

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031539.D
 Acq On : 13 Dec 2017 22:14
 Operator : SJ/JU
 Sample : I6676-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 00:30:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51662	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	220916	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	162736	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	471994	20.00	ng	0.00
75) Chrysene-d12	21.75	240	526876	20.00	ng	0.00
86) Perylene-d12	25.03	264	270887	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	410714	140.92	ng	0.00
7) Phenol-d6	7.28	99	523058	129.27	ng	0.01
23) Nitrobenzene-d5	9.27	82	340504	95.00	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	330725	173.47	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	968477	87.36	ng	0.00
78) Terphenyl-d14	20.07	244	2171088	93.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	45619	32.804	ng	# 81
3) Pyridine	3.95	79	150356	41.064	ng	92
4) n-Nitrosodimethylamine	3.83	42	61420	35.613	ng	# 95
6) Aniline	7.44	93	11482	2.155	ng	# 95
8) 2-Chlorophenol	7.68	128	143525	44.147	ng	89
9) Benzaldehyde	7.24	77	79212	33.775	ng	91
10) Phenol	7.31	94	166568	40.074	ng	93
11) bis(2-Chloroethyl)ether	7.52	93	130989	38.612	ng	89
12) 1,3-Dichlorobenzene	7.99	146	150876	39.024	ng	97
13) 1,4-Dichlorobenzene	8.14	146	155011	38.578	ng	95
14) 1,2-Dichlorobenzene	8.46	146	148420	38.776	ng	97
15) Benzyl Alcohol	8.35	79	72276	22.835	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	192550	50.522	ng	90
17) 2-Methylphenol	8.56	107	122357	43.185	ng	97
18) Hexachloroethane	9.19	117	52542	38.793	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	106172	33.338	ng	# 96
20) 3+4-Methylphenols	8.89	107	169906	40.254	ng	94
22) Acetophenone	8.93	105	220348	41.577	ng	# 93
24) Nitrobenzene	9.32	77	158271	43.093	ng	92
25) Isophorone	9.84	82	303571	44.817	ng	# 92
26) 2-Nitrophenol	10.03	139	85195	46.911	ng	# 88
27) 2,4-Dimethylphenol	10.09	122	147093	53.317	ng	91
28) bis(2-Chloroethoxy)methane	10.31	93	164405	37.596	ng	95
29) 2,4-Dichlorophenol	10.58	162	166683	51.281	ng	90
30) 1,2,4-Trichlorobenzene	10.78	180	175269	42.214	ng	93
31) Naphthalene	10.97	128	441342	40.665	ng	99
32) Benzoic acid	10.26	122	70850	44.823	ng	# 82
34) Hexachlorobutadiene	11.25	225	109345	39.704	ng	96
35) Caprolactam	11.86	113	39664	31.077	ng	# 67
36) 4-Chloro-3-methylphenol	12.21	107	186438	50.250	ng	85
37) 2-Methylnaphthalene	12.57	142	355668	42.326	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	232416	36.543	ng	98
40) Hexachlorocyclopentadiene	12.91	237	133853	66.790	ng	92
42) 2,4,6-Trichlorophenol	13.18	196	156066	48.028	ng	97

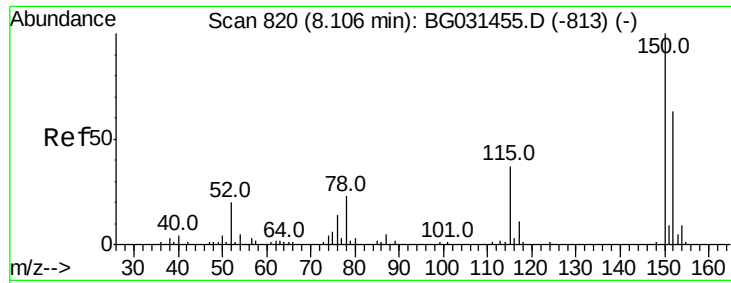
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031539.D
 Acq On : 13 Dec 2017 22:14
 Operator : SJ/JU
 Sample : I6676-06MSD
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 BNA_G
 ClientSampleId :

