

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032535.D
 Acq On : 5 Feb 2018 15:53
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 03:18:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	20472	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	84207	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	61107	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	159855	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	187311	20.00	ng	-0.01
86) Perylene-d12	26.08	264	242005	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	81045	79.52	ng	0.00
7) Phenol-d6	7.82	99	100475	73.87	ng	0.00
23) Nitrobenzene-d5	9.91	82	103214	76.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	100330	86.26	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	387946	75.46	ng	-0.02
78) Terphenyl-d14	20.62	244	741534	84.80	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.82	88	12523	36.518	ng	# 74
3) Pyridine	4.27	79	34588	37.354	ng	# 79
4) n-Nitrosodimethylamine	4.18	42	16350	33.920	ng	# 72
6) Aniline	8.01	93	65213	38.456	ng	98
8) 2-Chlorophenol	8.26	128	49015	40.683	ng	83
9) Benzaldehyde	7.81	77	23916	34.045	ng	81
10) Phenol	7.86	94	49873	38.613	ng	92
11) bis(2-Chloroethyl)ether	8.09	93	38682	39.306	ng	# 75
12) 1,3-Dichlorobenzene	8.59	146	66196	40.628	ng	98
13) 1,4-Dichlorobenzene	8.75	146	64738	39.642	ng	91
14) 1,2-Dichlorobenzene	9.08	146	65238	40.780	ng	94
15) Benzyl Alcohol	8.95	79	41121	36.685	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	9.23	45	35244	37.793	ng	65
17) 2-Methylphenol	9.15	107	38195	36.410	ng	94
18) Hexachloroethane	9.83	117	22396	40.847	ng	# 76
19) n-Nitroso-di-n-propylamine	9.52	70	33056	36.656	ng	# 91
20) 3+4-Methylphenols	9.49	107	56098	38.124	ng	92
22) Acetophenone	9.55	105	78476	39.757	ng	# 88
24) Nitrobenzene	9.95	77	50657	38.858	ng	91
25) Isophorone	10.47	82	92413	40.257	ng	# 84
26) 2-Nitrophenol	10.68	139	32692	41.485	ng	# 83
27) 2,4-Dimethylphenol	10.72	122	43197	38.190	ng	97
28) bis(2-Chloroethoxy)methane	10.95	93	50818	40.370	ng	# 94
29) 2,4-Dichlorophenol	11.22	162	56240	37.533	ng	84
30) 1,2,4-Trichlorobenzene	11.44	180	78792	39.454	ng	92
31) Naphthalene	11.64	128	172776	42.010	ng	97
32) Benzoic acid	10.84	122	30820	38.267	ng	# 75
33) 4-Chloroaniline	11.74	127	71085	38.752	ng	# 91
34) Hexachlorobutadiene	11.91	225	61532	39.601	ng	97
35) Caprolactam	12.50	113	16725	38.882	ng	# 44
36) 4-Chloro-3-methylphenol	12.82	107	54267	38.181	ng	# 85
37) 2-Methylnaphthalene	13.21	142	136947	39.635	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	104993	36.727	ng	# 95
40) Hexachlorocyclopentadiene	13.53	237	62435	34.954	ng	94

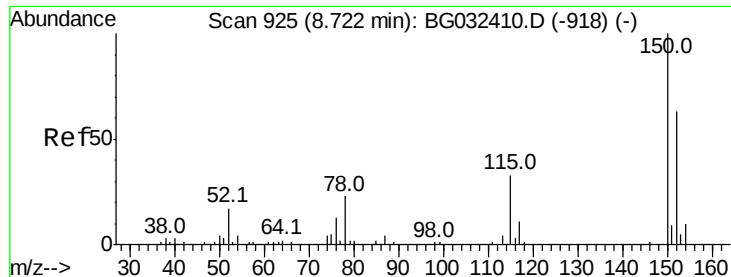
Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	58000	37.299	nq	96
43) 2,4,5-Trichlorophenol	13.87	196	68760	37.932	nq #	92
45) 1,1'-Biphenyl	14.18	154	199139	38.573	nq	94
46) 2-Chloronaphthalene	14.23	162	154216	38.112	nq	98
47) 2-Nitroaniline	14.43	65	32530	36.354	nq #	72
48) Acenaphthylene	15.07	152	236457	38.655	nq	100
49) Dimethylphthalate	14.77	163	211996	37.626	nq	99
50) 2,6-Dinitrotoluene	14.90	165	44637	37.745	nq #	78
51) Acenaphthene	15.41	154	168478	39.713	nq	98
52) 3-Nitroaniline	15.24	138	40738	39.439	nq #	66
53) 2,4-Dinitrophenol	15.44	184	25608	37.015	nq #	79
54) Dibenzofuran	15.74	168	241214	38.415	nq	99
55) 4-Nitrophenol	15.53	139	25991	33.610	nq #	74
56) 2,4-Dinitrotoluene	15.69	165	66482	39.484	nq #	69
57) Fluorene	16.38	166	205343	39.354	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.95	232	69565	38.910	nq #	84
59) Diethylphthalate	16.11	149	209552	38.187	nq	98
60) 4-Chlorophenyl-phenylether	16.36	204	126879	38.562	nq	94
61) 4-Nitroaniline	16.40	138	42889	38.739	nq	83
62) Azobenzene	16.65	77	128382	39.148	nq	88
64) 4,6-Dinitro-2-methylphenol	16.44	198	40375	33.809	nq #	78
65) n-Nitrosodiphenylamine	16.57	169	187719	39.349	nq	99
66) 4-Bromophenyl-phenylether	17.25	248	92924	39.238	nq	92
67) Hexachlorobenzene	17.38	284	107743	41.111	nq #	89
68) Atrazine	17.50	200	80414	39.266	nq	98
69) Pentachlorophenol	17.72	266	61937	37.726	nq	96
70) Phenanthrene	18.12	178	356612	40.003	nq	99
71) Anthracene	18.21	178	363777	40.983	nq	98
72) Carbazole	18.48	167	318210	40.574	nq	98
73) Di-n-butylphthalate	18.98	149	368544	42.443	nq	100
74) Fluoranthene	20.09	202	470206	40.220	nq	95
76) Benzidine	20.25	184	175824	47.804	nq	97
77) Pyrene	20.44	202	486886	42.380	nq	100
79) Butylbenzylphthalate	21.30	149	173415	47.855	nq #	76
80) Benzo(a)anthracene	22.38	228	465280	40.068	nq	99
81) 3,3'-Dichlorobenzidine	22.28	252	184296	40.963	nq #	97
82) Chrysene	22.46	228	441302	39.352	nq	97
83) Bis(2-ethylhexyl)phthalate	22.22	149	222594	43.322	nq #	98
84) Di-n-octyl phthalate	23.59	149	385745	47.332	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.33	276	680711	47.983	nq #	84
87) Benzo(b)fluoranthene	24.90	252	533127	36.459	nq #	96
88) Benzo(k)fluoranthene	24.98	252	540829	37.336	nq #	94
89) Benzo(a)pyrene	25.90	252	550955	39.522	nq #	93
90) Dibenzo(a,h)anthracene	30.41	278	573704	40.230	nq #	95
91) Benzo(g,h,i)perylene	31.68	276	557205	39.365	nq #	91

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

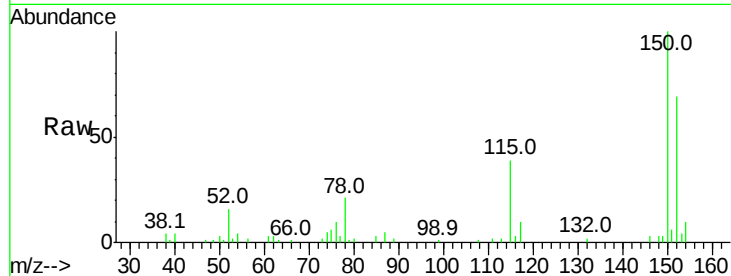


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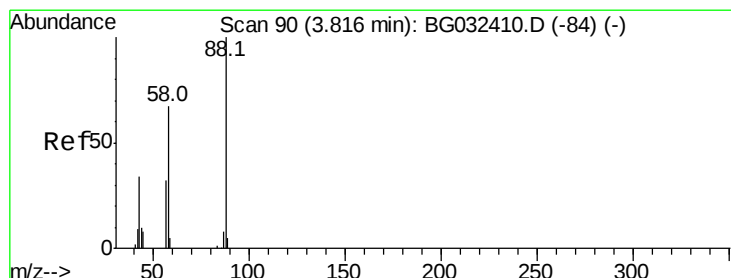
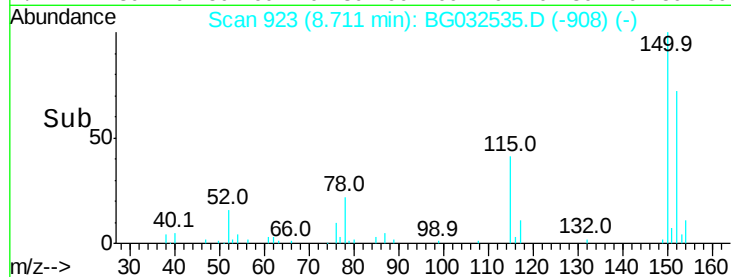
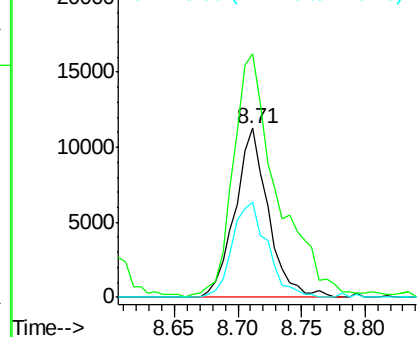
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 20472
Ion Ratio Lower Upper
152 100
150 144.2 126.6 189.8
115 56.1 53.0 79.4



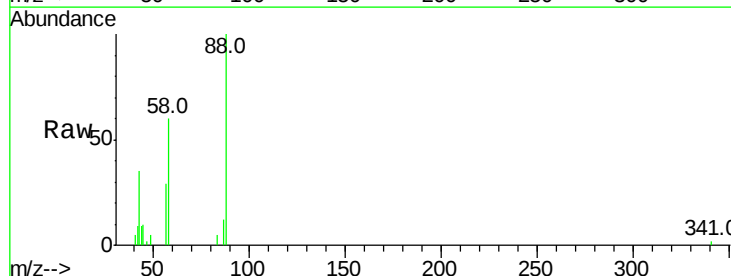
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



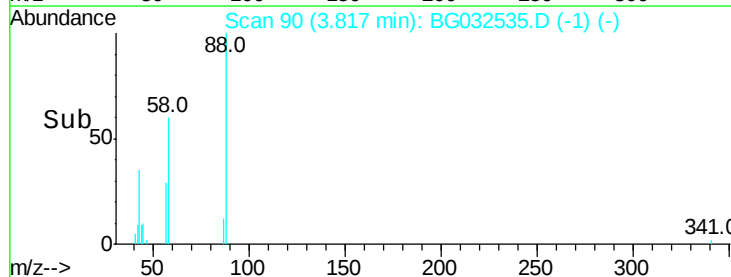
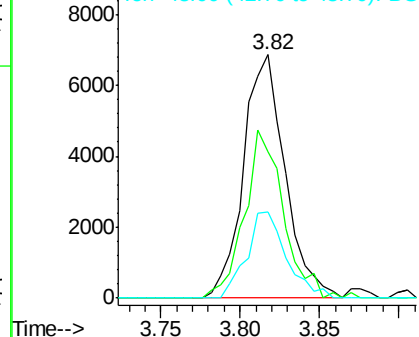
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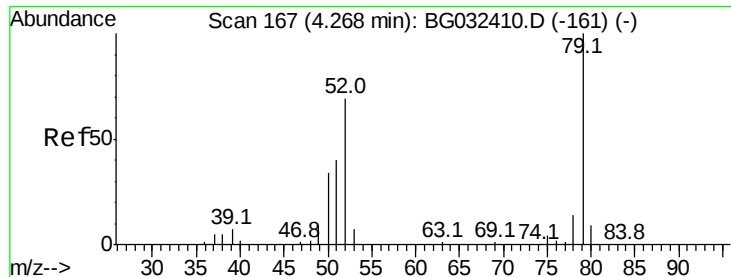
1,4-Dioxane
Concen: 36.518 ng
RT: 3.82 min Scan# 90
Delta R.T. 0.00 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion: 88 Resp: 12523
Ion Ratio Lower Upper
88 100
58 64.6 79.6 119.4#
43 33.3 27.4 41.0



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





#3

Pvridine

Concen: 37.354 ng

RT: 4.27 min Scan# 167

Delta R.T. 0.00 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

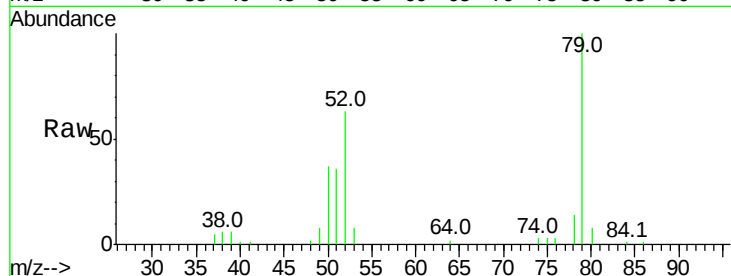
Instrument :

BNA_G

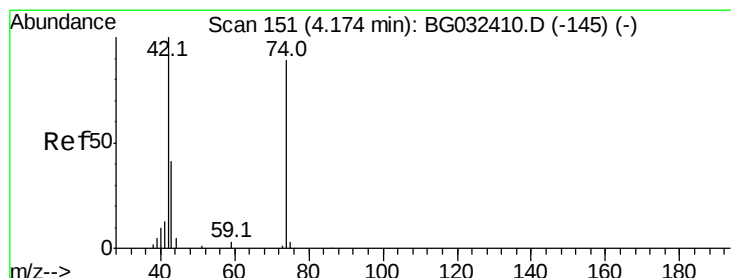
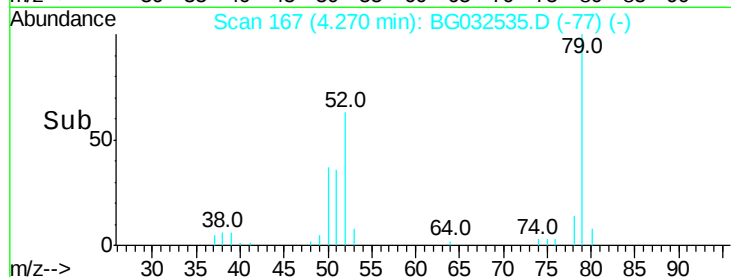
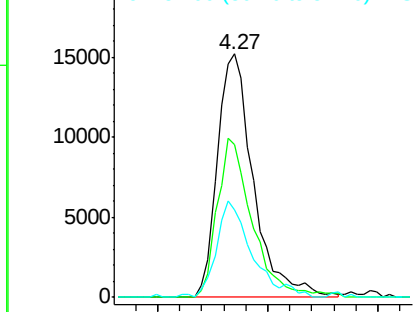
ClientSampleId :

Tot Ion: 79 Resp: 34588

Ion	Ratio	Lower	Upper
79	100		
52	62.9	69.9	104.9#
51	35.9	34.0	51.0



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: 33.920 ng

RT: 4.18 min Scan# 152

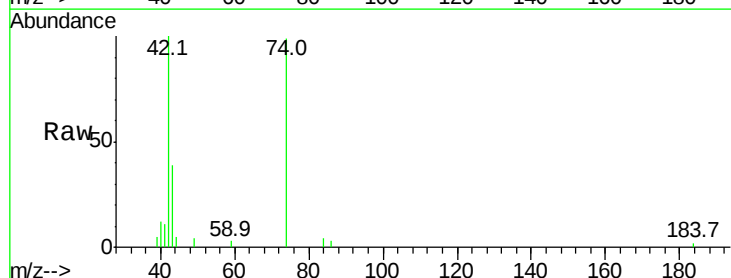
Delta R.T. 0.01 min

Lab File: BG032535.D

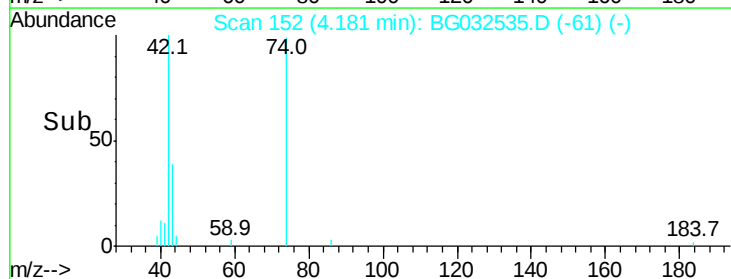
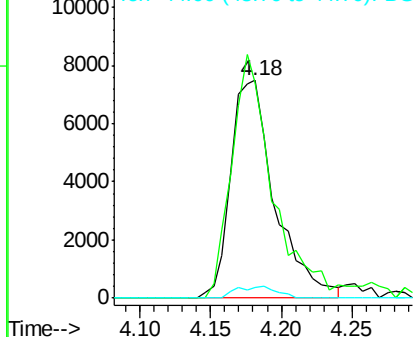
Acq: 5 Feb 2018 15:53

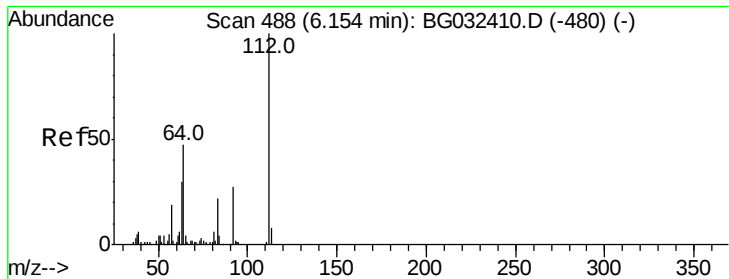
Tgt Ion: 42 Resp: 16350

Ion	Ratio	Lower	Upper
42	100		
74	98.7	102.5	153.7#
44	4.7	18.9	28.3#



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: 79.515 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampled :

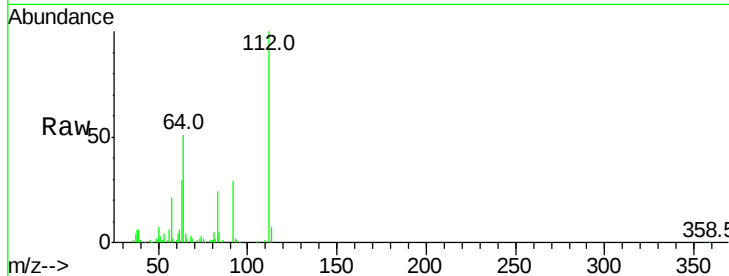
Tot Ion:112 Resp: 81045

Ion Ratio Lower Upper

112 100

64 50.7 56.3 84.5#

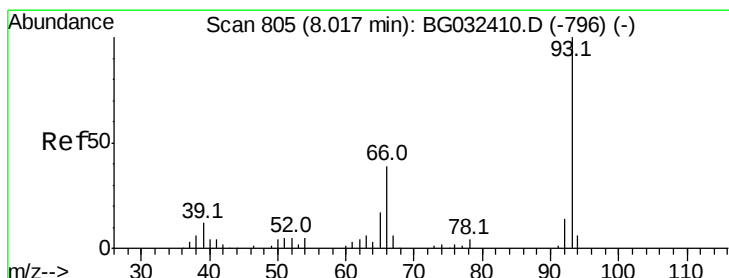
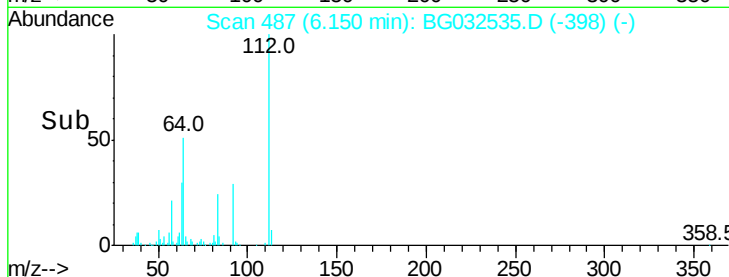
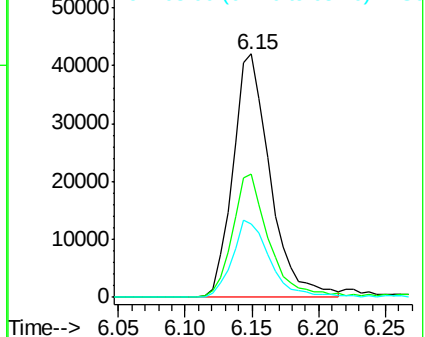
63 30.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.456 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

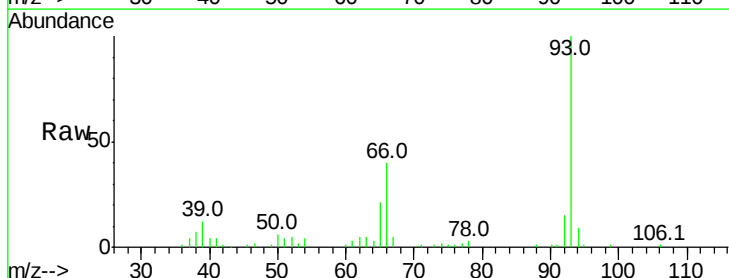
Tgt Ion: 93 Resp: 65213

Ion Ratio Lower Upper

93 100

66 40.3 33.7 50.5

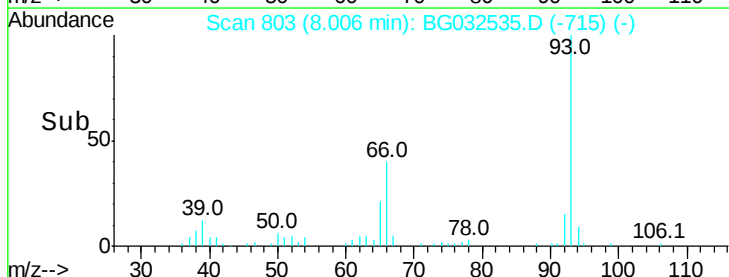
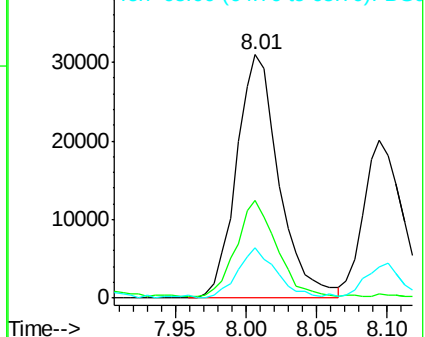
65 20.8 16.1 24.1

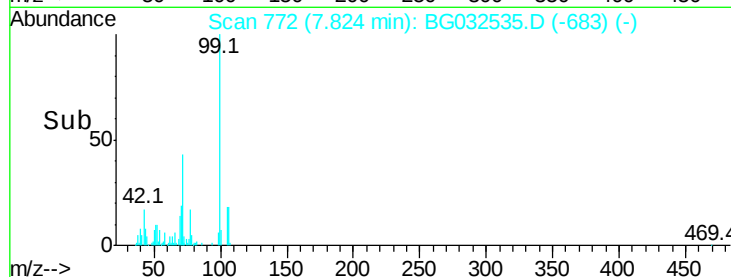
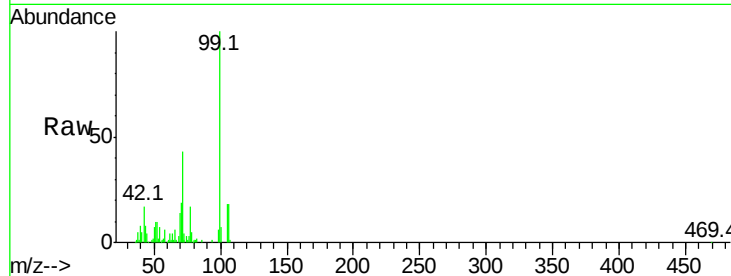
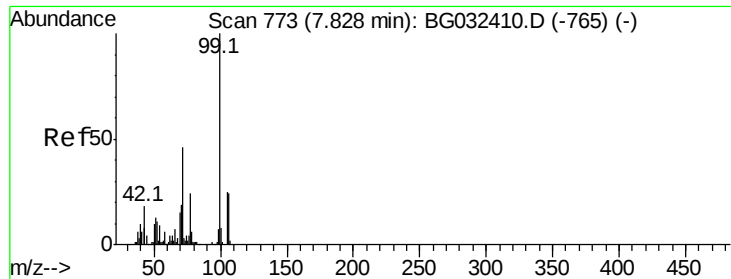


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 73.874 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

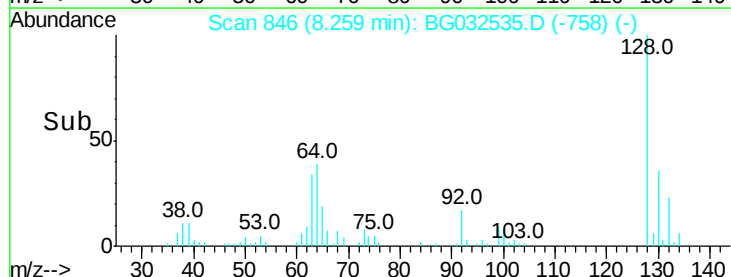
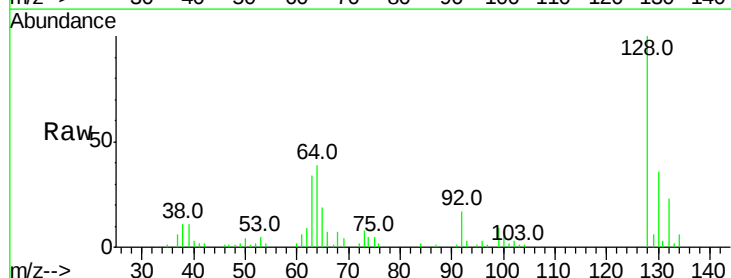
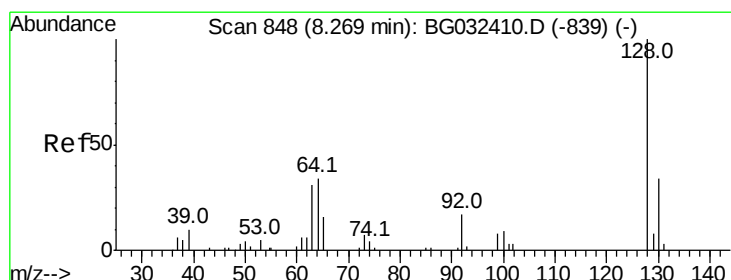
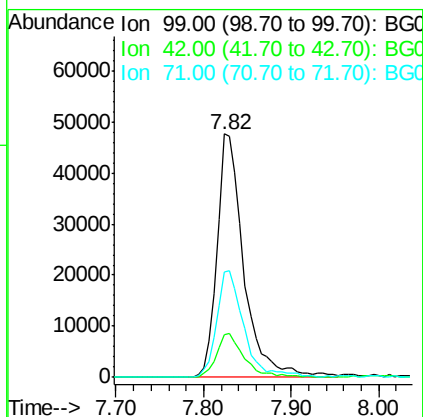
Tot Ion: 99 Resp: 100475

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

71 43.4 26.1 39.1#



#8

2-Chlorophenol

Concen: 40.683 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

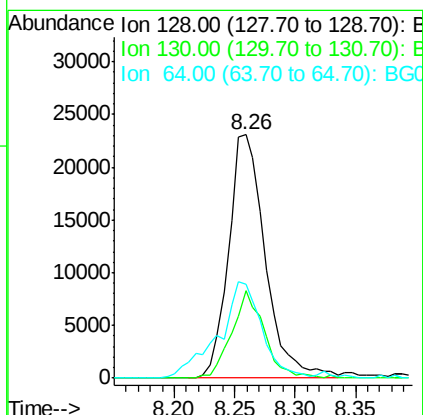
Tgt Ion: 128 Resp: 49015

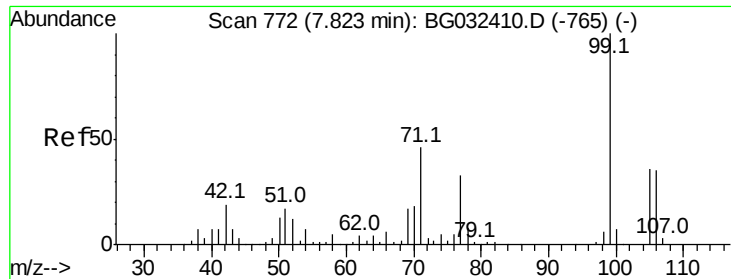
Ion Ratio Lower Upper

128 100

130 35.9 14.0 54.0

64 38.6 37.7 77.7





#9

Benzaldehyde

Concen: 34.045 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

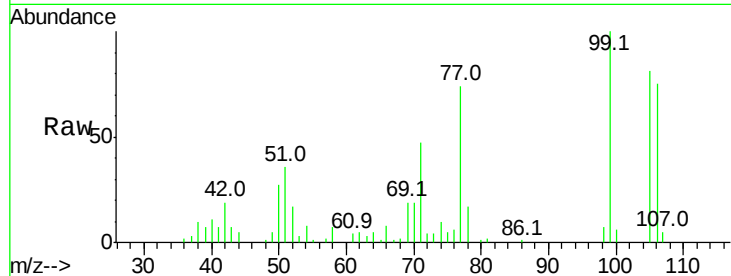
Tot Ion: 77 Resp: 23916

Ion Ratio Lower Upper

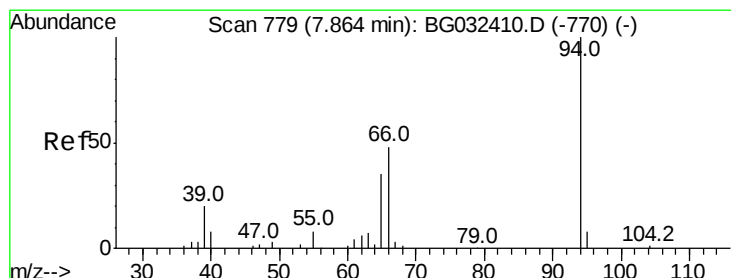
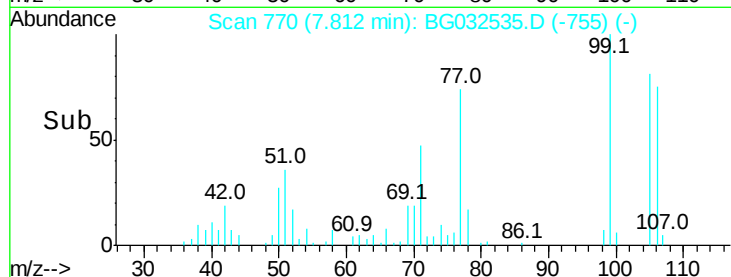
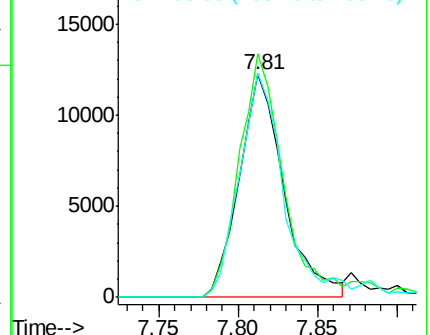
77 100

