

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032540.D
 Acq On : 5 Feb 2018 19:02
 Operator : SJ/JU
 Sample : J1161-02
 Misc : L00 20PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 03:21:09 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	17521	20.00	ng	-0.02
21) Naphthalene-d8	11.59	136	71524	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	50962	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	124580	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	159000	20.00	ng	-0.02
86) Perylene-d12	26.08	264	182666	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	122249	140.14	ng	0.00
7) Phenol-d6	7.83	99	148536	127.60	ng	0.00
23) Nitrobenzene-d5	9.91	82	87495	76.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	135243	139.42	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	334835	78.09	ng	-0.02
78) Terphenyl-d14	20.61	244	668898	90.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	4785	16.304	ng	# 69
3) Pyridine	4.26	79	12100	15.268	ng	# 68
4) n-Nitrosodimethylamine	4.18	42	6047	14.658	ng	# 66
6) Aniline	8.00	93	9599	6.614	ng	# 91
8) 2-Chlorophenol	8.26	128	18855	18.286	ng	# 82
9) Benzaldehyde	7.81	77	13416	22.315	ng	97
10) Phenol	7.85	94	19713	17.833	ng	85
11) bis(2-Chloroethyl)ether	8.09	93	14348	17.035	ng	85
12) 1,3-Dichlorobenzene	8.59	146	21555	15.457	ng	# 91
13) 1,4-Dichlorobenzene	8.59	146	21555	15.422	ng	90
14) 1,2-Dichlorobenzene	9.08	146	21172	15.463	ng	89
15) Benzyl Alcohol	8.95	79	14918	15.550	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.23	45	12487	15.645	ng	62
17) 2-Methylphenol	9.15	107	14234	15.854	ng	96
18) Hexachloroethane	9.82	117	8076	17.210	ng	93
19) n-Nitroso-di-n-propylamine	9.52	70	11290	14.628	ng	# 84
20) 3+4-Methylphenols	9.49	107	19740	15.675	ng	95
22) Acetophenone	9.55	105	26887	16.037	ng	# 85
24) Nitrobenzene	9.95	77	17145	15.484	ng	# 86
25) Isophorone	10.47	82	32982	16.915	ng	# 91
26) 2-Nitrophenol	10.68	139	11522	17.214	ng	# 69
27) 2,4-Dimethylphenol	10.71	122	16756	17.441	ng	84
28) bis(2-Chloroethoxy)methane	10.96	93	17807	16.654	ng	# 93
29) 2,4-Dichlorophenol	11.22	162	18607	14.620	ng	86
30) 1,2,4-Trichlorobenzene	11.44	180	25296	14.913	ng	96
31) Naphthalene	11.64	128	58557	16.763	ng	# 93
32) Benzoic acid	10.81	122	6769	15.295	ng	# 65
33) 4-Chloroaniline	11.74	127	9249	5.936	ng	# 88
34) Hexachlorobutadiene	11.91	225	20325	15.400	ng	92
35) Caprolactam	12.47	113	5970	16.340	ng	# 35
36) 4-Chloro-3-methylphenol	12.82	107	19710	16.327	ng	# 76
37) 2-Methylnaphthalene	13.21	142	45894	15.638	ng	86
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	34434	14.443	ng	# 96
40) Hexachlorocyclopentadiene	13.54	237	20227	13.578	ng	91

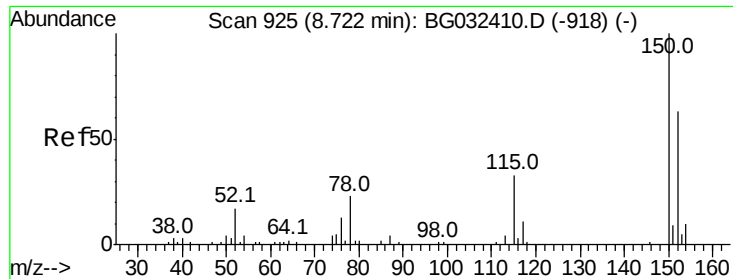
Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032540.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	19694	15.186	nq	97
43) 2,4,5-Trichlorophenol	13.86	196	24318	16.086	nq #	80
45) 1,1'-Biphenyl	14.18	154	67176	15.602	nq	95
46) 2-Chloronaphthalene	14.24	162	52736	15.627	nq	93
47) 2-Nitroaniline	14.43	65	10409	13.948	nq #	73
48) Acenaphthylene	15.07	152	78297	15.348	nq	98
49) Dimethylphthalate	14.77	163	69305	14.749	nq	98
50) 2,6-Dinitrotoluene	14.90	165	15444	15.659	nq #	69
51) Acenaphthene	15.40	154	50196	14.187	nq	99
52) 3-Nitroaniline	15.24	138	8632	10.020	nq #	70
53) 2,4-Dinitrophenol	15.44	184	1758	6.813	nq #	73
54) Dibenzofuran	15.74	168	82976	15.845	nq	98
55) 4-Nitrophenol	15.53	139	9102	14.113	nq #	74
56) 2,4-Dinitrotoluene	15.68	165	21706	15.458	nq #	71
57) Fluorene	16.38	166	67230	15.450	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.95	232	23295	15.624	nq #	85
59) Diethylphthalate	16.11	149	67942	14.846	nq	95
60) 4-Chlorophenyl-phenylether	16.36	204	41877	15.261	nq	91
61) 4-Nitroaniline	16.40	138	13634	14.766	nq #	76
62) Azobenzene	16.65	77	43122	15.767	nq	87
64) 4,6-Dinitro-2-methylphenol	16.44	198	10366	11.138	nq #	66
65) n-Nitrosodiphenylamine	16.57	169	62242	16.741	nq	97
66) 4-Bromophenyl-phenylether	17.25	248	29670	16.076	nq	97
67) Hexachlorobenzene	17.38	284	34438	16.861	nq #	92
68) Atrazine	17.49	200	27513	17.239	nq	97
69) Pentachlorophenol	17.72	266	14677	11.471	nq	99
70) Phenanthrene	18.12	178	114264	16.447	nq	99
71) Anthracene	18.21	178	119302	17.246	nq	95
72) Carbazole	18.47	167	99264	16.241	nq	98
73) Di-n-butylphthalate	18.98	149	114580	16.932	nq	98
74) Fluoranthene	20.09	202	151189	16.594	nq	95
76) Benzidine	20.25	184	24392	7.813	nq	96
77) Pyrene	20.44	202	151317	15.516	nq	100
79) Butylbenzylphthalate	21.30	149	53937	17.535	nq #	75
80) Benzo(a)anthracene	22.38	228	164458	16.684	nq	96
81) 3,3'-Dichlorobenzidine	22.28	252	32259	8.447	nq #	98
82) Chrysene	22.45	228	156720	16.463	nq	95
83) Bis(2-ethylhexyl)phthalate	22.22	149	77702	17.815	nq #	96
84) Di-n-octyl phthalate	23.58	149	135162	19.538	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.32	276	218756	18.166	nq #	53
87) Benzo(b)fluoranthene	24.89	252	183530	16.628	nq #	94
88) Benzo(k)fluoranthene	24.97	252	178847	16.358	nq #	97
89) Benzo(a)pyrene	25.90	252	172639	16.407	nq #	95
90) Dibenzo(a,h)anthracene	30.38	278	185775	17.259	nq #	95
91) Benzo(g,h,i)perylene	31.65	276	182478	17.079	nq #	91

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

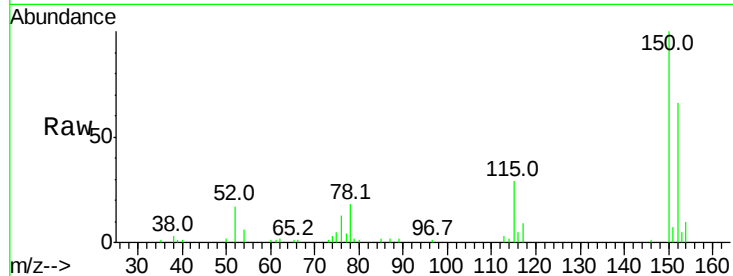


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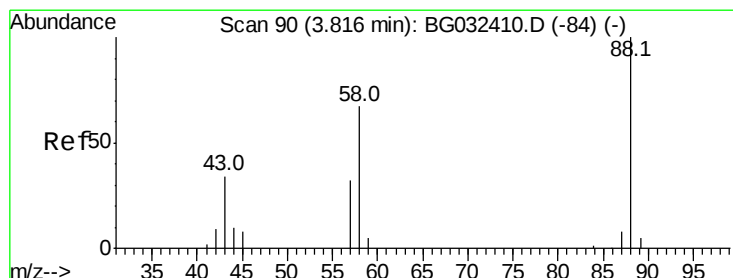
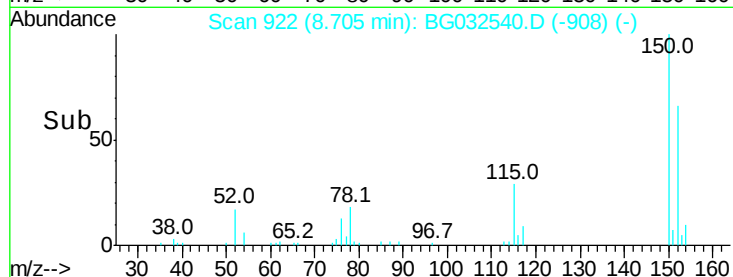
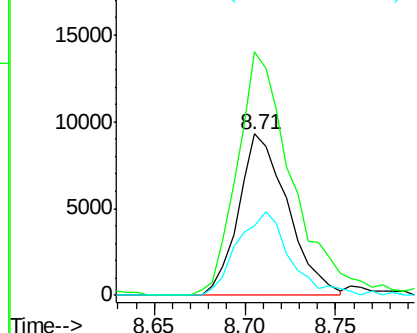
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 17521
Ion Ratio Lower Upper
152 100
150 151.1 126.6 189.8
115 43.2 53.0 79.4#



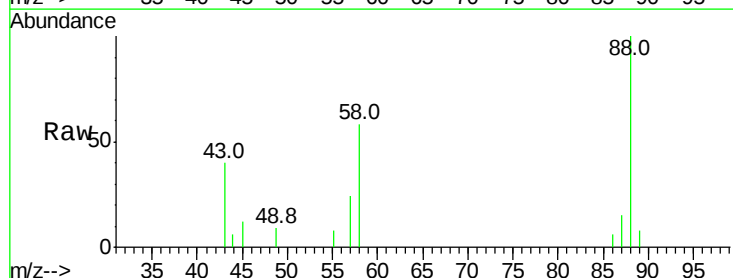
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



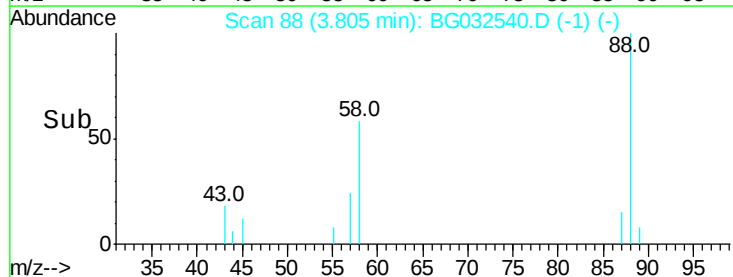
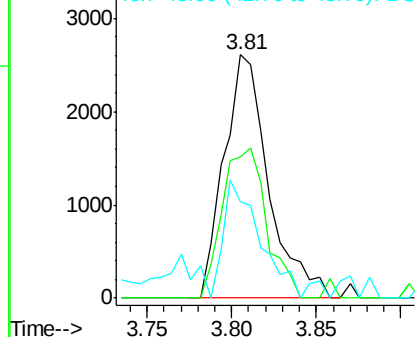
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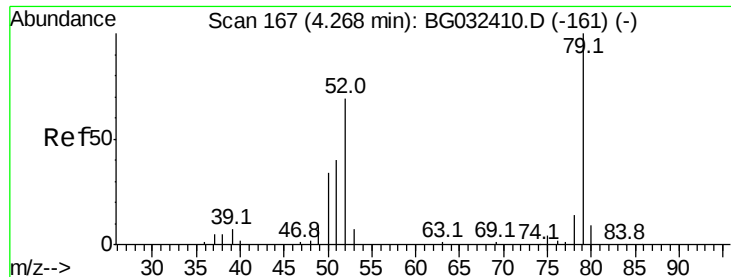
1,4-Dioxane
Concen: 16.304 ng
RT: 3.81 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Tgt Ion: 88 Resp: 4785
Ion Ratio Lower Upper
88 100
58 60.9 79.6 119.4#
43 39.6 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: 15.268 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.01 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampled :

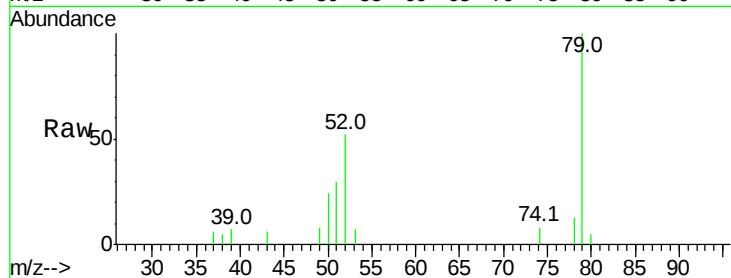
Tot Ion: 79 Resp: 12100

Ion Ratio Lower Upper

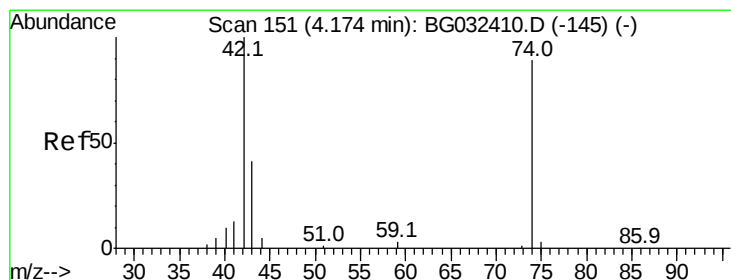
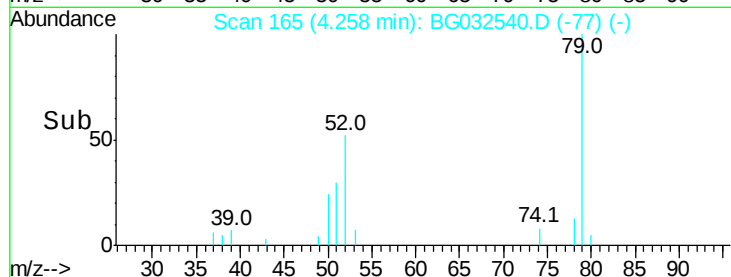
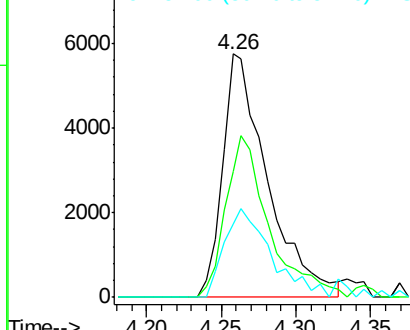
79 100

52 51.5 69.9 104.9#

51 30.2 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: 14.658 ng

RT: 4.18 min Scan# 151

Delta R.T. 0.00 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

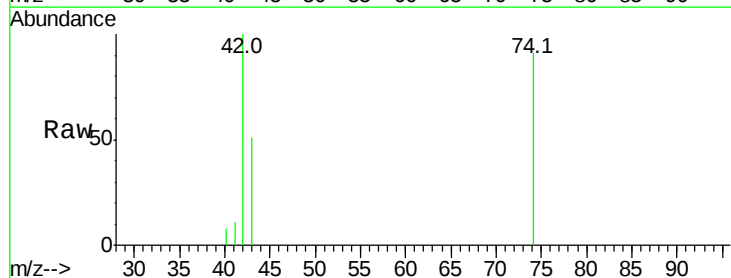
Tgt Ion: 42 Resp: 6047

Ion Ratio Lower Upper

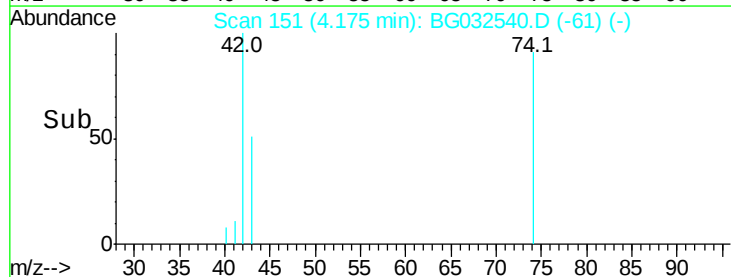
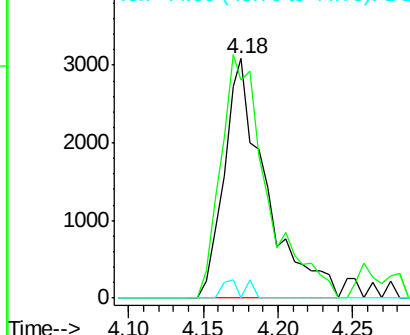
42 100

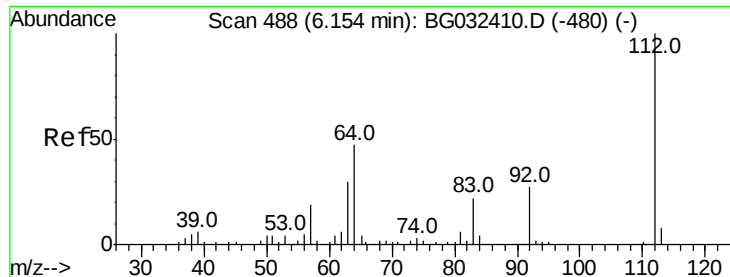
74 91.3 102.5 153.7#

44 0.0 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: 140.143 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampled :

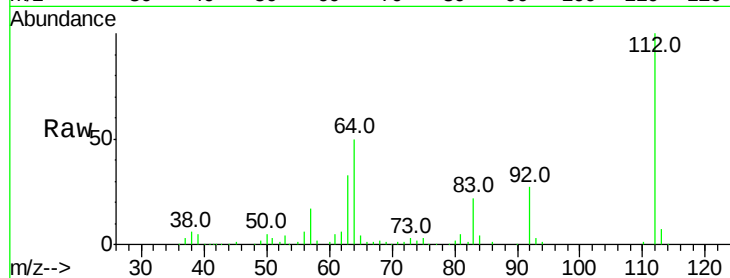
Tot Ion:112 Resp: 122249

Ion Ratio Lower Upper

112 100

64 50.2 56.3 84.5#

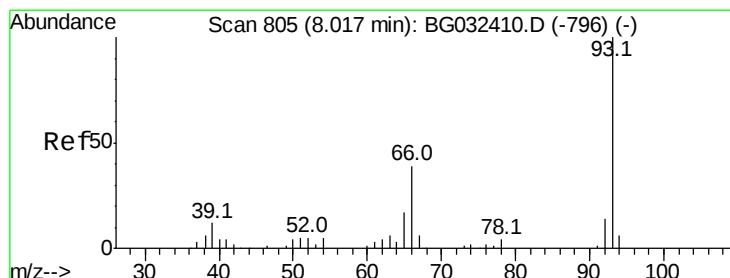
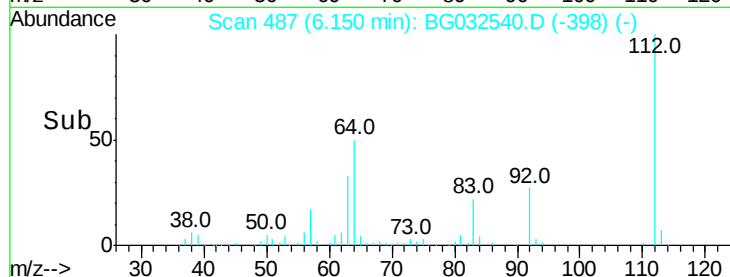
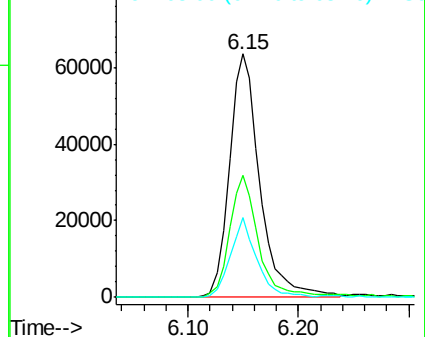
63 32.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.614 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

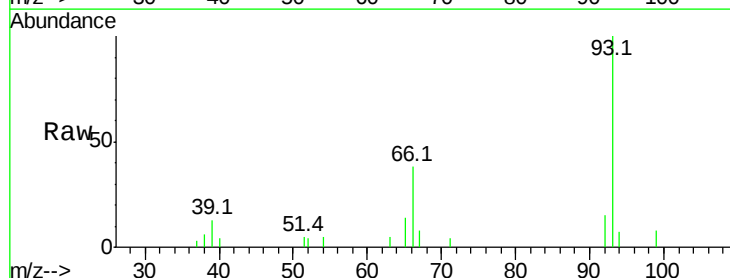
Tgt Ion: 93 Resp: 9599

Ion Ratio Lower Upper

93 100

66 37.6 33.7 50.5

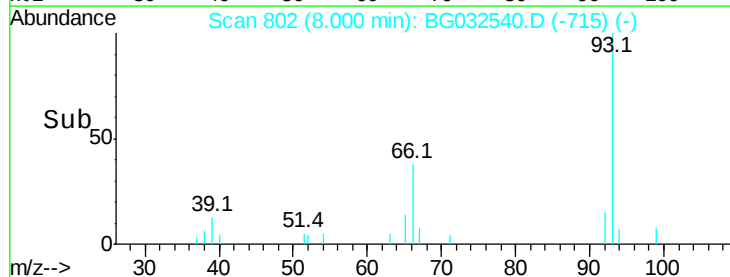
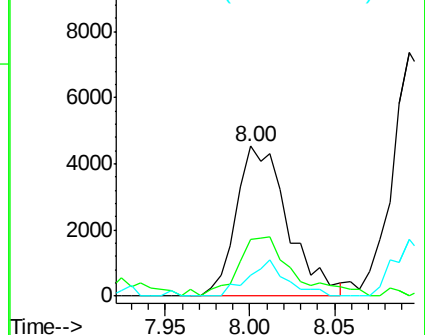
65 13.9 16.1 24.1#

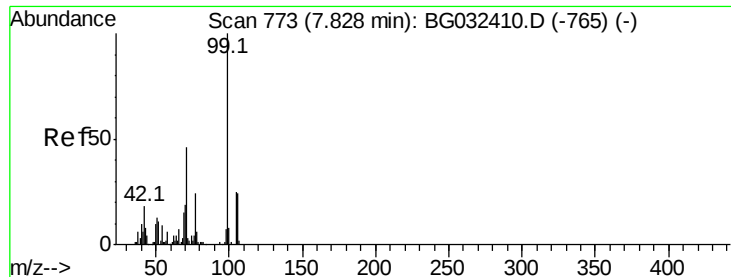


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.604 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

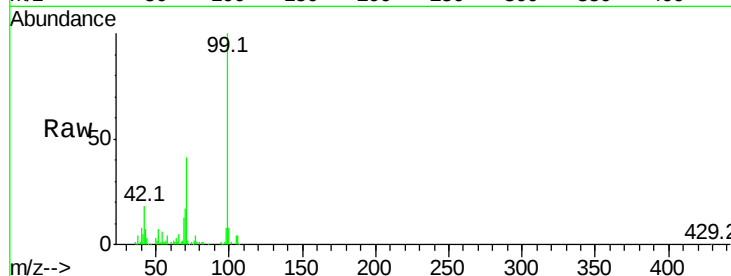
Tot Ion: 99 Resp: 148536

Ion Ratio Lower Upper

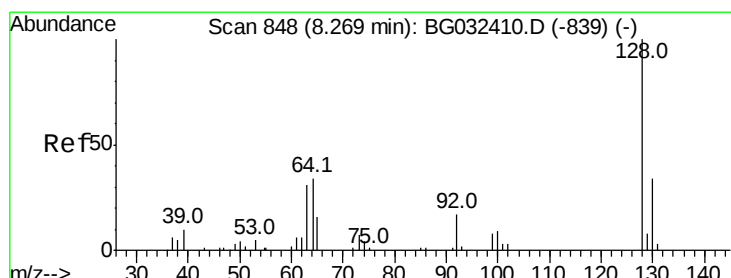
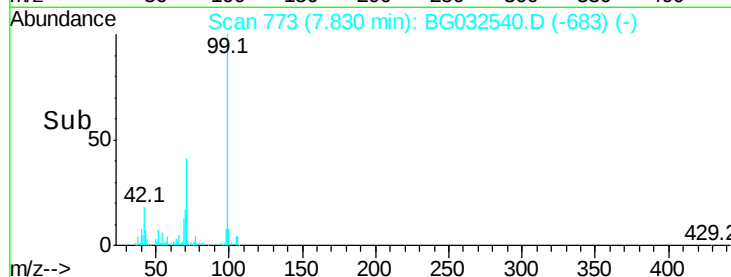
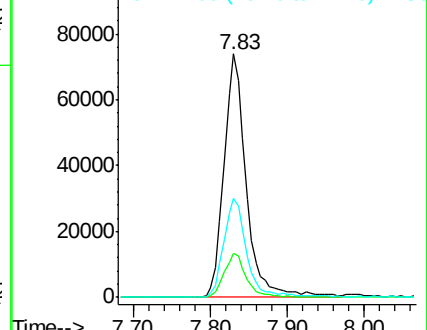
99 100

42 17.9 14.1 21.1

71 40.7 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 18.286 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

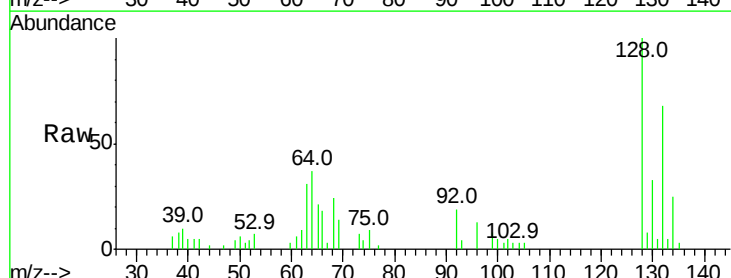
Tgt Ion:128 Resp: 18855

Ion Ratio Lower Upper

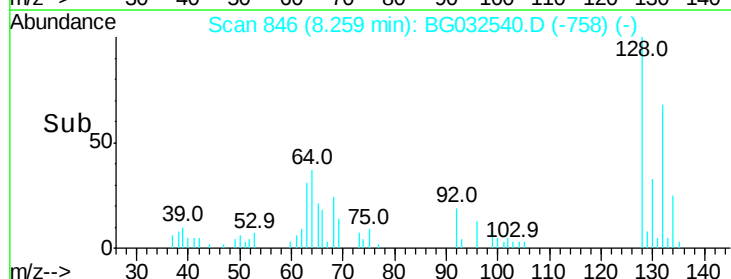
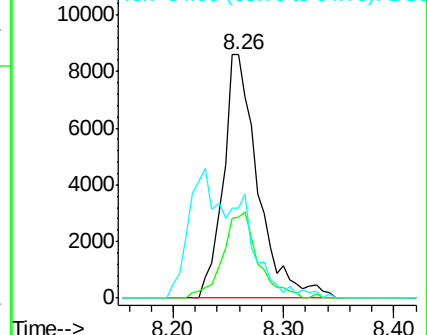
128 100

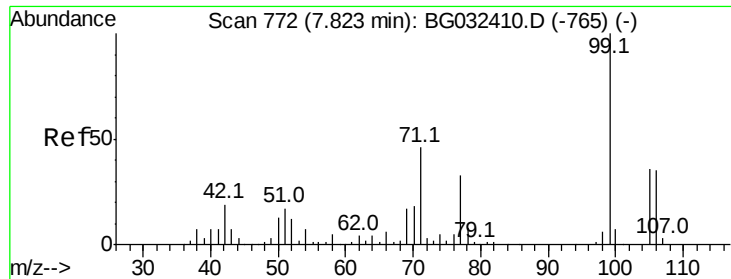
130 33.2 14.0 54.0

64 36.9 37.7 77.7#



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

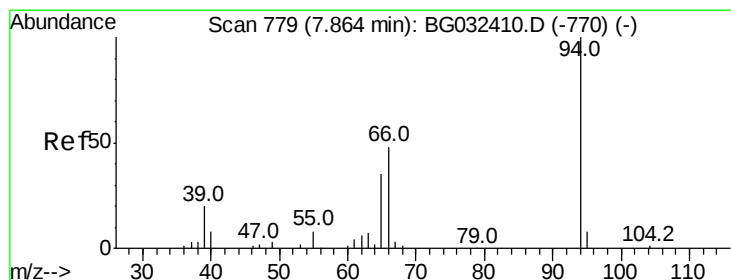
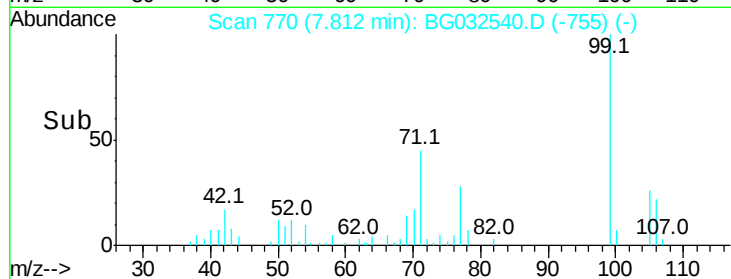
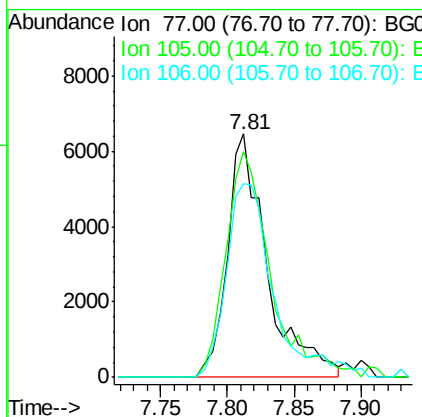
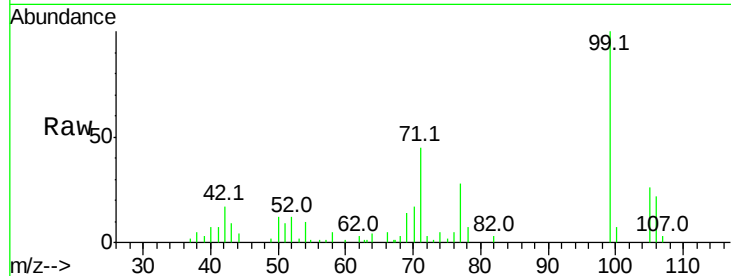




