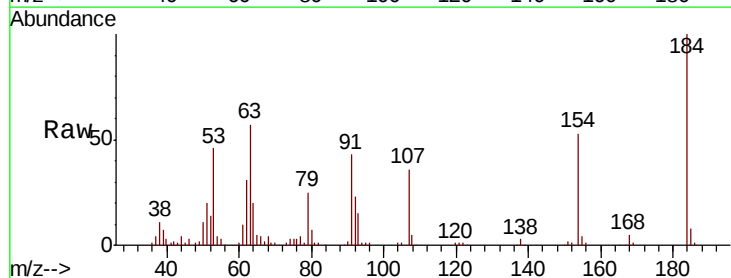
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 88298
 Ion Ratio Lower Upper
 138 100
 108 10.9 11.0 16.6#
 92 115.3 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 70.414 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion:184 Resp: 81264
 Ion Ratio Lower Upper
 184 100
 63 56.6 42.6 63.8
 154 53.3 41.8 62.6

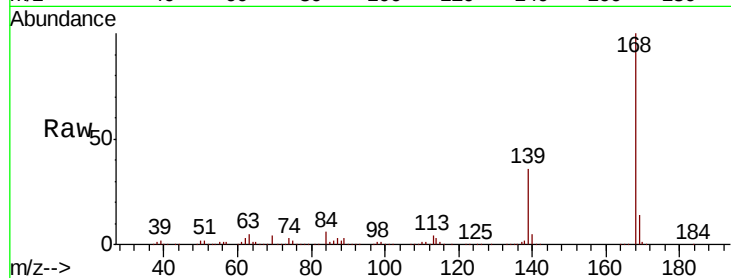




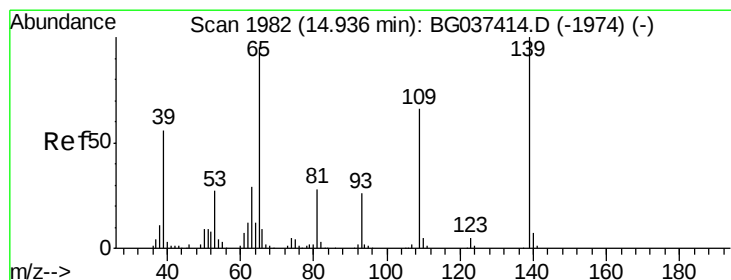
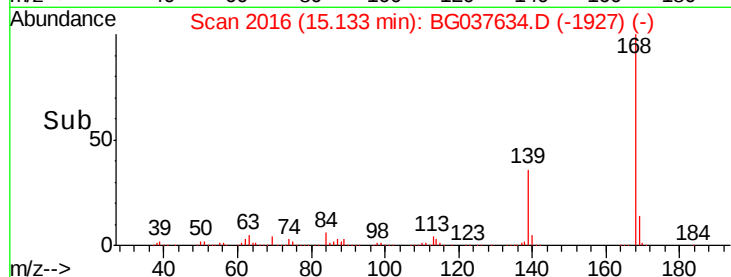
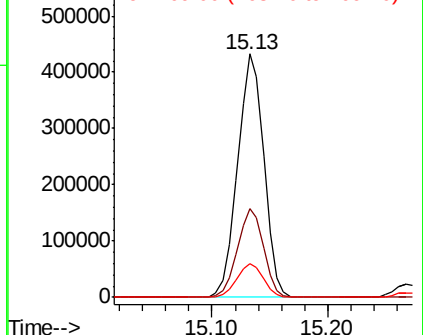
#55
Dibenzofuran
Concen: 42.741 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 678590
Ion Ratio Lower Upper
168 100
139 36.4 29.4 44.0
169 13.6 11.0 16.6

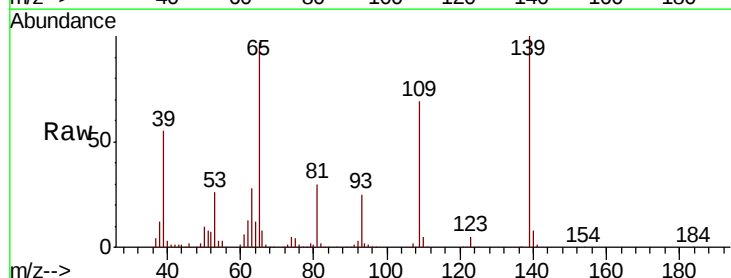


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

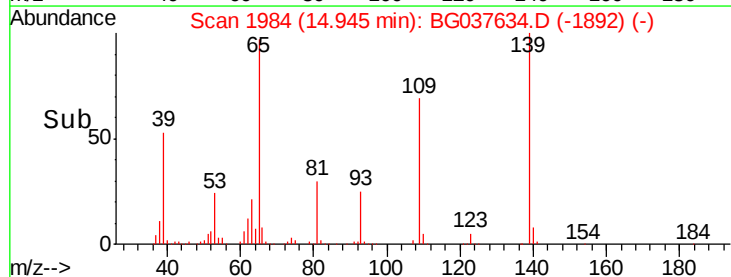
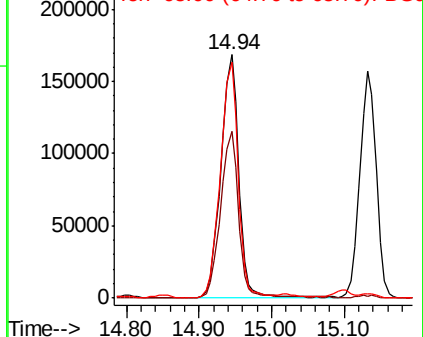


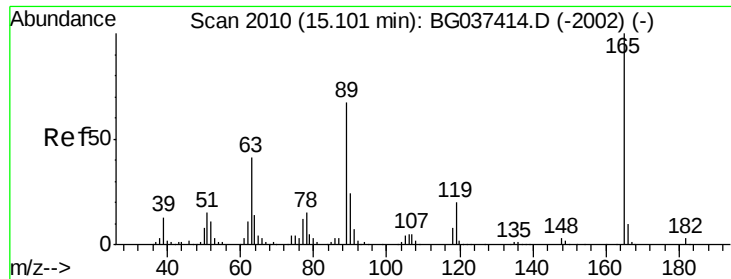
#56
4-Nitrophenol
Concen: 126.729 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion:139 Resp: 294217
Ion Ratio Lower Upper
139 100
109 68.6 49.5 89.5
65 97.0 76.8 116.8



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

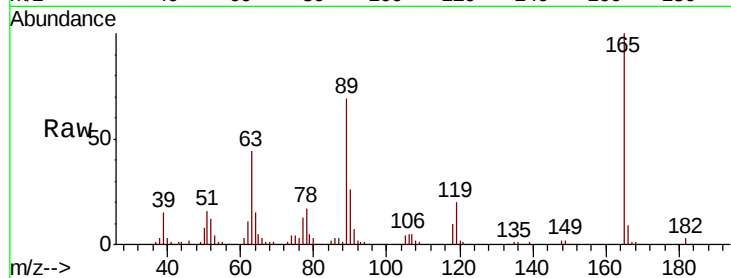




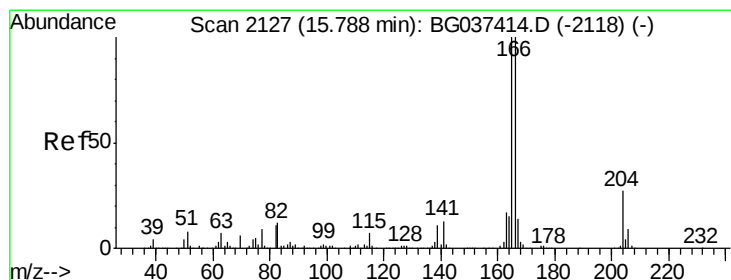
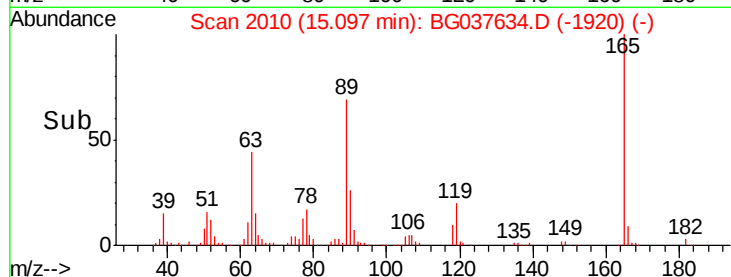
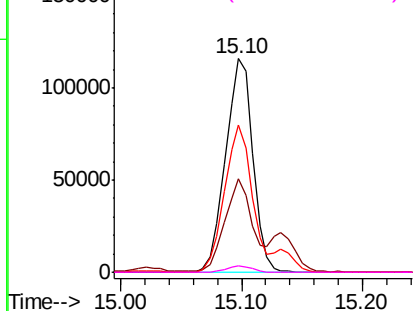
#57
2,4-Dinitrotoluene
Concen: 48.796 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	33.4	50.0
89	69.1	57.2	85.8
182	3.1	2.6	4.0

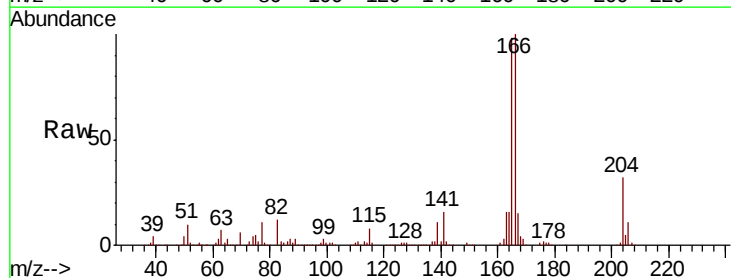


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

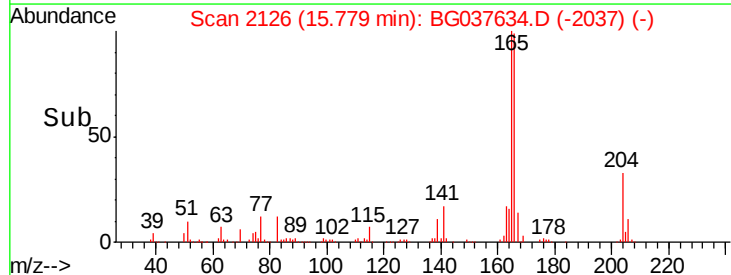
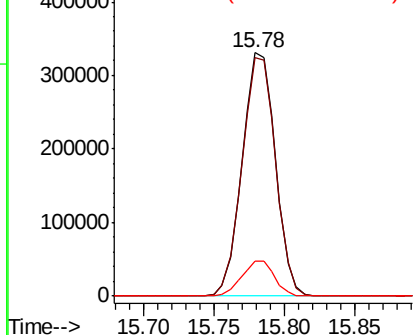


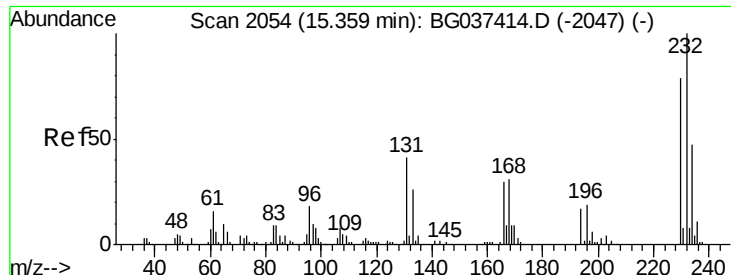
#58
Fluorene
Concen: 45.841 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.5	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