Quant Time: Dec 14 00:30:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	179299	51.223	ng	# 91
45) 1,1'-Biphenyl	13.56	154	513592	38.425	ng	98
46) 2-Chloronaphthalene	13.61	162	403469	41.242	ng	96
47) 2-Nitroaniline	13.82	65	104172	37.894	ng	# 74
48) Acenaphthylene	14.46	152	612651	38.920	ng	99
49) Dimethylphthalate	14.18	163	611230	45.368	ng	98
50) 2,6-Dinitrotoluene	14.30	165	138294	48.023	ng	# 75
51) Acenaphthene	14.79	154	393803	39.565	ng	96
52) 3-Nitroaniline	14.66	138	18132	6.177	ng	# 84
53) 2,4-Dinitrophenol	14.86	184	129387	104.535	ng	# 50
54) Dibenzofuran	15.13	168	675487	42.529	ng	97
55) 4-Nitrophenol	14.97	139	189714	94.950	ng	# 81
56) 2,4-Dinitrotoluene	15.10	165	206412	50.465	ng	# 74
57) Fluorene	15.77	166	555656	43.661	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	181848	55.270	ng	# 88
59) Diethylphthalate	15.53	149	624245	46.224	ng	97
60) 4-Chlorophenyl-phenylether	15.76	204	323713	41.575	ng	92
61) 4-Nitroaniline	15.81	138	56553	18.358	ng	85
62) Azobenzene	16.06	77	457149	40.864	ng	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	108690	39.063	ng	80
65) n-Nitrosodiphenylamine	15.98	169	71988	5.211	ng	96
66) 4-Bromophenyl-phenylether	16.65	248	226782	41.319	ng	96
67) Hexachlorobenzene	16.78	284	230088	40.598	ng	96
69) Pentachlorophenol	17.13	266	207527	76.447	ng	99
70) Phenanthrene	17.52	178	1033433	41.924	ng	98
71) Anthracene	17.61	178	1060951	43.518	ng	99
72) Carbazole	17.88	167	172952	7.839	ng	98
73) Di-n-butylphthalate	18.41	149	1176493	46.177	ng	98
74) Fluoranthene	19.52	202	1376386	44.616	ng	97
77) Pyrene	19.88	202	1376641	42.050	ng	97
79) Butylbenzylphthalate	20.74	149	527989	45.973	ng	# 83
80) Benzo(a)anthracene	21.72	228	1347513	42.372	ng	97
82) Chrysene	21.80	228	1310249	42.977	ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	745154	45.097	ng	99
84) Di-n-octyl phthalate	22.82	149	1254027	46.010	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.81	276	1143766	35.105	ng	99
87) Benzo(b)fluoranthene	23.99	252	1300387	80.295	ng	98
88) Benzo(k)fluoranthene	24.05	252	1239103	74.974	ng	97
89) Benzo(a)pyrene	24.88	252	975860	63.520	ng	98
90) Dibenzo(a,h)anthracene	28.85	278	1111147	75.633	ng	98
91) Benzo(g,h,i)perylene	29.99	276	837610	57.993	ng	98