#9
Benzaldehyde
Concen: 22.315 ng
RT: 7.81 min Scan# 770
Delta R.T. -0.01 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

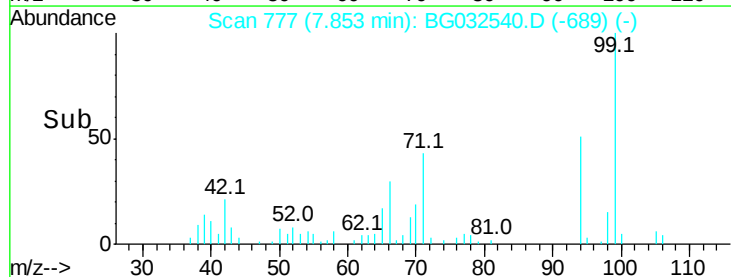
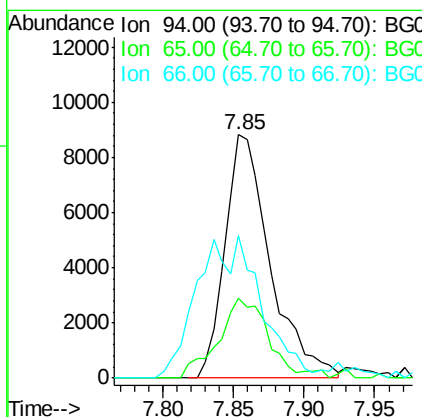
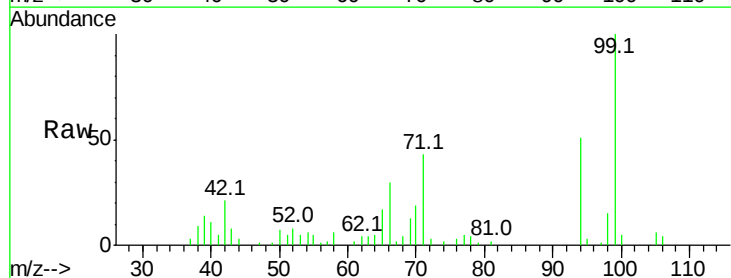
Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 13416
Ion Ratio Lower Upper
77 100
105 92.8 71.3 111.3
106 79.6 64.2 104.2



#10
Phenol
Concen: 17.833 ng
RT: 7.85 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Tgt Ion: 94 Resp: 19713
Ion Ratio Lower Upper
94 100
65 32.6 11.9 51.9
66 58.5 22.2 62.2

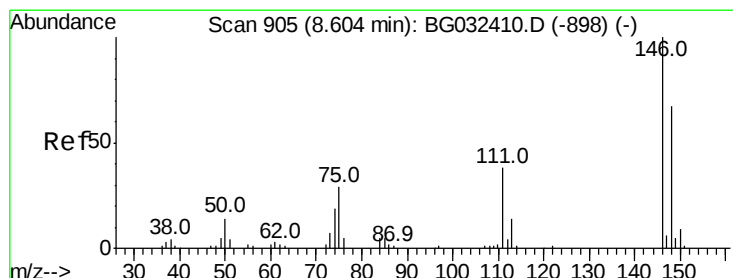
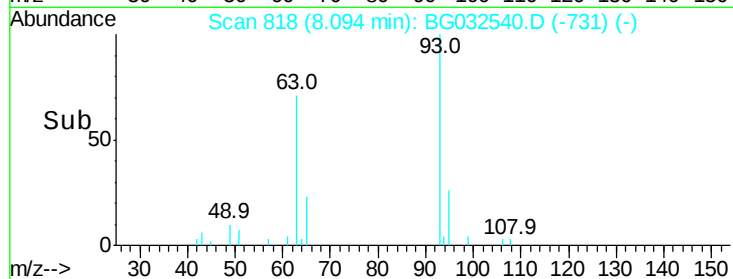
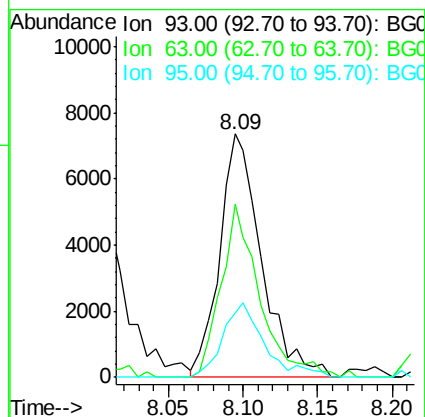
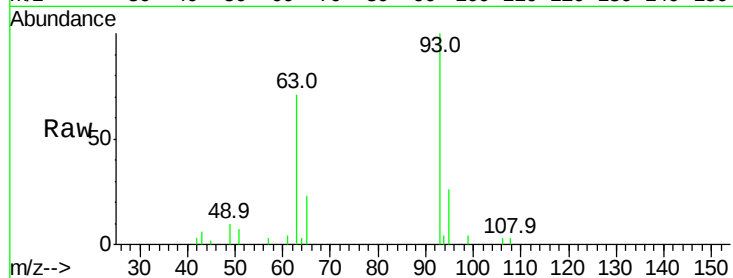




#11
 bis(2-Chloroethyl)ether
 Concen: 17.035 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

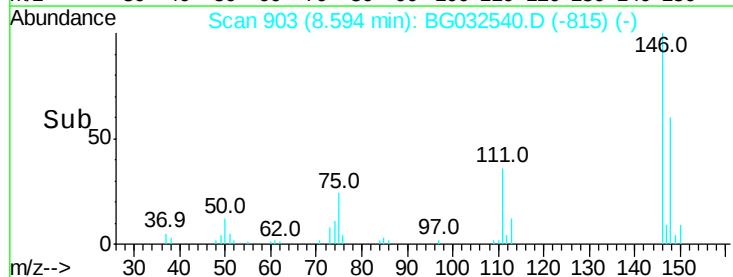
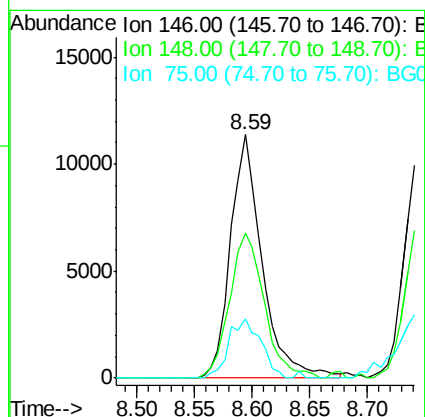
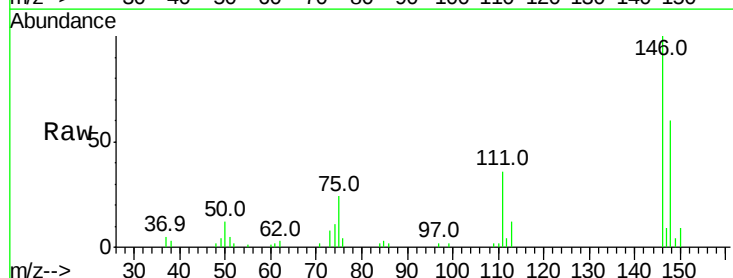
Instrument :
 BNA_G
 ClientSampled :

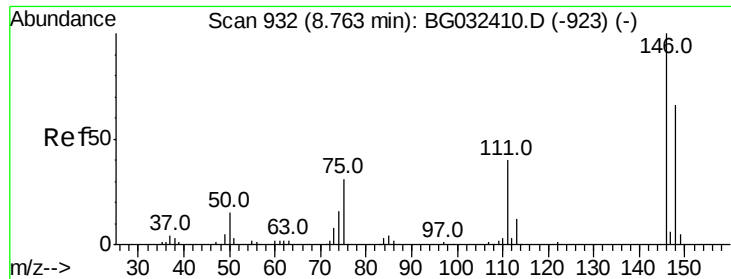
Tot Ion: 93 Resp: 14348
 Ion Ratio Lower Upper
 93 100
 63 71.2 67.1 107.1
 95 26.5 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 15.457 ng
 RT: 8.59 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion: 146 Resp: 21555
 Ion Ratio Lower Upper
 146 100
 148 59.5 51.4 77.2
 75 24.1 26.6 39.8#

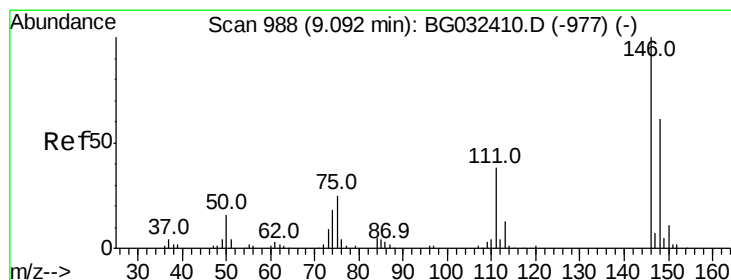
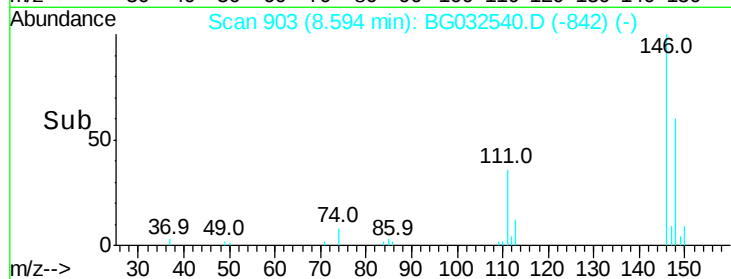
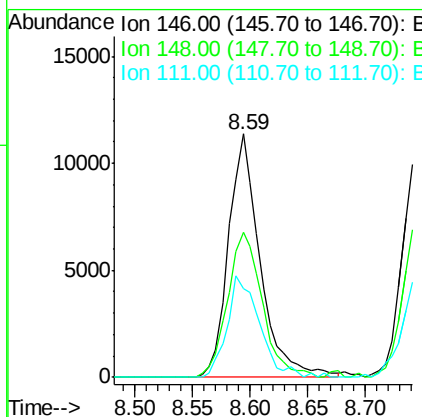
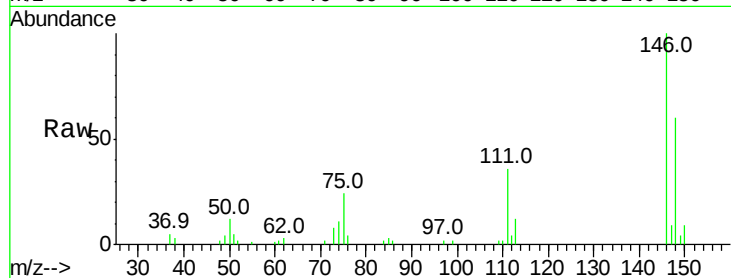




#13
 1,4-Dichlorobenzene
 Concen: 15.422 ng
 RT: 8.59 min Scan# 903
 Delta R.T. -0.17 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

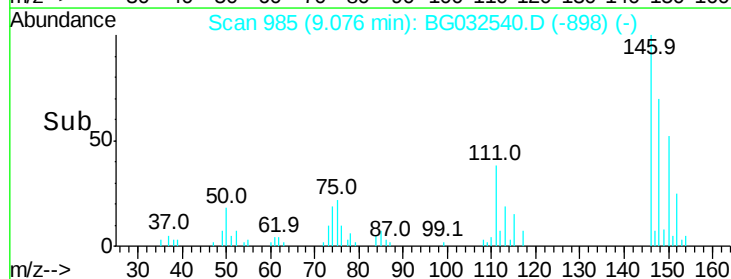
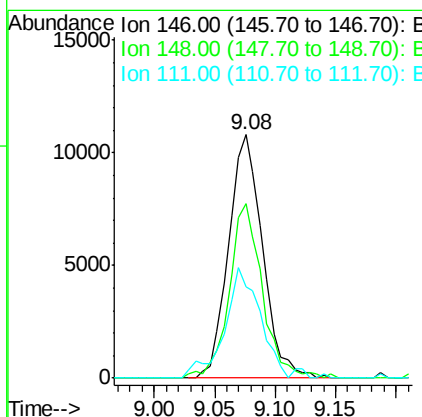
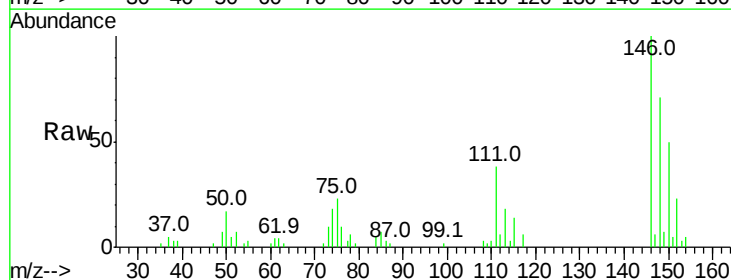
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 21555
 Ion Ratio Lower Upper
 146 100
 148 59.5 53.7 80.5
 111 36.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 15.463 ng
 RT: 9.08 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:146 Resp: 21172
 Ion Ratio Lower Upper
 146 100
 148 71.5 49.3 73.9
 111 37.7 34.3 51.5





#15

Benzyl Alcohol

Concen: 15.550 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

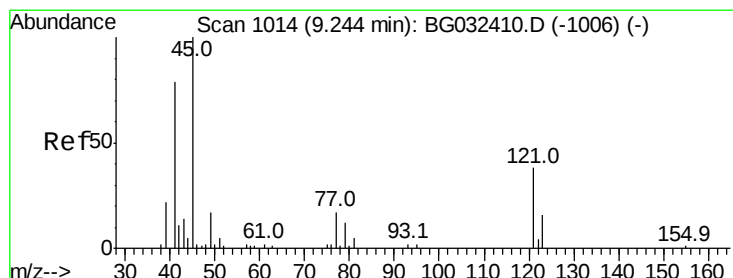
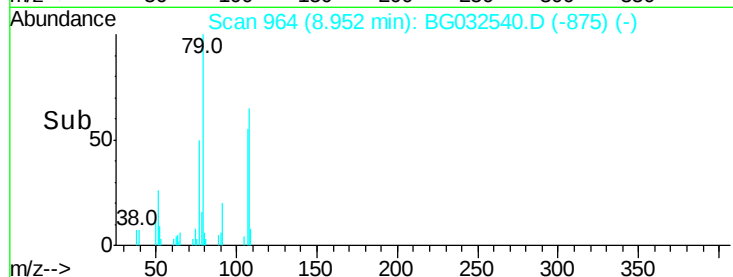
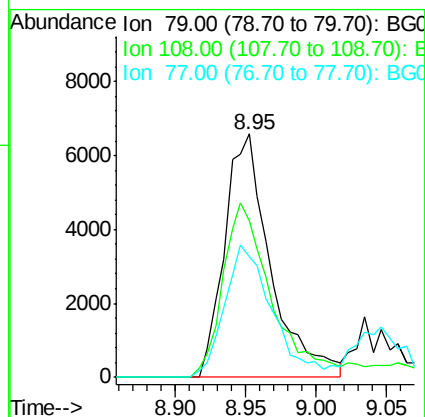
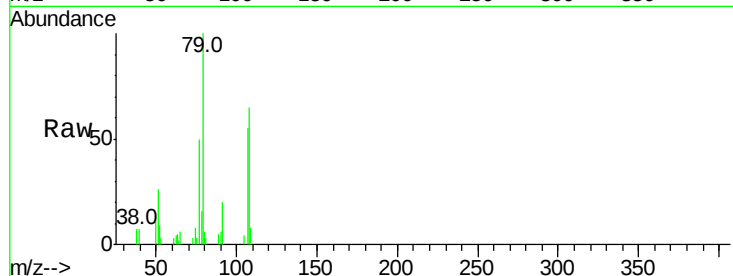
Tot Ion: 79 Resp: 14918

Ion Ratio Lower Upper

79 100

108 64.6 57.2 85.8

77 49.6 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.645 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

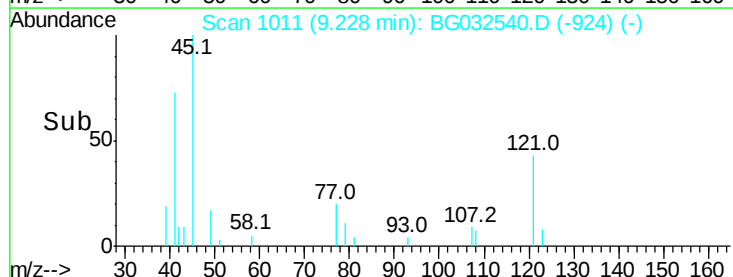
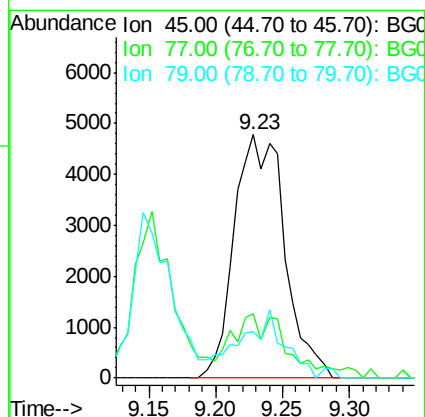
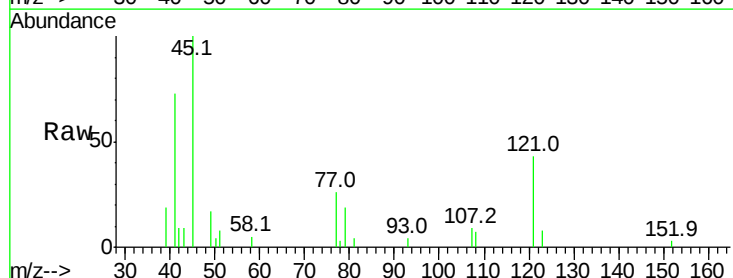
Tgt Ion: 45 Resp: 12487

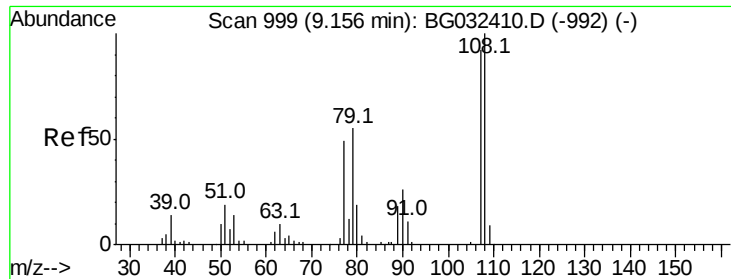
Ion Ratio Lower Upper

45 100

77 26.3 0.0 30.2

79 19.3 0.0 27.9

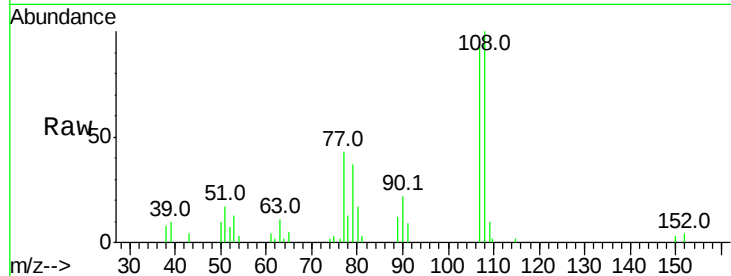




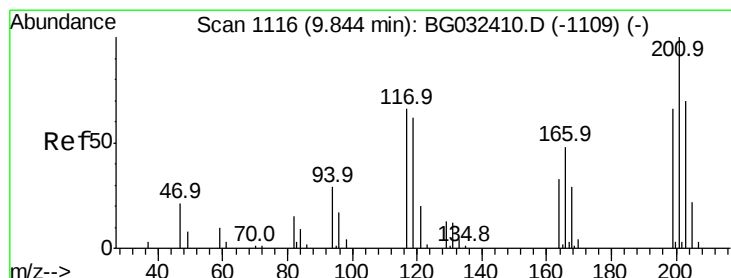
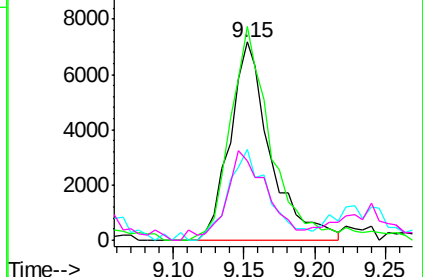
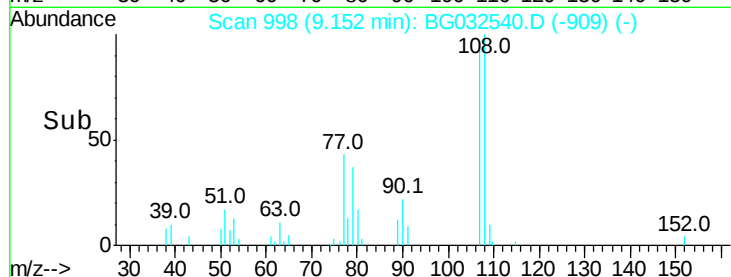
#17
2-Methylphenol
Concen: 15.854 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 14234
Ion Ratio Lower Upper
107 100
108 107.9 83.9 125.9
77 45.9 37.2 55.8
79 39.9 36.2 54.2

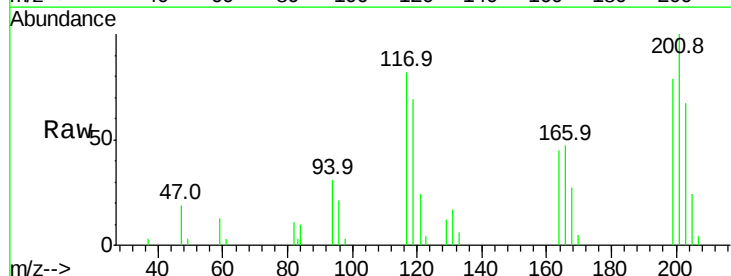


Abundance Ion 107.00 (106.70 to 107.70): E
12000 Ion 108.00 (107.70 to 108.70): E
10000 Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

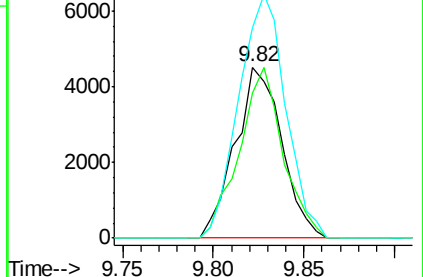
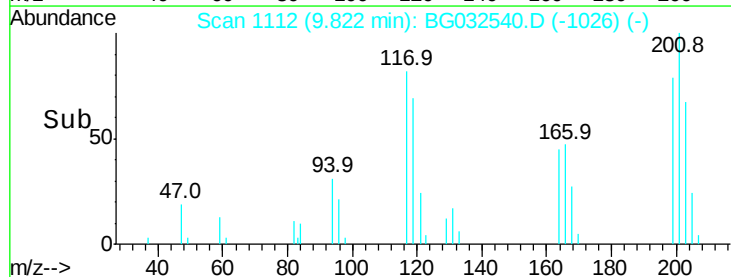


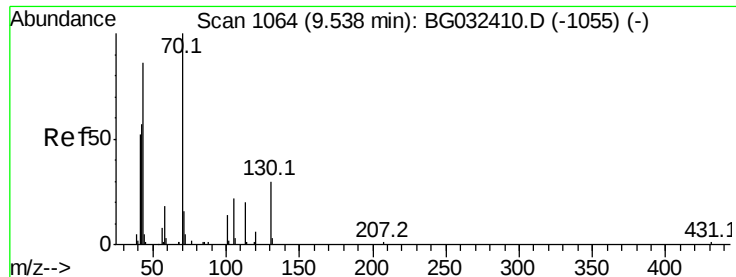
#18
Hexachloroethane
Concen: 17.210 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Tgt Ion:117 Resp: 8076
Ion Ratio Lower Upper
117 100
119 84.6 76.7 115.1
201 122.6 95.7 143.5



Abundance Ion 117.00 (116.70 to 117.70): E
8000 Ion 119.00 (118.70 to 119.70): E
6000 Ion 201.00 (200.70 to 201.70): E

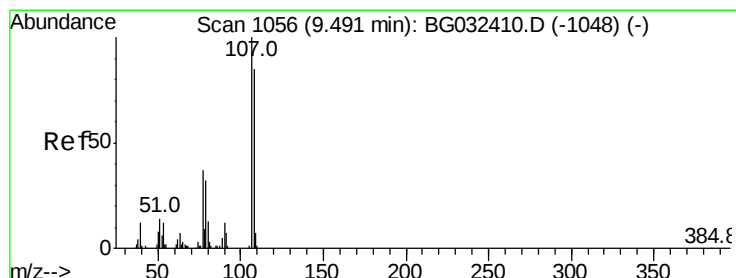
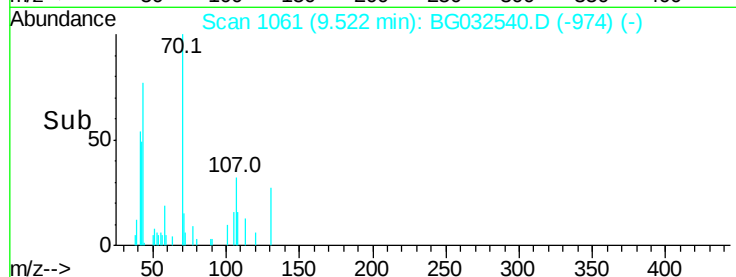
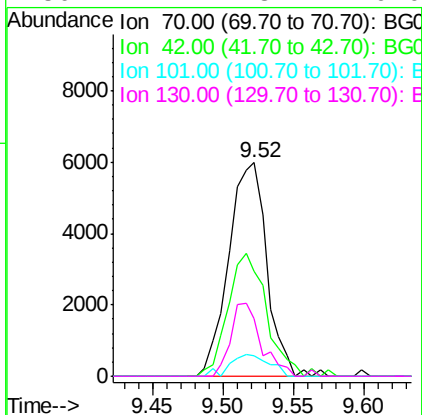
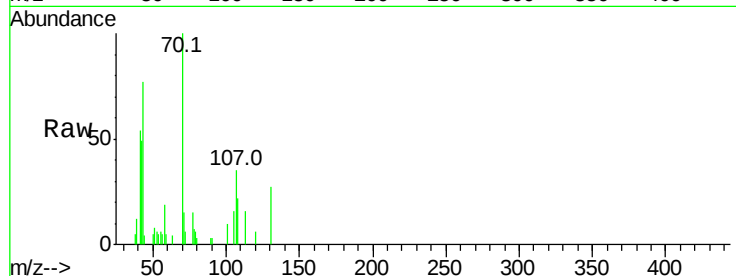




#19
n-Nitroso-di-n-propylamine
Concen: 14.628 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

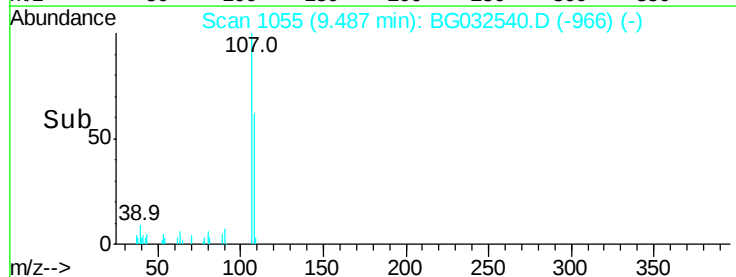
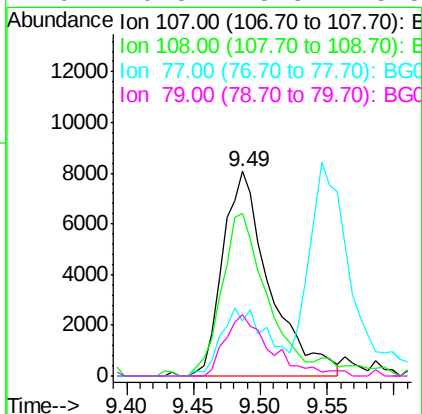
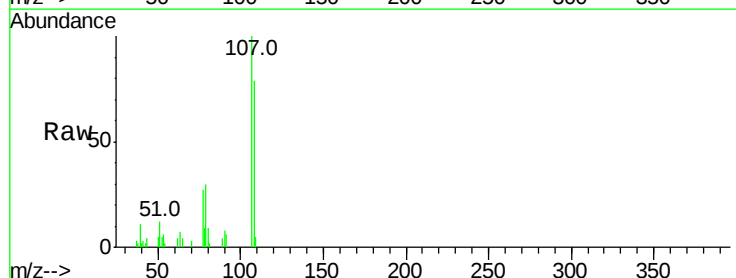
Instrument :
BNA_G
ClientSampleId :

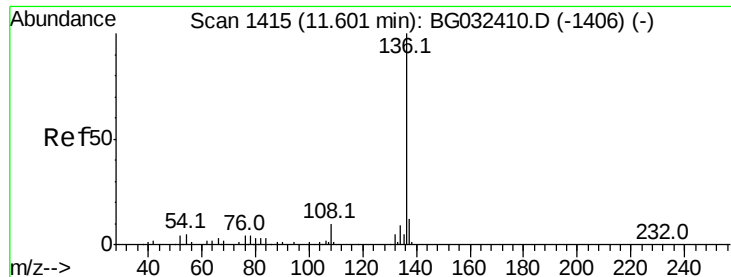
Tot Ion: 70 Resp: 11290
Ion Ratio Lower Upper
70 100
42 49.0 49.1 73.7#
101 9.7 8.5 12.7
130 27.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 15.675 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Tgt Ion: 107 Resp: 19740
Ion Ratio Lower Upper
107 100
108 79.4 61.6 101.6
77 26.9 13.9 53.9
79 29.8 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: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 71524

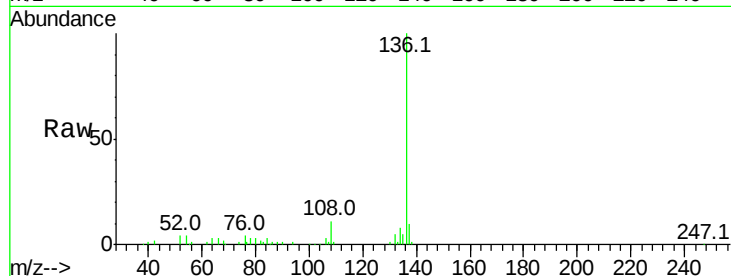
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	4.4	10.3	15.5#
68	2.9	4.5	6.7#