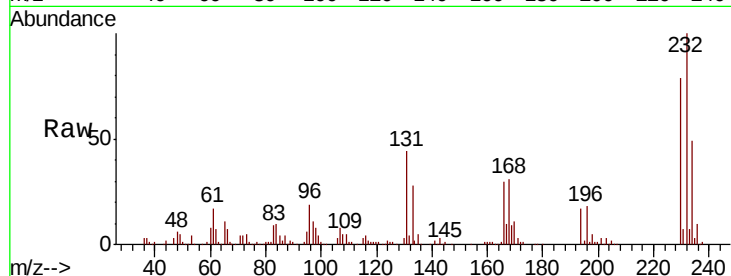




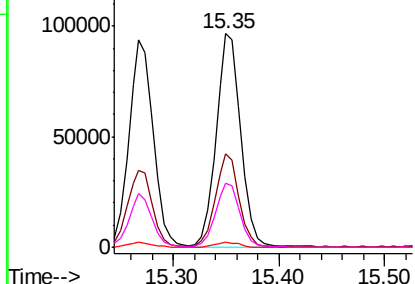
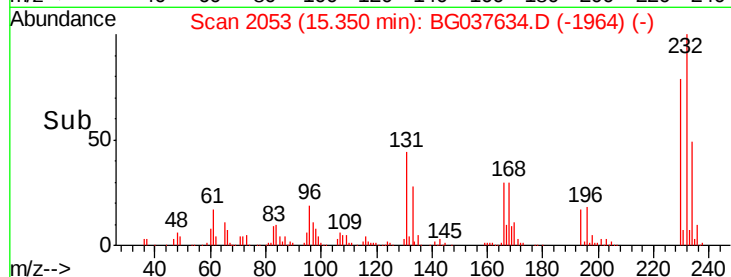
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.113 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	33.7	50.5
130	2.4	2.1	3.1
166	29.9	24.6	36.8

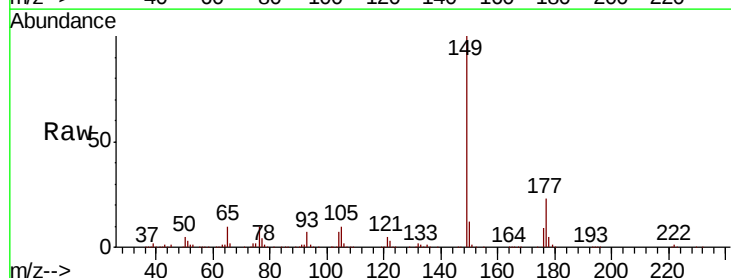


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

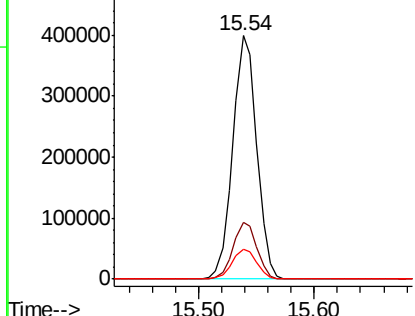
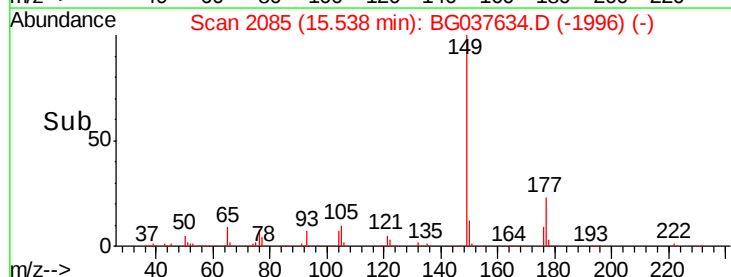


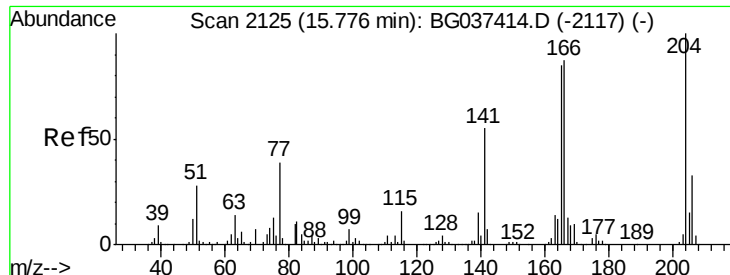
#60
Diethylphthalate
Concen: 43.574 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.2	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

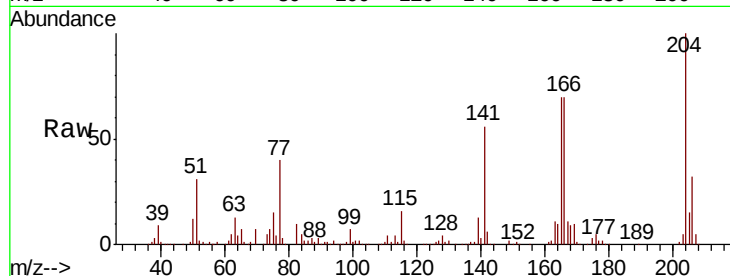




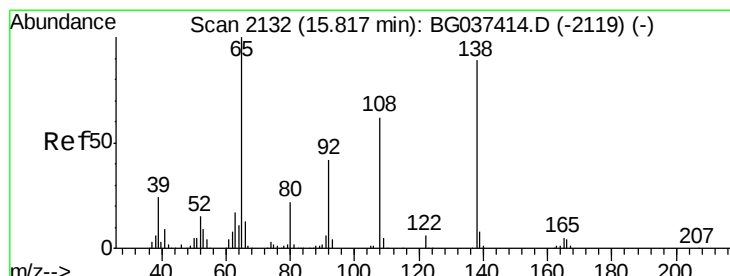
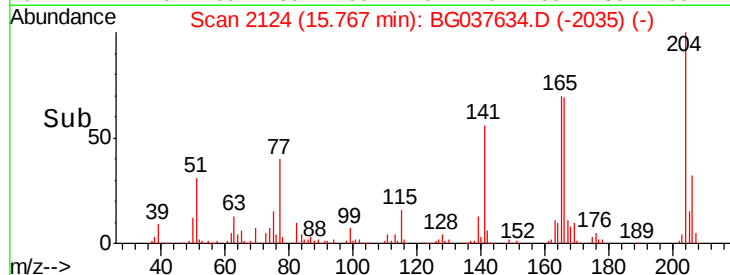
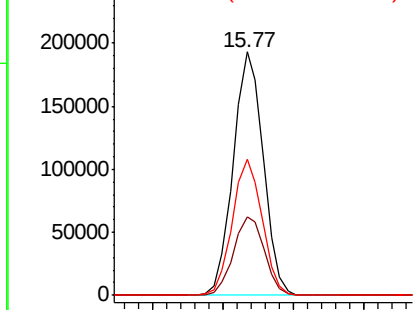
#61
 4-Chlorophenyl-phenylether
 Concen: 41.219 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 285645
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.6 39.8
 141 56.0 45.4 68.2

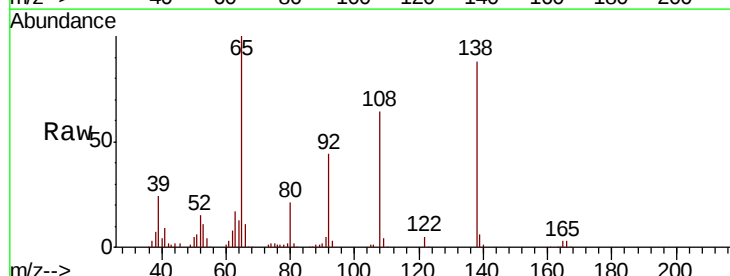


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

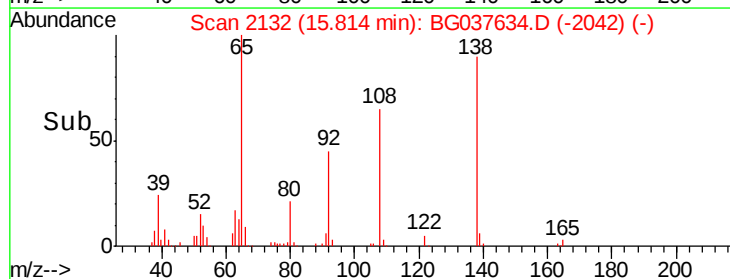
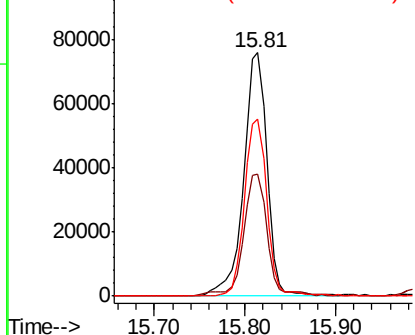


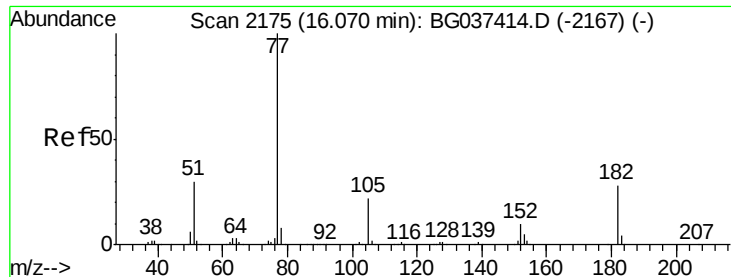
#62
 4-Nitroaniline
 Concen: 43.533 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion:138 Resp: 135677
 Ion Ratio Lower Upper
 138 100
 92 50.2 36.4 76.4
 108 72.8 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

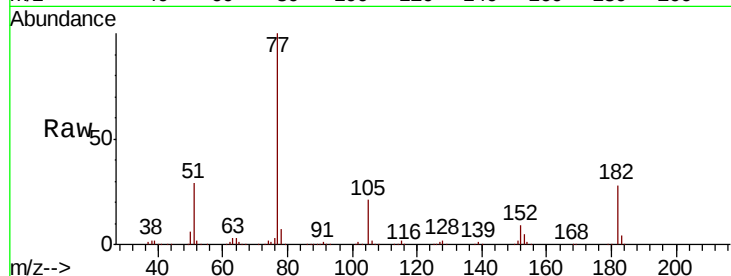




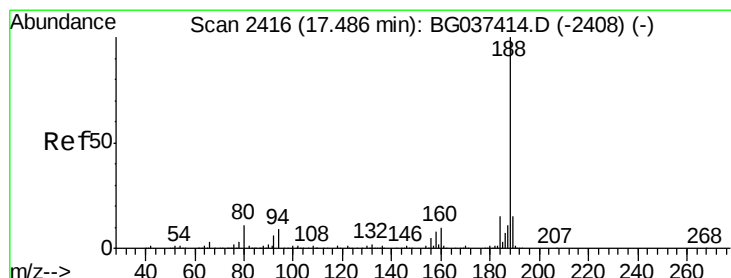
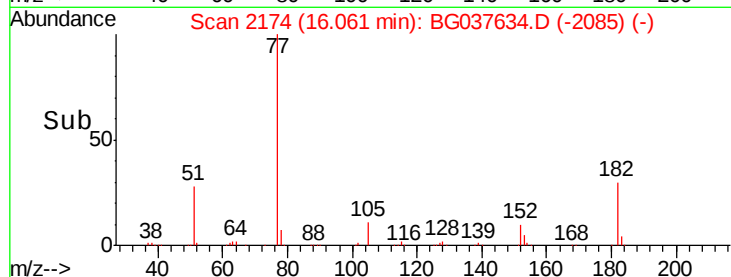
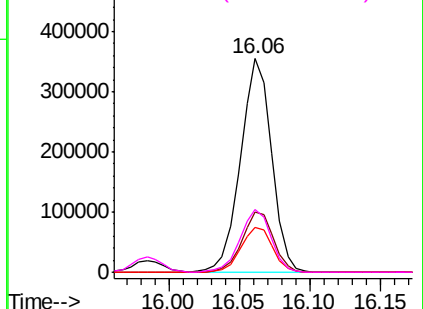
#63
Azobenzene
Concen: 43.544 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	8.0	48.0
105	21.1	1.3	41.3
51	29.4	10.7	50.7

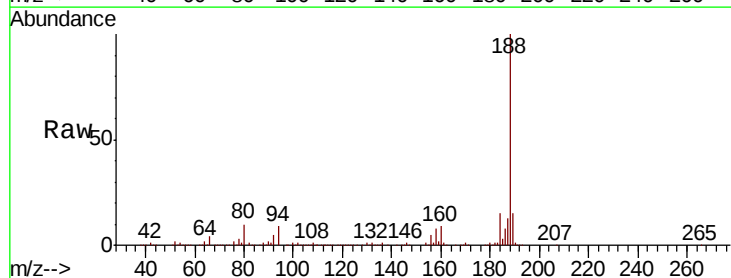


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

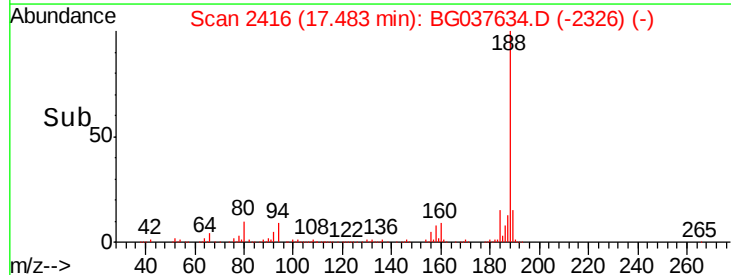
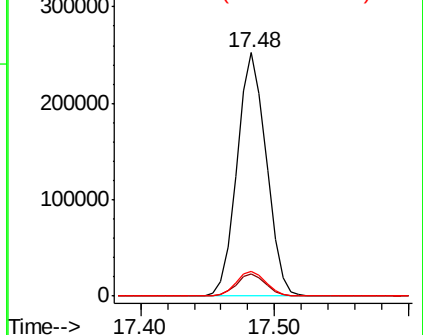


