

Data Path : U:\HPCHEM1\BNA G\DATA\BG013018\
 Data File : BG032449.D
 Acq On : 30 Jan 2018 19:44
 Operator : SJ/JU
 Sample : PB106183BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 00:45:08 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	29204	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	110506	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	77666	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	208695	20.00	ng	0.00
75) Chrysene-d12	22.41	240	261901	20.00	ng	0.00
86) Perylene-d12	26.08	264	287778	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	218490	150.27	ng	0.00
7) Phenol-d6	7.84	99	268832	138.56	ng	0.01
23) Nitrobenzene-d5	9.91	82	163176	92.23	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	221360	149.73	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	601661	92.08	ng	-0.01
78) Terphenyl-d14	20.62	244	1190729	97.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	19784	40.442	ng	# 76
3) Pyridine	4.26	79	55040	41.668	ng	# 81
4) n-Nitrosodimethylamine	4.17	42	33428	48.614	ng	# 67
6) Aniline	8.01	93	37500	15.502	ng	97
8) 2-Chlorophenol	8.26	128	86119	50.107	ng	84
9) Benzaldehyde	7.82	77	28243	28.184	ng	88
10) Phenol	7.87	94	88555	48.062	ng	86
11) bis(2-Chloroethyl)ether	8.10	93	59851	42.632	ng	# 84
12) 1,3-Dichlorobenzene	8.60	146	100466	43.224	ng	92
13) 1,4-Dichlorobenzene	8.75	146	104765	44.971	ng	92
14) 1,2-Dichlorobenzene	9.08	146	98879	43.328	ng	95
15) Benzyl Alcohol	8.95	79	70928	44.356	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	9.24	45	56191	42.239	ng	78
17) 2-Methylphenol	9.16	107	61333	40.985	ng	93
18) Hexachloroethane	9.83	117	33963	43.422	ng	# 85
19) n-Nitroso-di-n-propylamine	9.53	70	51569	40.086	ng	# 89
20) 3+4-Methylphenols	9.50	107	91408	43.547	ng	95
22) Acetophenone	9.55	105	112537	43.444	ng	# 91
24) Nitrobenzene	9.95	77	81523	47.652	ng	# 83
25) Isophorone	10.48	82	142526	47.312	ng	# 84
26) 2-Nitrophenol	10.68	139	50671	48.997	ng	# 80
27) 2,4-Dimethylphenol	10.72	122	82419	55.525	ng	92
28) bis(2-Chloroethoxy)methane	10.96	93	85186	51.567	ng	# 91
29) 2,4-Dichlorophenol	11.22	162	102791	52.275	ng	92
30) 1,2,4-Trichlorobenzene	11.45	180	118646	45.271	ng	100
31) Naphthalene	11.64	128	252437	46.772	ng	99
32) Benzoic acid	10.85	122	36454	35.209	ng	# 86
33) 4-Chloroaniline	11.74	127	29752	12.359	ng	93
34) Hexachlorobutadiene	11.91	225	90387	44.328	ng	96
35) Caprolactam	12.50	113	29759	52.718	ng	# 49
36) 4-Chloro-3-methylphenol	12.83	107	96896	51.950	ng	# 86
37) 2-Methylnaphthalene	13.21	142	209984	46.310	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	160748	44.241	ng	98
40) Hexachlorocyclopentadiene	13.54	237	226520	99.779	ng	92

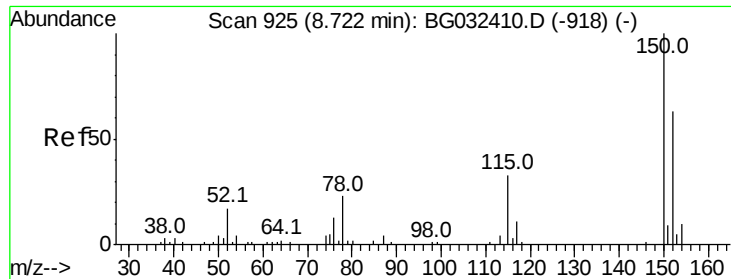
Data Path : U:\HPCHEM1\BNA G\DATA\BG013018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	102309	51.766	ng	98
43) 2,4,5-Trichlorophenol	13.87	196	111777	48.516	ng #	89
45) 1,1'-Biphenyl	14.18	154	303375	46.235	ng	96
46) 2-Chloronaphthalene	14.24	162	232678	45.243	ng	97
47) 2-Nitroaniline	14.43	65	52018	45.738	ng #	78
48) Acenaphthylene	15.08	152	357079	45.928	ng	97
49) Dimethylphthalate	14.78	163	330206	46.111	ng	99
50) 2,6-Dinitrotoluene	14.91	165	72151	48.003	ng #	81
51) Acenaphthene	15.41	154	277855	51.531	ng	97
52) 3-Nitroaniline	15.24	138	25942	19.760	ng #	64
53) 2,4-Dinitrophenol	15.45	184	81689	86.706	ng #	52
54) Dibenzofuran	15.74	168	380822	47.718	ng	97
55) 4-Nitrophenol	15.54	139	99101	100.829	ng #	76
56) 2,4-Dinitrotoluene	15.69	165	106711	49.864	ng #	66
57) Fluorene	16.39	166	308900	46.579	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	121188	53.332	ng #	85
59) Diethylphthalate	16.12	149	322609	46.255	ng	95
60) 4-Chlorophenyl-phenylether	16.36	204	197364	47.195	ng	95
61) 4-Nitroaniline	16.40	138	56663	40.268	ng #	78
62) Azobenzene	16.66	77	196869	47.233	ng #	80
64) 4,6-Dinitro-2-methylphenol	16.45	198	65172	41.801	ng #	73
65) n-Nitrosodiphenylamine	16.58	169	290931	46.712	ng	97
66) 4-Bromophenyl-phenylether	17.25	248	145612	47.096	ng	99
67) Hexachlorobenzene	17.38	284	154921	45.278	ng #	90
68) Atrazine	17.50	200	133299	49.857	ng	94
69) Pentachlorophenol	17.72	266	178993	83.509	ng	96
70) Phenanthrene	18.12	178	530792	45.607	ng	98
71) Anthracene	18.21	178	549954	47.457	ng	98
72) Carbazole	18.47	167	471388	46.039	ng	98
73) Di-n-butylphthalate	18.98	149	544924	48.069	ng	99
74) Fluoranthene	20.09	202	718393	47.068	ng	95
76) Benzidine	20.25	184	202371	39.351	ng	100
77) Pyrene	20.45	202	716679	44.615	ng	99
79) Butylbenzylphthalate	21.30	149	248374	49.020	ng #	79
80) Benzo(a)anthracene	22.39	228	769982	47.423	ng	98
81) 3,3'-Dichlorobenzidine	22.28	252	121540	19.321	ng #	95
82) Chrysene	22.46	228	713640	45.513	ng	97
83) Bis(2-ethylhexyl)phthalate	22.23	149	352247	49.031	ng #	98
84) Di-n-octyl phthalate	23.59	149	612420	53.745	ng #	88
85) Indeno(1,2,3-cd)pyrene	30.34	276	984883	49.652	ng #	86
87) Benzo(b)fluoranthene	24.91	252	815104	46.877	ng #	95
88) Benzo(k)fluoranthene	24.98	252	801595	46.536	ng #	94
89) Benzo(a)pyrene	25.91	252	805898	48.615	ng #	95
90) Dibenzo(a,h)anthracene	30.42	278	822411	48.497	ng #	94
91) Benzo(g,h,i)perylene	31.69	276	823912	48.949	ng #	91

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

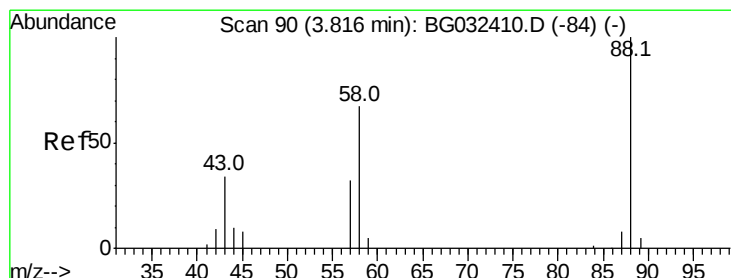
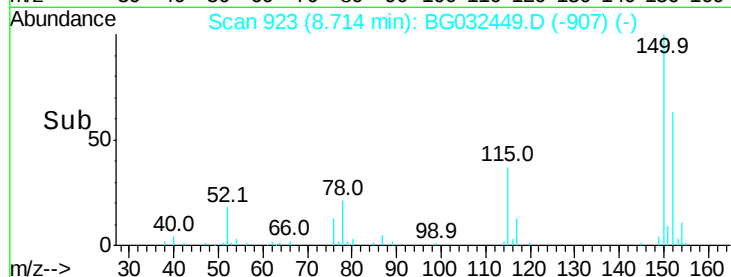
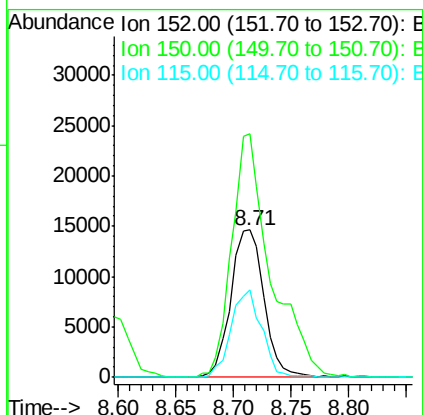
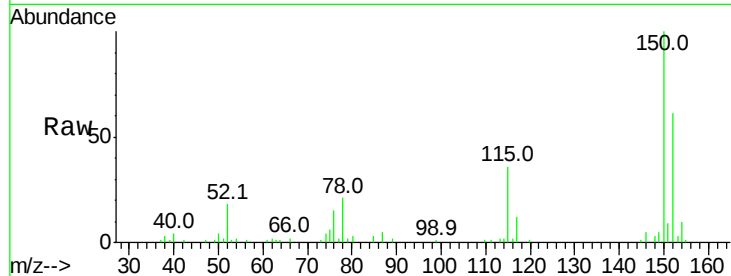


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :

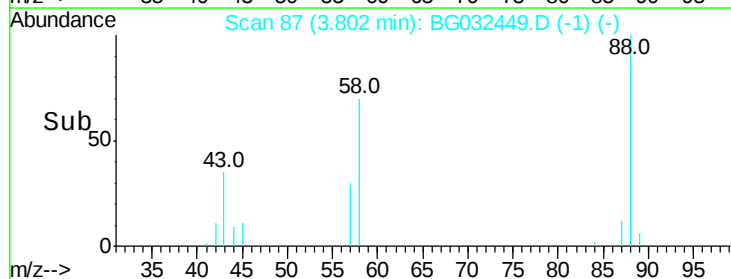
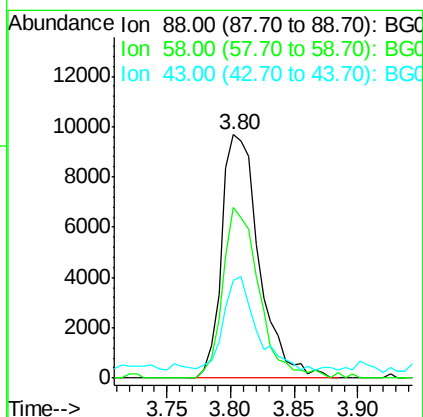
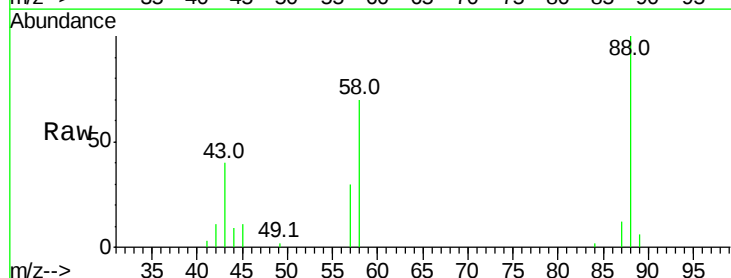
Tot Ion:152 Resp: 29204
Ion Ratio Lower Upper
152 100
150 165.2 126.6 189.8
115 59.2 53.0 79.4

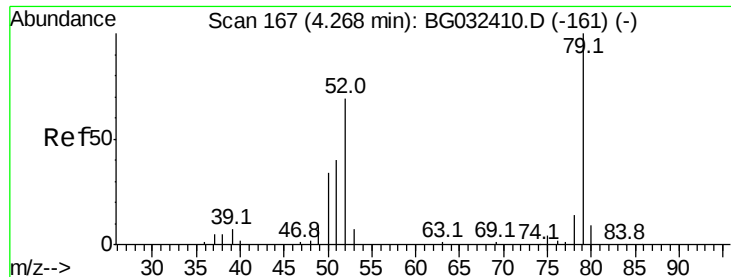


#2

1,4-Dioxane
Concen: 40.442 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion: 88 Resp: 19784
Ion Ratio Lower Upper
88 100
58 67.7 79.6 119.4#
43 34.7 27.4 41.0





#3

Pvridine

Concen: 41.668 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

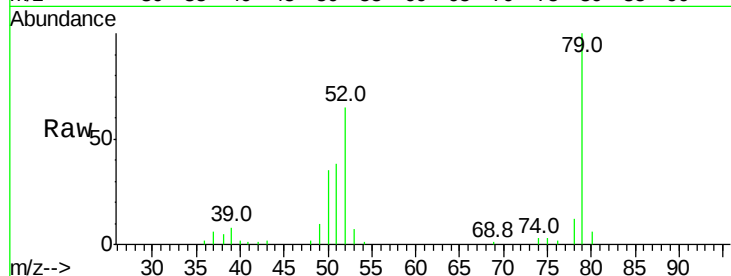
Instrument :

BNA_G

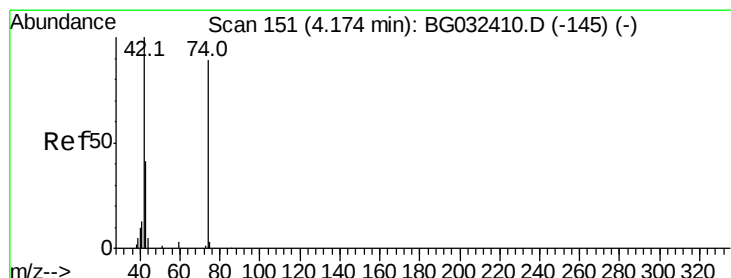
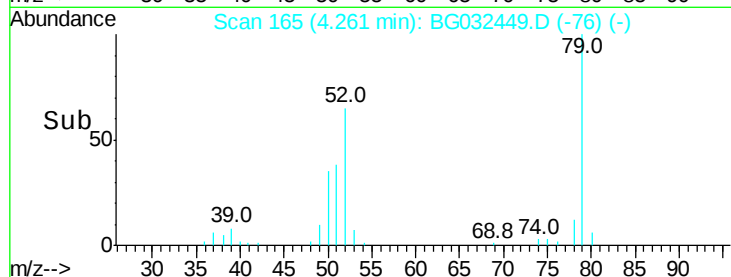
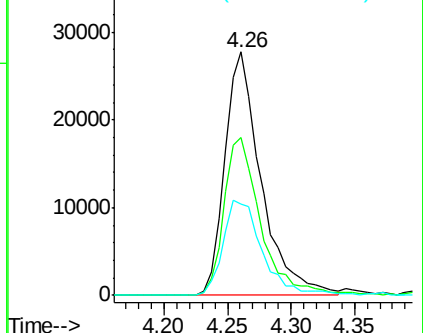
ClientSampleId :

Tot Ion: 79 Resp: 55040

Ion	Ratio	Lower	Upper
79	100		
52	64.7	69.9	104.9#
51	37.7	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: 48.614 ng

RT: 4.17 min Scan# 149

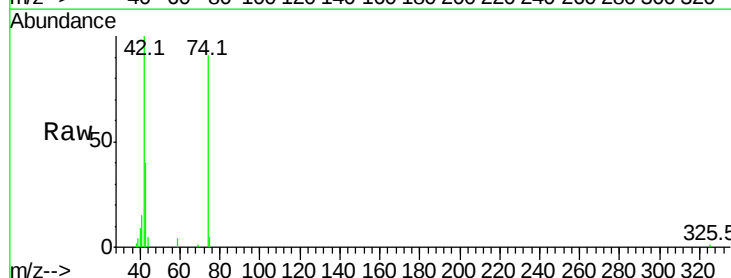
Delta R.T. -0.01 min

Lab File: BG032449.D

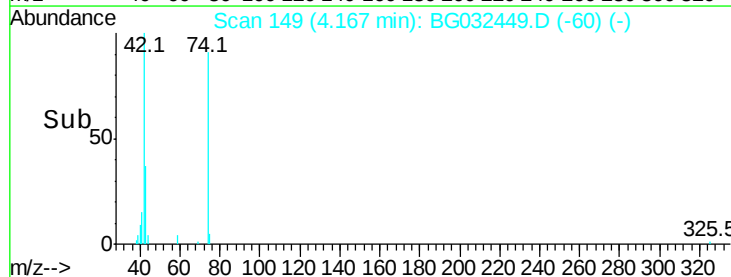
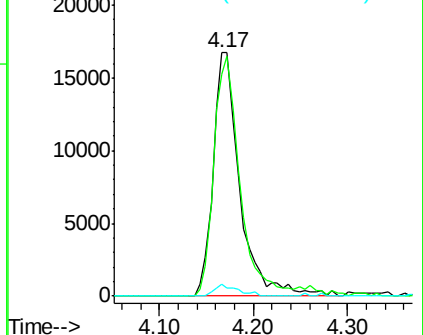
Acq: 30 Jan 2018 19:44

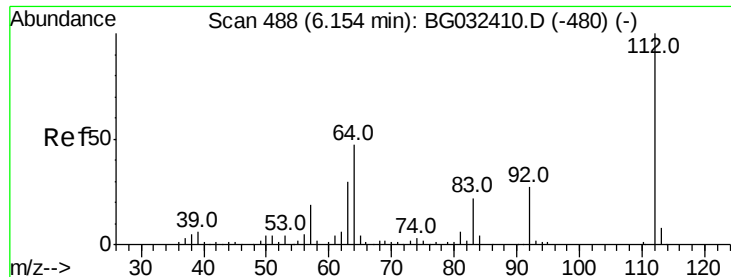
Tgt Ion: 42 Resp: 33428

Ion	Ratio	Lower	Upper
42	100		
74	91.2	102.5	153.7#
44	4.7	18.9	28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 150.270 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampled :

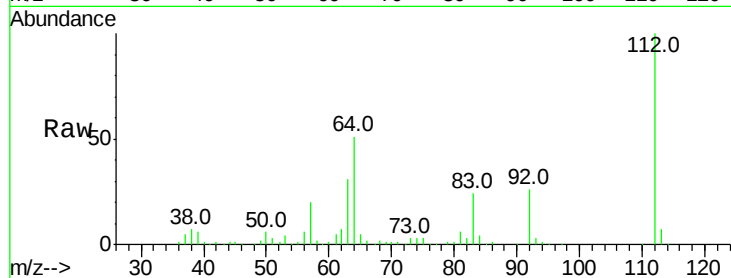
Tot Ion:112 Resp: 218490

Ion Ratio Lower Upper

112 100

64 50.7 56.3 84.5#

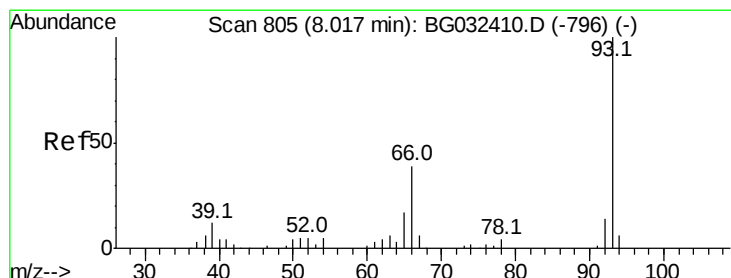
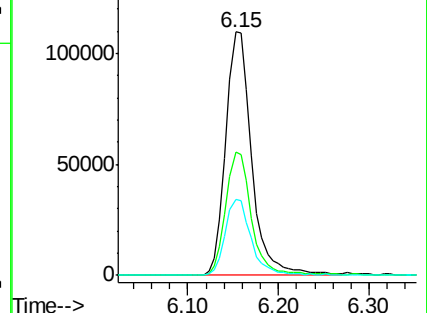
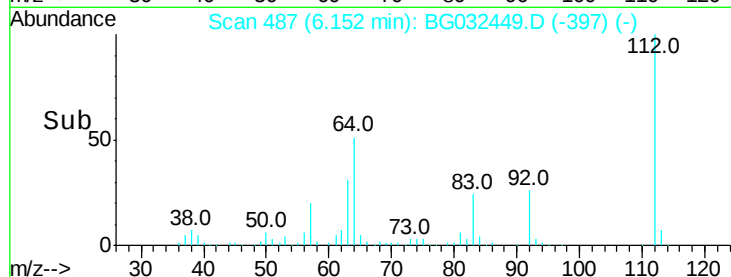
63 31.5 30.1 45.1



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: 15.502 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

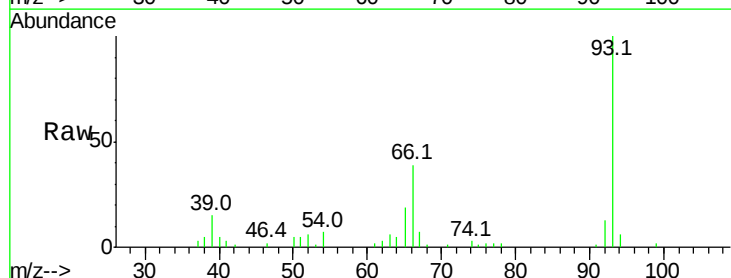
Tgt Ion: 93 Resp: 37500

Ion Ratio Lower Upper

93 100

66 39.5 33.7 50.5

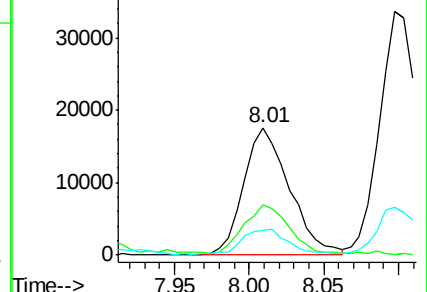
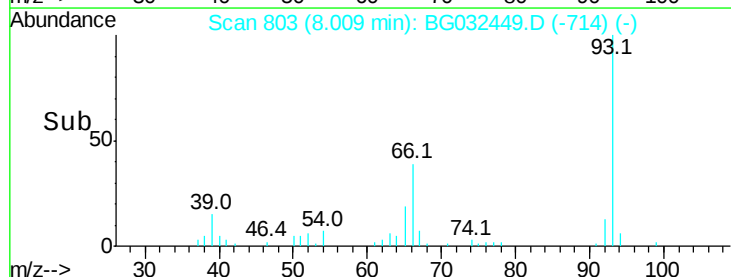
65 19.3 16.1 24.1

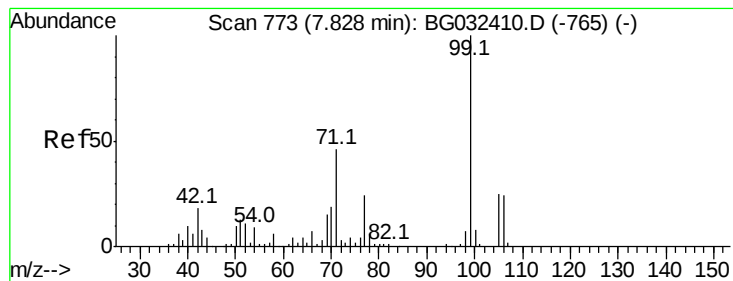


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.558 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

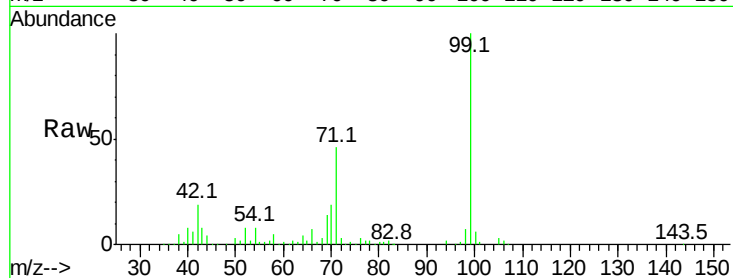
Tot Ion: 99 Resp: 268832

Ion Ratio Lower Upper

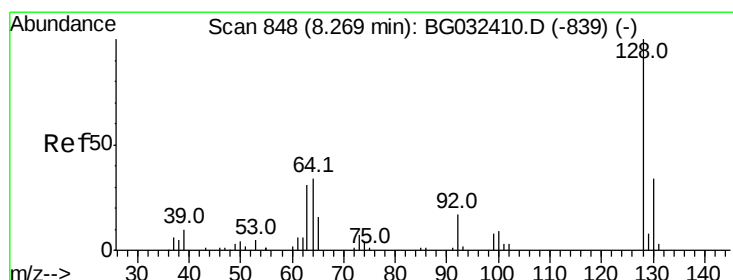
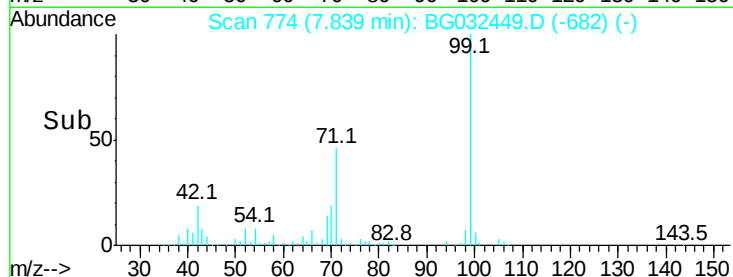
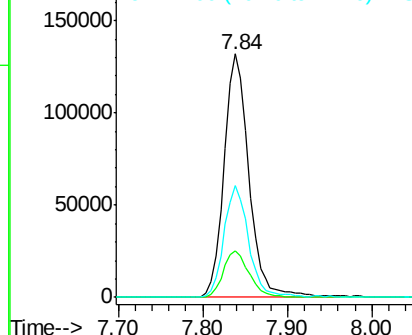
99 100

42 19.3 14.1 21.1

71 45.8 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: 50.107 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

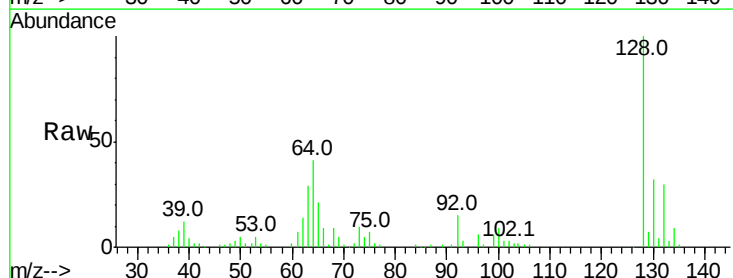
Tgt Ion:128 Resp: 86119

Ion Ratio Lower Upper

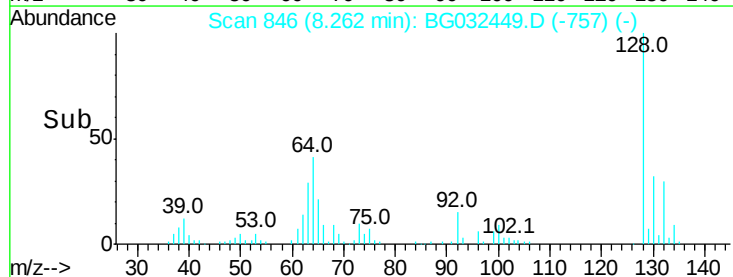
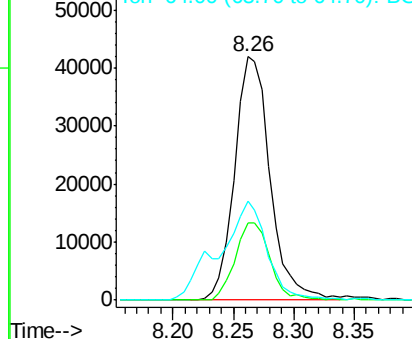
128 100

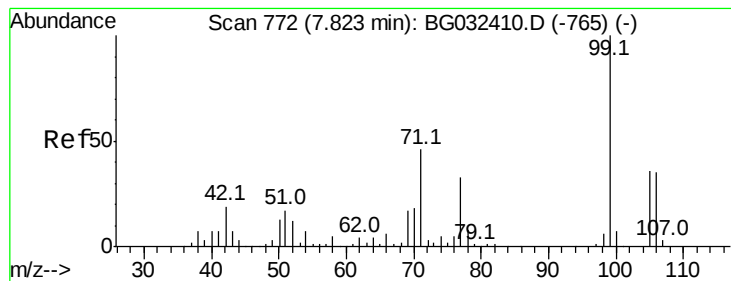
130 31.8 14.0 54.0

64 40.6 37.7 77.7



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





#9

Benzaldehyde

Concen: 28.184 ng

RT: 7.82 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampled :

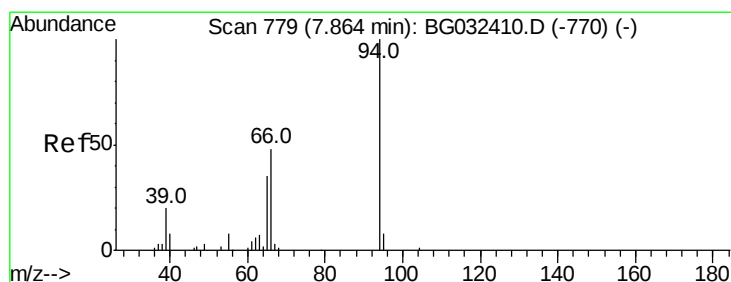
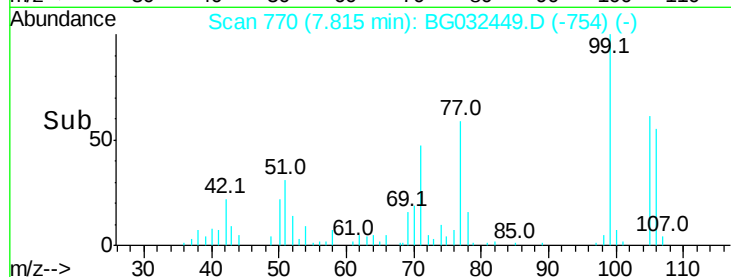
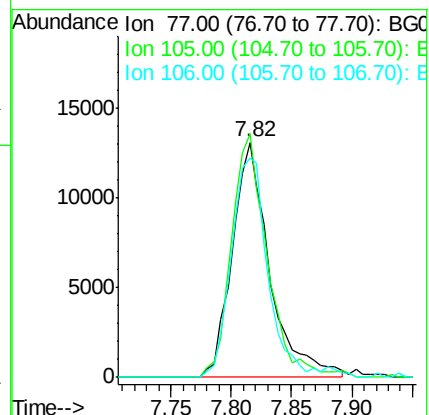
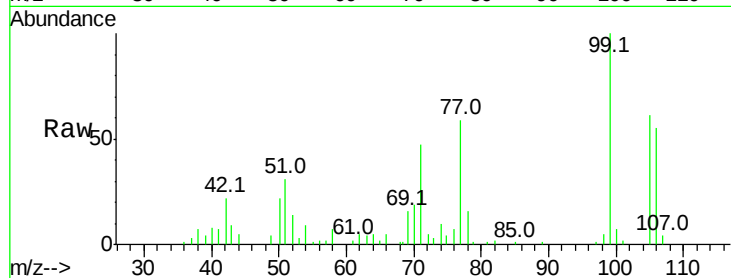
Tot Ion: 77 Resp: 28243