136 100

137 10.0 9.2 13.8

54 4.4 10.3 15.5#

68 2.9 4.5 6.7#



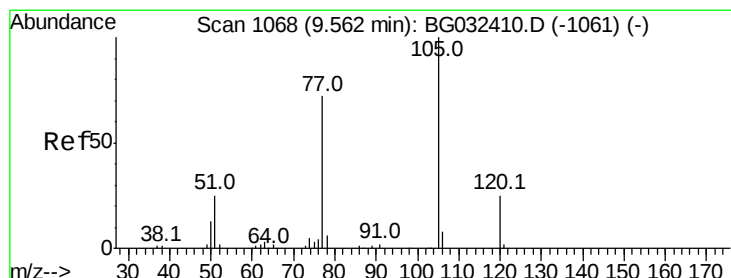
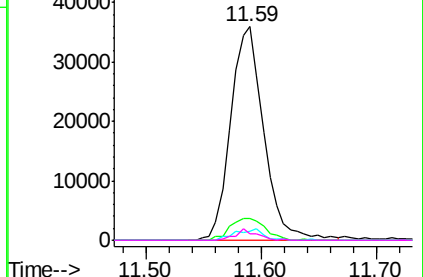
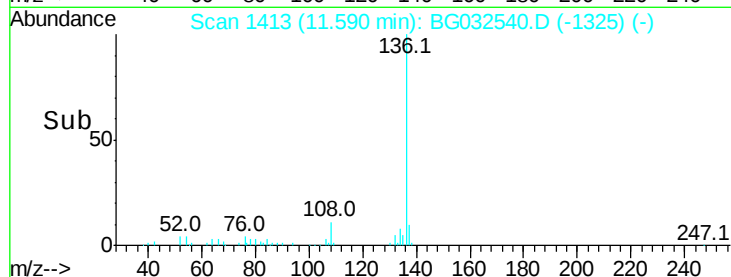
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->



#22

Acetophenone

Concen: 16.037 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Tgt Ion:105 Resp: 26887

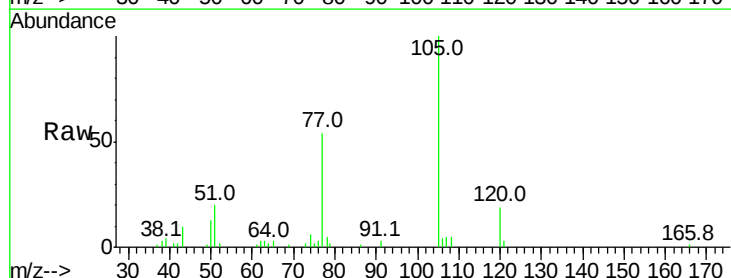
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	20.4	26.1	39.1#
120	19.2	17.4	26.2

105 100

71 0.0 3.0 4.4#

51 20.4 26.1 39.1#

120 19.2 17.4 26.2



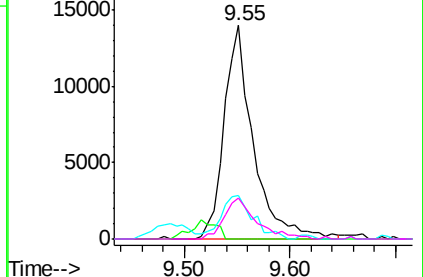
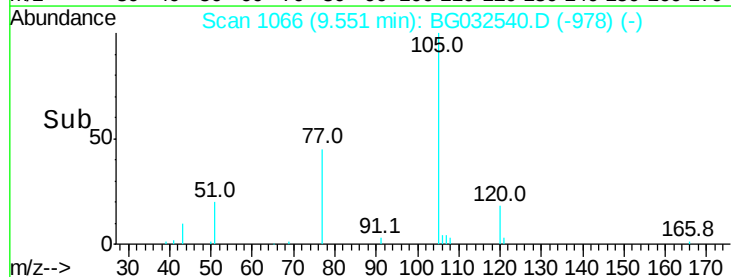
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->

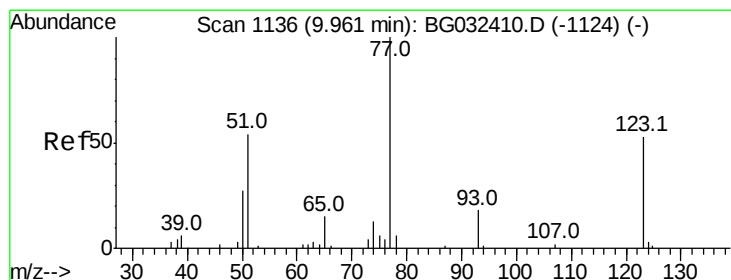
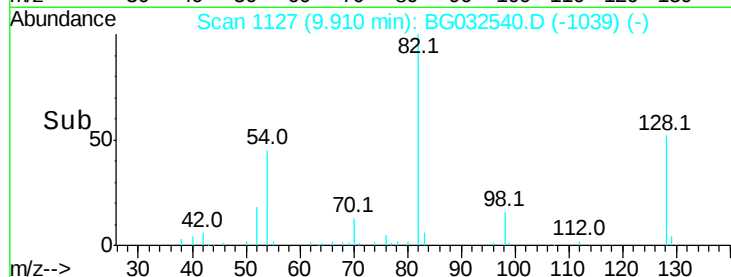
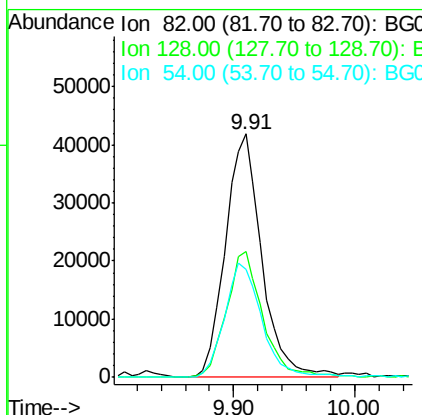
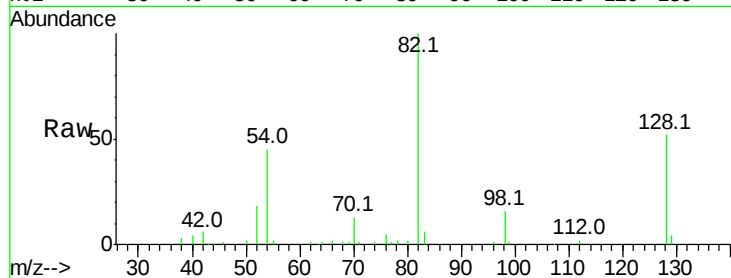




#23
 Nitrobenzene-d5
 Concen: 76.408 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

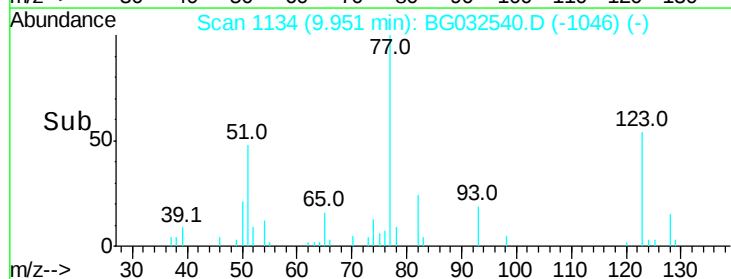
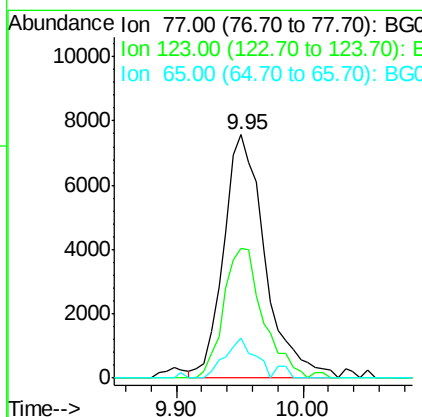
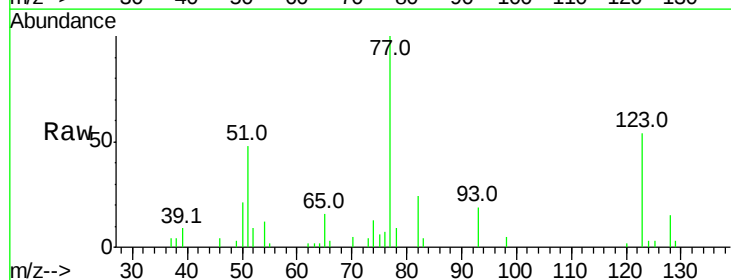
Instrument :
 BNA_G
 ClientSampleId :

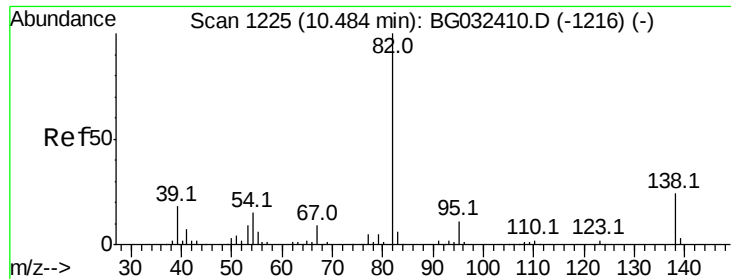
Tot Ion	82	Resp	87495
Ion Ratio	Lower	Upper	
82	100		
128	51.7	29.7	44.5#
54	44.6	43.1	64.7



#24
 Nitrobenzene
 Concen: 15.484 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion	77	Resp	17145
Ion Ratio	Lower	Upper	
77	100		
123	53.5	33.0	49.6#
65	16.3	13.0	19.6





#25

Isophorone

Concen: 16.915 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampled :

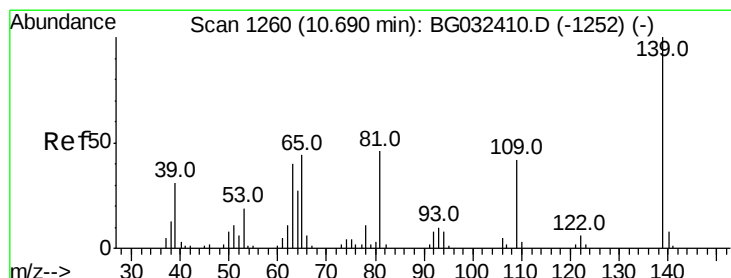
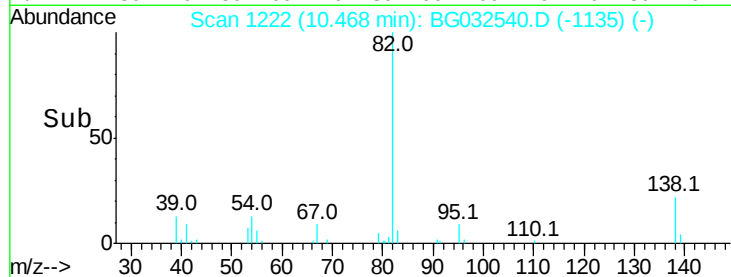
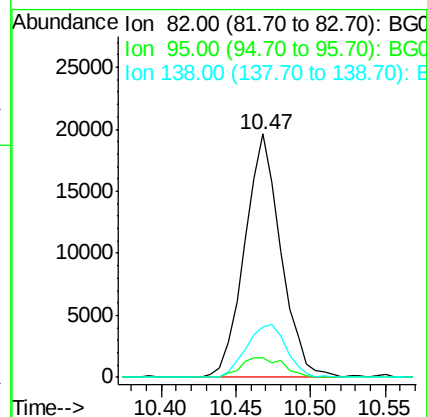
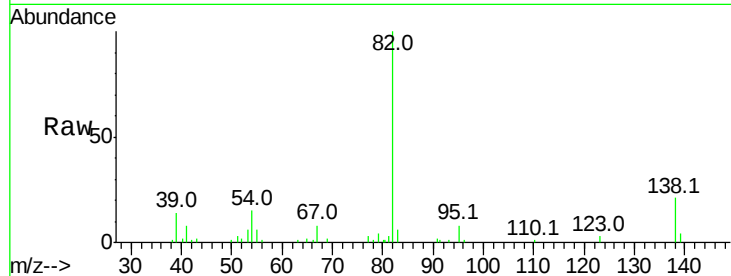
Tot Ion: 82 Resp: 32982

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 20.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 17.214 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

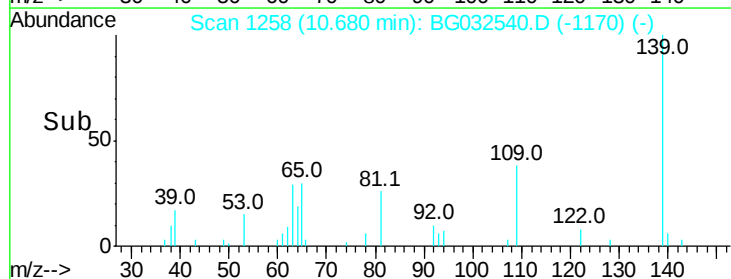
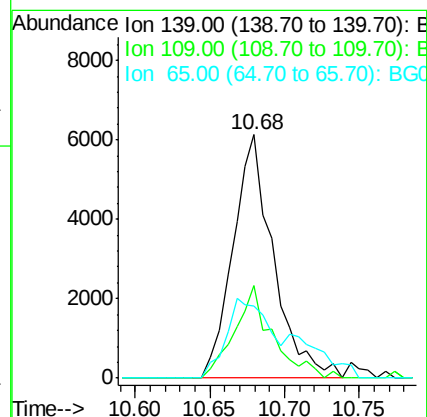
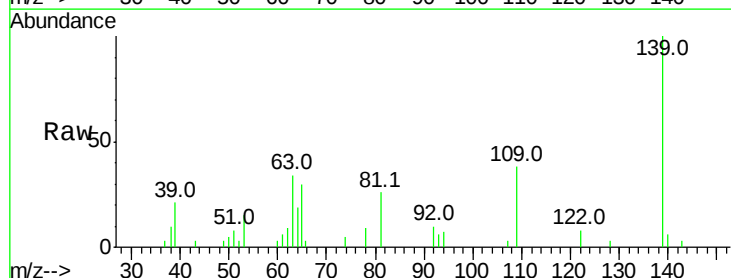
Tgt Ion: 139 Resp: 11522

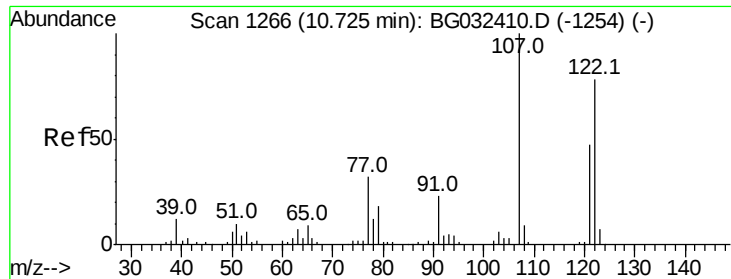
Ion Ratio Lower Upper

139 100

109 37.9 24.2 36.2#

65 29.8 47.4 71.0#

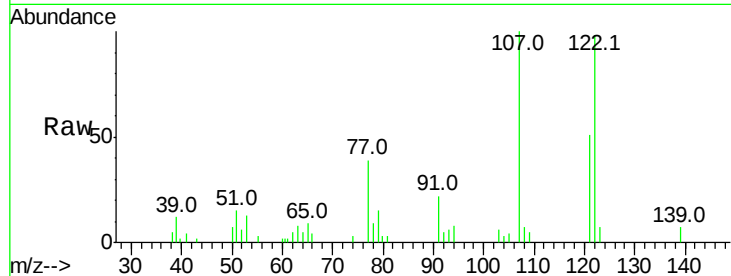




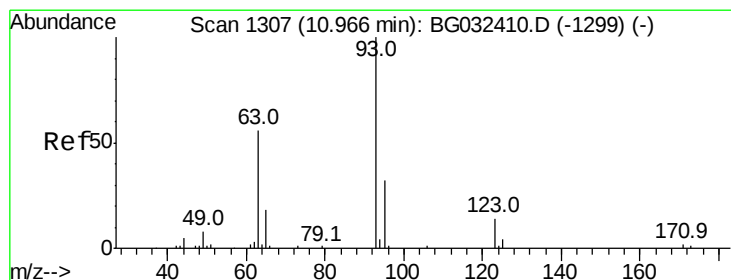
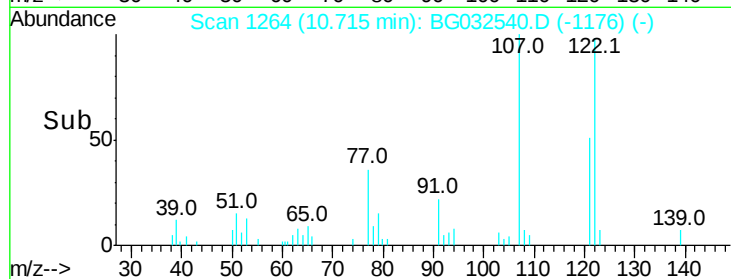
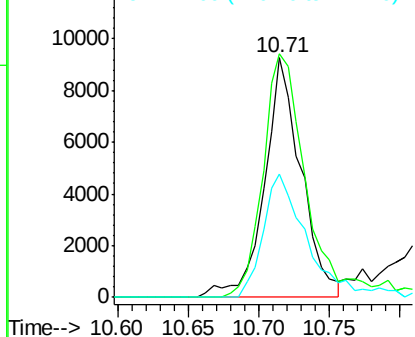
#27
 2,4-Dimethylphenol
 Concen: 17.441 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 16756
 Ion Ratio Lower Upper
 122 100
 107 101.7 100.2 150.2
 121 51.6 44.4 66.6

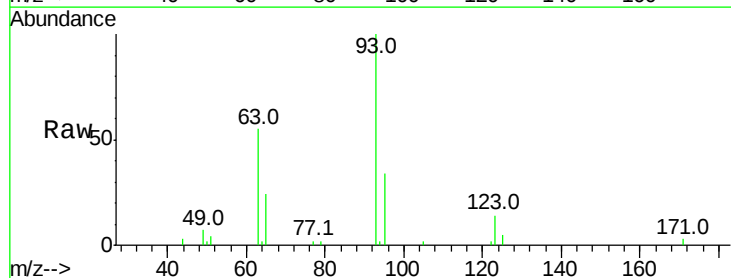


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

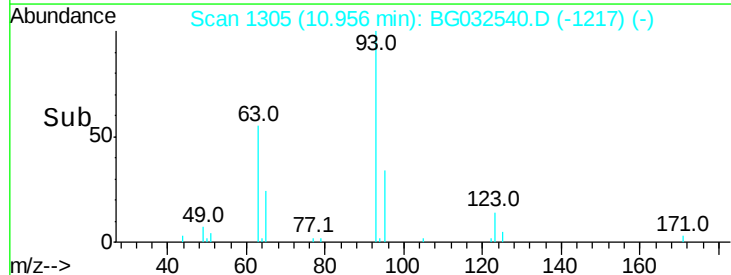
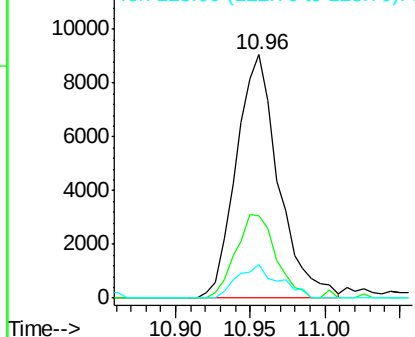


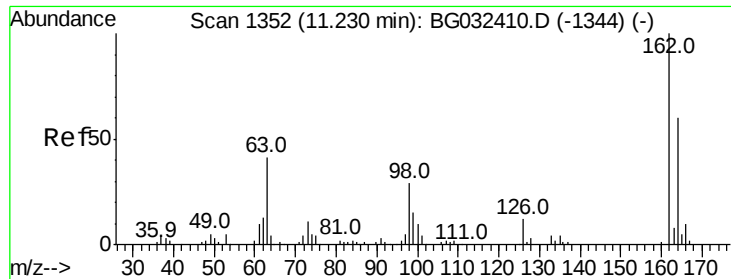
#28
 bis(2-Chloroethoxy)methane
 Concen: 16.654 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion: 93 Resp: 17807
 Ion Ratio Lower Upper
 93 100
 95 34.1 24.3 36.5
 123 13.8 8.4 12.6#



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

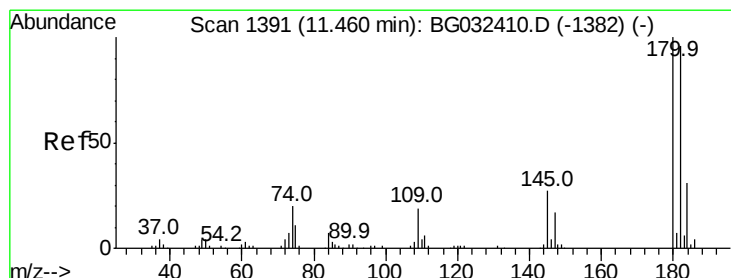
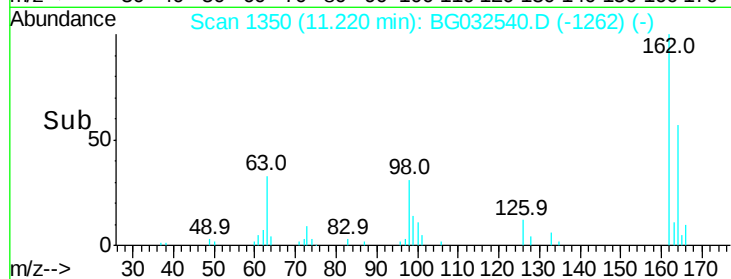
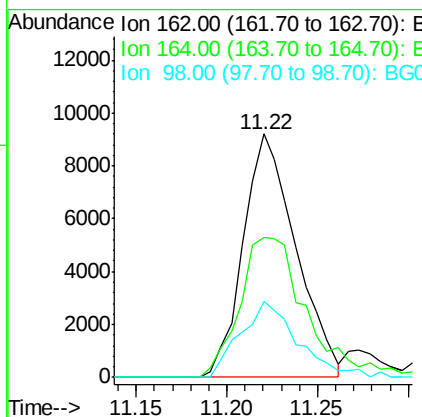
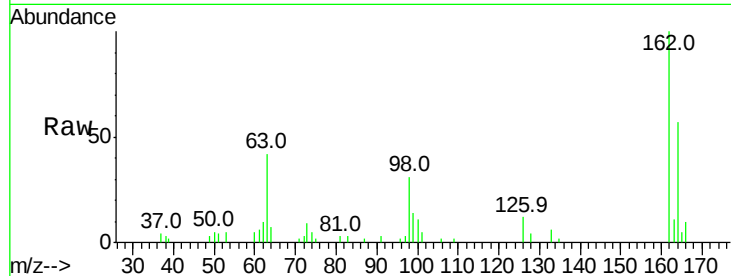




#29
 2,4-Dichlorophenol
 Concen: 14.620 ng
 RT: 11.22 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

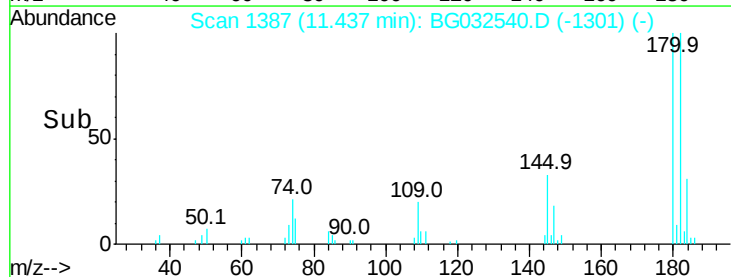
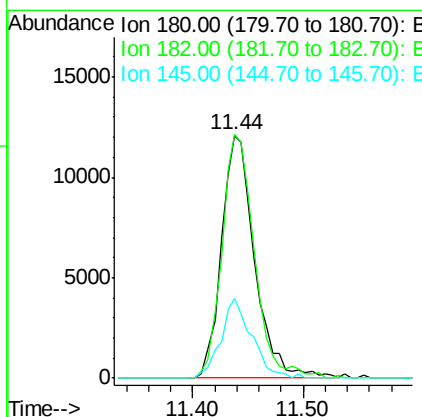
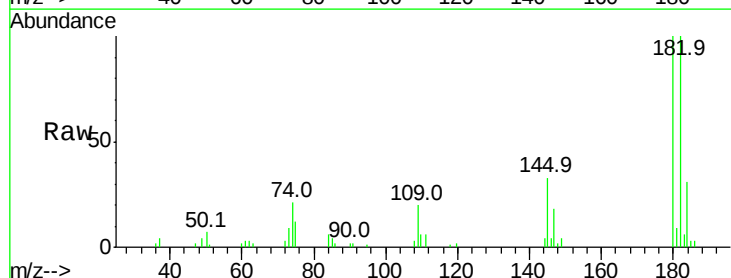
Instrument :
 BNA_G
 ClientSampleId :

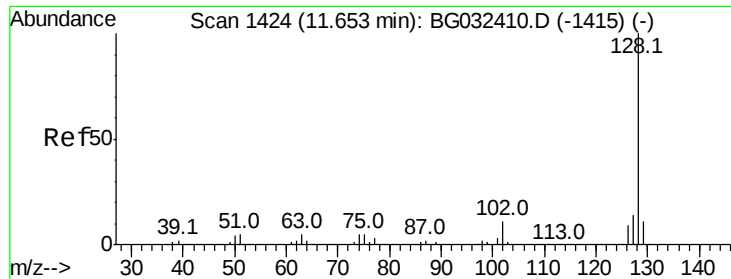
Tot Ion:162 Resp: 18607
 Ion Ratio Lower Upper
 162 100
 164 57.3 48.0 88.0
 98 31.2 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 14.913 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:180 Resp: 25296
 Ion Ratio Lower Upper
 180 100
 182 100.2 77.5 116.3
 145 32.7 23.4 35.2

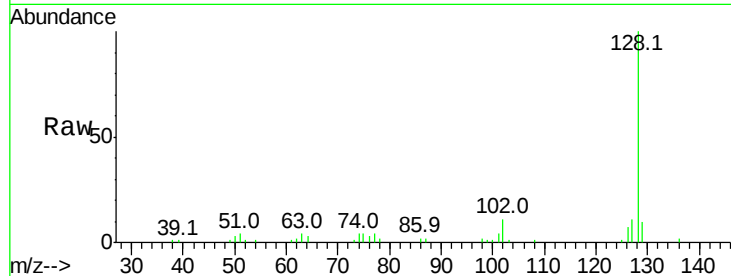




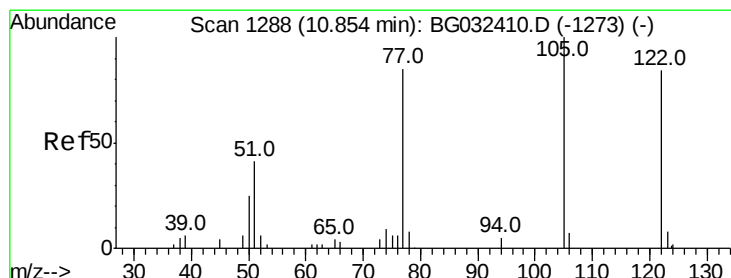
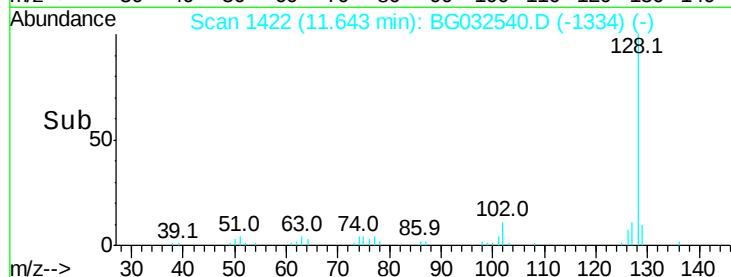
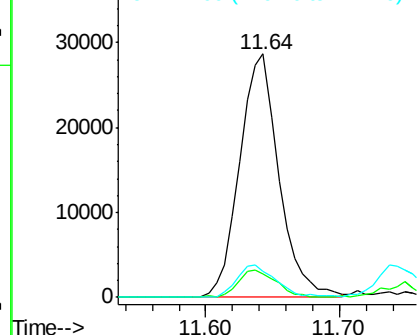
#31
Naphthalene
Concen: 16.763 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 58557
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 10.6 11.6 17.4#

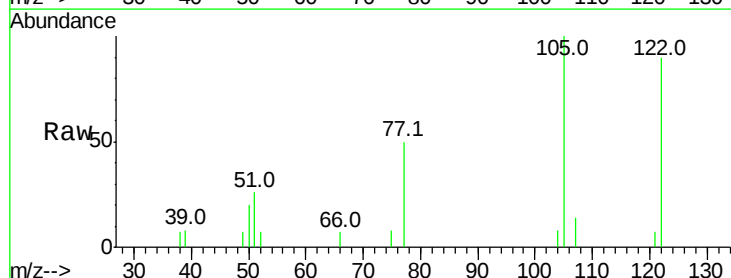


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

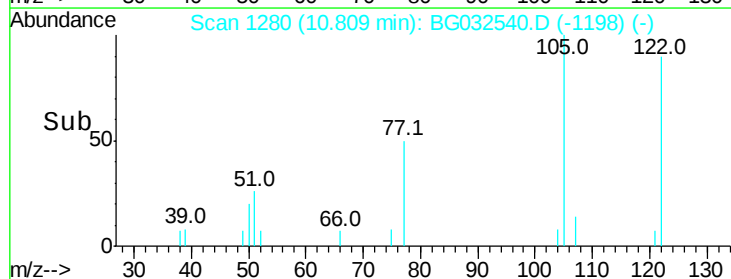
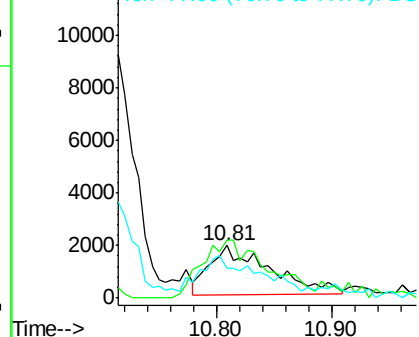