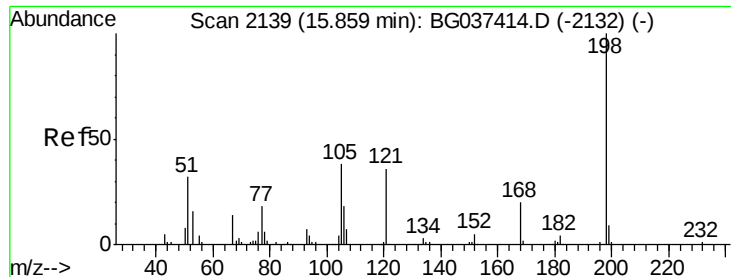
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	7.7	11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 43.645 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampleId :

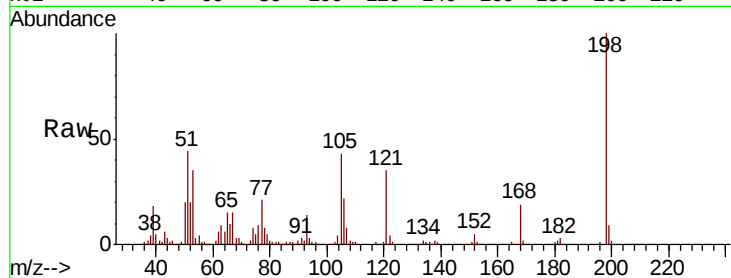
Tot Ion:198 Resp: 85888

Ion	Ratio	Lower	Upper
198	100		
51	43.8	22.7	62.7
105	42.8	19.7	59.7

198 100

51 43.8 22.7 62.7

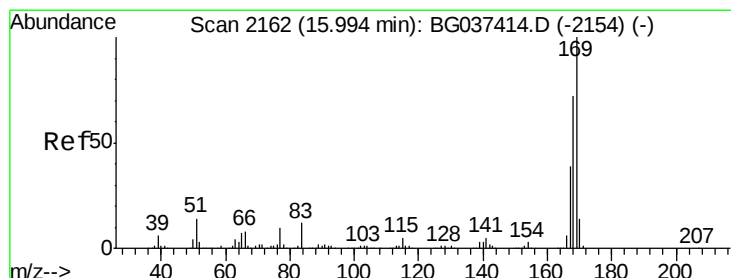
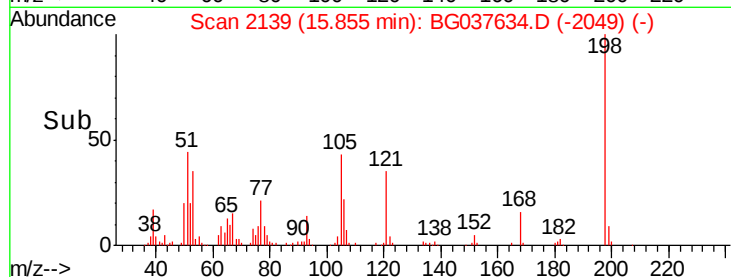
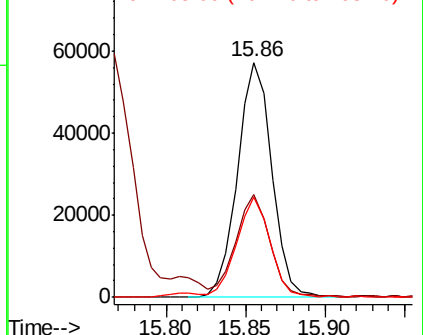
105 42.8 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 22.334 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

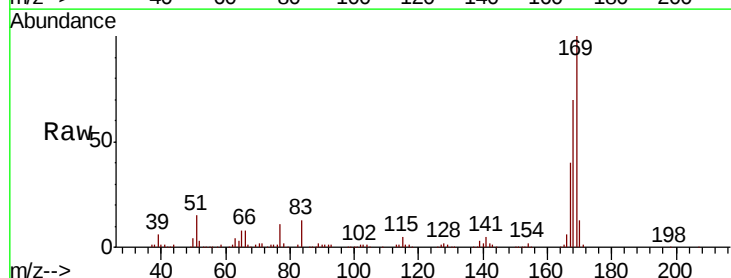
Tgt Ion:169 Resp: 257472

Ion	Ratio	Lower	Upper
169	100		
168	69.6	55.7	83.5
167	39.8	31.3	46.9

169 100

168 69.6 55.7 83.5

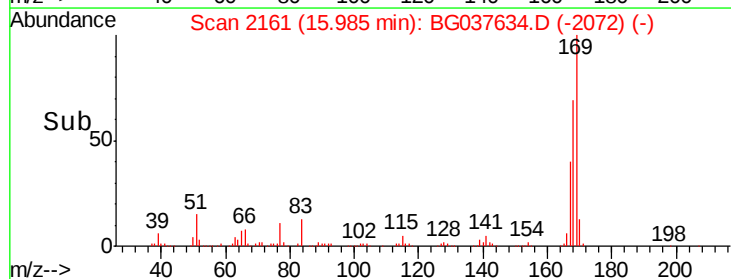
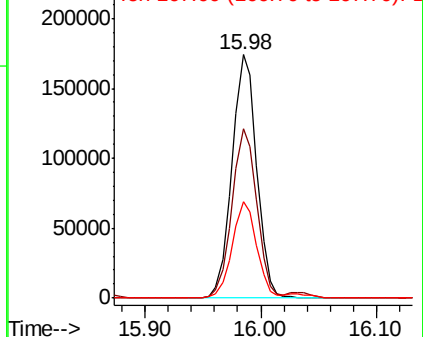
167 39.8 31.3 46.9

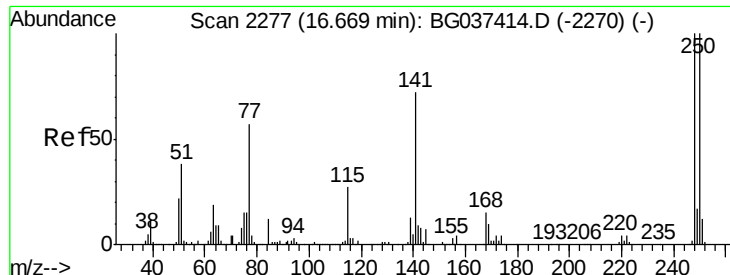


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

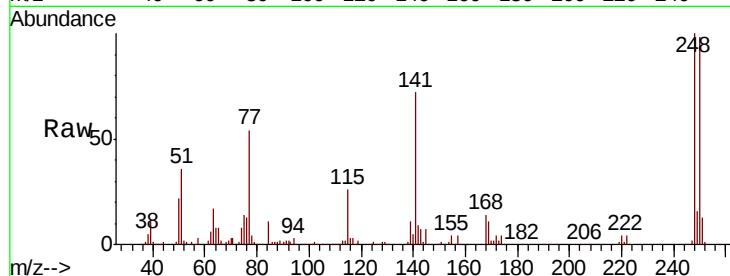




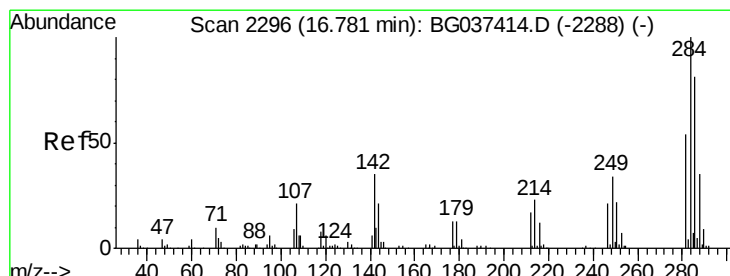
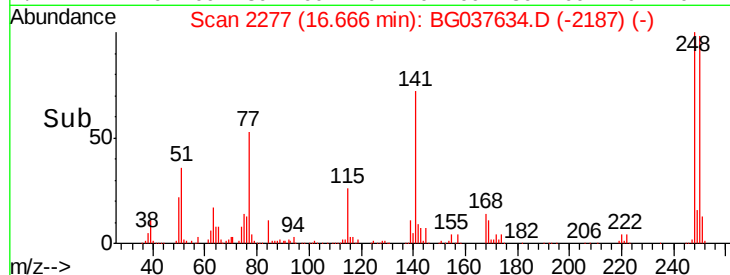
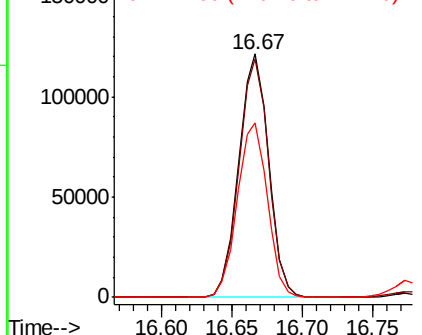
#67
 4-Bromophenyl-phenylether
 Concen: 42.541 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.0	115.6
141	71.7	55.5	83.3

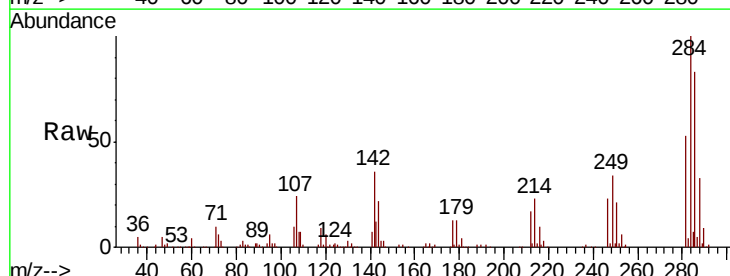


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

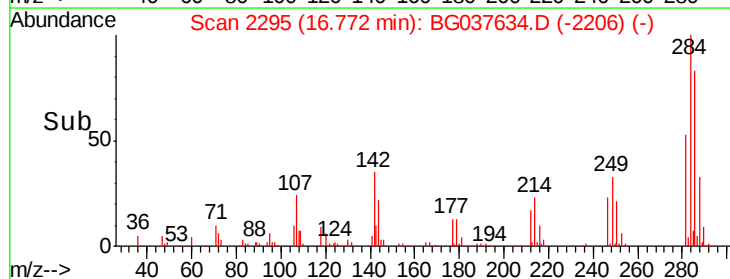
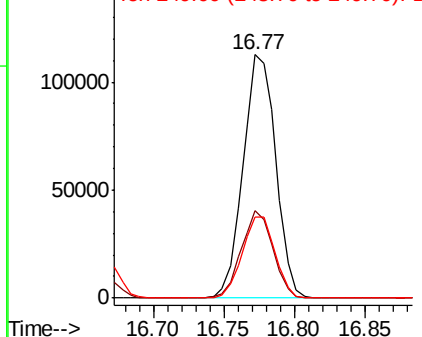


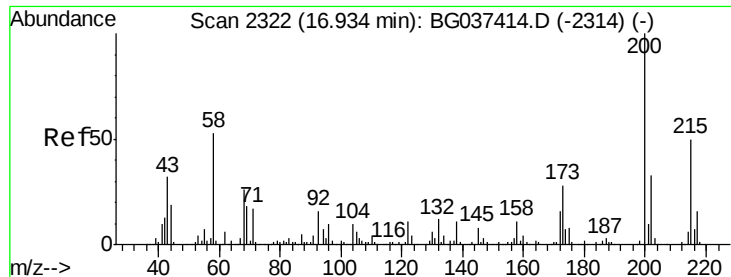
#68
 Hexachlorobenzene
 Concen: 41.757 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.1	42.1
249	33.5	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