105 109.3 71.3 111.3

106 100.9 64.2 104.2



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: 38.613 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

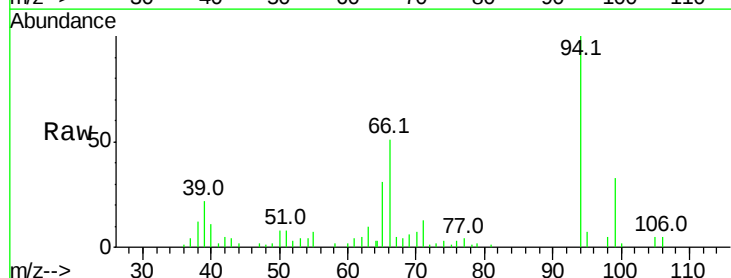
Tgt Ion: 94 Resp: 49873

Ion Ratio Lower Upper

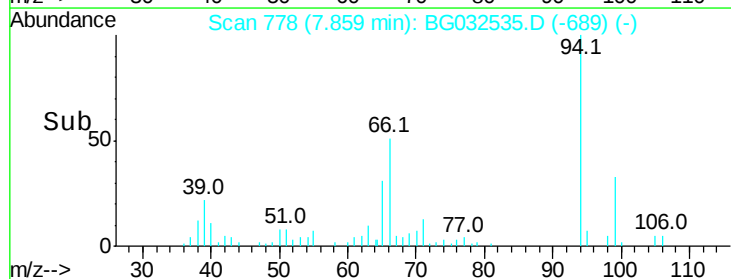
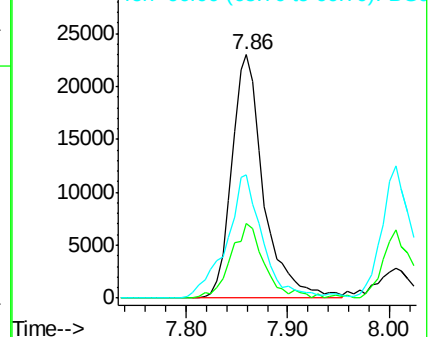
94 100

65 30.8 11.9 51.9

66 50.6 22.2 62.2



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



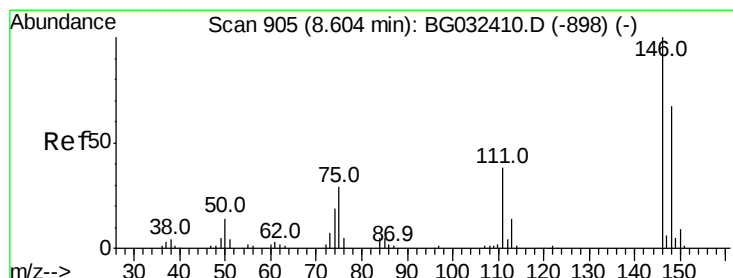
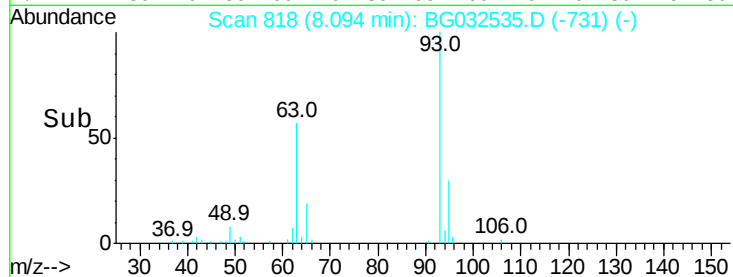
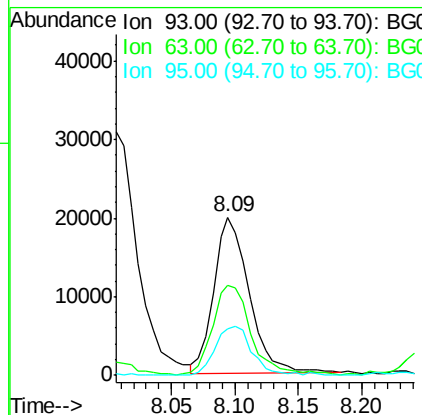
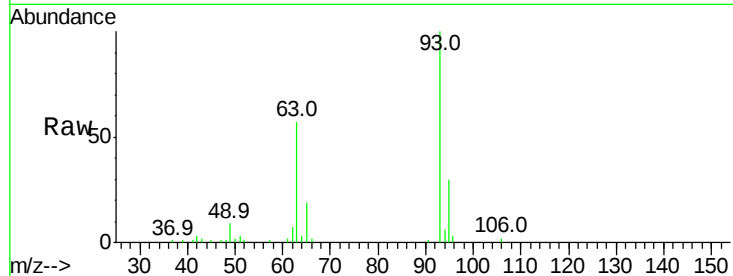


#11

bis(2-Chloroethyl)ether
Concen: 39.306 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Instrument :
BNA_G
ClientSampled :

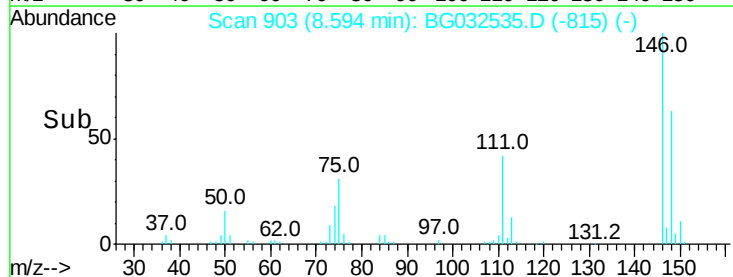
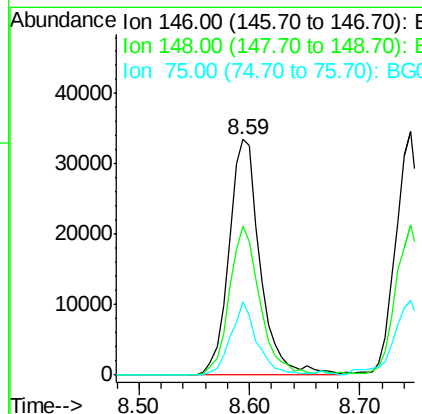
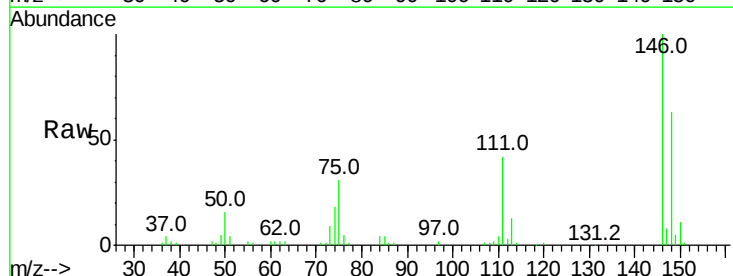
Tot Ion: 93 Resp: 38682
Ion Ratio Lower Upper
93 100
63 56.8 67.1 107.1#
95 29.7 11.5 51.5

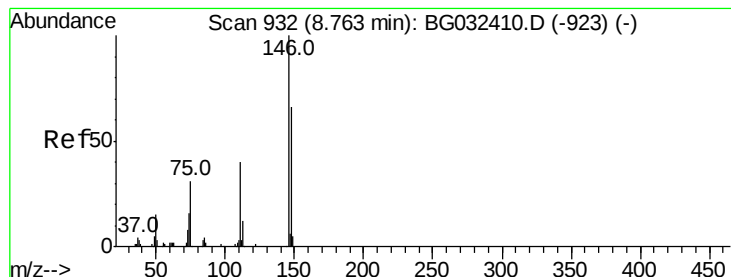


#12

1,3-Dichlorobenzene
Concen: 40.628 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion: 146 Resp: 66196
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 31.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 39.642 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

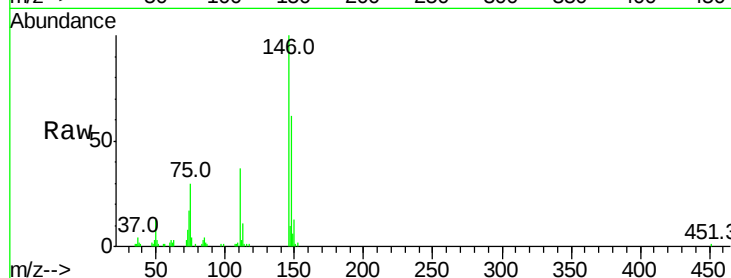
Tot Ion:146 Resp: 64738

Ion Ratio Lower Upper

146 100

148 61.6 53.7 80.5

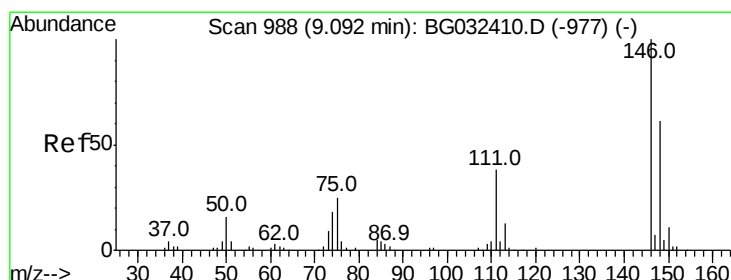
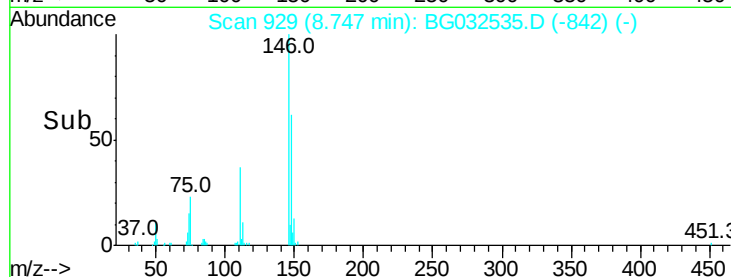
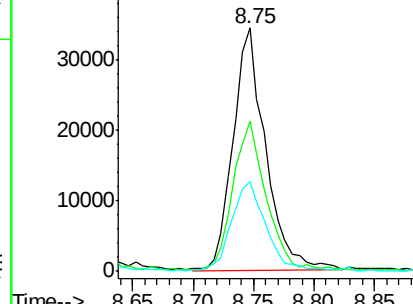
111 36.9 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 40.780 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

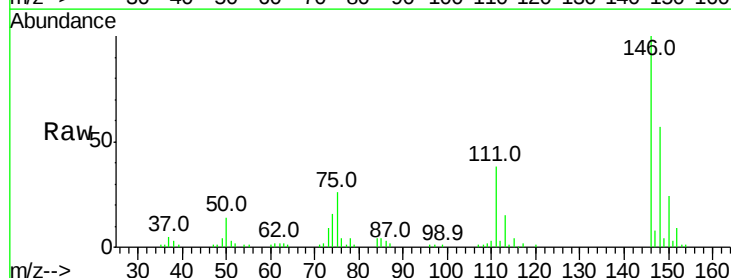
Tgt Ion:146 Resp: 65238

Ion Ratio Lower Upper

146 100

148 57.4 49.3 73.9

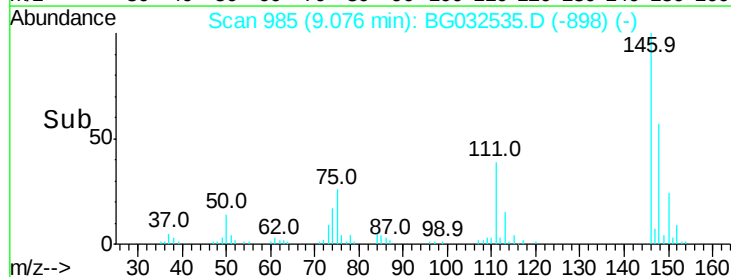
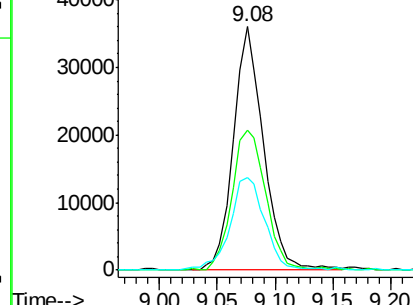
111 38.3 34.3 51.5

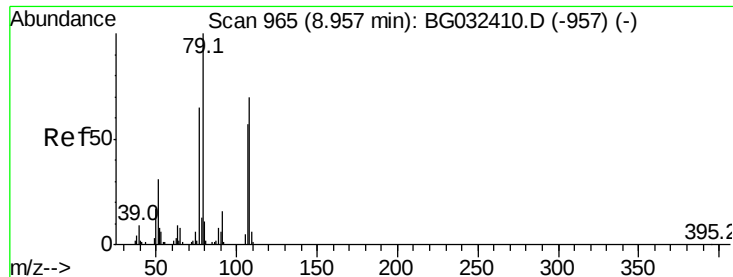


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.685 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG032535.D

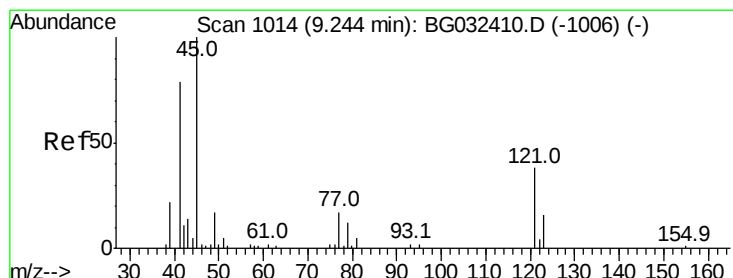
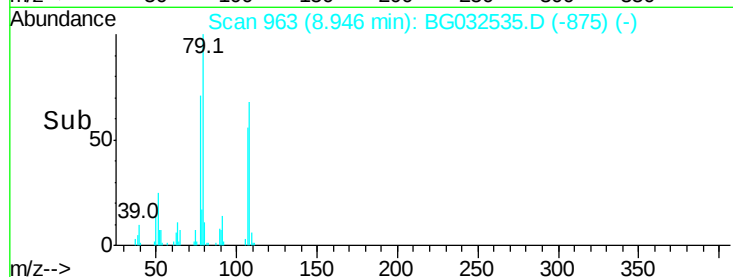
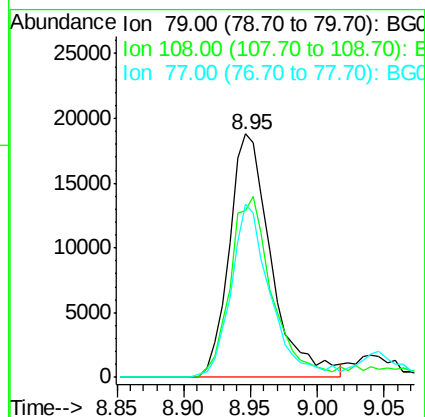
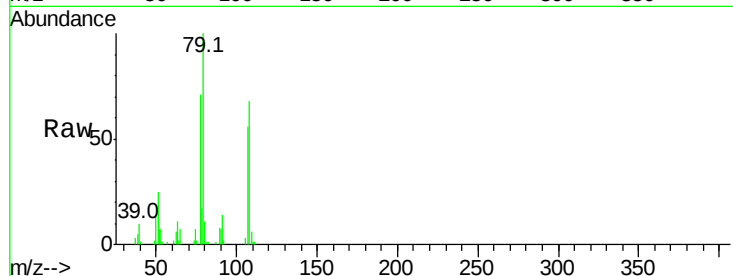
Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	79	Resp:	41121
Ion	Ratio	Lower	Upper
79	100		
108	68.4	57.2	85.8
77	71.1	46.1	69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.793 ng

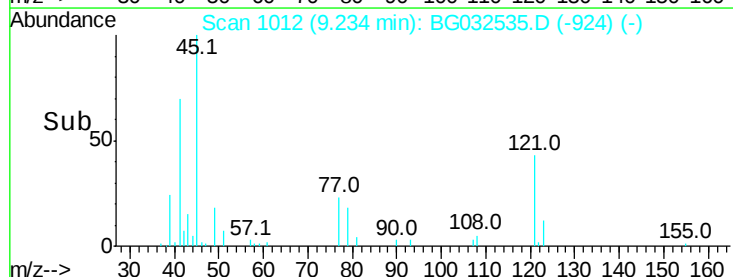
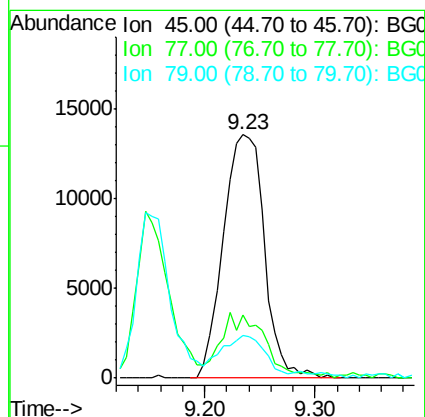
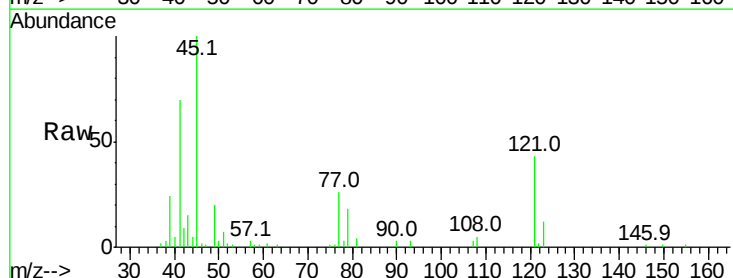
RT: 9.23 min Scan# 1012

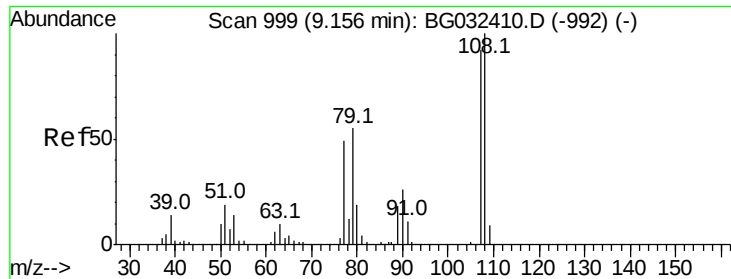
Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Tgt Ion:	45	Resp:	35244
Ion	Ratio	Lower	Upper
45	100		
77	25.8	0.0	30.2
79	17.5	0.0	27.9

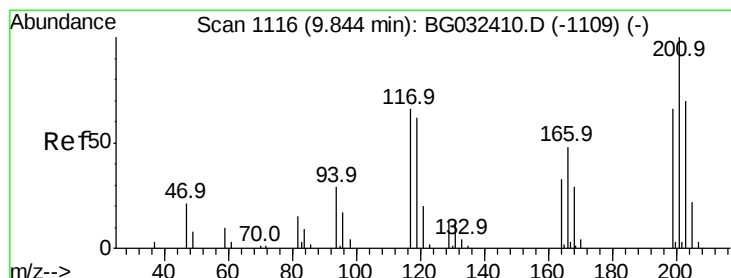
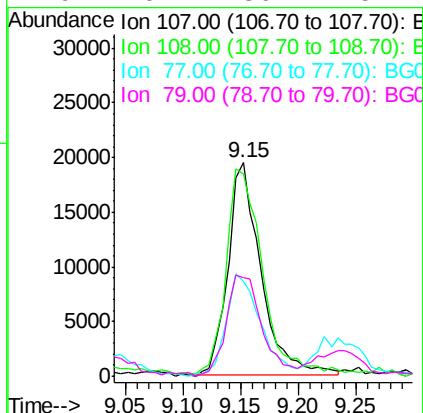
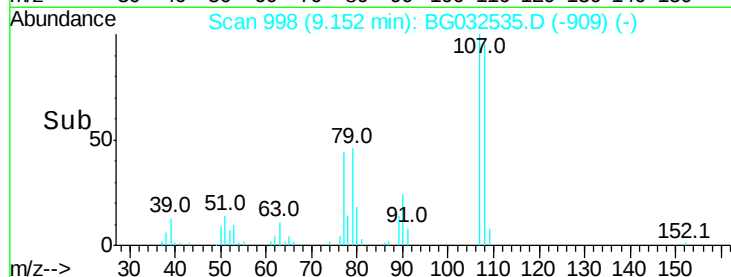
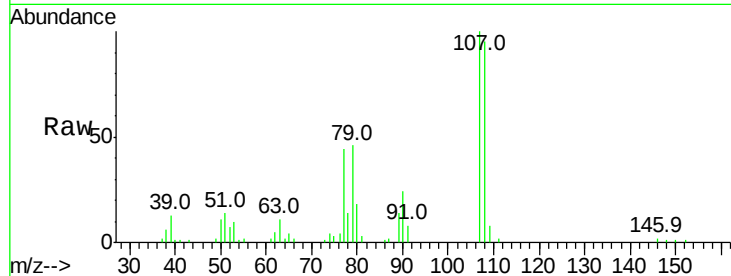




#17
2-Methylphenol
Concen: 36.410 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

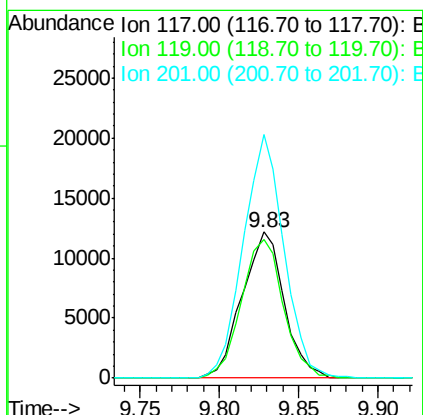
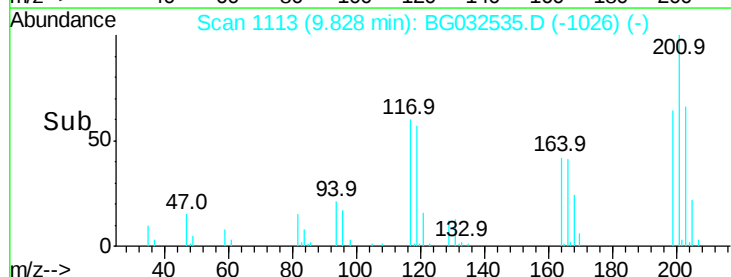
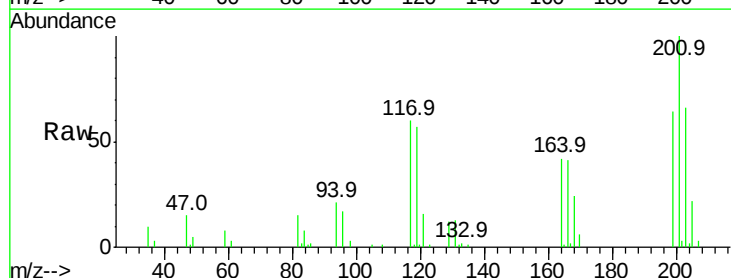
Instrument :
BNA_G
ClientSampleId :

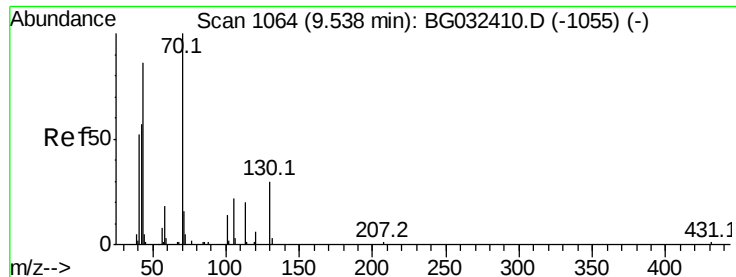
Tot Ion:	107	Resp:	38195
Ion	Ratio	Lower	Upper
107	100		
108	94.6	83.9	125.9
77	44.2	37.2	55.8
79	46.1	36.2	54.2



#18
Hexachloroethane
Concen: 40.847 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion:	117	Resp:	22396
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.7	115.1
201	166.6	95.7	143.5#

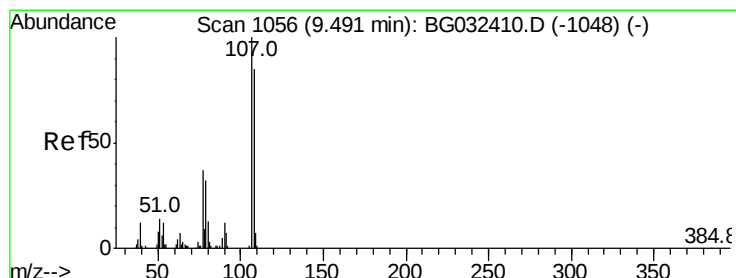
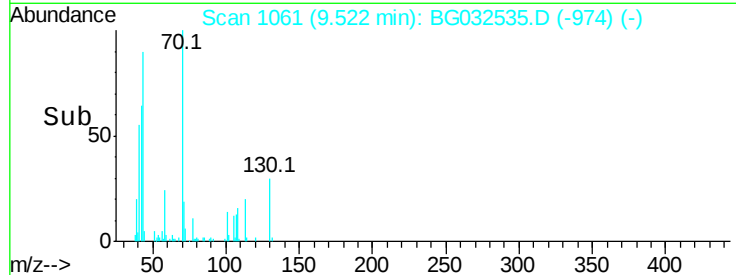
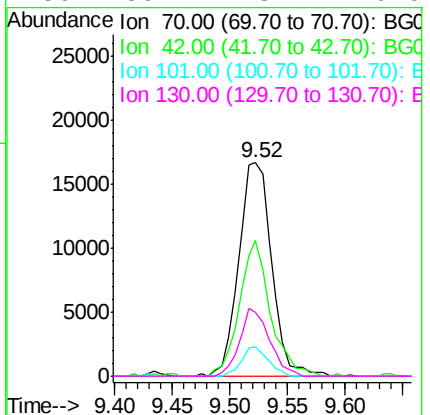
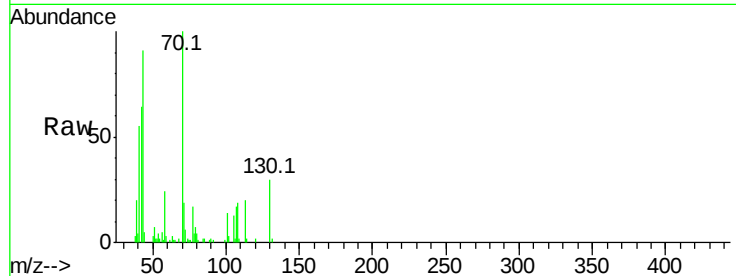




#19
n-Nitroso-di-n-propylamine
Concen: 36.656 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

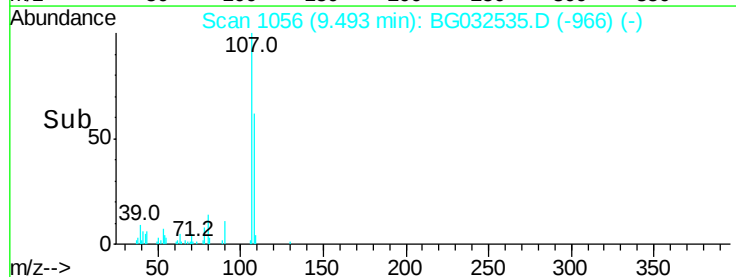
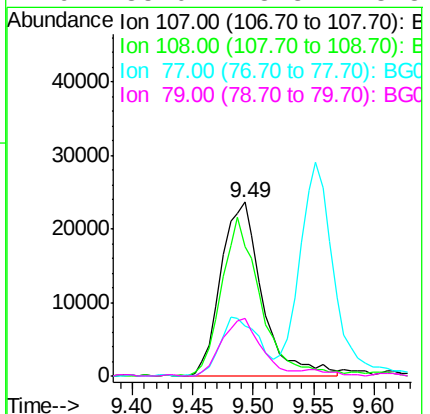
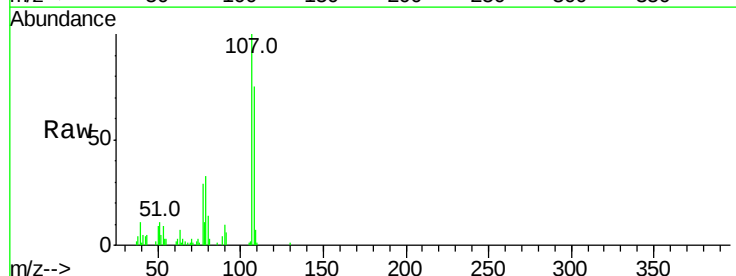
Instrument :
BNA_G
ClientSampled :

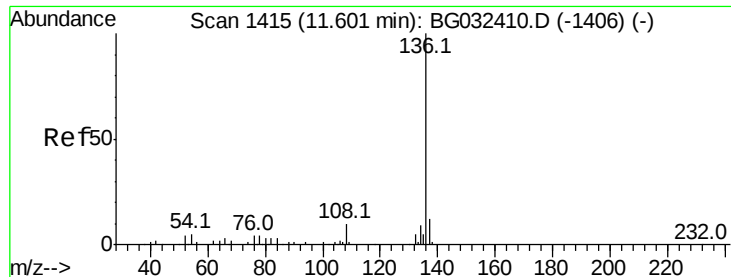
Tot Ion: 70 Resp: 33056
Ion Ratio Lower Upper
70 100
42 63.6 49.1 73.7
101 13.9 8.5 12.7#
130 30.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 38.124 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion: 107 Resp: 56098
Ion Ratio Lower Upper
107 100
108 74.6 61.6 101.6
77 29.0 13.9 53.9
79 33.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 84207