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

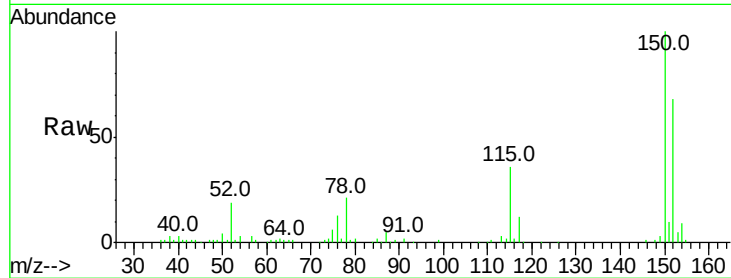


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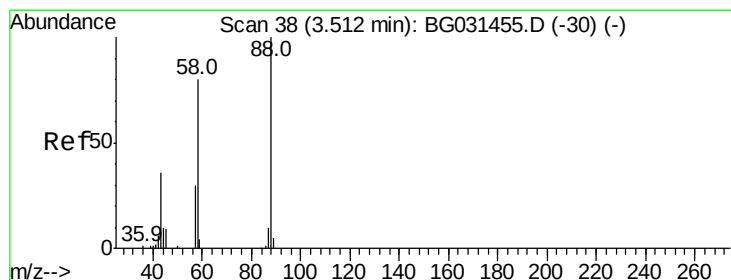
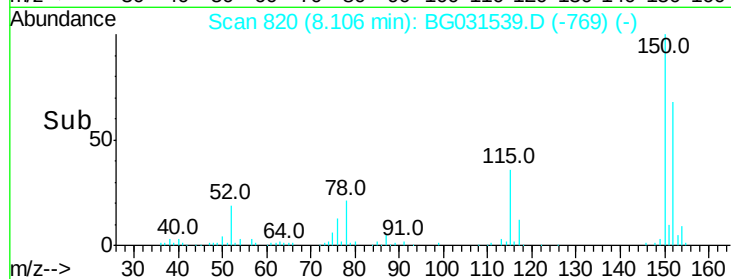
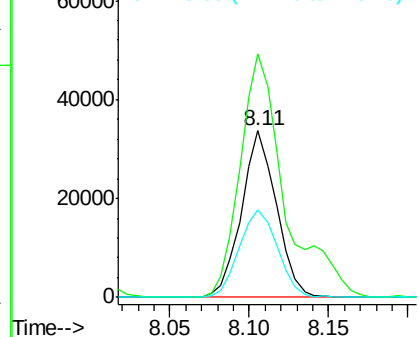
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51662
Ion Ratio Lower Upper
152 100
150 146.0 126.6 189.8
115 52.4 53.0 79.4#



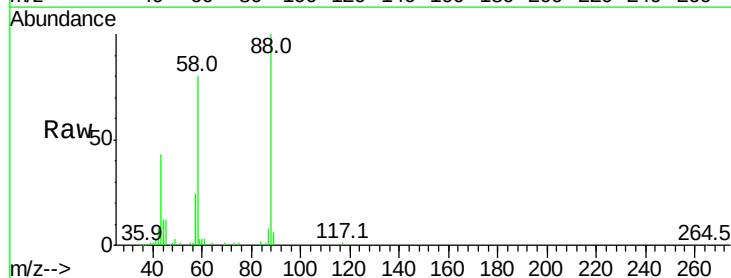
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



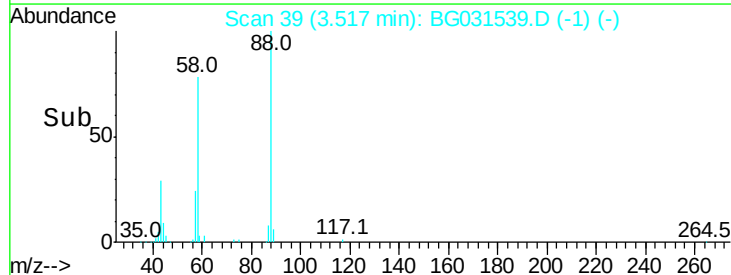
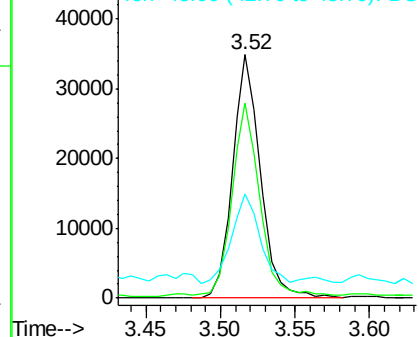
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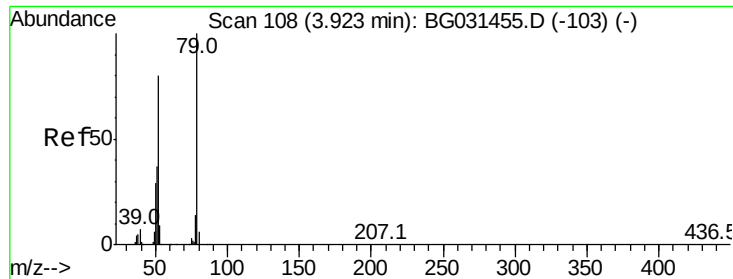
1,4-Dioxane
Concen: 32.804 ng
RT: 3.52 min Scan# 39
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion: 88 Resp: 45619
Ion Ratio Lower Upper
88 100
58 76.5 79.6 119.4#
43 37.4 27.4 41.0



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





#3

Pvridine

Concen: 41.064 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.02 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