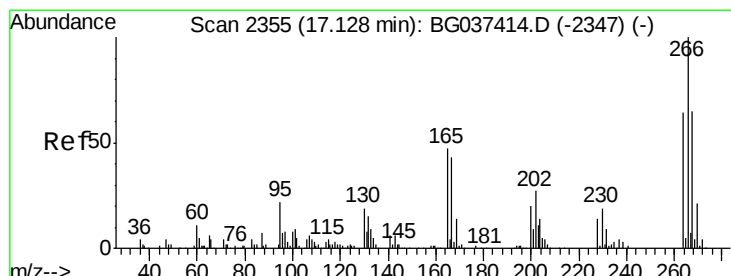
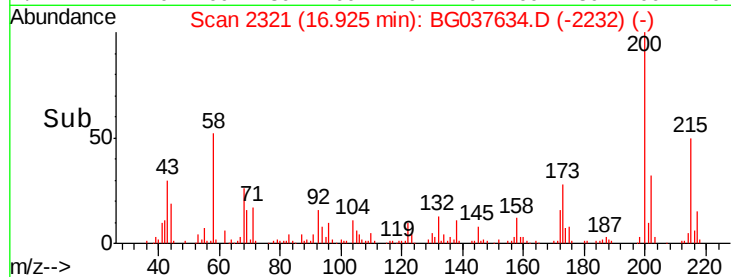
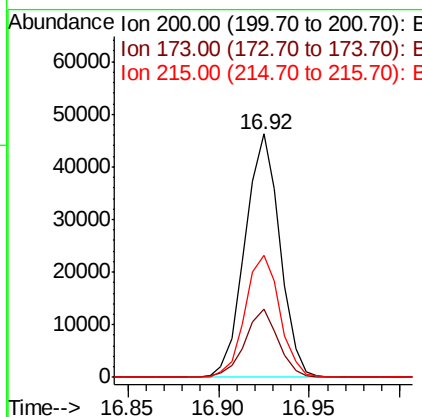
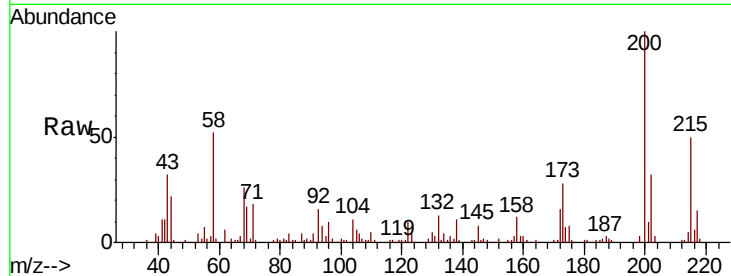




#69
 Atrazine
 Concen: 14.801 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

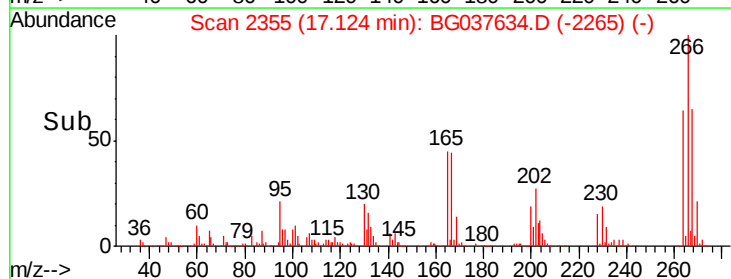
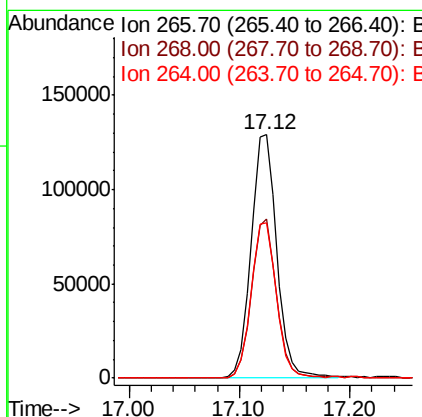
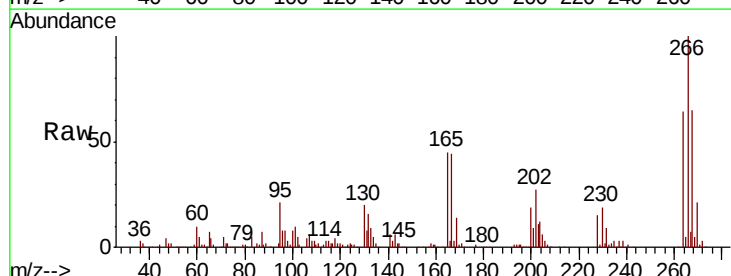
Instrument :
 BNA_G
 ClientSampleId :

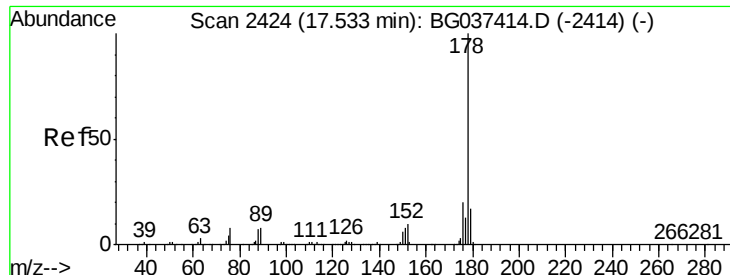
Tot Ion:200 Resp: 61692
 Ion Ratio Lower Upper
 200 100
 173 28.0 6.1 46.1
 215 50.3 30.8 70.8



#70
 Pentachlorophenol
 Concen: 72.516 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion:266 Resp: 211872
 Ion Ratio Lower Upper
 266 100
 268 70.2 55.0 82.6
 264 69.1 58.9 88.3

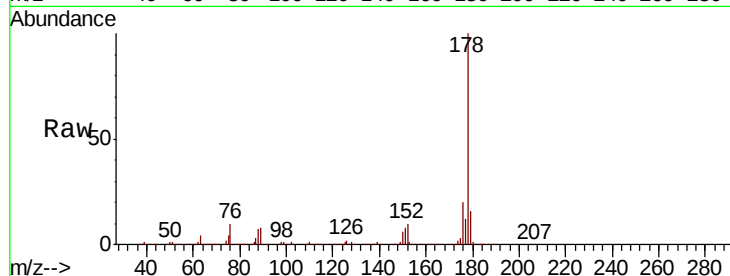




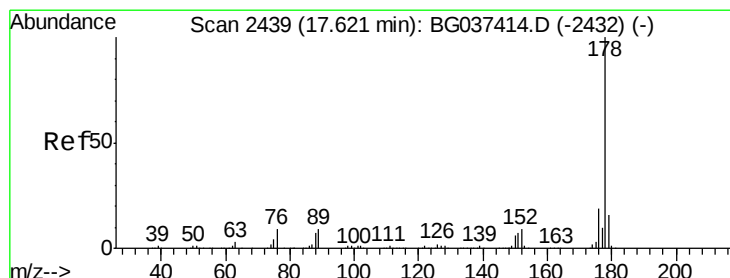
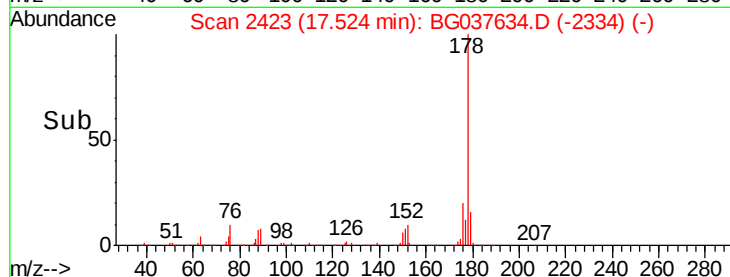
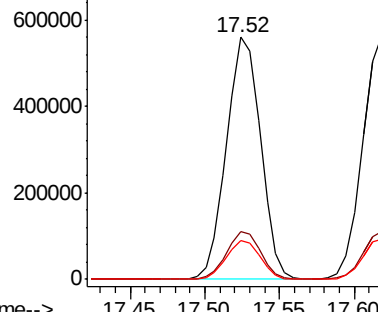
#71
Phenanthrene
Concen: 45.362 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 883553
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.0 13.0 19.4

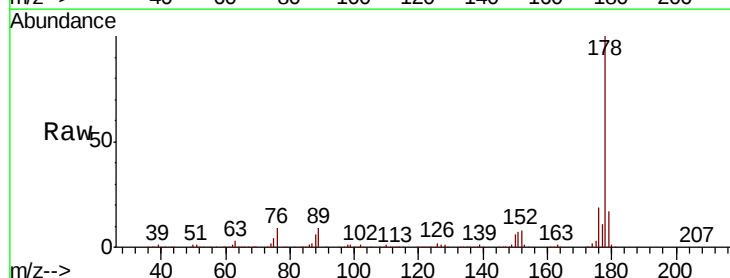


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

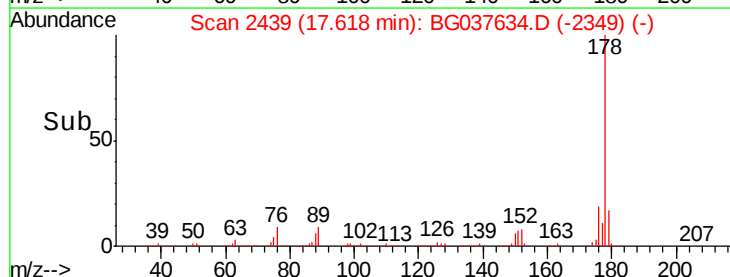
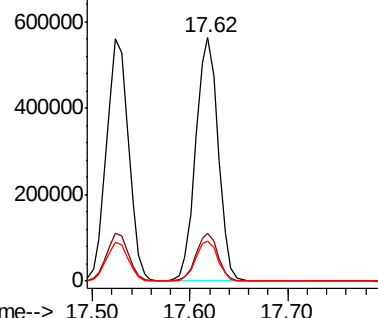


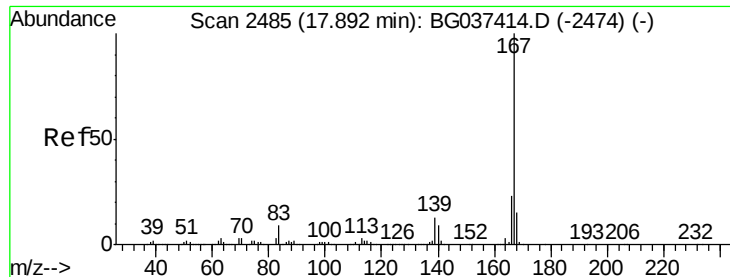
#72
Anthracene
Concen: 46.815 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion:178 Resp: 894855
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 16.7 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

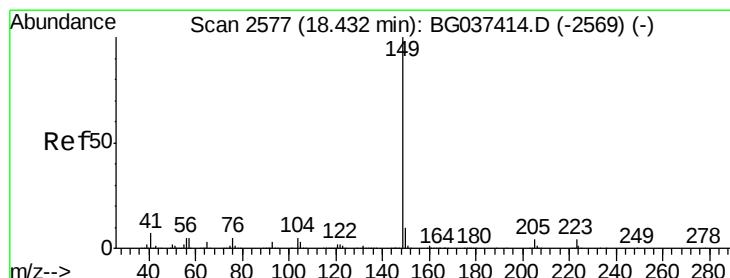
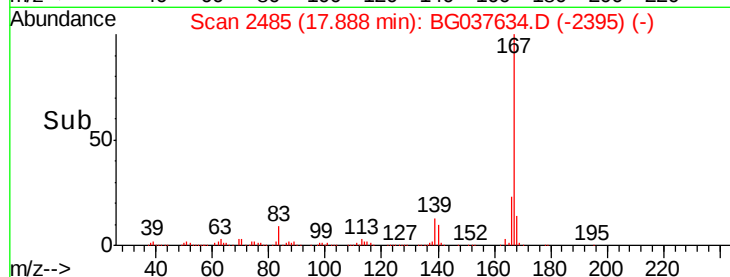
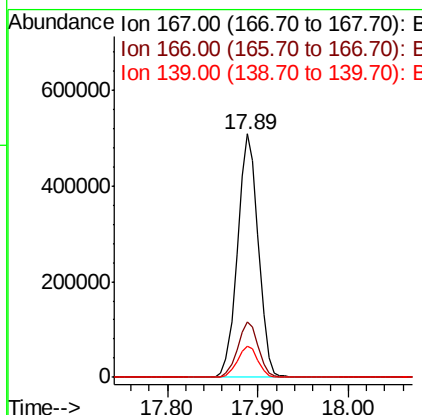
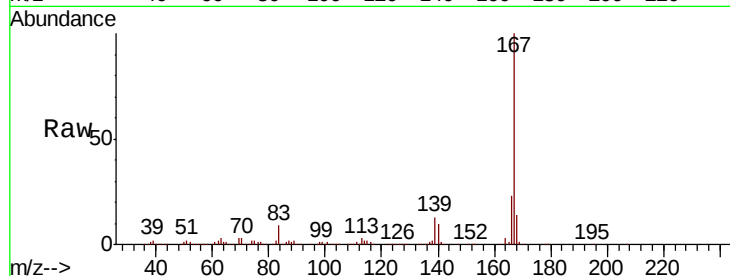