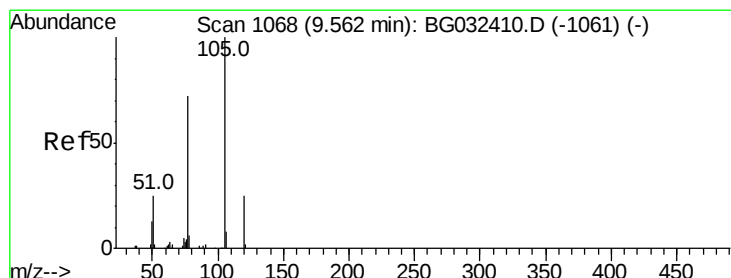
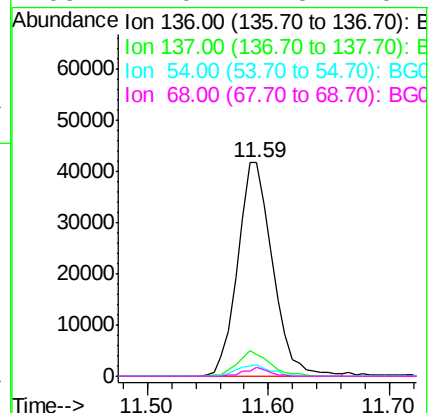
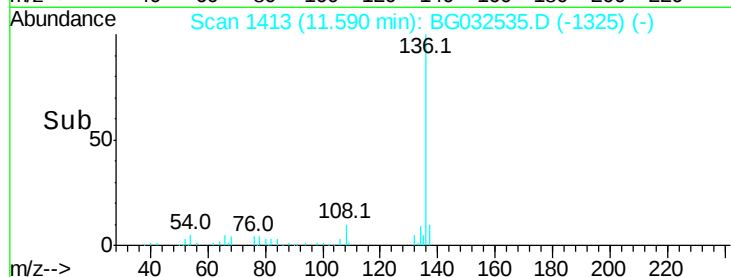
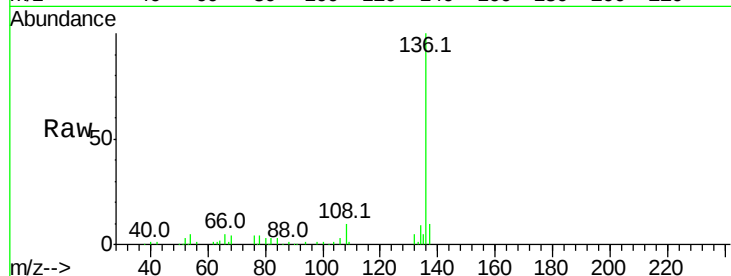
Ion Ratio Lower Upper

136 100

137 9.9 9.2 13.8

54 5.3 10.3 15.5#

68 4.0 4.5 6.7#



#22

Acetophenone

Concen: 39.757 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Tgt Ion:105 Resp: 78476

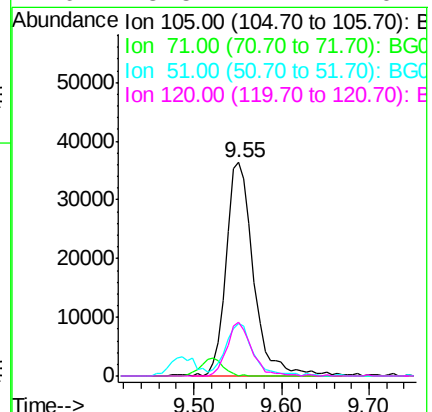
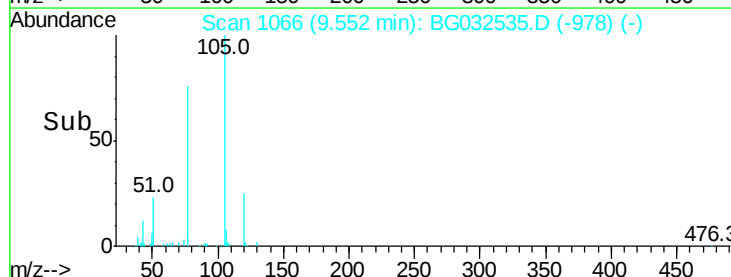
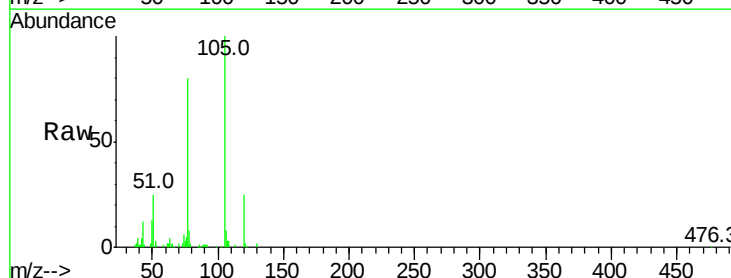
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 24.5 26.1 39.1#

120 25.5 17.4 26.2

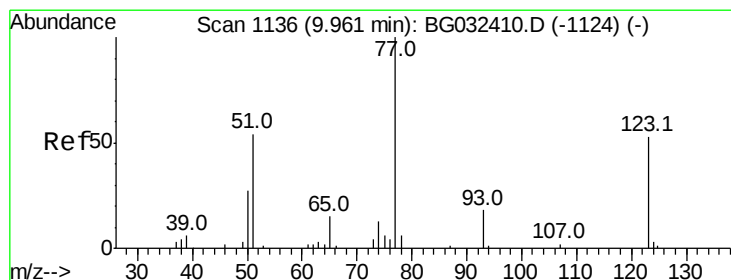
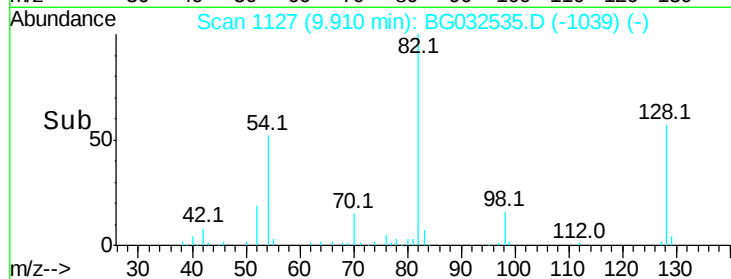
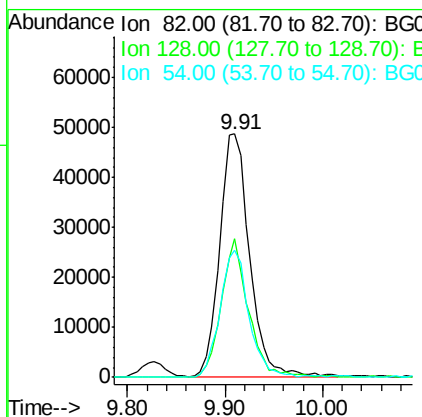
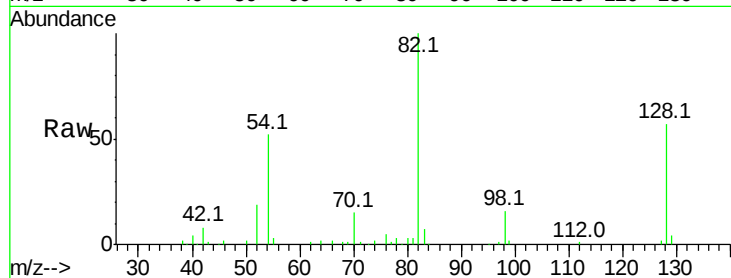




#23
 Nitrobenzene-d5
 Concen: 76.559 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

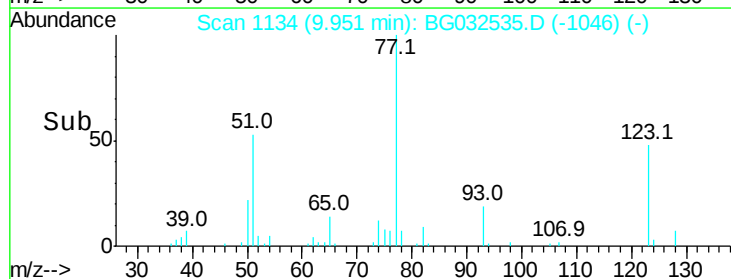
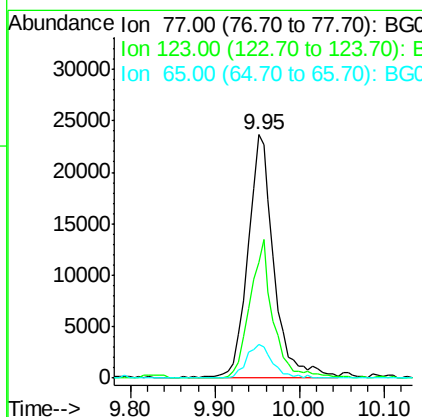
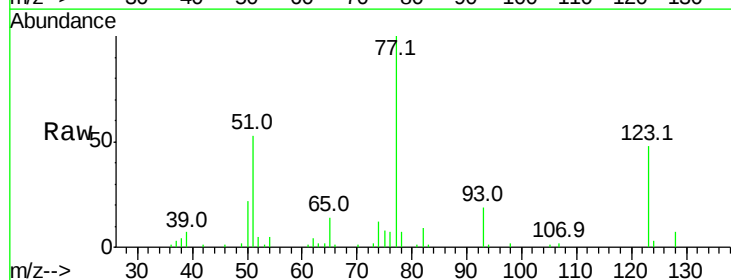
Instrument :
 BNA_G
 ClientSampleID :

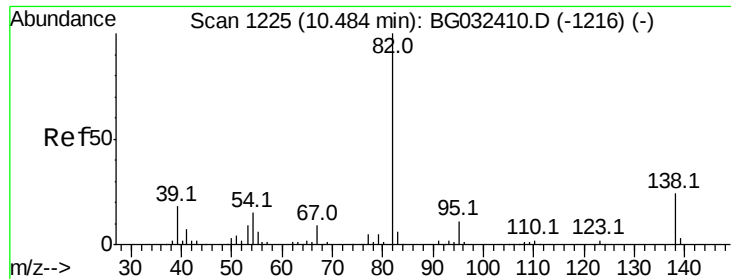
Tot Ion: 82 Resp: 103214
 Ion Ratio Lower Upper
 82 100
 128 57.2 29.7 44.5#
 54 52.3 43.1 64.7



#24
 Nitrobenzene
 Concen: 38.858 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion: 77 Resp: 50657
 Ion Ratio Lower Upper
 77 100
 123 47.6 33.0 49.6
 65 14.1 13.0 19.6





#25

Isophorone

Concen: 40.257 ng

RT: 10.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

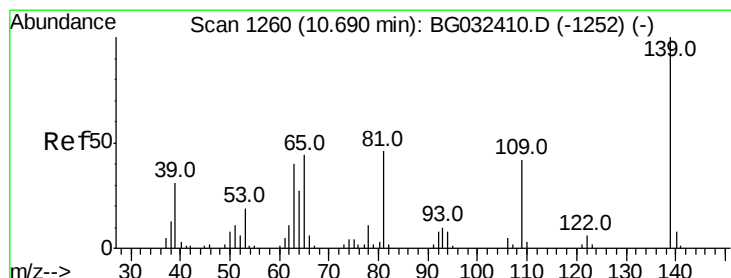
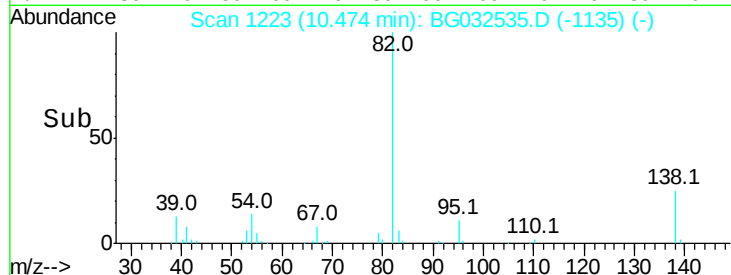
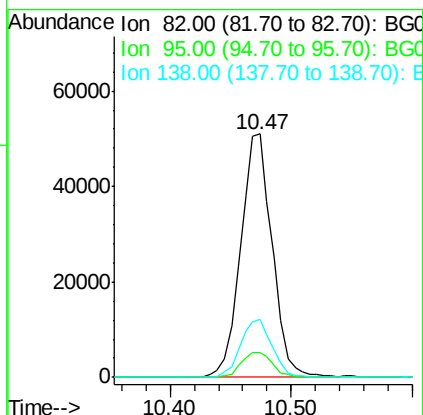
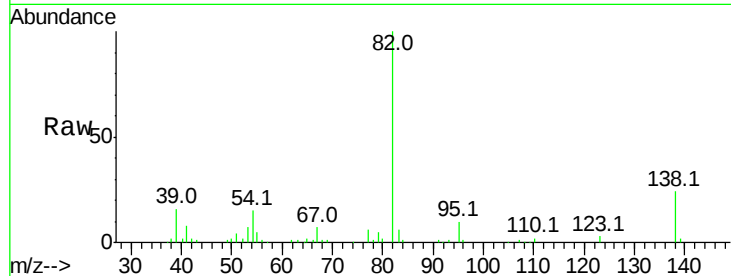
Tot Ion: 82 Resp: 92413

Ion Ratio Lower Upper

82 100

95 10.2 6.2 9.2#

138 23.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 41.485 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

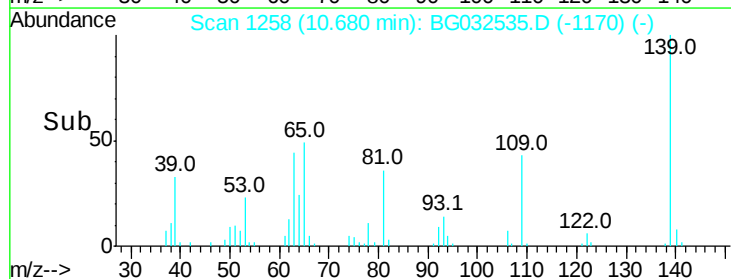
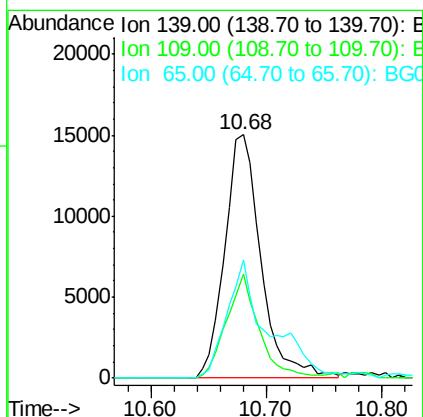
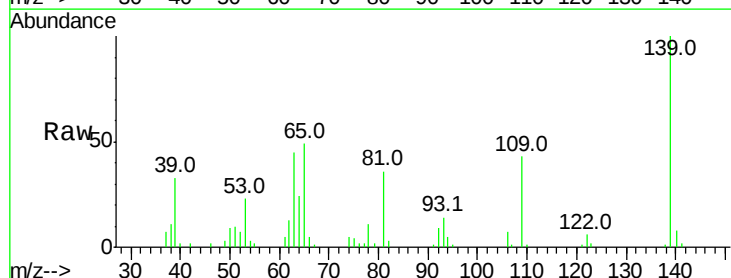
Tgt Ion: 139 Resp: 32692

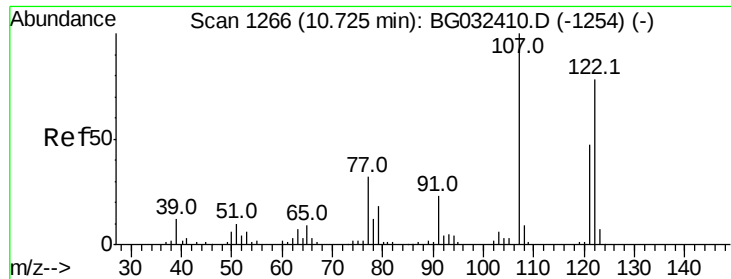
Ion Ratio Lower Upper

139 100

109 42.8 24.2 36.2#

65 48.6 47.4 71.0

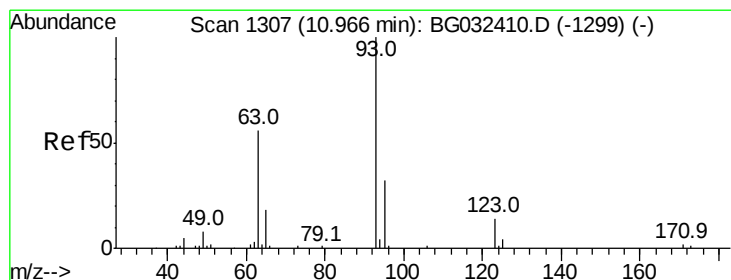
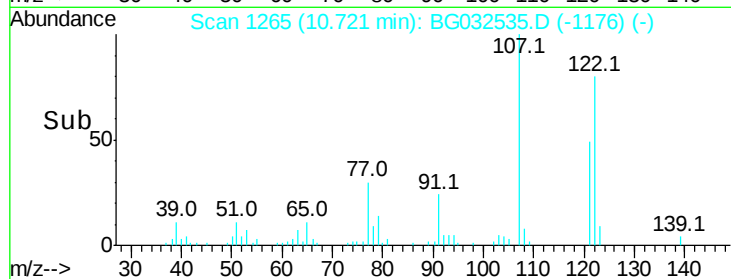
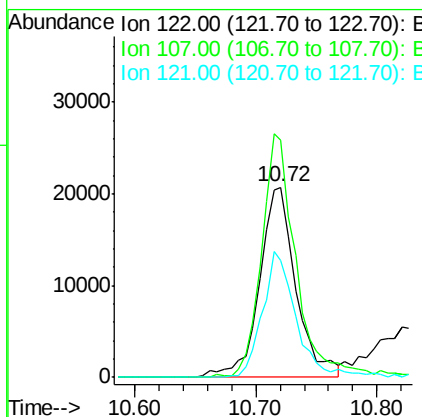
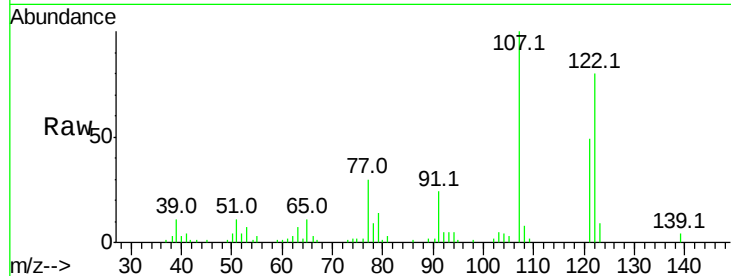




#27
 2,4-Dimethylphenol
 Concen: 38.190 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

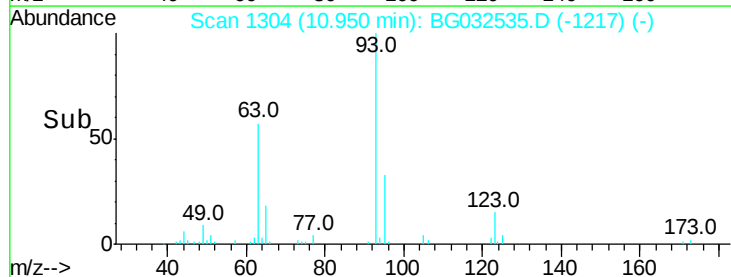
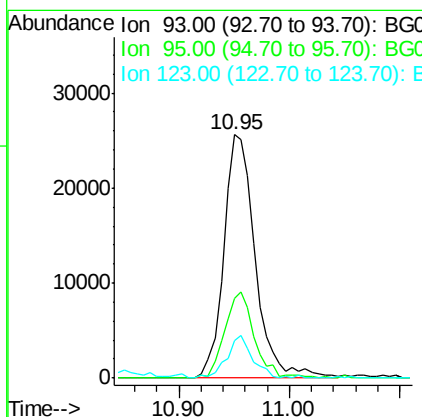
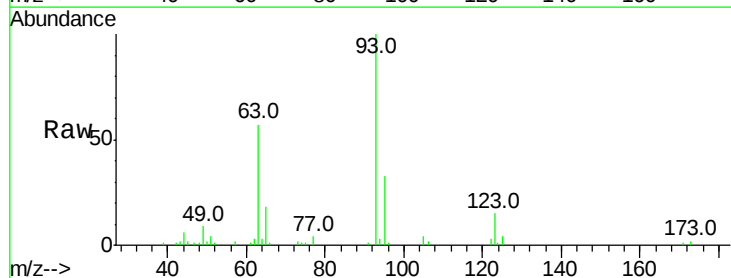
Instrument :
 BNA_G
 ClientSampleId :

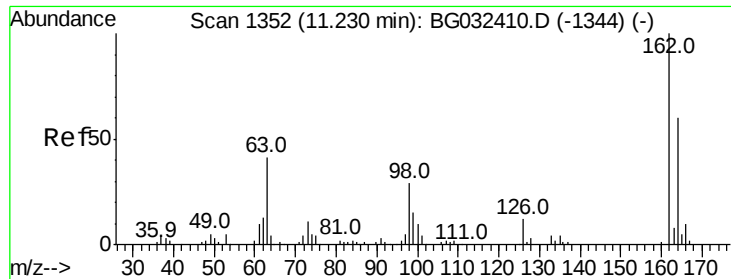
Tot Ion:122 Resp: 43197
 Ion Ratio Lower Upper
 122 100
 107 125.1 100.2 150.2
 121 61.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.370 ng
 RT: 10.95 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion: 93 Resp: 50818
 Ion Ratio Lower Upper
 93 100
 95 32.6 24.3 36.5
 123 15.5 8.4 12.6#

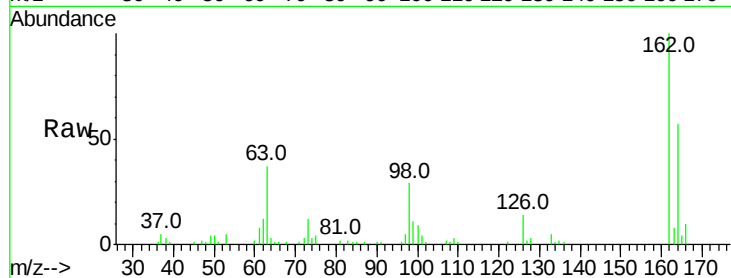




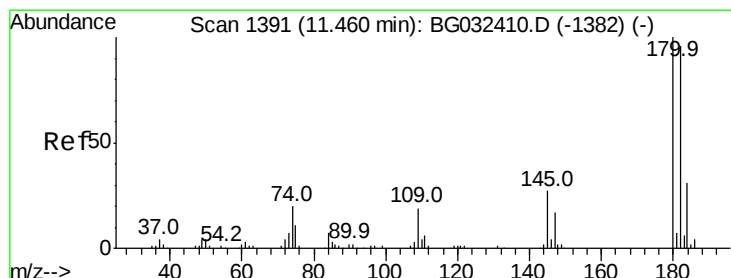
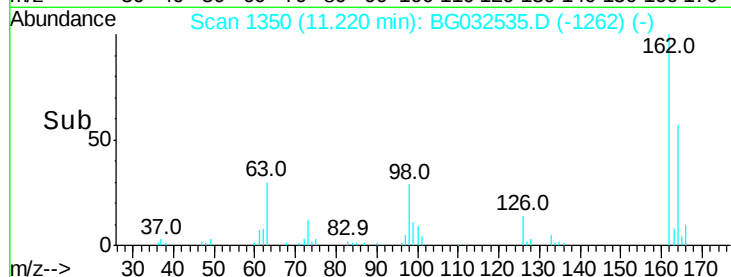
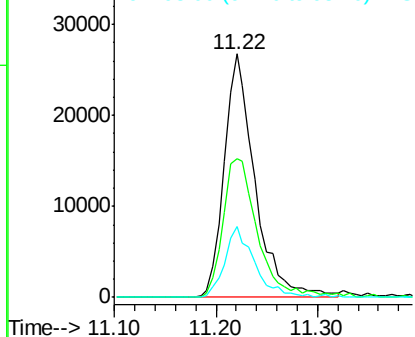
#29
 2,4-Dichlorophenol
 Concen: 37.533 ng
 RT: 11.22 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 56240
 Ion Ratio Lower Upper
 162 100
 164 57.0 48.0 88.0
 98 28.9 21.1 61.1

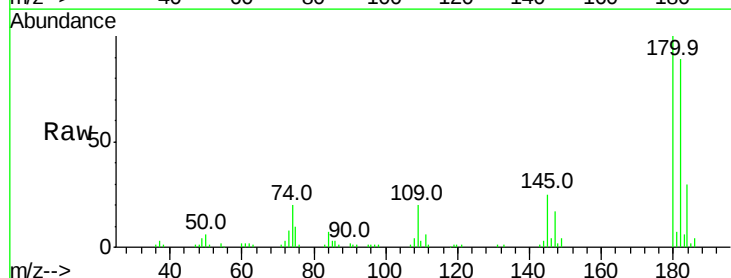


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

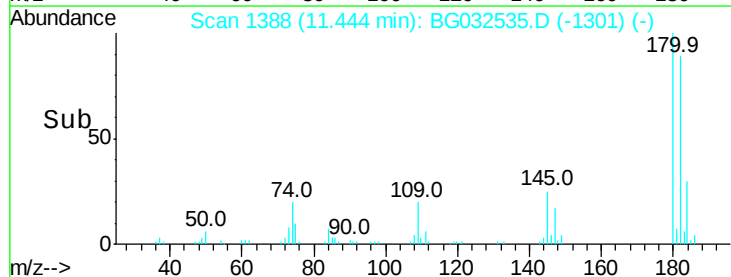
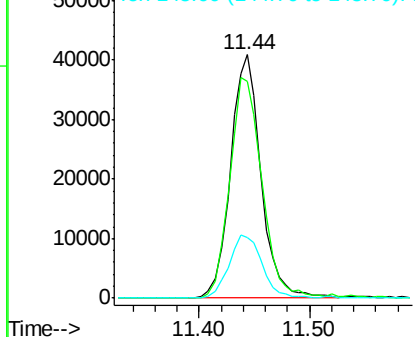


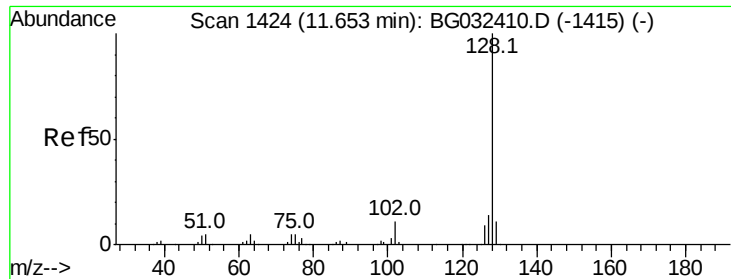
#30
 1,2,4-Trichlorobenzene
 Concen: 39.454 ng
 RT: 11.44 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion:180 Resp: 78792
 Ion Ratio Lower Upper
 180 100
 182 88.8 77.5 116.3
 145 25.0 23.4 35.2



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

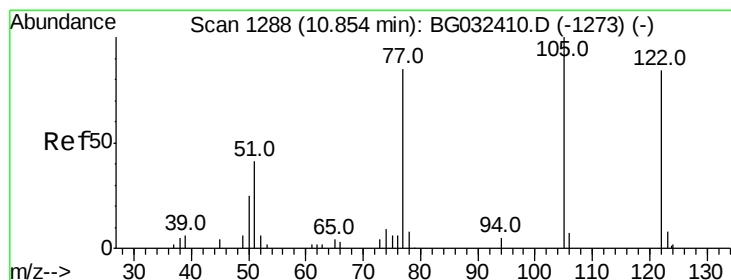
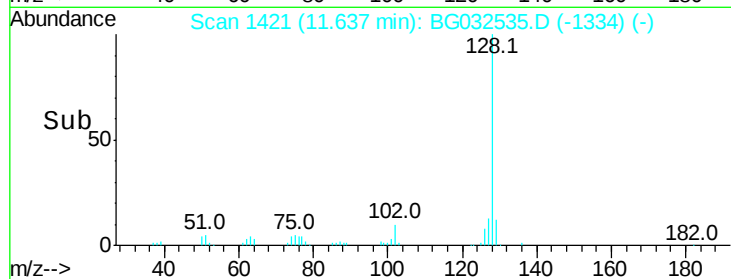
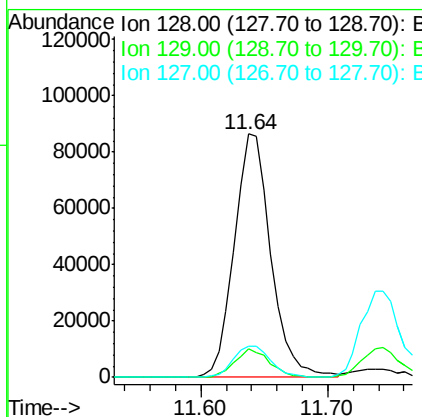
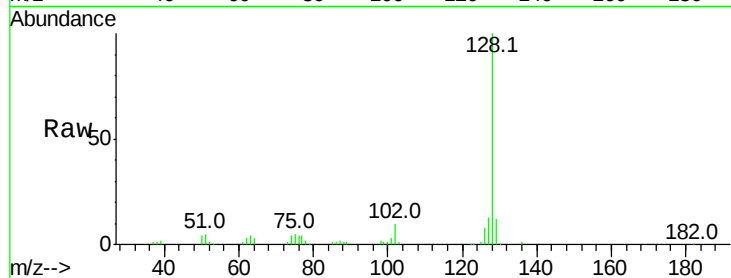




#31
Naphthalene
Concen: 42.010 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

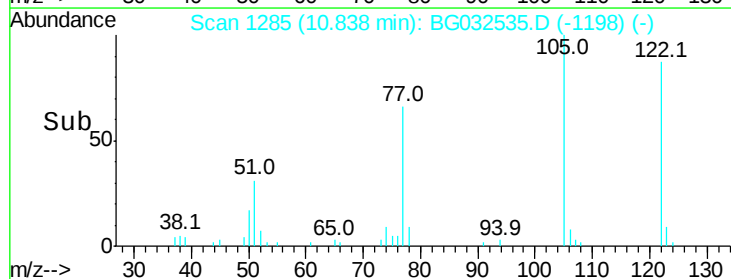
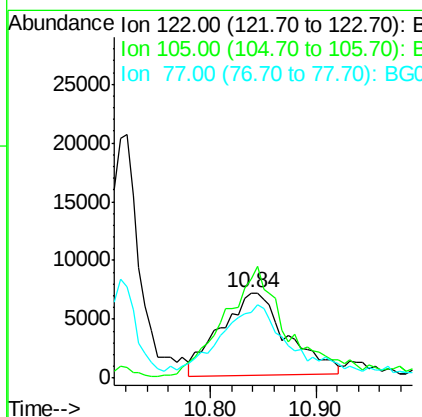
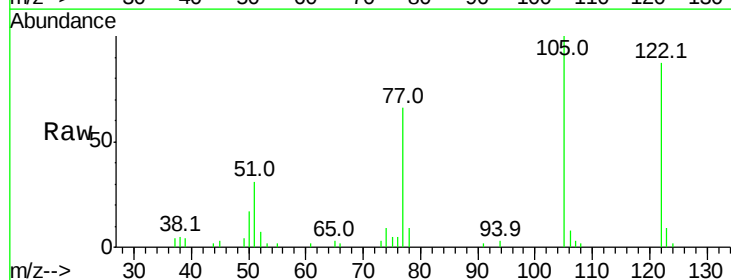
Instrument :
BNA_G
ClientSampleId :