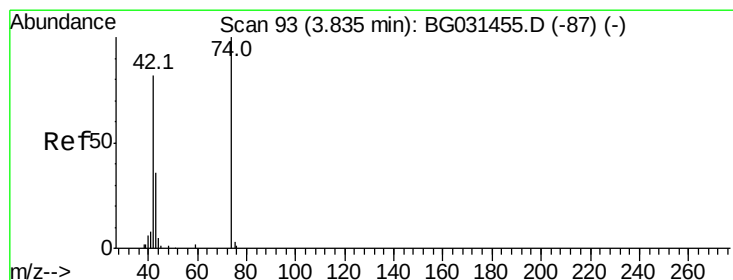
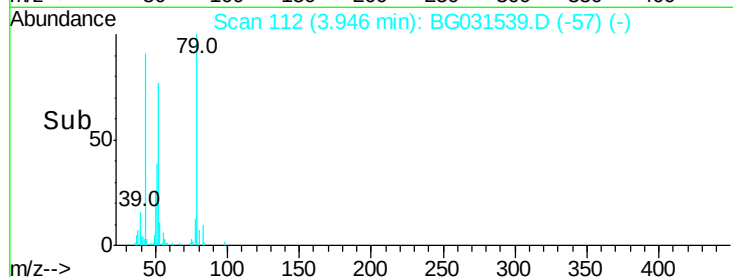
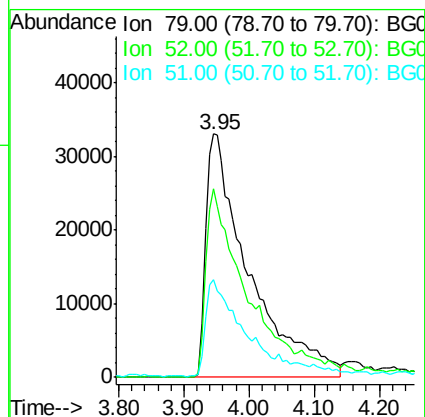
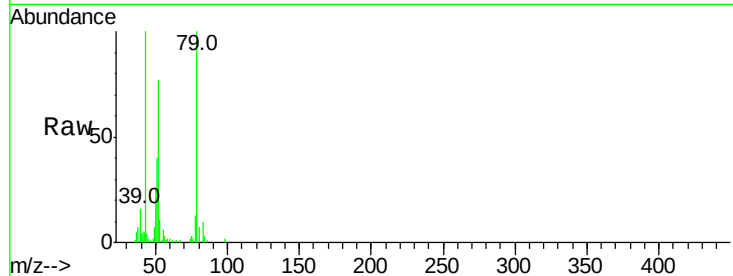
Tot Ion: 79 Resp: 150356

Ion Ratio Lower Upper

79 100

52 77.5 69.9 104.9

51 40.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 35.613 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

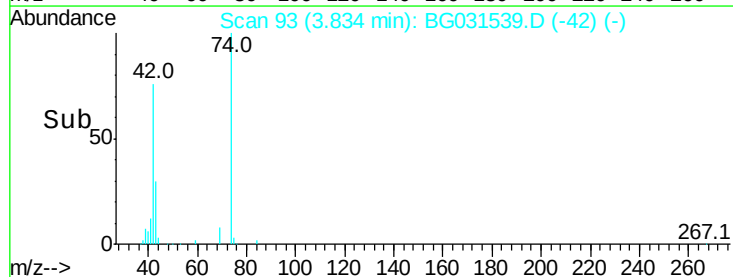
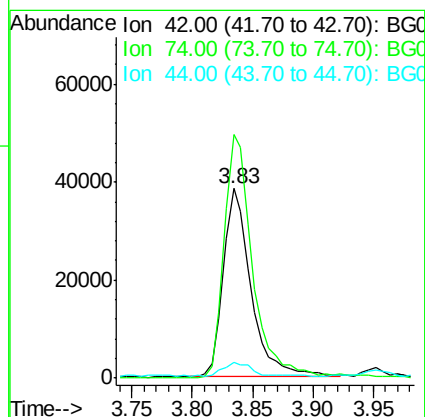
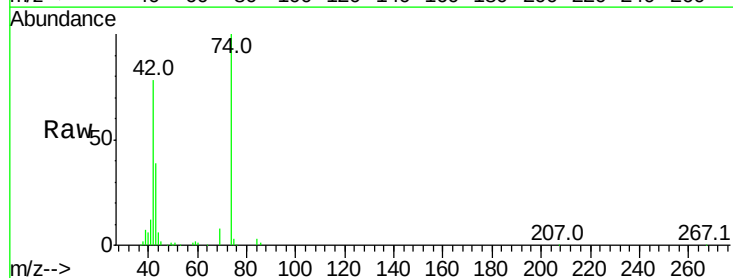
Tgt Ion: 42 Resp: 61420