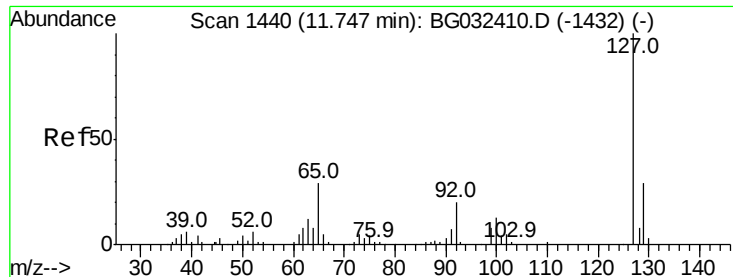
#32
Benzoic acid
Concen: 15.295 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.05 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Tgt Ion:122 Resp: 6769
Ion Ratio Lower Upper
122 100
105 111.3 123.5 163.5#
77 56.0 85.7 125.7#



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

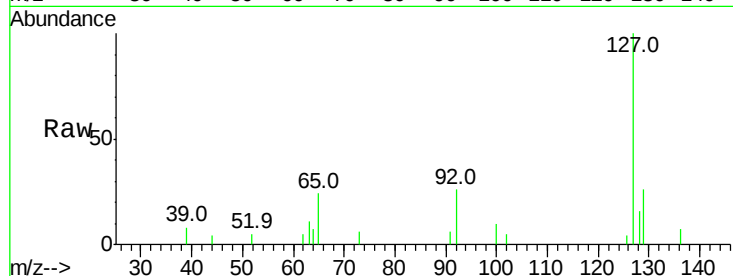




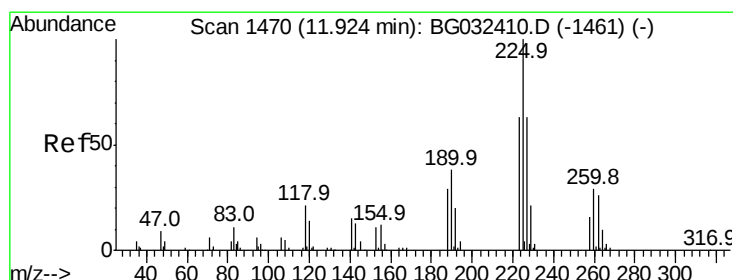
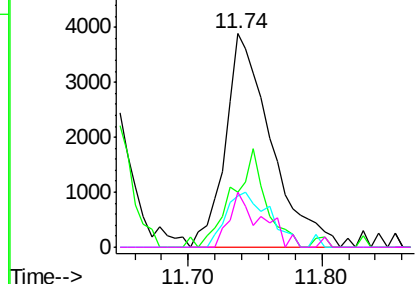
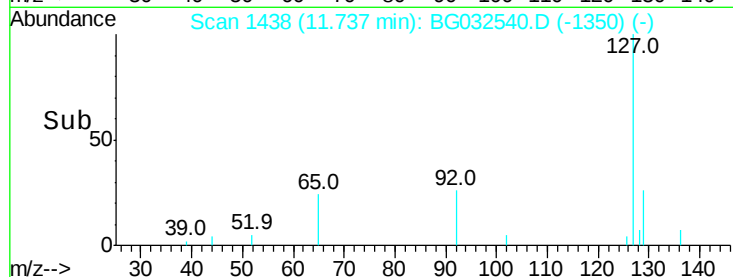
#33
4-Chloroaniline
Concen: 5.936 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	9249
Ion	Ratio	Lower	Upper
127	100		
129	25.7	24.0	36.0
65	23.9	27.0	40.4#
92	25.6	16.6	25.0#

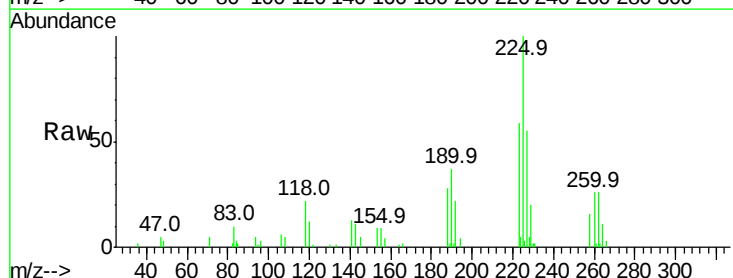


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

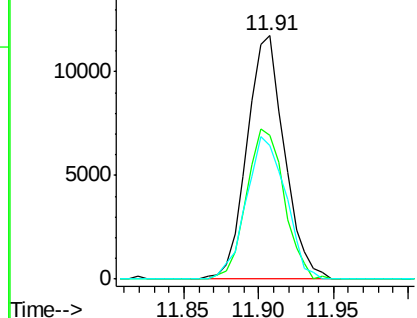
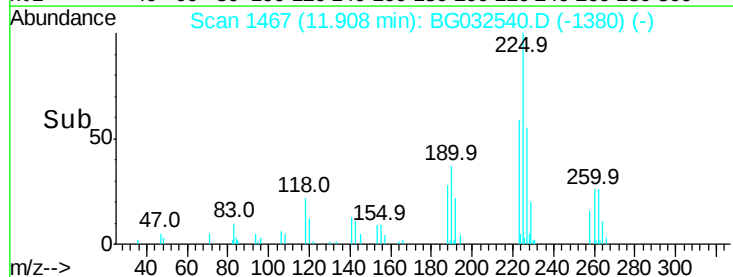


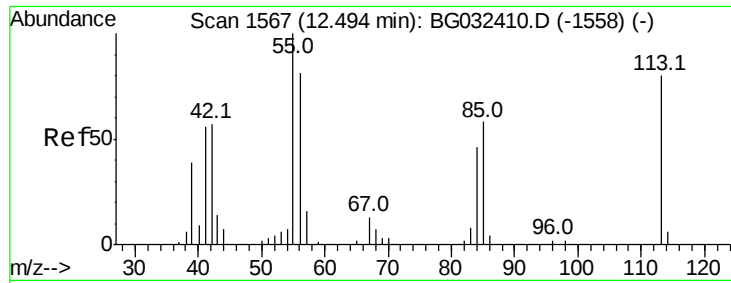
#34
Hexachlorobutadiene
Concen: 15.400 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Tgt Ion:	225	Resp:	20325
Ion	Ratio	Lower	Upper
225	100		
223	57.3	49.7	74.5
227	53.1	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: 16.340 ng

RT: 12.47 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

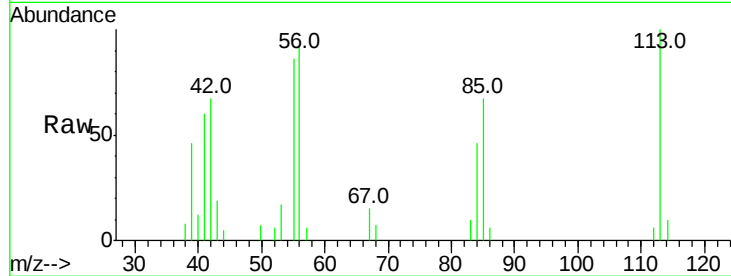
Tot Ion:113 Resp: 5970

Ion Ratio Lower Upper

113 100

55 85.6 186.9 226.9#

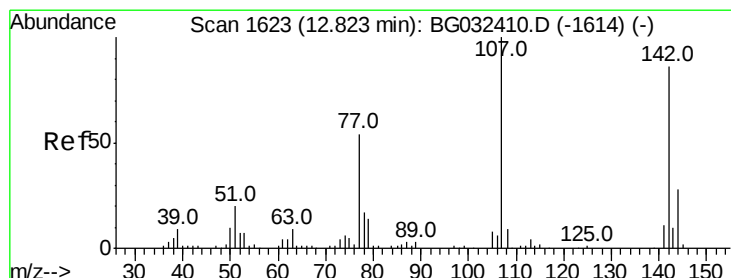
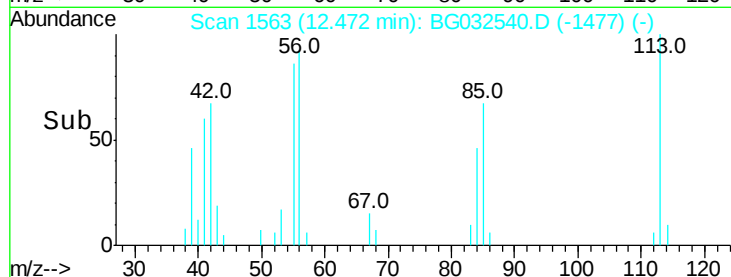
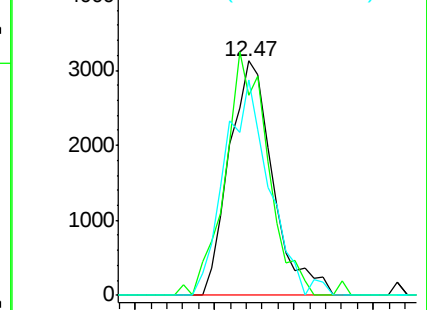
56 91.7 130.9 170.9#



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: 16.327 ng

RT: 12.82 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

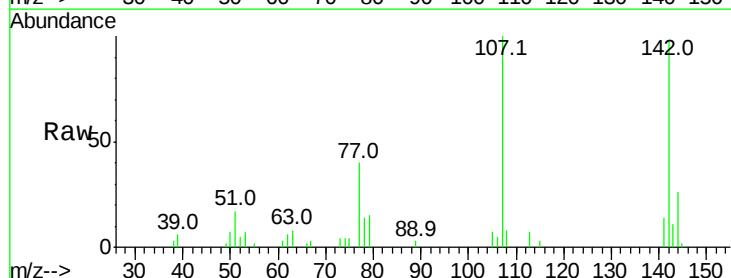
Tgt Ion:107 Resp: 19710

Ion Ratio Lower Upper

107 100

144 26.4 18.2 27.4

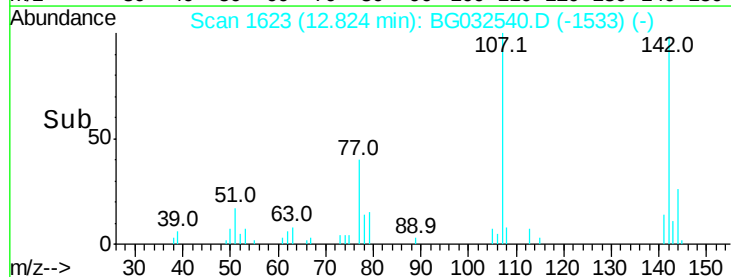
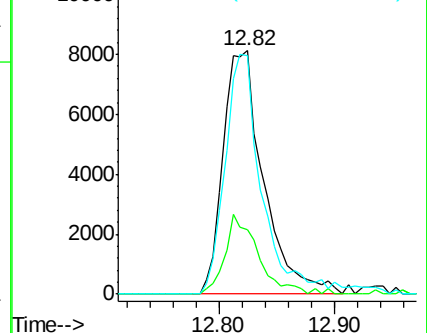
142 98.2 59.0 88.4#

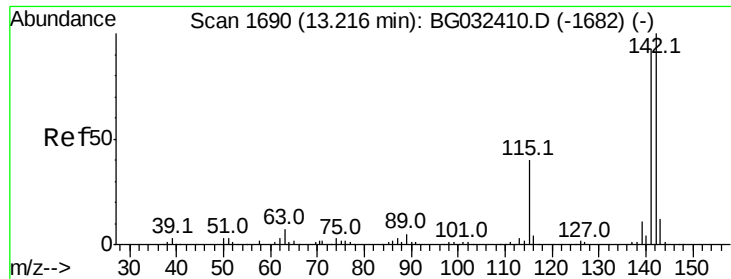


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

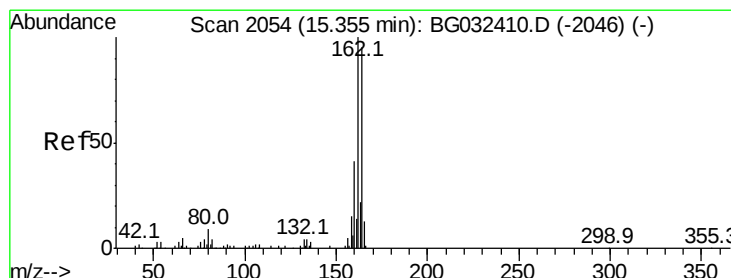
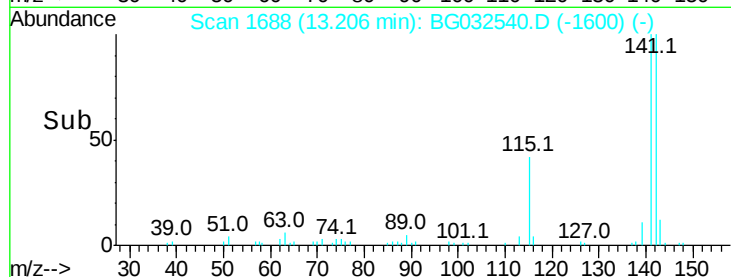
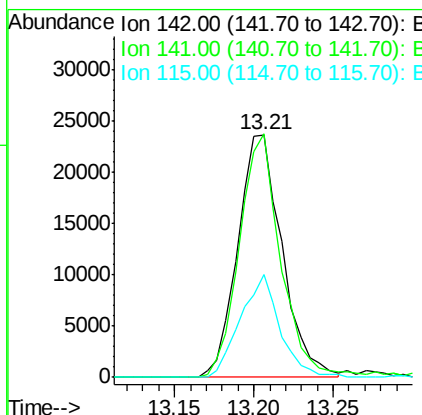
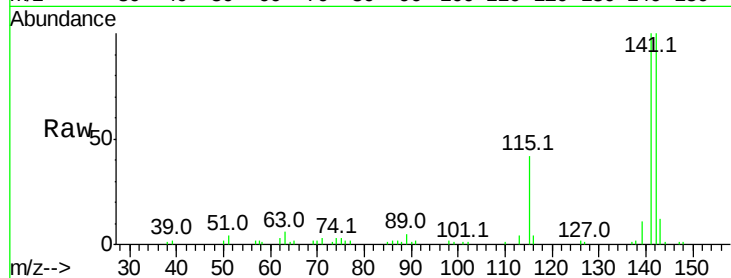




#37
 2-Methylnaphthalene
 Concen: 15.638 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

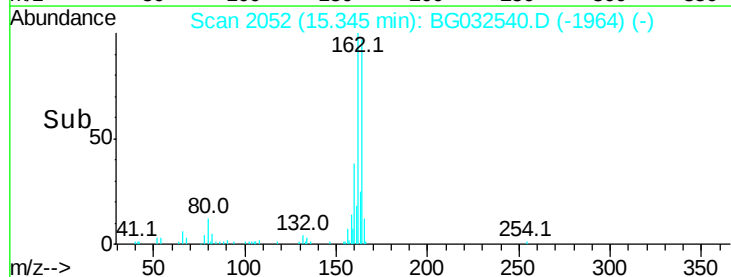
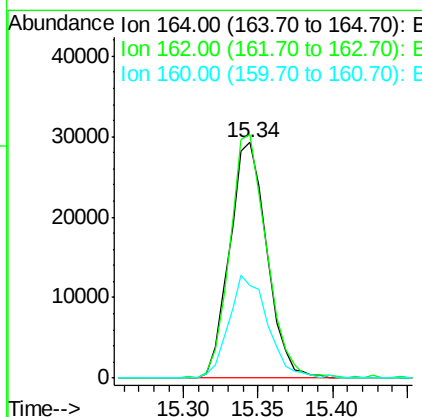
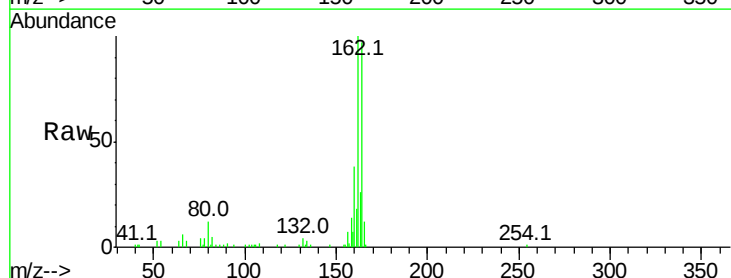
Instrument :
 BNA_G
 ClientSampleId :

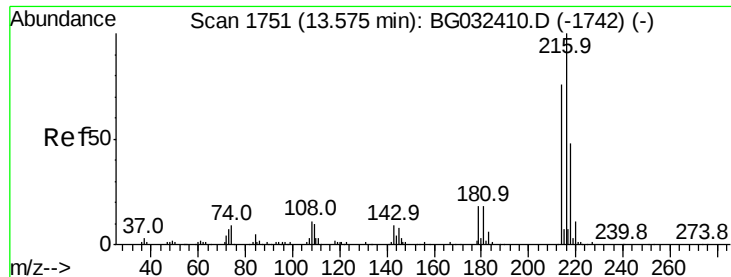
Tot Ion:142 Resp: 45894
 Ion Ratio Lower Upper
 142 100
 141 100.3 67.1 100.7
 115 42.2 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:164 Resp: 50962
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.8 118.2
 160 39.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.443 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 34434

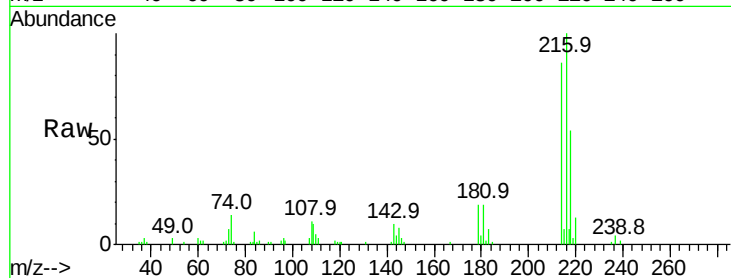
Ion Ratio Lower Upper

216 100

214 76.6 63.0 94.4

179 18.8 17.0 25.6

108 11.8 12.8 19.2#

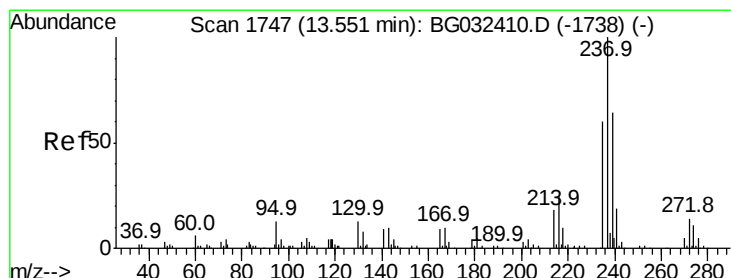
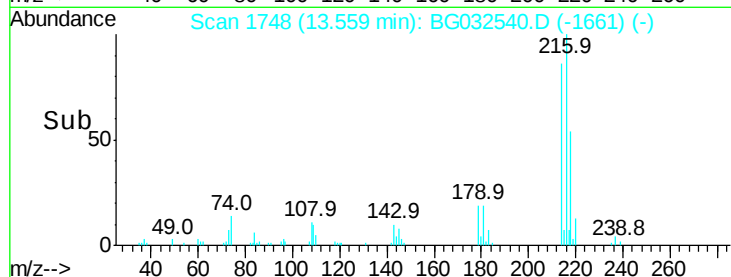
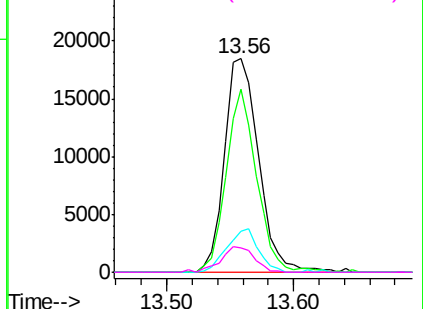


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 13.578 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

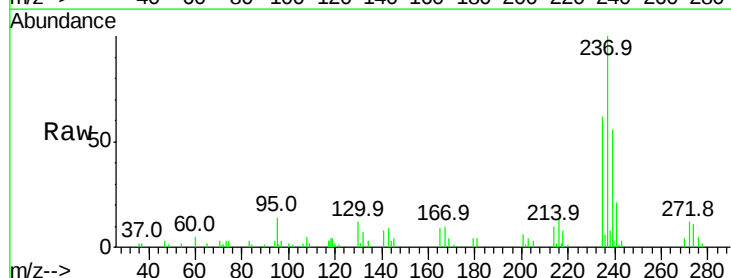
Tgt Ion:237 Resp: 20227

Ion Ratio Lower Upper

237 100

235 61.8 50.4 90.4

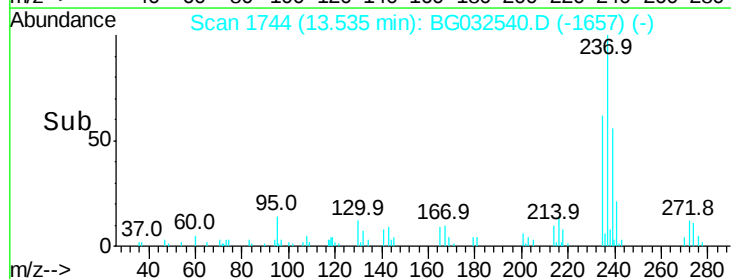
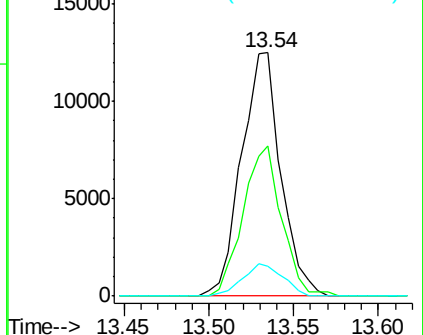
272 12.0 0.0 31.8

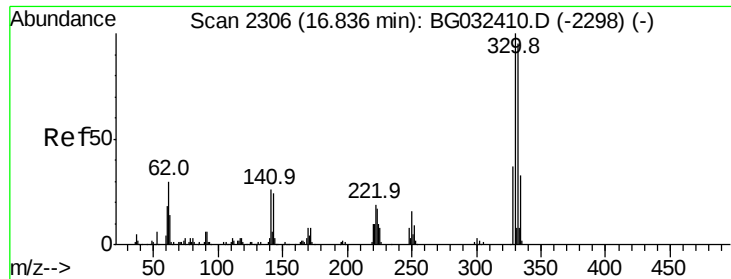


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

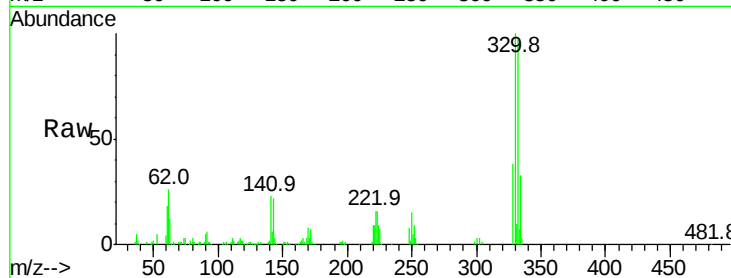




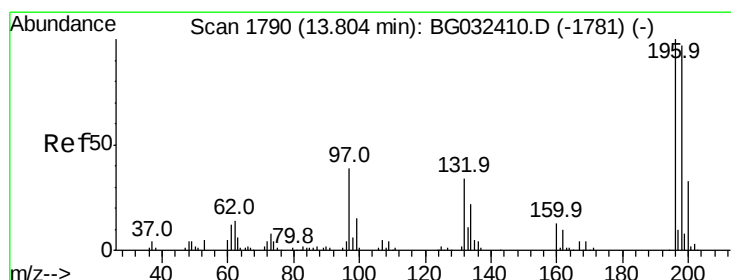
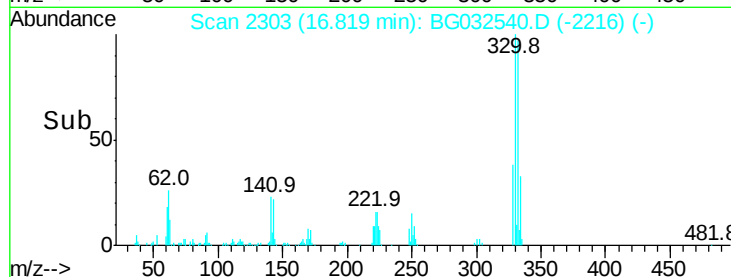
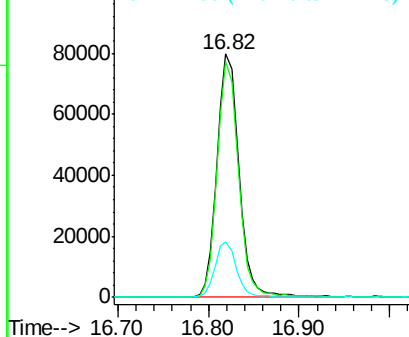
#41
 2,4,6-Tribromophenol
 Concen: 139.417 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 135243
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 22.3 25.2 37.8#

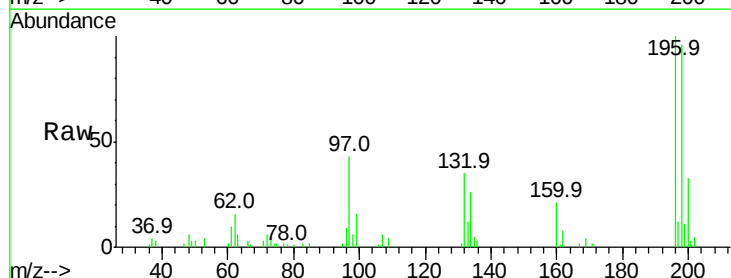


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

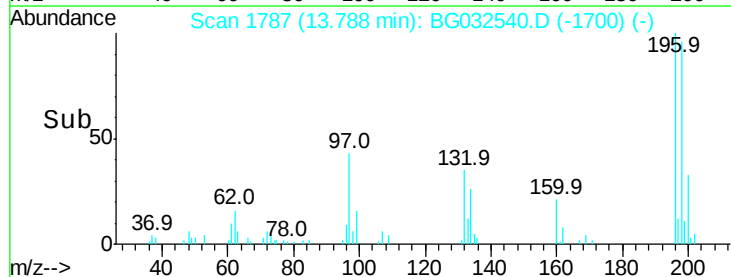
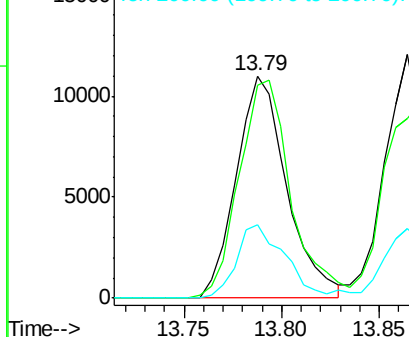


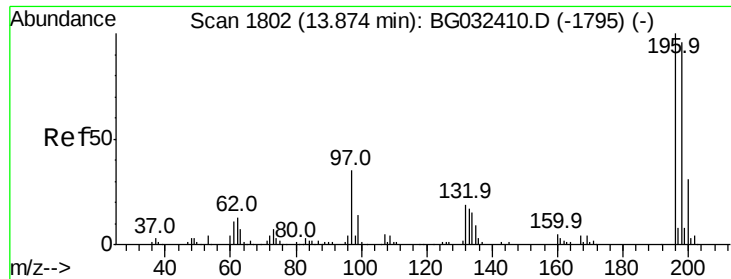
#42
 2,4,6-Trichlorophenol
 Concen: 15.186 ng
 RT: 13.79 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:196 Resp: 19694
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.2
 200 33.0 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

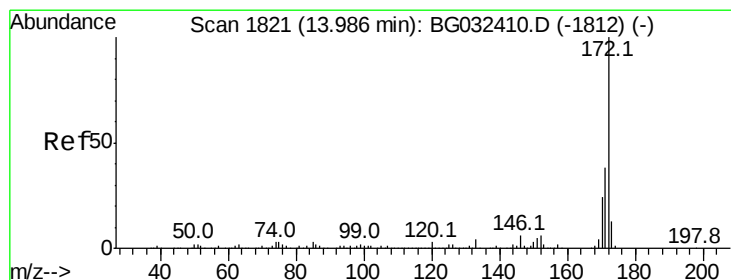
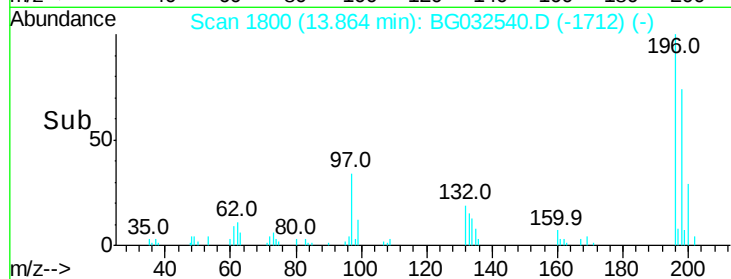
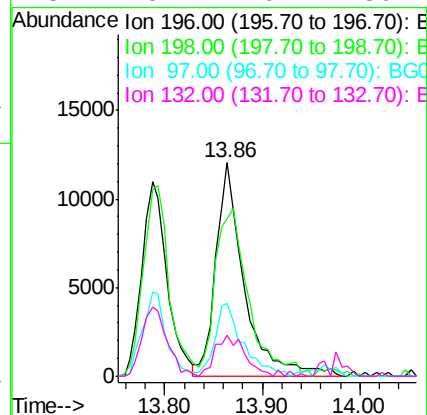
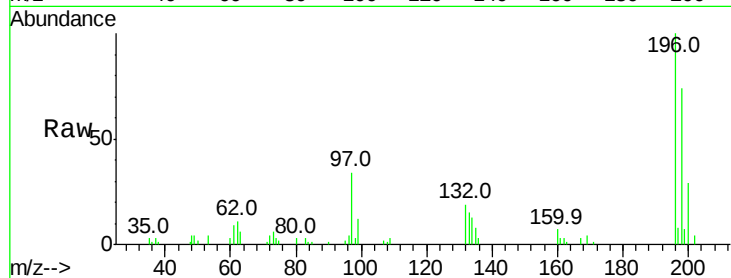




#43
 2,4,5-Trichlorophenol
 Concen: 16.086 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