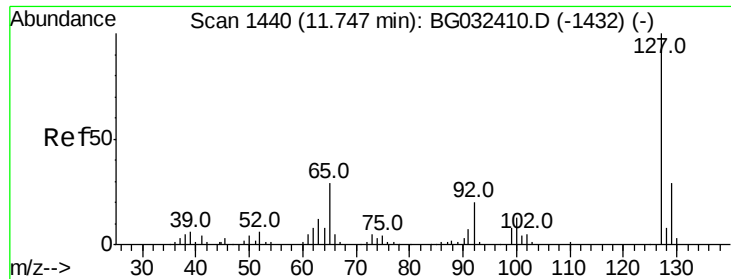
Tot Ion:128 Resp: 172776
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 13.0 11.6 17.4



#32
Benzoic acid
Concen: 38.267 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion:122 Resp: 30820
Ion Ratio Lower Upper
122 100
105 115.3 123.5 163.5#
77 76.4 85.7 125.7#

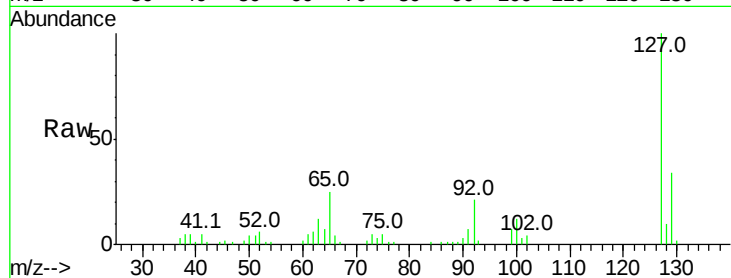




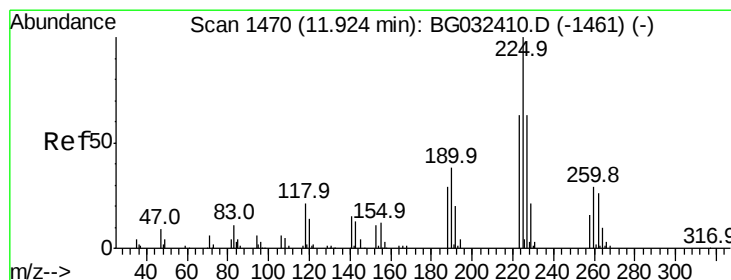
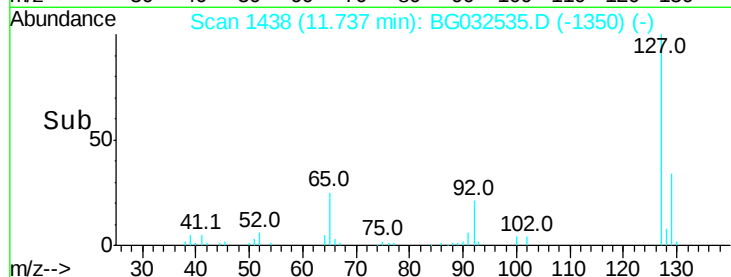
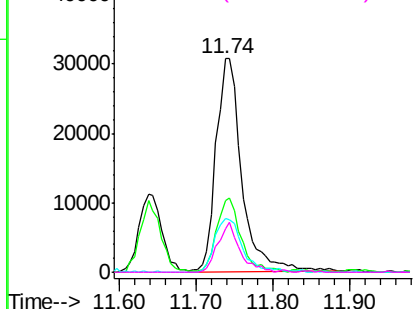
#33
 4-Chloroaniline
 Concen: 38.752 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	127	Resp:	71085
Ion	Ratio	Lower	Upper
127	100		
129	33.7	24.0	36.0
65	24.9	27.0	40.4#
92	20.6	16.6	25.0

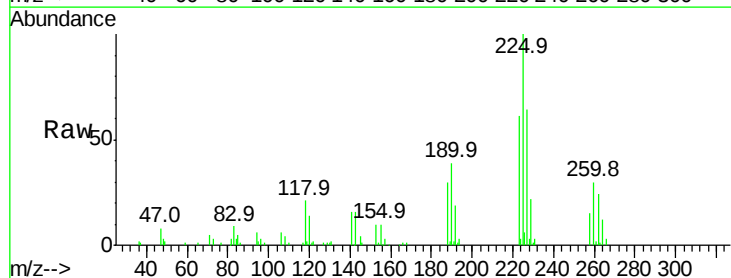


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

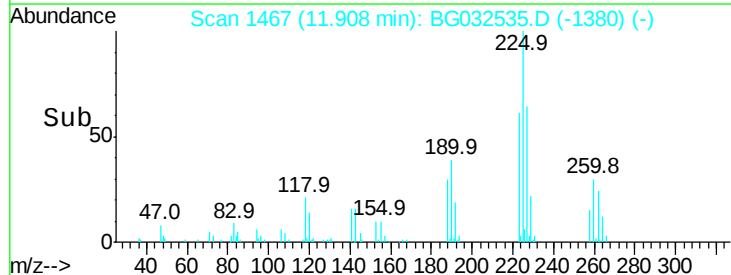
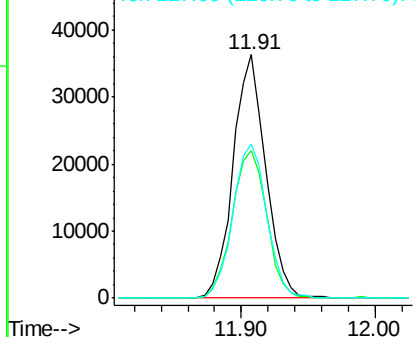


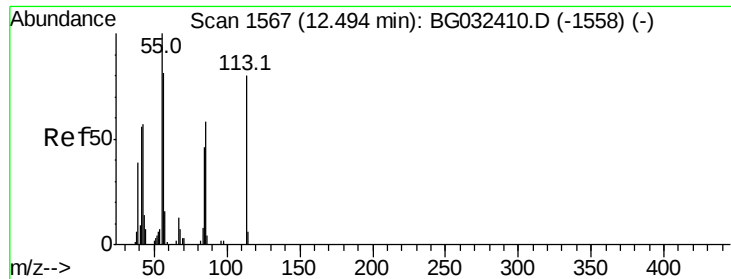
#34
 Hexachlorobutadiene
 Concen: 39.601 ng
 RT: 11.91 min Scan# 1467
 Delta R.T. -0.02 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion:	225	Resp:	61532
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.7	74.5
227	63.5	48.1	72.1



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: 38.882 ng

RT: 12.50 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

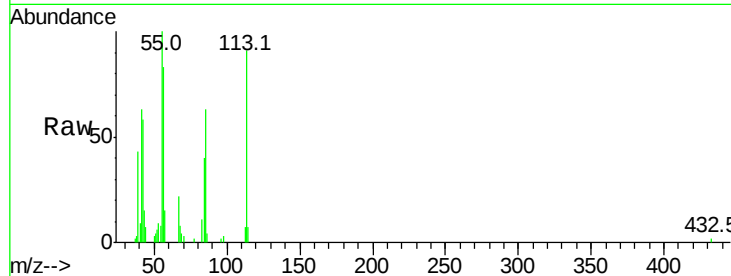
Tot Ion:113 Resp: 16725

Ion Ratio Lower Upper

113 100

55 110.4 186.9 226.9#

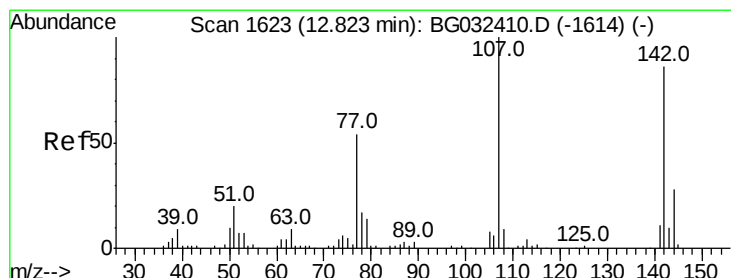
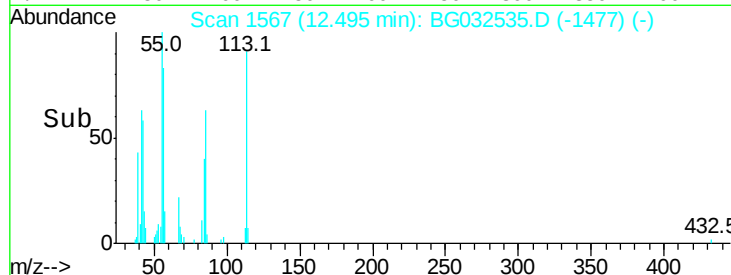
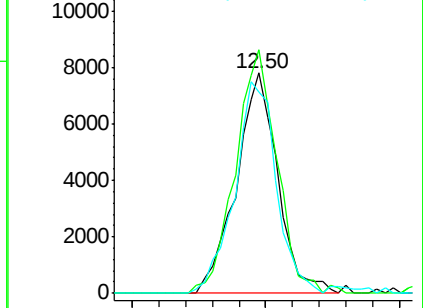
56 91.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.181 ng

RT: 12.82 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

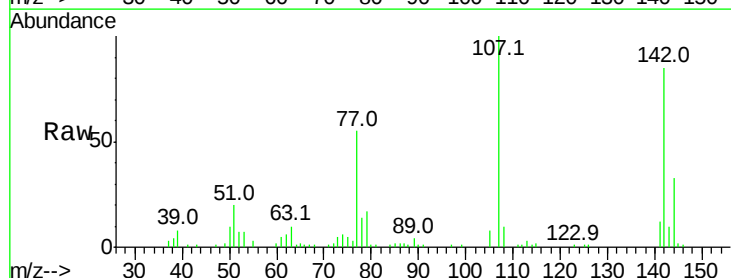
Tgt Ion:107 Resp: 54267

Ion Ratio Lower Upper

107 100

144 32.9 18.2 27.4#

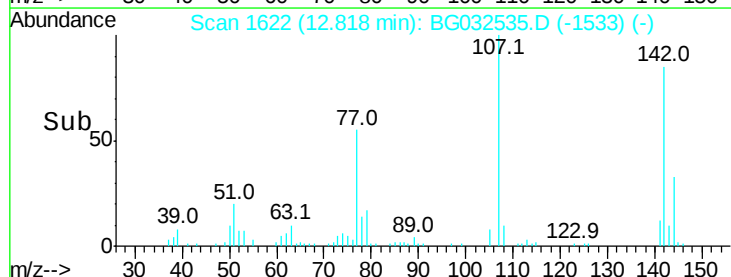
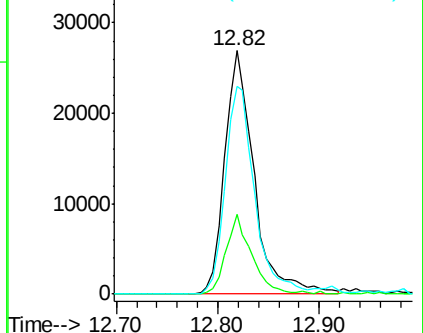
142 85.2 59.0 88.4

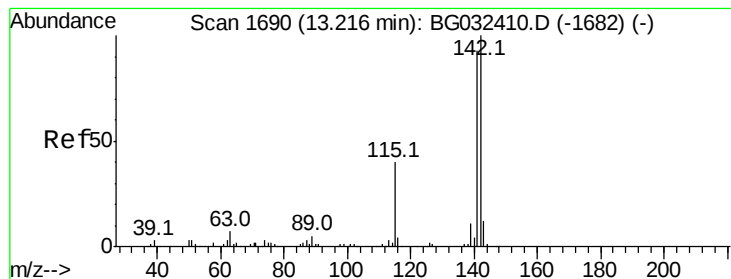


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.635 ng

RT: 13.21 min Scan# 1688

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

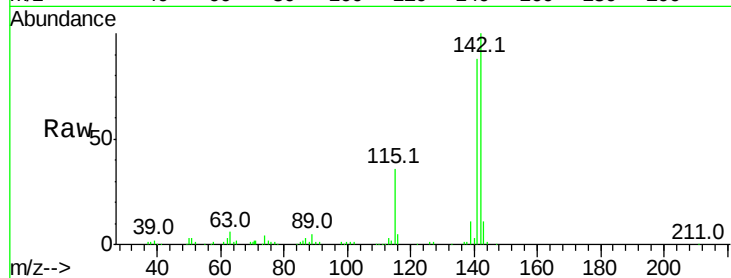
Tot Ion:142 Resp: 136947

Ion Ratio Lower Upper

142 100

141 88.0 67.1 100.7

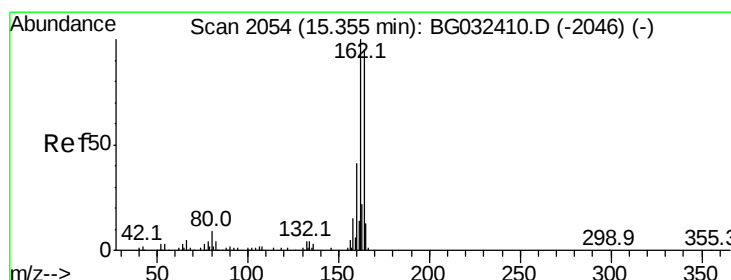
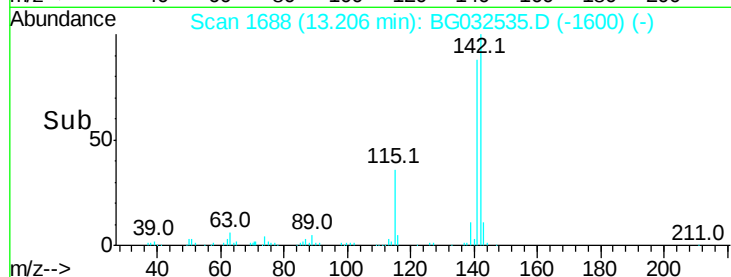
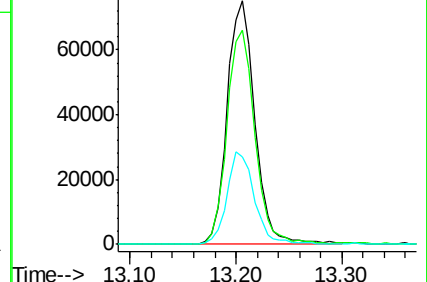
115 35.9 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

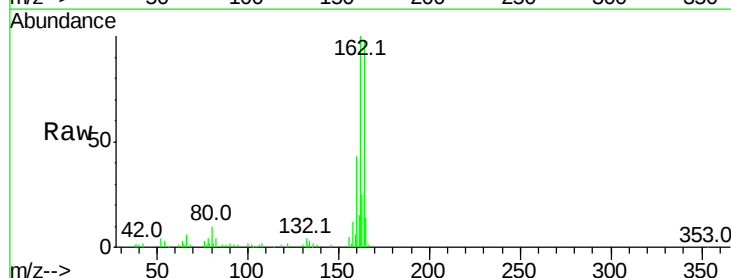
Tgt Ion:164 Resp: 61107

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

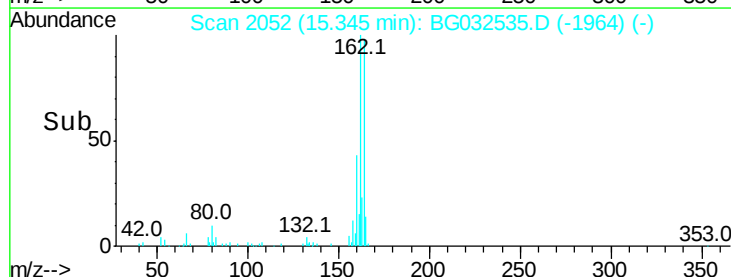
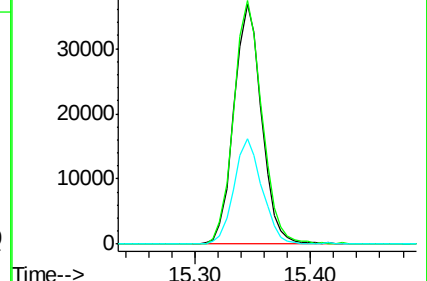
160 44.1 35.4 53.0

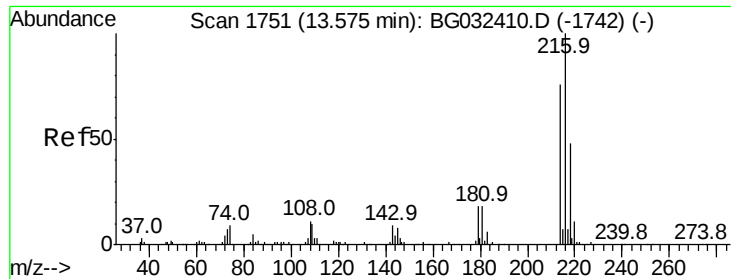


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.727 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG032535.D

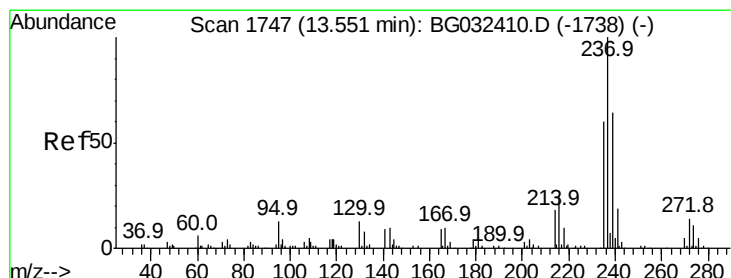
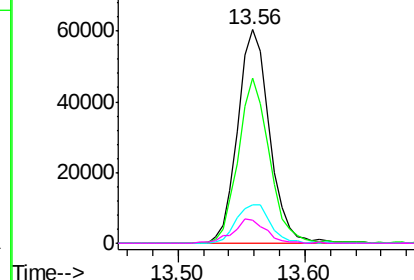
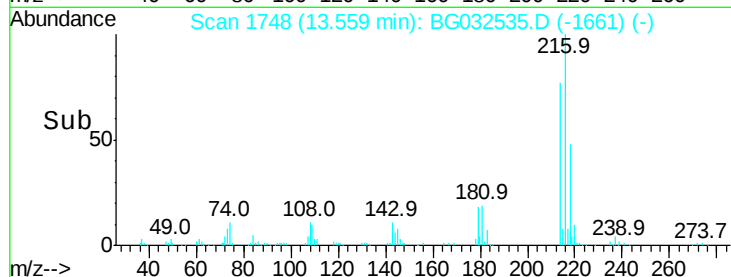
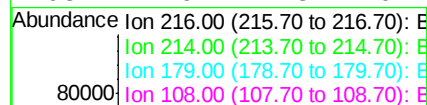
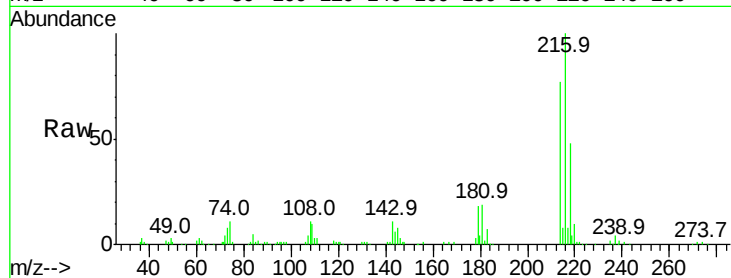
Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	104993
Ion	Ratio	Lower	Upper
216	100		
214	75.5	63.0	94.4
179	19.3	17.0	25.6
108	11.6	12.8	19.2#



#40

Hexachlorocyclopentadiene

Concen: 34.954 ng

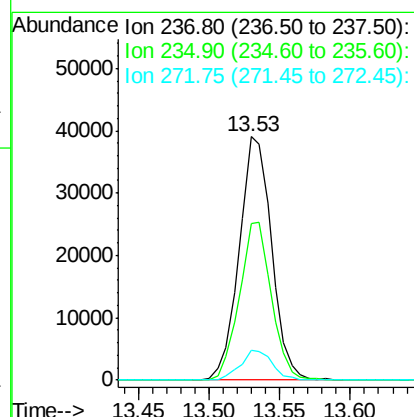
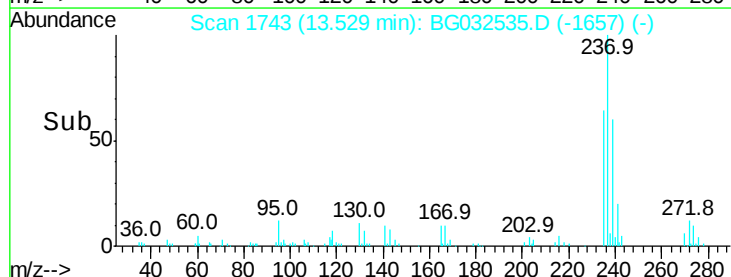
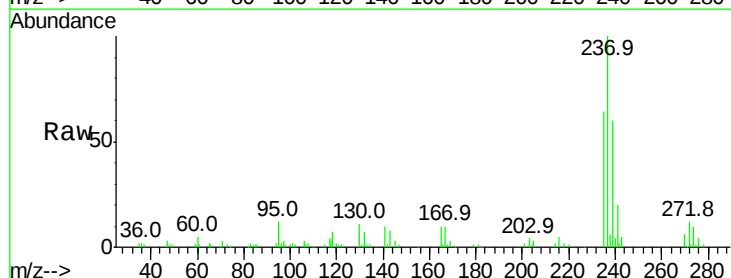
RT: 13.53 min Scan# 1743

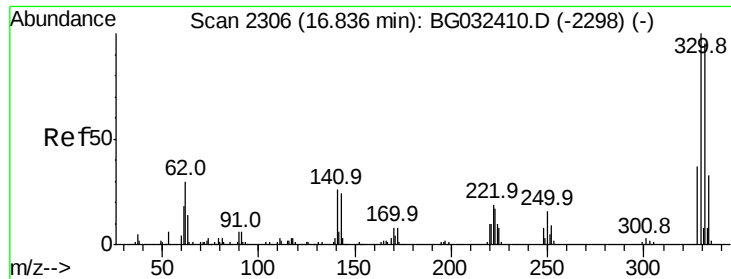
Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Tgt Ion:	237	Resp:	62435
Ion	Ratio	Lower	Upper
237	100		
235	64.3	50.4	90.4
272	12.1	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 86.255 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032535.D

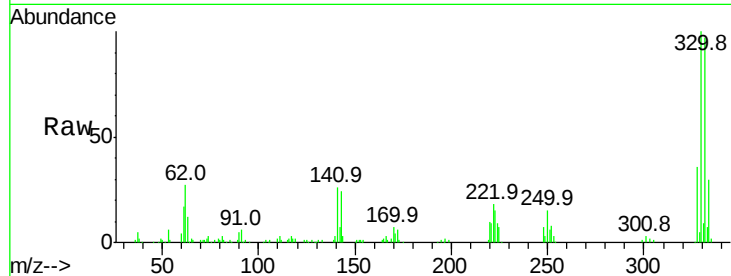
Acq: 5 Feb 2018 15:53

Instrument :

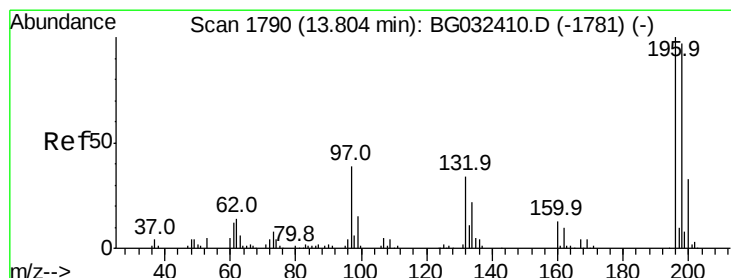
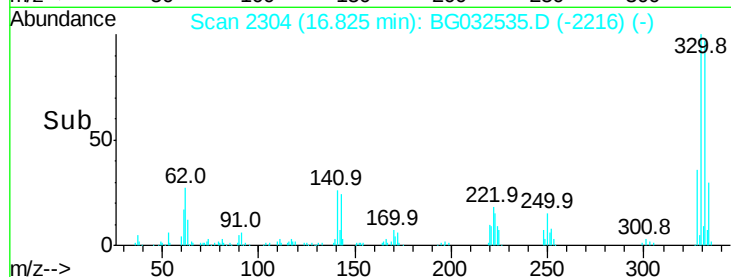
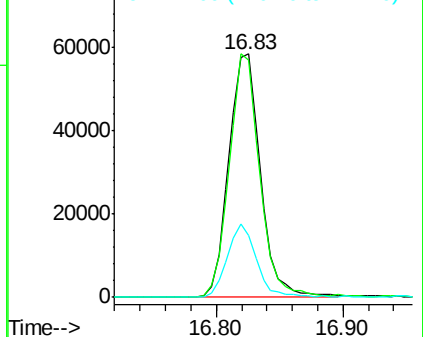
BNA_G

ClientSampleId :

Tot Ion:	330	Resp:	100330
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	28.0	25.2	37.8



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



#42

2,4,6-Trichlorophenol

Concen: 37.299 ng

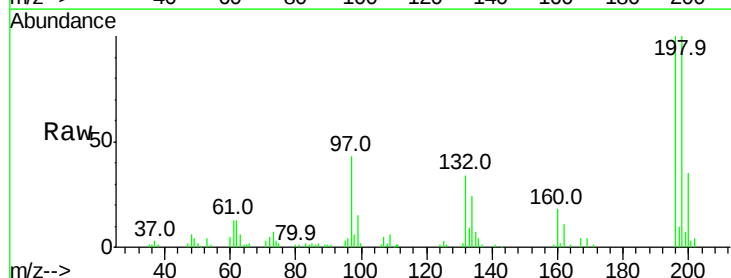
RT: 13.79 min Scan# 1787

Delta R.T. -0.02 min

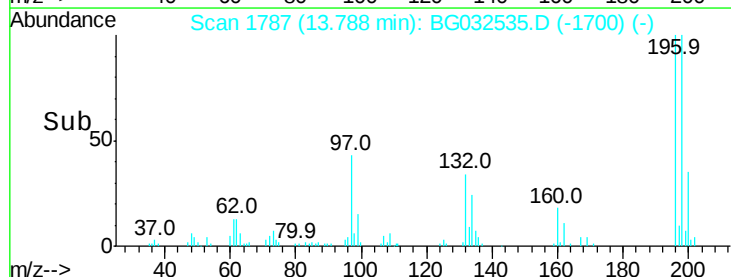
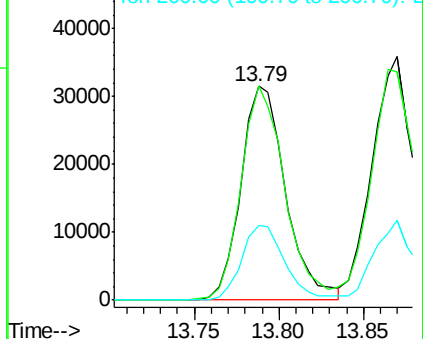
Lab File: BG032535.D

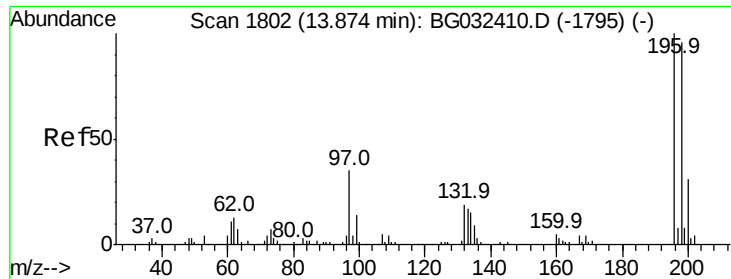
Acq: 5 Feb 2018 15:53

Tgt Ion:	196	Resp:	58000
Ion	Ratio	Lower	Upper
196	100		
198	100.0	78.2	117.2
200	34.8	24.6	36.8



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

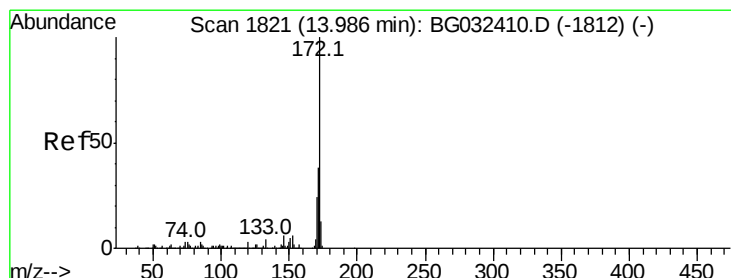
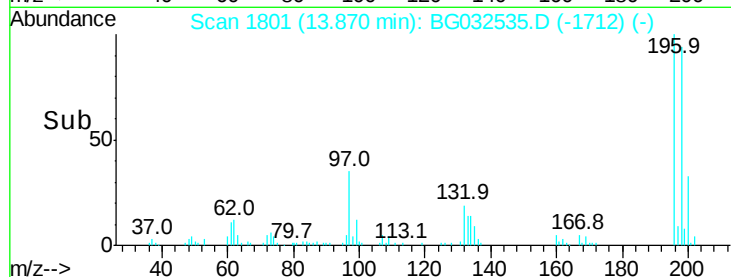
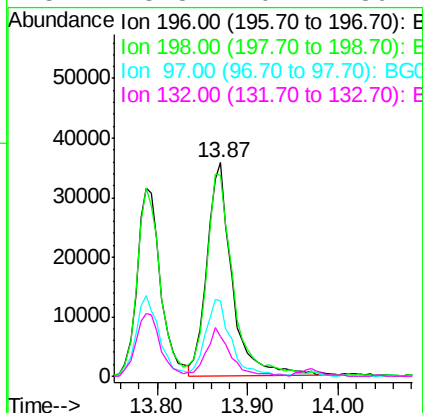
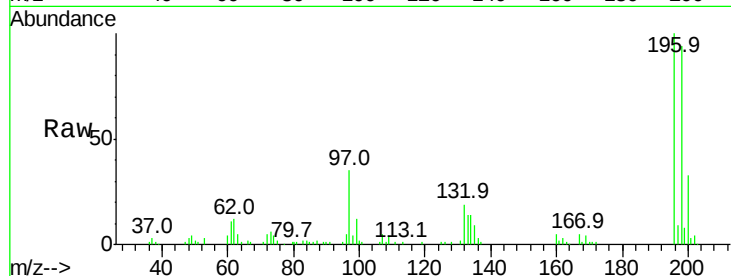




#43
 2,4,5-Trichlorophenol
 Concen: 37.932 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