Ion Ratio Lower Upper

77 100

105 103.7 71.3 111.3

106 93.4 64.2 104.2



#10

Phenol

Concen: 48.062 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

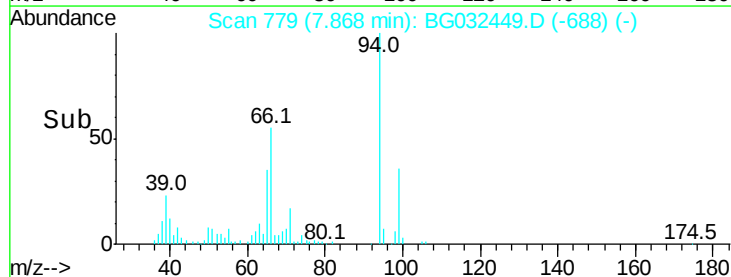
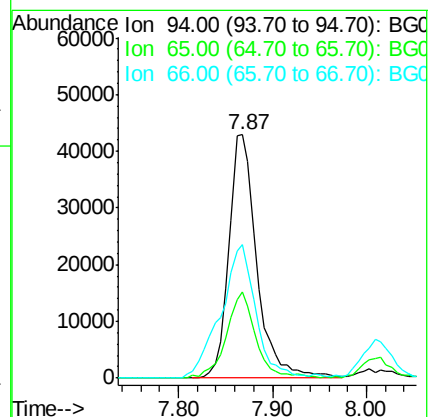
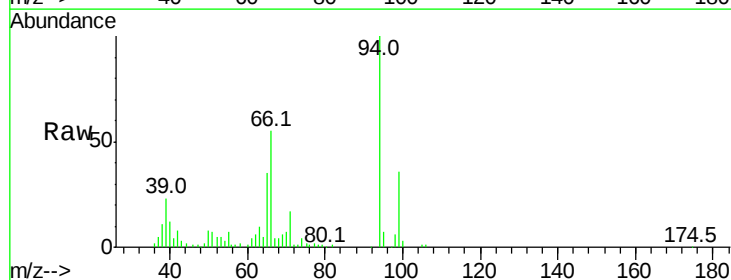
Tgt Ion: 94 Resp: 88555

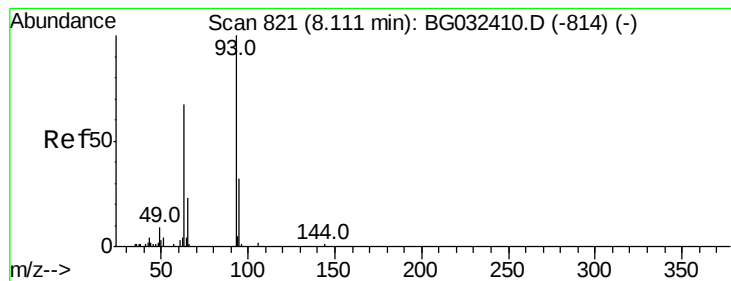
Ion Ratio Lower Upper

94 100

65 35.2 11.9 51.9

66 55.1 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 42.632 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

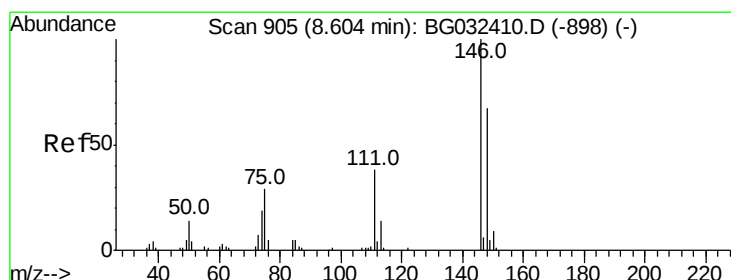
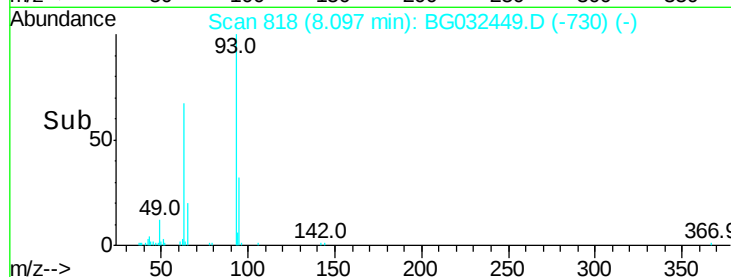
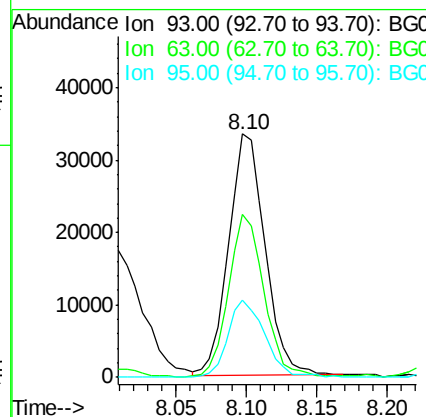
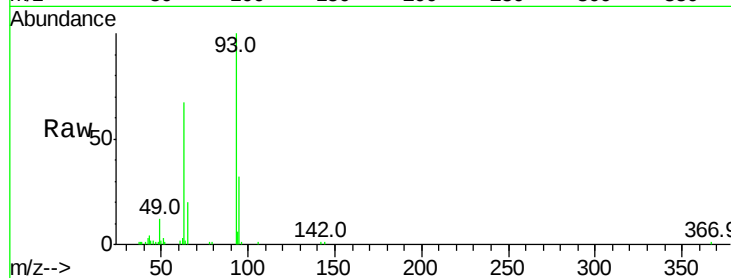
Tot Ion: 93 Resp: 59851

Ion Ratio Lower Upper

93 100

63 66.9 67.1 107.1#

95 31.8 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 43.224 ng

RT: 8.60 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

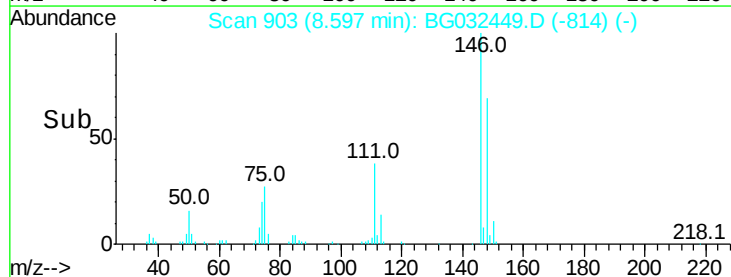
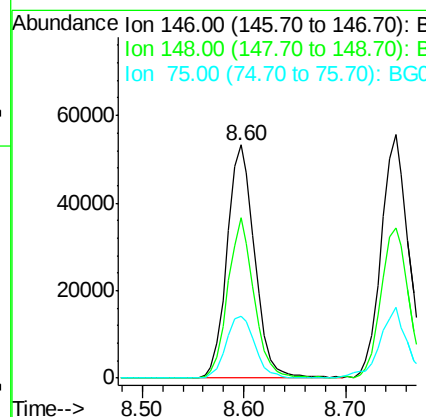
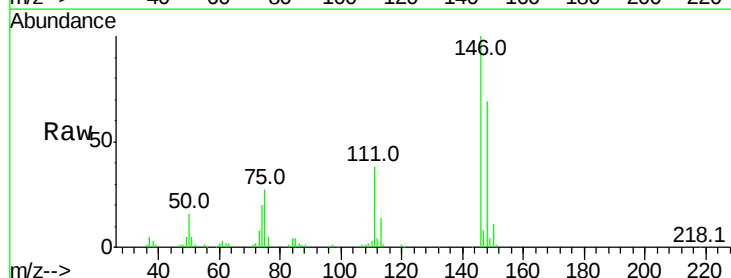
Tgt Ion: 146 Resp: 100466

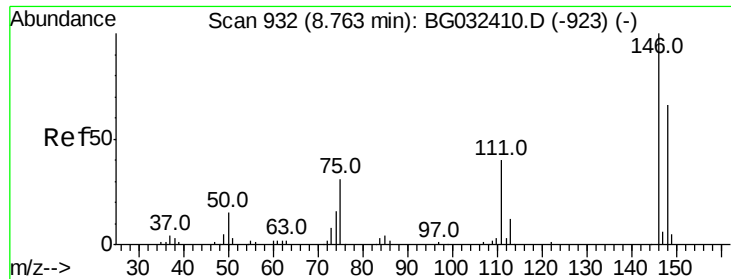
Ion Ratio Lower Upper

146 100

148 68.7 51.4 77.2

75 26.7 26.6 39.8

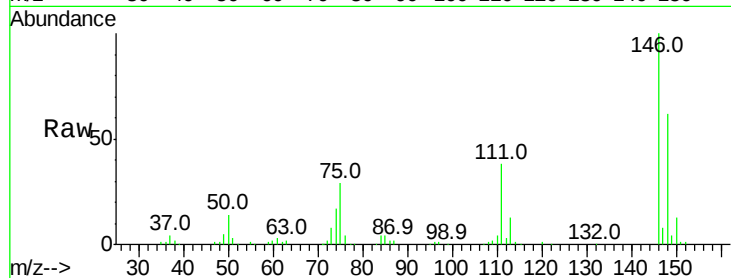




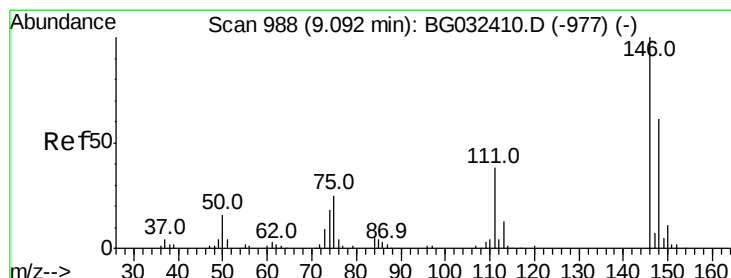
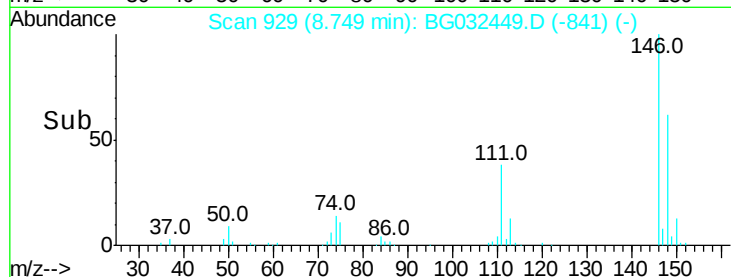
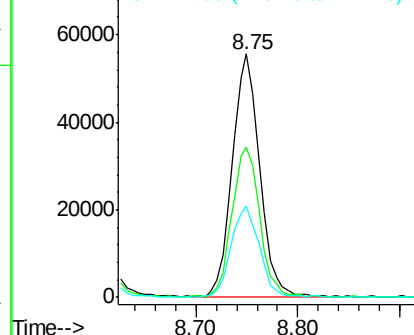
#13
 1,4-Dichlorobenzene
 Concen: 44.971 ng
 RT: 8.75 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 104765
 Ion Ratio Lower Upper
 146 100
 148 61.8 53.7 80.5
 111 37.6 35.2 52.8

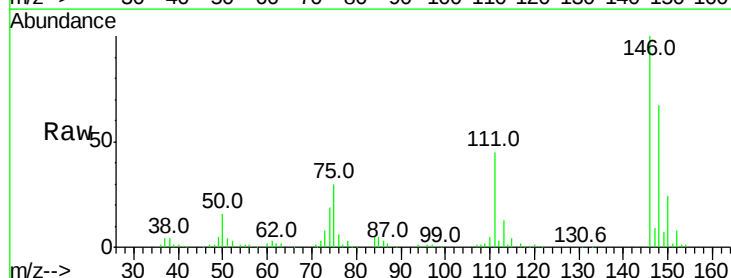


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

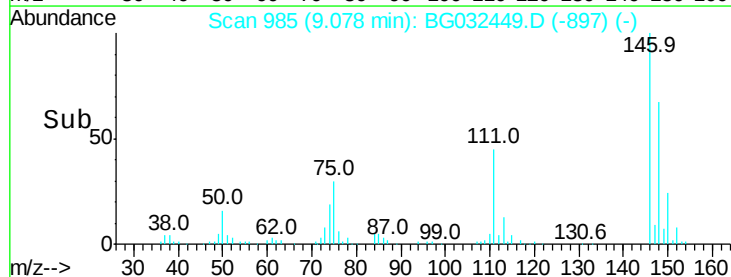
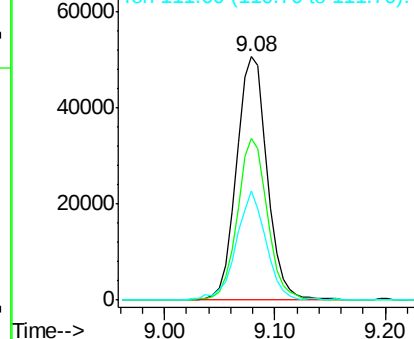


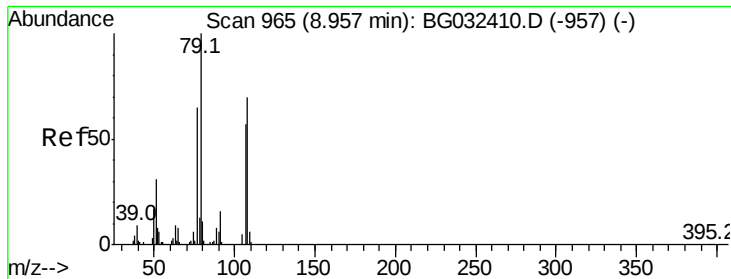
#14
 1,2-Dichlorobenzene
 Concen: 43.328 ng
 RT: 9.08 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion:146 Resp: 98879
 Ion Ratio Lower Upper
 146 100
 148 66.5 49.3 73.9
 111 44.8 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 44.356 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

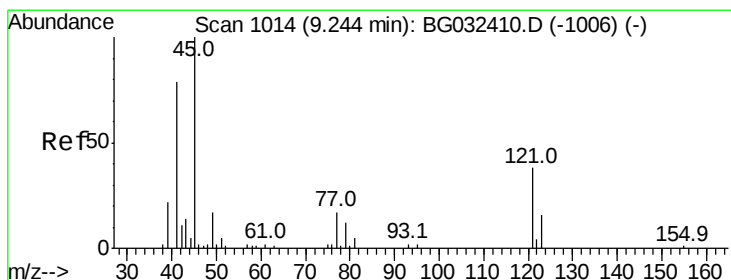
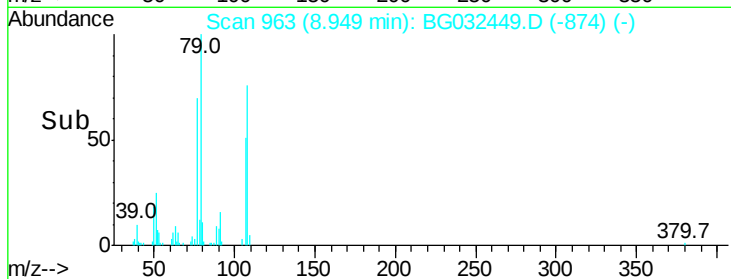
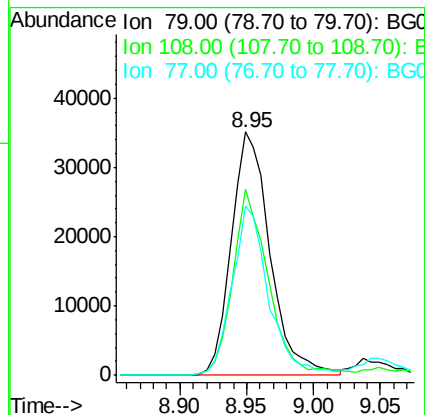
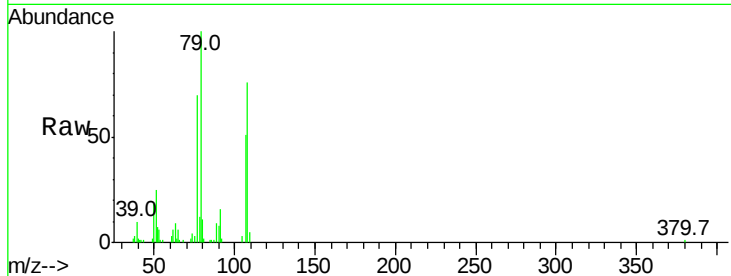
Tot Ion: 79 Resp: 70928

Ion Ratio Lower Upper

79 100

108 76.2 57.2 85.8

77 69.8 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.239 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

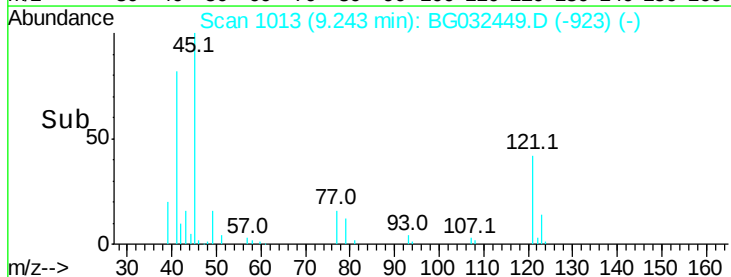
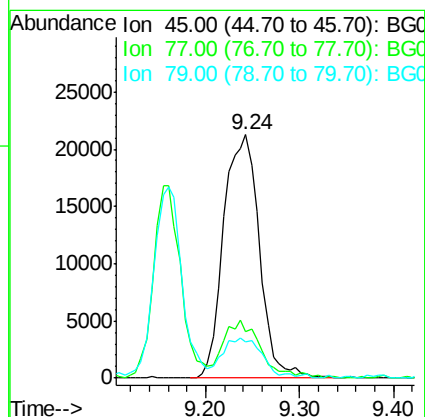
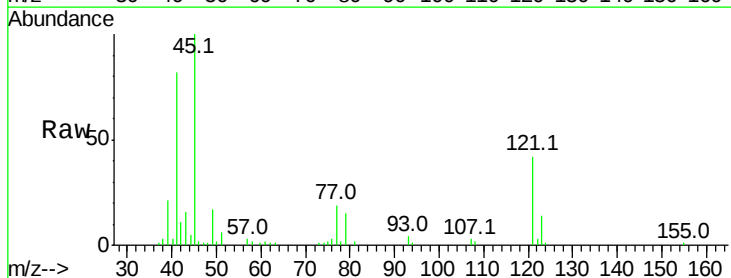
Tgt Ion: 45 Resp: 56191

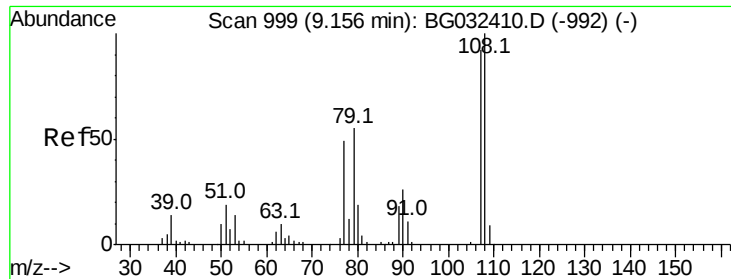
Ion Ratio Lower Upper

45 100

77 18.9 0.0 30.2

79 14.8 0.0 27.9

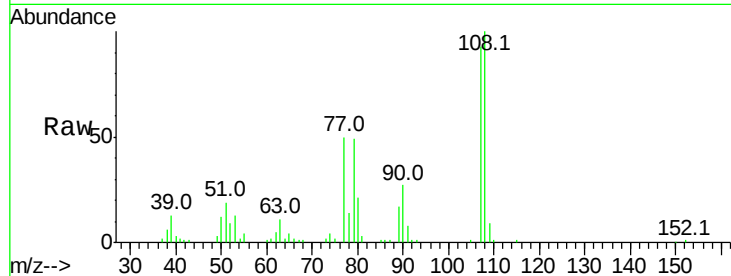




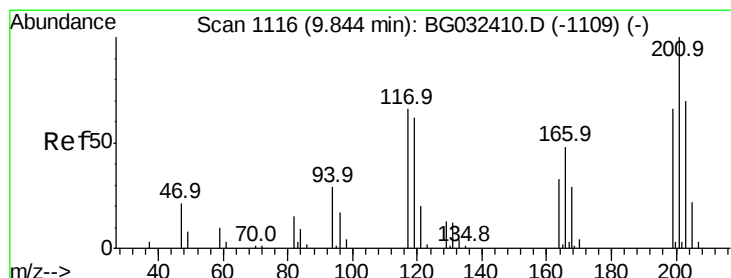
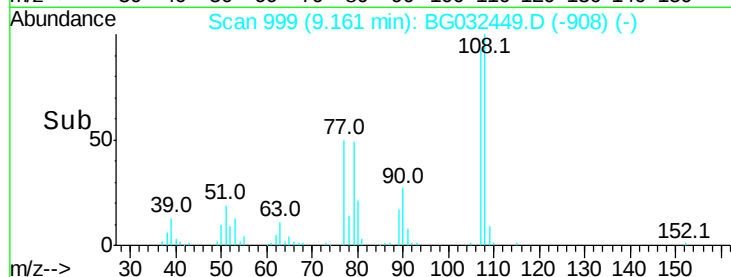
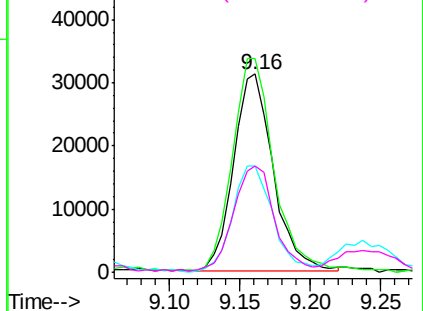
#17
2-Methylphenol
Concen: 40.985 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 61333
Ion Ratio Lower Upper
107 100
108 108.0 83.9 125.9
77 53.8 37.2 55.8
79 53.4 36.2 54.2

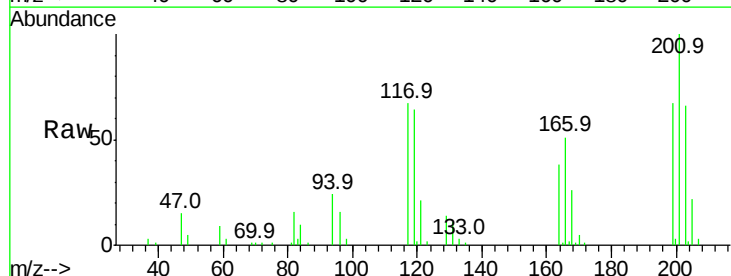


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

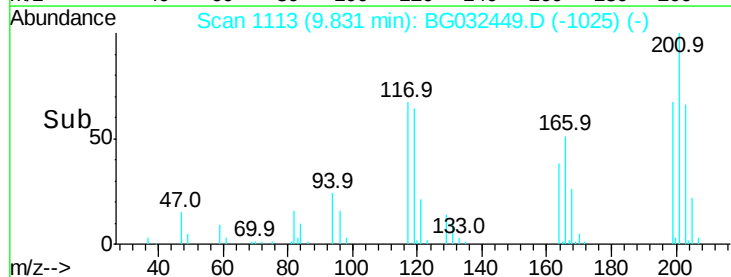
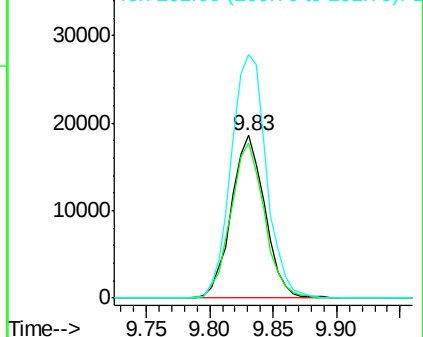


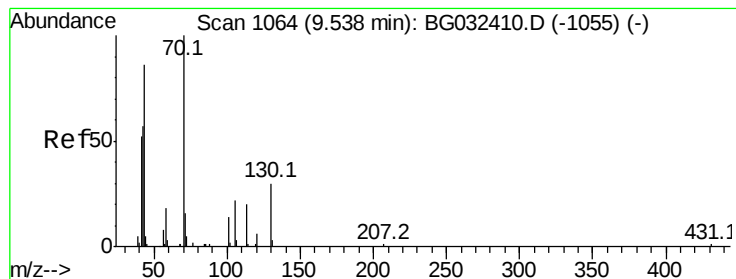
#18
Hexachloroethane
Concen: 43.422 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion:117 Resp: 33963
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
201 149.8 95.7 143.5#



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.086 ng

RT: 9.53 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 51569

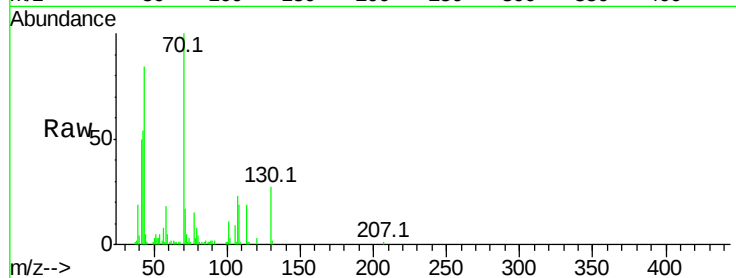
Ion Ratio Lower Upper

70 100

42 54.3 49.1 73.7

101 11.0 8.5 12.7

130 27.1 13.4 20.0#



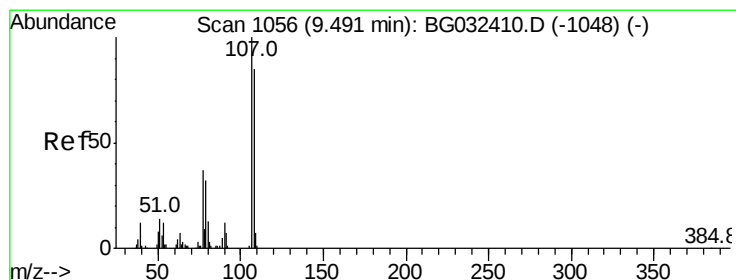
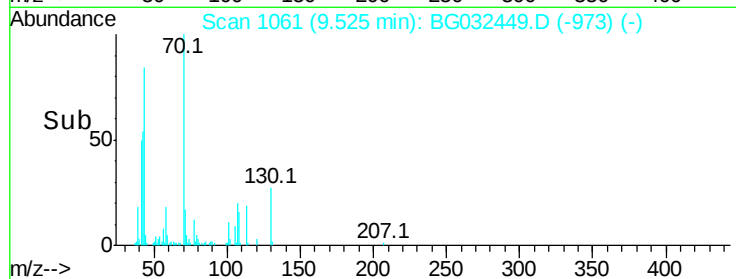
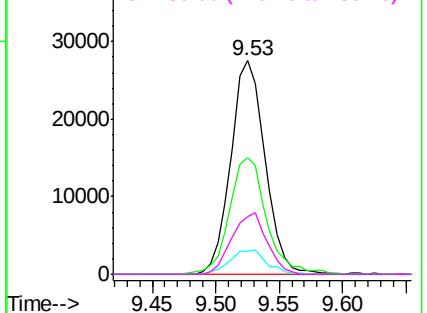
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.547 ng

RT: 9.50 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion: 107 Resp: 91408

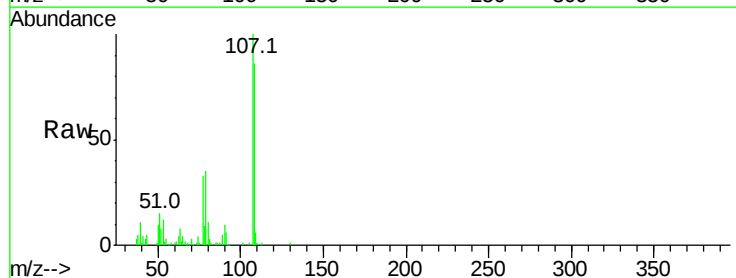
Ion Ratio Lower Upper

107 100

108 85.7 61.6 101.6

77 33.1 13.9 53.9

79 35.0 8.8 48.8



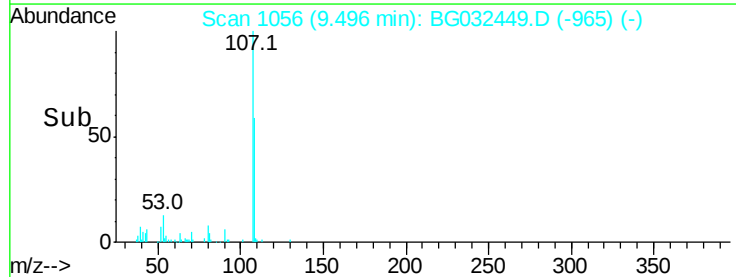
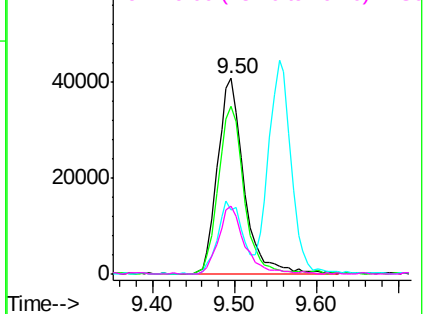
Abundance

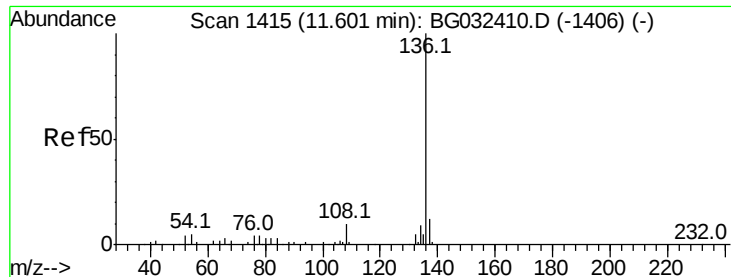
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