#73
 Carbazole
 Concen: 42.501 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

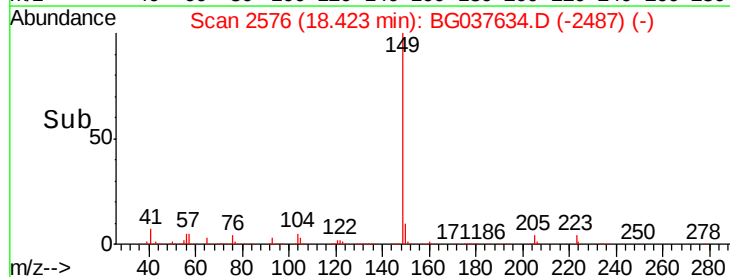
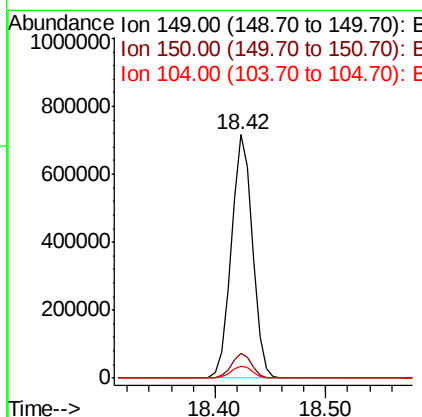
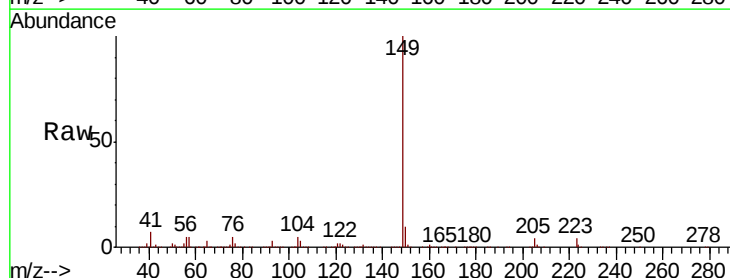
Instrument :
 BNA_G
 ClientSampleId :

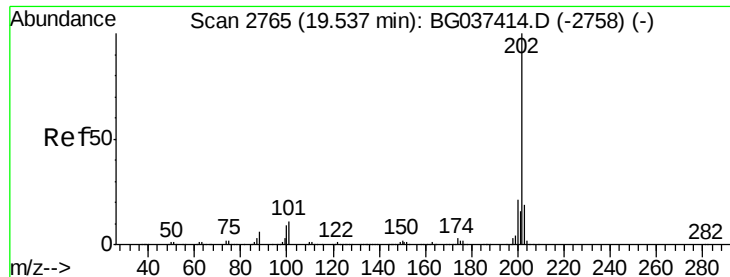
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.3	27.5
139	12.7	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 45.279 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 45.237 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampleId :

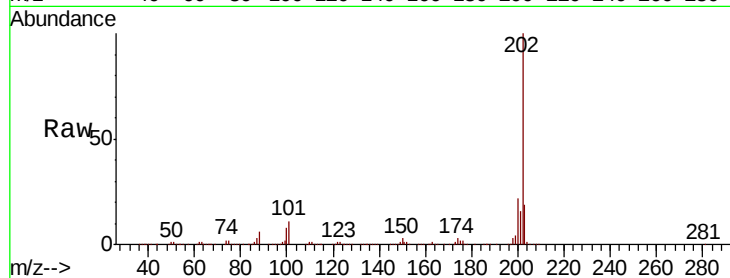
Tot Ion:202 Resp: 999335

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

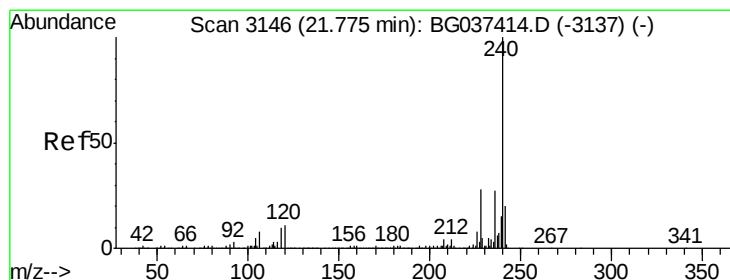
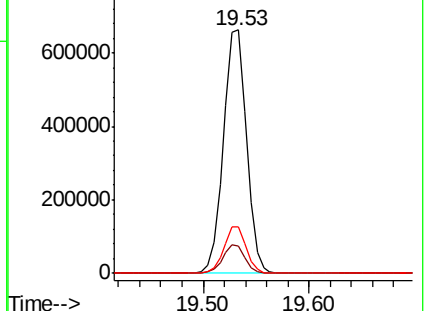
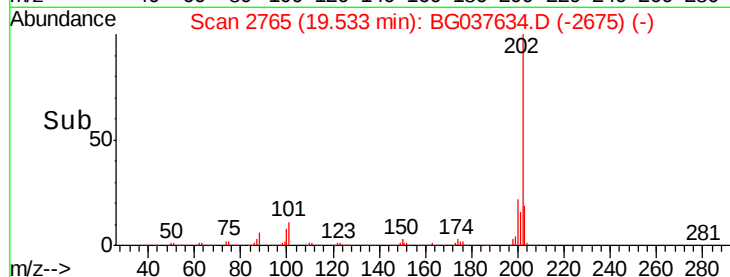
203 19.0 0.0 38.5



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# 3145

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

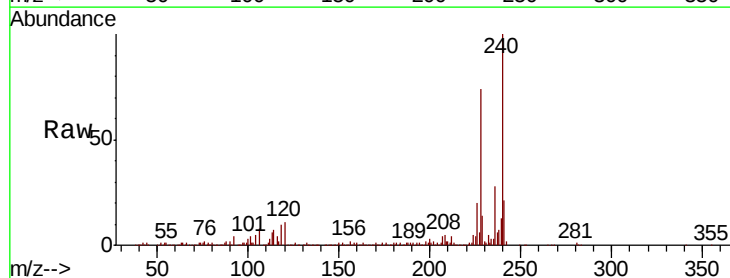
Tgt Ion:240 Resp: 331509

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

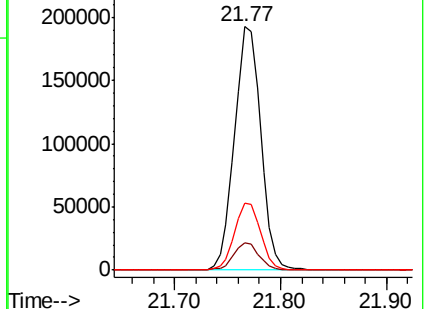
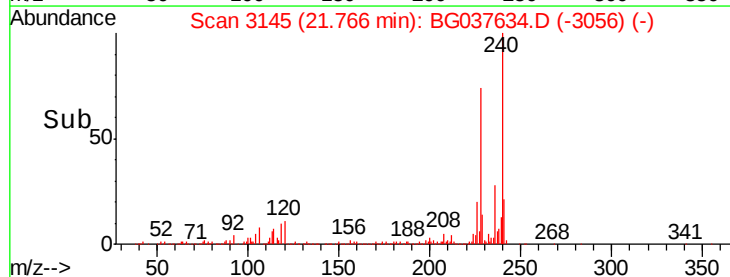
236 27.5 21.4 32.0

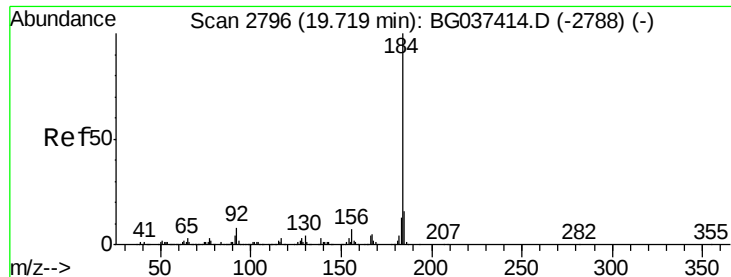


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.877 ng

RT: 20.08 min Scan# 2858

Delta R.T. 0.36 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampleId :

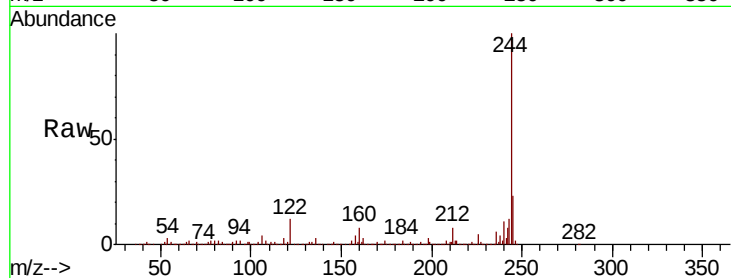
Tot Ion:184 Resp: 21158

Ion Ratio Lower Upper

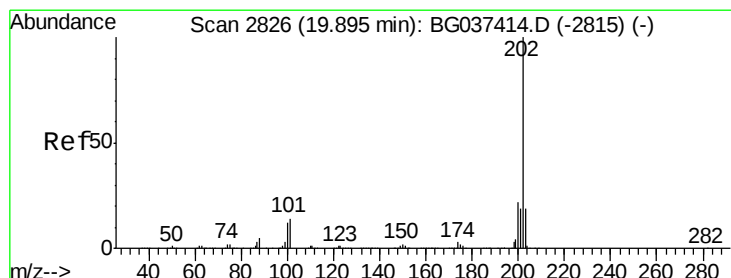
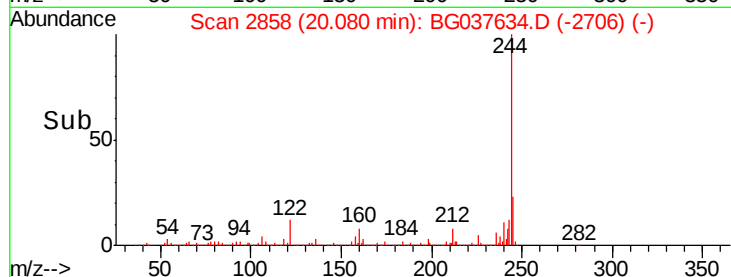
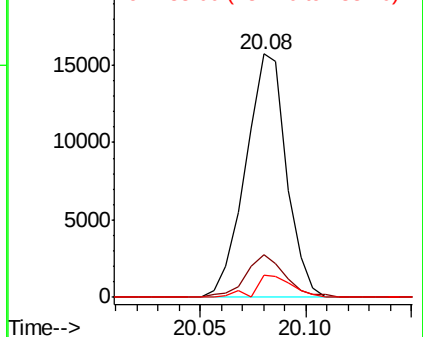
184 100