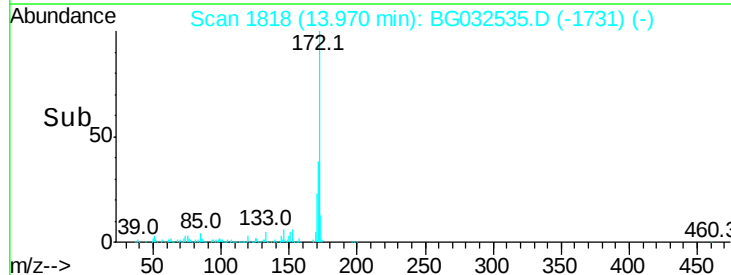
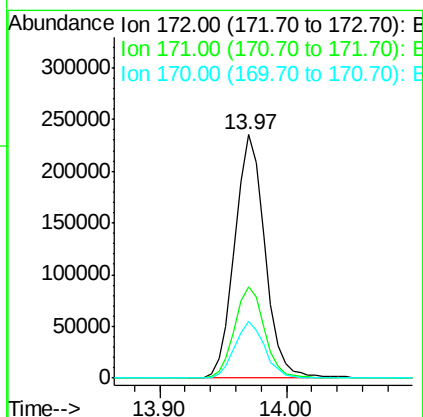
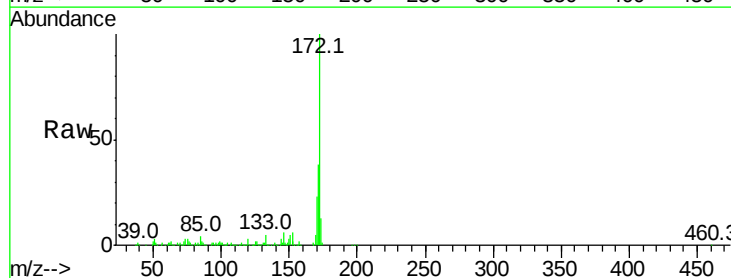
Instrument :
 BNA_G
 ClientSampleId :

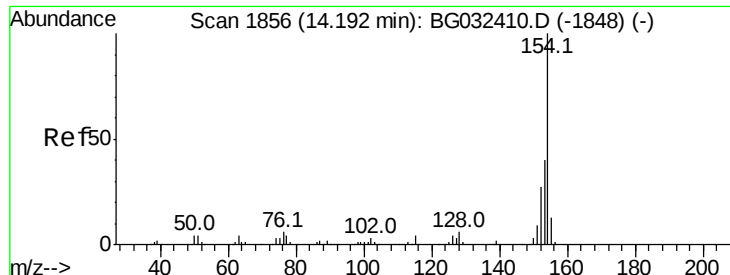
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.2	114.4
97	35.3	38.7	58.1#
132	18.8	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 75.458 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.4	19.5	29.3





#45

1,1'-Biphenyl

Concen: 38.573 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

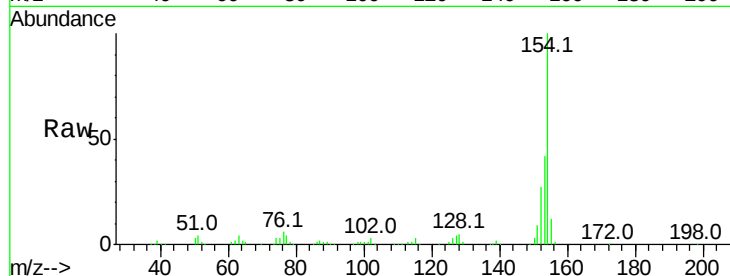
Tot Ion:154 Resp: 199139

Ion Ratio Lower Upper

154 100

153 41.7 19.8 59.8

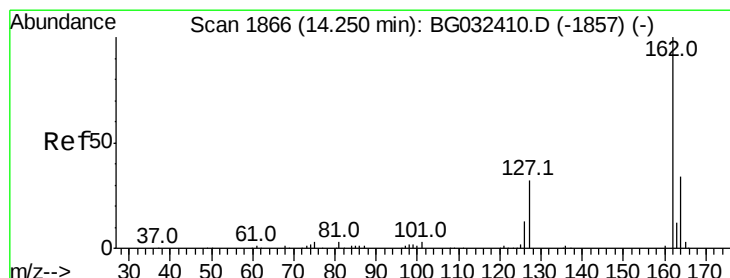
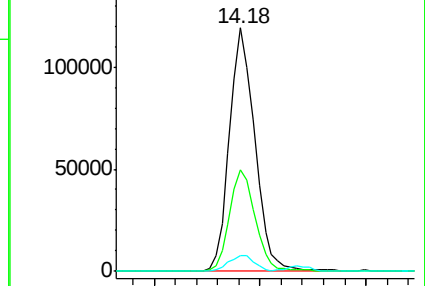
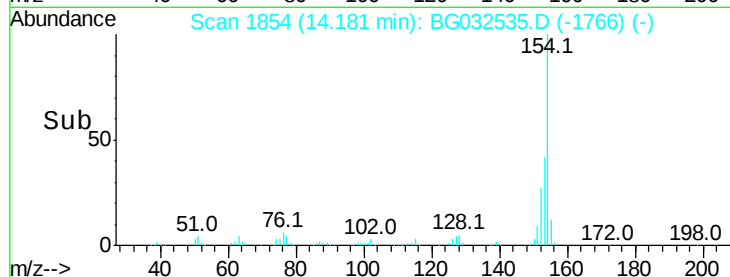
76 6.5 0.0 31.9



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): B



#46

2-Chloronaphthalene

Concen: 38.112 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

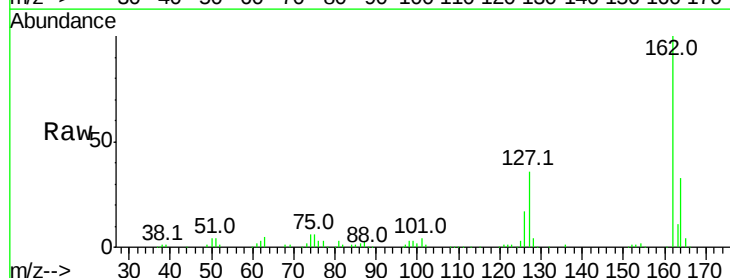
Tgt Ion:162 Resp: 154216

Ion Ratio Lower Upper

162 100

127 36.4 30.7 46.1

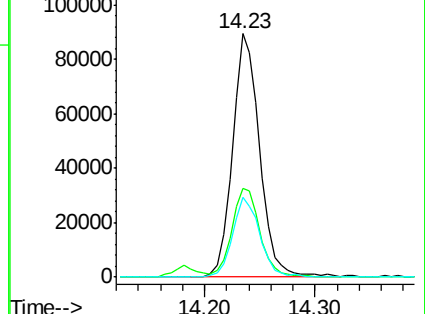
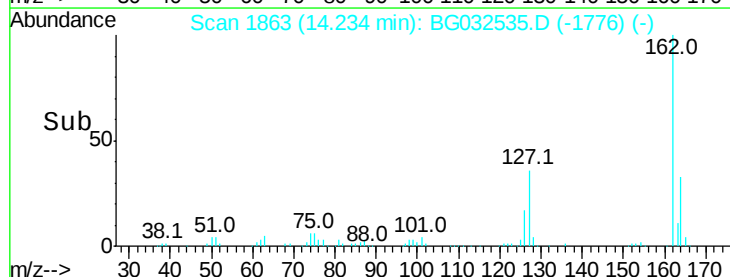
164 32.8 26.0 39.0

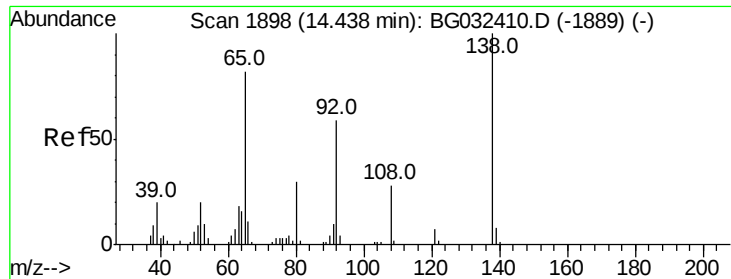


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

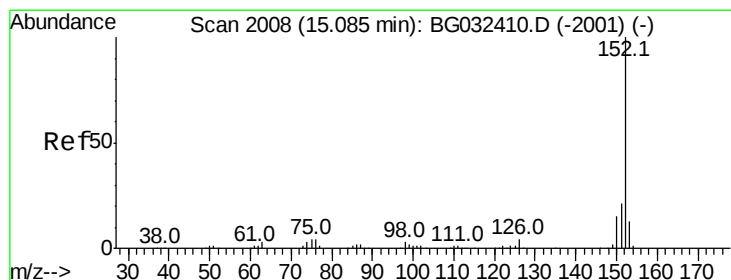
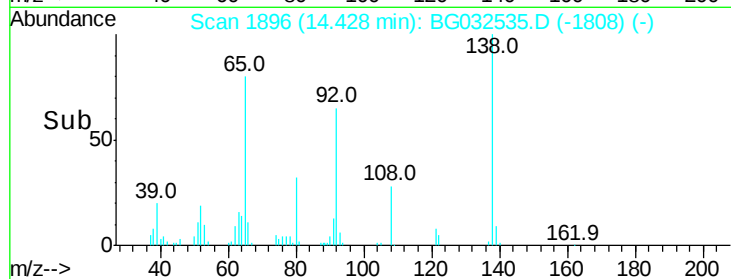
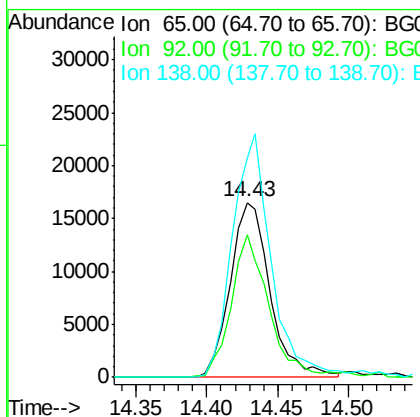
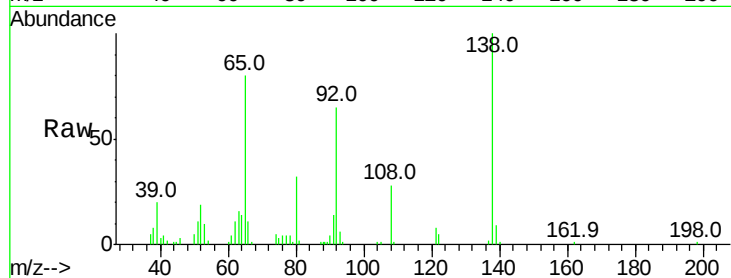




#47
2-Nitroaniline
Concen: 36.354 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

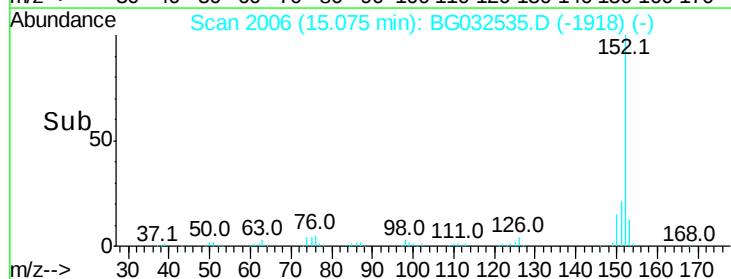
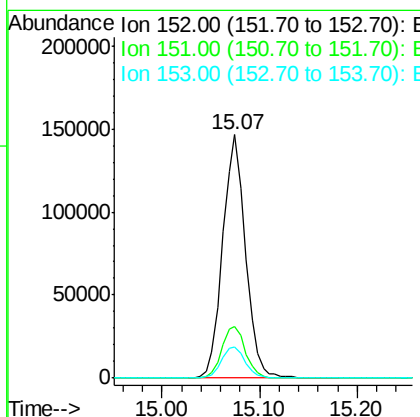
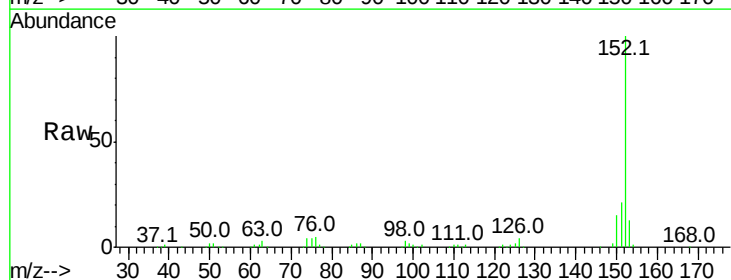
Instrument :
BNA_G
ClientSampleId :

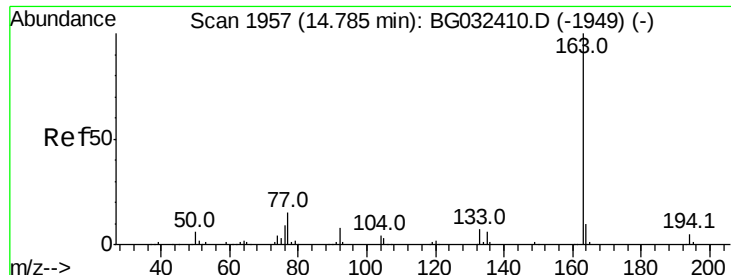
Tot Ion: 65 Resp: 32530
Ion Ratio Lower Upper
65 100
92 81.3 54.6 82.0
138 125.5 72.9 109.3#



#48
Acenaphthylene
Concen: 38.655 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion: 152 Resp: 236457
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 12.8 10.2 15.4





#49

Dimethylphthalate

Concen: 37.626 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

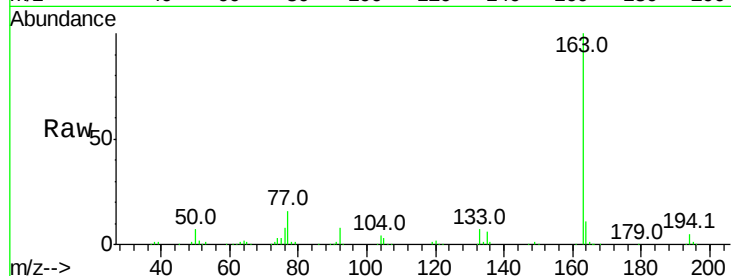
Tot Ion:163 Resp: 211996

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

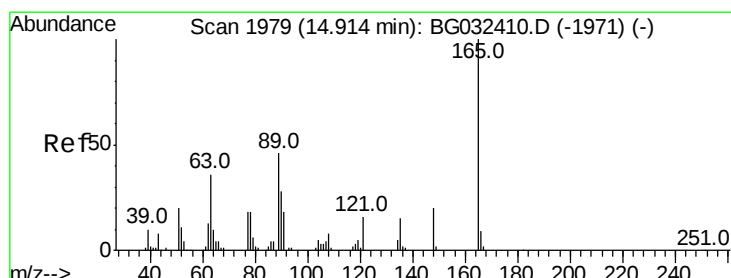
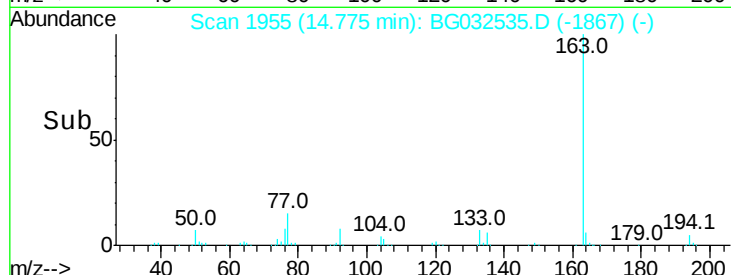
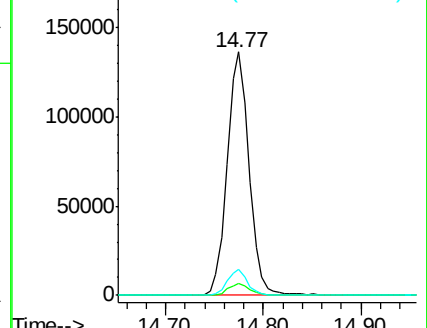
164 10.5 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 37.745 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

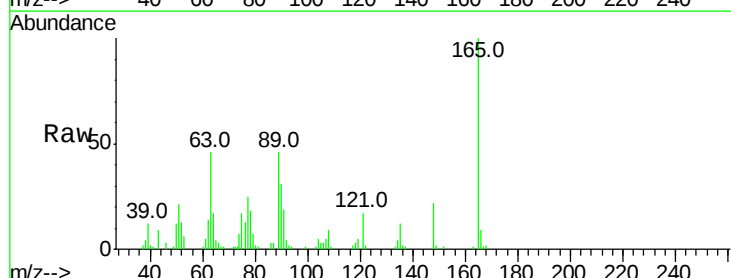
Tgt Ion:165 Resp: 44637

Ion Ratio Lower Upper

165 100

63 46.4 52.7 79.1#

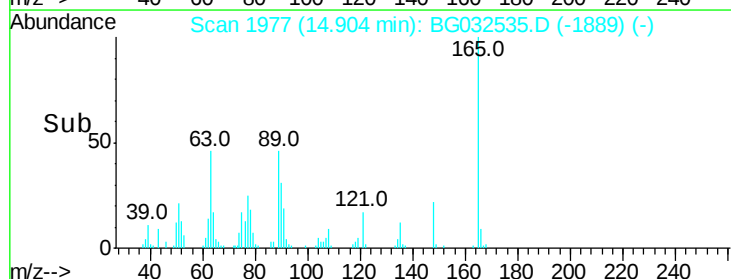
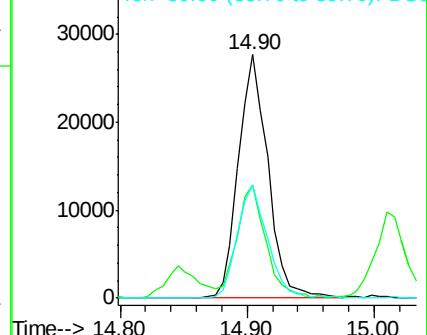
89 46.3 49.2 73.8#



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





#51

Acenaphthene

Concen: 39.713 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

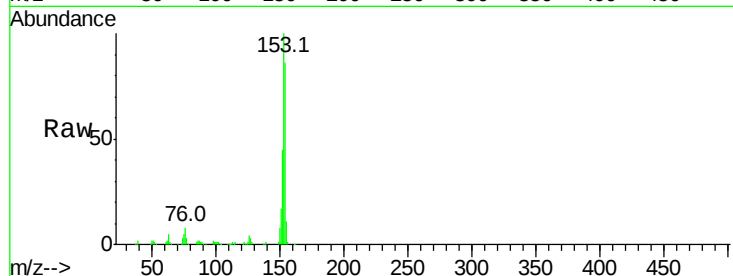
Tot Ion:154 Resp: 168478

Ion Ratio Lower Upper

154 100

153 116.6 90.4 135.6

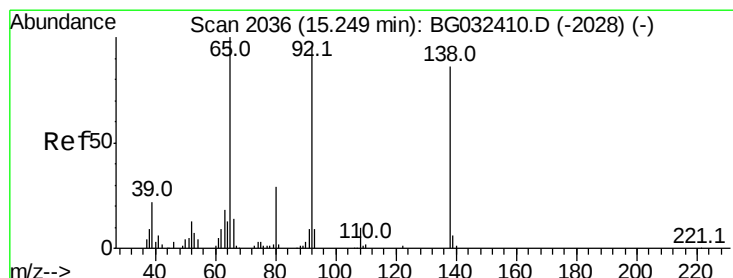
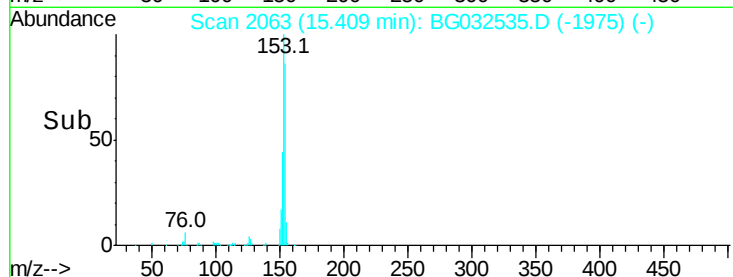
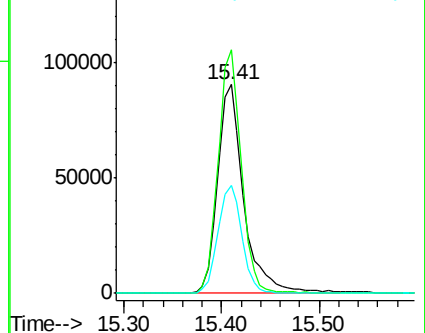
152 52.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.439 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

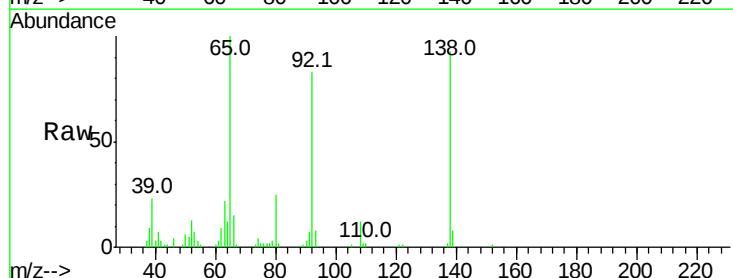
Tgt Ion:138 Resp: 40738

Ion Ratio Lower Upper

138 100

108 13.3 17.5 26.3#

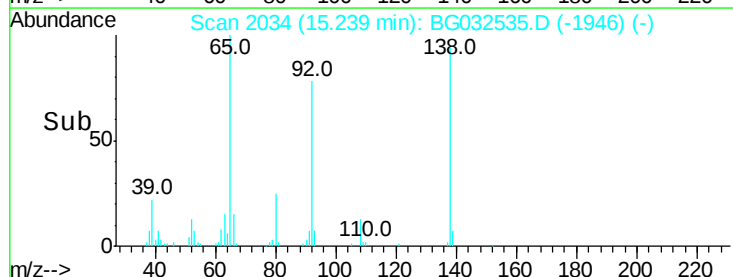
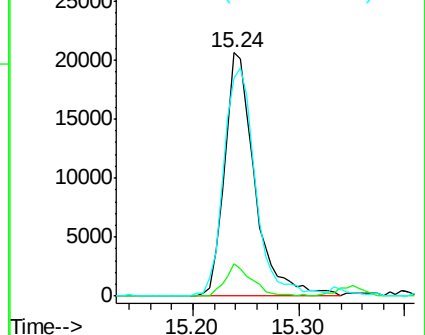
92 89.6 105.8 158.8#

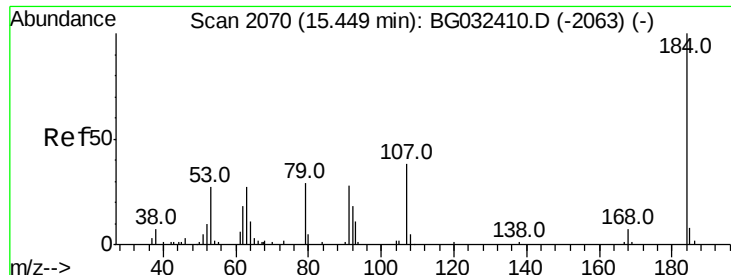


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

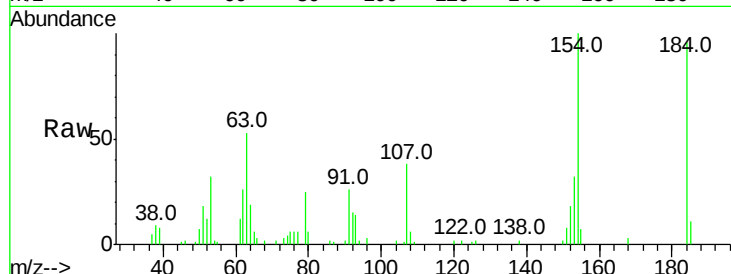




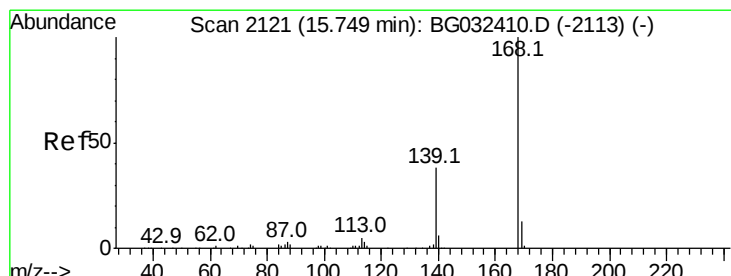
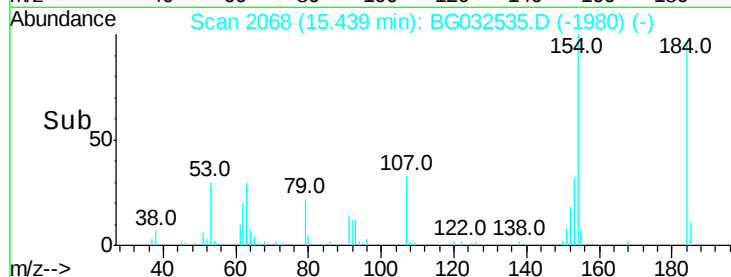
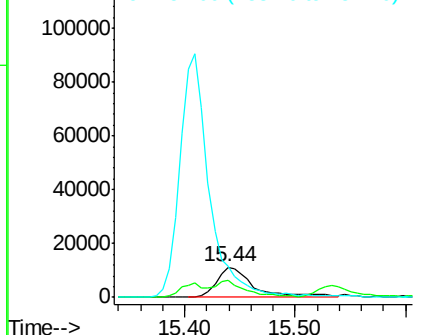
#53
 2,4-Dinitrophenol
 Concen: 37.015 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 25608
 Ion Ratio Lower Upper
 184 100
 63 55.0 59.8 89.8#
 154 103.8 101.8 152.8

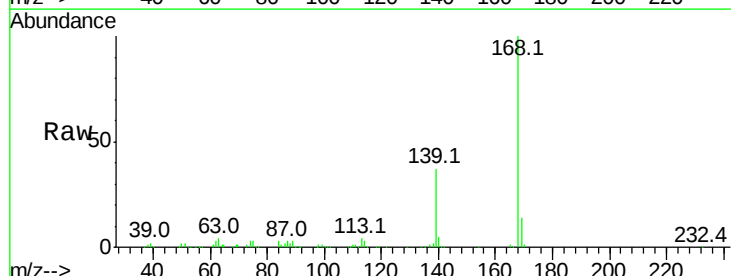


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

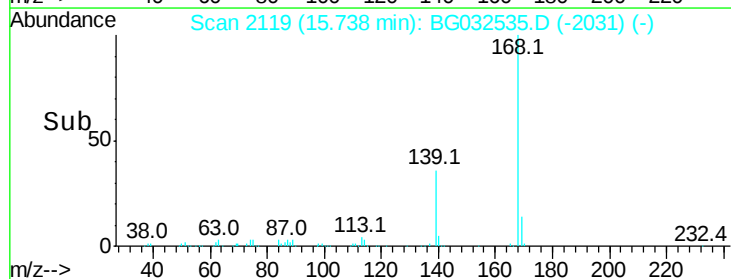
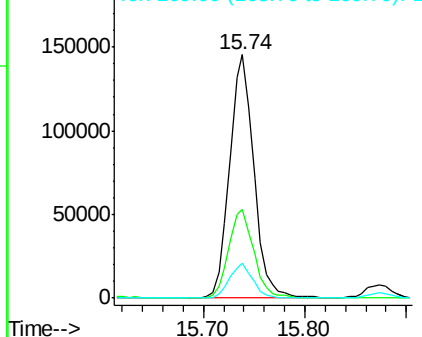


#54
 Dibenzofuran
 Concen: 38.415 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion:168 Resp: 241214
 Ion Ratio Lower Upper
 168 100
 139 36.6 28.6 43.0
 169 14.3 11.2 16.8



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





#55

4-Nitrophenol

Concen: 33.610 ng

RT: 15.53 min Scan# 2084

Delta R.T. 0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

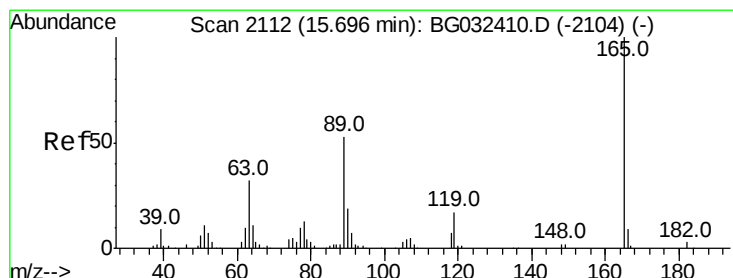
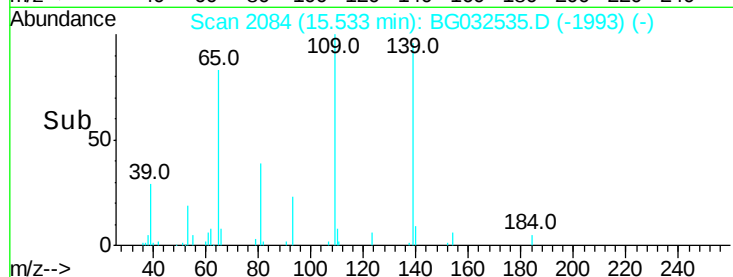
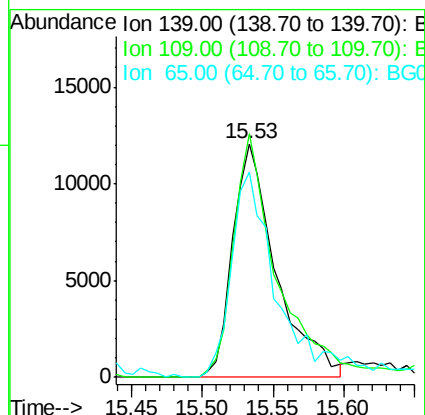
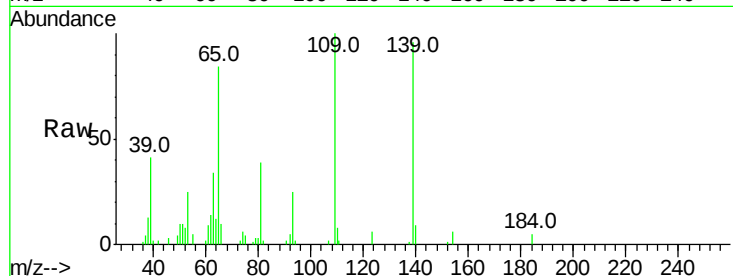
Tot Ion:139 Resp: 25991

Ion Ratio Lower Upper

139 100

109 104.1 62.2 102.2#

65 87.9 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 39.484 ng

RT: 15.69 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Tgt Ion:165 Resp: 66482