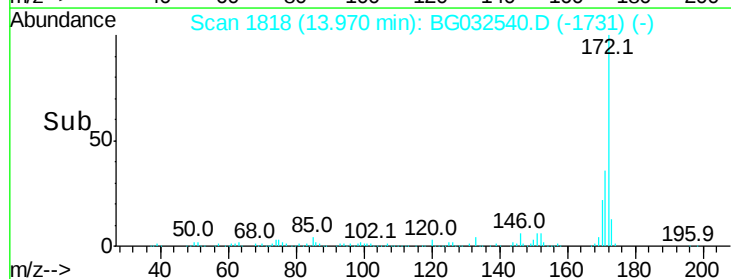
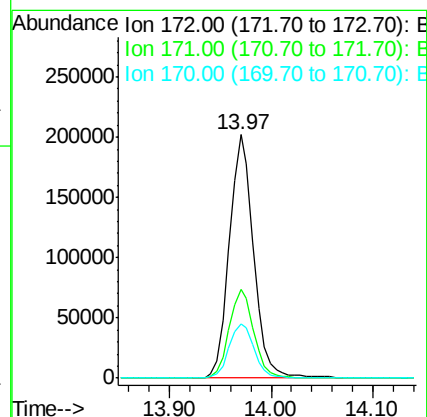
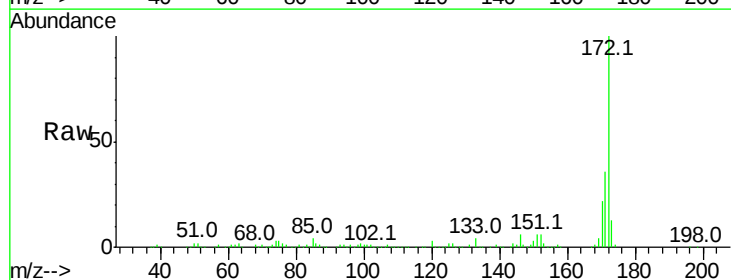
Instrument :
 BNA_G
 ClientSampleId :

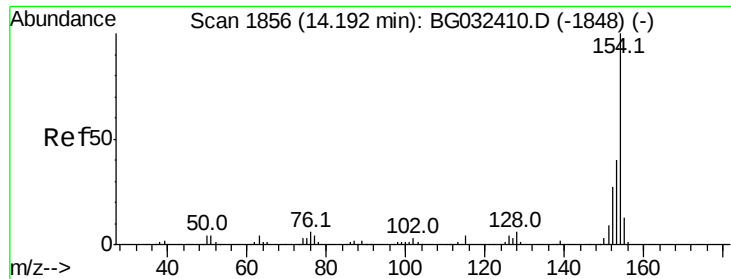
Tot Ion	Ratio	Lower	Upper
196	100		
198	73.9	76.2	114.4#
97	34.4	38.7	58.1#
132	19.2	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 78.092 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	22.5	19.5	29.3

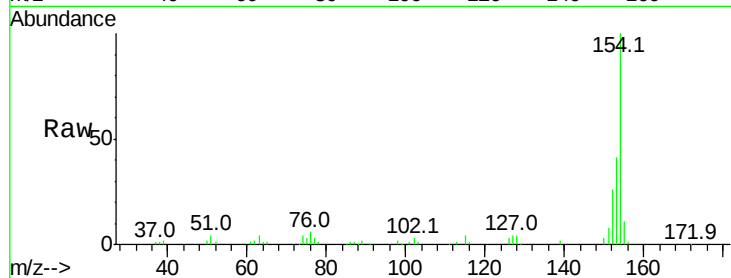




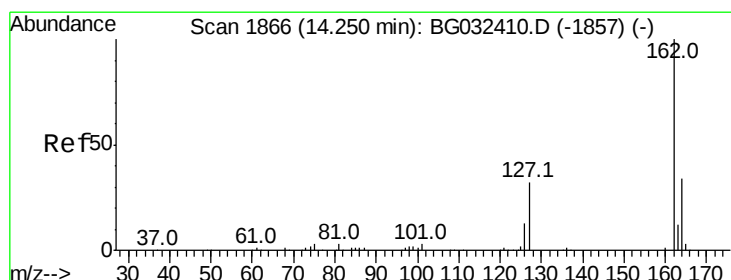
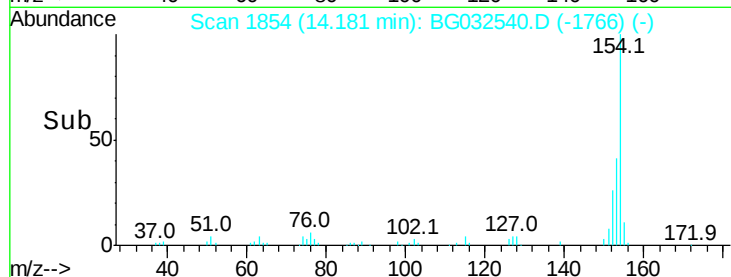
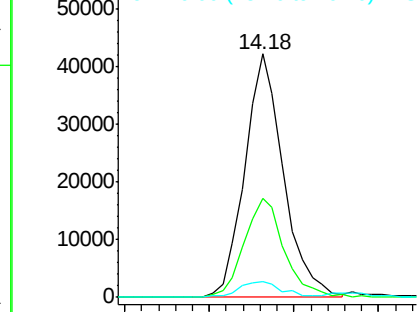
#45
 1,1'-Biphenyl
 Concen: 15.602 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.8	59.8
76	6.3	0.0	31.9

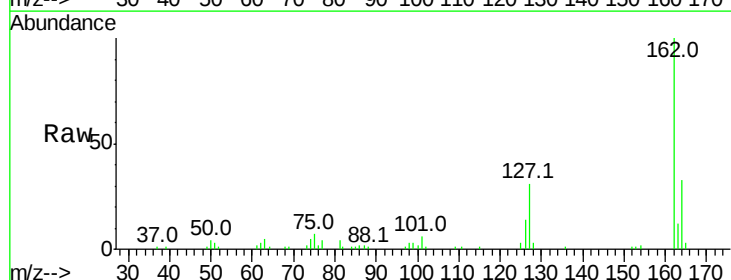


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

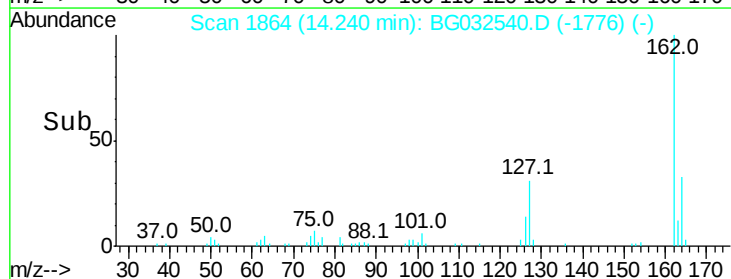
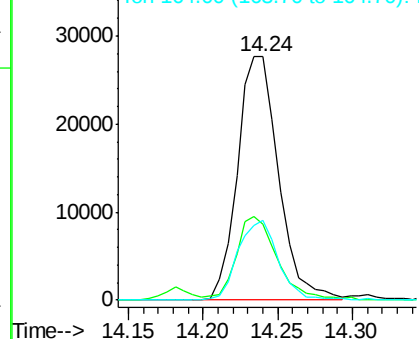


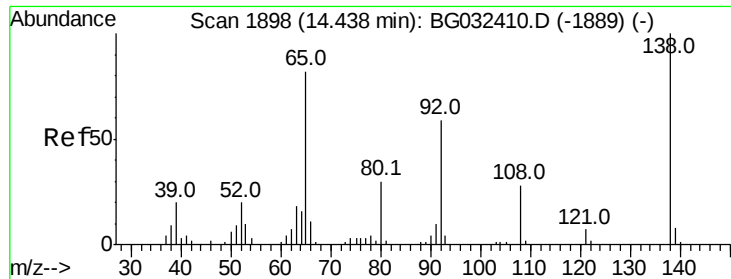
#46
 2-Chloronaphthalene
 Concen: 15.627 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	31.3	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

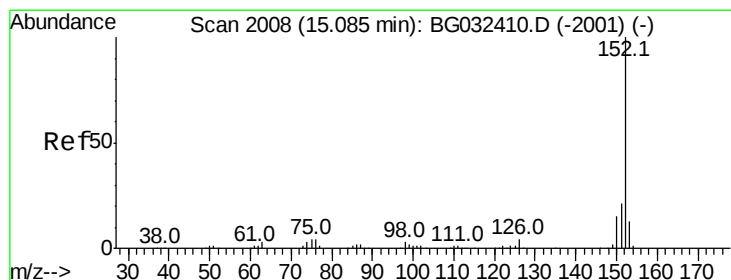
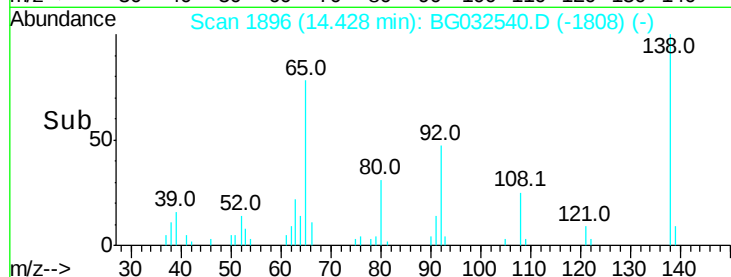
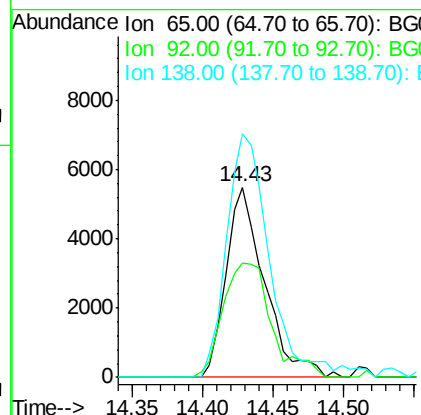
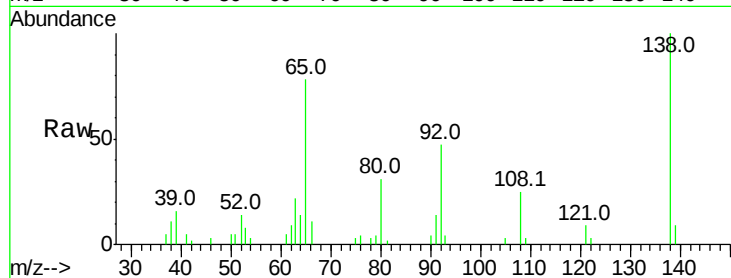




#47
 2-Nitroaniline
 Concen: 13.948 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

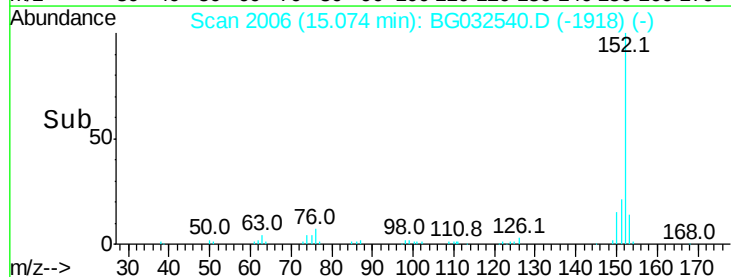
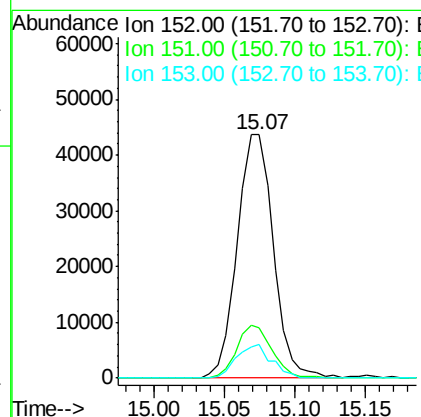
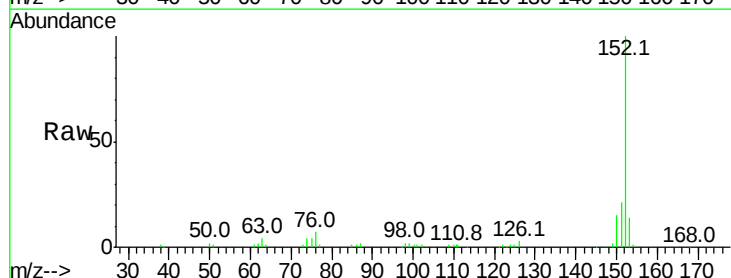
Instrument :
 BNA_G
 ClientSampleID :

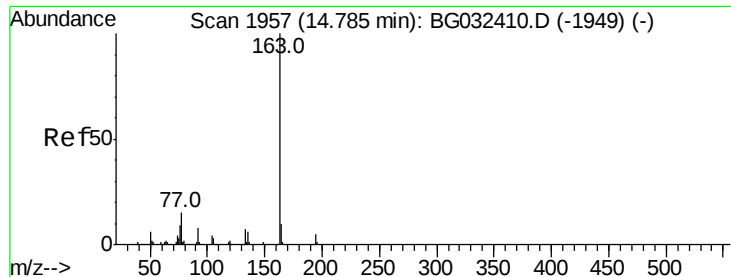
Tot Ion: 65 Resp: 10409
 Ion Ratio Lower Upper
 65 100
 92 60.4 54.6 82.0
 138 128.2 72.9 109.3#



#48
 Acenaphthylene
 Concen: 15.348 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion: 152 Resp: 78297
 Ion Ratio Lower Upper
 152 100
 151 20.9 17.2 25.8
 153 13.8 10.2 15.4





#49

Dimethylphthalate

Concen: 14.749 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

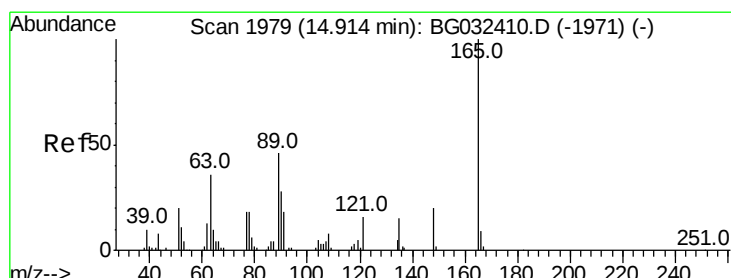
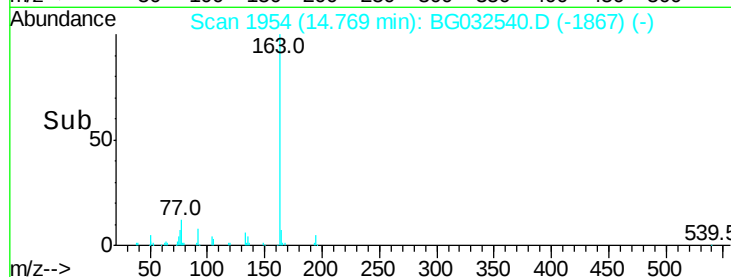
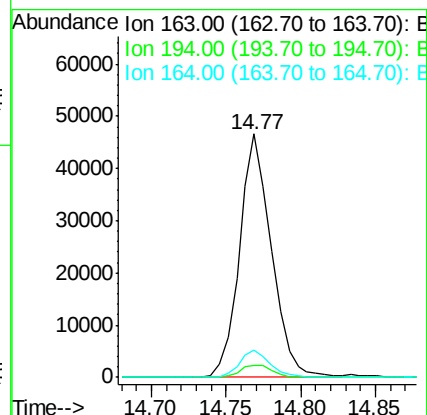
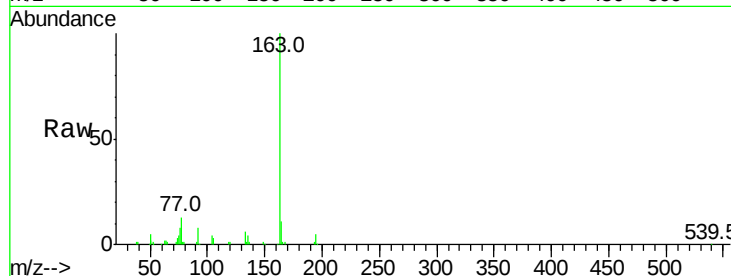
Tot Ion:163 Resp: 69305

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

164 11.0 8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 15.659 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

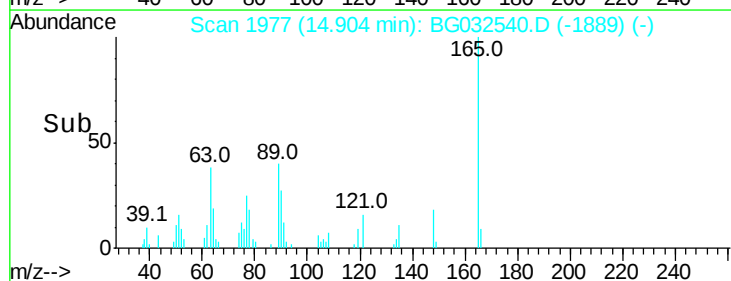
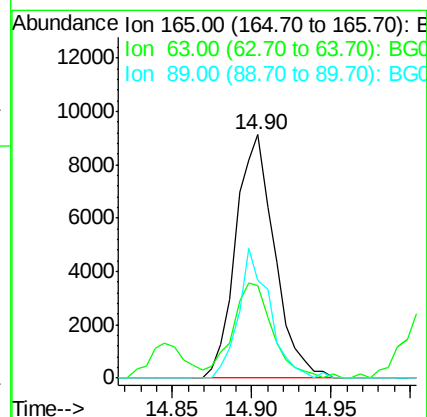
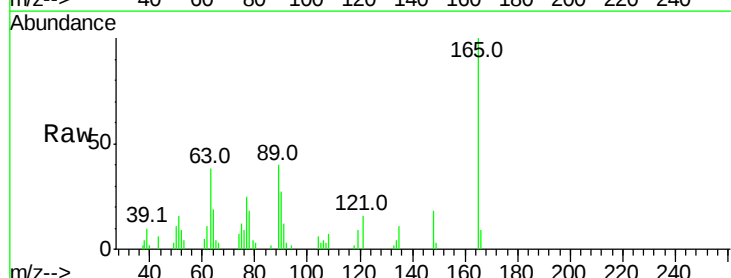
Tgt Ion:165 Resp: 15444

Ion Ratio Lower Upper

165 100

63 38.2 52.7 79.1#

89 40.3 49.2 73.8#





#51

Acenaphthene

Concen: 14.187 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

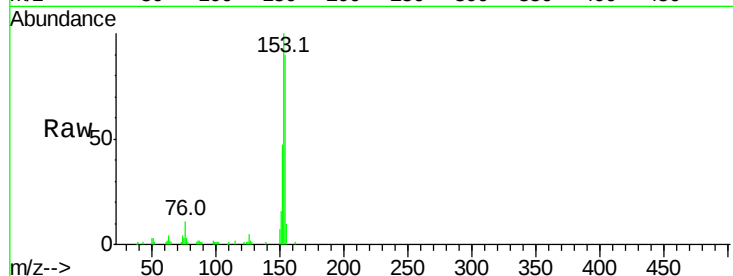
Tot Ion:154 Resp: 50196

Ion Ratio Lower Upper

154 100

153 111.4 90.4 135.6

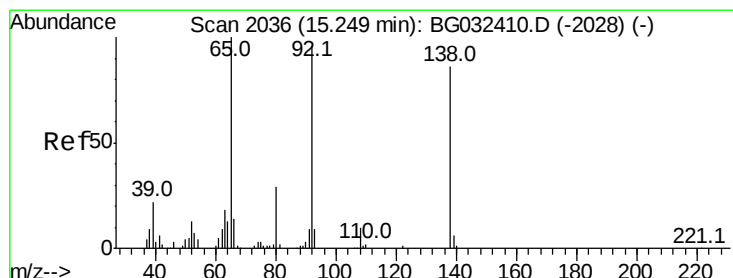
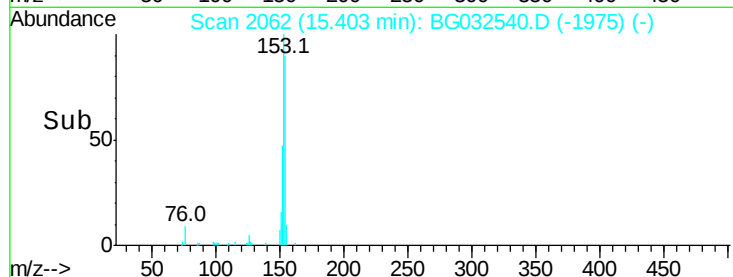
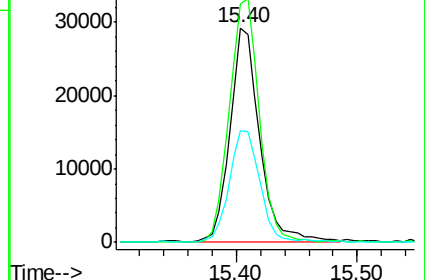
152 52.3 41.6 62.4



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: 10.020 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

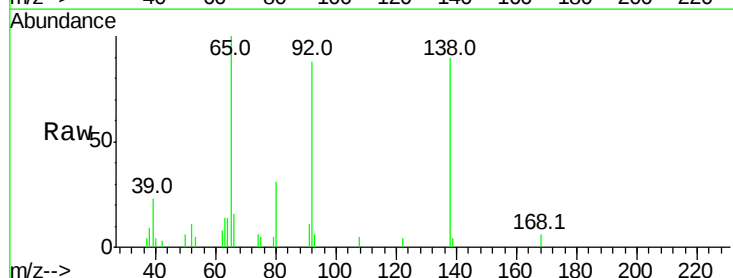
Tgt Ion:138 Resp: 8632

Ion Ratio Lower Upper

138 100

108 5.2 17.5 26.3#

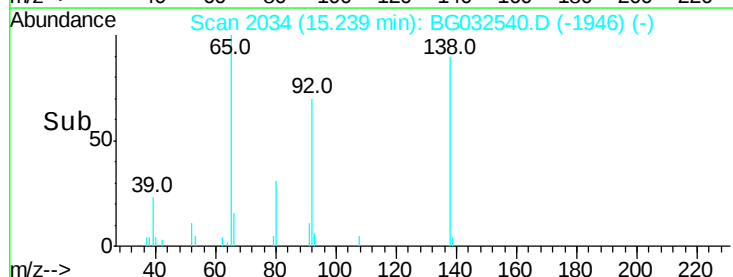
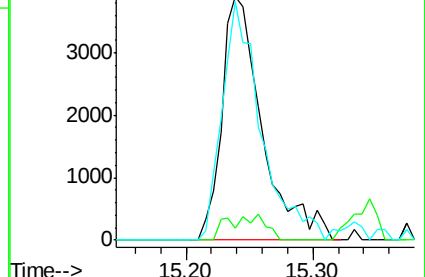
92 97.8 105.8 158.8#

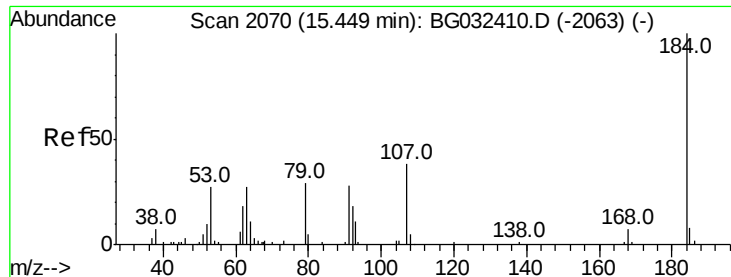


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

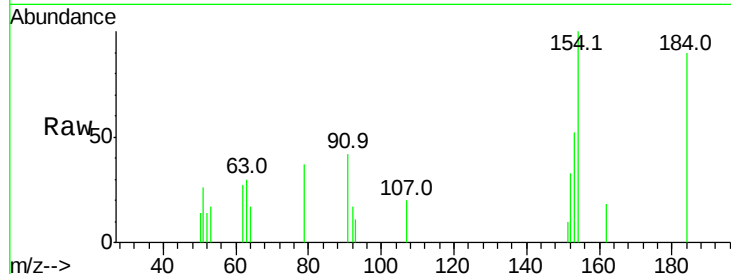




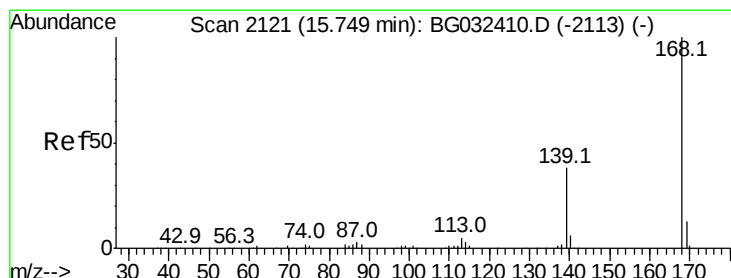
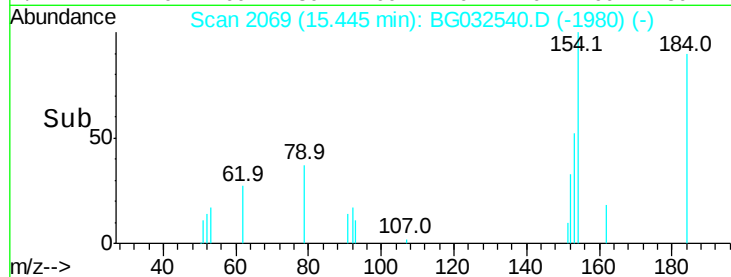
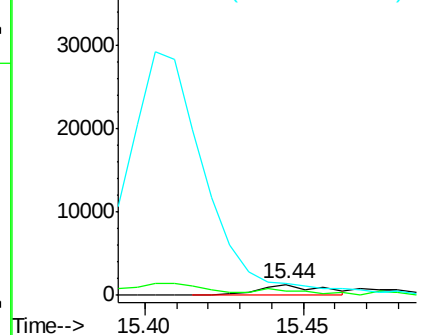
#53
 2,4-Dinitrophenol
 Concen: 6.813 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 1758
 Ion Ratio Lower Upper
 184 100
 63 33.4 59.8 89.8#
 154 110.8 101.8 152.8

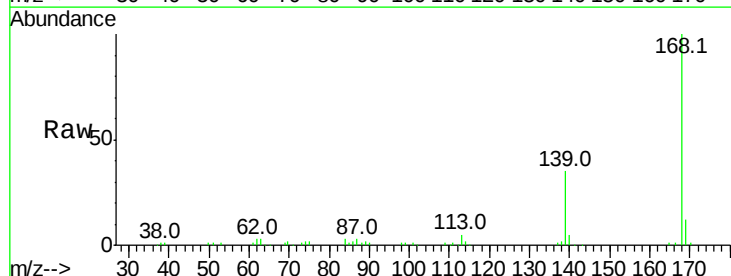


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

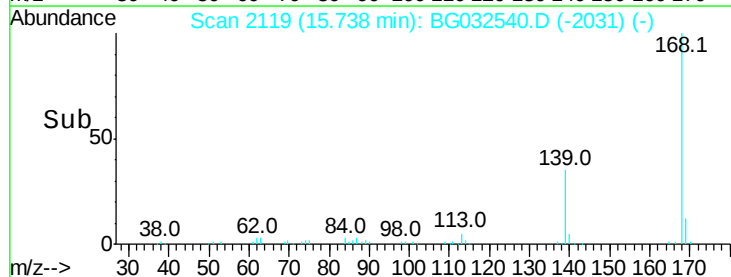
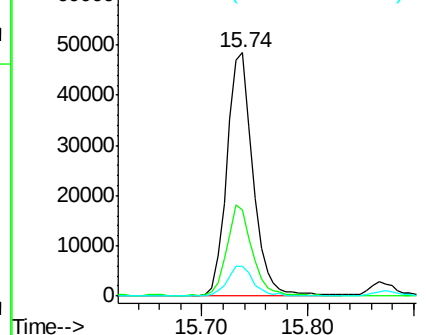


#54
 Dibenzofuran
 Concen: 15.845 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:168 Resp: 82976
 Ion Ratio Lower Upper
 168 100
 139 35.3 28.6 43.0
 169 12.4 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: 14.113 ng

RT: 15.53 min Scan# 2084

Delta R.T. 0.01 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

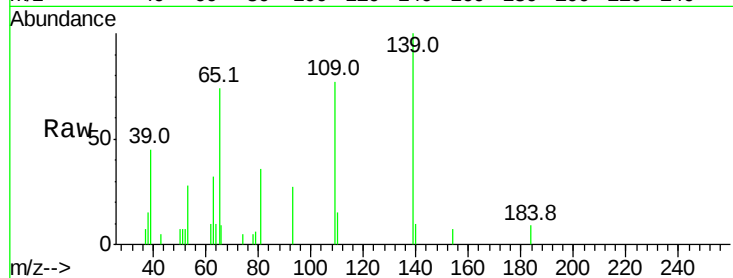
Tot Ion:139 Resp: 9102

Ion Ratio Lower Upper

139 100

109 77.0 62.2 102.2

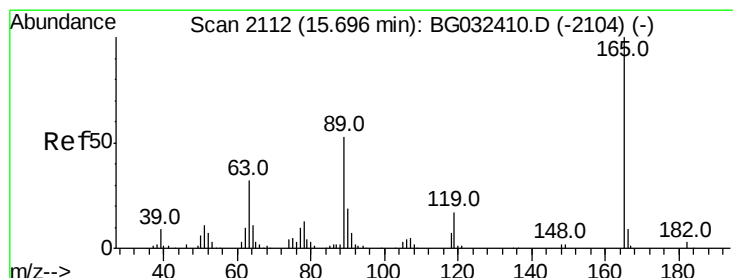
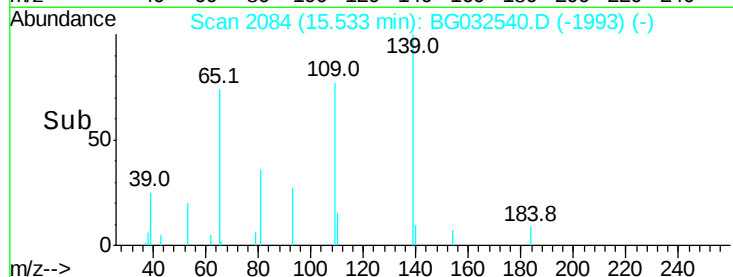
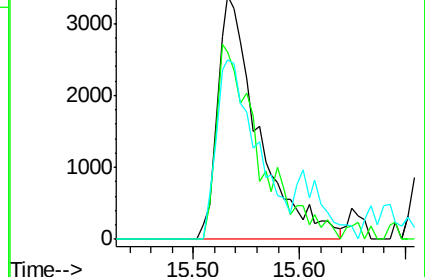
65 73.7 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 15.458 ng

RT: 15.68 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Tgt Ion:165 Resp: 21706