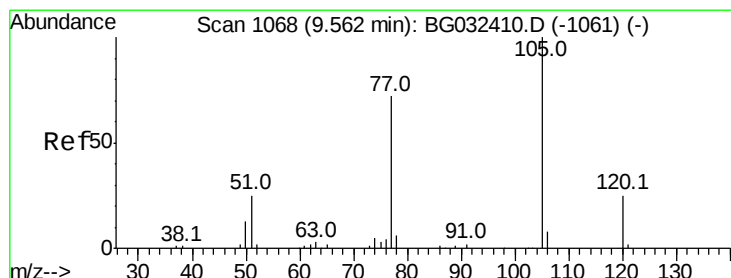
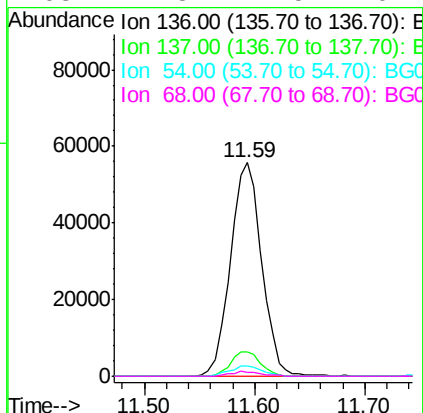
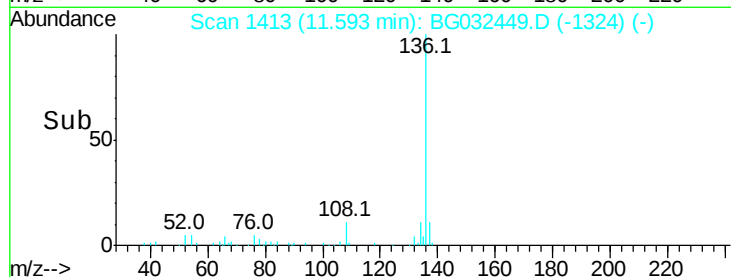
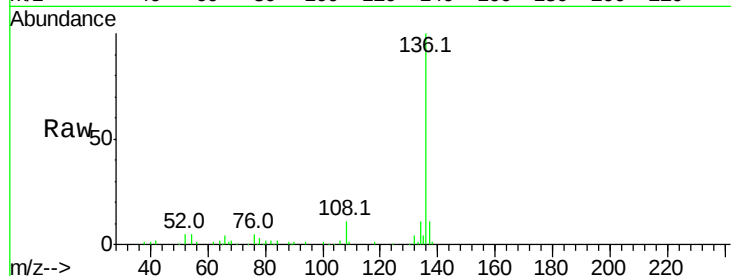




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

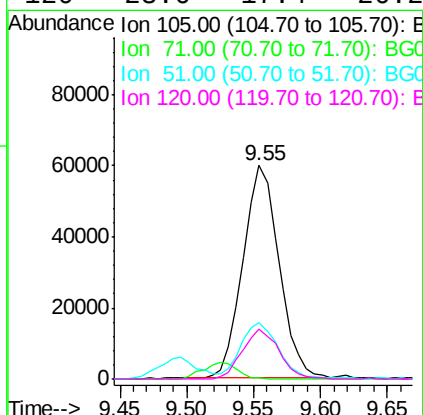
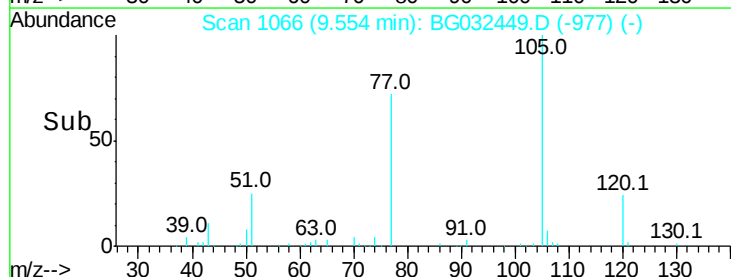
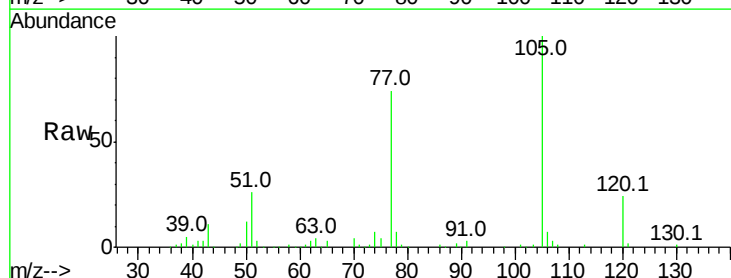
Instrument :
BNA_G
ClientSampleId :

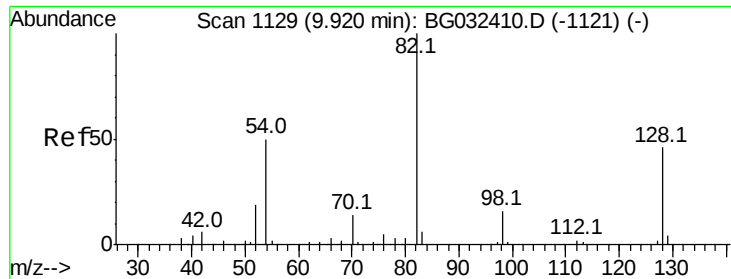
Tot Ion:136	Resp:	110506
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	4.7	10.3 15.5#
68	1.8	4.5 6.7#



#22
Acetophenone
Concen: 43.444 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion:105	Resp:	112537
Ion Ratio	Lower	Upper
105	100	
71	0.5	3.0 4.4#
51	26.1	26.1 39.1
120	23.6	17.4 26.2

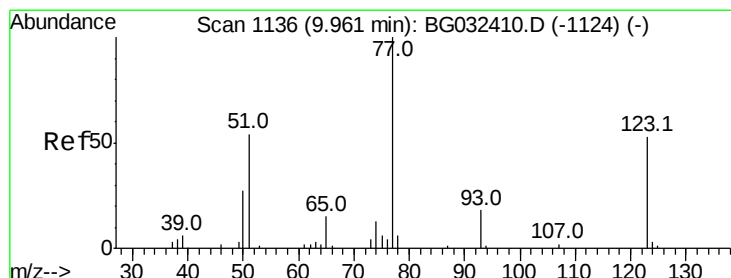
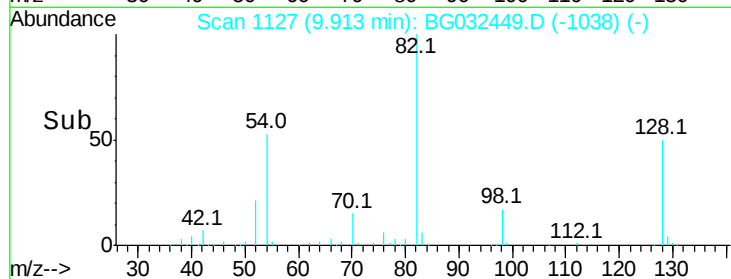
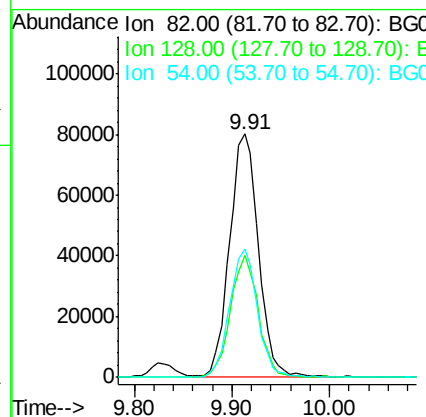
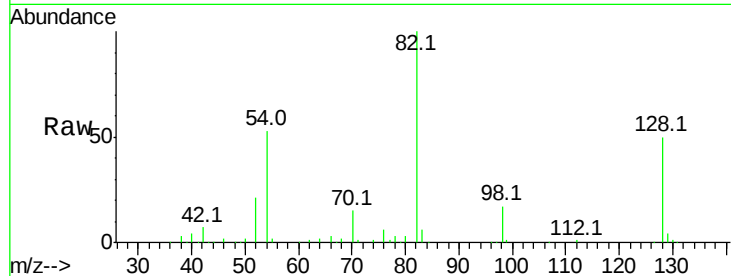




#23
 Nitrobenzene-d5
 Concen: 92.231 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

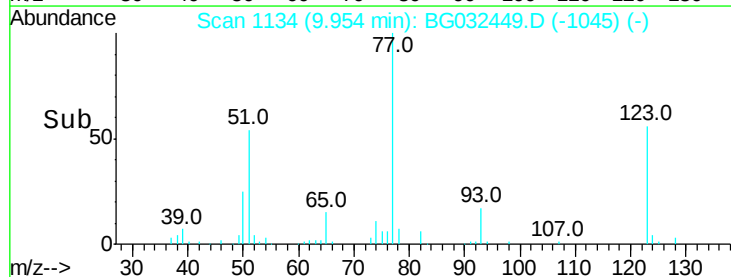
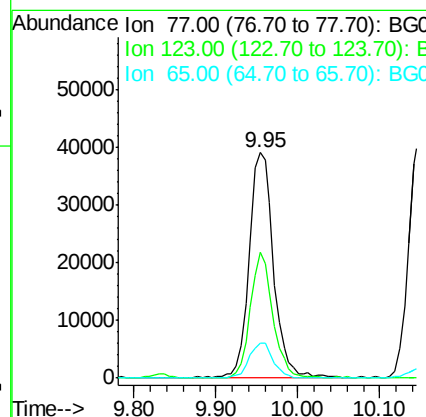
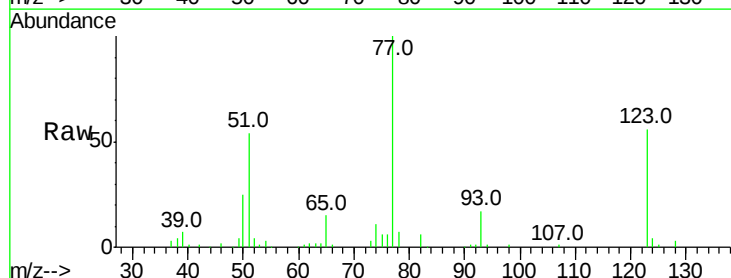
Instrument :
 BNA_G
 ClientSampleId :

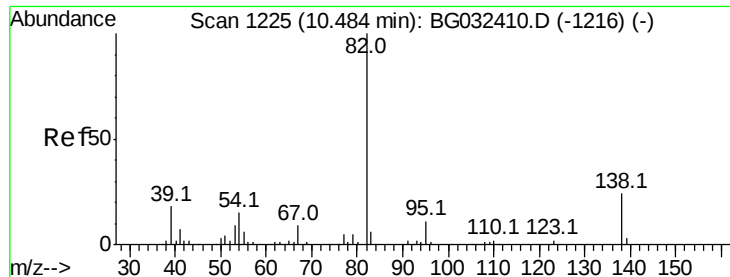
Tot Ion: 82 Resp: 163176
 Ion Ratio Lower Upper
 82 100
 128 50.1 29.7 44.5#
 54 52.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 47.652 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion: 77 Resp: 81523
 Ion Ratio Lower Upper
 77 100
 123 55.6 33.0 49.6#
 65 15.4 13.0 19.6





#25

Isophorone

Concen: 47.312 ng

RT: 10.48 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

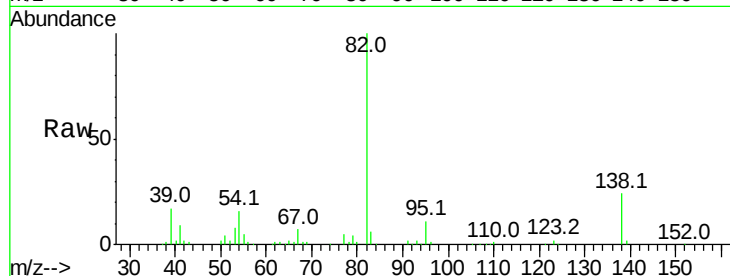
Tot Ion: 82 Resp: 142526

Ion Ratio Lower Upper

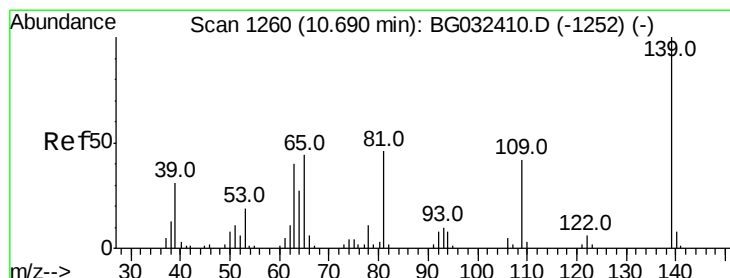
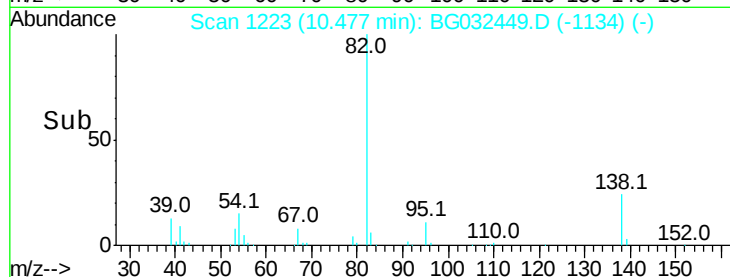
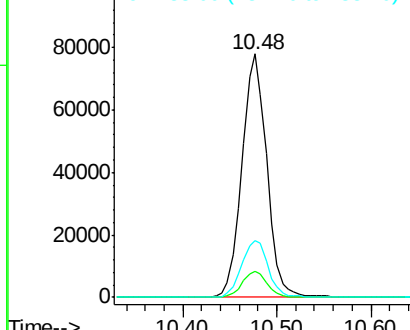
82 100

95 10.9 6.2 9.2#

138 23.5 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 48.997 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

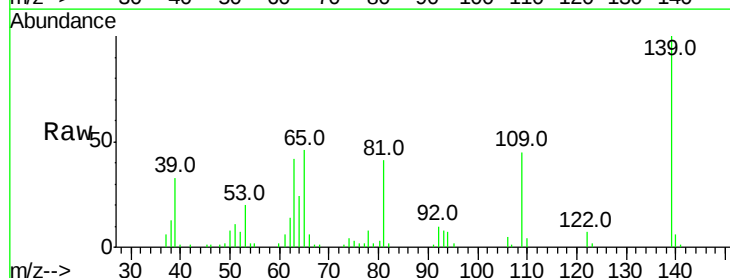
Tgt Ion: 139 Resp: 50671

Ion Ratio Lower Upper

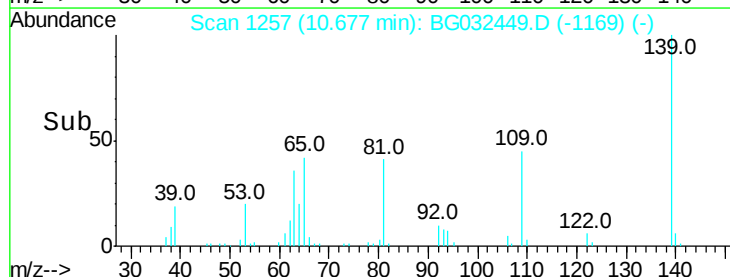
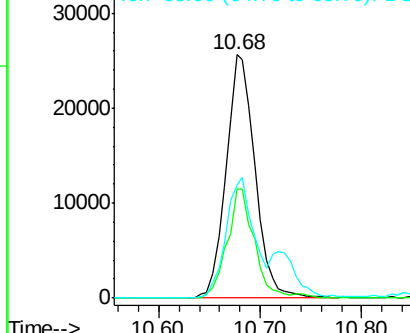
139 100

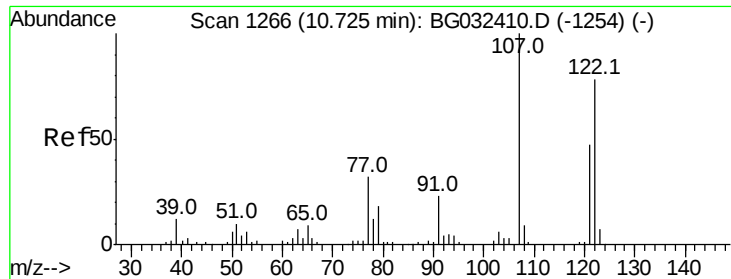
109 44.7 24.2 36.2#

65 46.5 47.4 71.0#



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

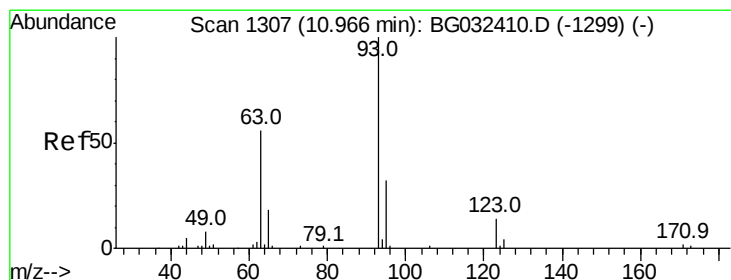
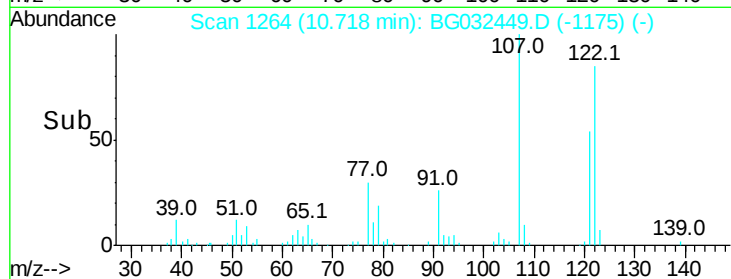
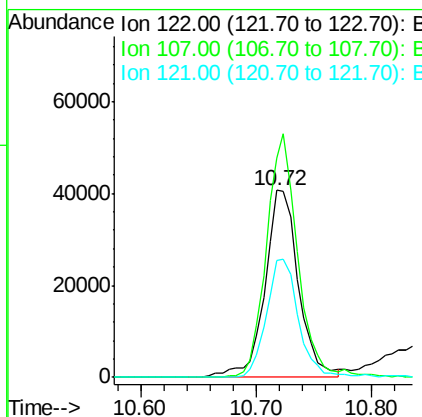
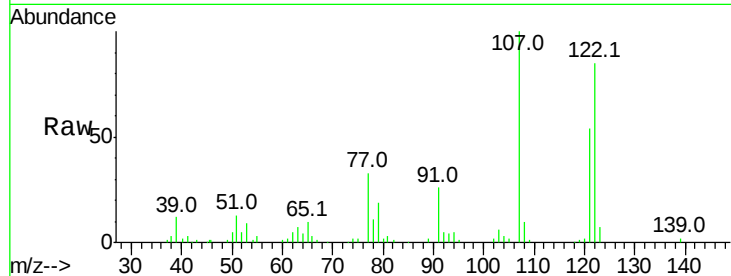




#27
 2,4-Dimethylphenol
 Concen: 55.525 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

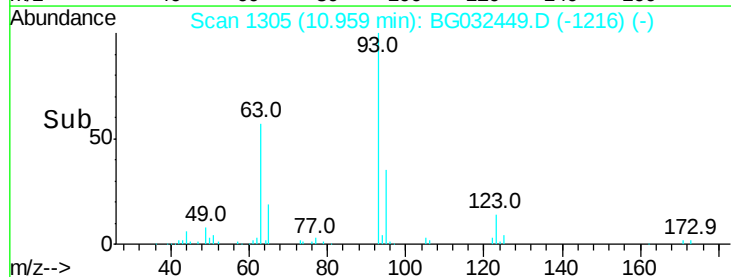
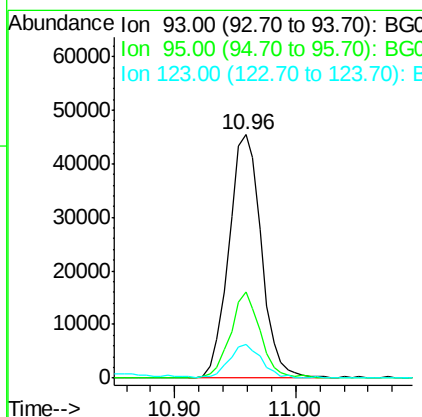
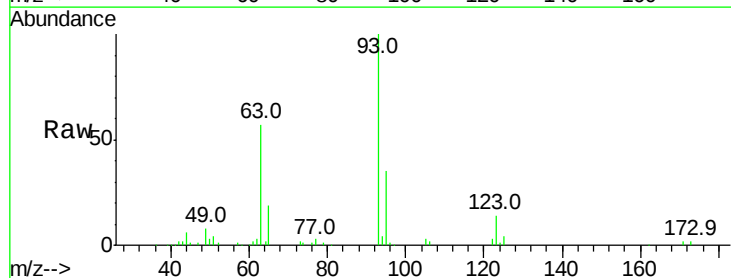
Instrument :
 BNA_G
 ClientSampleId :

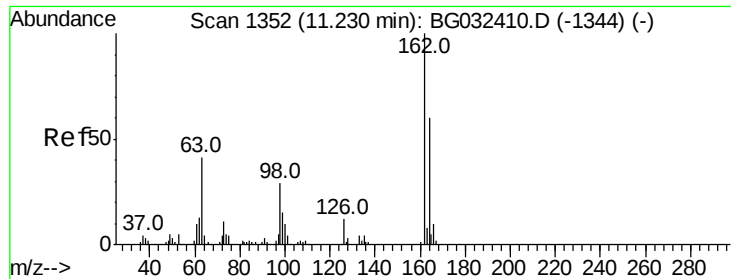
Tot Ion:122 Resp: 82419
 Ion Ratio Lower Upper
 122 100
 107 117.3 100.2 150.2
 121 62.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.567 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion: 93 Resp: 85186
 Ion Ratio Lower Upper
 93 100
 95 35.3 24.3 36.5
 123 13.9 8.4 12.6#

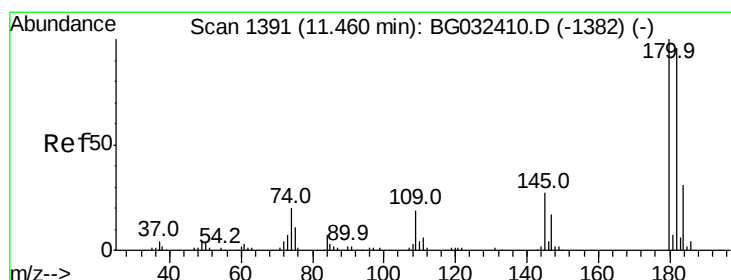
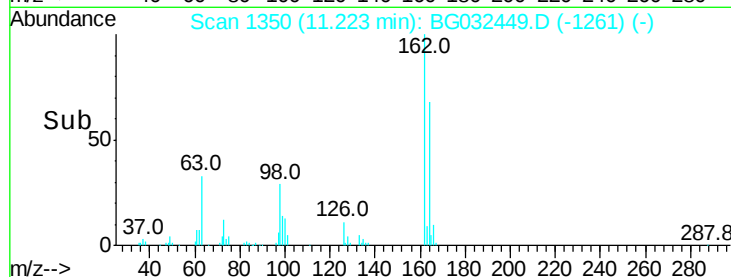
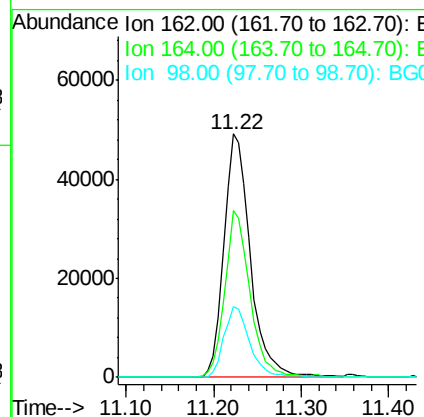
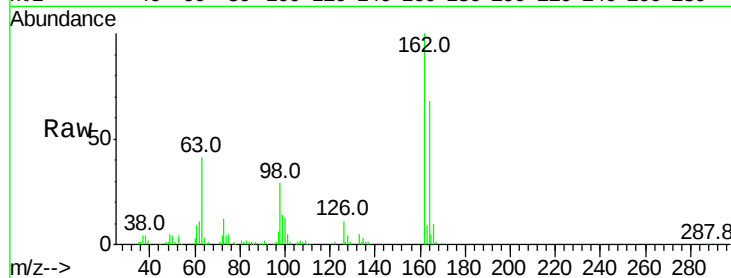




#29
2,4-Dichlorophenol
Concen: 52.275 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

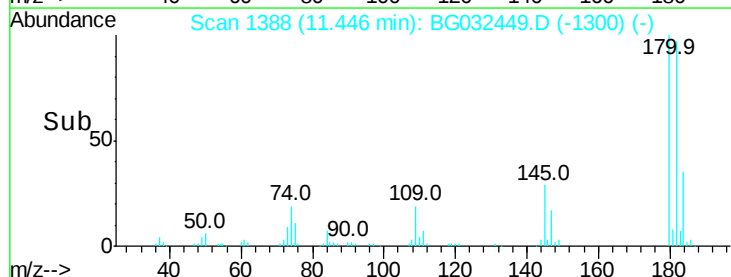
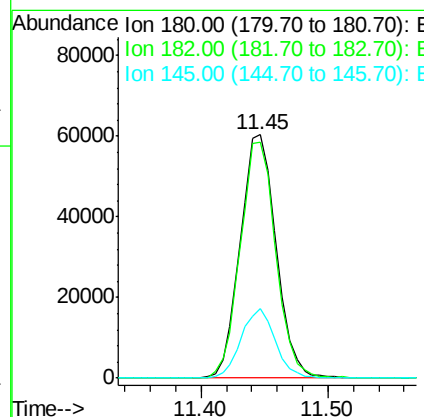
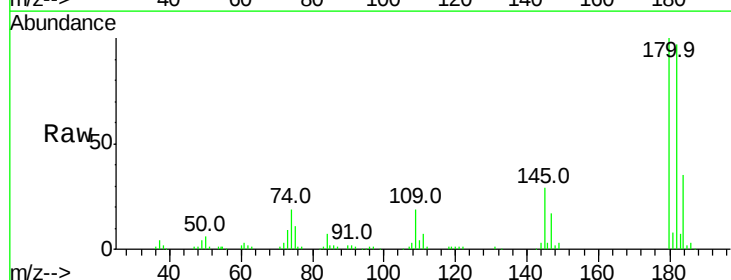
Instrument :
BNA_G
ClientSampleId :

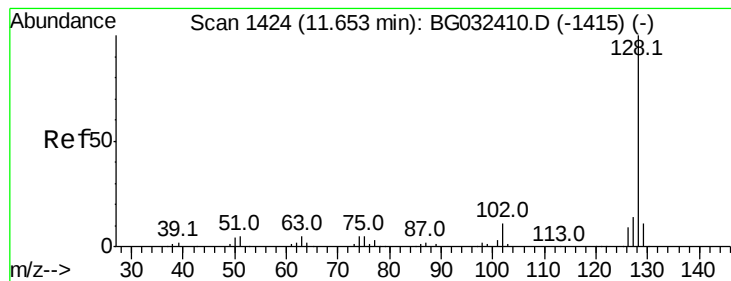
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	48.0	88.0
98	29.0	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 45.271 ng
RT: 11.45 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	28.8	23.4	35.2





#31

Naphthalene

Concen: 46.772 ng

RT: 11.64 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

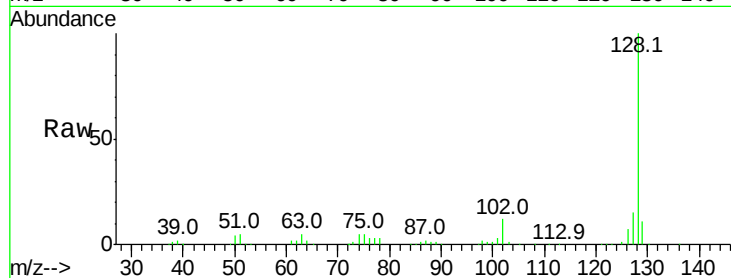
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 252437

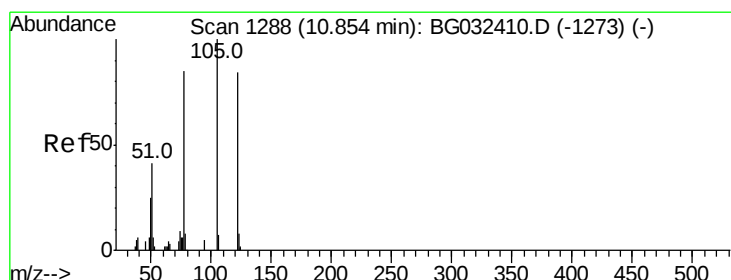
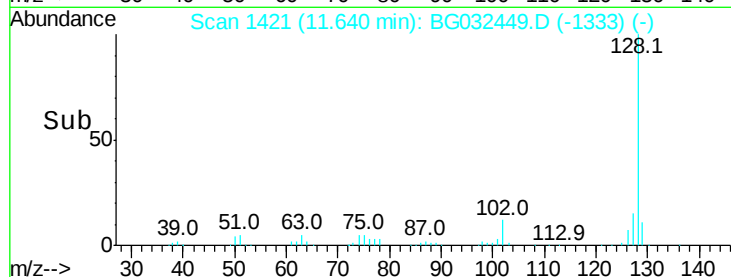
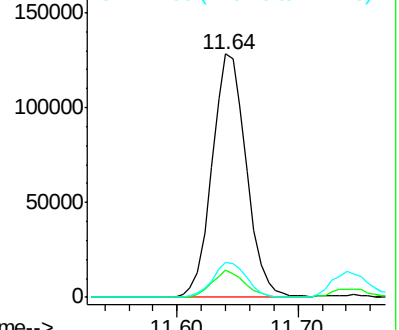
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.6	11.6	17.4



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: 35.209 ng

RT: 10.85 min Scan# 1287

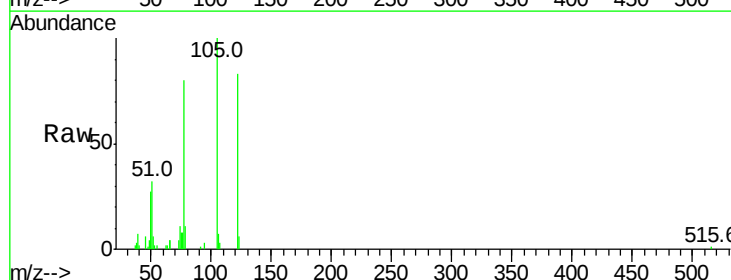
Delta R.T. -0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:122 Resp: 36454