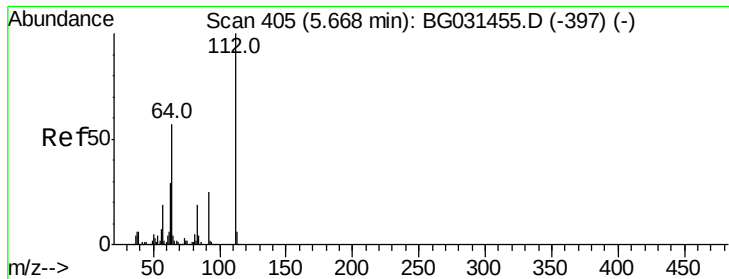
Ion Ratio Lower Upper

42 100

74 128.4 102.5 153.7

44 8.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 140.916 ng

RT: 5.67 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

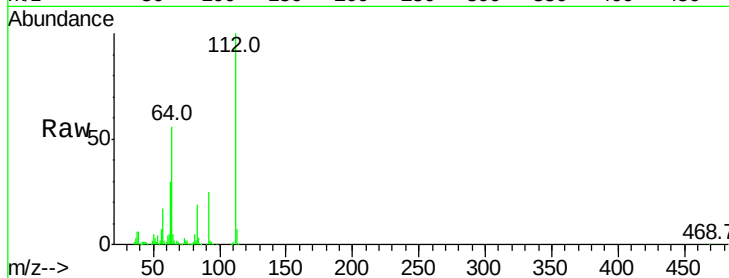
Tot Ion:112 Resp: 410714

Ion Ratio Lower Upper

112 100

64 56.1 56.3 84.5#

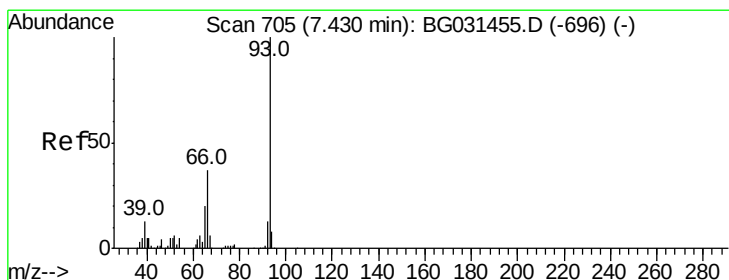
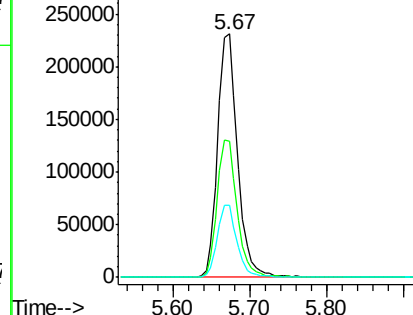
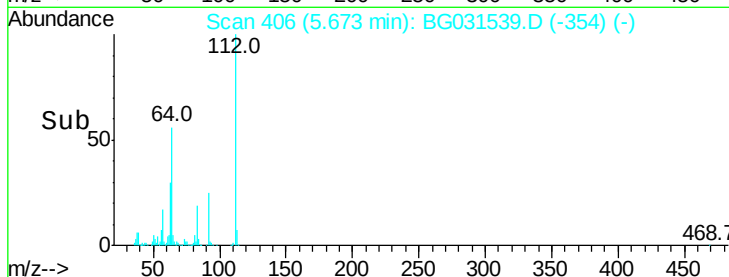
63 29.9 30.1 45.1#