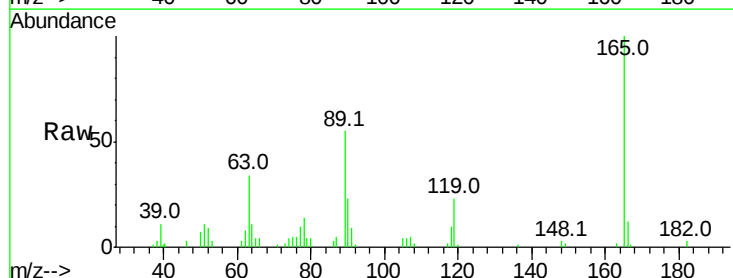
Ion Ratio Lower Upper

165 100

63 33.8 42.0 63.0#

89 55.5 66.9 100.3#

182 2.9 2.6 3.8

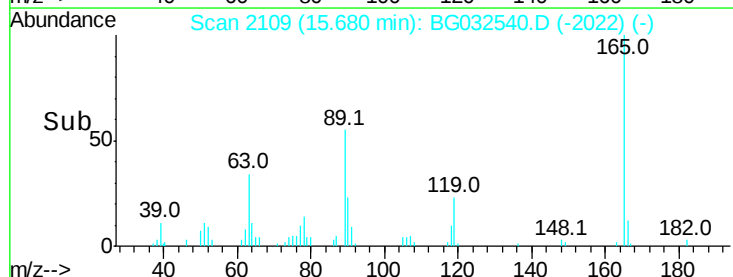
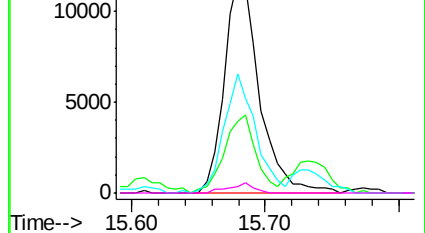


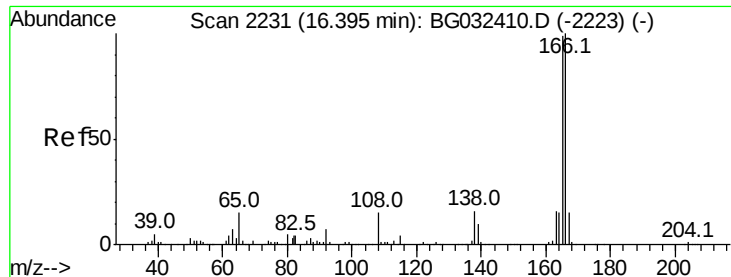
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

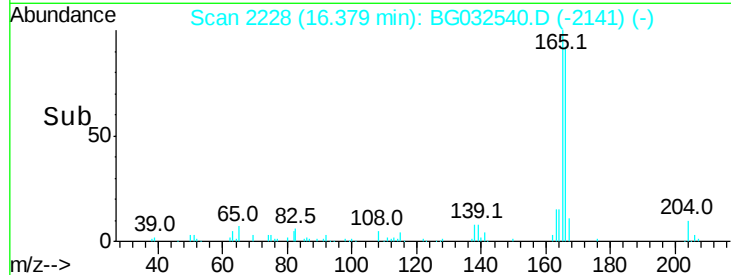
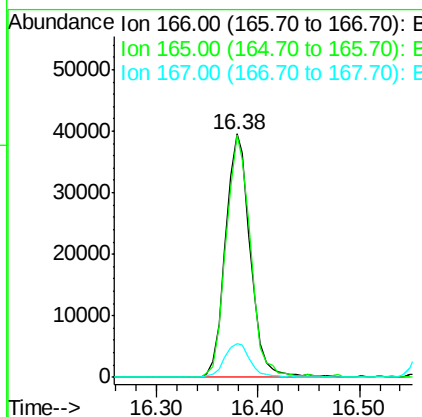
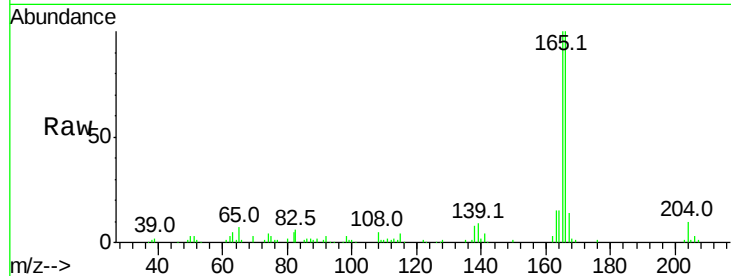




#57
 Fluorene
 Concen: 15.450 ng
 RT: 16.38 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

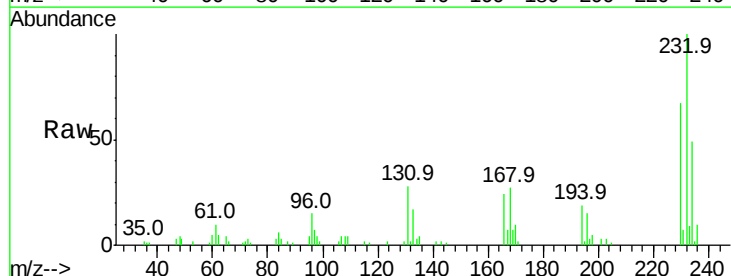
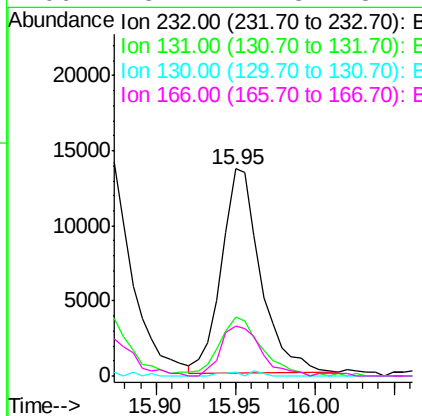
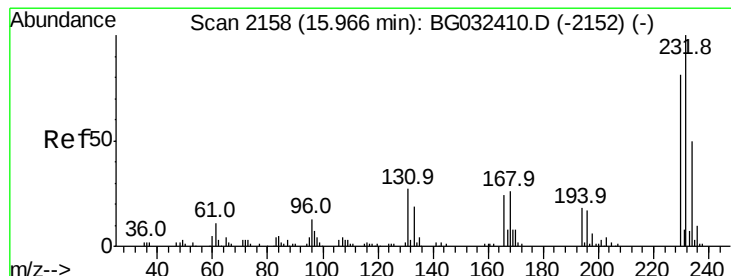
Instrument :
 BNA_G
 ClientSampled :

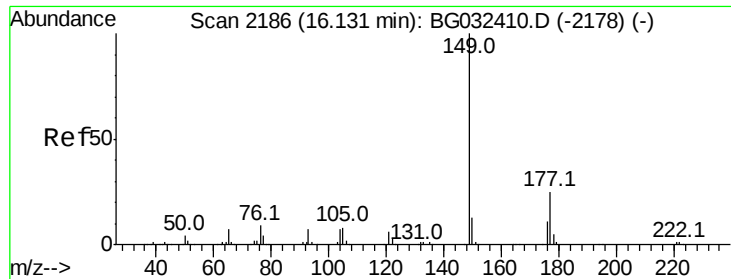
Tot Ion:166 Resp: 67230
 Ion Ratio Lower Upper
 166 100
 165 99.6 80.6 121.0
 167 13.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.624 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:232 Resp: 23295
 Ion Ratio Lower Upper
 232 100
 131 30.3 33.5 50.3#
 130 1.0 2.2 3.2#
 166 25.1 24.8 37.2

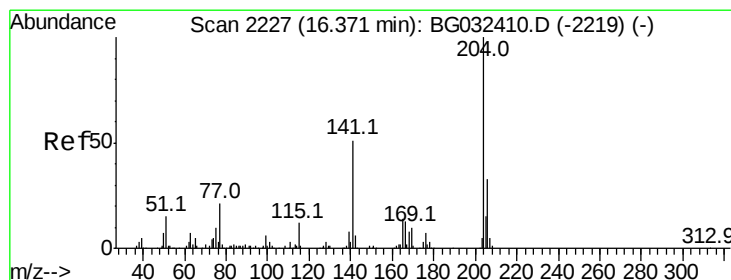
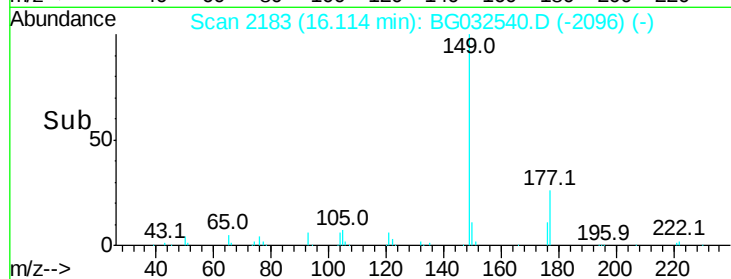
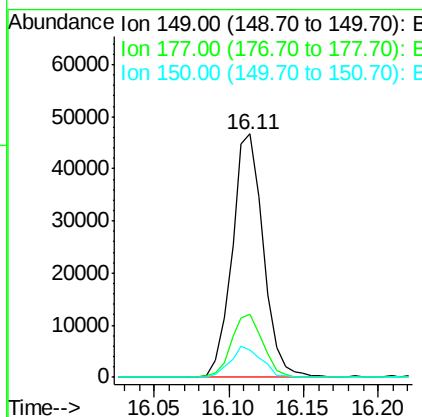
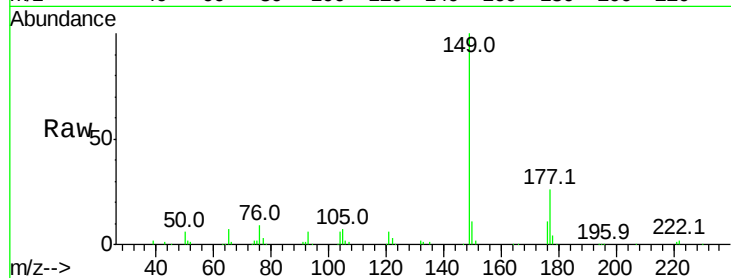




#59
 Diethylphthalate
 Concen: 14.846 ng
 RT: 16.11 min Scan# 2183
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

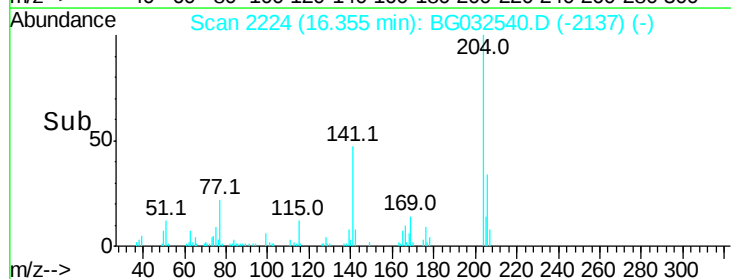
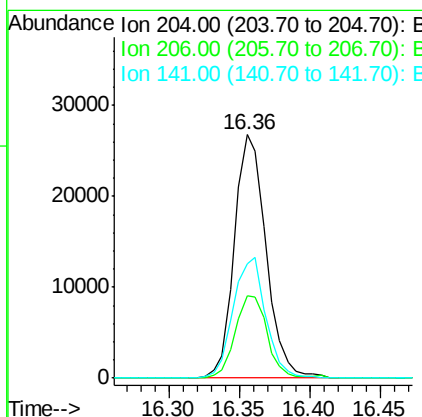
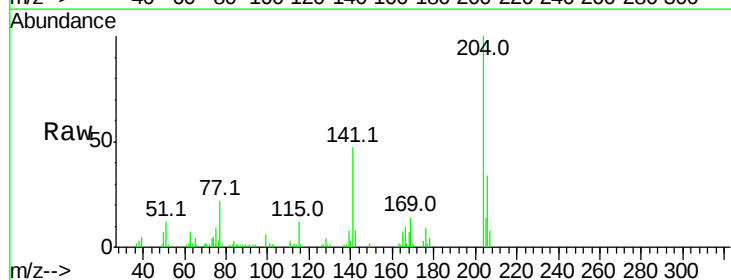
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.9	18.5	27.7
150	11.4	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 15.261 ng
 RT: 16.36 min Scan# 2224
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	47.0	45.8	68.6





#61

4-Nitroaniline

Concen: 14.766 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

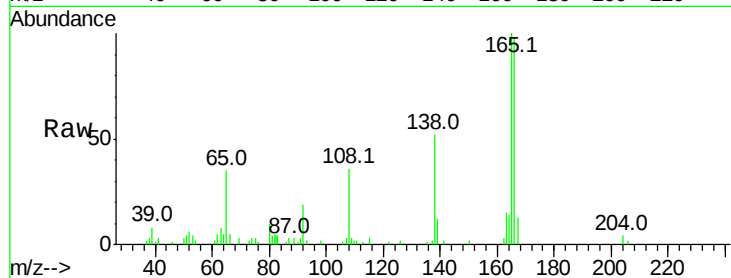
Tot Ion:138 Resp: 13634

Ion Ratio Lower Upper

138 100

92 36.3 40.1 80.1#

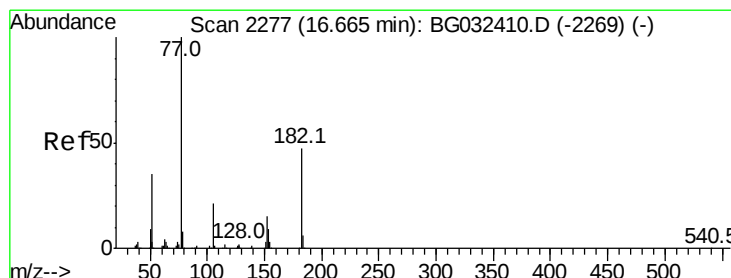
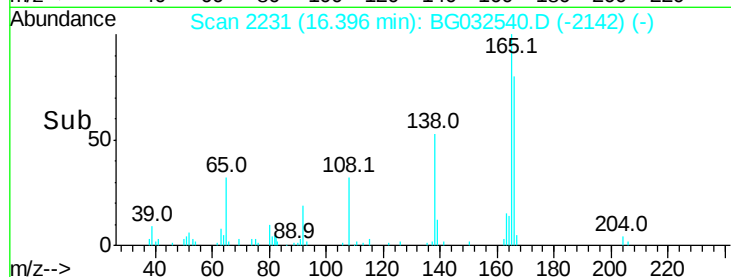
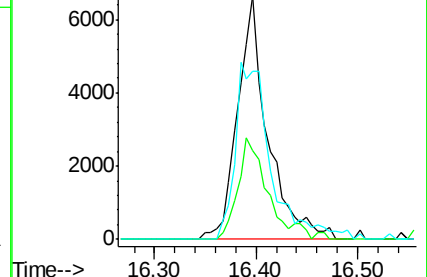
108 69.0 65.4 105.4



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: 15.767 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Tgt Ion: 77 Resp: 43122

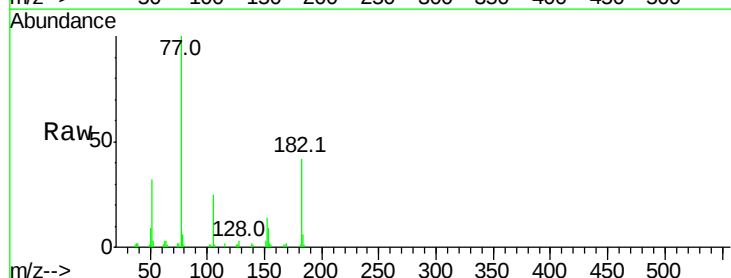
Ion Ratio Lower Upper

77 100

182 41.9 7.4 47.4

105 25.2 0.3 40.3

51 31.9 11.6 51.6

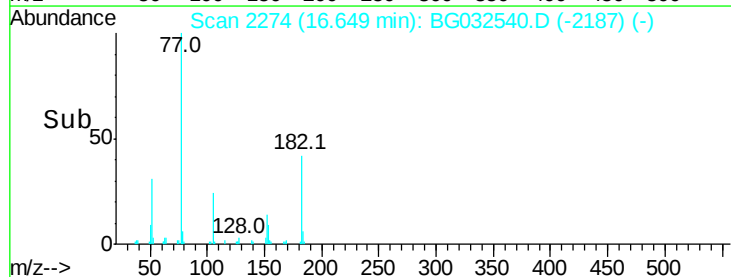
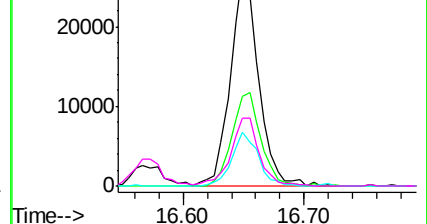


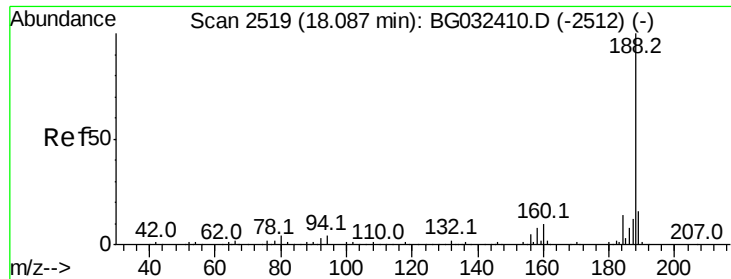
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

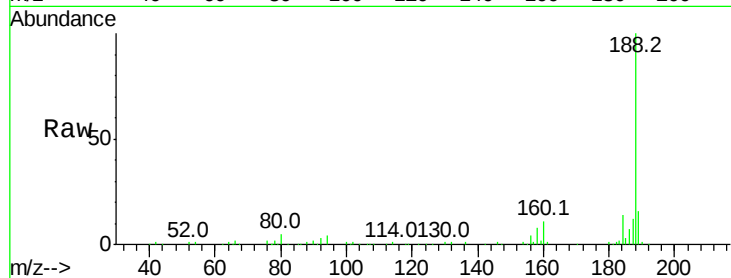




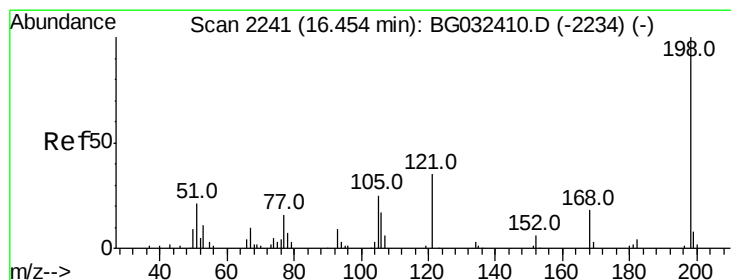
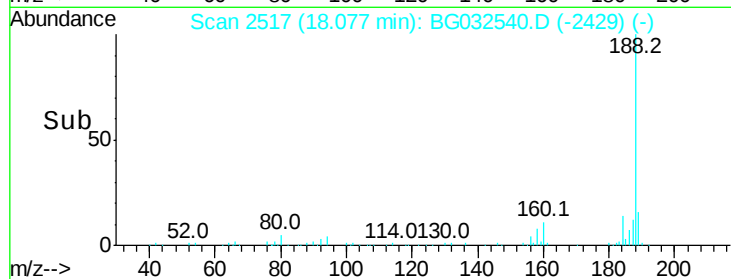
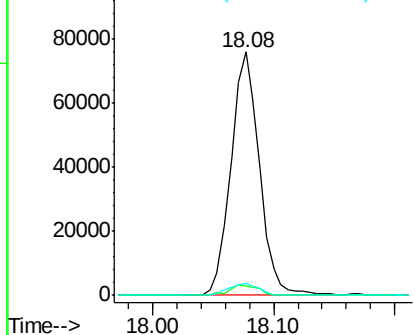
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 124580
 Ion Ratio Lower Upper
 188 100
 94 3.6 6.9 10.3#
 80 4.9 7.7 11.5#

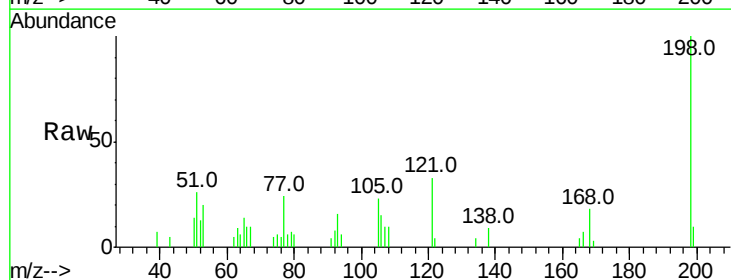


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

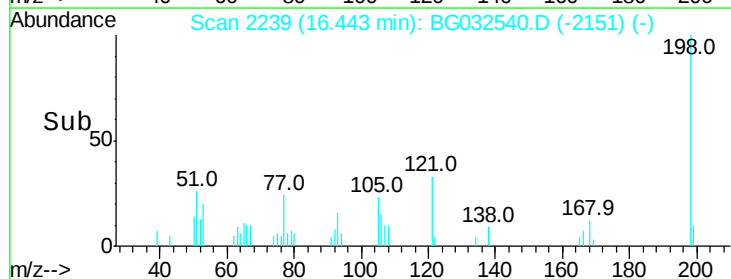
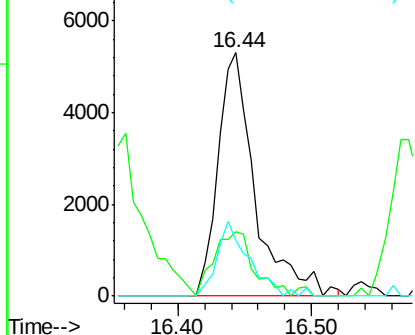


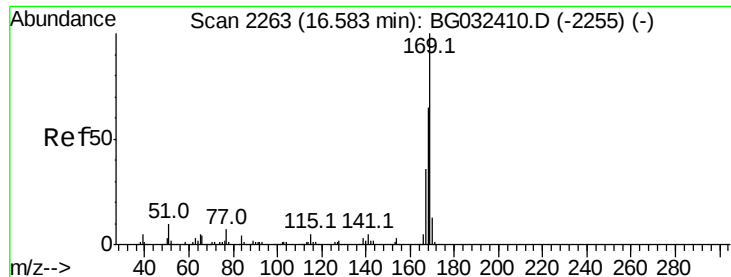
#64
 4,6-Dinitro-2-methylphenol
 Concen: 11.138 ng
 RT: 16.44 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:198 Resp: 10366
 Ion Ratio Lower Upper
 198 100
 51 26.5 30.6 70.6#
 105 22.6 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 16.741 ng

RT: 16.57 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampled :

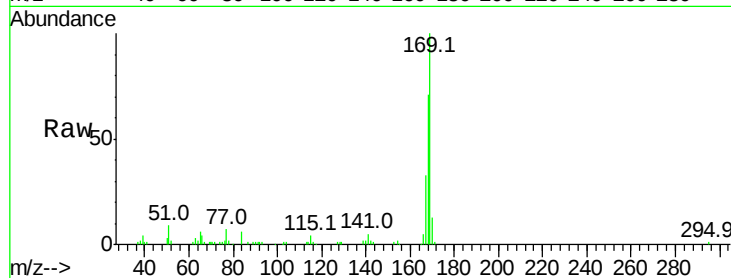
Tot Ion:169 Resp: 62242

Ion Ratio Lower Upper

169 100

168 70.6 55.7 83.5

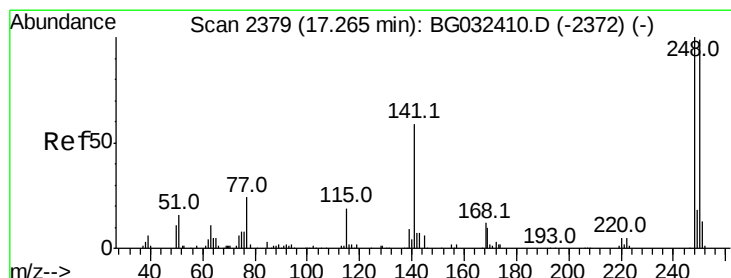
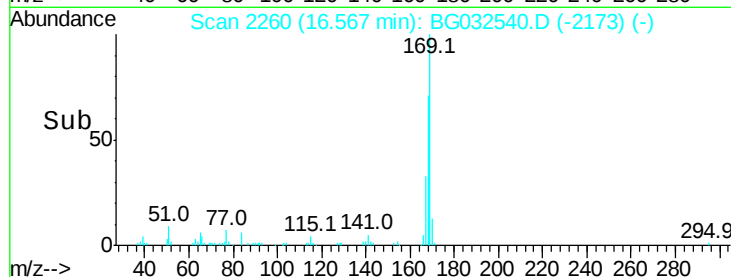
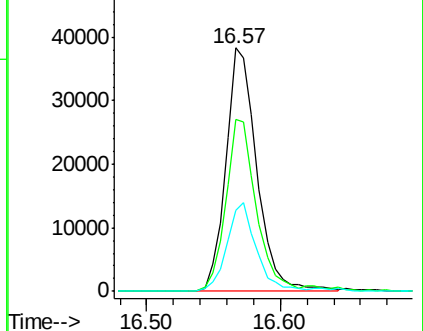
167 33.4 30.1 45.1



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: 16.076 ng

RT: 17.25 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

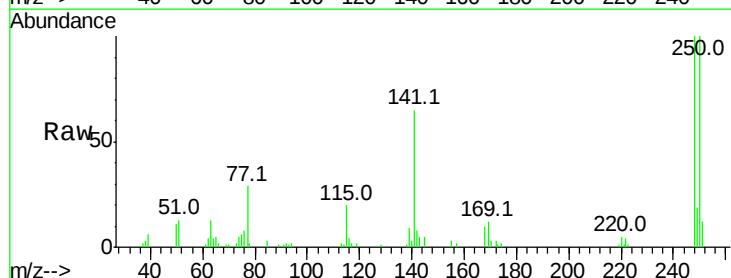
Tgt Ion:248 Resp: 29670

Ion Ratio Lower Upper

248 100

250 99.7 77.1 115.7

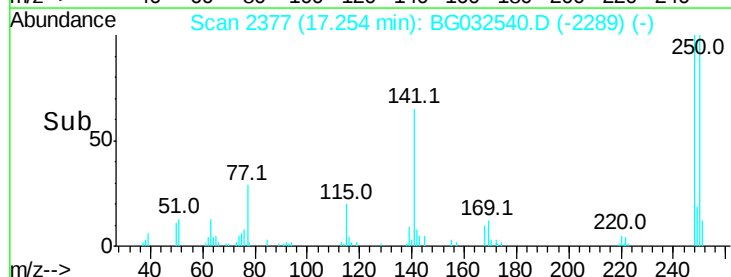
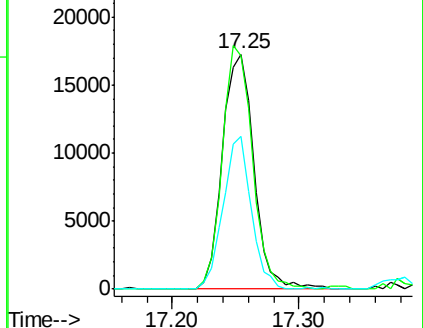
141 64.9 50.8 76.2

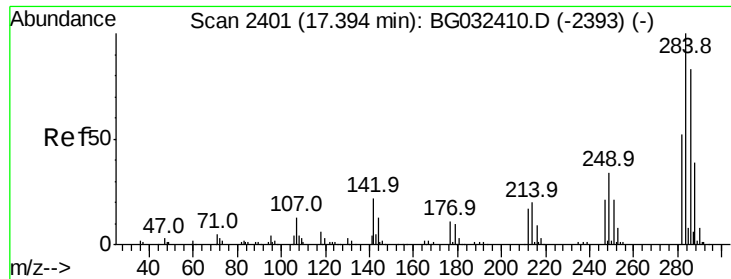


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 16.861 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampled :

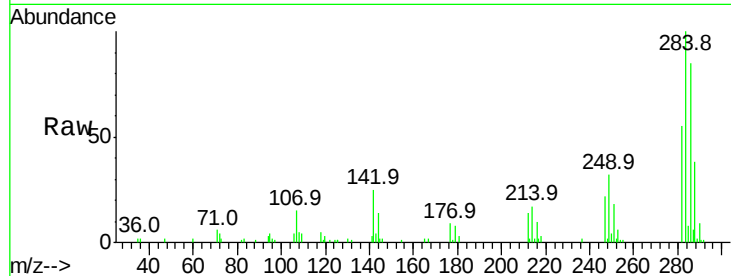
Tot Ion:284 Resp: 34438

Ion Ratio Lower Upper

284 100

142 25.4 26.8 40.2#

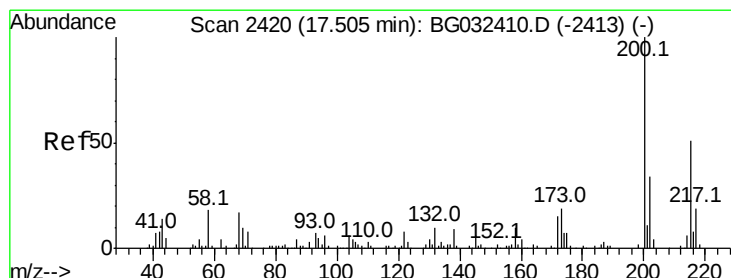
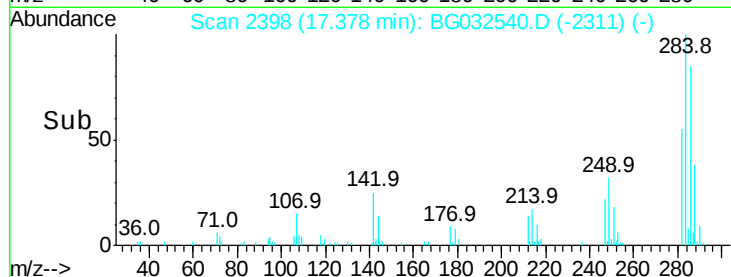
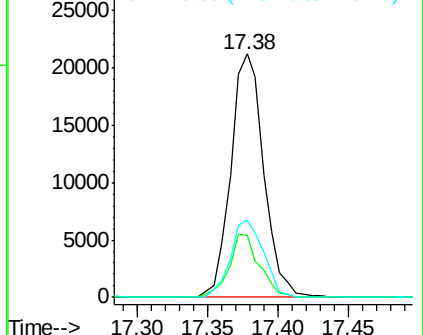
249 31.7 26.3 39.5



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: 17.239 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