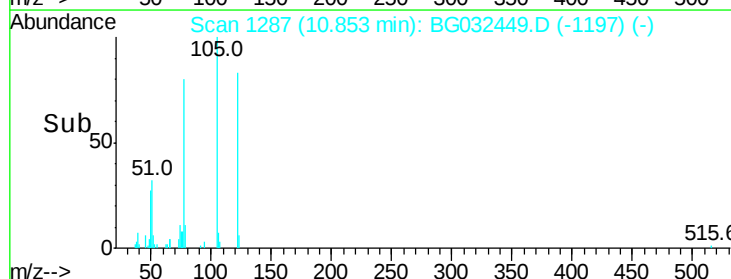
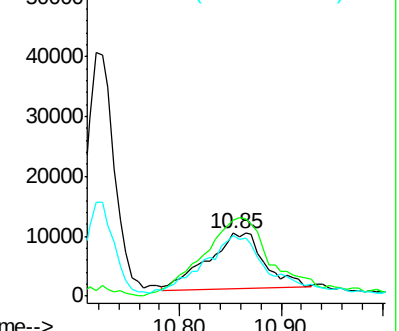
Ion	Ratio	Lower	Upper
122	100		
105	121.1	123.5	163.5#
77	97.0	85.7	125.7

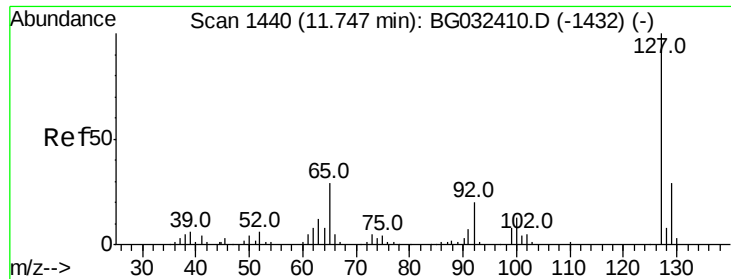


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

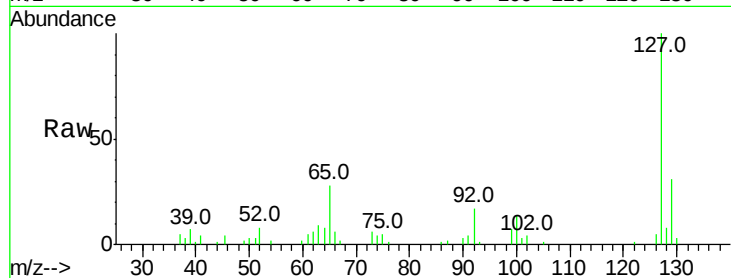




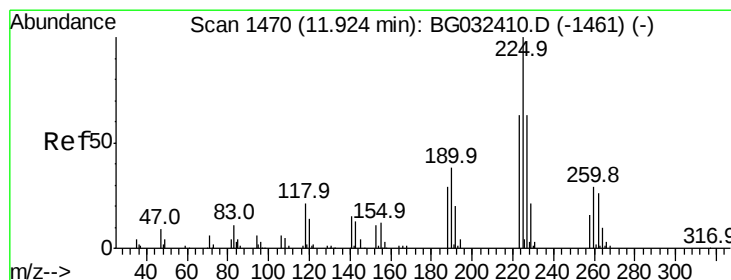
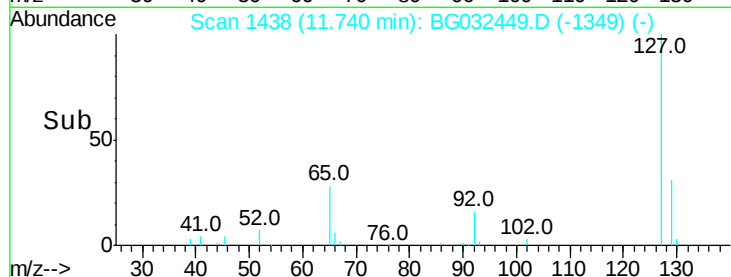
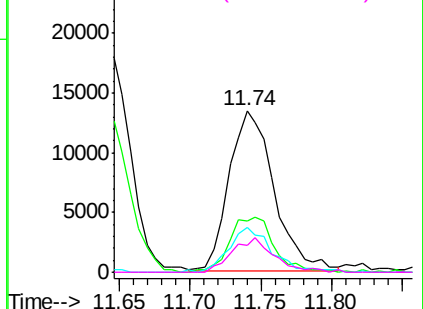
#33
4-Chloroaniline
Concen: 12.359 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	29752
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.0	36.0
65	27.9	27.0	40.4
92	16.9	16.6	25.0

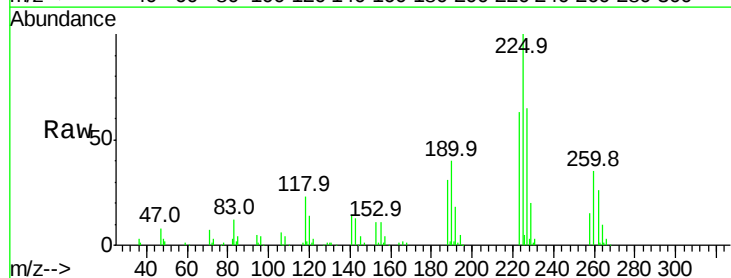


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

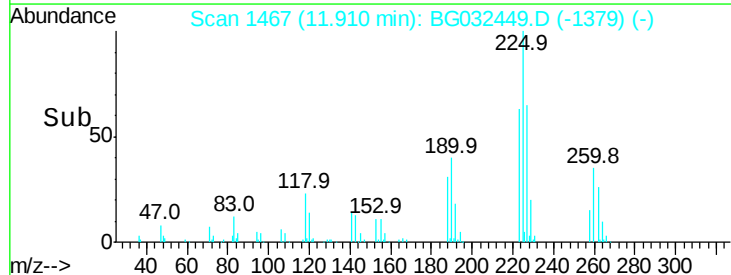
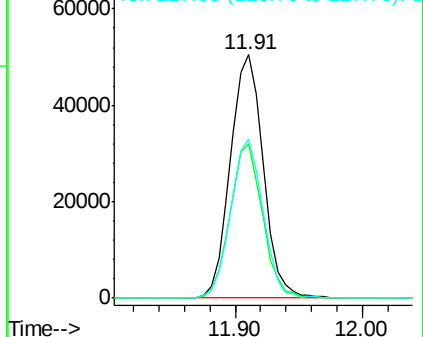


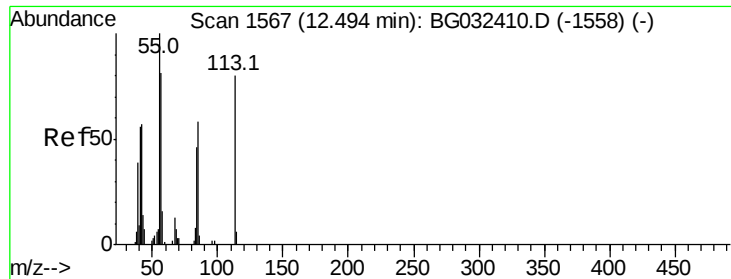
#34
Hexachlorobutadiene
Concen: 44.328 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion:	225	Resp:	90387
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	65.1	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: 52.718 ng

RT: 12.50 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

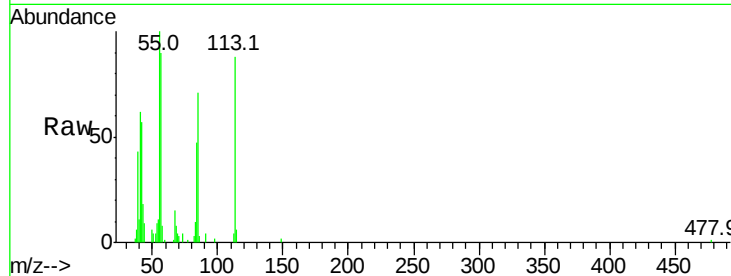
Tot Ion:113 Resp: 29759

Ion Ratio Lower Upper

113 100

55 113.6 186.9 226.9#

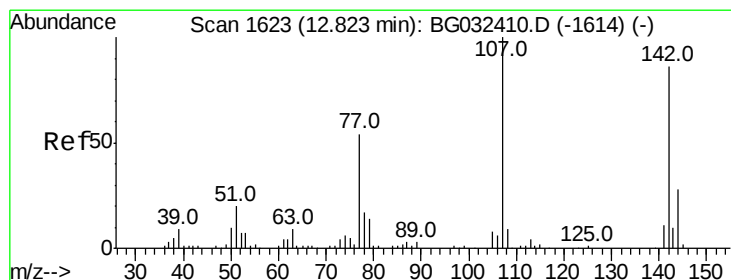
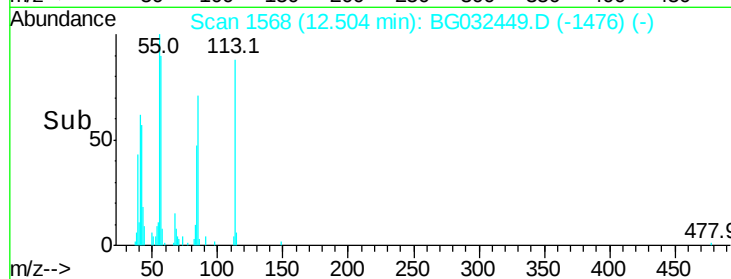
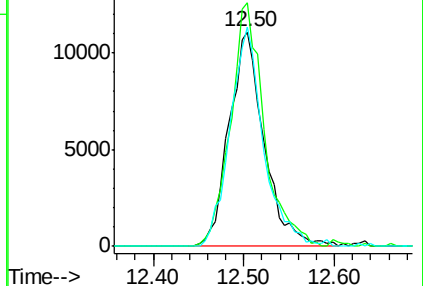
56 102.6 130.9 170.9#



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: 51.950 ng

RT: 12.83 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

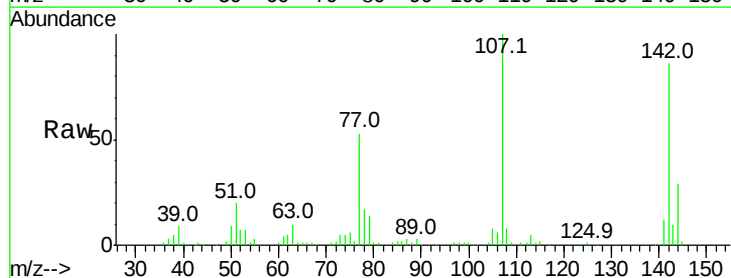
Tgt Ion:107 Resp: 96896

Ion Ratio Lower Upper

107 100

144 28.8 18.2 27.4#

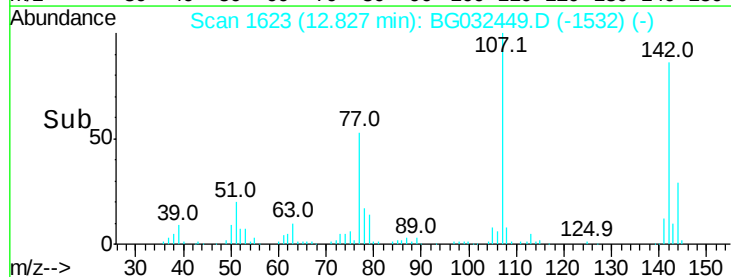
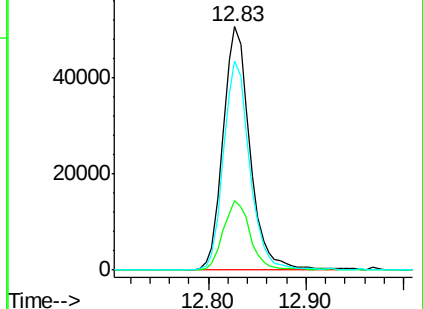
142 85.8 59.0 88.4

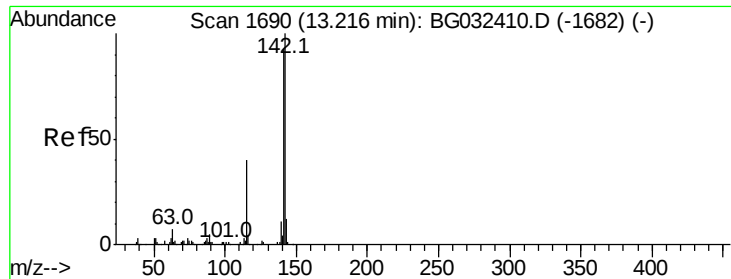


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

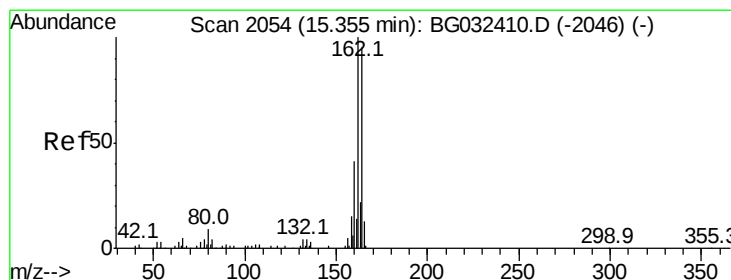
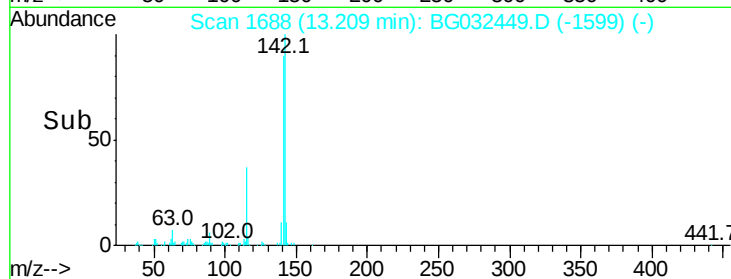
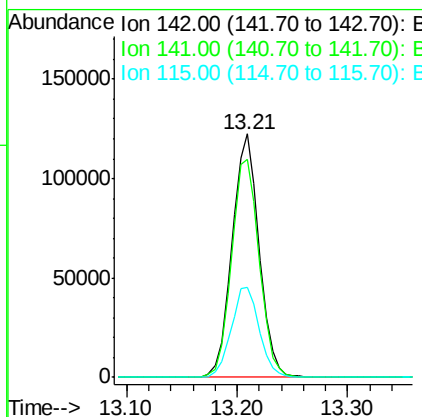
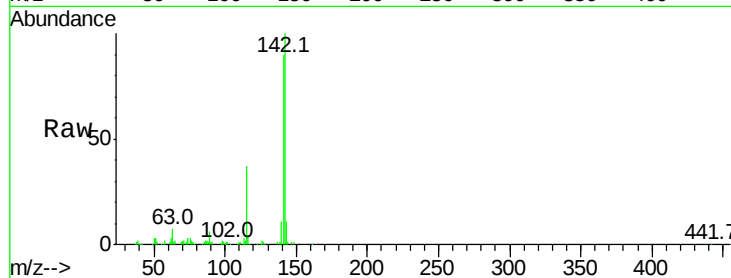




#37
2-Methylnaphthalene
Concen: 46.310 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

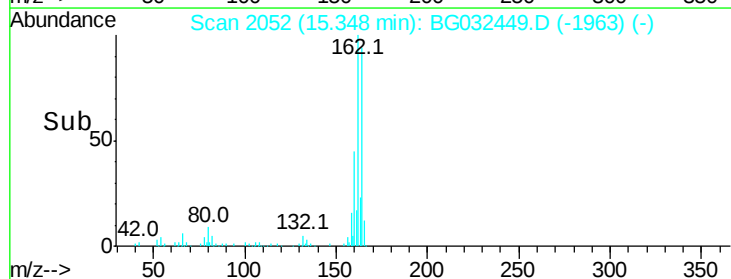
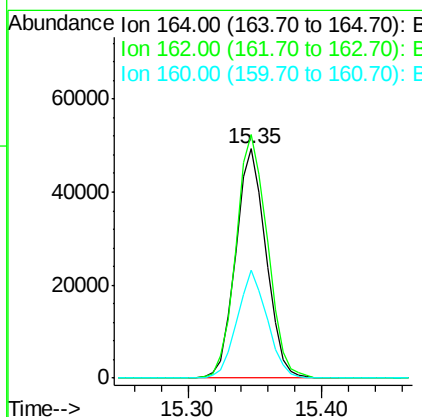
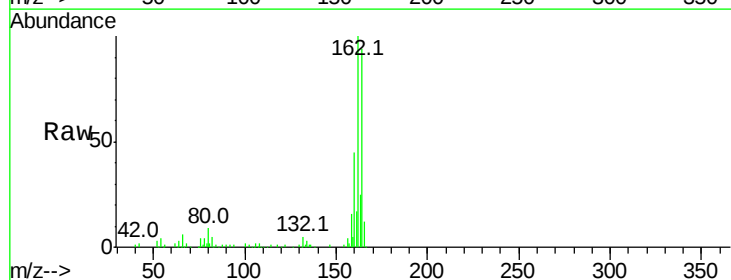
Instrument :
BNA_G
ClientSampleId :

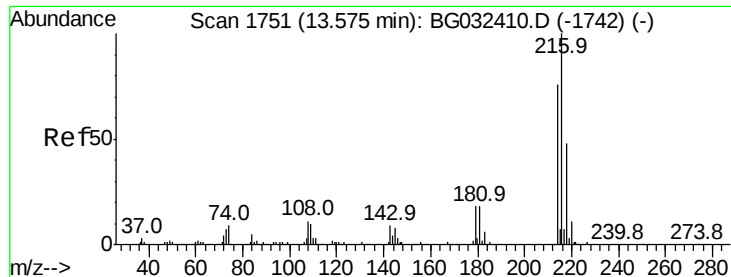
Tot Ion:142 Resp: 209984
Ion Ratio Lower Upper
142 100
141 89.5 67.1 100.7
115 37.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion:164 Resp: 77666
Ion Ratio Lower Upper
164 100
162 106.1 78.8 118.2
160 47.3 35.4 53.0

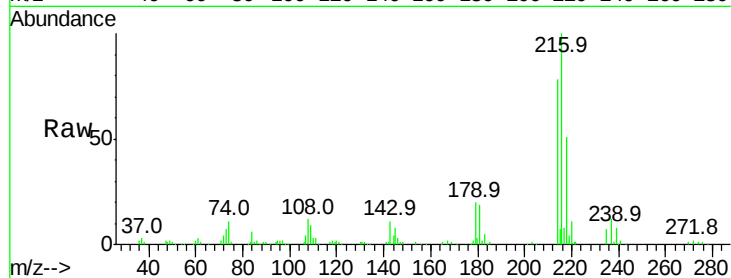




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.241 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	160748
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	19.3	17.0	25.6
108	13.6	12.8	19.2

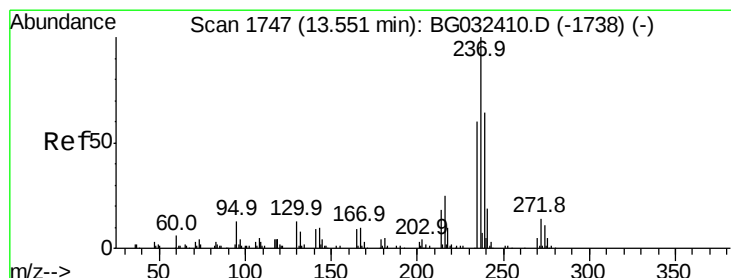
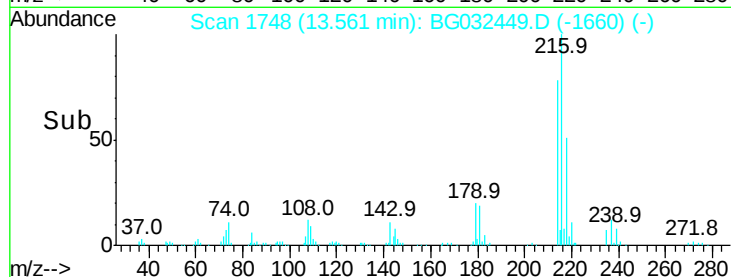
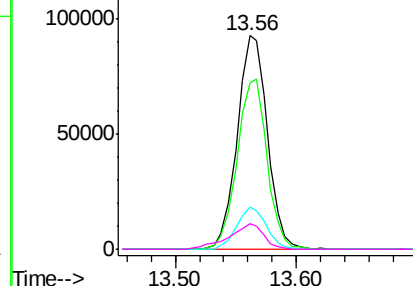


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

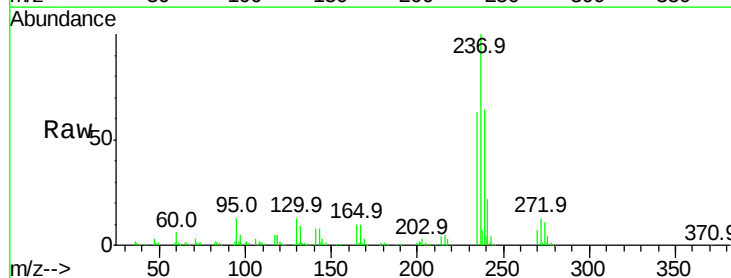
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 99.779 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

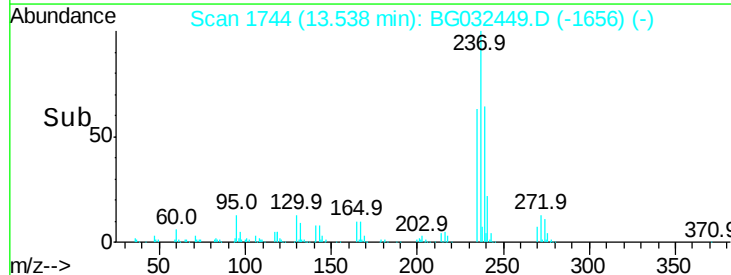
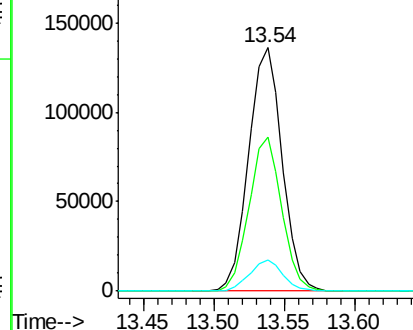
Tgt Ion:	237	Resp:	226520
Ion	Ratio	Lower	Upper
237	100		
235	63.4	50.4	90.4
272	12.8	0.0	31.8

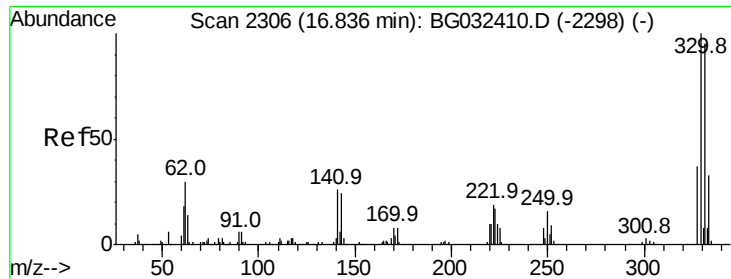


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 149.732 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

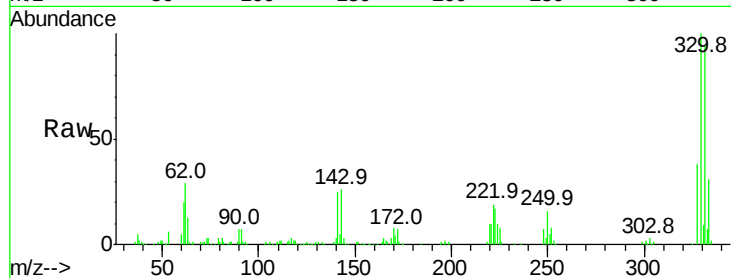
Tot Ion:330 Resp: 221360

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

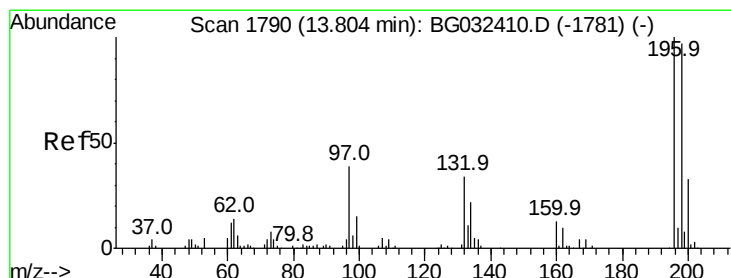
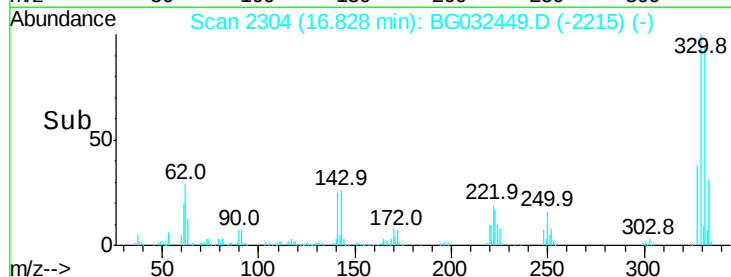
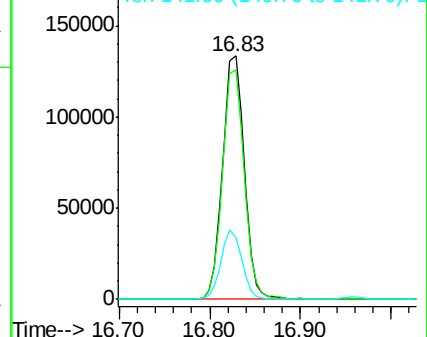
141 27.7 25.2 37.8



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: 51.766 ng

RT: 13.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

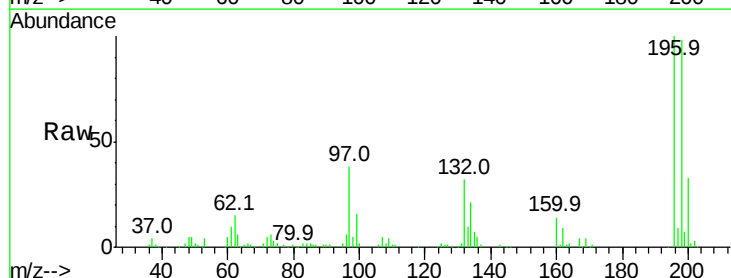
Tgt Ion:196 Resp: 102309

Ion Ratio Lower Upper

196 100

198 98.5 78.2 117.2

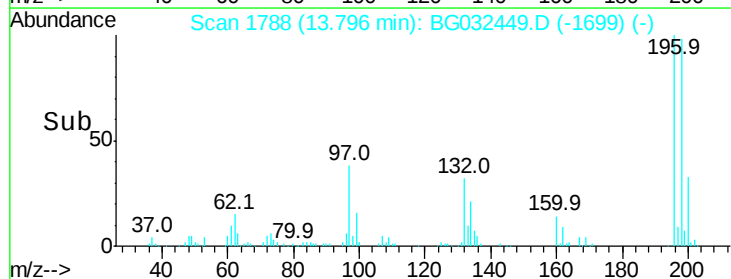
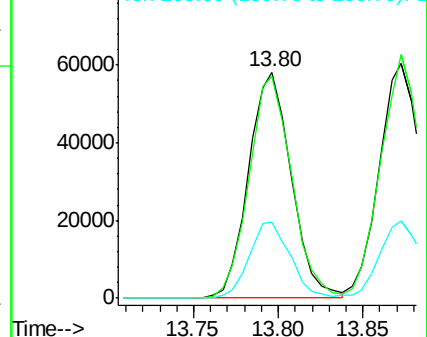
200 33.4 24.6 36.8

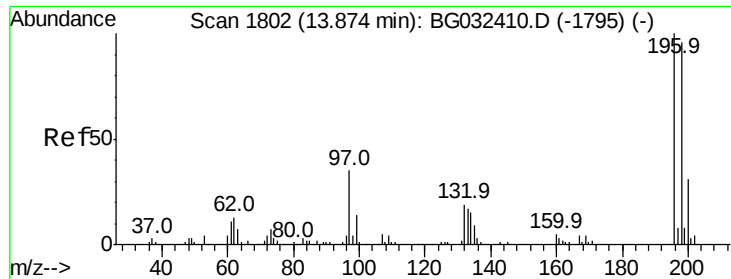


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

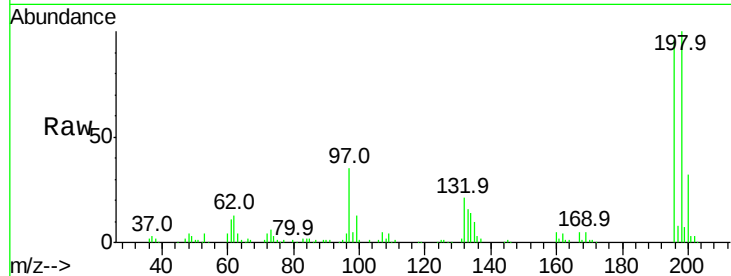




#43
 2,4,5-Trichlorophenol
 Concen: 48.516 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.6	76.2	114.4
97	36.7	38.7	58.1
132	21.8	20.2	30.2



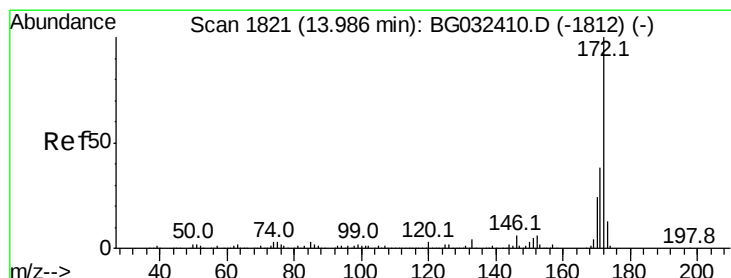
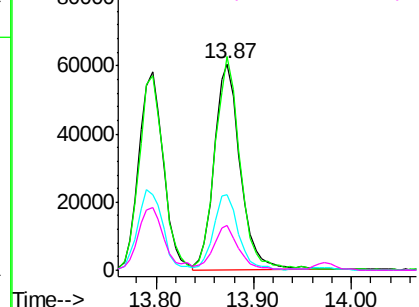
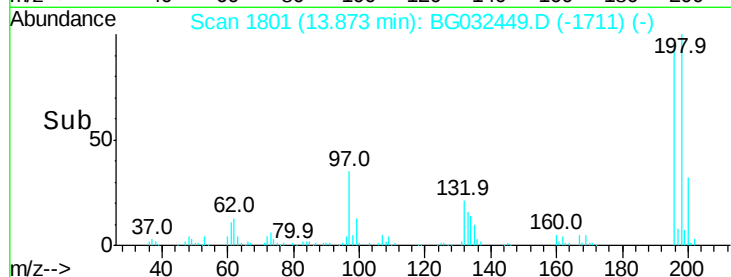
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