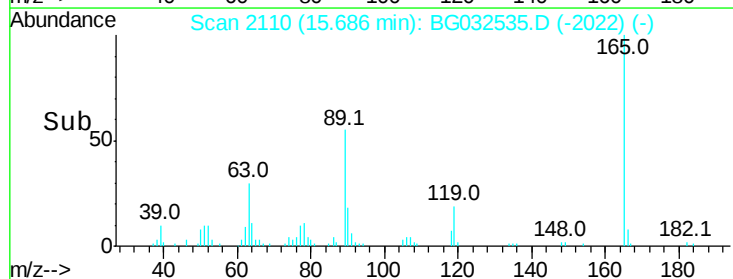
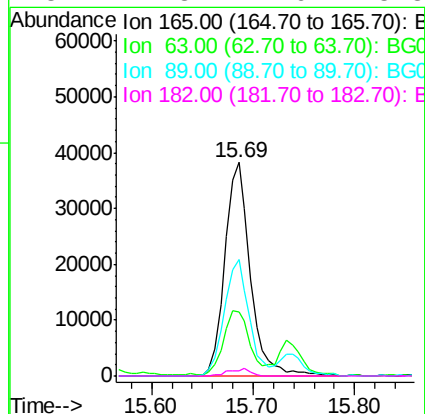
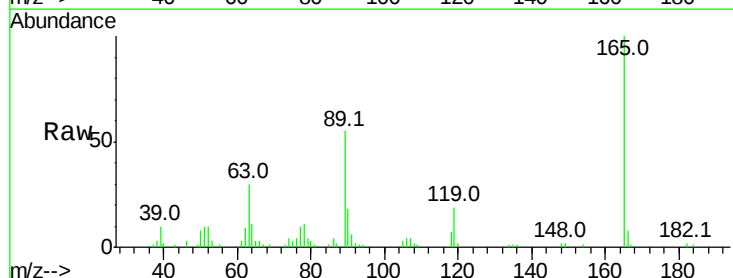
Ion Ratio Lower Upper

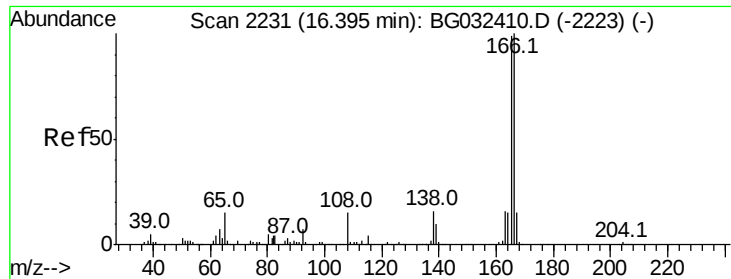
165 100

63 29.9 42.0 63.0#

89 54.8 66.9 100.3#

182 2.3 2.6 3.8#





#57

Fluorene

Concen: 39.354 ng

RT: 16.38 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

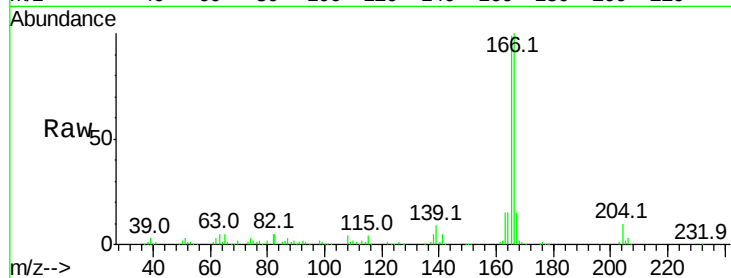
Tot Ion:166 Resp: 205343

Ion Ratio Lower Upper

166 100

165 99.1 80.6 121.0

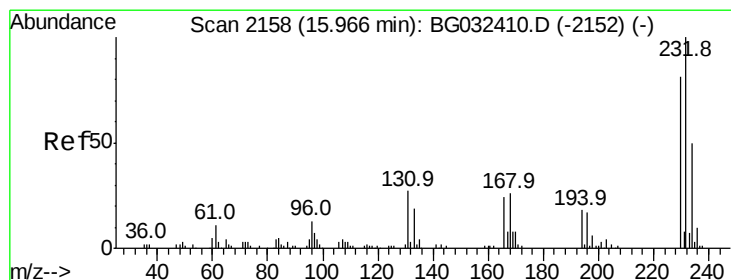
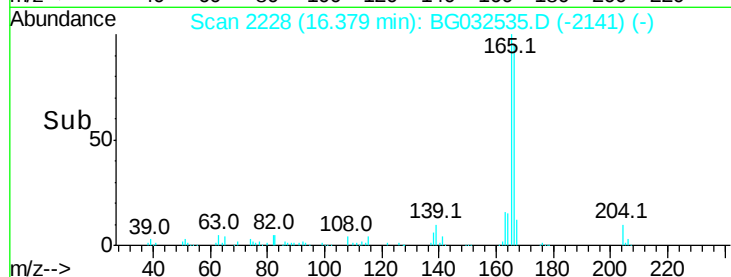
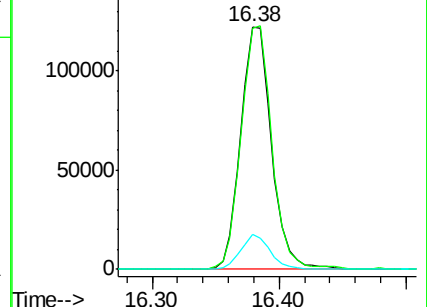
167 14.7 10.4 15.6



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.910 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Tgt Ion:232 Resp: 69565

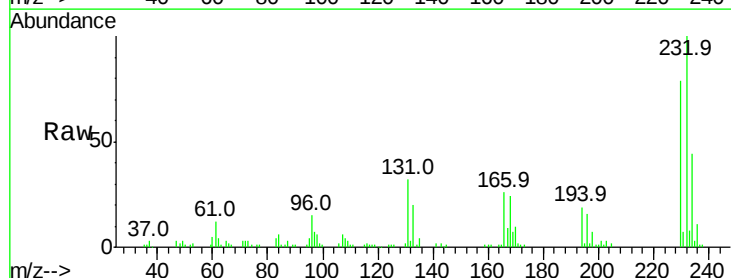
Ion Ratio Lower Upper

232 100

131 30.9 33.5 50.3#

130 1.9 2.2 3.2#

166 23.2 24.8 37.2#

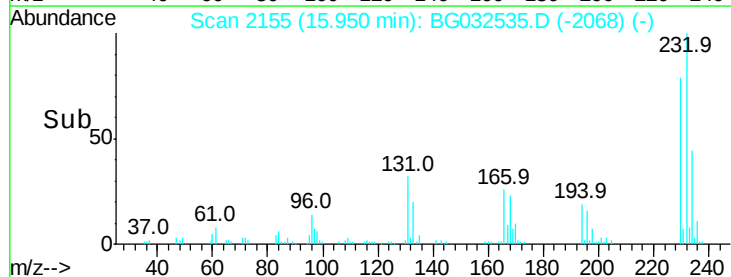
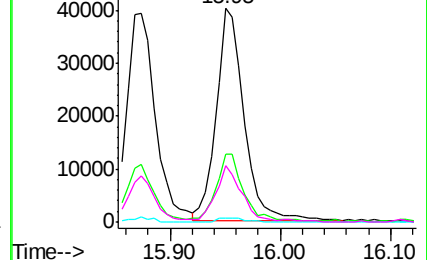


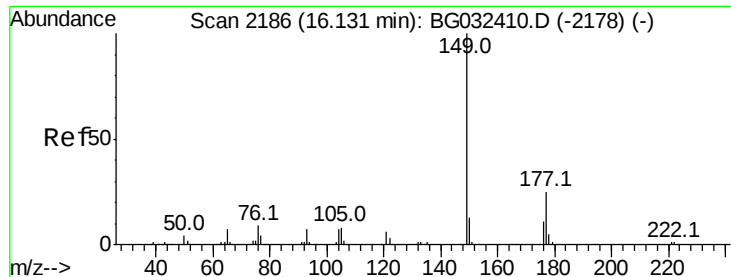
Abundance Ion 232.00 (231.70 to 232.70): E

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

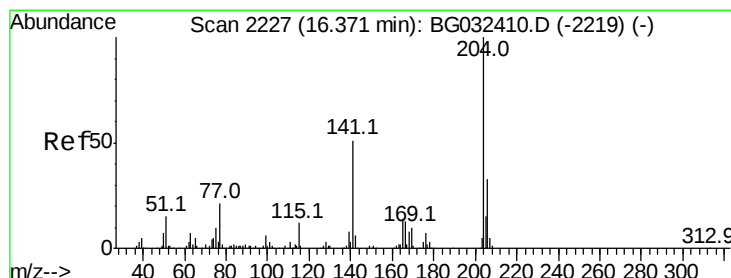
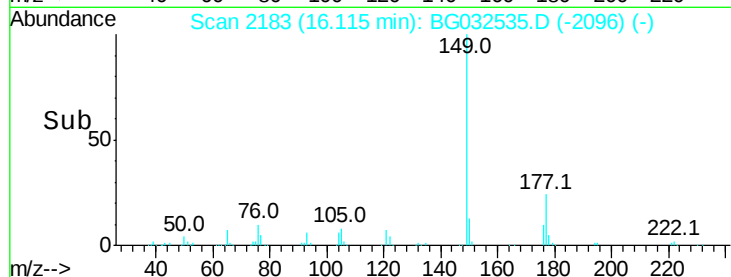
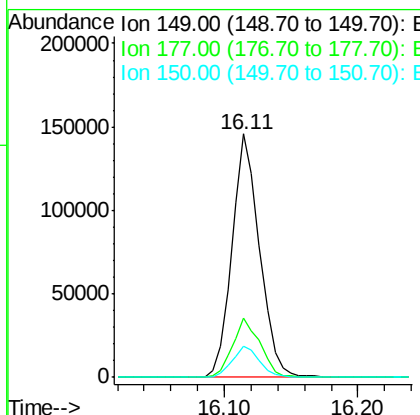
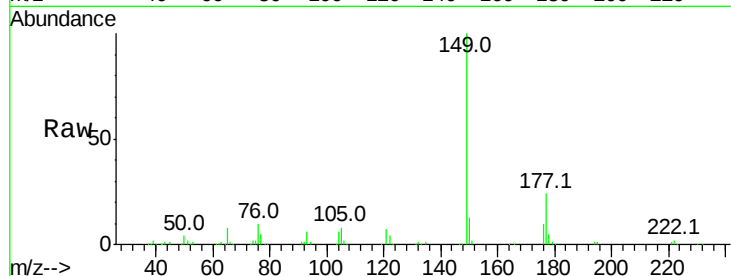




#59
Diethylphthalate
Concen: 38.187 ng
RT: 16.11 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

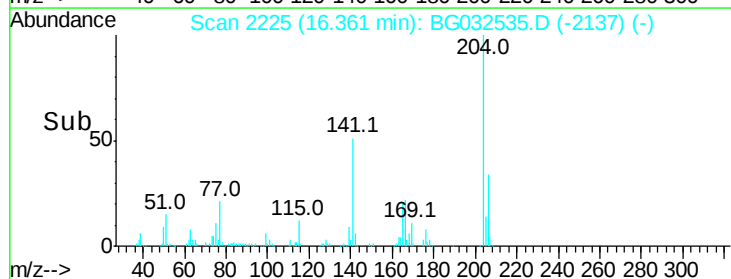
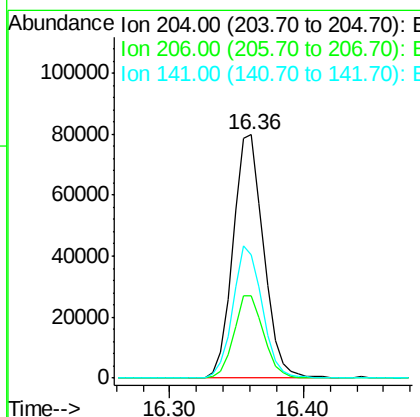
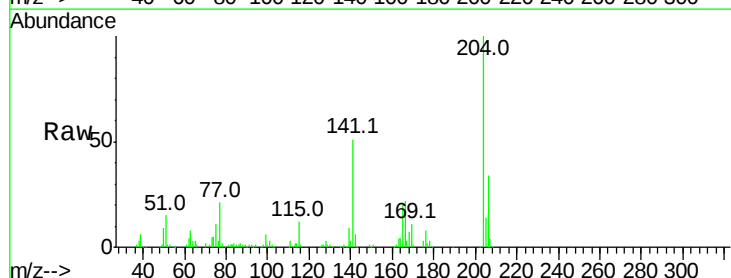
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.5	27.7
150	12.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.562 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.2	39.2
141	50.8	45.8	68.6

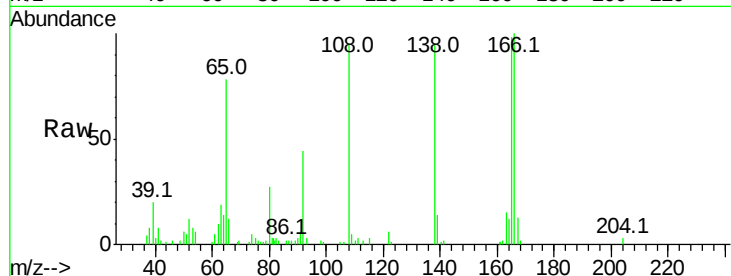




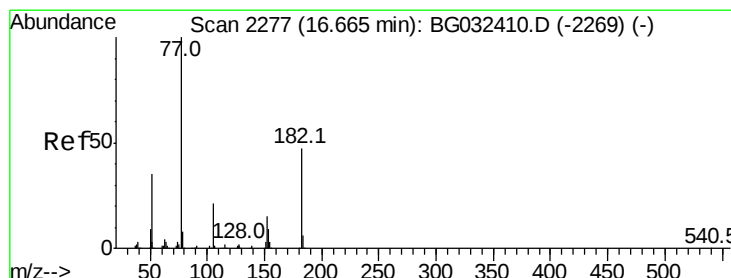
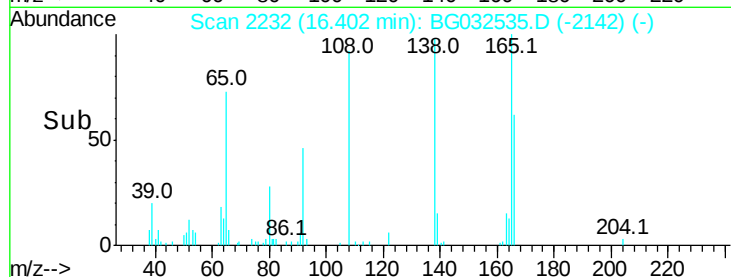
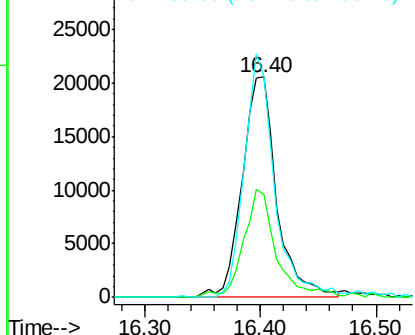
#61
4-Nitroaniline
Concen: 38.739 ng
RT: 16.40 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 42889
Ion Ratio Lower Upper
138 100
92 46.5 40.1 80.1
108 99.8 65.4 105.4

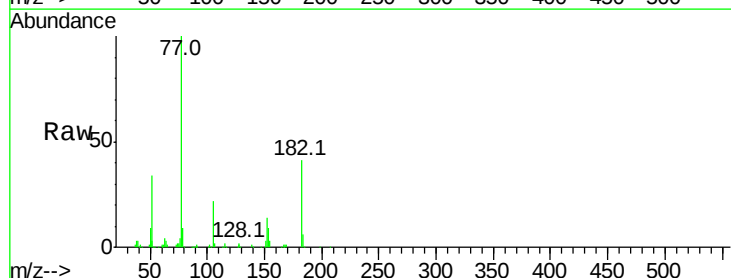


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

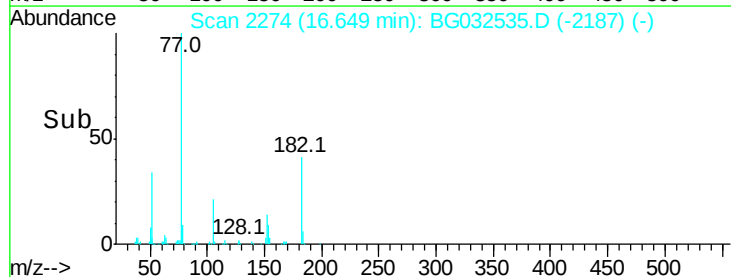
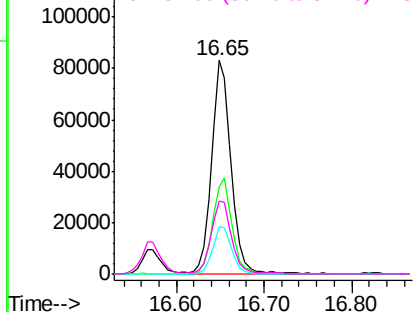


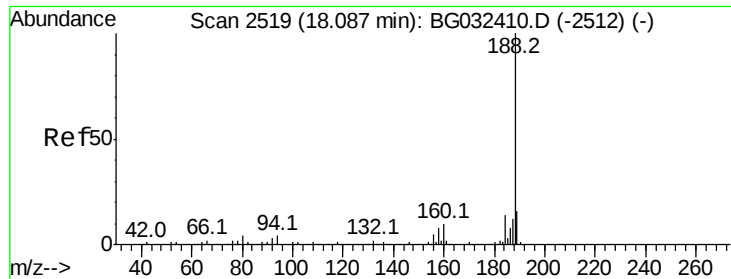
#62
Azobenzene
Concen: 39.148 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion: 77 Resp: 128382
Ion Ratio Lower Upper
77 100
182 40.6 7.4 47.4
105 22.3 0.3 40.3
51 34.0 11.6 51.6



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

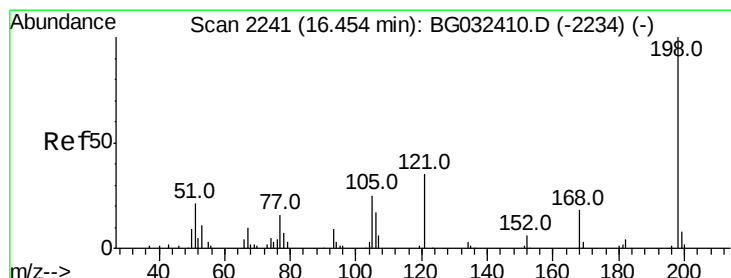
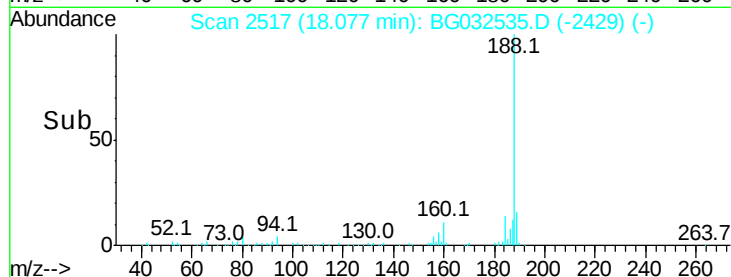
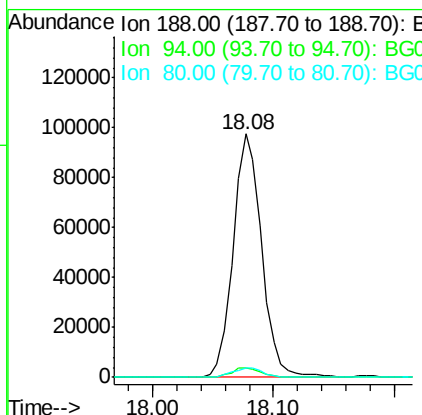
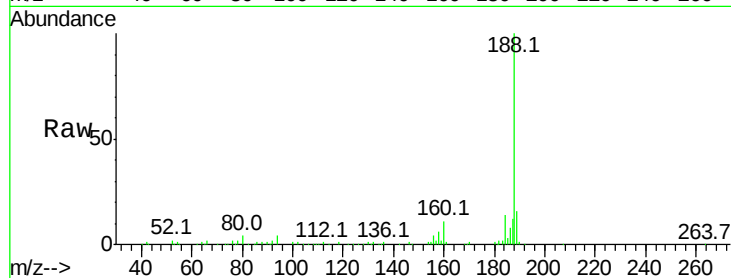




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

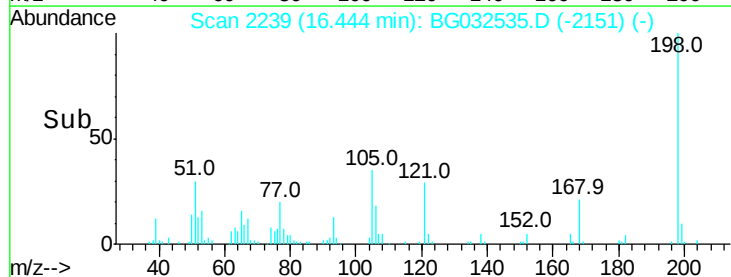
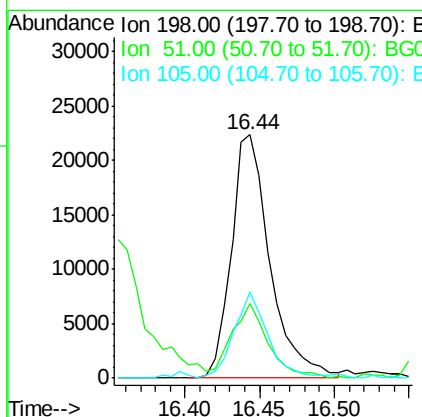
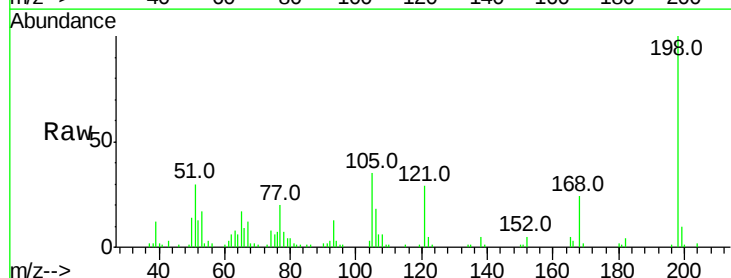
Instrument :
BNA_G
ClientSampleId :

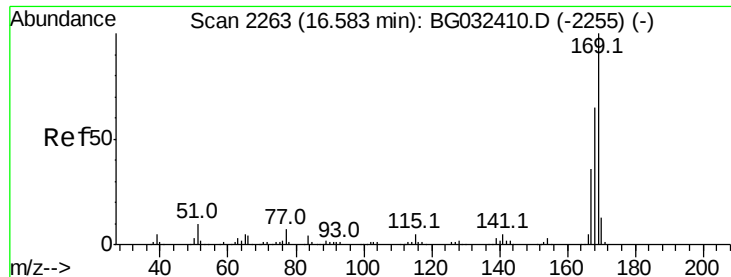
Tot Ion:188 Resp: 159855
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 33.809 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion:198 Resp: 40375
Ion Ratio Lower Upper
198 100
51 30.4 30.6 70.6#
105 35.2 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 39.349 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

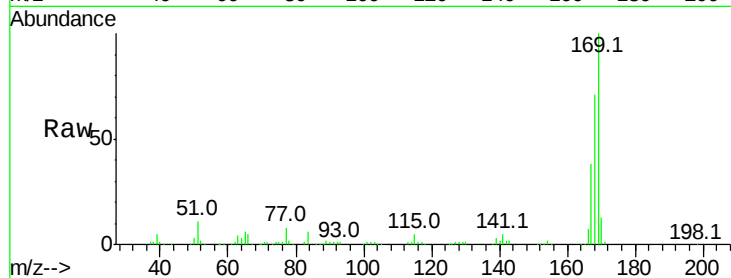
Tot Ion:169 Resp: 187719

Ion Ratio Lower Upper

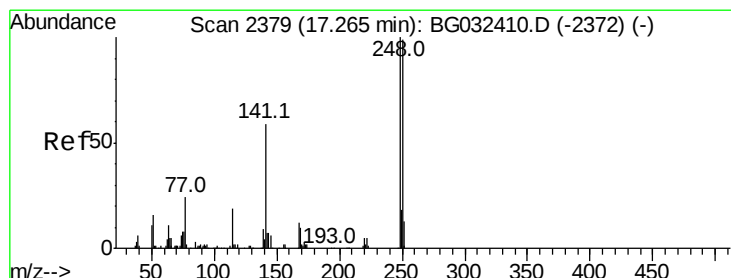
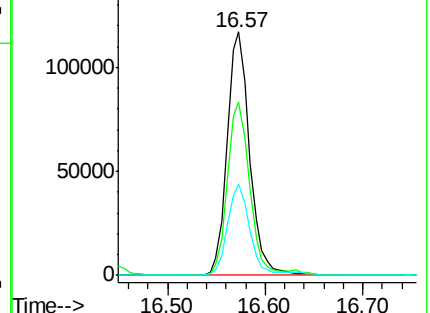
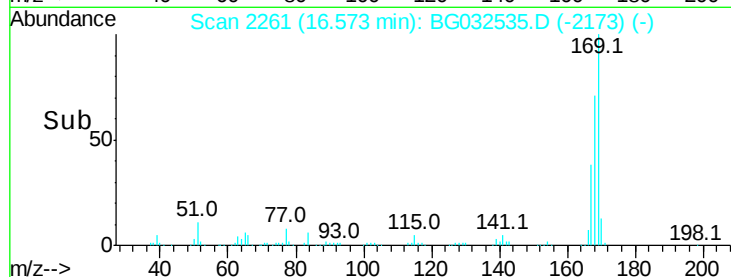
169 100

168 71.3 55.7 83.5

167 37.7 30.1 45.1



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



#66

4-Bromophenyl-phenylether

Concen: 39.238 ng

RT: 17.25 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

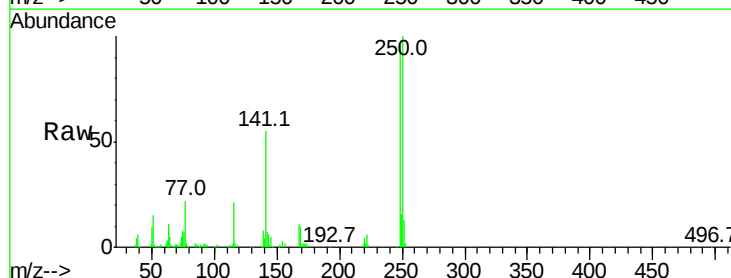
Tgt Ion:248 Resp: 92924

Ion Ratio Lower Upper

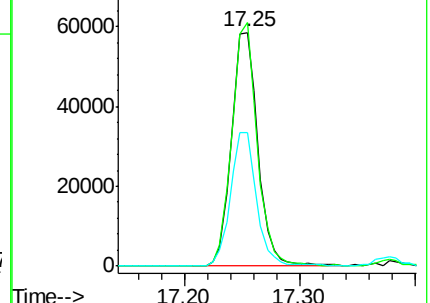
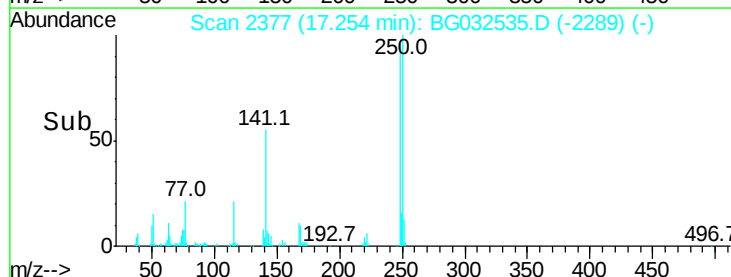
248 100

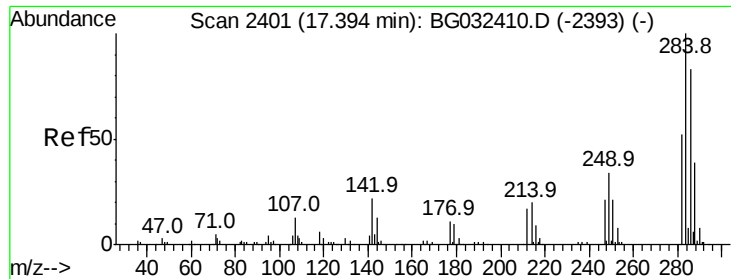
250 104.1 77.1 115.7

141 57.3 50.8 76.2



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





#67

Hexachlorobenzene

Concen: 41.111 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

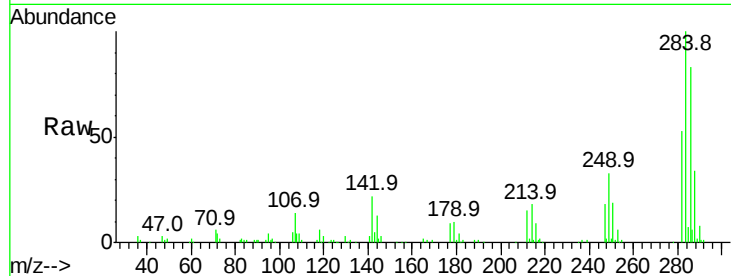
Tot Ion:284 Resp: 107743

Ion Ratio Lower Upper

284 100

142 21.8 26.8 40.2#

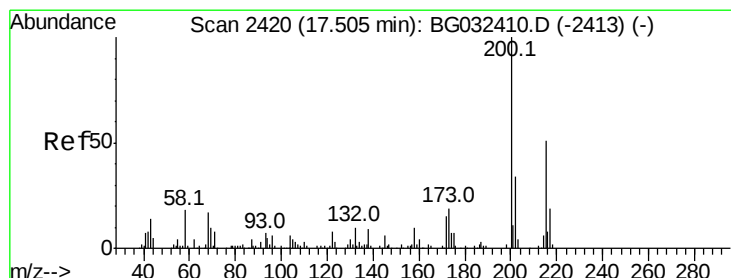
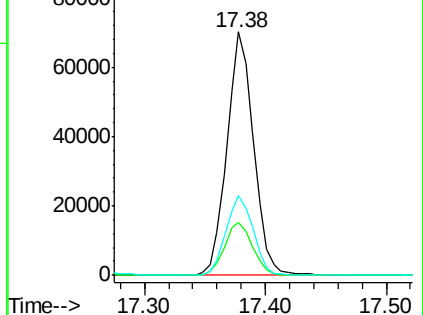
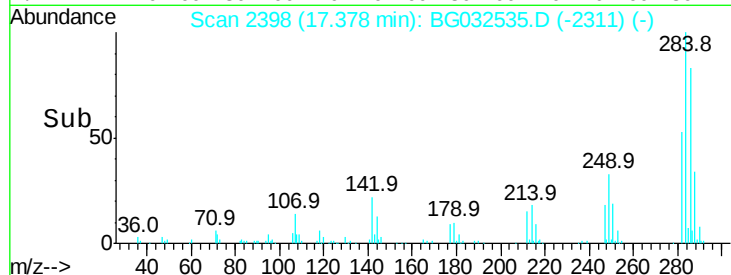
249 32.7 26.3 39.5