185 17.3 12.6 18.8

183 8.9 10.2 15.2#



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



#78

Pyrene

Concen: 46.229 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

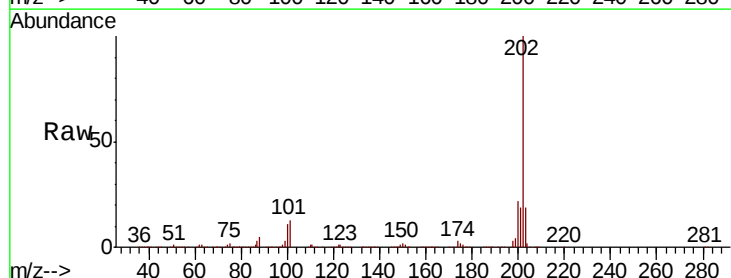
Tgt Ion:202 Resp: 1001847

Ion Ratio Lower Upper

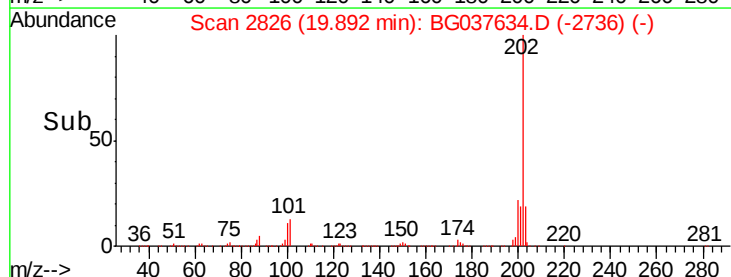
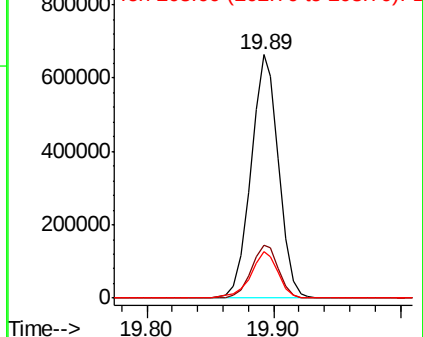
202 100

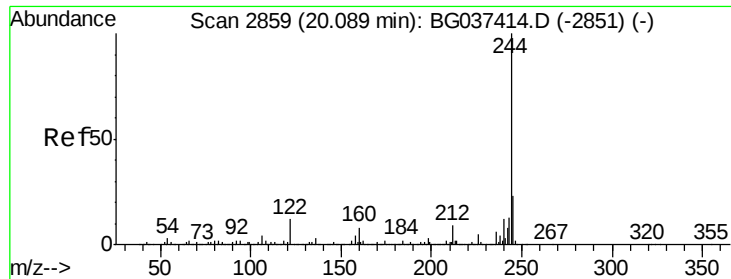
200 21.7 17.8 26.6

203 19.2 15.2 22.8



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





#79

Terphenyl-d14

Concen: 84.758 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

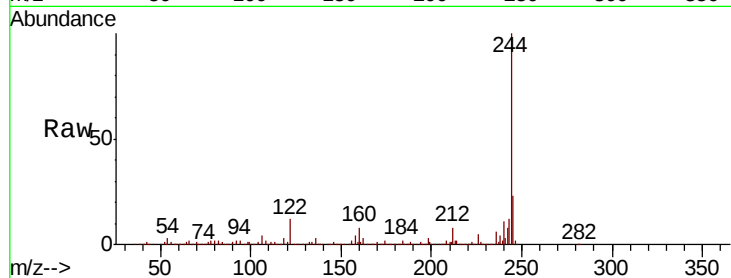
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1314976

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.7	9.0	13.4

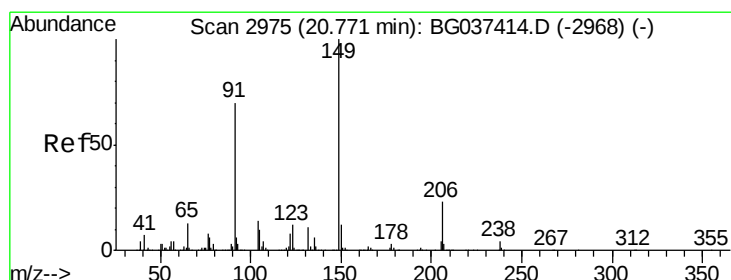
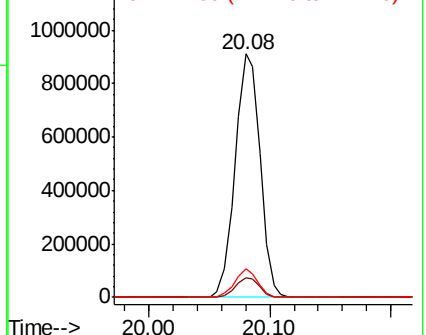
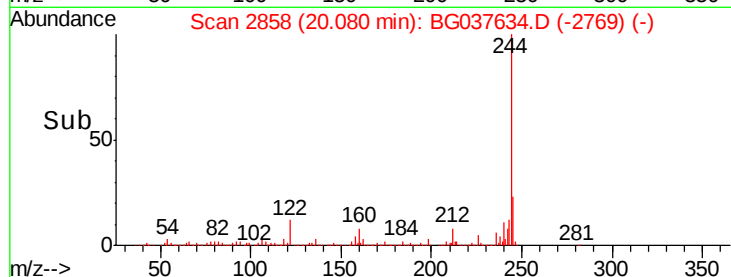


Abundance

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: 48.507 ng

RT: 20.76 min Scan# 2974

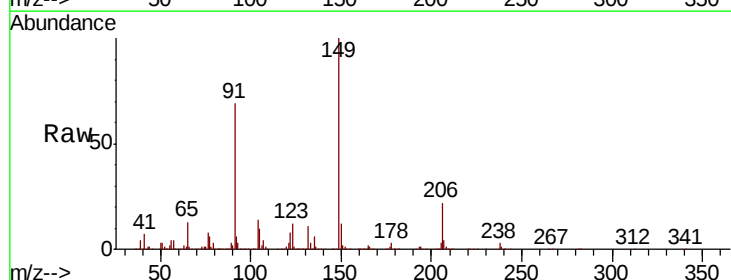
Delta R.T. -0.01 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Tgt Ion:149 Resp: 430219

Ion	Ratio	Lower	Upper
149	100		
91	69.1	57.0	85.4
206	22.3	17.8	26.6

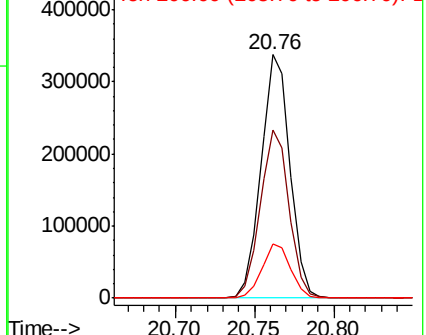
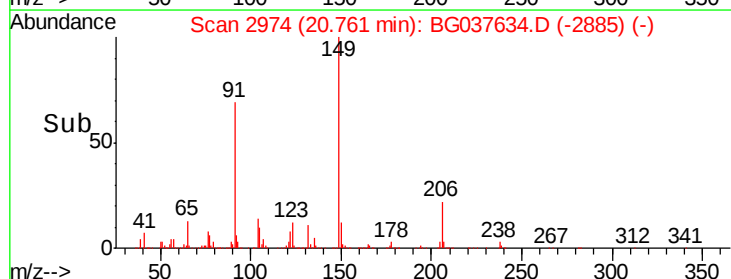


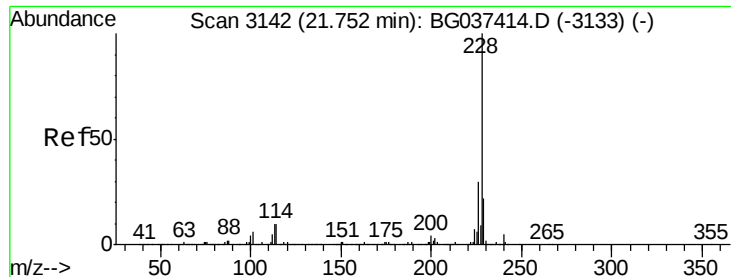
Abundance

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

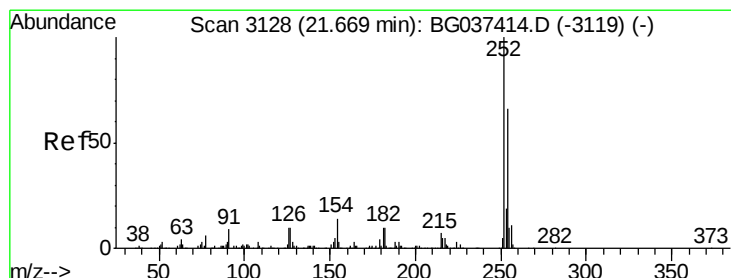
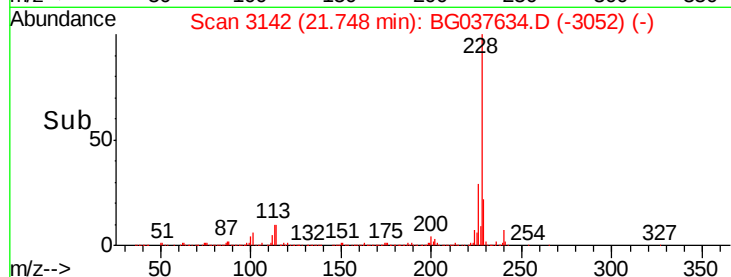
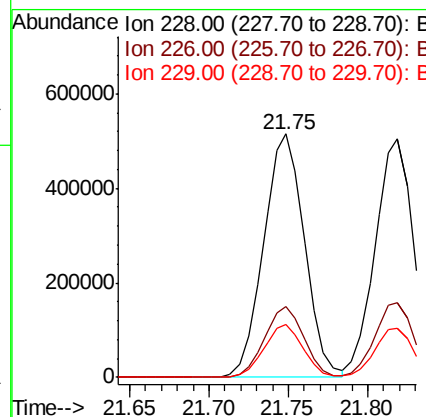
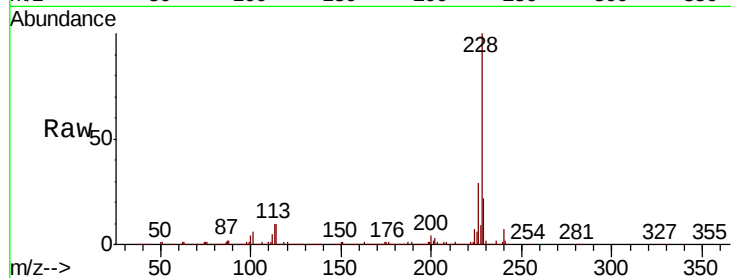




#81
Benzo(a)anthracene
Concen: 47.065 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

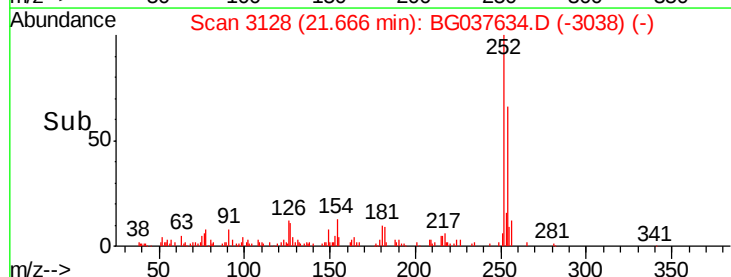
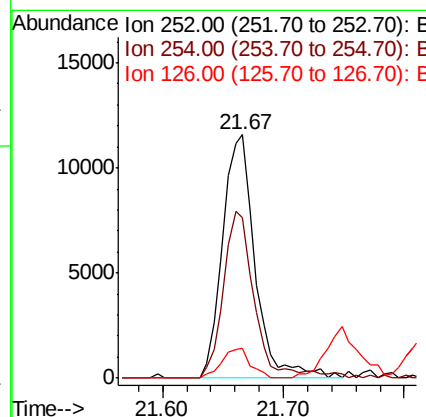
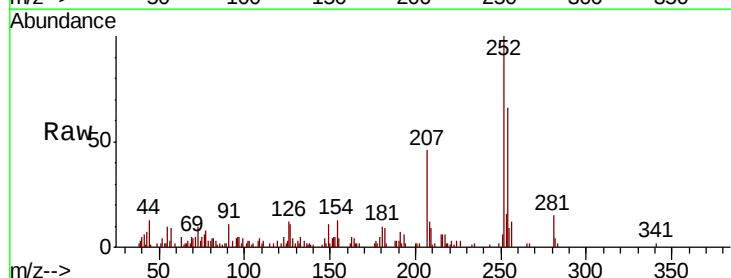
Instrument :
BNA_G
ClientSampleId :

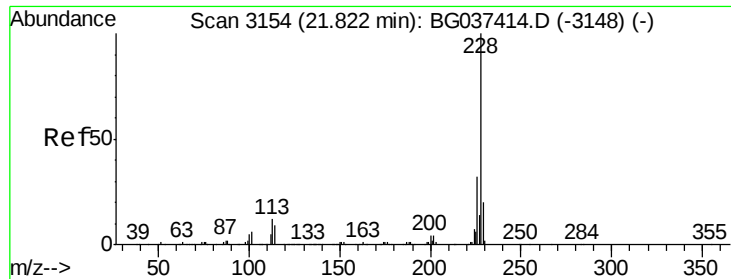
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.7	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 2.826 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.0	78.0
126	12.3	8.2	12.4