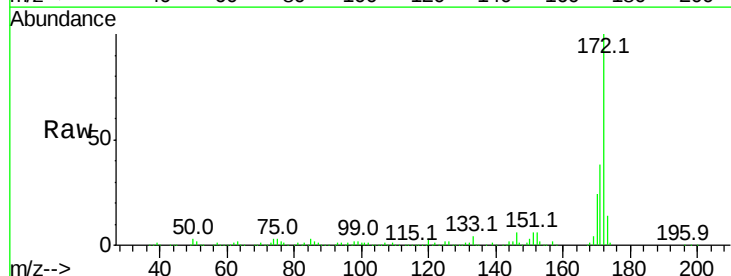
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.076 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.6	19.5	29.3

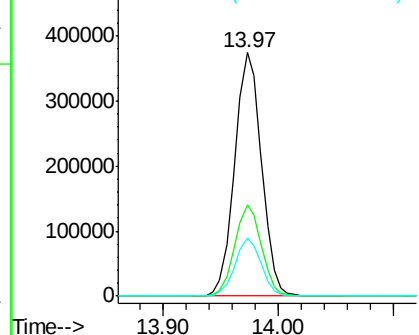
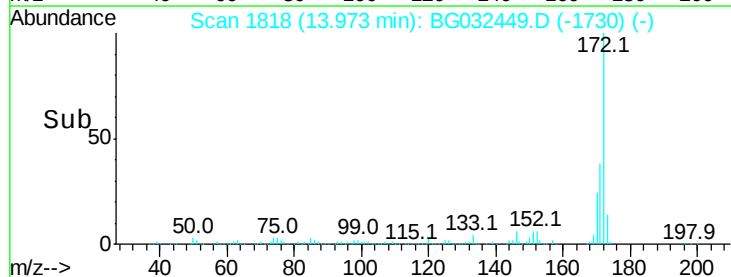


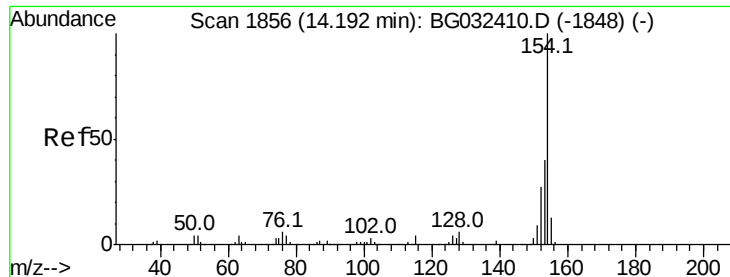
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.235 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampled :

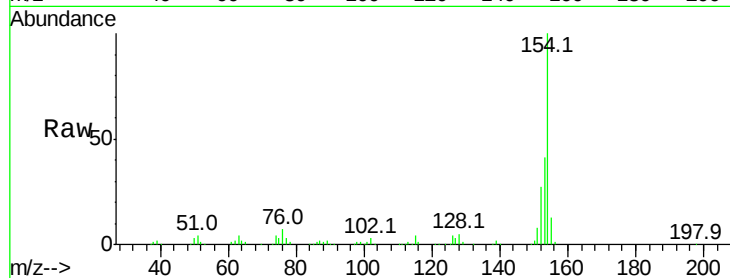
Tot Ion:154 Resp: 303375

Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

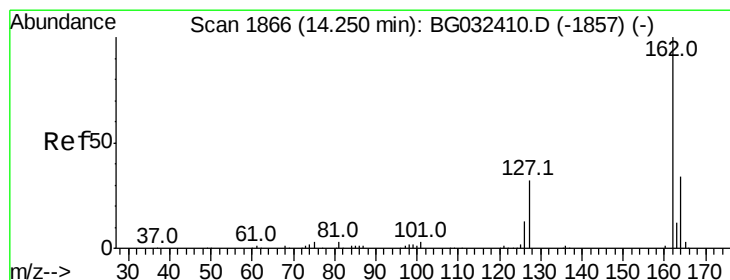
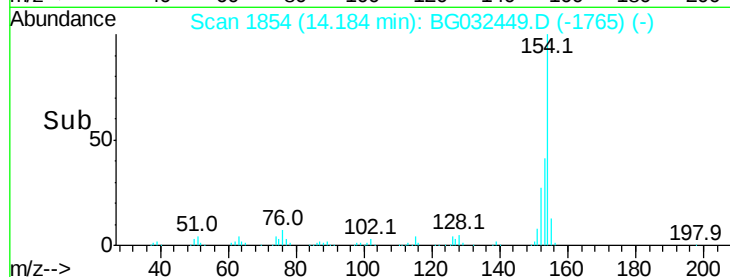
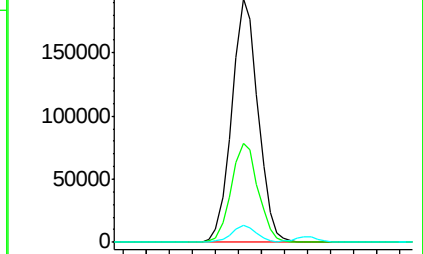
76 7.1 0.0 31.9



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: 45.243 ng

RT: 14.24 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

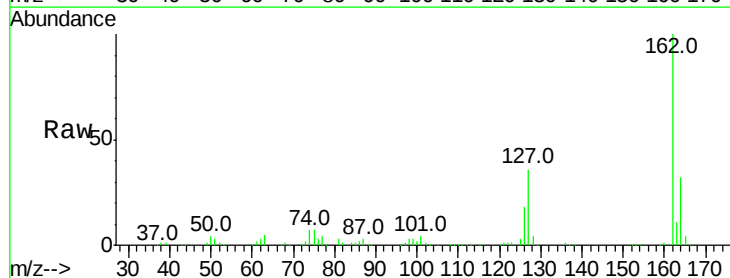
Tgt Ion:162 Resp: 232678

Ion Ratio Lower Upper

162 100

127 35.7 30.7 46.1

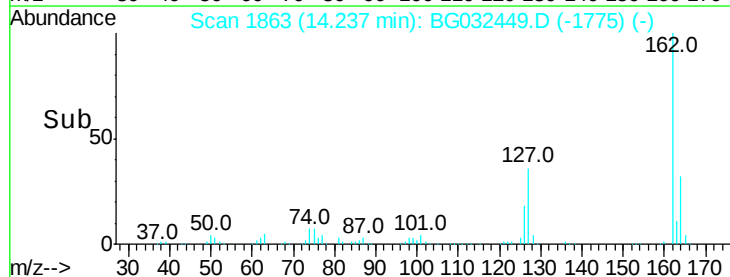
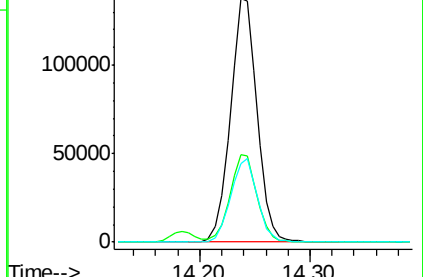
164 32.4 26.0 39.0

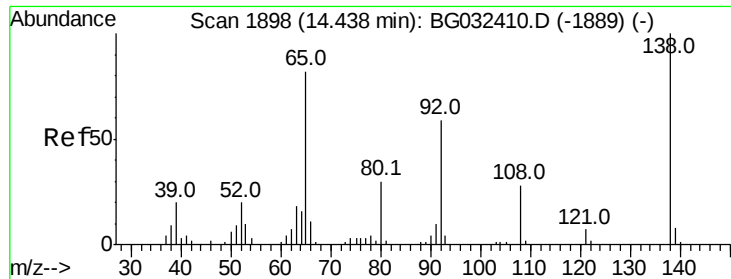


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

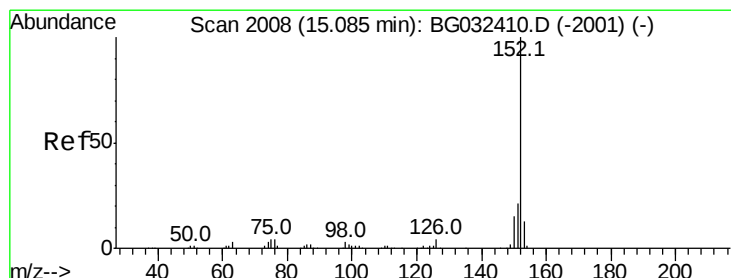
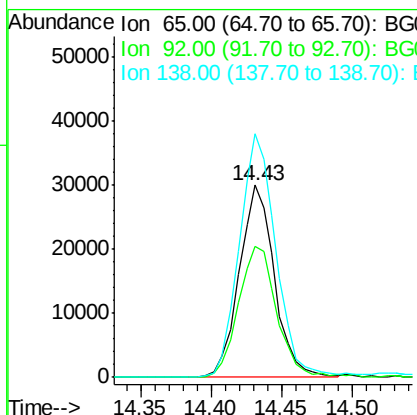
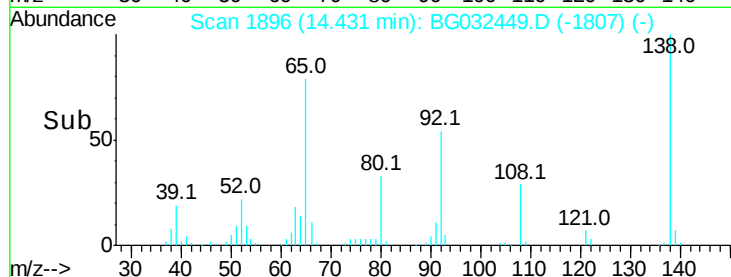
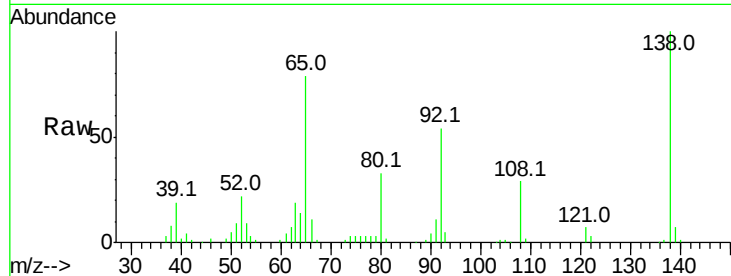




#47
 2-Nitroaniline
 Concen: 45.738 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

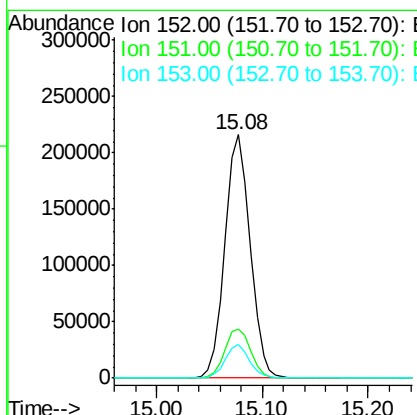
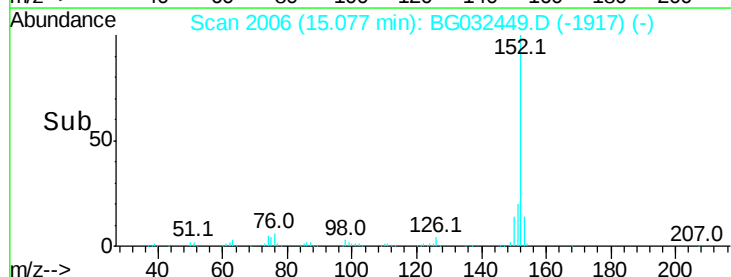
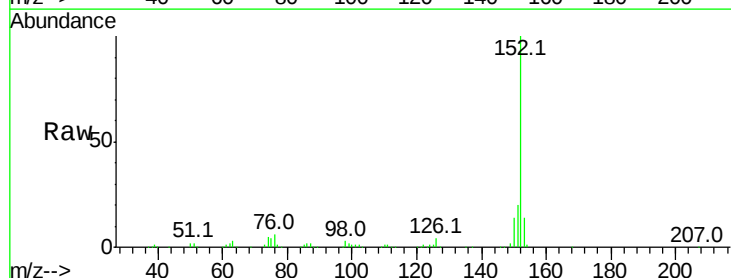
Instrument :
 BNA_G
 ClientSampleId :

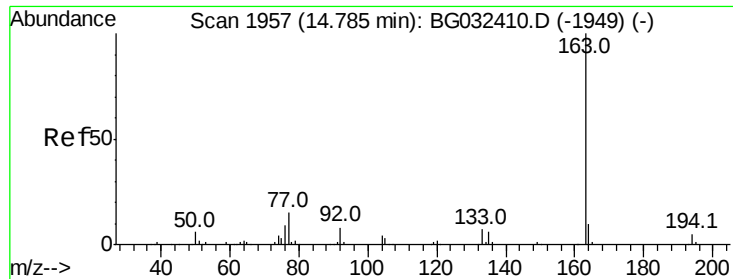
Tot Ion: 65 Resp: 52018
 Ion Ratio Lower Upper
 65 100
 92 68.1 54.6 82.0
 138 126.8 72.9 109.3#



#48
 Acenaphthylene
 Concen: 45.928 ng
 RT: 15.08 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion:152 Resp: 357079
 Ion Ratio Lower Upper
 152 100
 151 20.1 17.2 25.8
 153 13.8 10.2 15.4





#49

Dimethylphthalate

Concen: 46.111 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

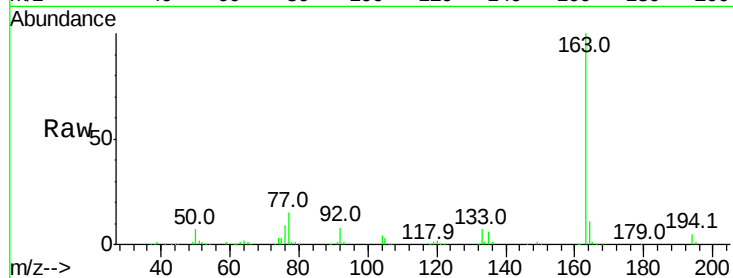
Tot Ion:163 Resp: 330206

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

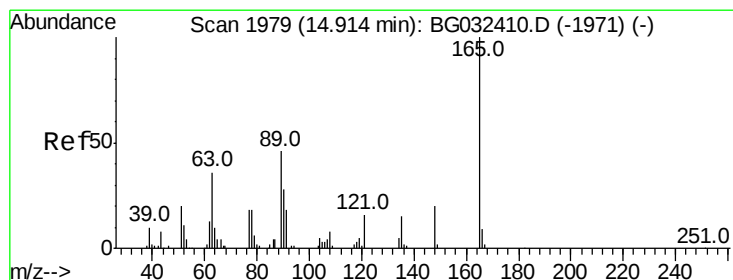
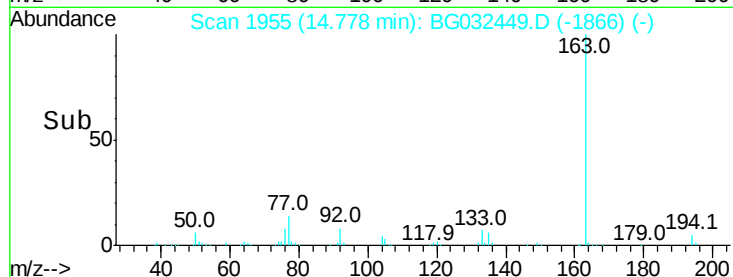
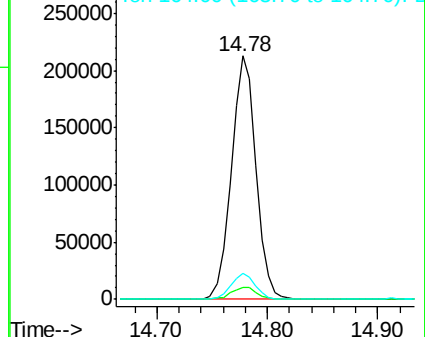
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.003 ng

RT: 14.91 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

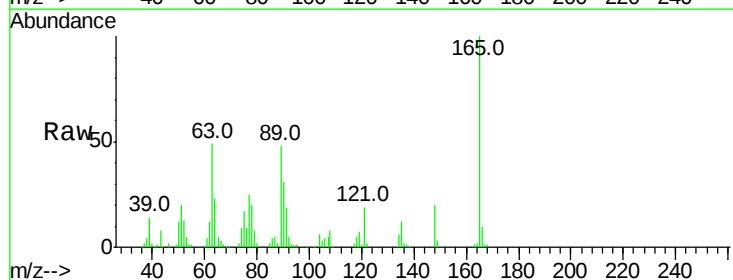
Tgt Ion:165 Resp: 72151

Ion Ratio Lower Upper

165 100

63 48.7 52.7 79.1#

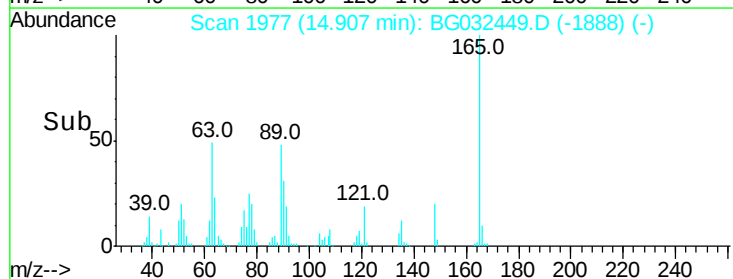
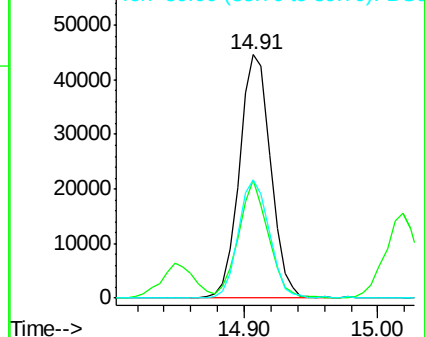
89 48.5 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 51.531 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

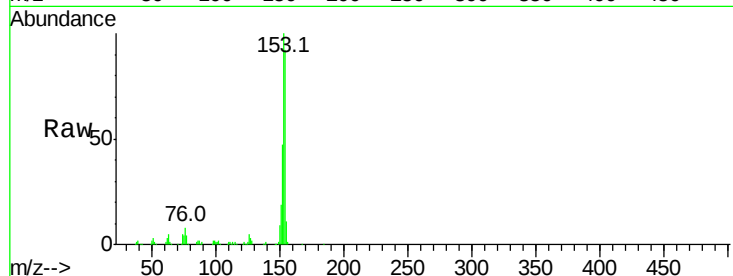
Tot Ion:154 Resp: 277855

Ion Ratio Lower Upper

154 100

153 108.6 90.4 135.6

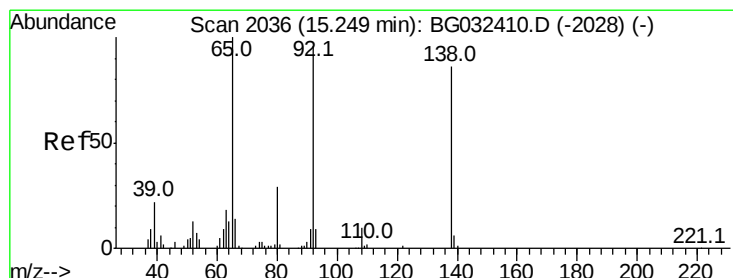
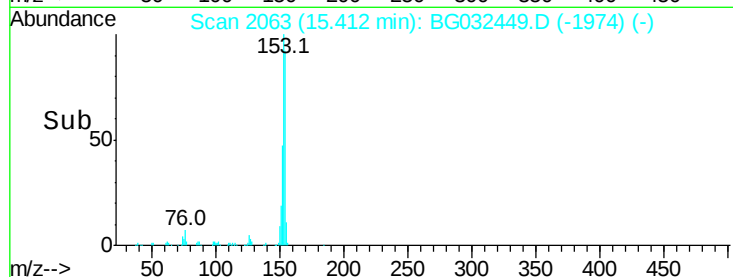
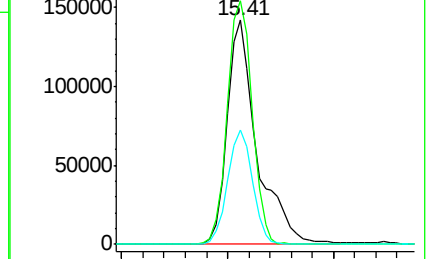
152 50.8 41.6 62.4



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: 19.760 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

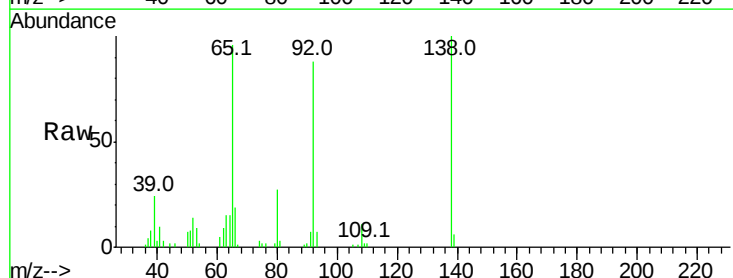
Tgt Ion:138 Resp: 25942

Ion Ratio Lower Upper

138 100

108 11.3 17.5 26.3#

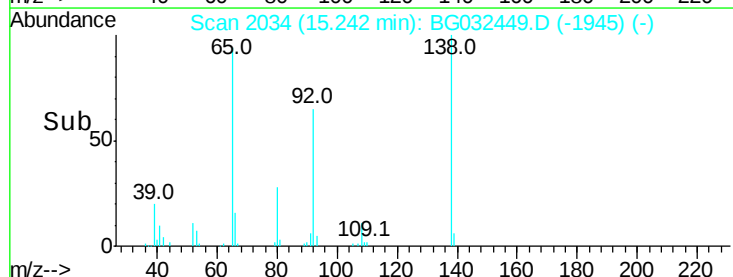
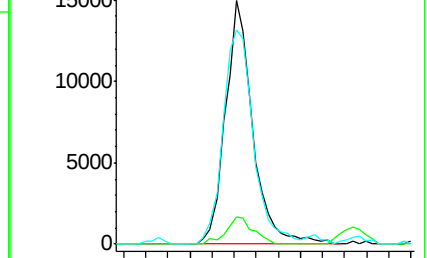
92 87.8 105.8 158.8#

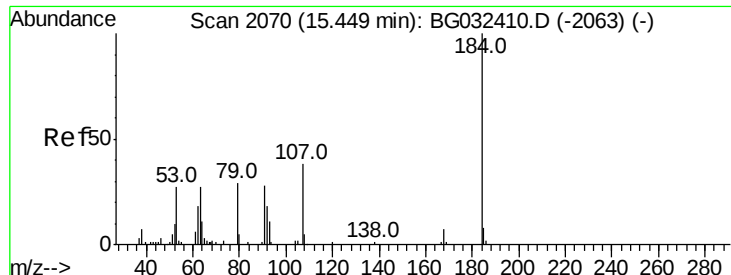


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

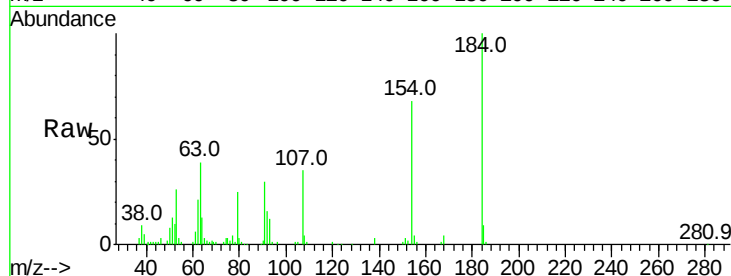




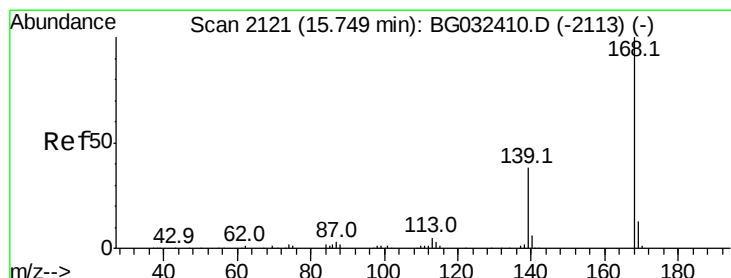
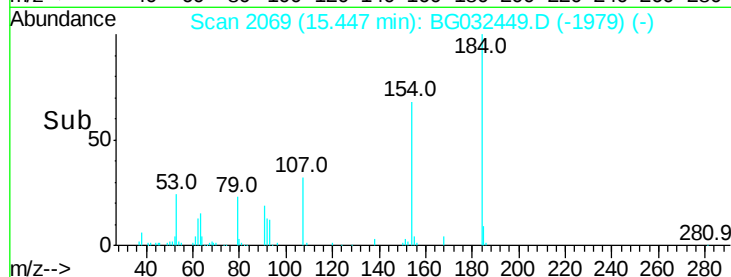
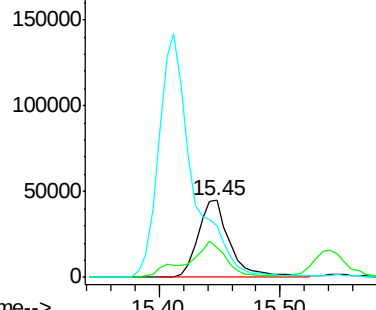
#53
 2,4-Dinitrophenol
 Concen: 86.706 ng
 RT: 15.45 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 81689
 Ion Ratio Lower Upper
 184 100
 63 39.2 59.8 89.8#
 154 68.1 101.8 152.8#

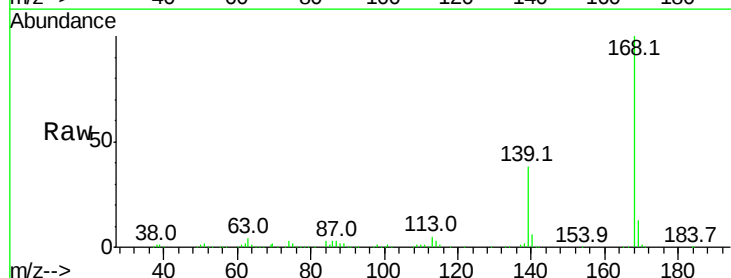


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

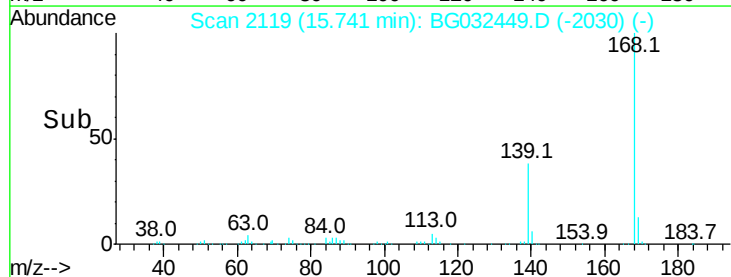
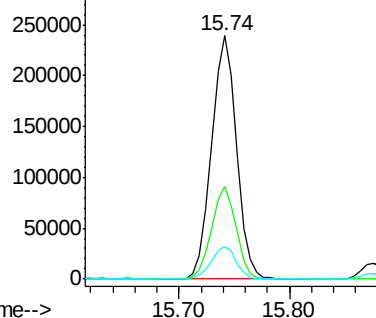


#54
 Dibenzofuran
 Concen: 47.718 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion:168 Resp: 380822
 Ion Ratio Lower Upper
 168 100
 139 38.1 28.6 43.0
 169 13.4 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: 100.829 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.02 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

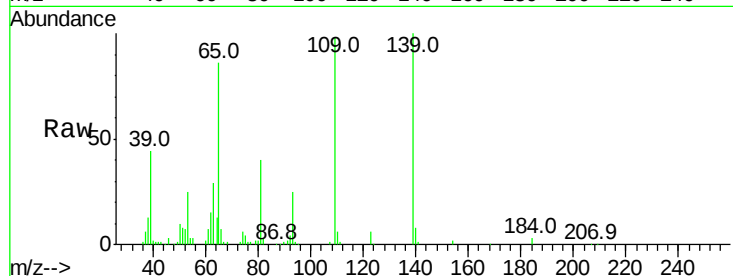
Tot Ion:139 Resp: 99101

Ion Ratio Lower Upper

139 100

109 97.5 62.2 102.2

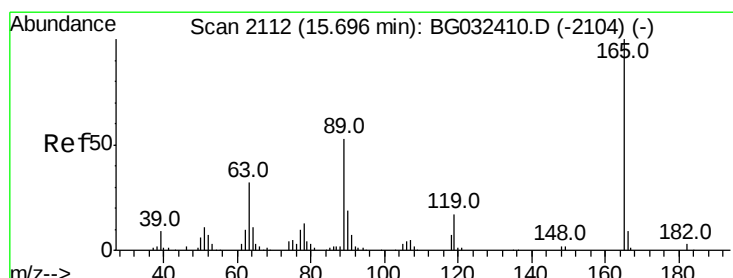
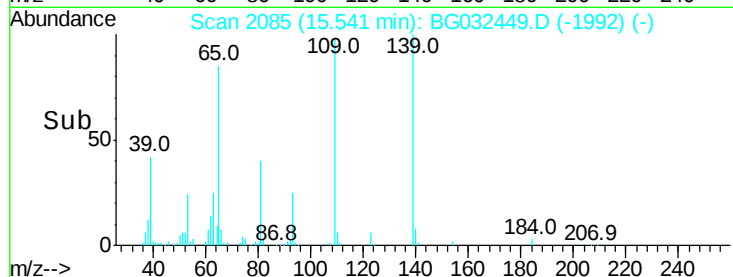
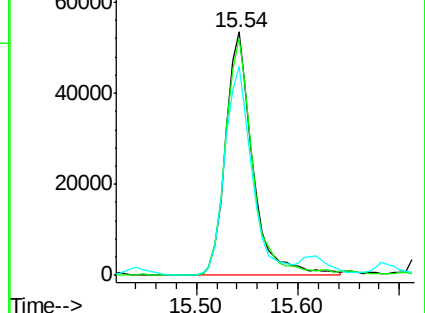
65 85.7 97.2 137.2#