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



#68

Atrazine

Concen: 39.266 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

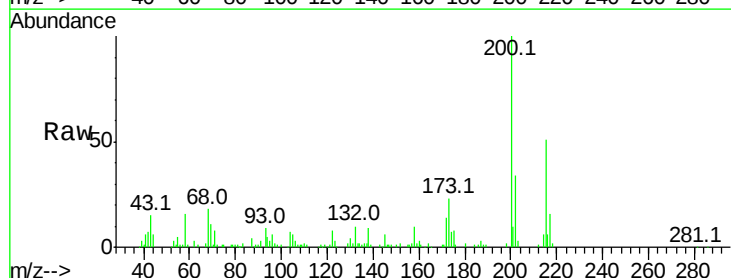
Tgt Ion:200 Resp: 80414

Ion Ratio Lower Upper

200 100

173 22.6 5.2 45.2

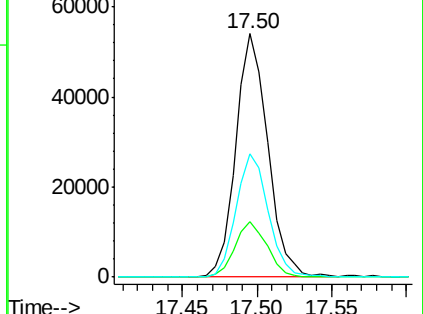
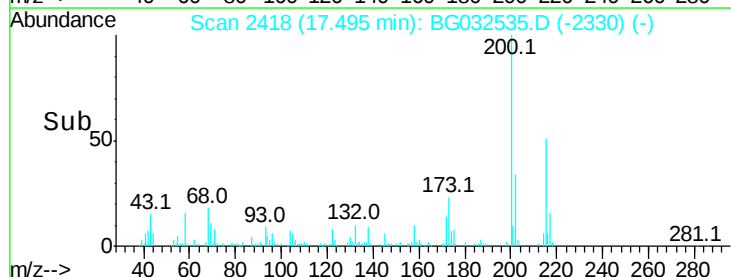
215 50.7 30.4 70.4

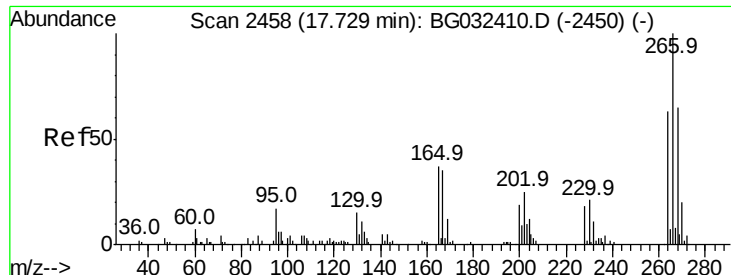


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 37.726 ng

RT: 17.72 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

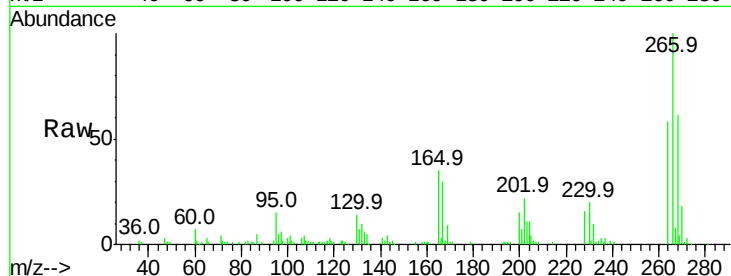
Tot Ion:266 Resp: 61937

Ion Ratio Lower Upper

266 100

268 61.1 51.1 76.7

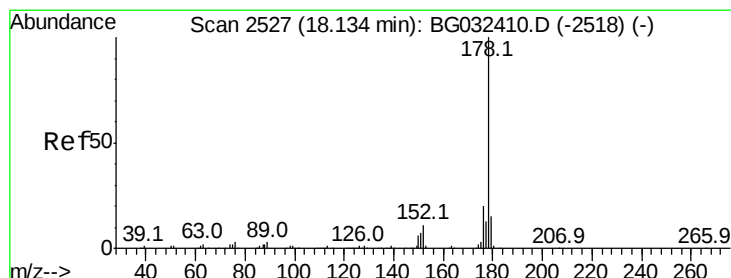
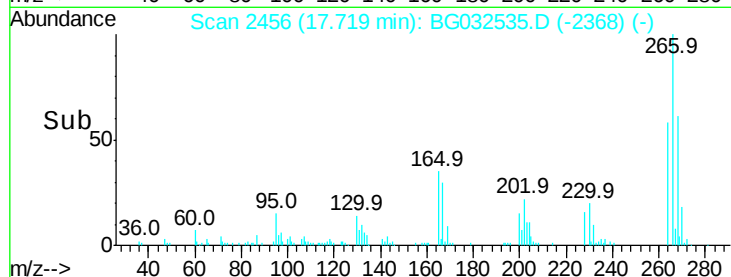
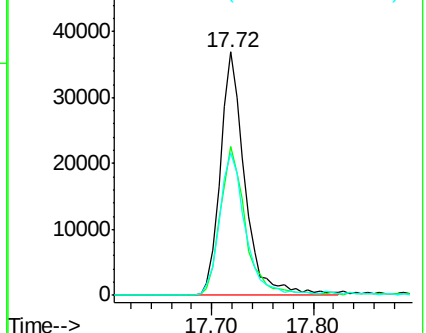
264 58.3 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.003 ng

RT: 18.12 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

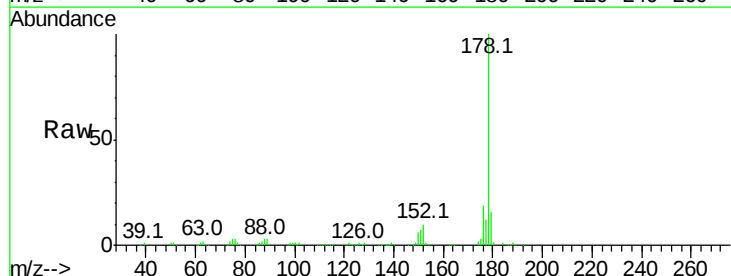
Tgt Ion:178 Resp: 356612

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

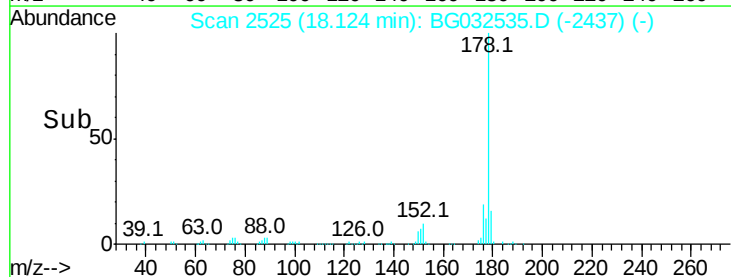
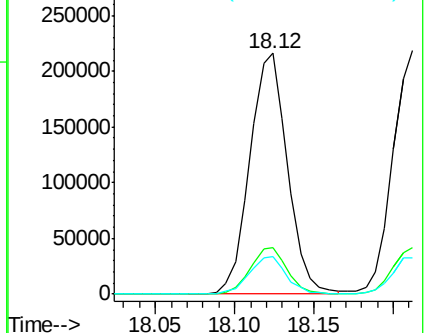
179 15.9 12.5 18.7

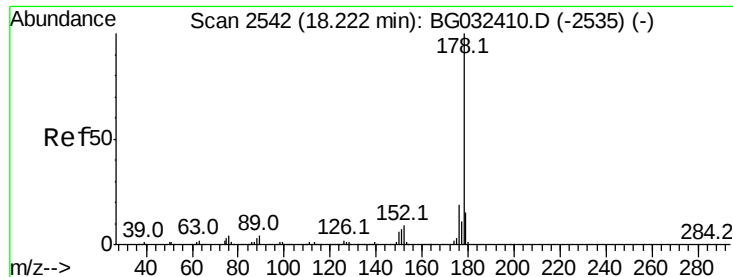


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

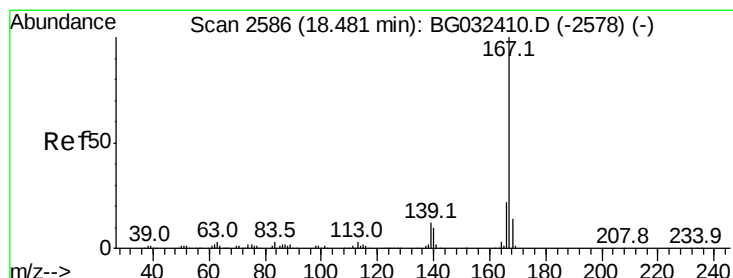
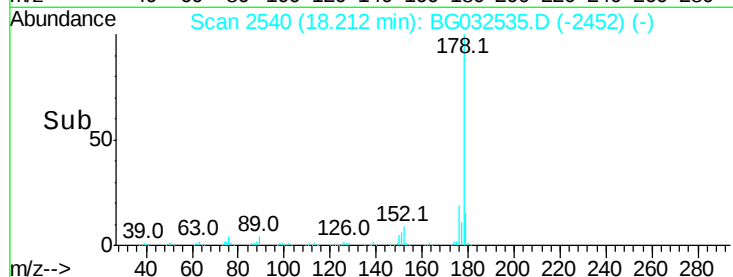
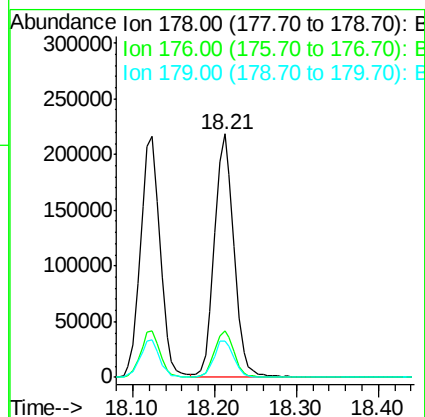
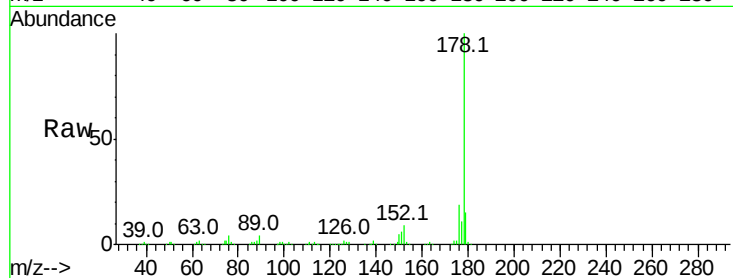




#71
 Anthracene
 Concen: 40.983 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

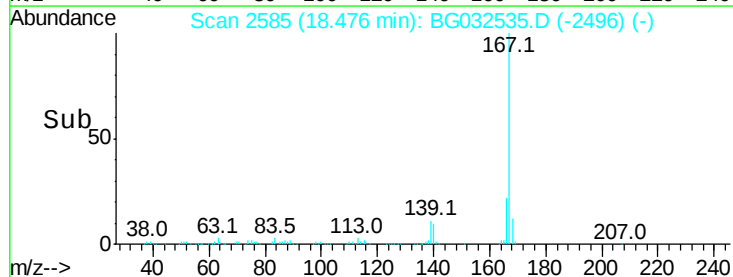
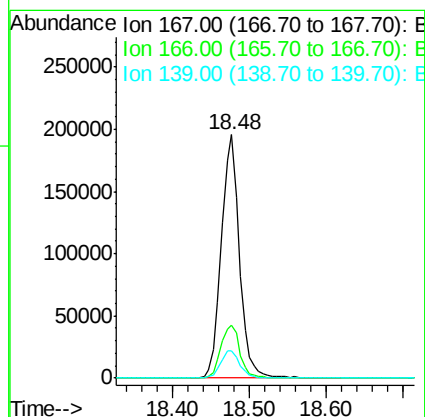
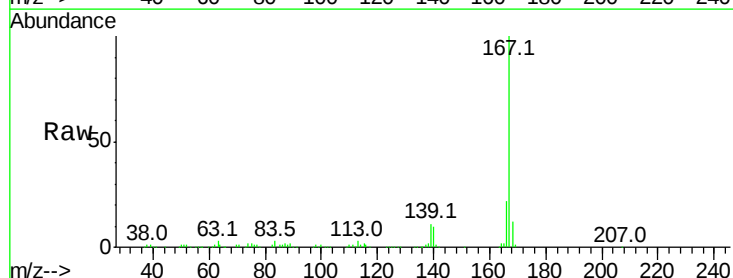
Instrument :
 BNA_G
 ClientSampled :

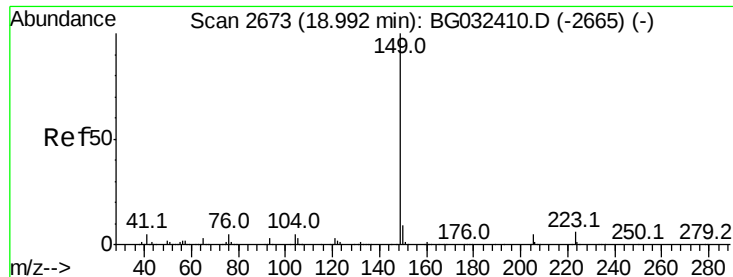
Tot Ion:178 Resp: 363777
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 14.8 12.5 18.7



#72
 Carbazole
 Concen: 40.574 ng
 RT: 18.48 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion:167 Resp: 318210
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 11.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.443 ng

RT: 18.98 min Scan# 2670

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

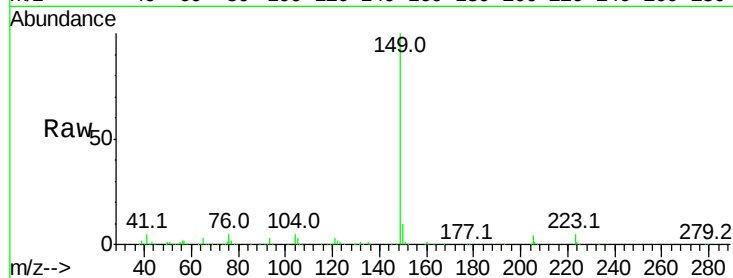
Tot Ion:149 Resp: 368544

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

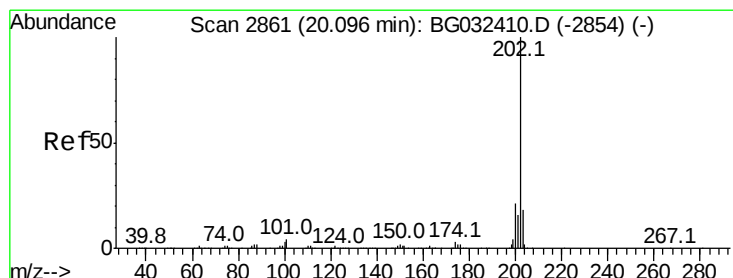
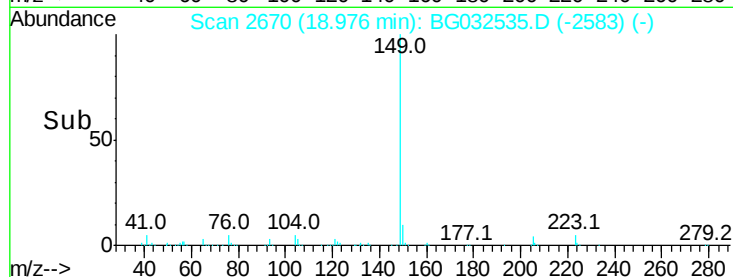
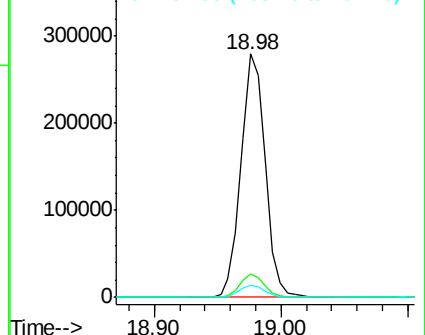
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.220 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

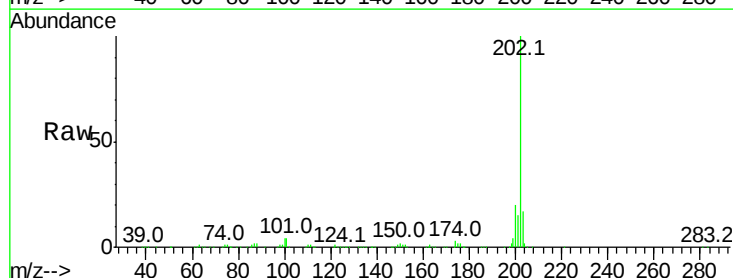
Tgt Ion:202 Resp: 470206

Ion Ratio Lower Upper

202 100

101 4.1 0.0 28.9

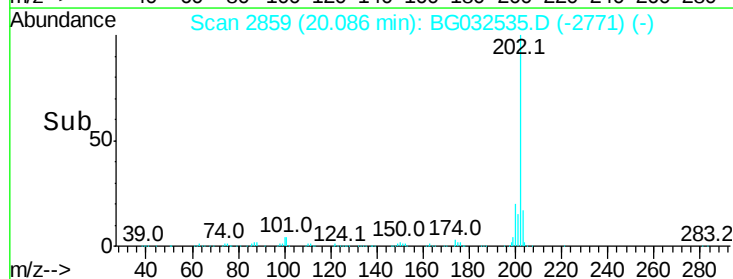
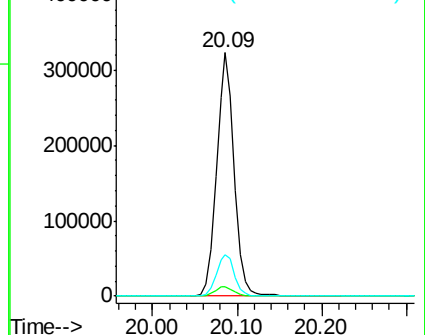
203 17.0 0.0 37.5

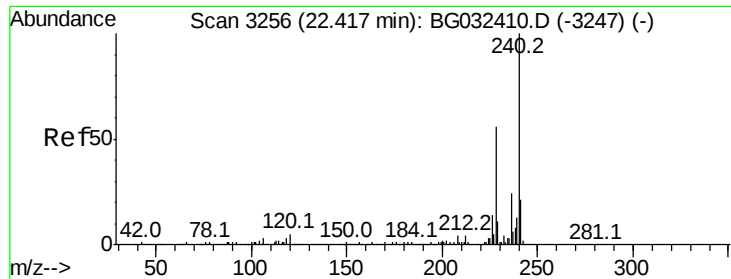


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

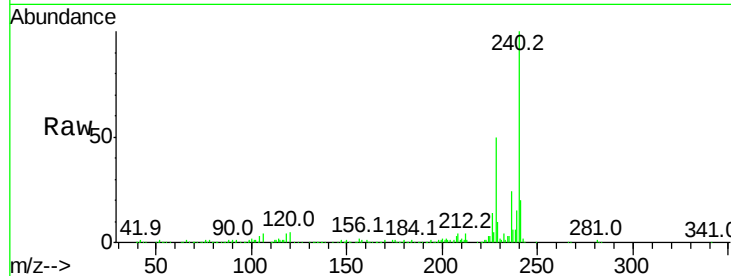
Tot Ion:240 Resp: 187311

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

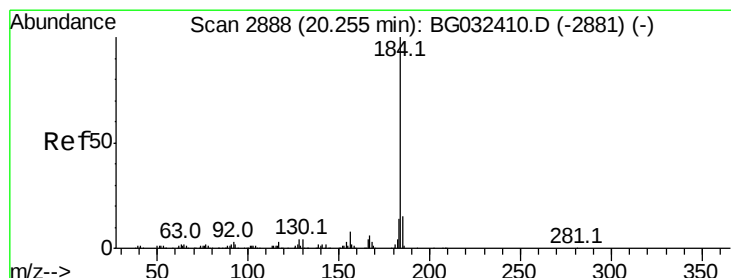
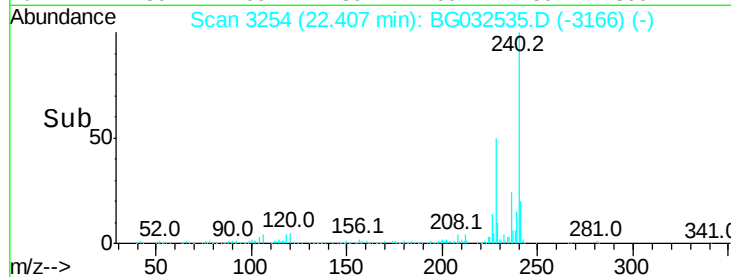
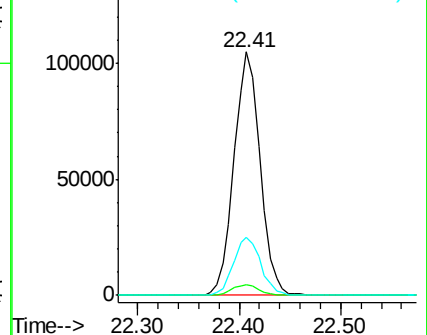
236 24.0 20.9 31.3



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



#76

Benzidine

Concen: 47.804 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

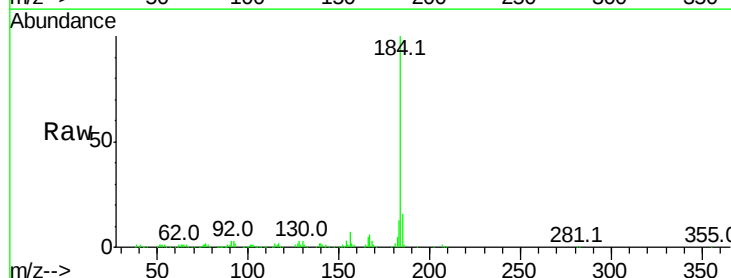
Tgt Ion:184 Resp: 175824

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

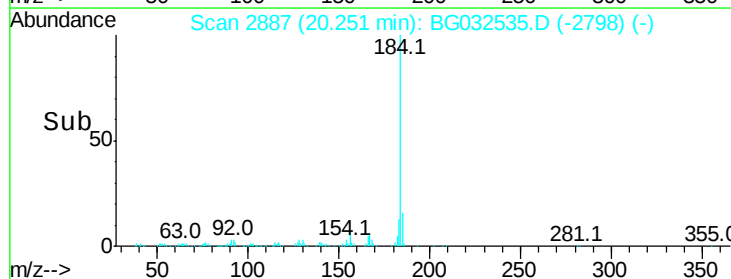
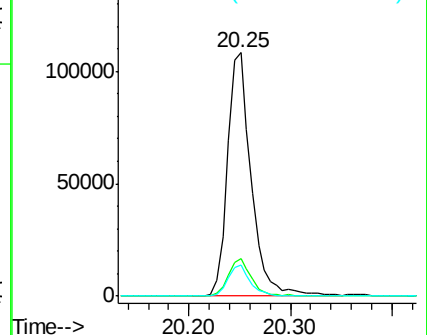
183 12.8 10.6 16.0

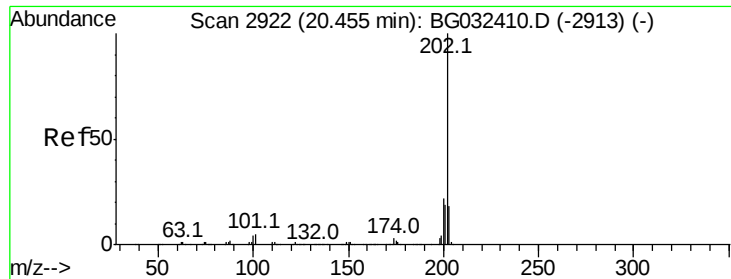


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

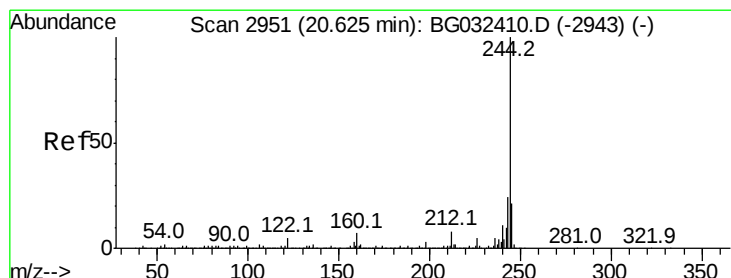
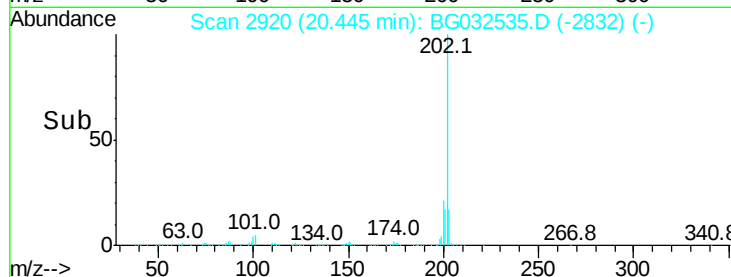
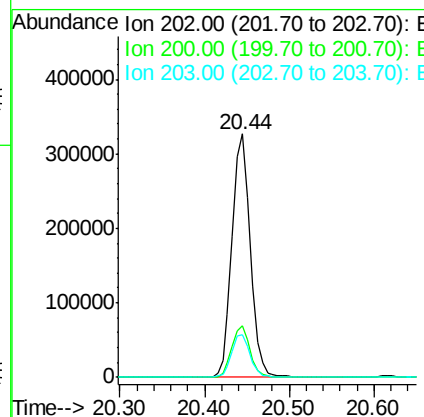
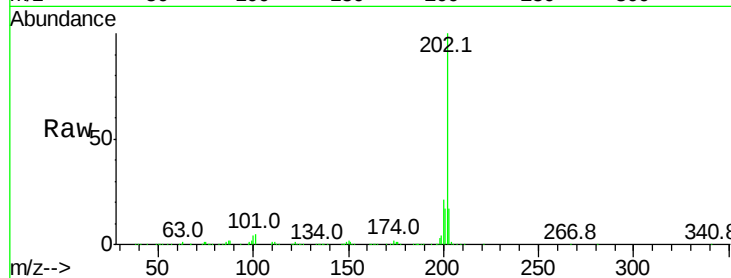




#77
 Pvrene
 Concen: 42.380 ng
 RT: 20.44 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

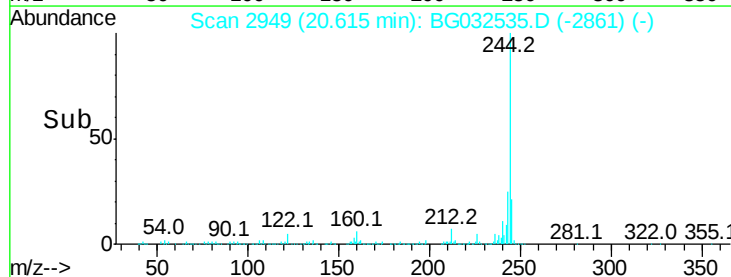
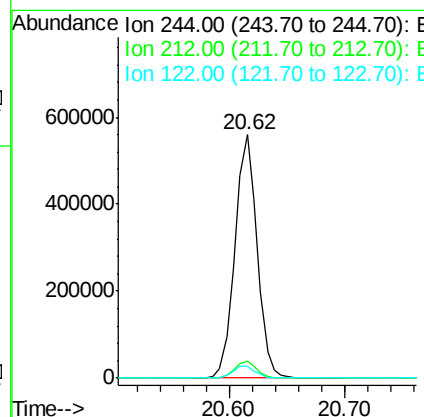
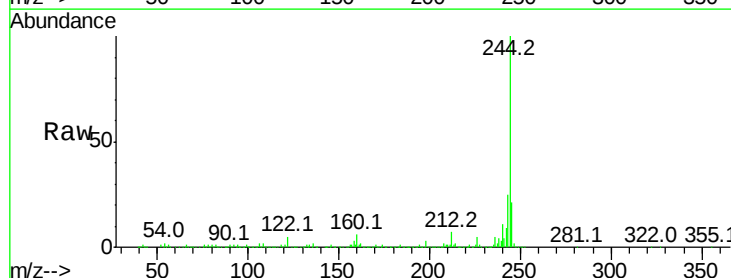
Instrument :
 BNA_G
 ClientSampleId :

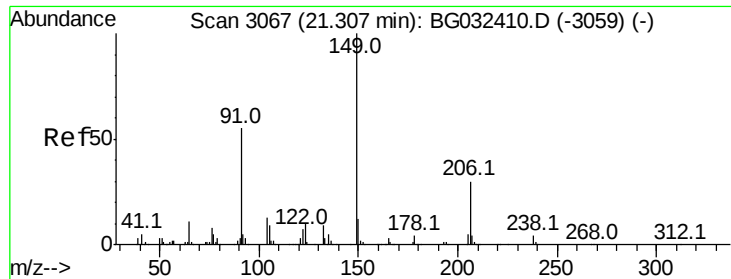
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.4	13.9	20.9



#78
 Terphenyl-d14
 Concen: 84.802 ng
 RT: 20.62 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	5.0	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 47.855 ng

RT: 21.30 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

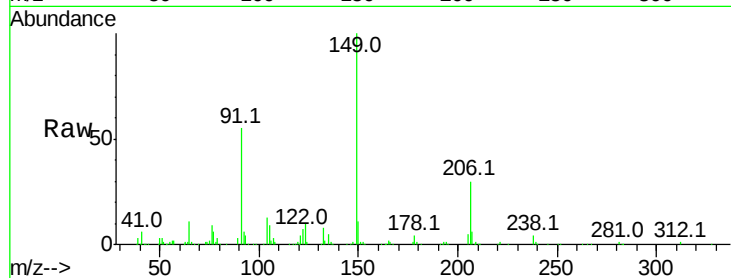
Tot Ion:149 Resp: 173415

Ion Ratio Lower Upper

149 100

91 54.6 62.2 93.2#

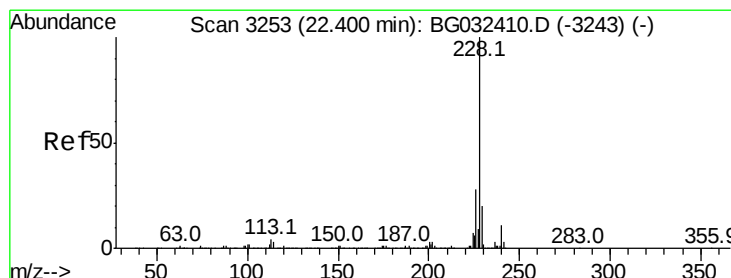
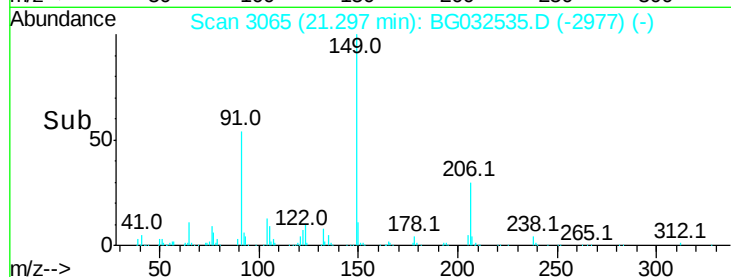
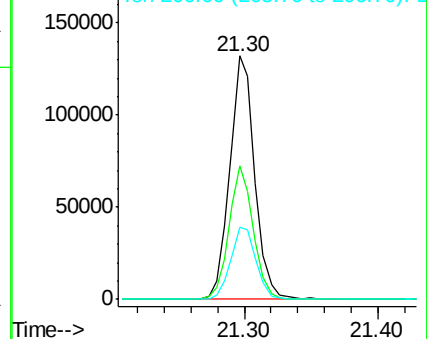
206 29.8 18.6 27.8#