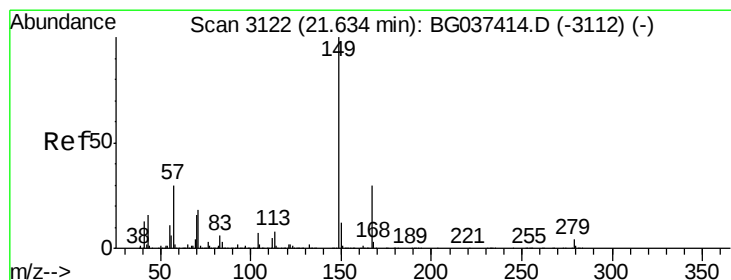
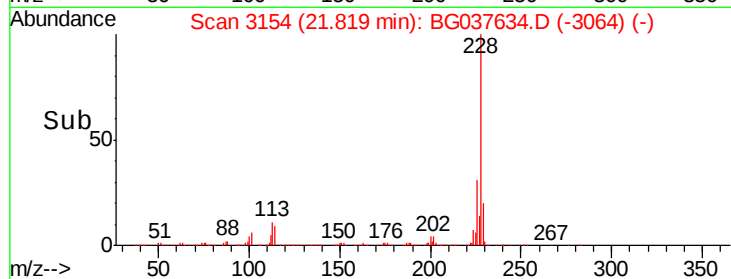
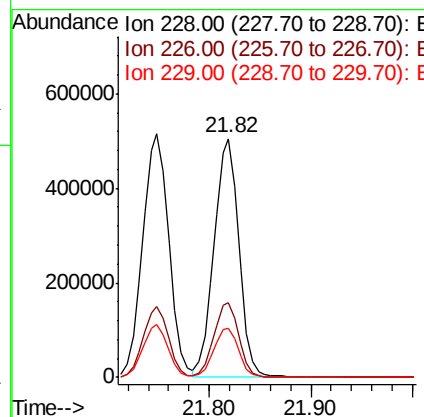
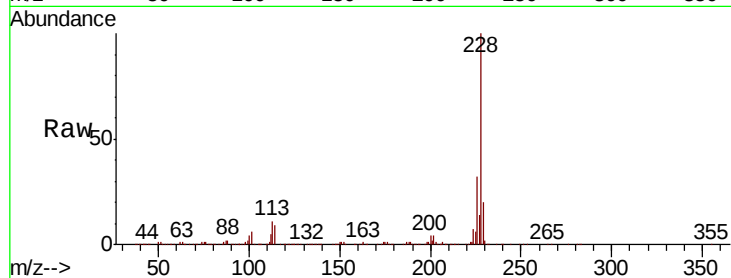




#83
 Chrysene
 Concen: 45.337 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

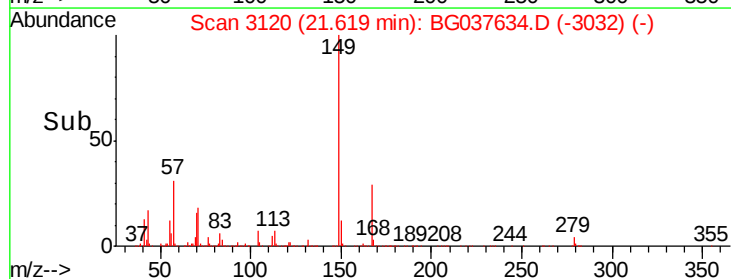
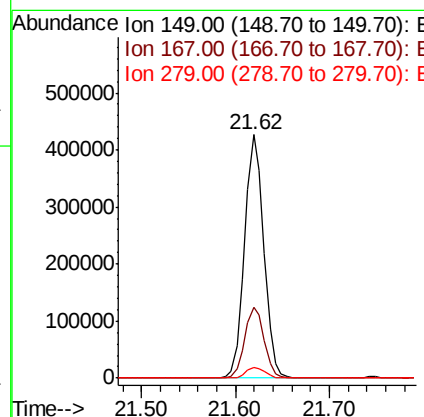
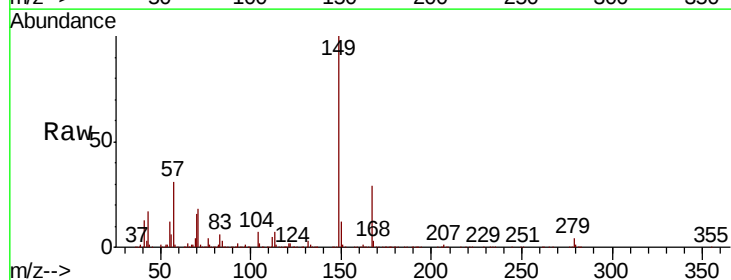
Instrument :
 BNA_G
 ClientSampleId :

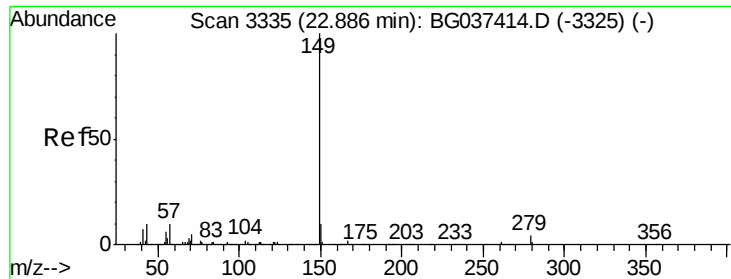
Tot Ion:	228	Resp:	854823
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.7	38.5
229	20.5	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.497 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG037634.D
 Acq: 29 Oct 2018 22:24

Tgt Ion:	149	Resp:	602920
Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.0	34.4
279	4.2	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 49.933 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

Instrument :

BNA_G

ClientSampleId :

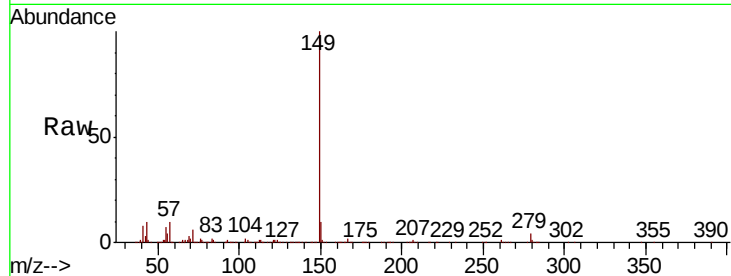
Tot Ion:149 Resp: 1012257

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

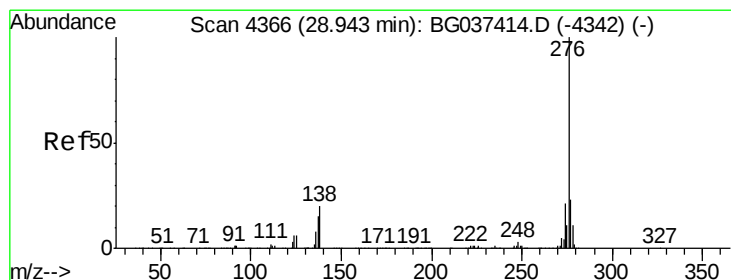
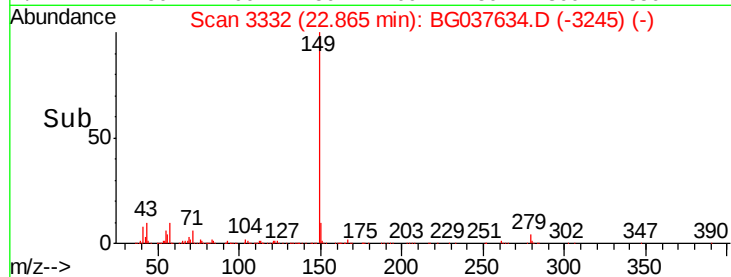
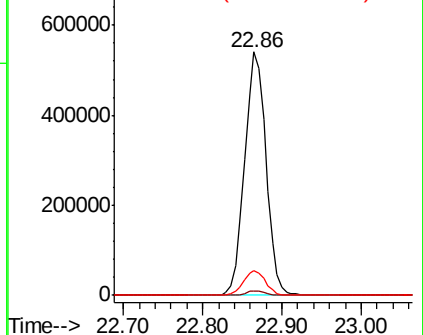
43 10.2 8.7 13.1



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: 46.283 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.02 min

Lab File: BG037634.D

Acq: 29 Oct 2018 22:24

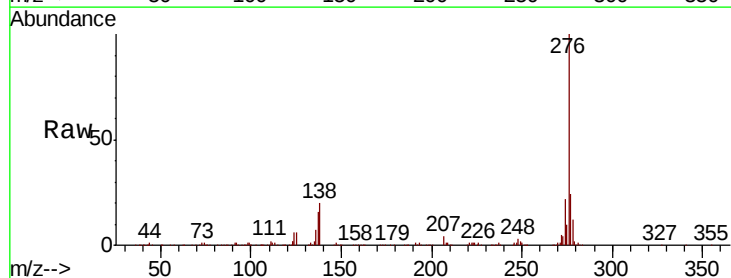
Tgt Ion:276 Resp: 935991

Ion Ratio Lower Upper

276 100

138 13.9 12.0 18.0

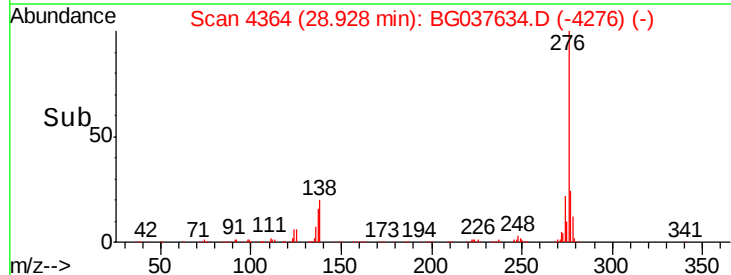
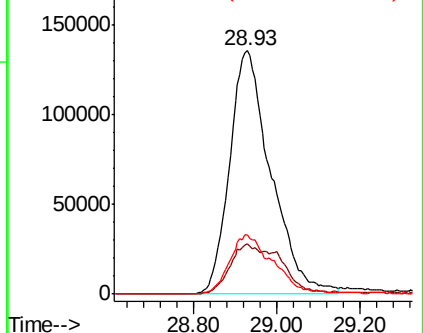
277 25.0 20.6 30.8

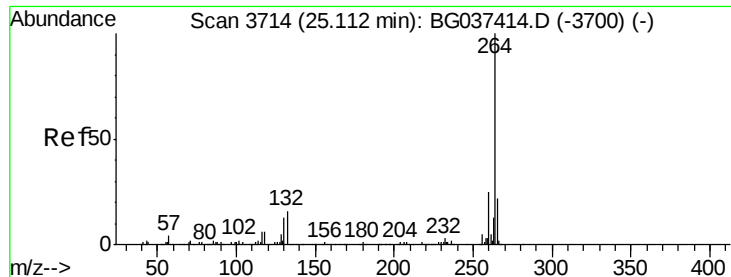


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



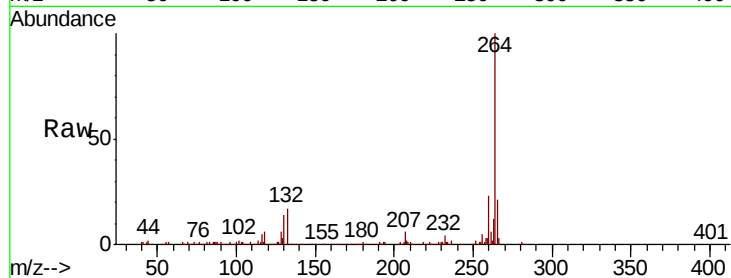


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

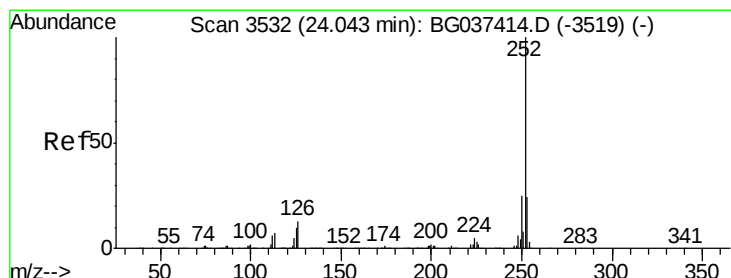
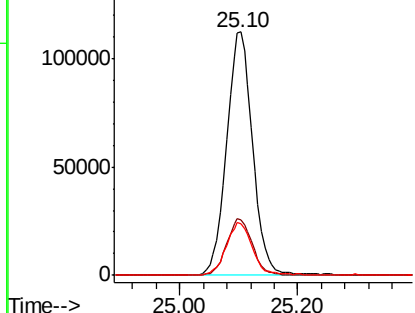
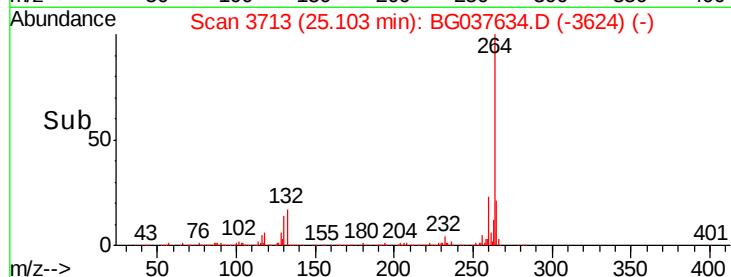
Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 345599