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: 49.864 ng

RT: 15.69 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:165 Resp: 106711

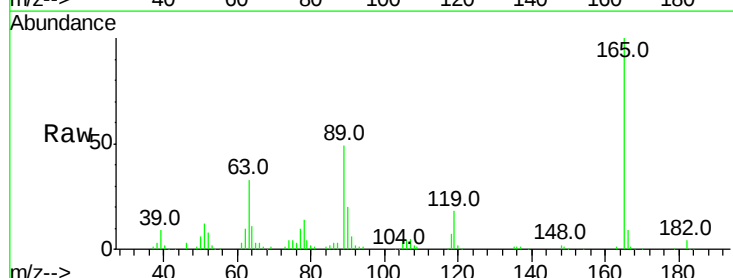
Ion Ratio Lower Upper

165 100

63 32.6 42.0 63.0#

89 49.2 66.9 100.3#

182 4.0 2.6 3.8#

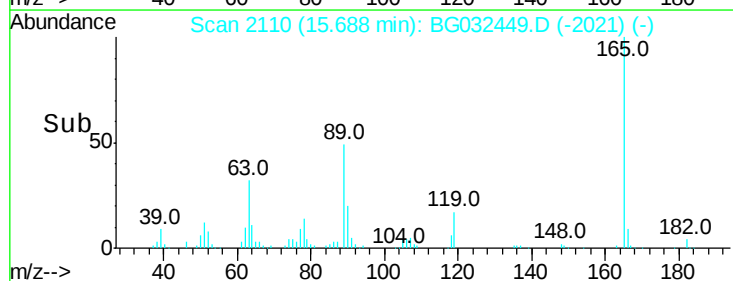
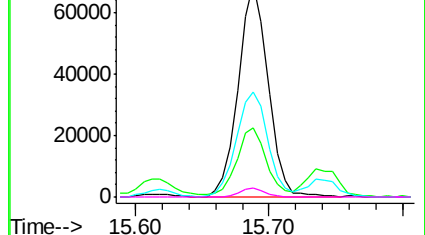


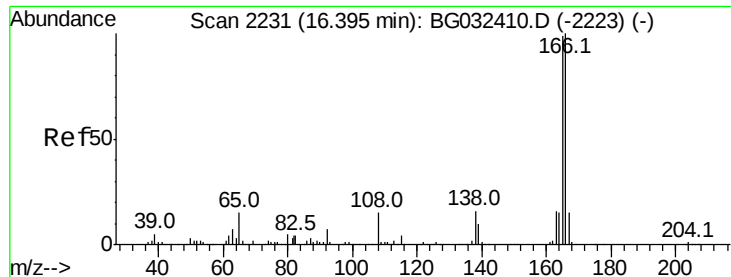
Abundance Ion 165.00 (164.70 to 165.70): E

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

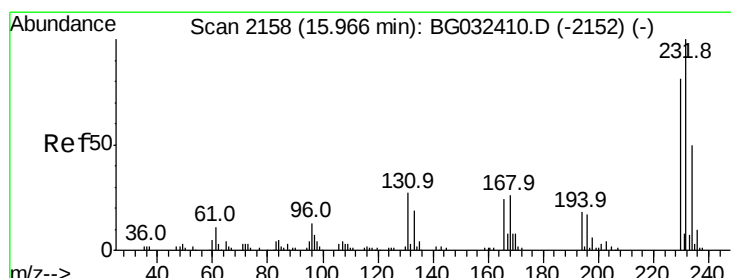
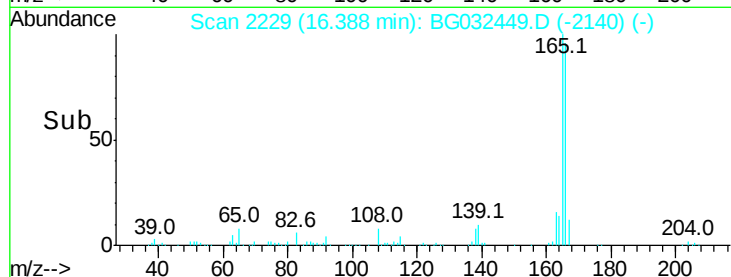
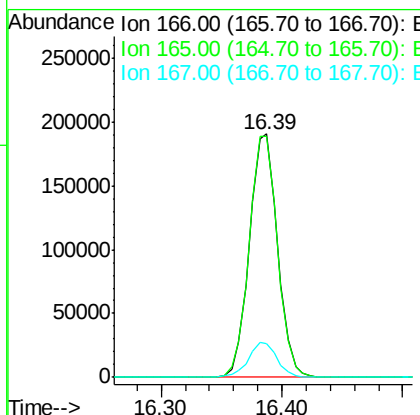
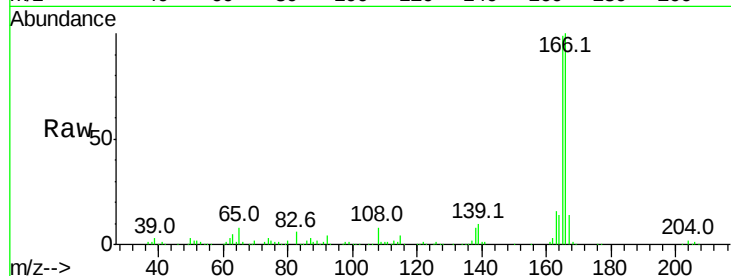




#57
 Fluorene
 Concen: 46.579 ng
 RT: 16.39 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

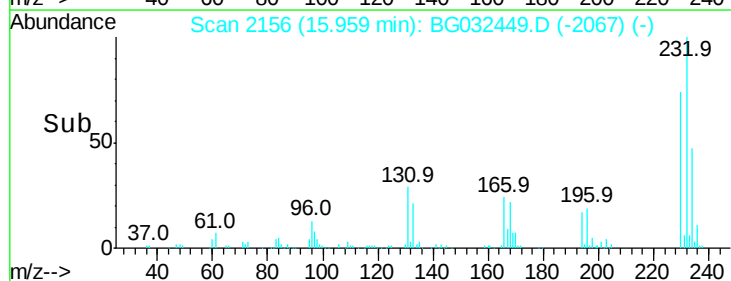
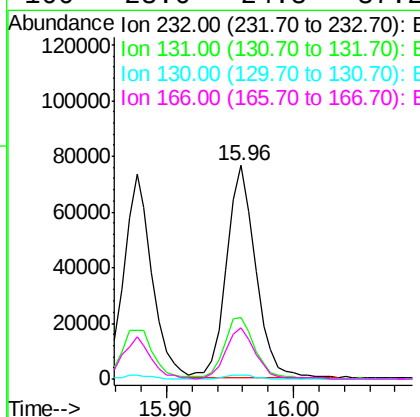
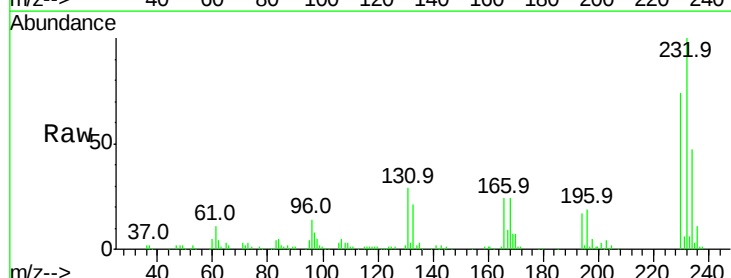
Instrument :
 BNA_G
 ClientSampleId :

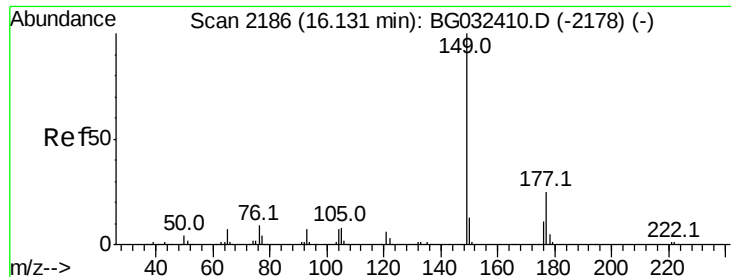
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.6	121.0
167	13.6	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.332 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	31.0	33.5	50.3#
130	2.1	2.2	3.2#
166	23.6	24.8	37.2#

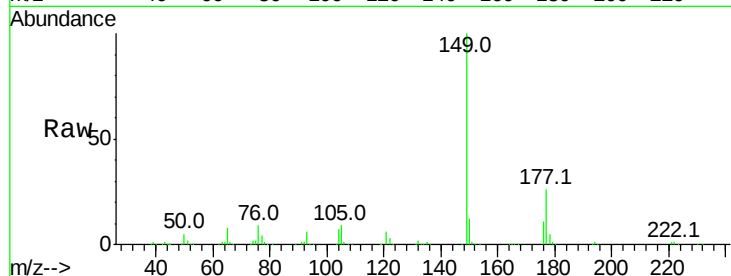




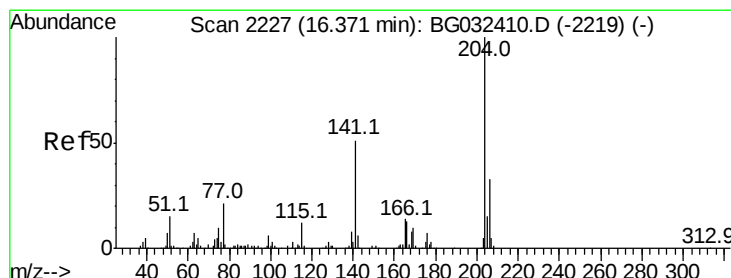
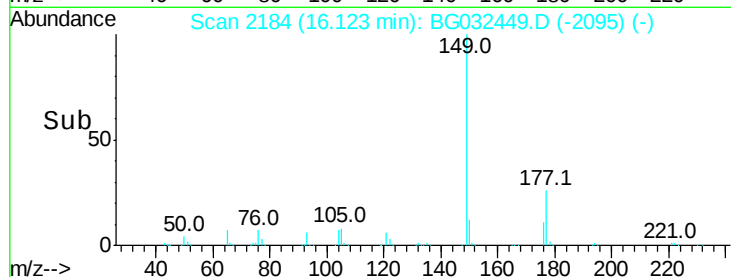
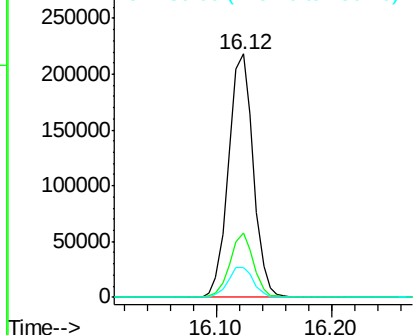
#59
Diethylphthalate
Concen: 46.255 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.4	18.5	27.7
150	12.5	10.2	15.2

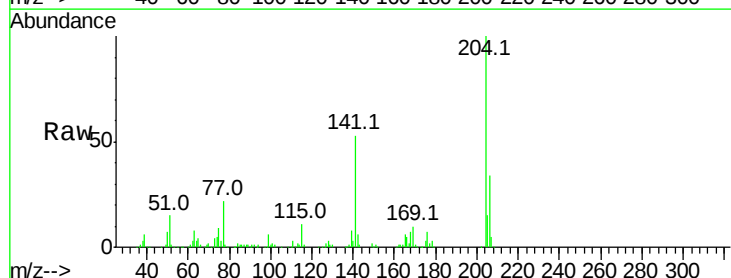


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

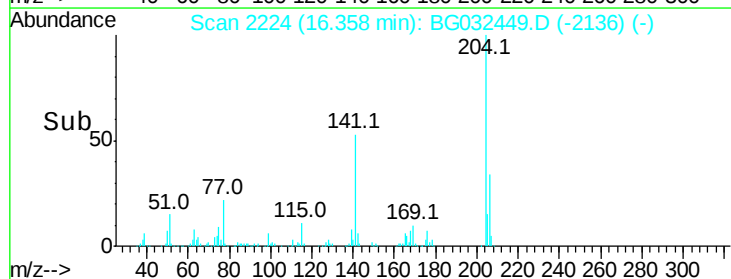
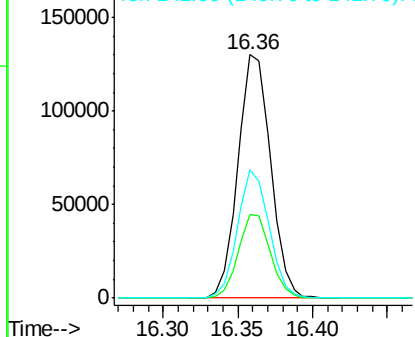


#60
4-Chlorophenyl-phenylether
Concen: 47.195 ng
RT: 16.36 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	52.6	45.8	68.6



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

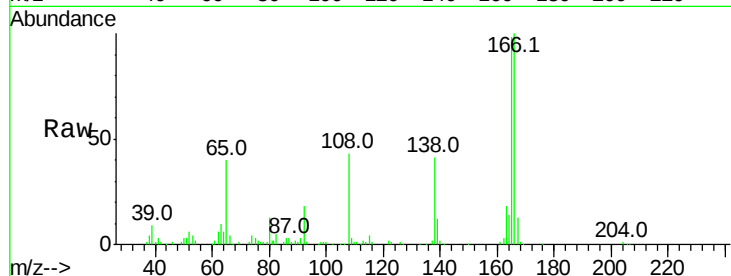




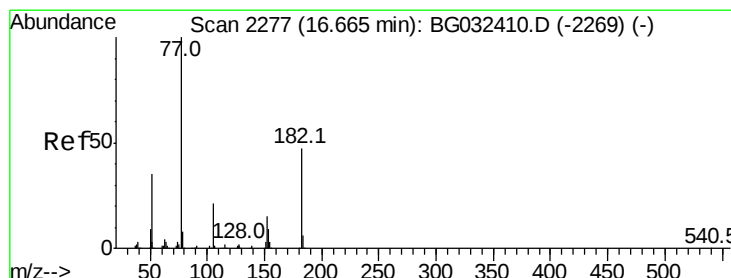
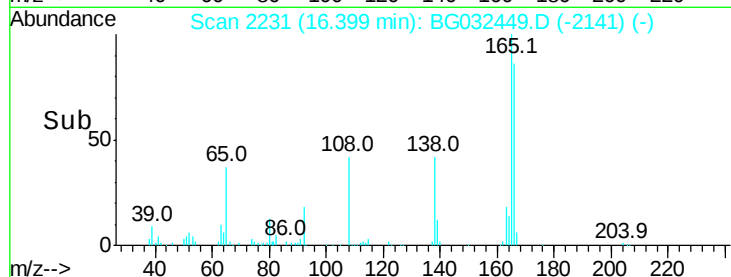
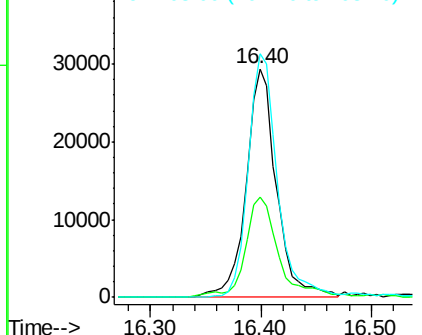
#61
4-Nitroaniline
Concen: 40.268 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 56663
Ion Ratio Lower Upper
138 100
92 43.7 40.1 80.1
108 106.5 65.4 105.4#

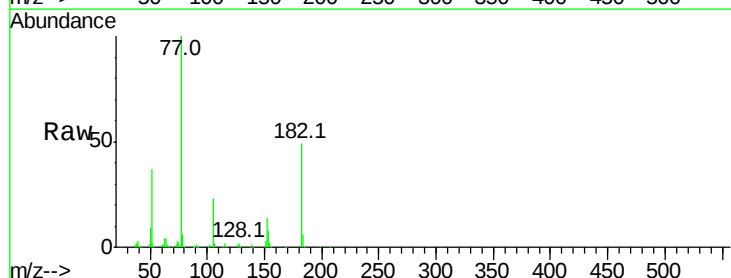


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

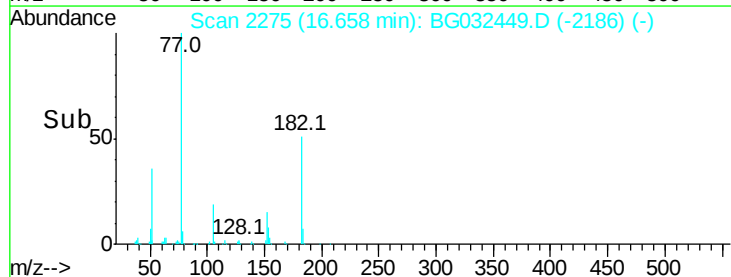
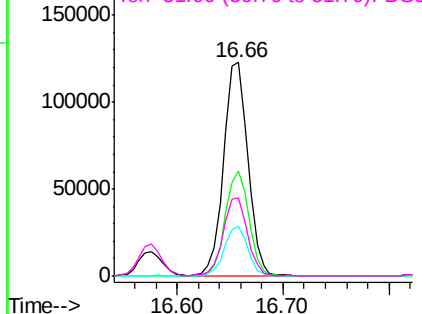


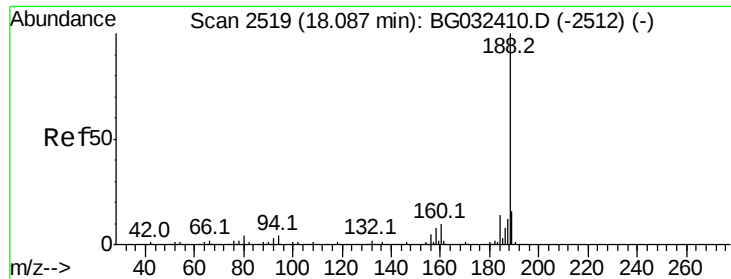
#62
Azobenzene
Concen: 47.233 ng
RT: 16.66 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion: 77 Resp: 196869
Ion Ratio Lower Upper
77 100
182 49.4 7.4 47.4#
105 23.4 0.3 40.3
51 36.7 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

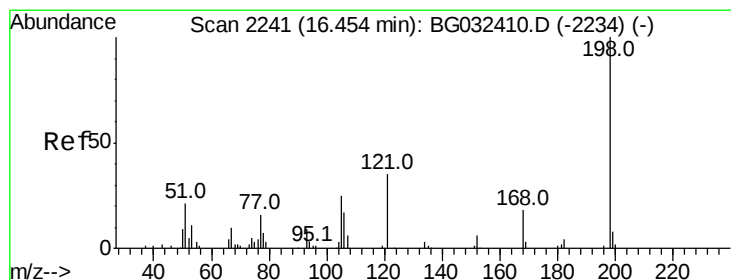
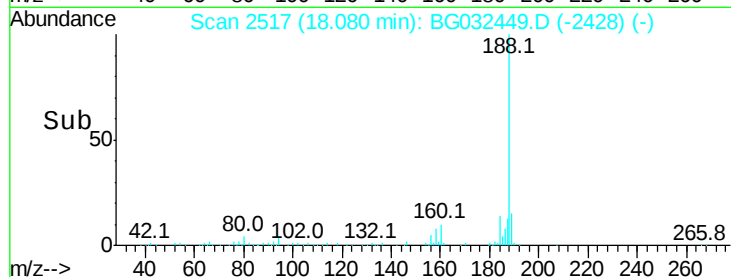
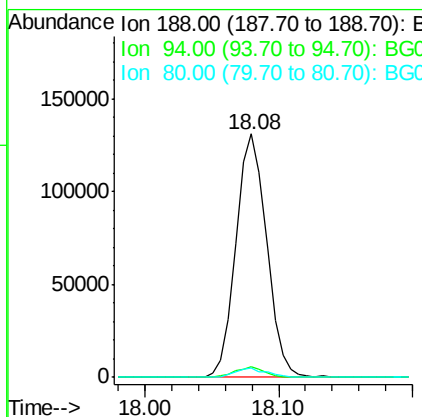
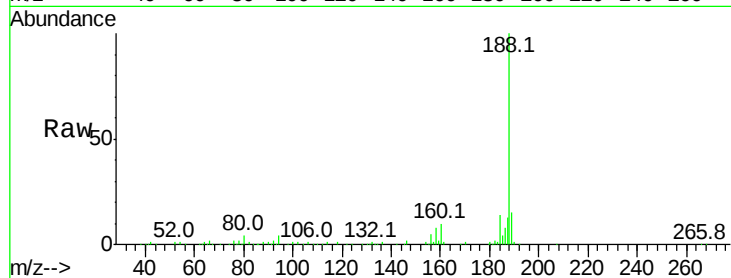




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

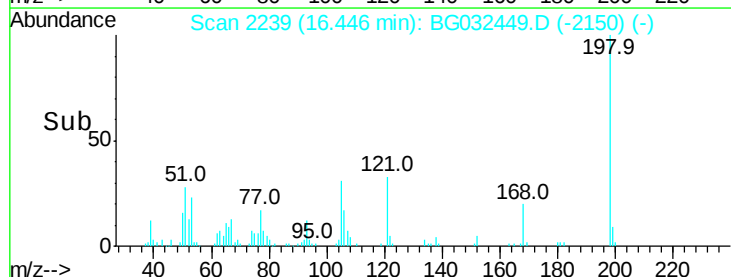
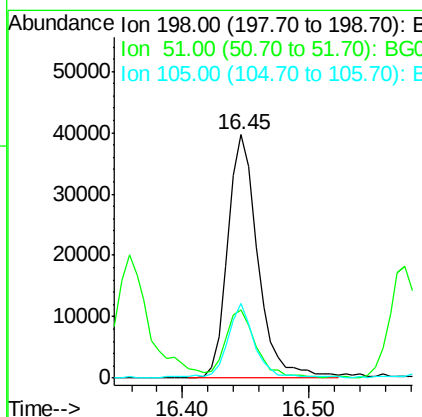
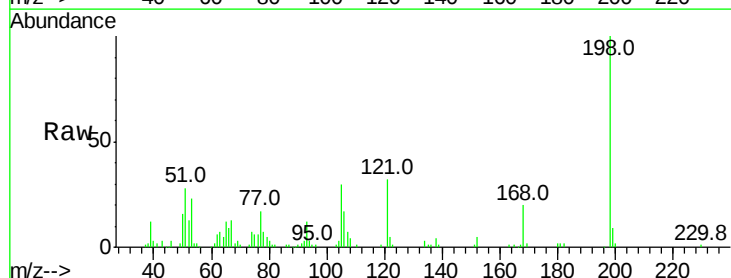
Instrument :
BNA_G
ClientSampleId :

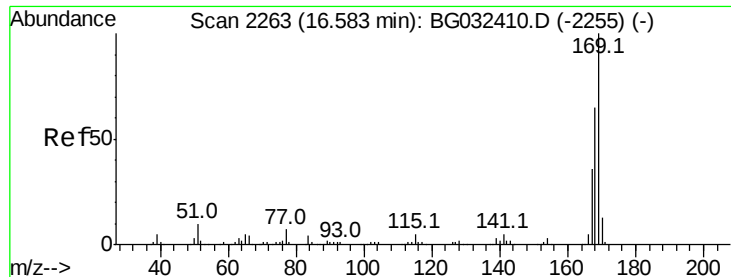
Tot Ion:188 Resp: 208695
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.801 ng
RT: 16.45 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion:198 Resp: 65172
Ion Ratio Lower Upper
198 100
51 27.9 30.6 70.6#
105 30.5 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 46.712 ng

RT: 16.58 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampled :

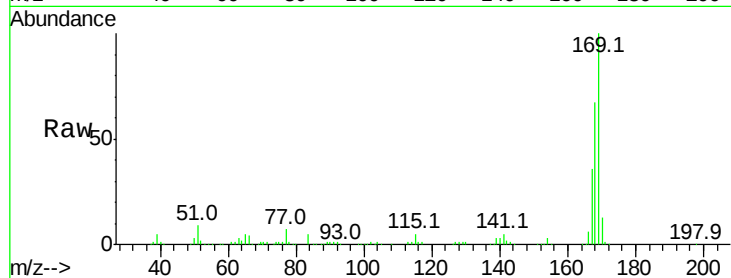
Tot Ion:169 Resp: 290931

Ion Ratio Lower Upper

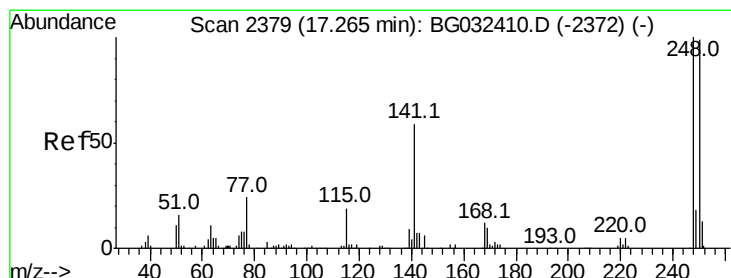
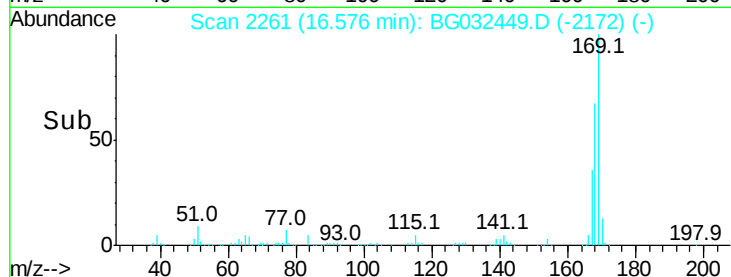
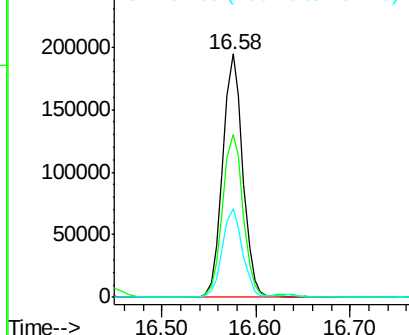
169 100

168 67.0 55.7 83.5

167 36.4 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: 47.096 ng

RT: 17.25 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

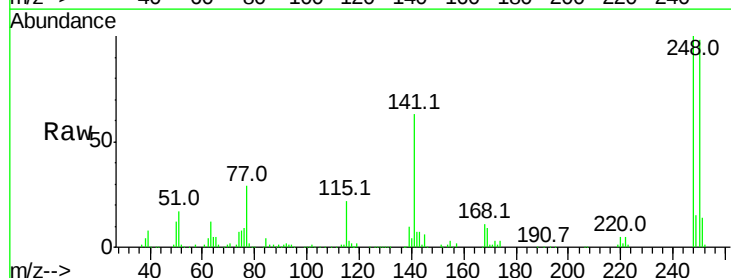
Tgt Ion:248 Resp: 145612

Ion Ratio Lower Upper

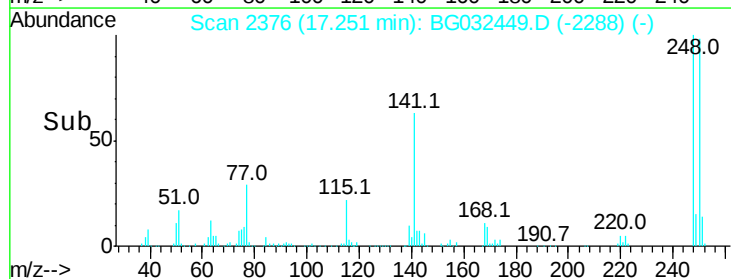
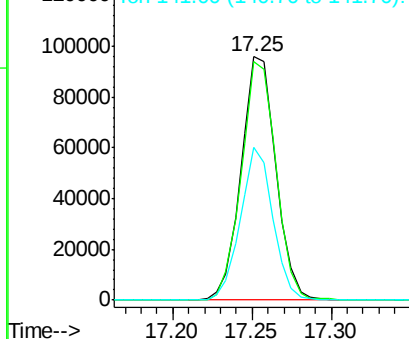
248 100

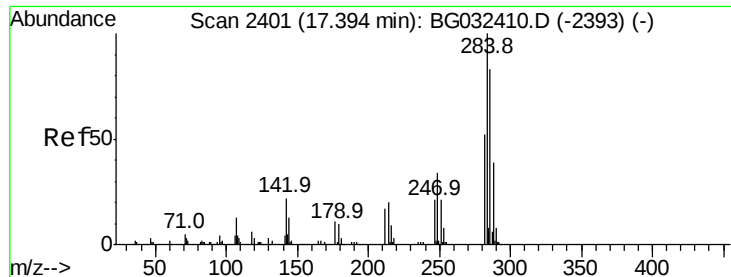
250 98.2 77.1 115.7

141 62.8 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: 45.278 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampled :

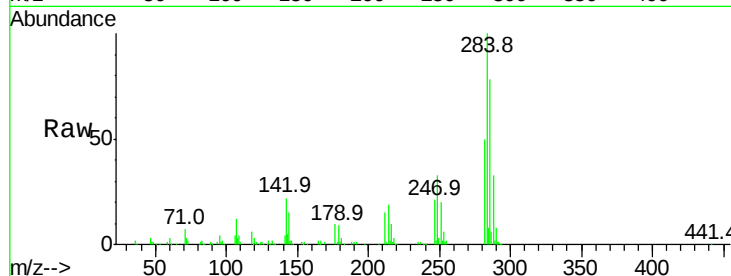
Tot Ion:284 Resp: 154921

Ion Ratio Lower Upper

284 100

142 21.9 26.8 40.2#

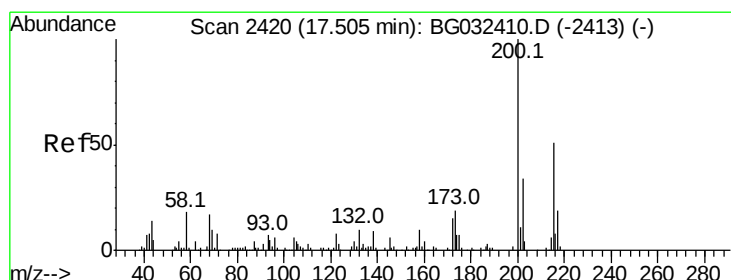
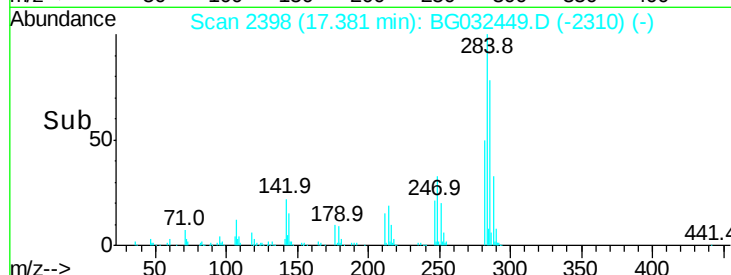
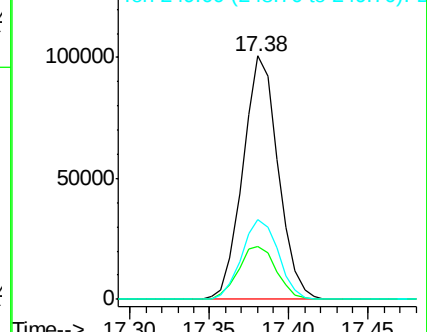
249 33.0 26.3 39.5



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: 49.857 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