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: 2.155 ng

RT: 7.44 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

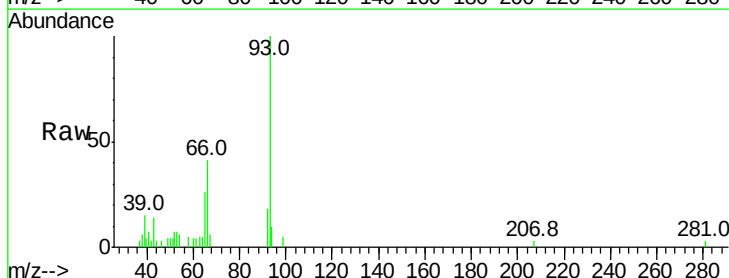
Tgt Ion: 93 Resp: 11482

Ion Ratio Lower Upper

93 100

66 41.0 33.7 50.5

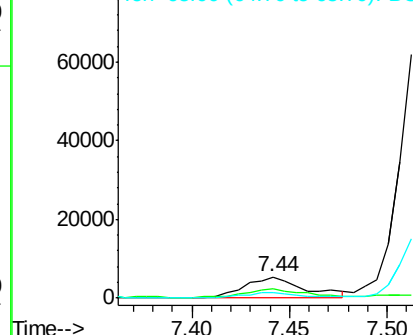
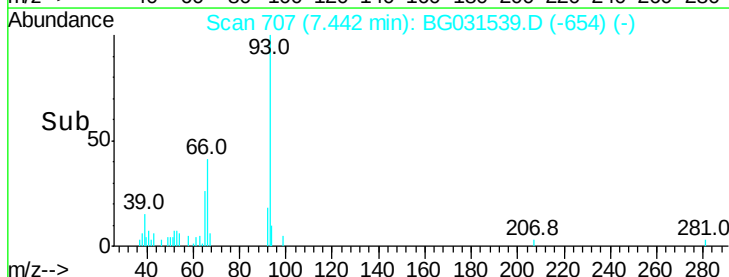
65 26.0 16.1 24.1#

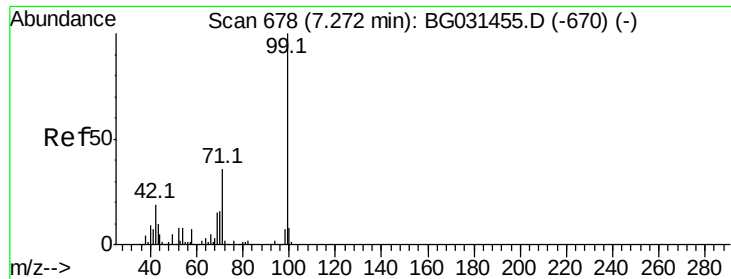


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.273 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

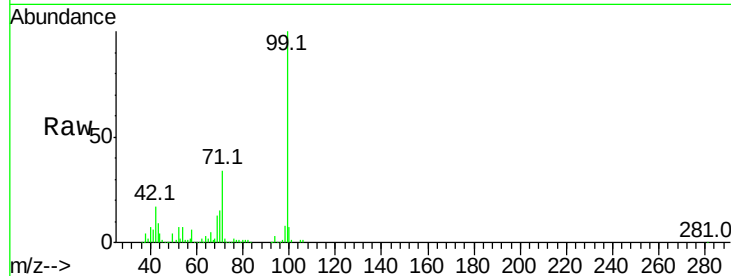
Tot Ion: 99 Resp: 523058

Ion Ratio Lower Upper

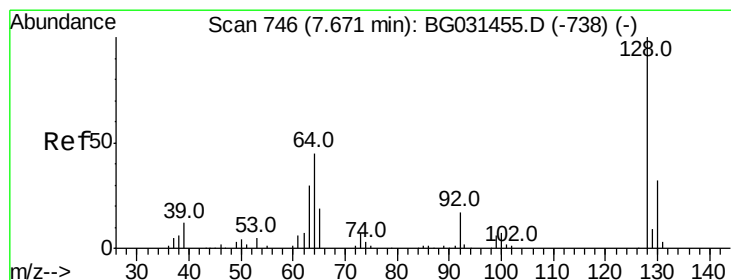
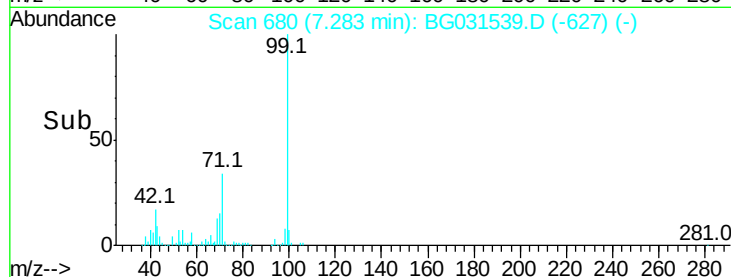
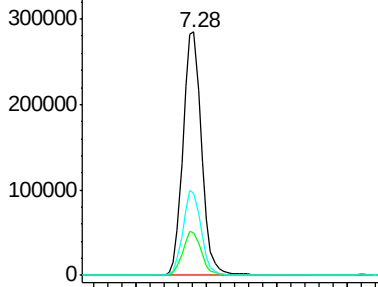
99 100