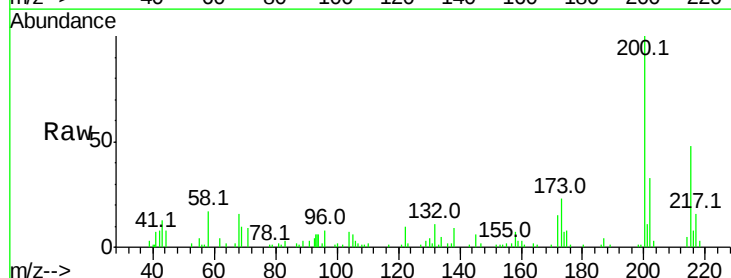
Tgt Ion:200 Resp: 27513

Ion Ratio Lower Upper

200 100

173 23.0 5.2 45.2

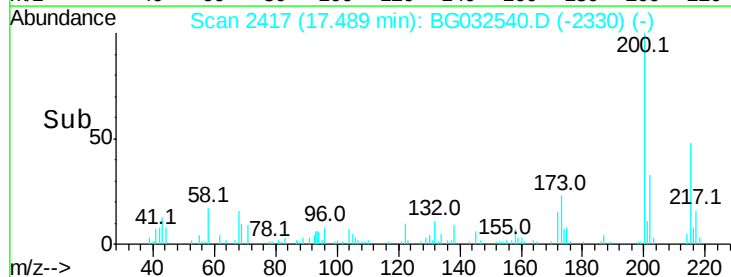
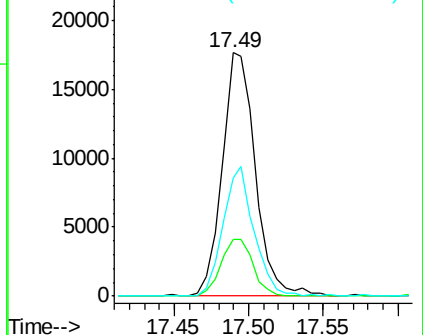
215 48.4 30.4 70.4

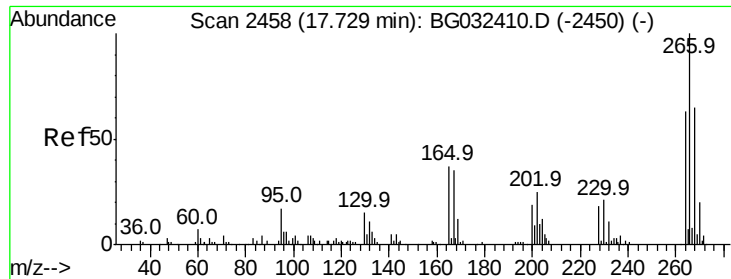


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

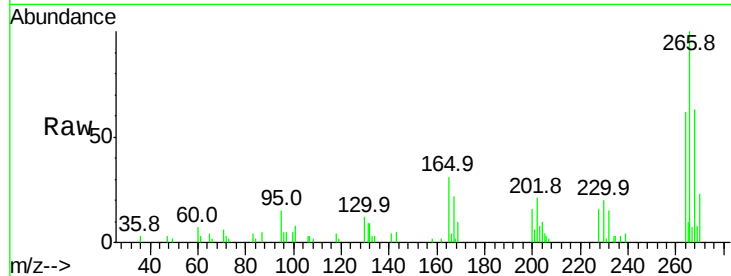




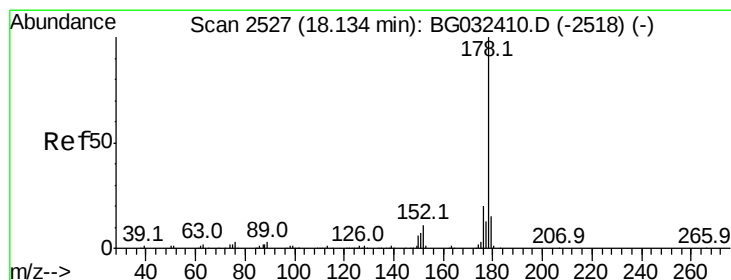
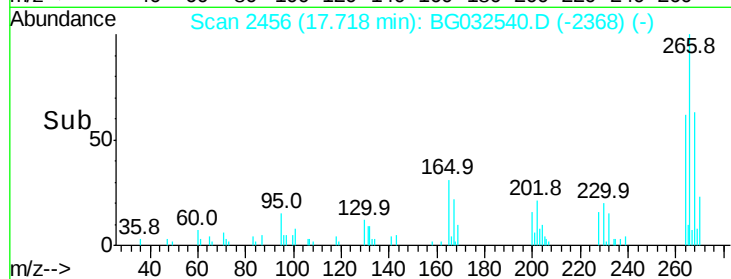
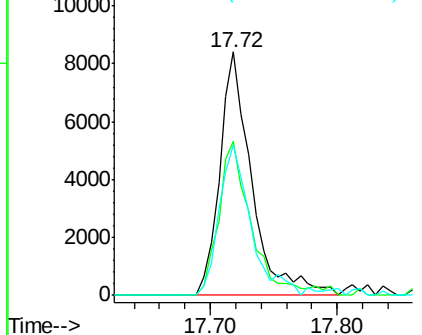
#69
 Pentachlorophenol
 Concen: 11.471 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 14677
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 61.8 49.6 74.4

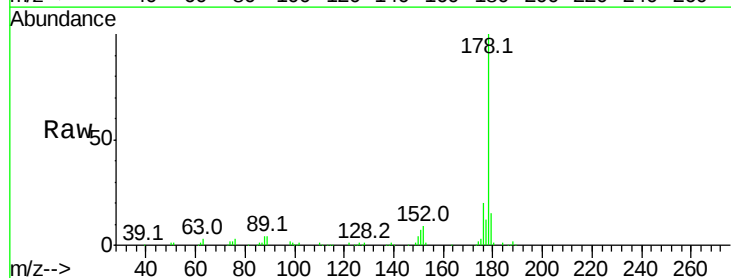


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

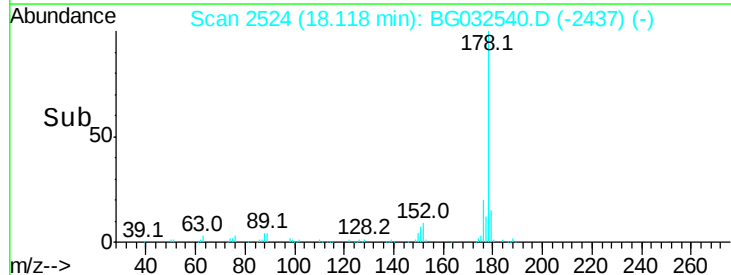
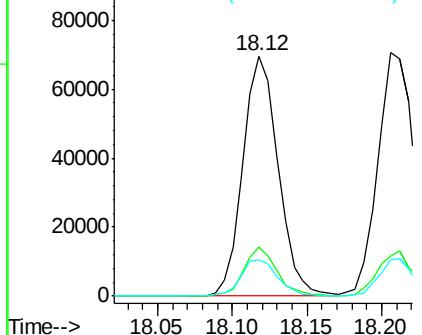


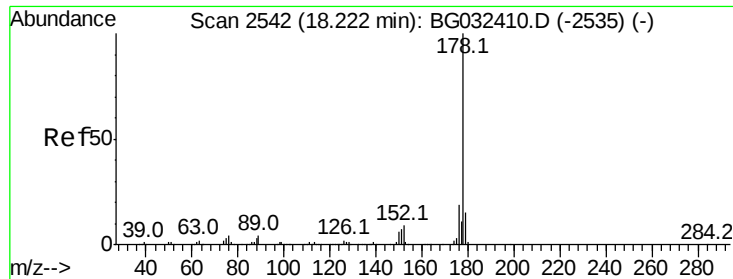
#70
 Phenanthrene
 Concen: 16.447 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:178 Resp: 114264
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 15.1 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

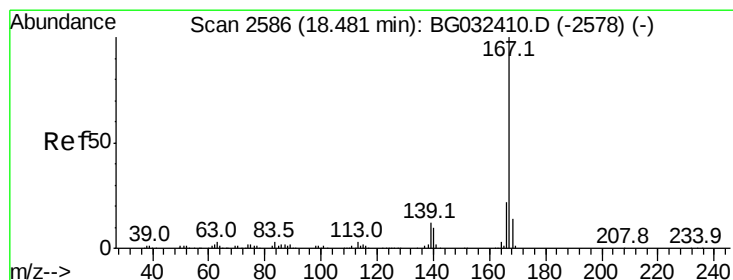
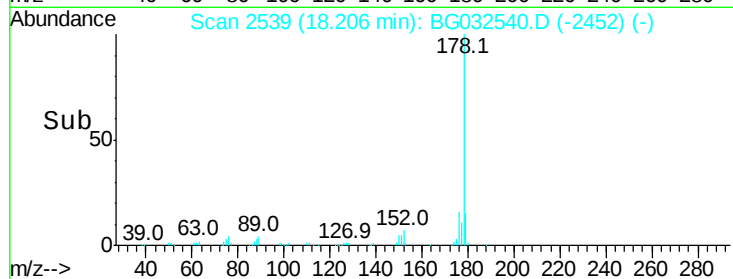
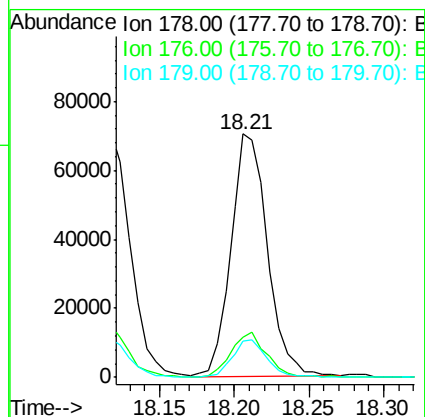
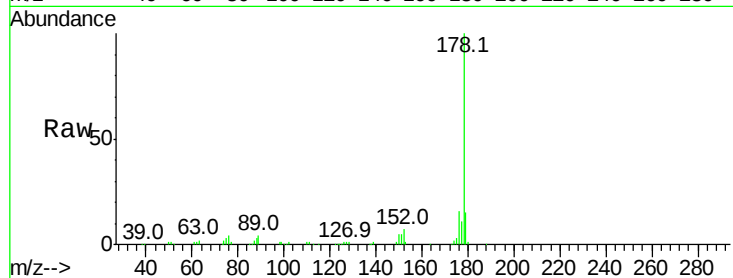




#71
 Anthracene
 Concen: 17.246 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

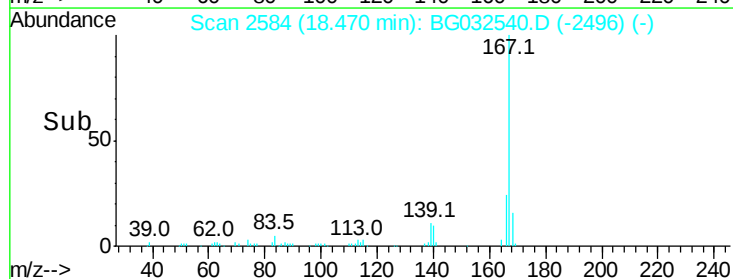
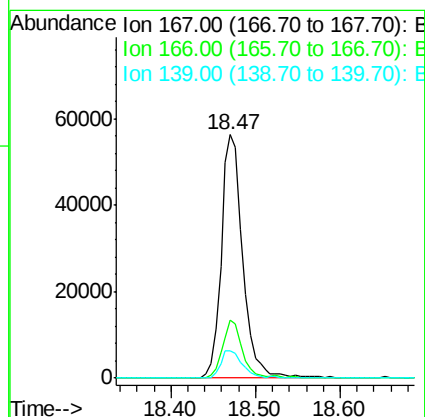
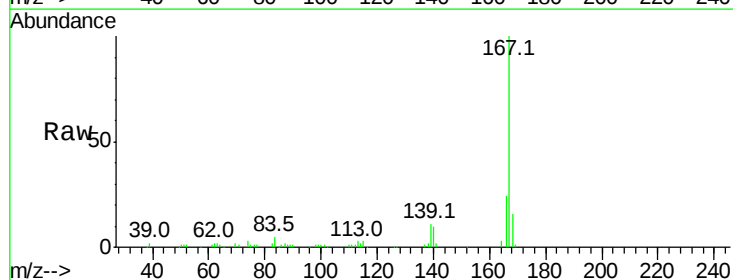
Instrument :
 BNA_G
 ClientSampleId :

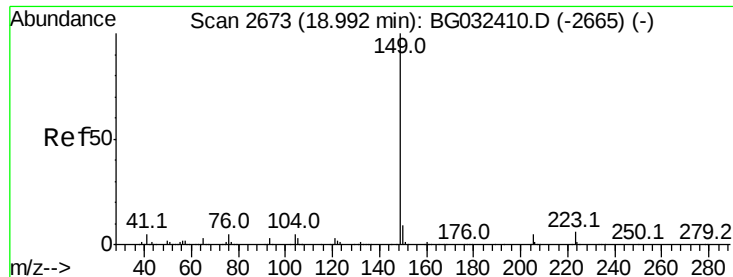
Tot Ion:178 Resp: 119302
 Ion Ratio Lower Upper
 178 100
 176 16.4 16.0 24.0
 179 14.8 12.5 18.7



#72
 Carbazole
 Concen: 16.241 ng
 RT: 18.47 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:167 Resp: 99264
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.2 27.4
 139 11.3 9.4 14.2

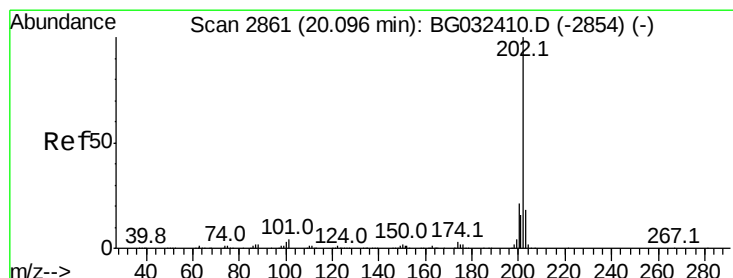
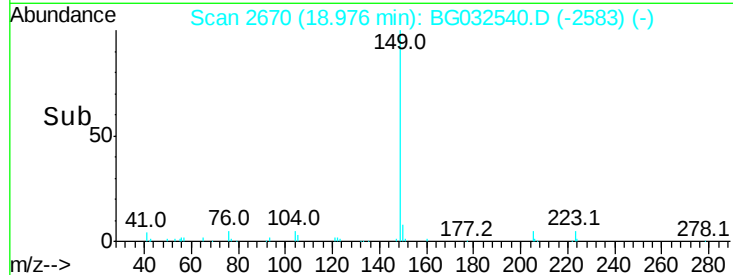
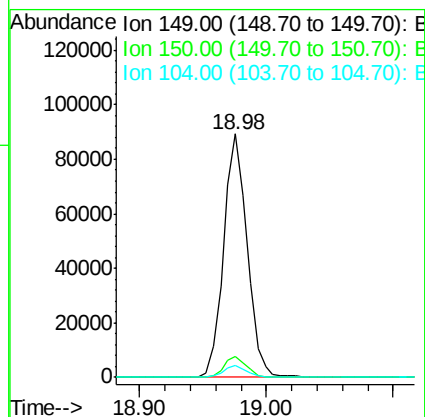
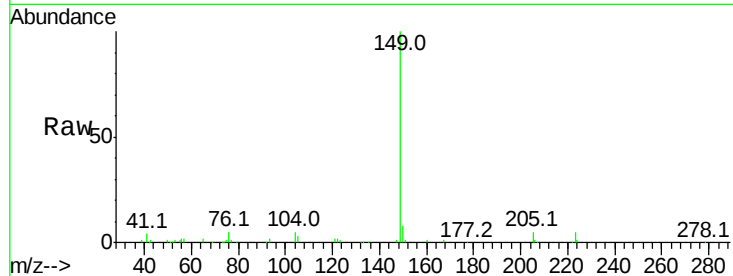




#73
Di-n-butylphthalate
Concen: 16.932 ng
RT: 18.98 min Scan# 2670
Delta R.T. -0.02 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

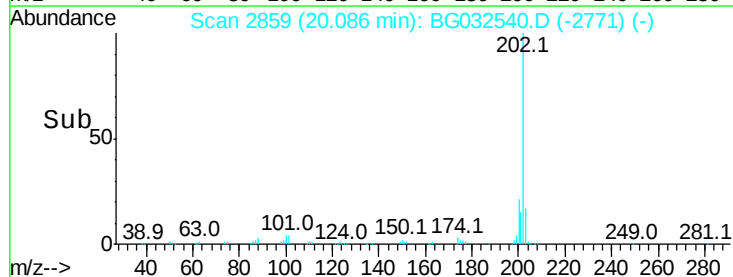
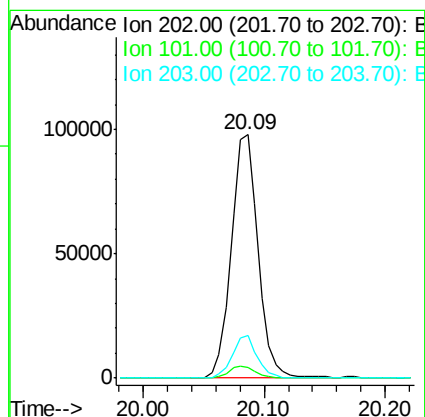
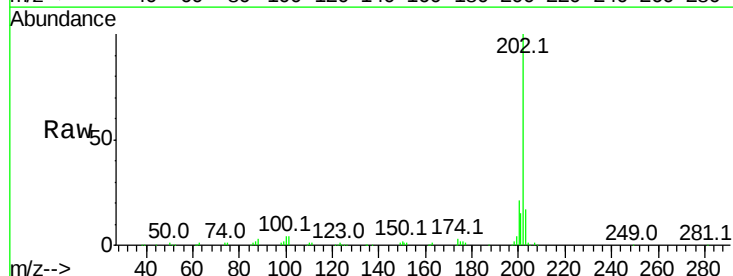
Instrument :
BNA_G
ClientSampleId :

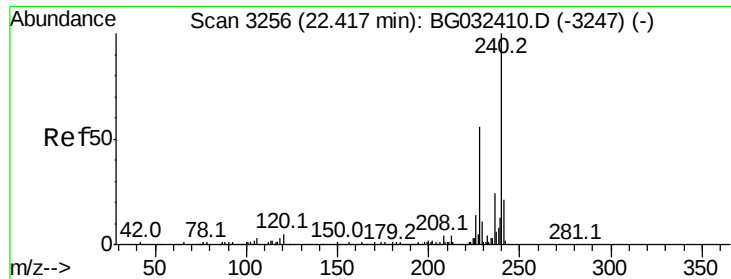
Tot Ion:149 Resp: 114580
Ion Ratio Lower Upper
149 100
150 8.3 7.8 11.6
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 16.594 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032540.D
Acq: 5 Feb 2018 19:02

Tgt Ion:202 Resp: 151189
Ion Ratio Lower Upper
202 100
101 4.3 0.0 28.9
203 17.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

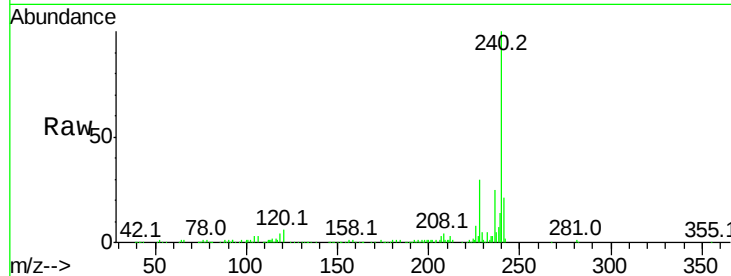
Tot Ion:240 Resp: 159000

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

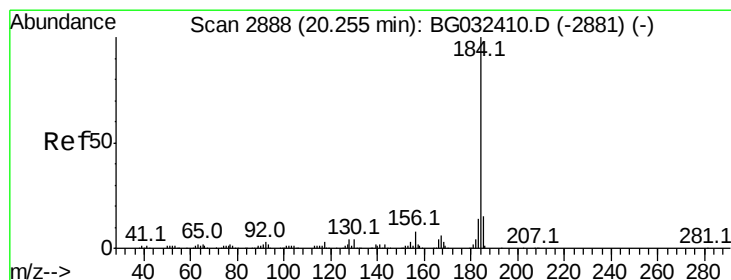
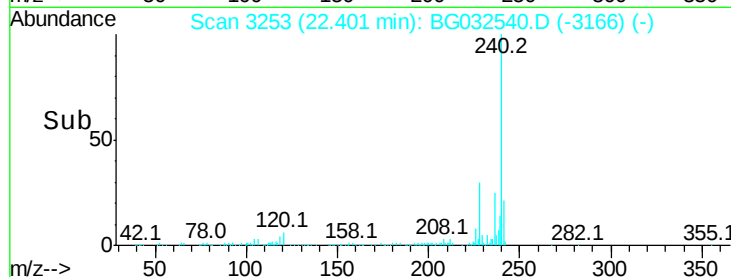
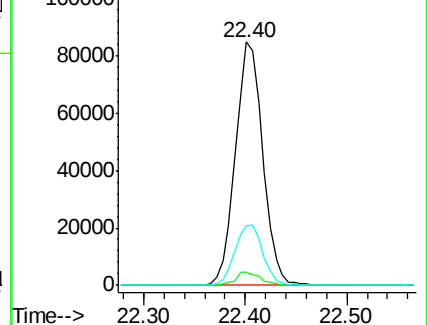
236 24.5 20.9 31.3



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: 7.813 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

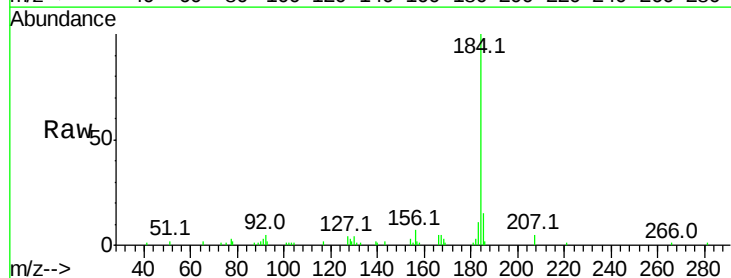
Tgt Ion:184 Resp: 24392

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

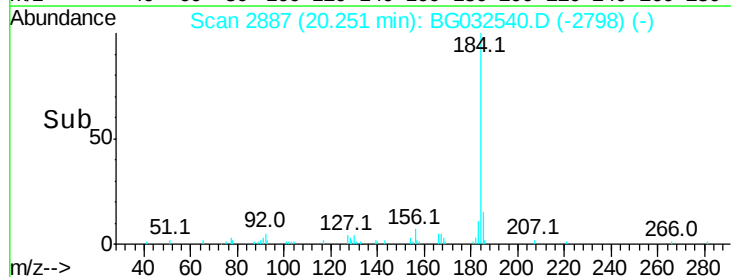
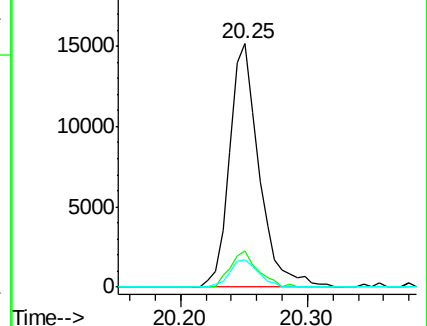
183 11.2 10.6 16.0

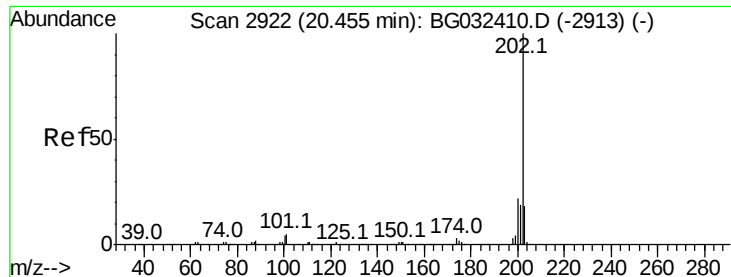


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

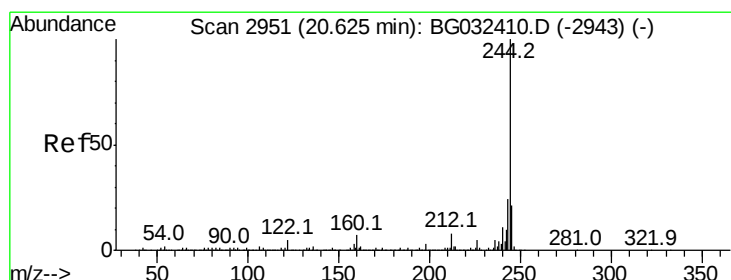
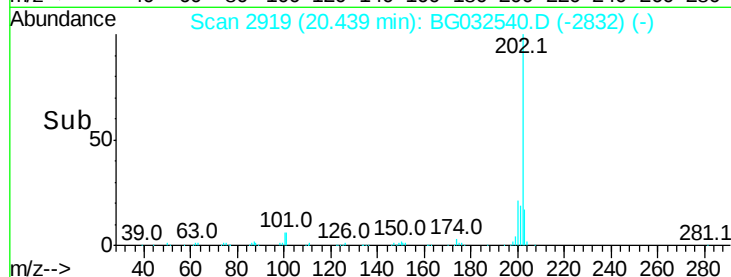
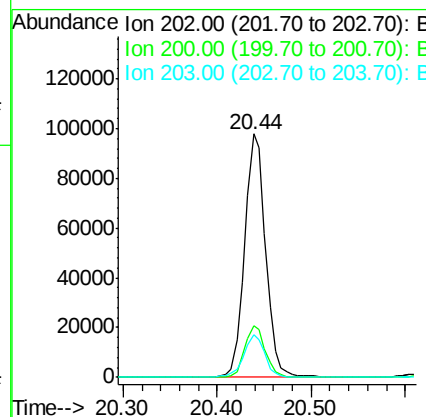
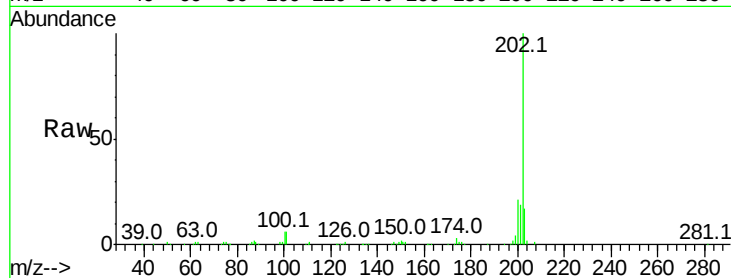




#77
 Pvrene
 Concen: 15.516 ng
 RT: 20.44 min Scan# 2919
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

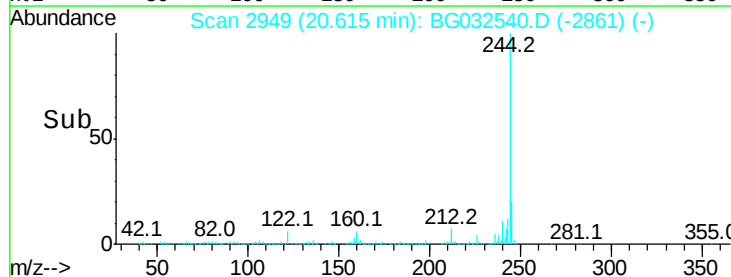
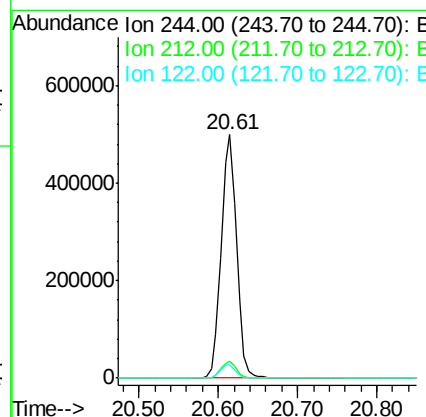
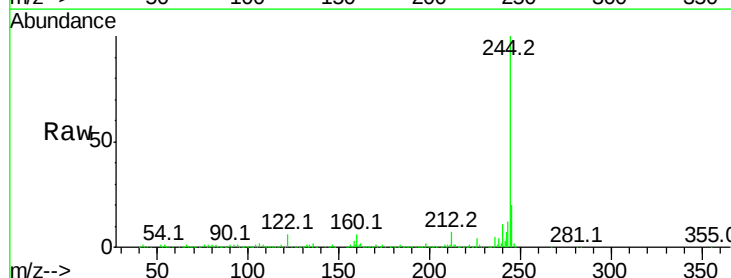
Instrument :
 BNA_G
 ClientSampleId :

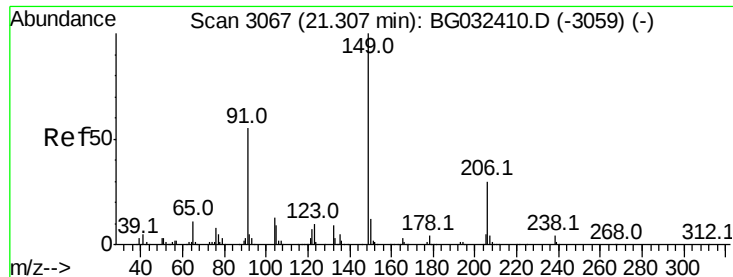
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.4	13.9	20.9



#78
 Terphenyl-d14
 Concen: 90.115 ng
 RT: 20.61 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	5.6	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 17.535 ng

RT: 21.30 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

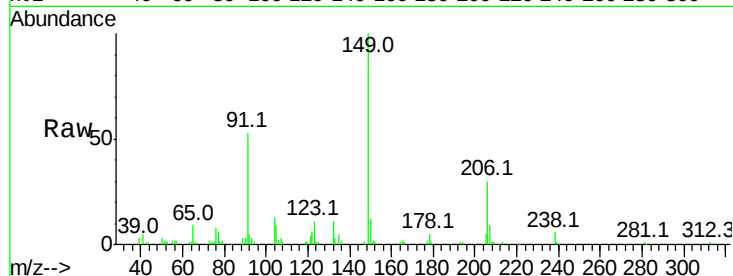
Tot Ion:149 Resp: 53937

Ion Ratio Lower Upper

149 100

91 53.2 62.2 93.2#

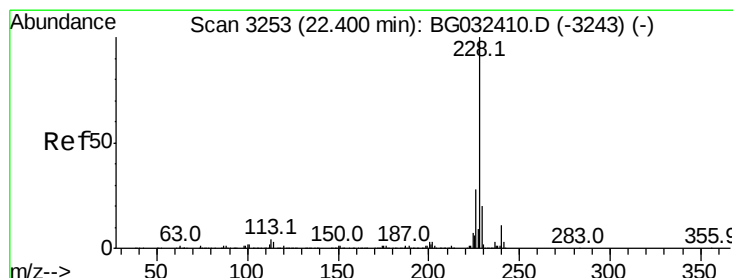
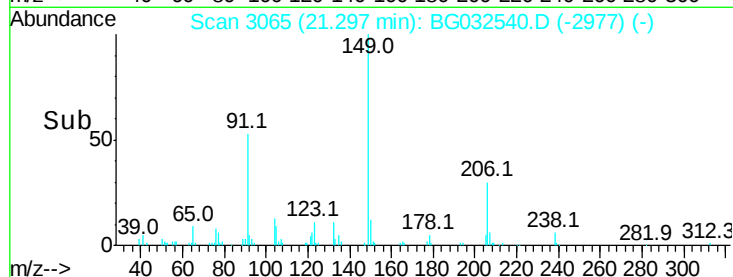
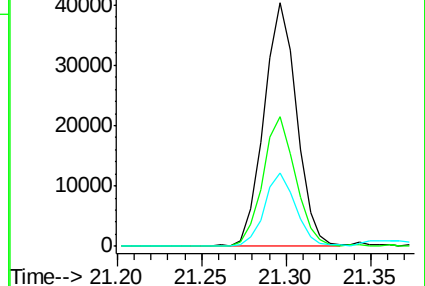
206 30.0 18.6 27.8#