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.0	17.9	26.9



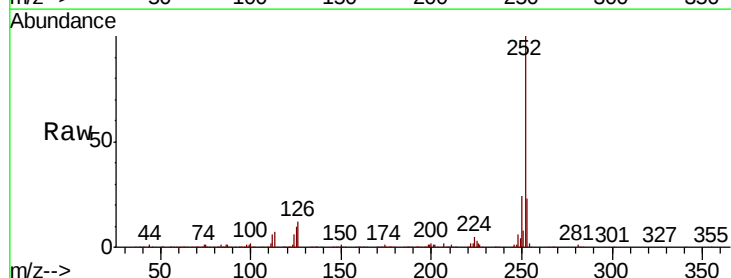
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



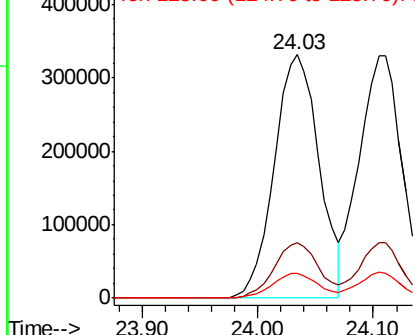
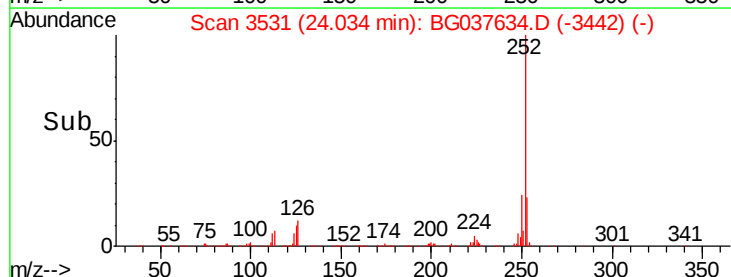
#88
Benzo(b)fluoranthene
Concen: 47.093 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

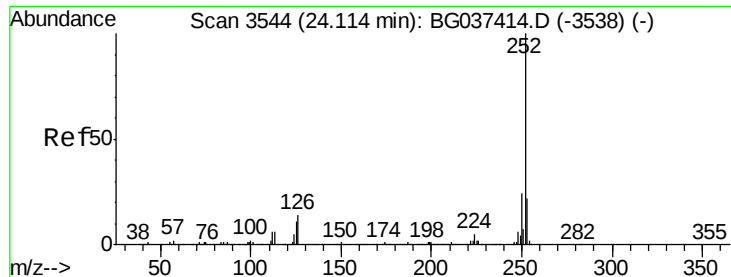
Tgt Ion:252 Resp: 892273

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.1	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

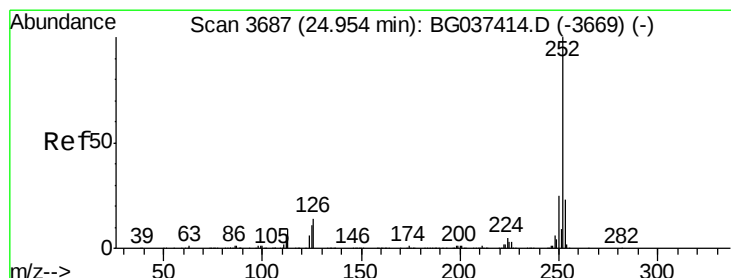
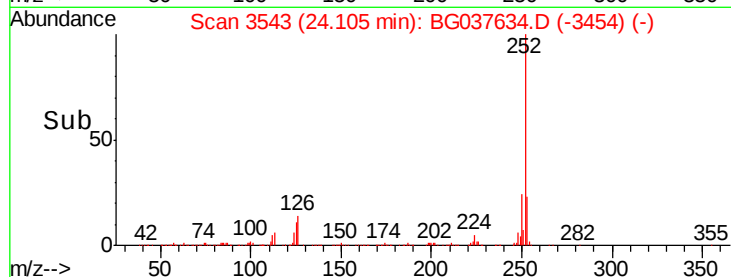
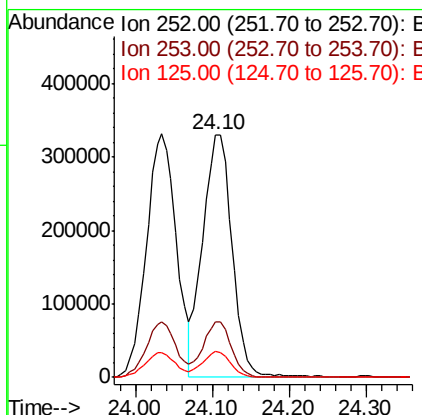
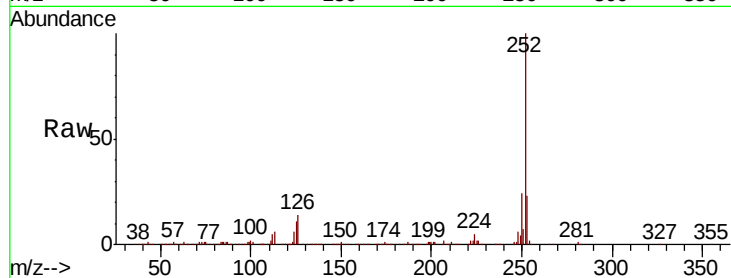




#89
Benzo(k)fluoranthene
Concen: 46.450 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

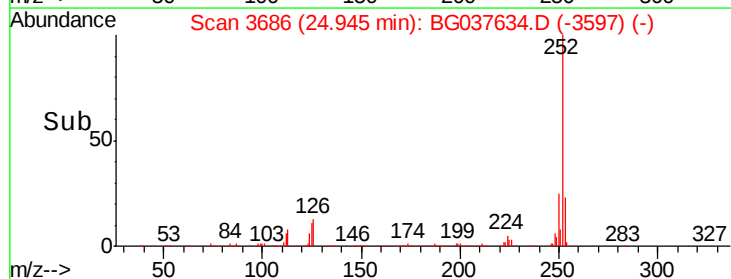
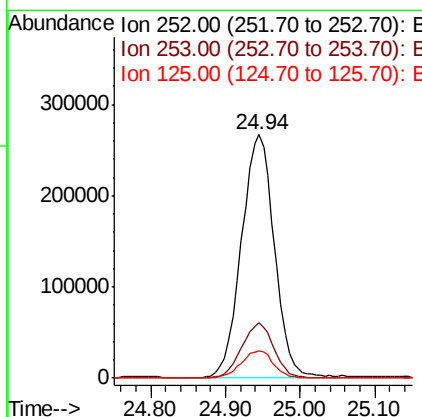
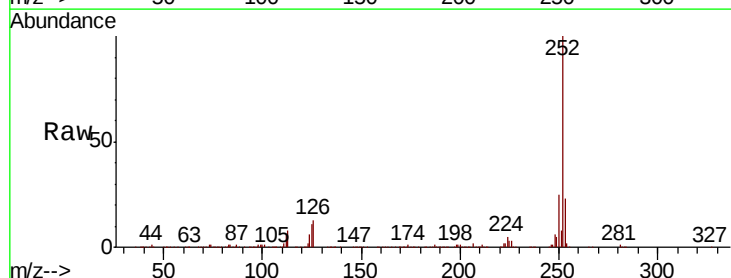
Instrument :
BNA_G
ClientSampleId :

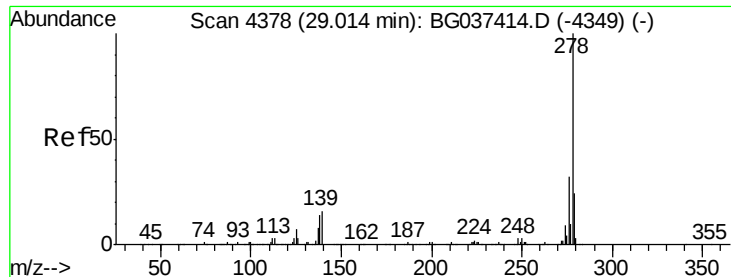
Tot Ion:252 Resp: 862242
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.427 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion:252 Resp: 817876
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.2 9.0 13.6

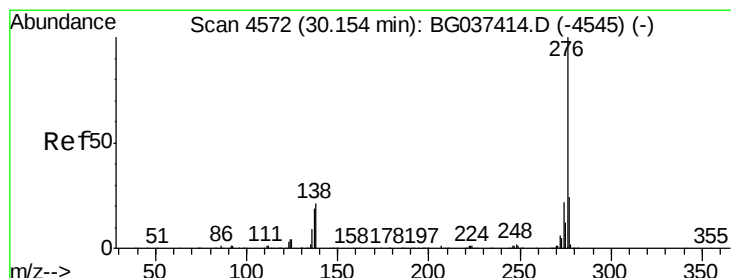
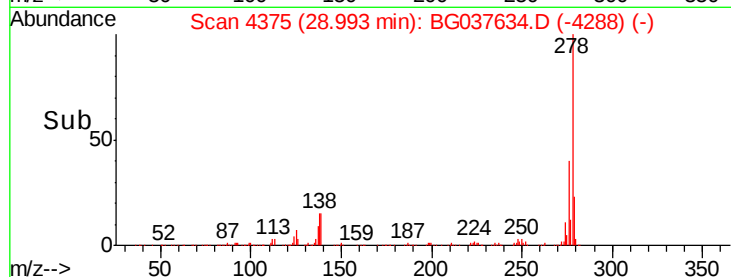
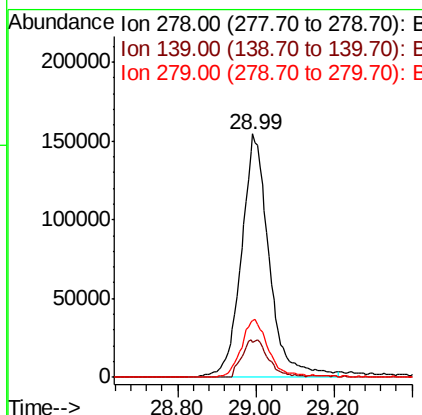
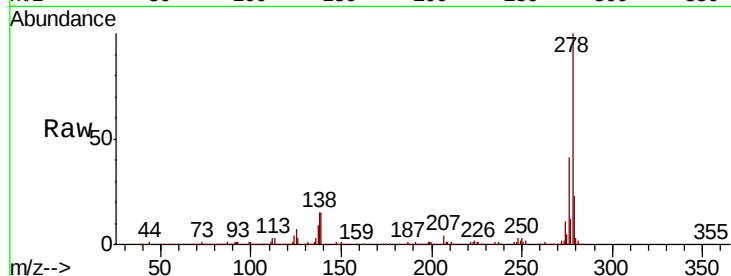




#91
Dibenzo(a,h)anthracene
Concen: 46.247 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.5	17.3
279	23.3	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 45.670 ng
RT: 30.13 min Scan# 4569
Delta R.T. -0.02 min
Lab File: BG037634.D
Acq: 29 Oct 2018 22:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.9	28.3
138	22.3	17.2	25.8