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



#80

Benzo(a)anthracene

Concen: 40.068 ng

RT: 22.38 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

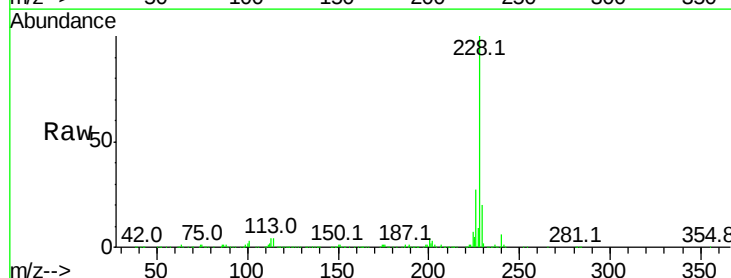
Tgt Ion:228 Resp: 465280

Ion Ratio Lower Upper

228 100

226 27.3 22.7 34.1

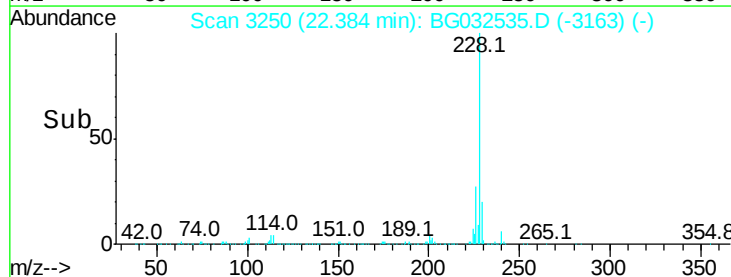
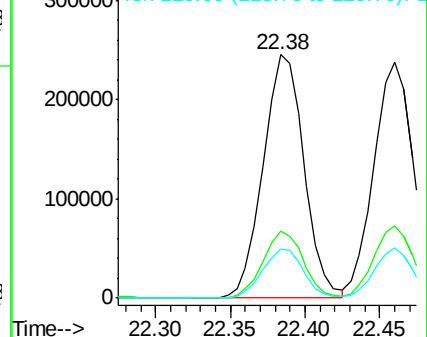
229 20.2 16.2 24.2

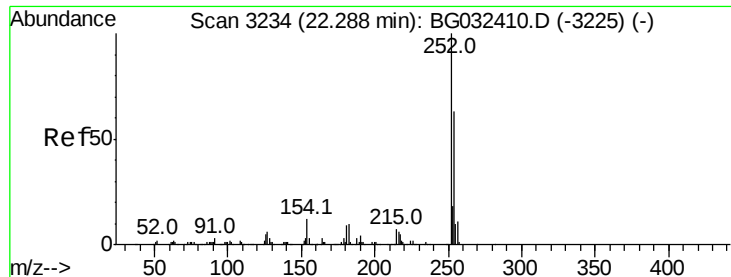


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

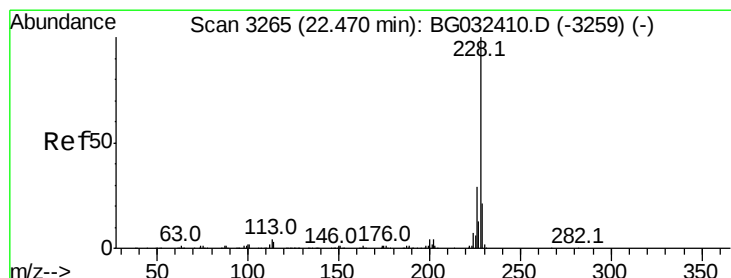
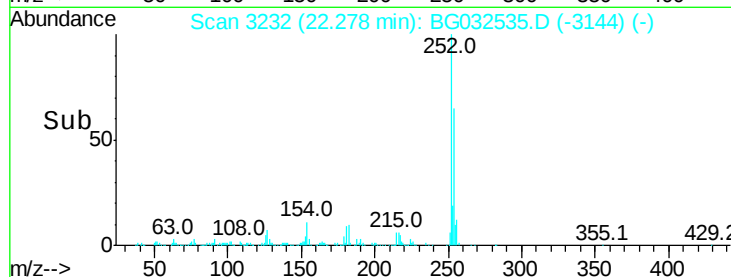
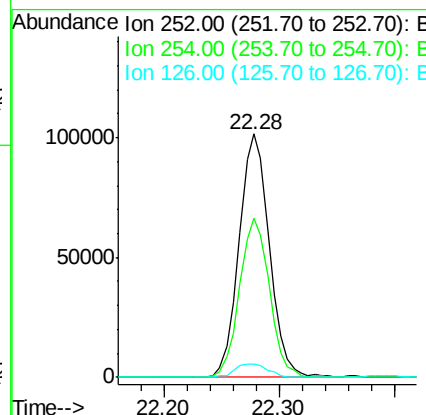
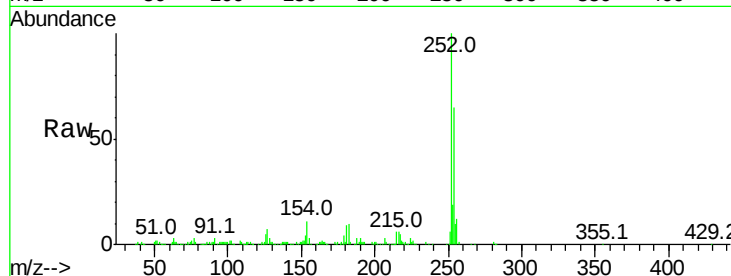




#81
 3,3'-Dichlorobenzidine
 Concen: 40.963 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

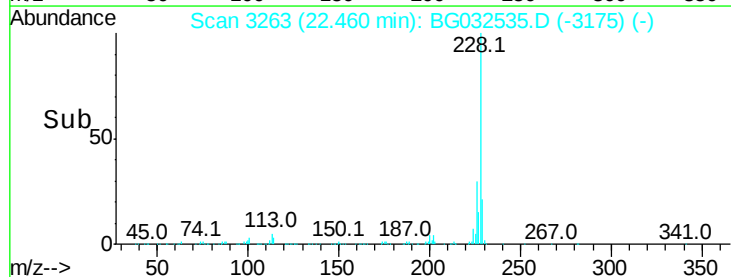
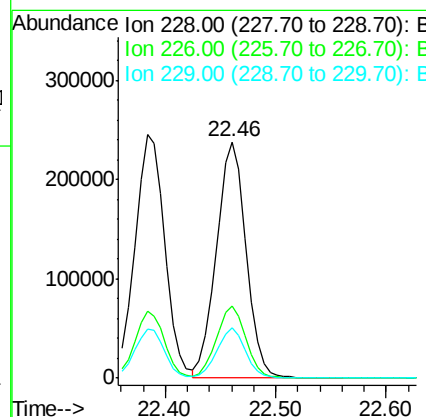
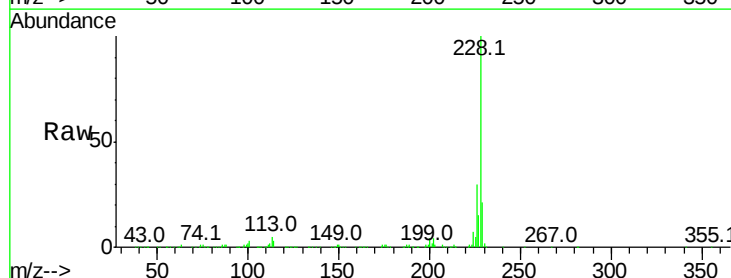
Instrument :
 BNA_G
 ClientSampleId :

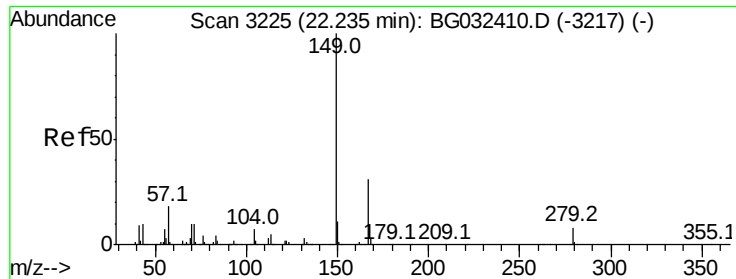
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.8	76.2
126	5.3	7.4	11.2#



#82
 Chrysene
 Concen: 39.352 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.1	15.0	22.4

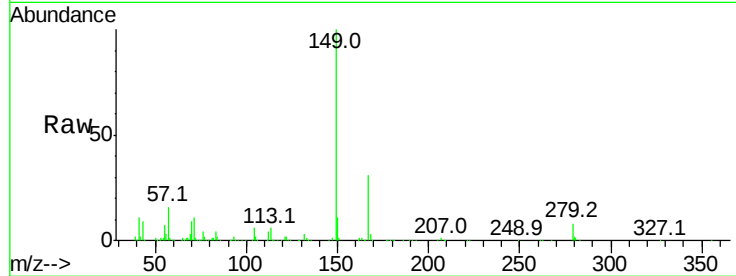




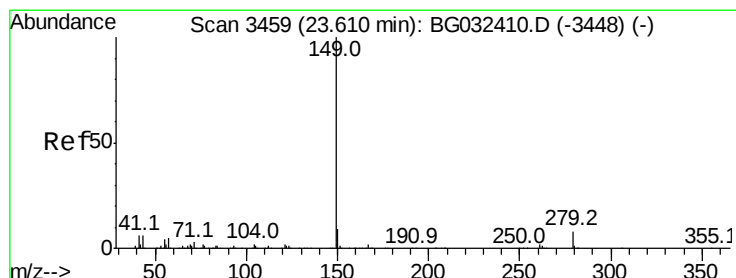
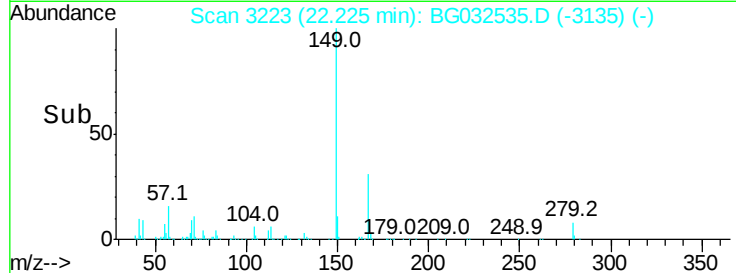
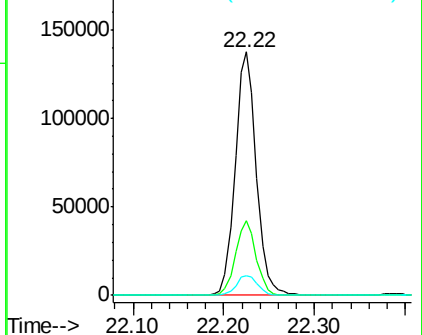
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.322 ng
 RT: 22.22 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	8.1	4.0	6.0

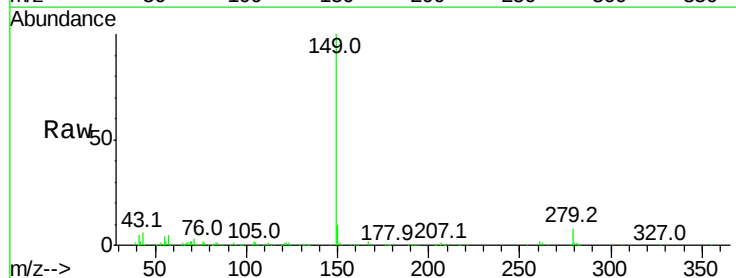


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

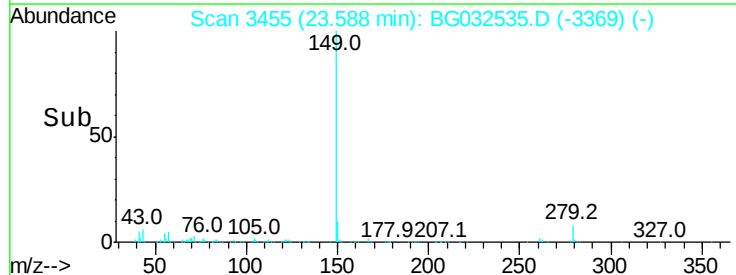
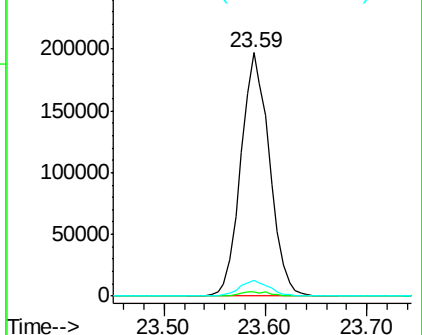


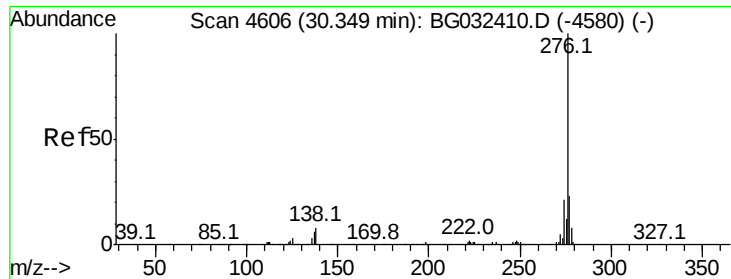
#84
 Di-n-octyl phthalate
 Concen: 47.332 ng
 RT: 23.59 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	6.3	8.9	13.3



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): BG

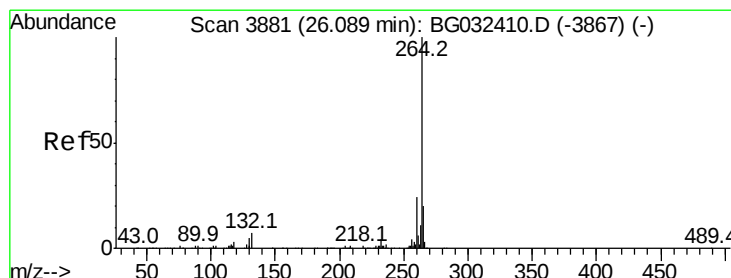
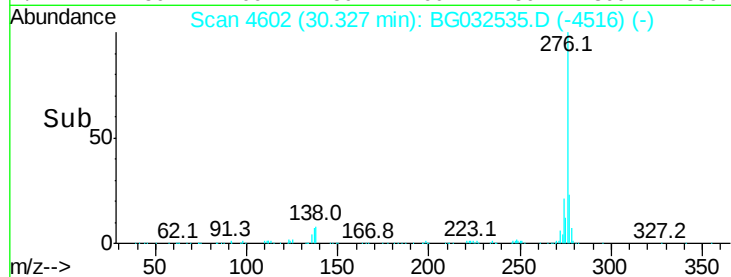
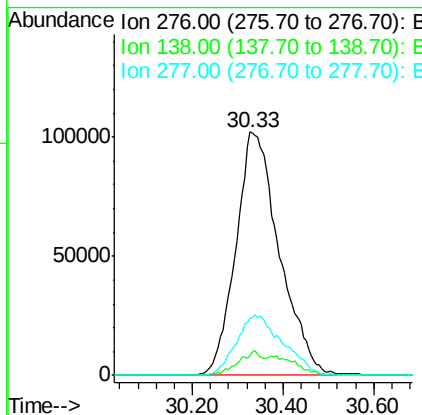
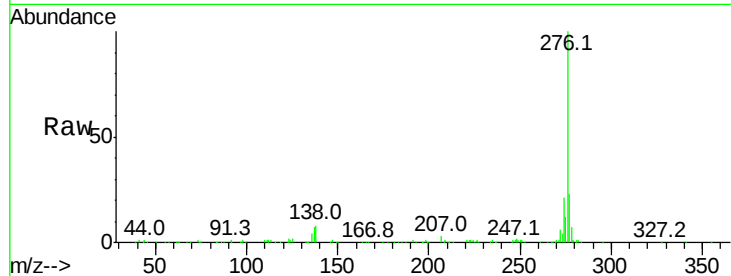




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.983 ng
 RT: 30.33 min Scan# 4602
 Delta R.T. -0.02 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

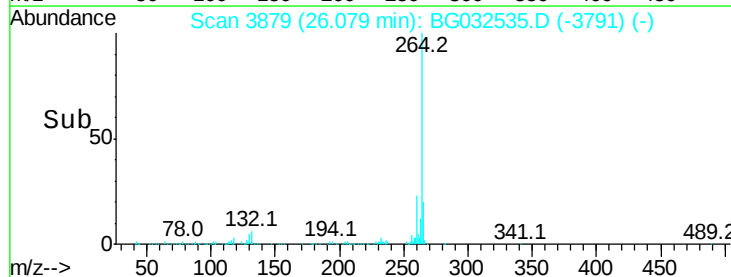
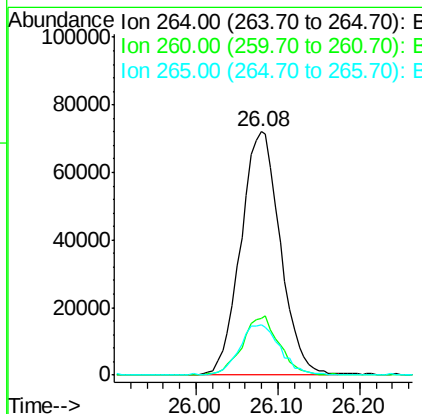
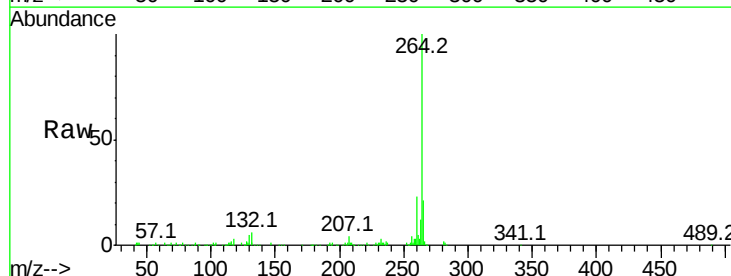
Instrument :
 BNA_G
 ClientSampleId :

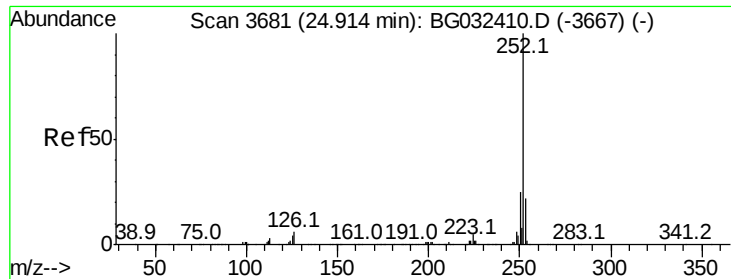
Tot Ion	Ratio	Lower	Upper
276	100		
138	5.4	16.0	24.0#
277	26.3	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032535.D
 Acq: 5 Feb 2018 15:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	20.6	17.7	26.5

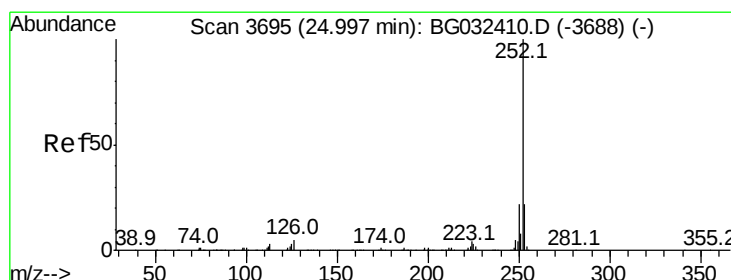
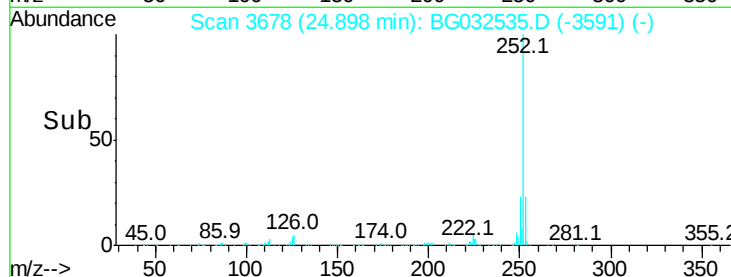
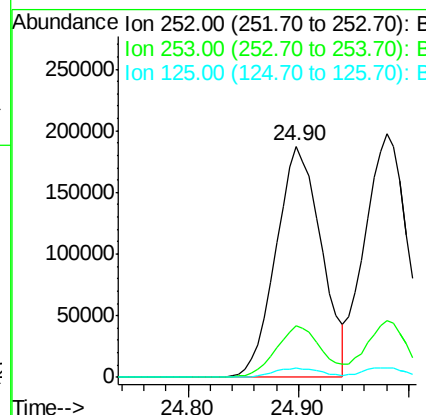
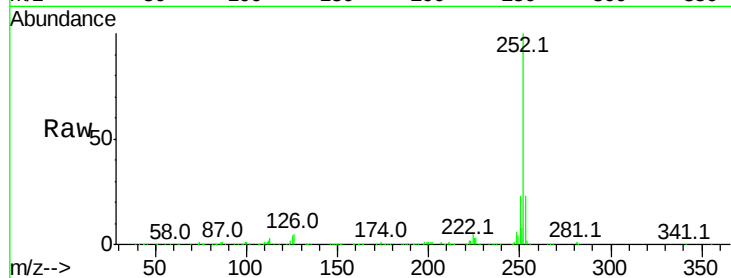




#87
Benzo(b)fluoranthene
Concen: 36.459 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

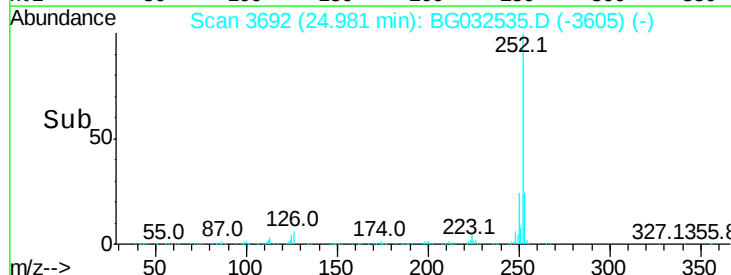
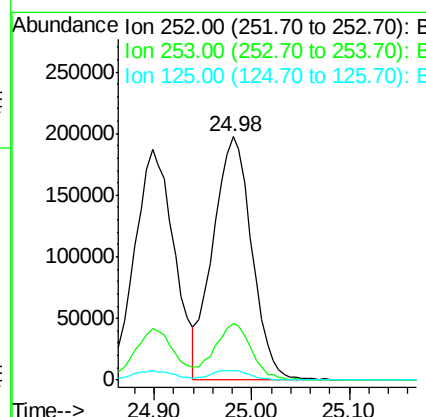
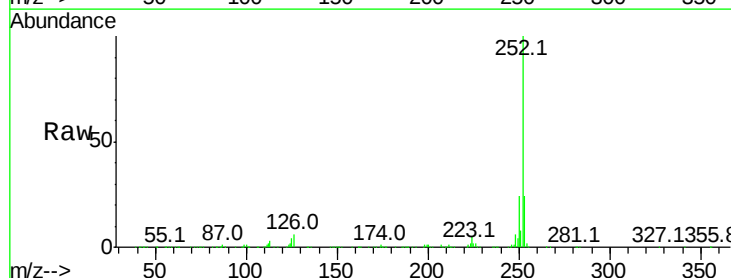
Instrument :
BNA_G
ClientSampled :

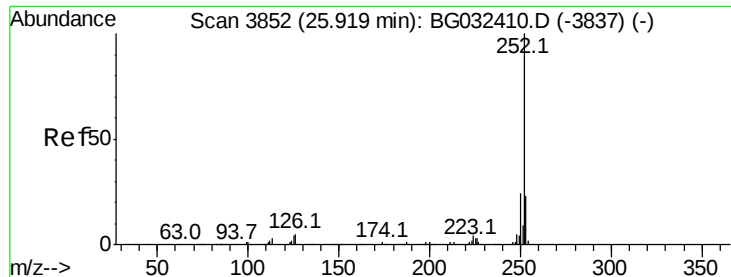
Tot Ion:252 Resp: 533127
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 3.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 37.336 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG032535.D
Acq: 5 Feb 2018 15:53

Tgt Ion:252 Resp: 540829
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 4.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 39.522 ng

RT: 25.90 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampled :

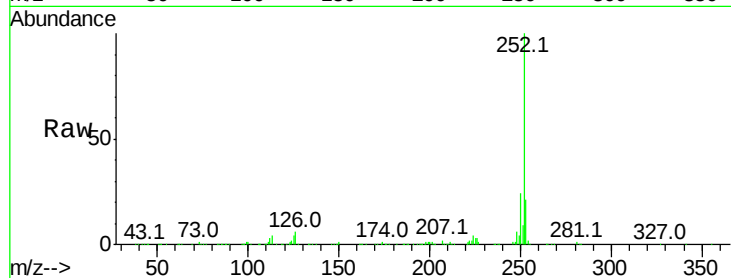
Tot Ion:252 Resp: 550955

Ion Ratio Lower Upper

252 100

253 21.1 18.3 27.5

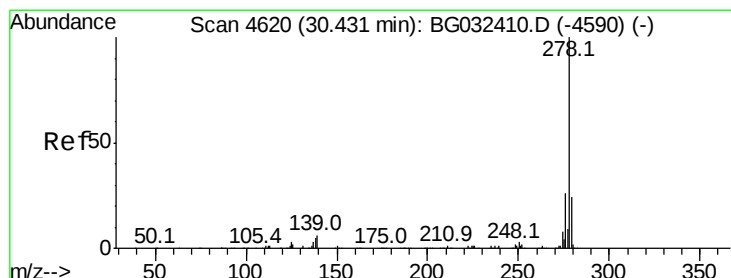
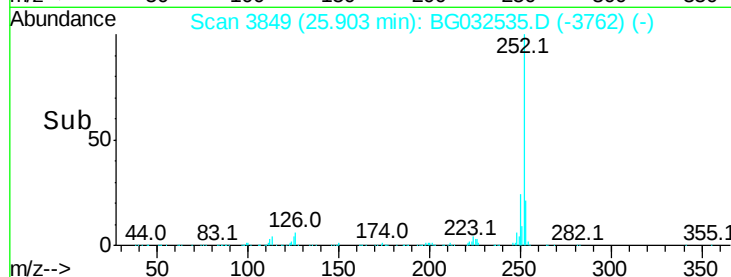
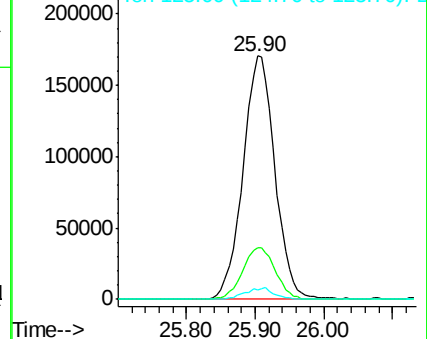
125 3.8 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 40.230 ng

RT: 30.41 min Scan# 4616

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

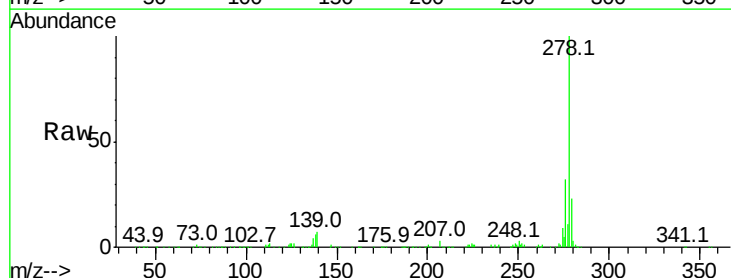
Tgt Ion:278 Resp: 573704

Ion Ratio Lower Upper

278 100

139 7.3 9.8 14.6#

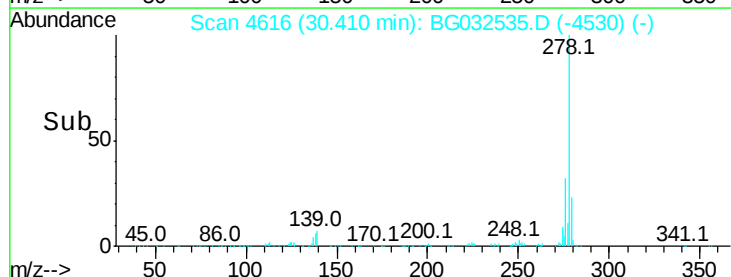
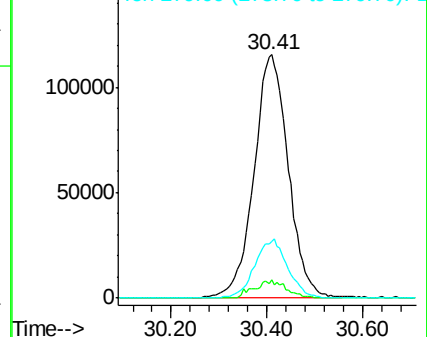
279 23.3 18.4 27.6

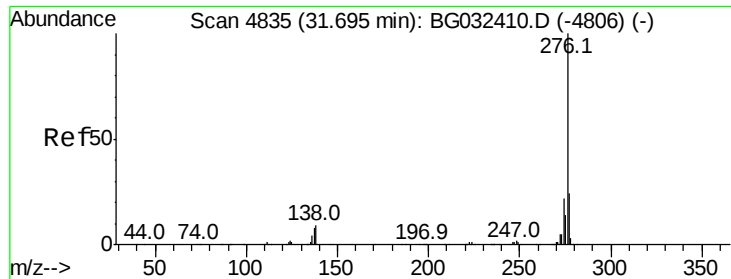


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.365 ng

RT: 31.68 min Scan# 4832

Delta R.T. -0.02 min

Lab File: BG032535.D

Acq: 5 Feb 2018 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 557205

Ion Ratio Lower Upper

276 100

277 22.8 18.3 27.5

138 8.9 13.9 20.9#