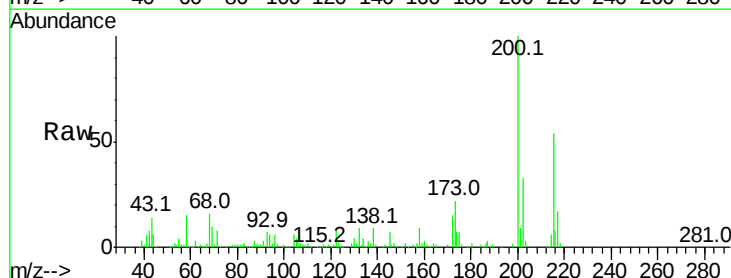
Tgt Ion:200 Resp: 133299

Ion Ratio Lower Upper

200 100

173 21.7 5.2 45.2

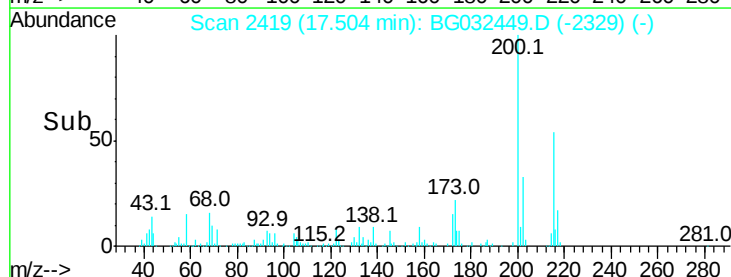
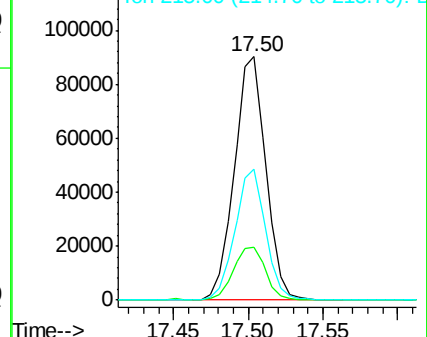
215 53.9 30.4 70.4

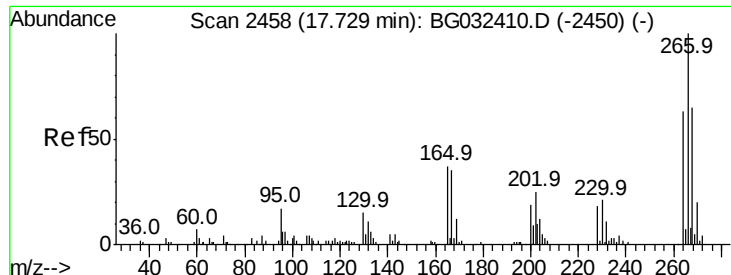


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

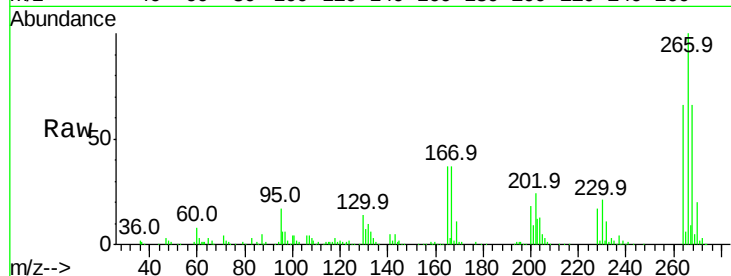




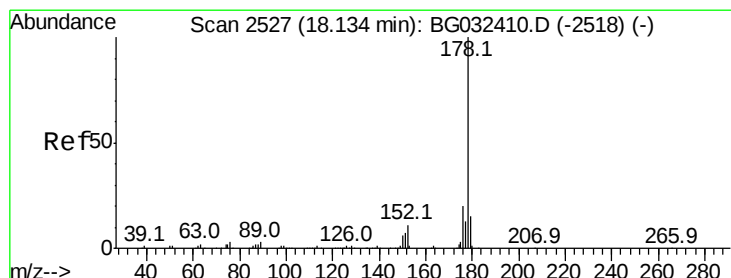
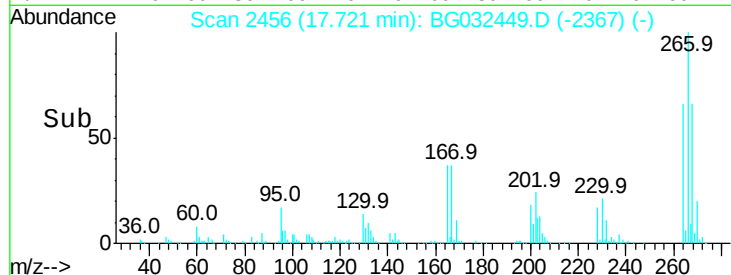
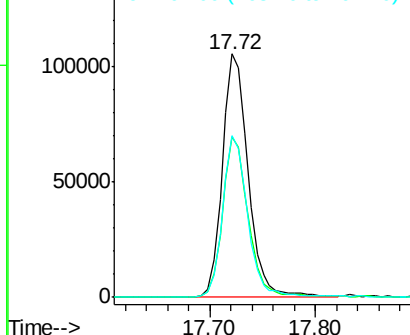
#69
 Pentachlorophenol
 Concen: 83.509 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	66.3	49.6	74.4

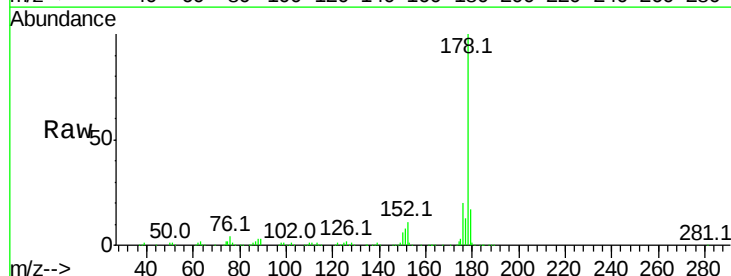


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

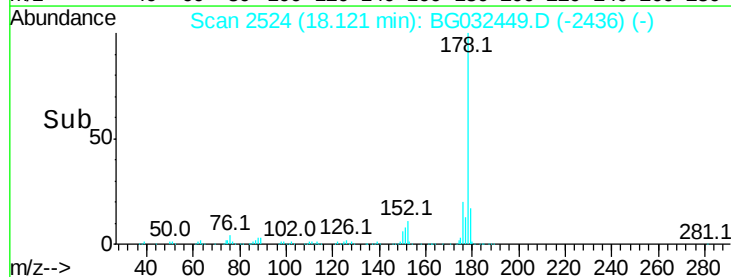
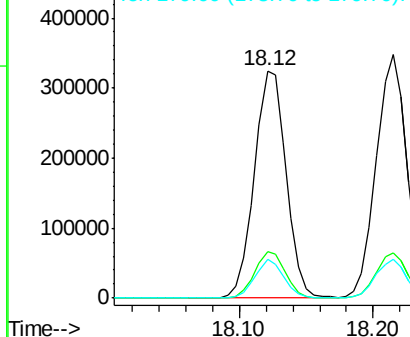


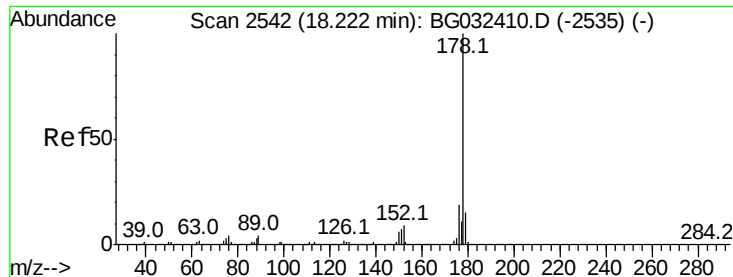
#70
 Phenanthrene
 Concen: 45.607 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.9	12.5	18.7



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

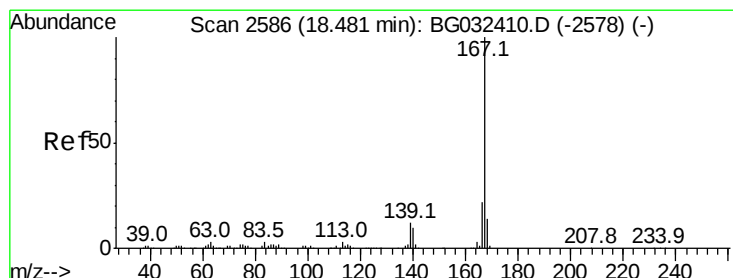
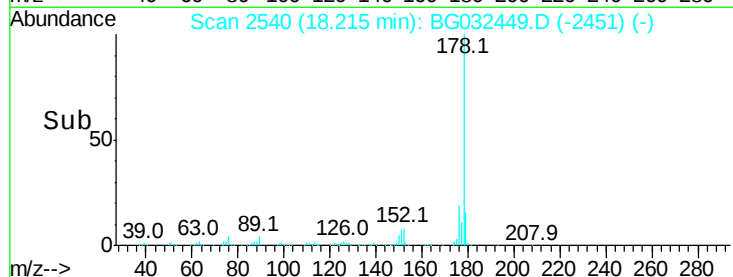
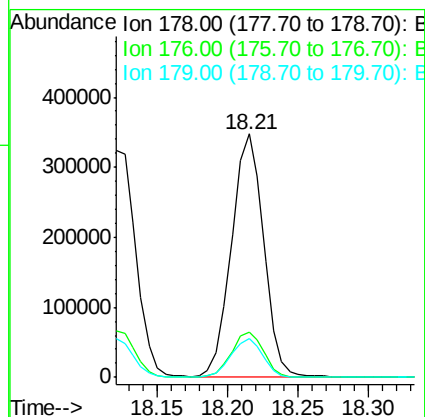
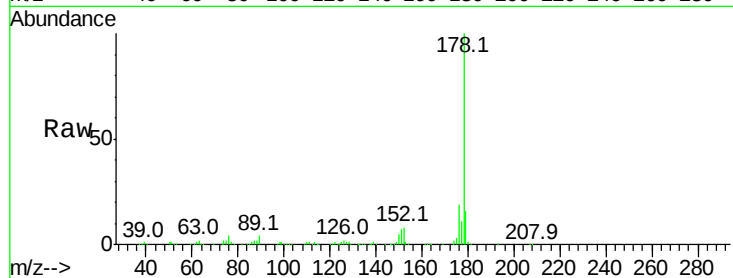




#71
 Anthracene
 Concen: 47.457 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

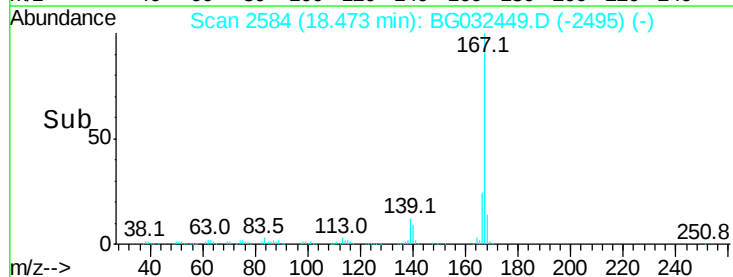
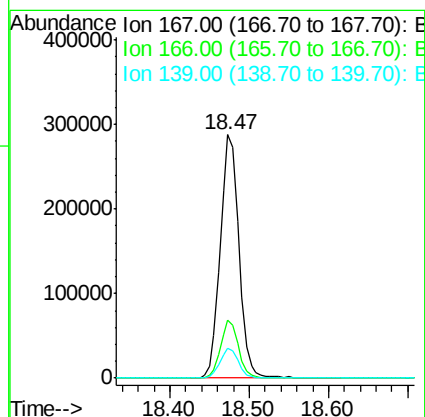
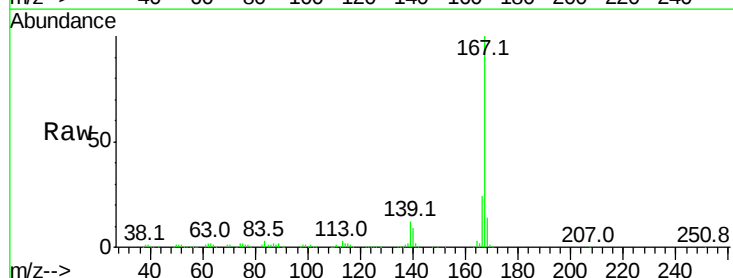
Instrument :
 BNA_G
 ClientSampleId :

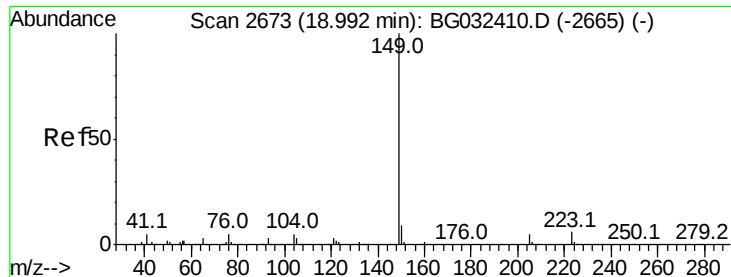
Tot Ion:178 Resp: 549954
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 46.039 ng
 RT: 18.47 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion:167 Resp: 471388
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.2 27.4
 139 12.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 48.069 ng

RT: 18.98 min Scan# 2670

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampled :

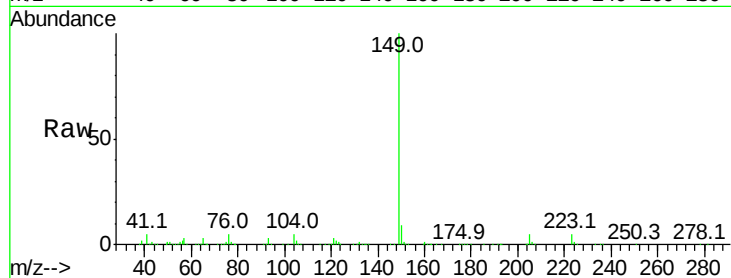
Tot Ion:149 Resp: 544924

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

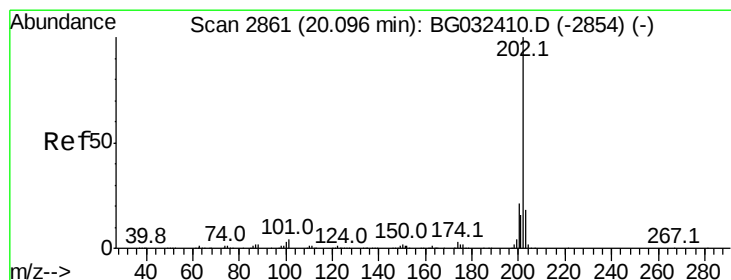
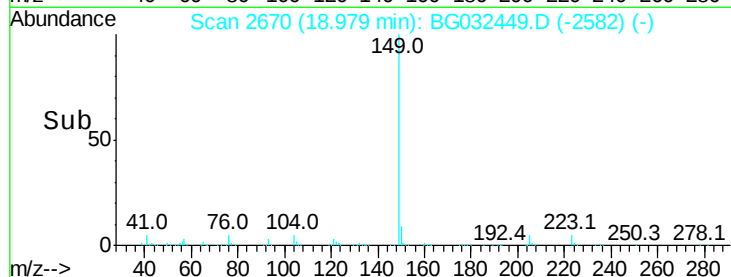
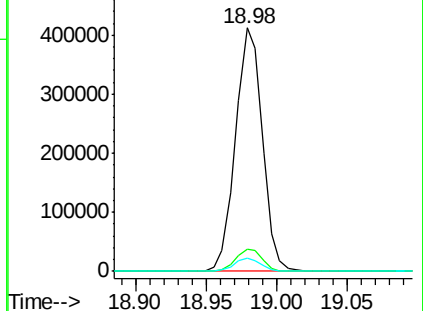
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.068 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

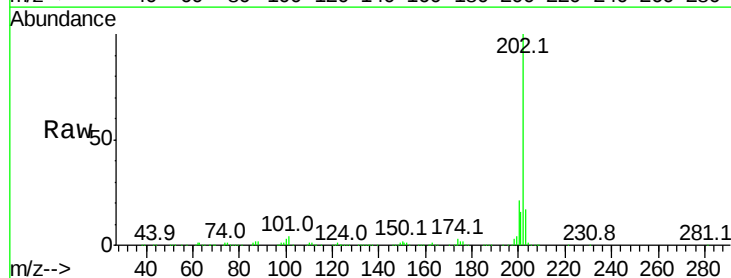
Tgt Ion:202 Resp: 718393

Ion Ratio Lower Upper

202 100

101 4.1 0.0 28.9

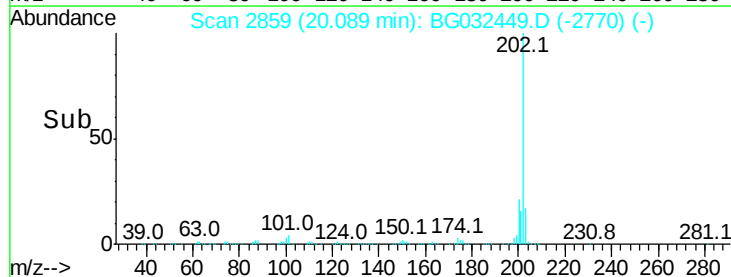
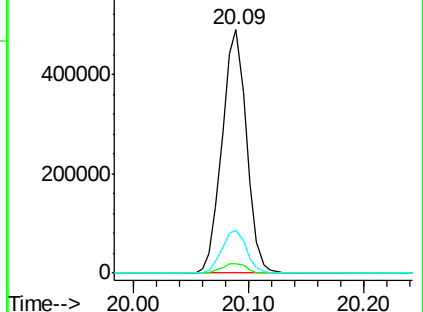
203 17.5 0.0 37.5

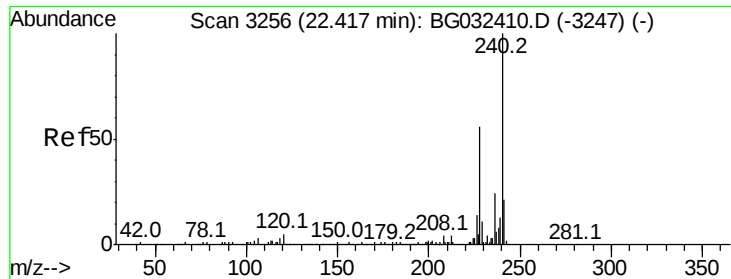


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

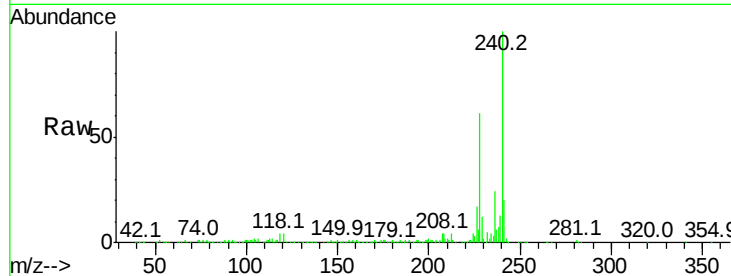
Tot Ion:240 Resp: 261901

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

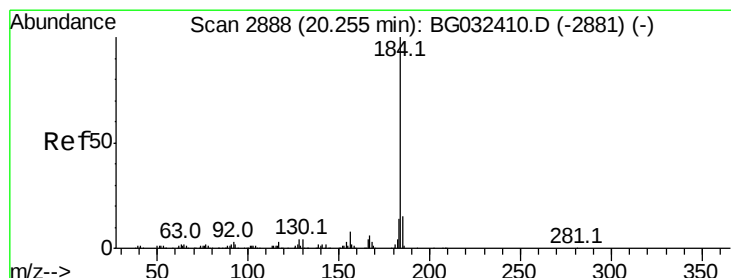
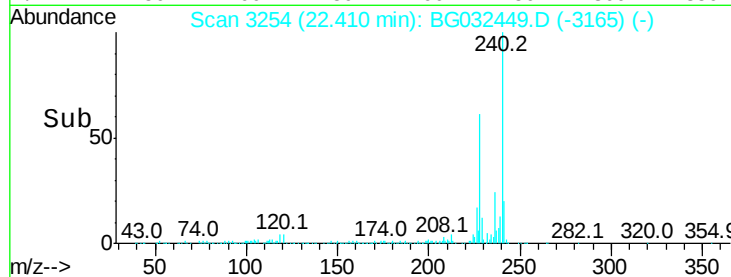
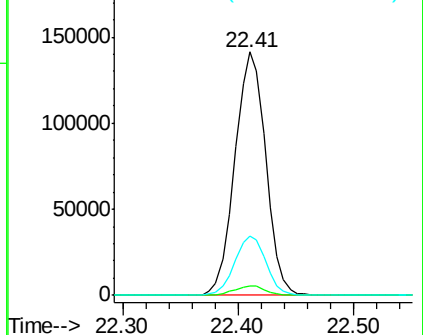
236 24.4 20.9 31.3



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: 39.351 ng

RT: 20.25 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

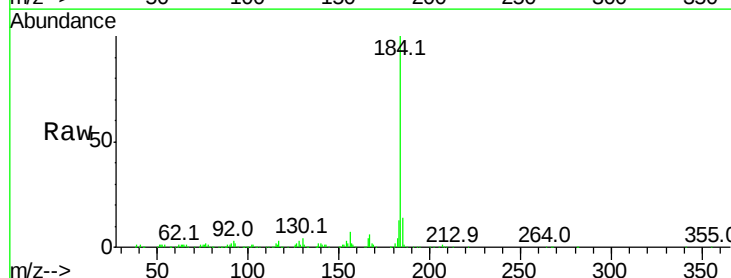
Tgt Ion:184 Resp: 202371

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

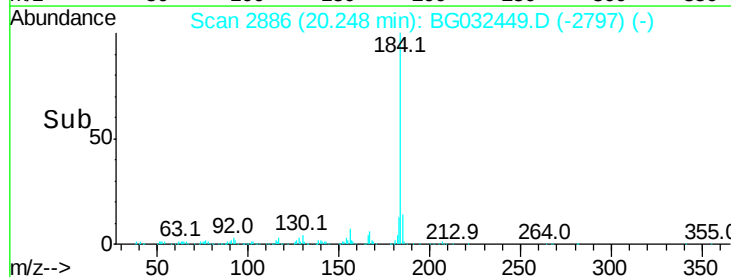
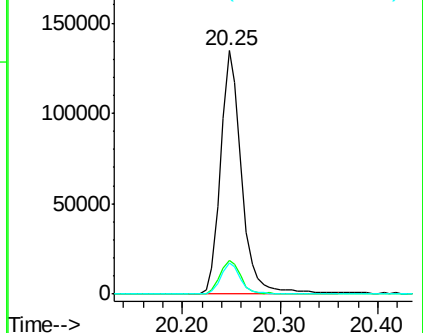
183 12.9 10.6 16.0

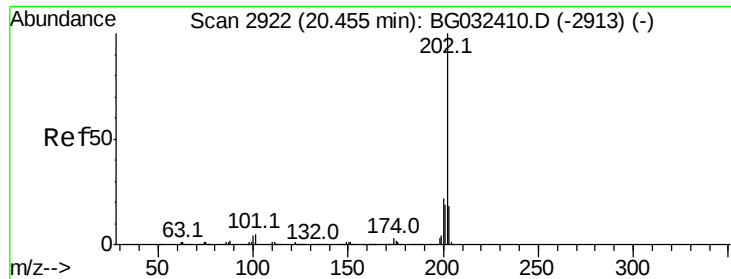


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

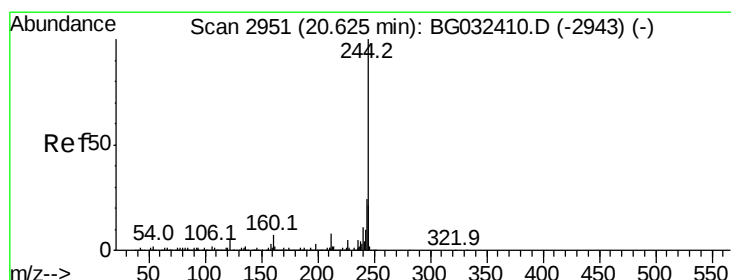
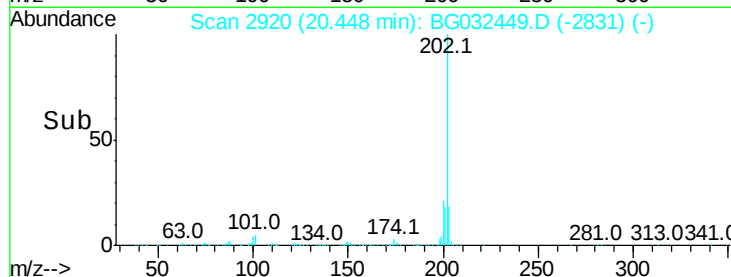
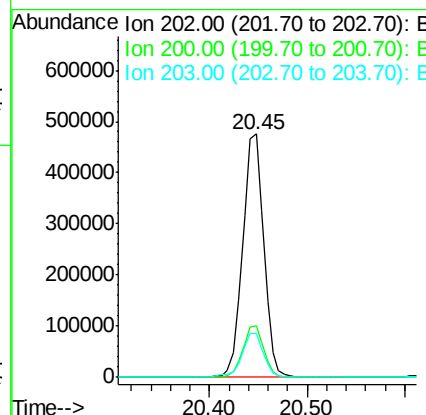
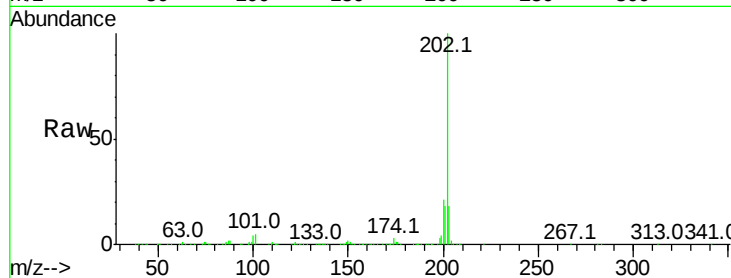




#77
Pvrene
Concen: 44.615 ng
RT: 20.45 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

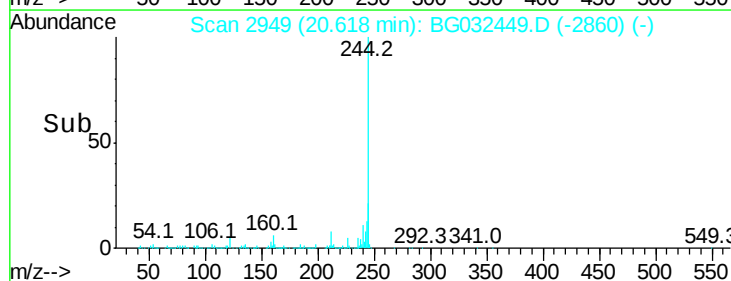
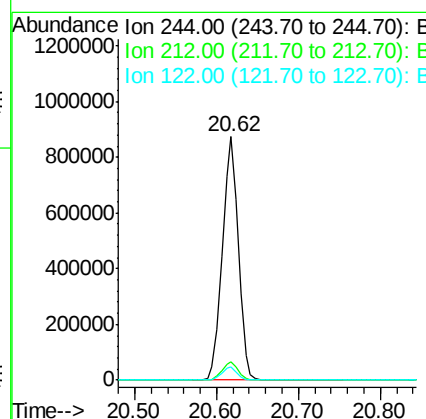
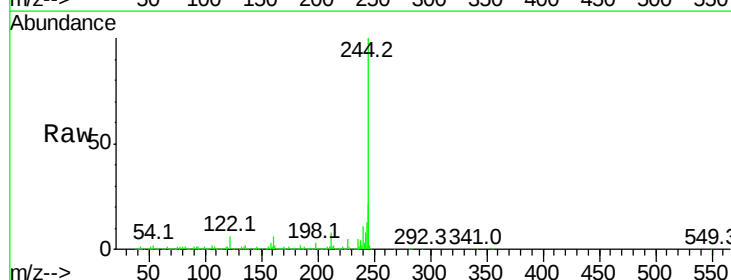
Instrument :
BNA_G
ClientSampleId :

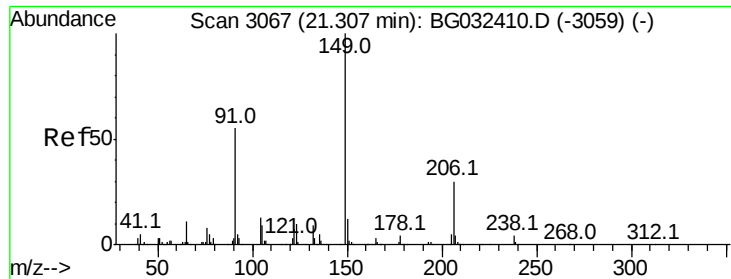
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.1	13.9	20.9



#78
Terphenyl-d14
Concen: 97.389 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.6	7.0	10.4#

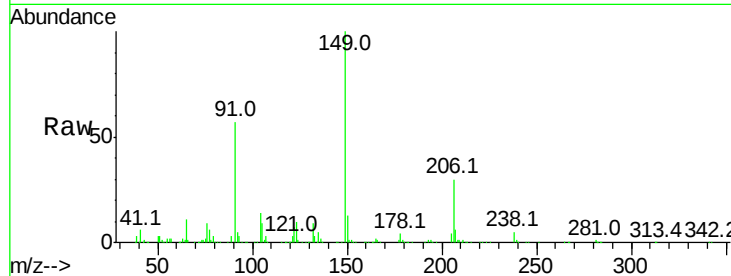




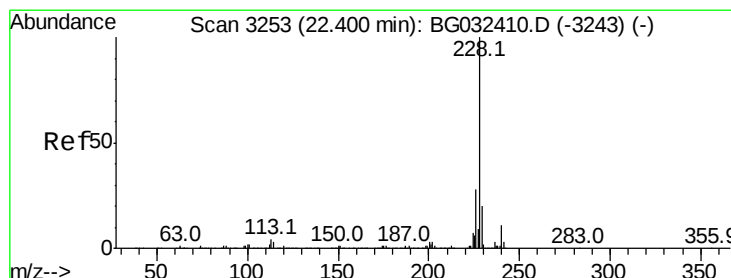
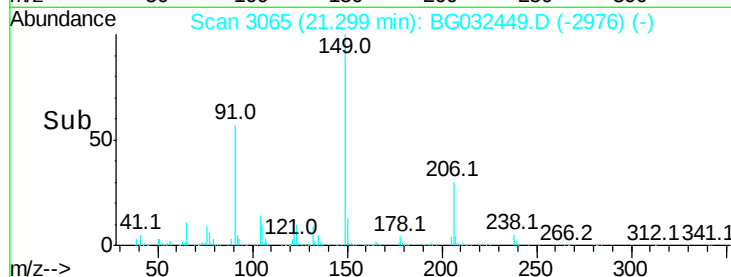
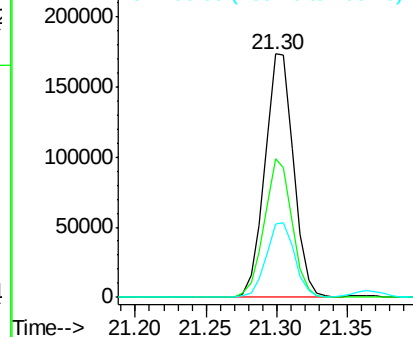
#79
Butylbenzylphthalate
Concen: 49.020 ng
RT: 21.30 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 248374
Ion Ratio Lower Upper
149 100
91 57.1 62.2 93.2#
206 30.0 18.6 27.8#