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: 16.684 ng

RT: 22.38 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

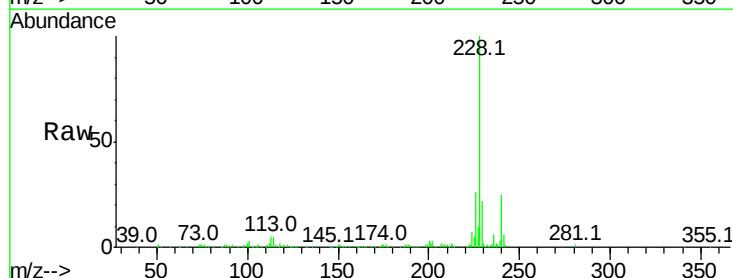
Tgt Ion:228 Resp: 164458

Ion Ratio Lower Upper

228 100

226 26.4 22.7 34.1

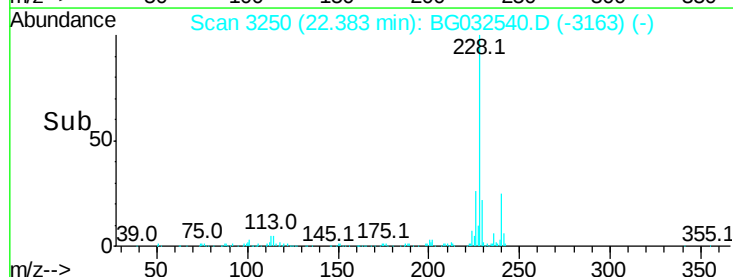
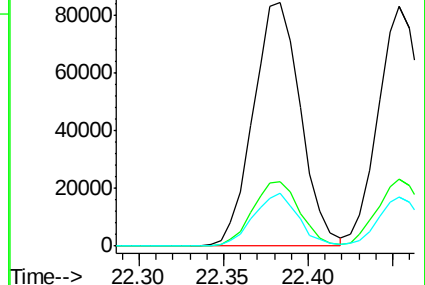
229 21.6 16.2 24.2

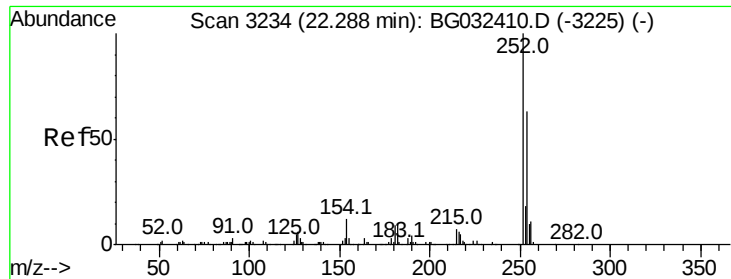


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

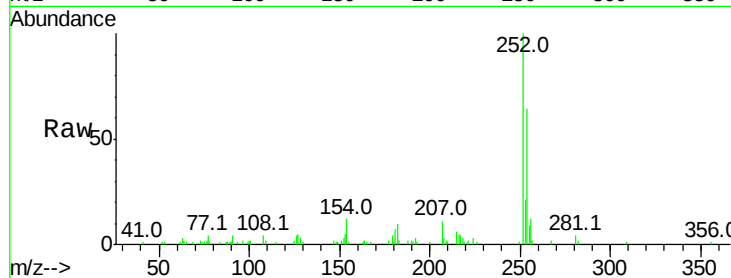




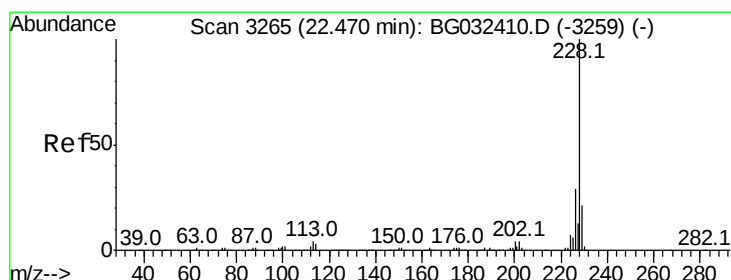
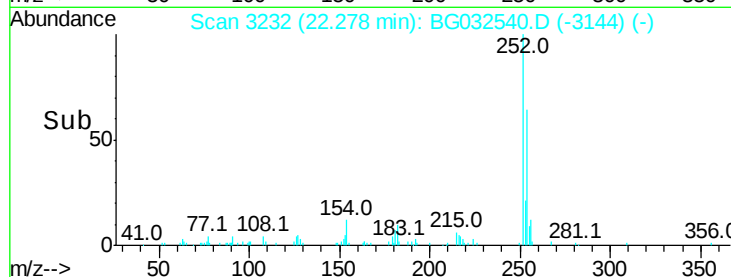
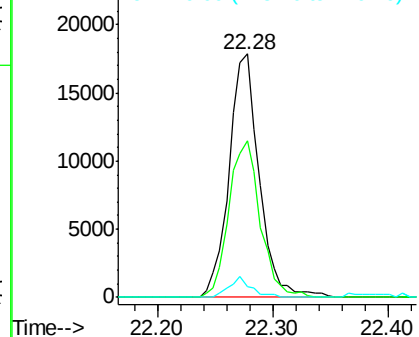
#81
 3,3'-Dichlorobenzidine
 Concen: 8.447 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Instrument :
 BNA_G
 ClientSampleId :

Tot	Ion:252	Resp:	32259
Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	4.1	7.4	11.2#

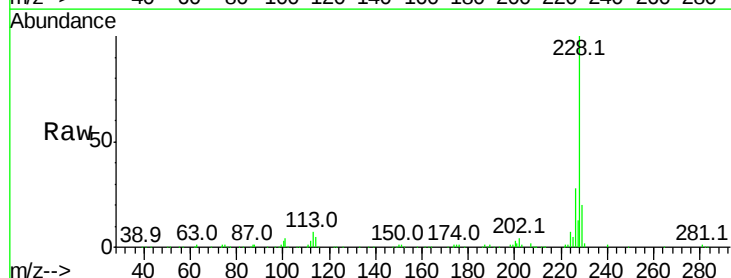


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

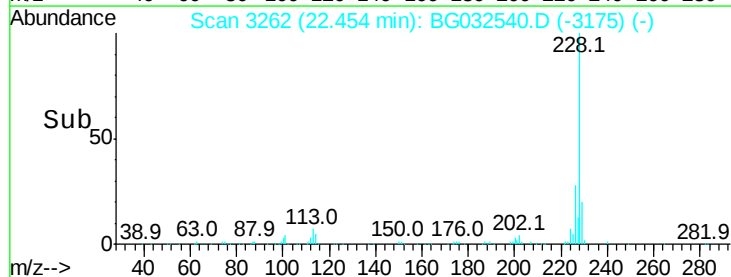
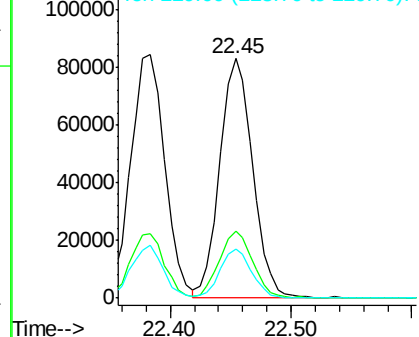


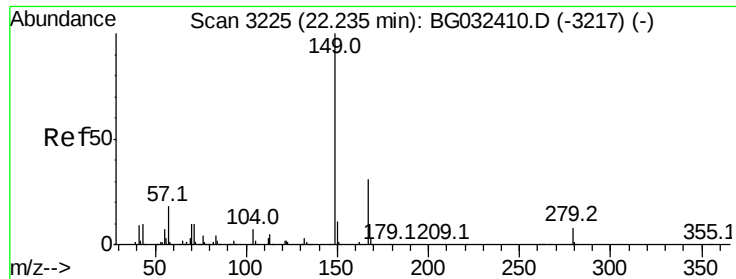
#82
 Chrysene
 Concen: 16.463 ng
 RT: 22.45 min Scan# 3262
 Delta R.T. -0.02 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion	228	Resp: Lower	156720 Upper
	Ratio		
228	100		
226	28.1	24.9	37.3
229	20.4	15.0	22.4



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

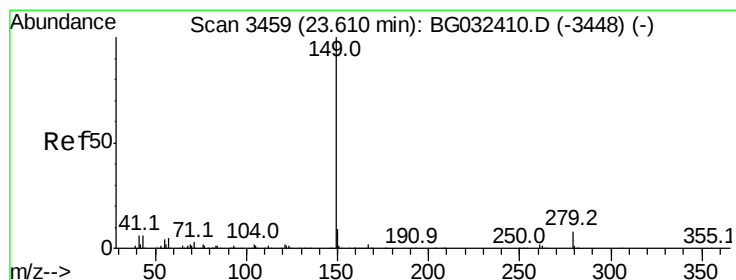
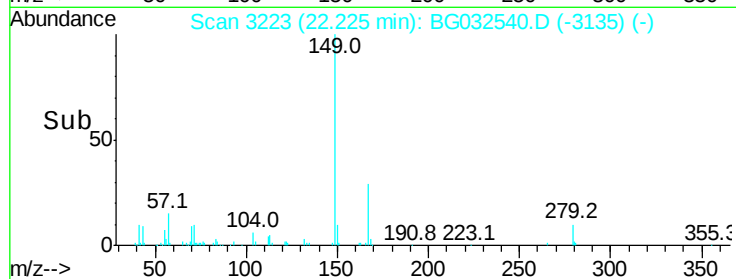
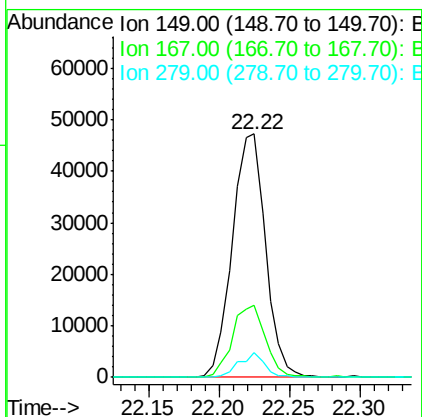
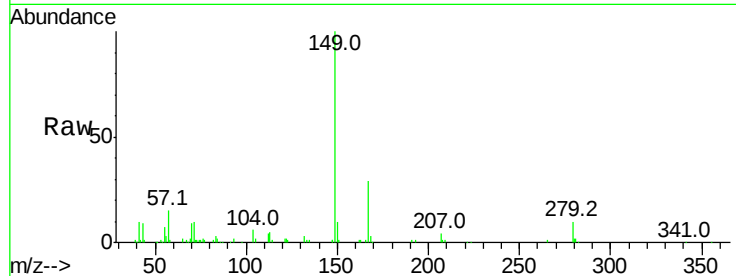




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 17.815 ng
 RT: 22.22 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

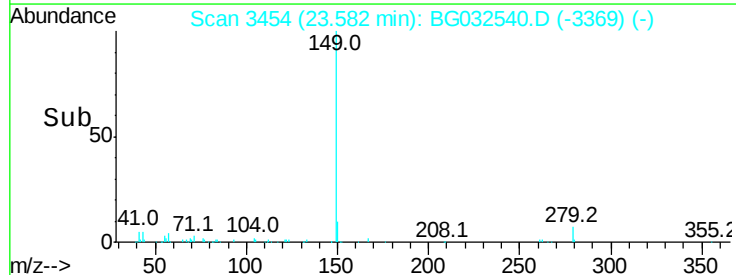
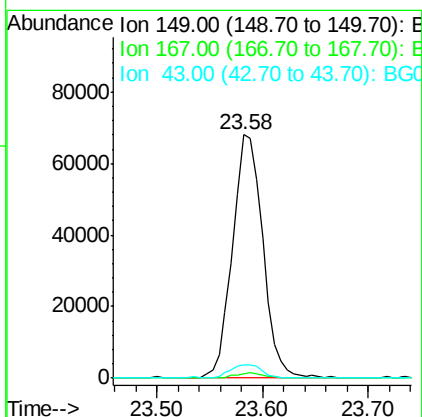
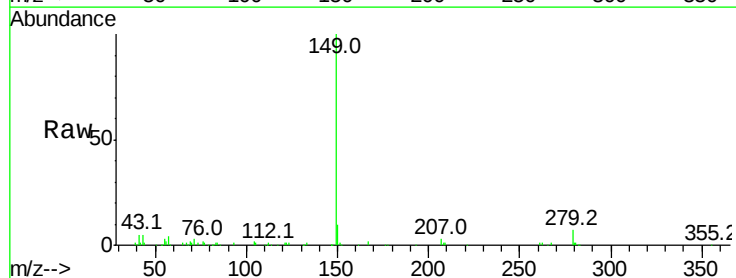
Instrument :
 BNA_G
 ClientSampleId :

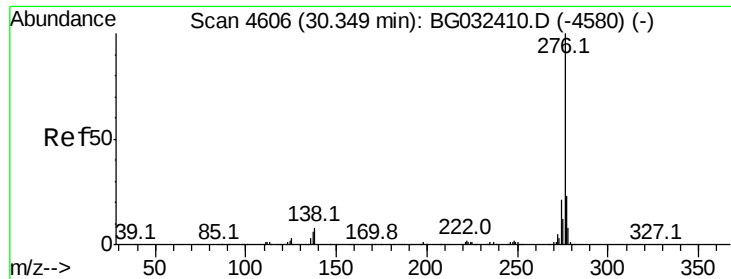
Tot Ion:149 Resp: 77702
 Ion Ratio Lower Upper
 149 100
 167 29.4 24.3 36.5
 279 10.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 19.538 ng
 RT: 23.58 min Scan# 3454
 Delta R.T. -0.03 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion:149 Resp: 135162
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0
 43 6.1 8.9 13.3#

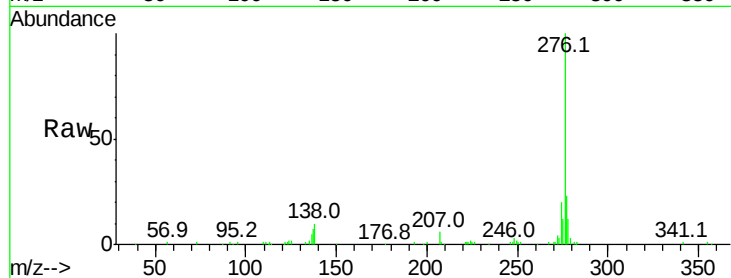




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.166 ng
 RT: 30.32 min Scan# 4601
 Delta R.T. -0.03 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#

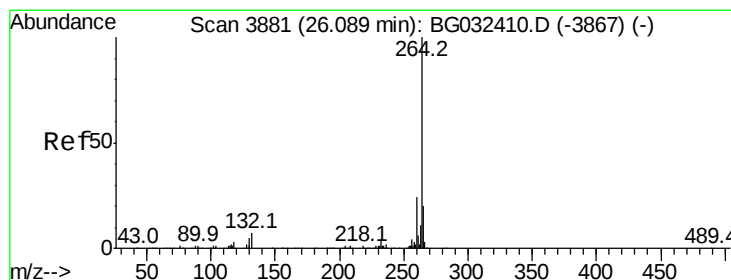
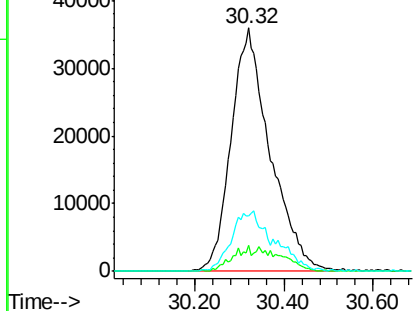
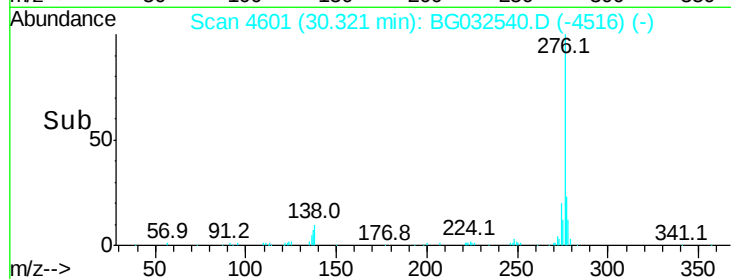


Abundance

Ion 276.00 (275.70 to 276.70): E

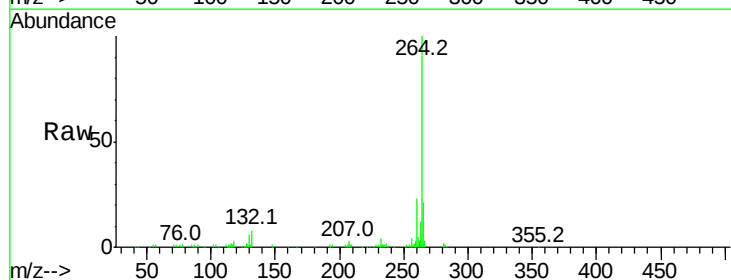
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032540.D
 Acq: 5 Feb 2018 19:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.3	17.7	26.5

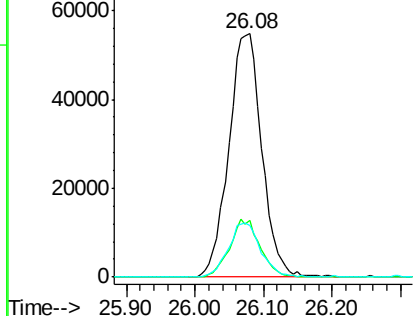
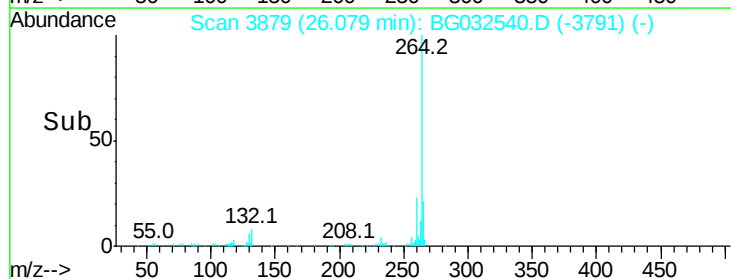


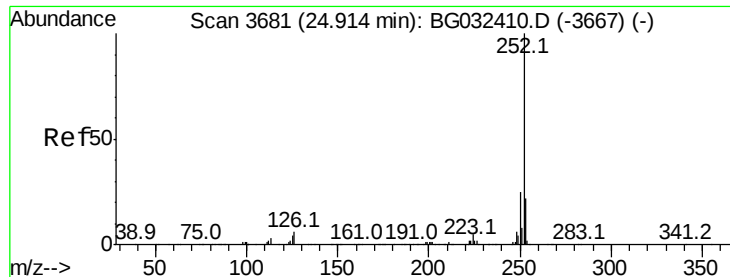
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 16.628 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

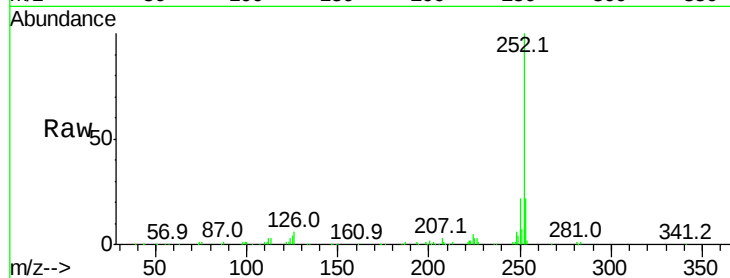
Tot Ion:252 Resp: 183530

Ion Ratio Lower Upper

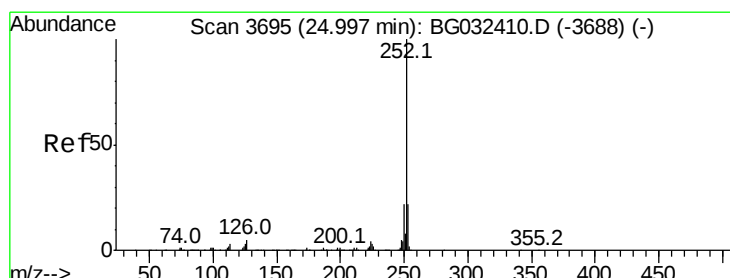
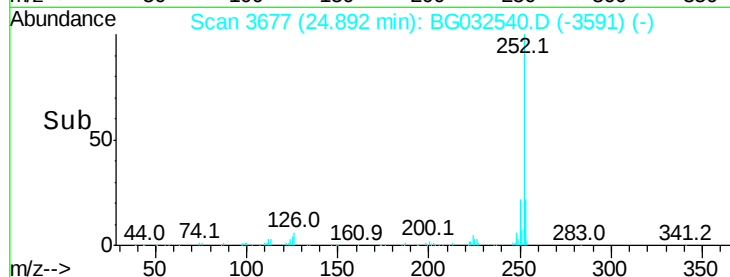
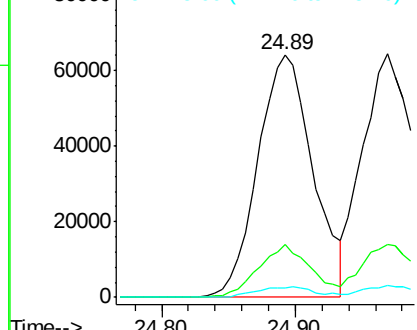
252 100

253 21.6 18.2 27.4

125 3.9 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 16.358 ng

RT: 24.97 min Scan# 3690

Delta R.T. -0.03 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

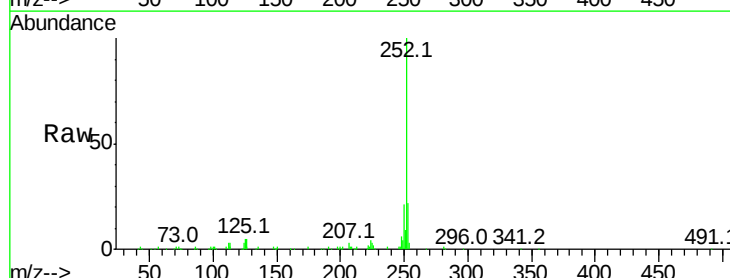
Tgt Ion:252 Resp: 178847

Ion Ratio Lower Upper

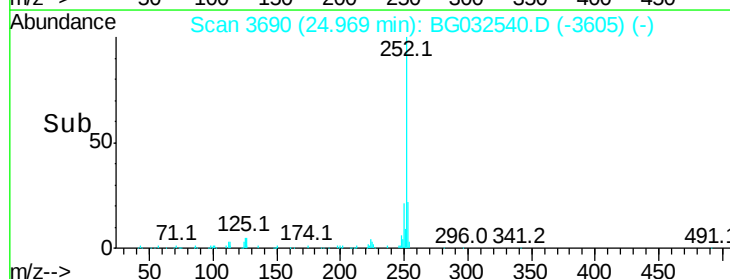
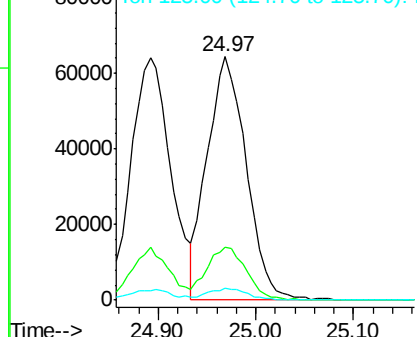
252 100

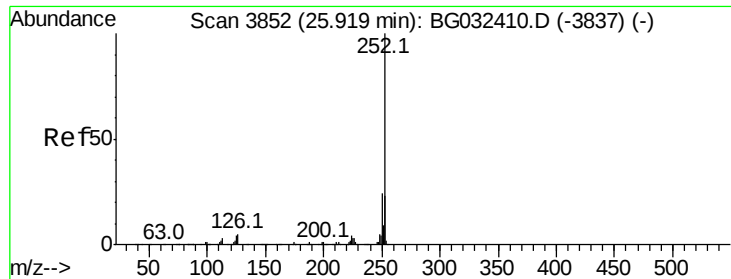
253 21.5 17.4 26.2

125 5.1 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 16.407 ng

RT: 25.90 min Scan# 3848

Delta R.T. -0.02 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

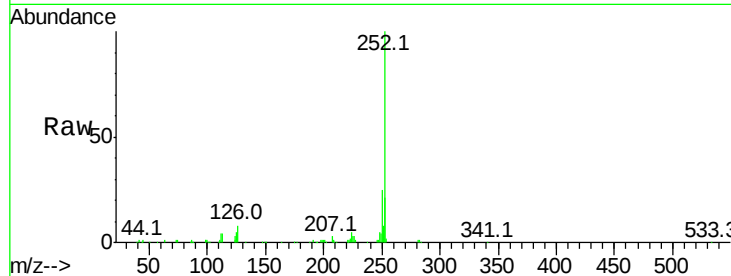
Tot Ion:252 Resp: 172639

Ion Ratio Lower Upper

252 100

253 21.5 18.3 27.5

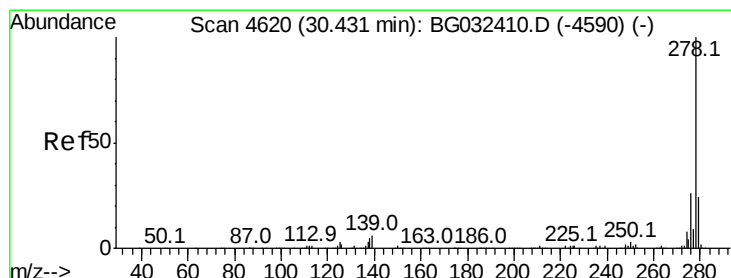
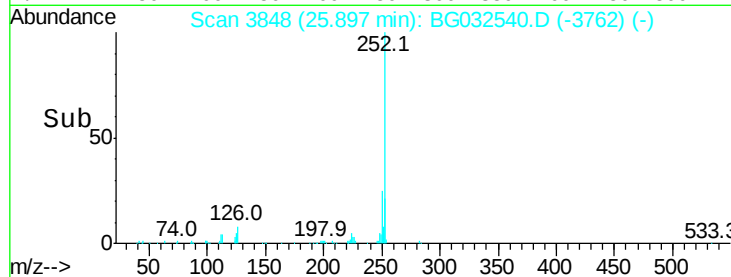
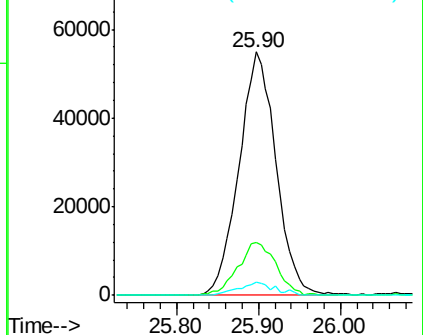
125 5.4 7.3 10.9#



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: 17.259 ng

RT: 30.38 min Scan# 4611

Delta R.T. -0.05 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

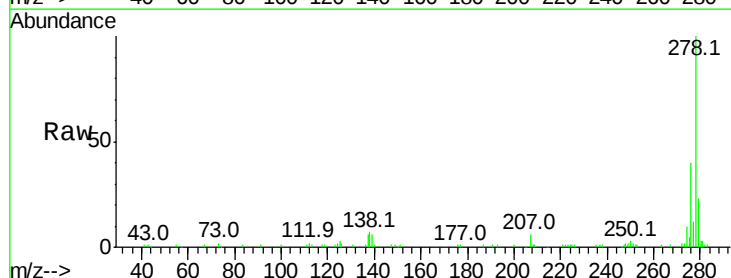
Tgt Ion:278 Resp: 185775

Ion Ratio Lower Upper

278 100

139 6.3 9.8 14.6#

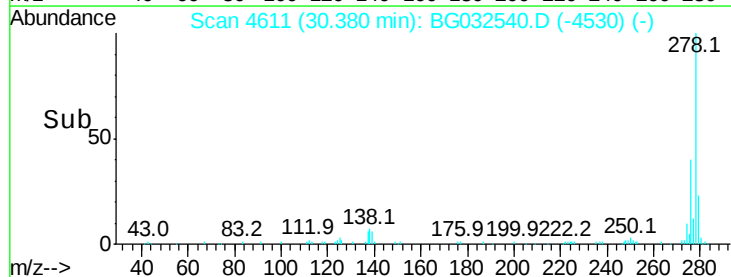
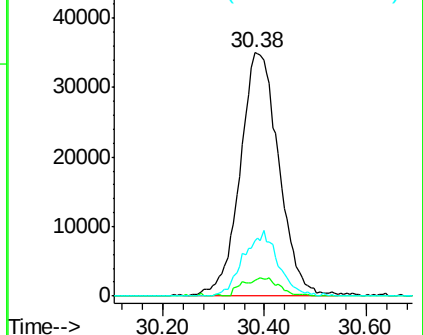
279 23.0 18.4 27.6

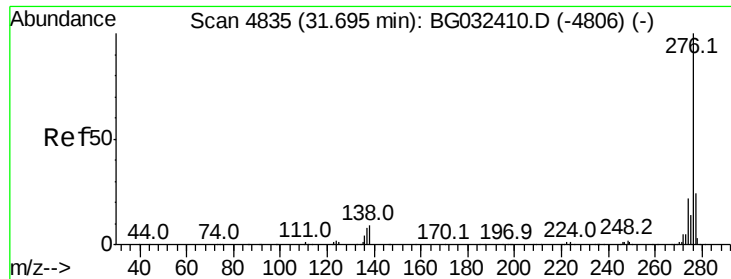


Abundance Ion 278.00 (277.70 to 278.70): E

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: 17.079 ng

RT: 31.65 min Scan# 4827

Delta R.T. -0.05 min

Lab File: BG032540.D

Acq: 5 Feb 2018 19:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 182478

Ion Ratio Lower Upper

276 100

277 25.8 18.3 27.5

138 11.5 13.9 20.9#