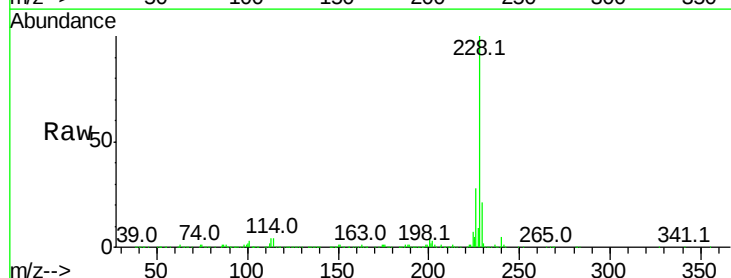


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

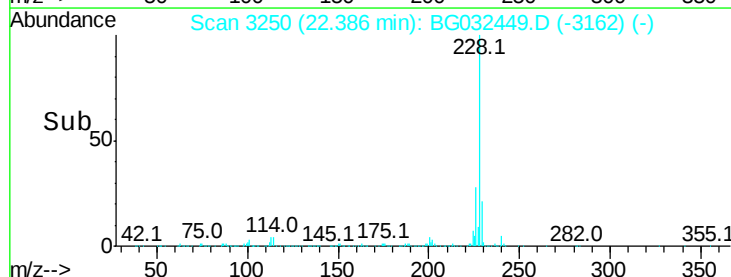
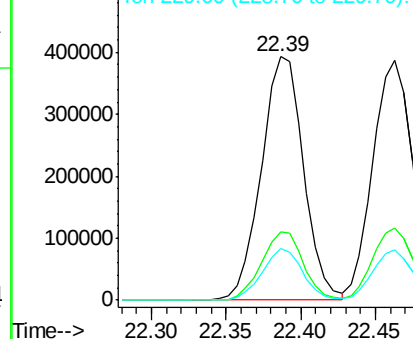


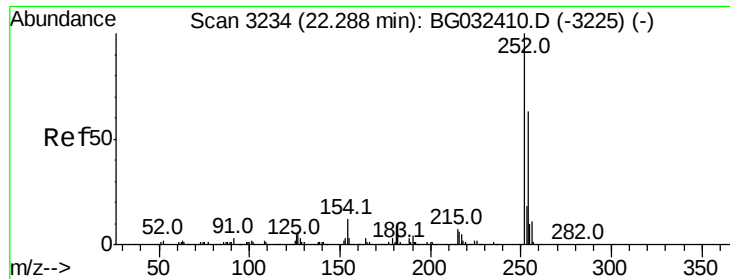
#80
Benzo(a)anthracene
Concen: 47.423 ng
RT: 22.39 min Scan# 3250
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion:228 Resp: 769982
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 21.3 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

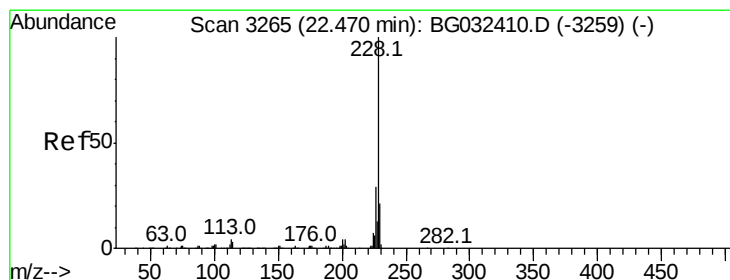
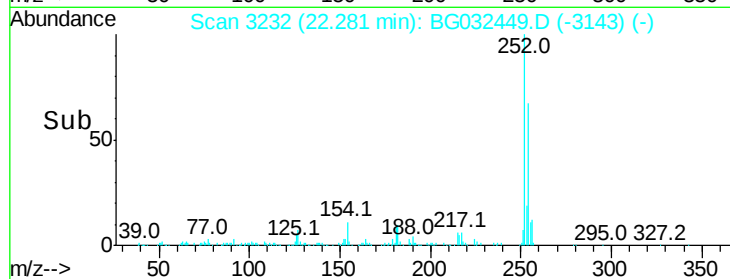
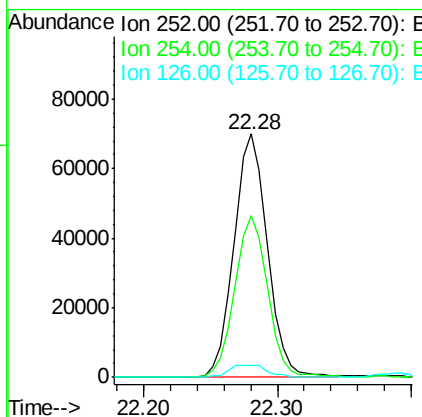
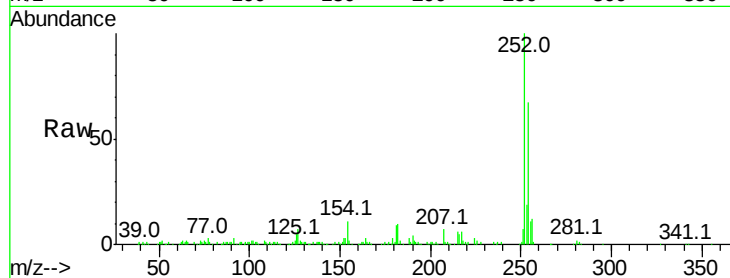




#81
 3,3'-Dichlorobenzidine
 Concen: 19.321 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

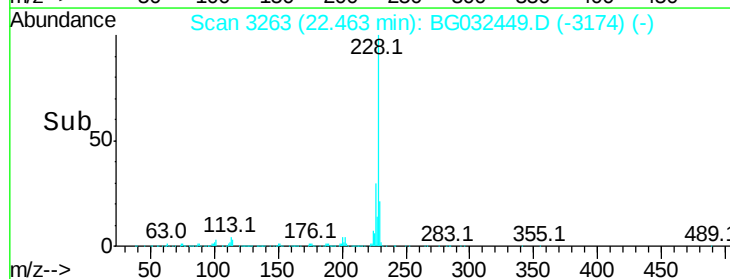
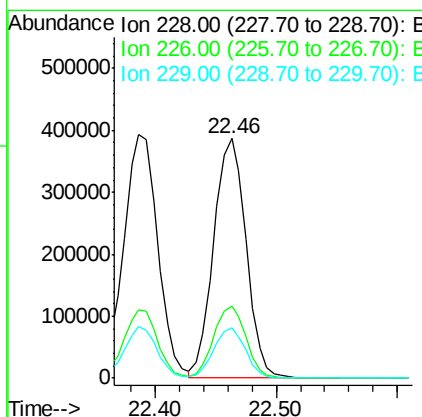
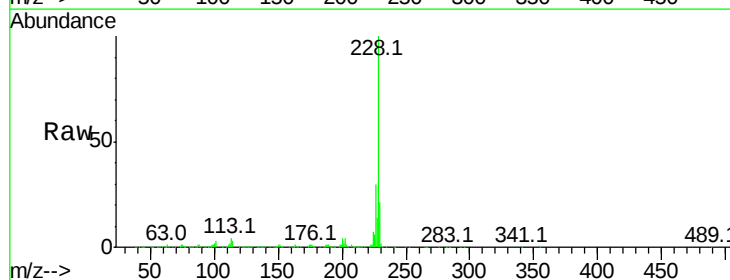
Instrument :
 BNA_G
 ClientSampleId :

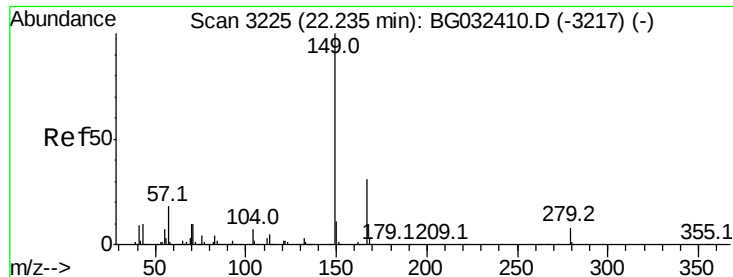
Tot Ion:252 Resp: 121540
 Ion Ratio Lower Upper
 252 100
 254 66.7 50.8 76.2
 126 5.0 7.4 11.2#



#82
 Chrysene
 Concen: 45.513 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion:228 Resp: 713640
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 21.0 15.0 22.4

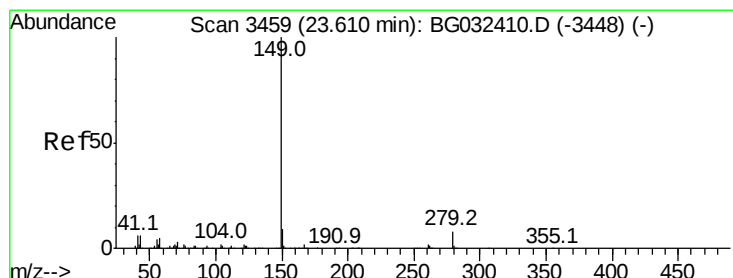
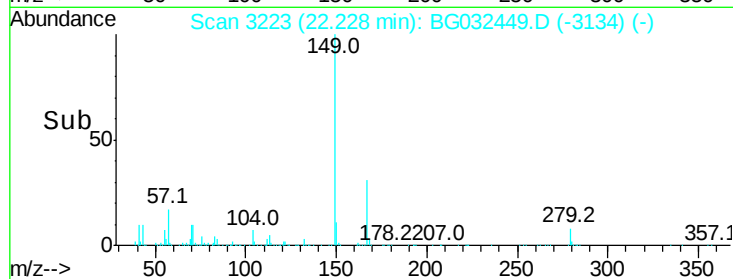
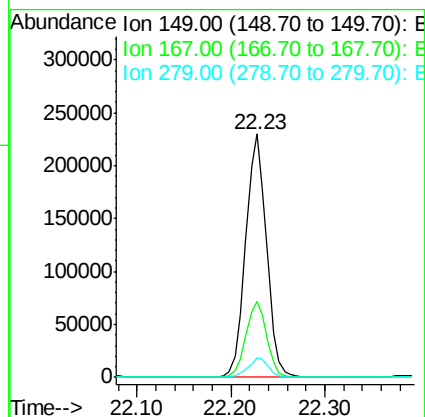
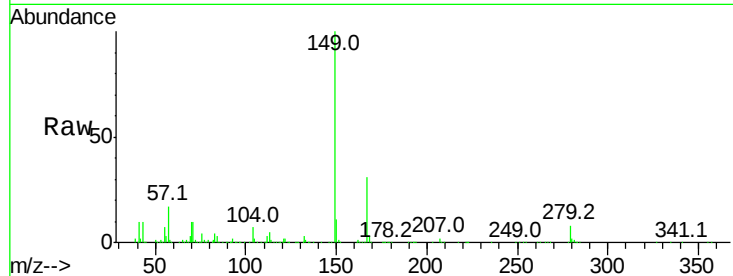




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.031 ng
 RT: 22.23 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

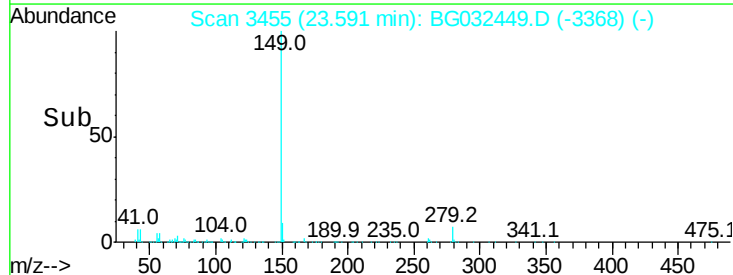
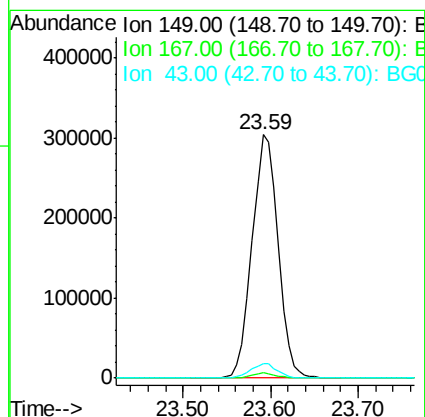
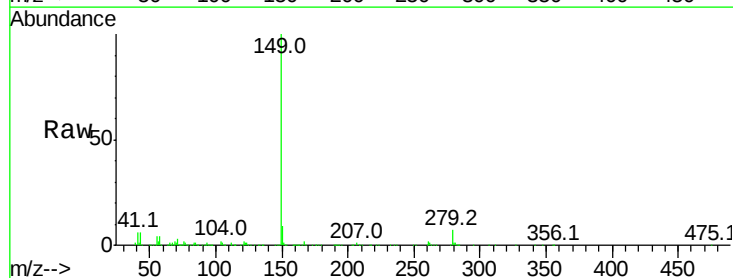
Instrument :
 BNA_G
 ClientSampleId :

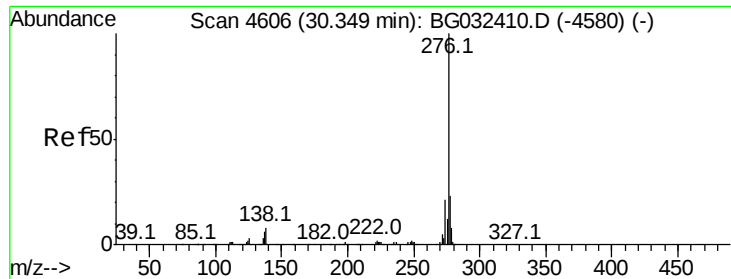
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	8.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 53.745 ng
 RT: 23.59 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	5.8	8.9	13.3

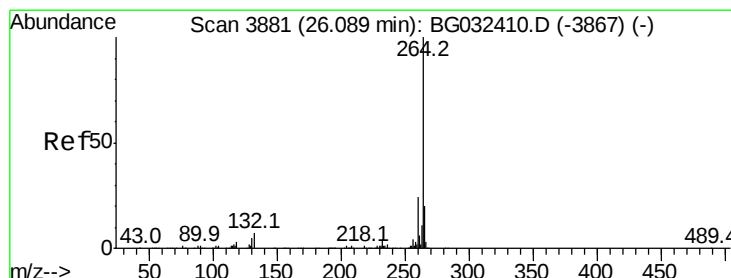
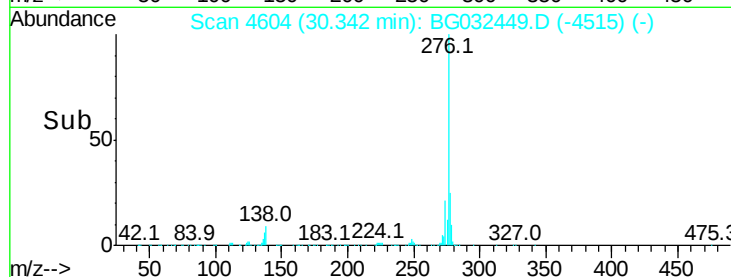
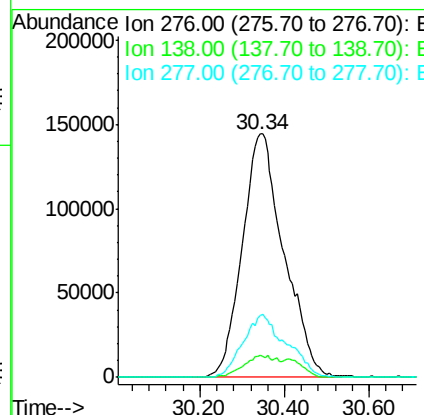
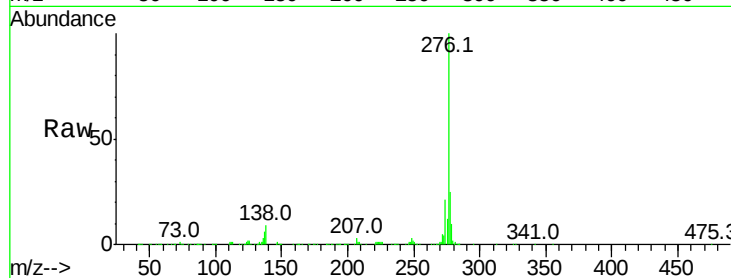




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.652 ng
 RT: 30.34 min Scan# 4604
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

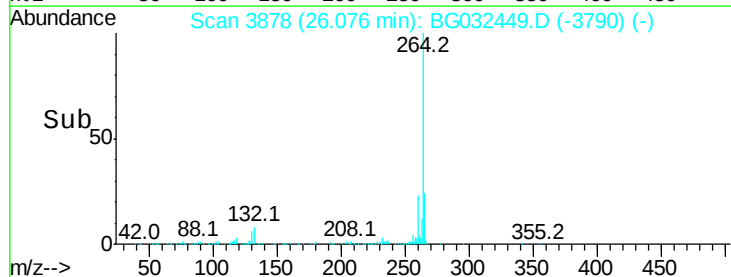
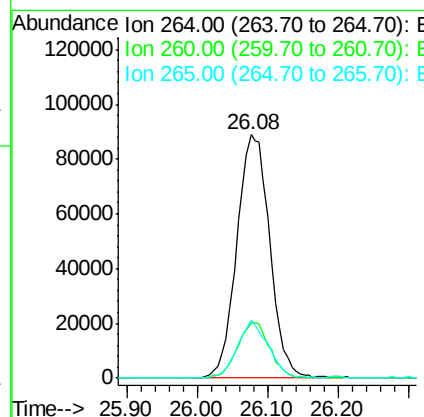
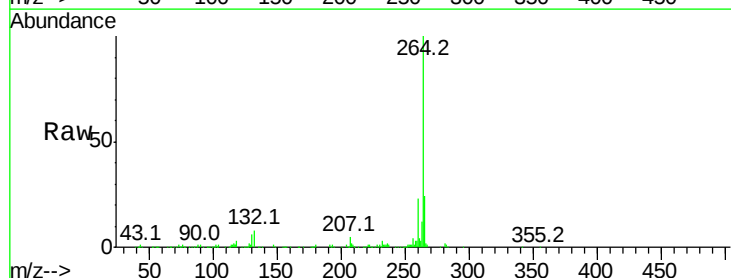
Instrument :
 BNA_G
 ClientSampleId :

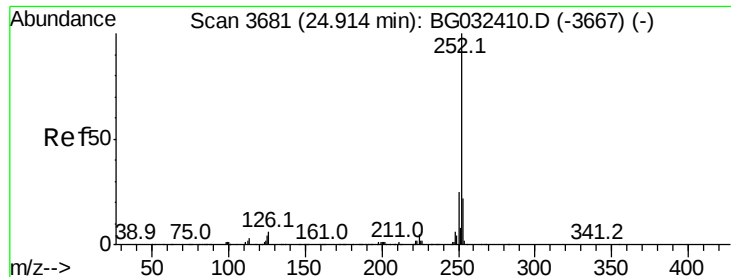
Tot Ion	Ratio	Lower	Upper
276	100		
138	7.4	16.0	24.0#
277	26.8	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3878
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	23.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 46.877 ng

RT: 24.91 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

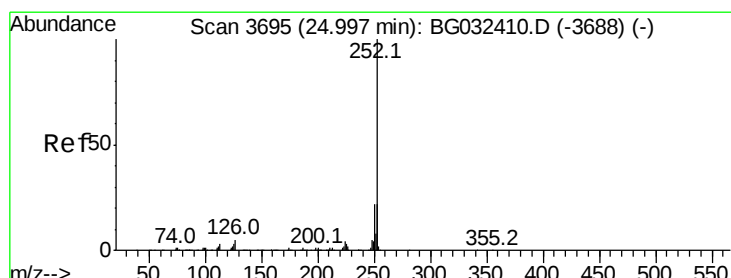
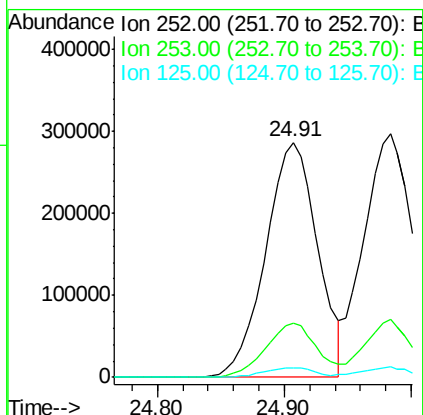
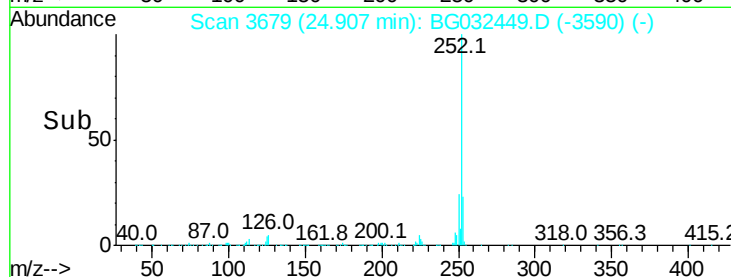
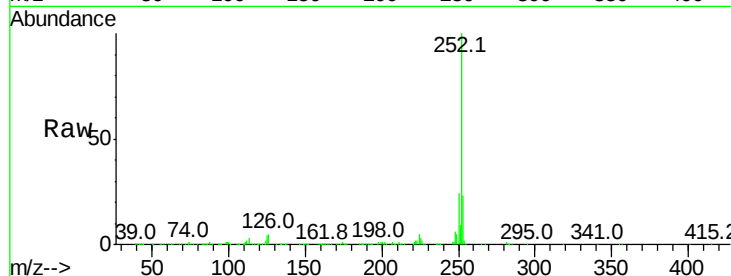
Tot Ion:252 Resp: 815104

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

125 4.1 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 46.536 ng

RT: 24.98 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

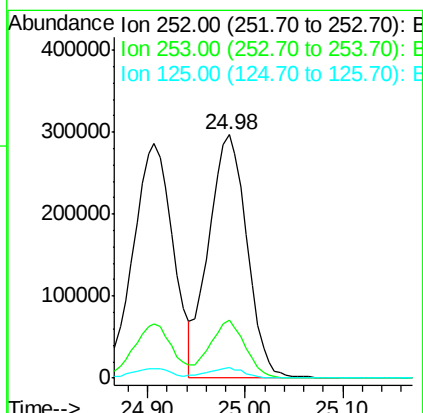
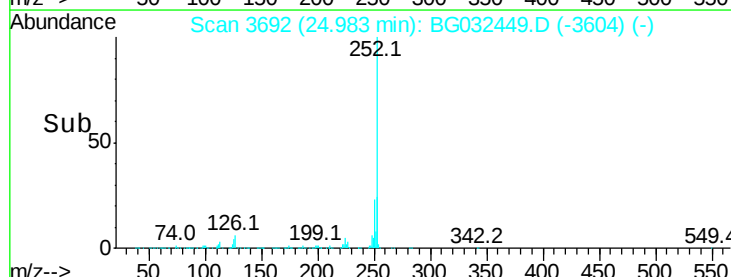
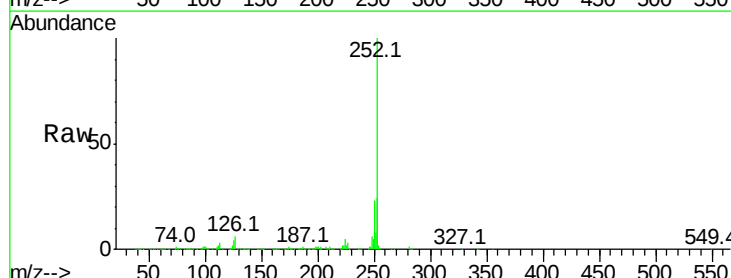
Tgt Ion:252 Resp: 801595

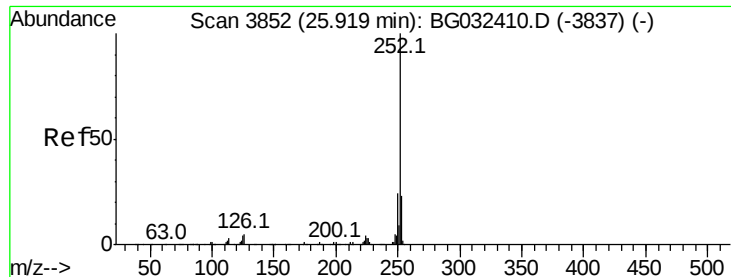
Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

125 4.3 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 48.615 ng

RT: 25.91 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

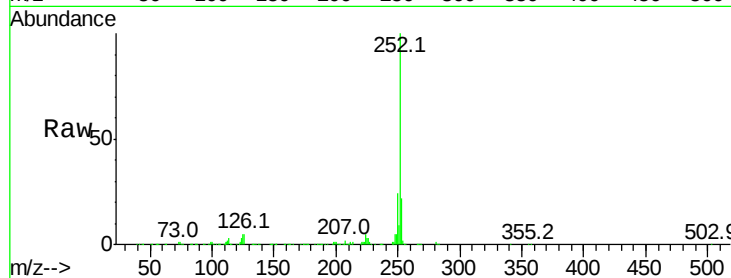
Tot Ion:252 Resp: 805898

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

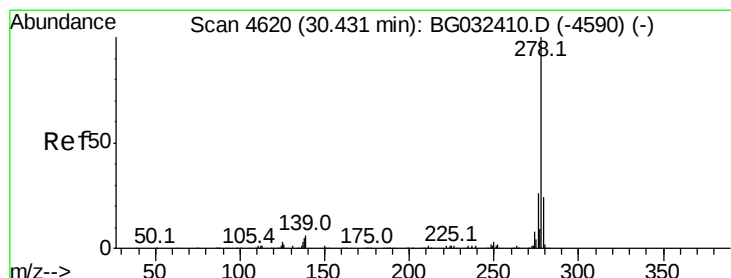
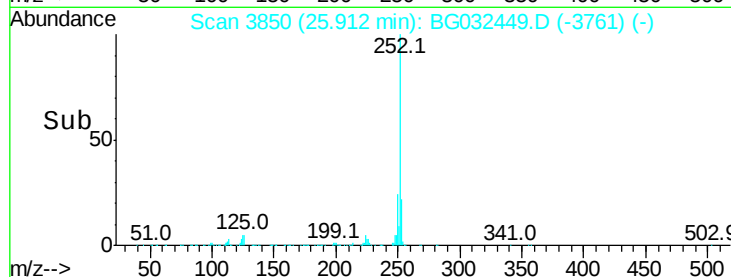
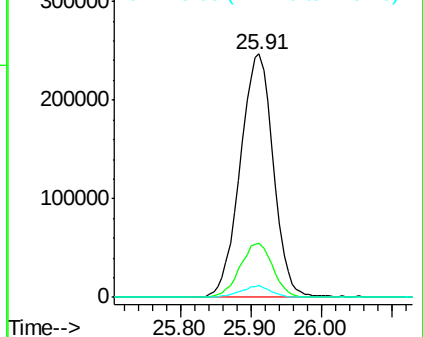
125 4.7 7.3 10.9#



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: 48.497 ng

RT: 30.42 min Scan# 4617

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

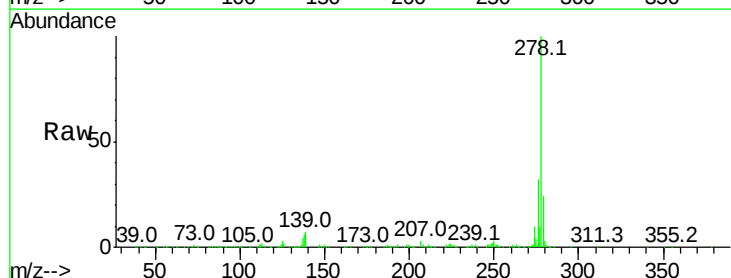
Tgt Ion:278 Resp: 822411

Ion Ratio Lower Upper

278 100

139 6.8 9.8 14.6#

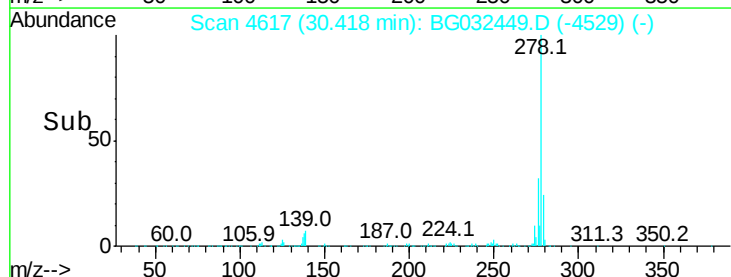
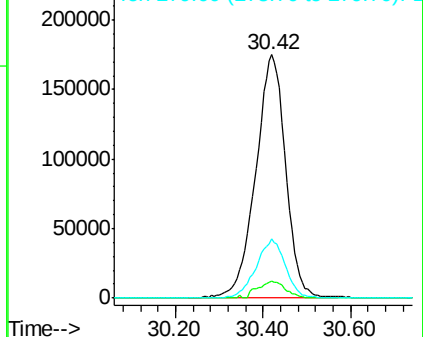
279 24.2 18.4 27.6

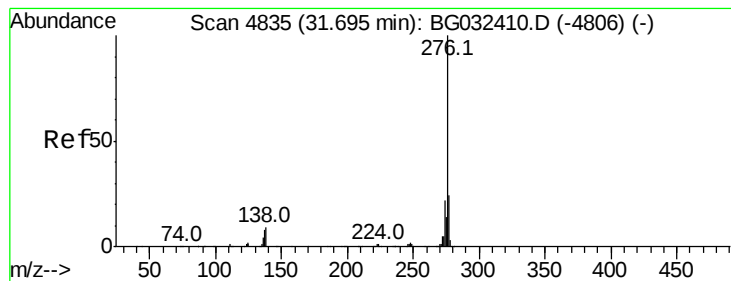


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

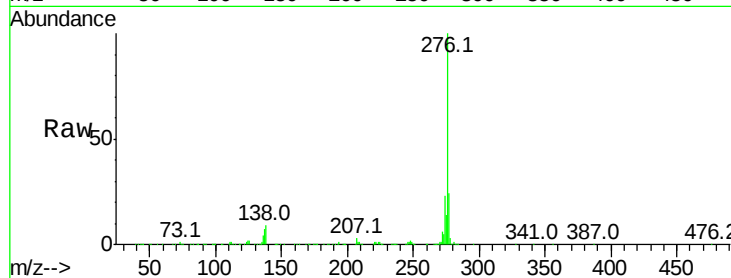




#91
 Benzo(a,h,i)perylene
 Concen: 48.949 ng
 RT: 31.69 min Scan# 4833
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.3	27.5
138	9.1	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