42 17.3 14.1 21.1

71 33.7 26.1 39.1



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



#8

2-Chlorophenol

Concen: 44.147 ng

RT: 7.68 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

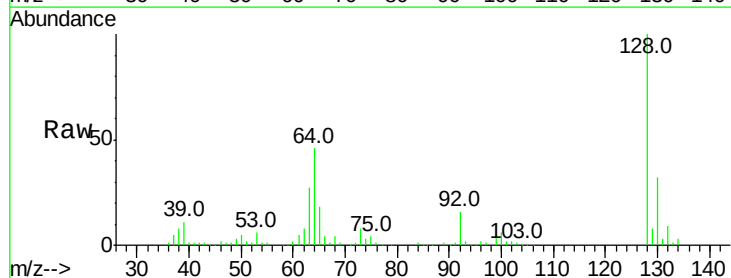
Tgt Ion: 128 Resp: 143525

Ion Ratio Lower Upper

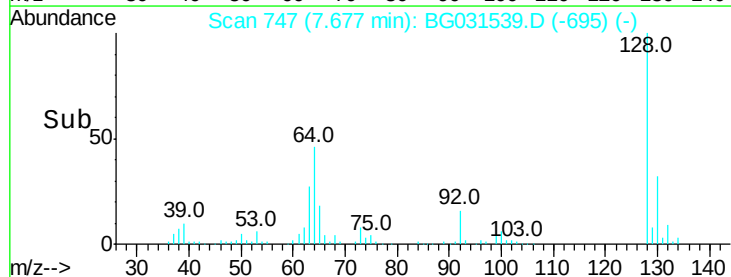
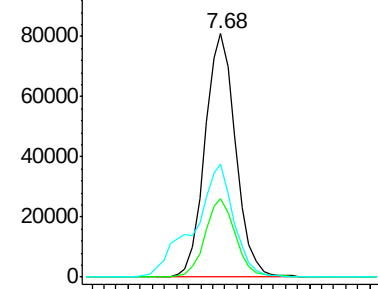
128 100

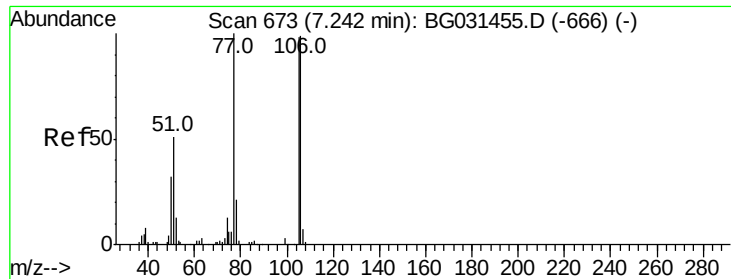
130 32.0 14.0 54.0

64 46.5 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: 33.775 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampled :

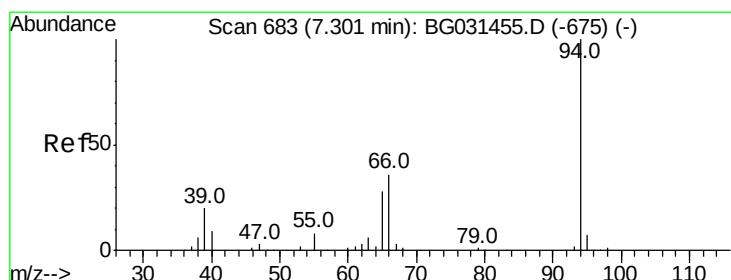
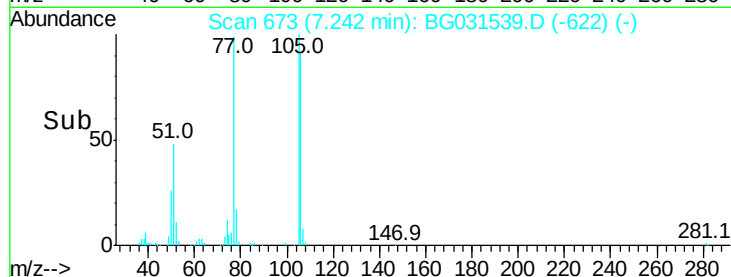
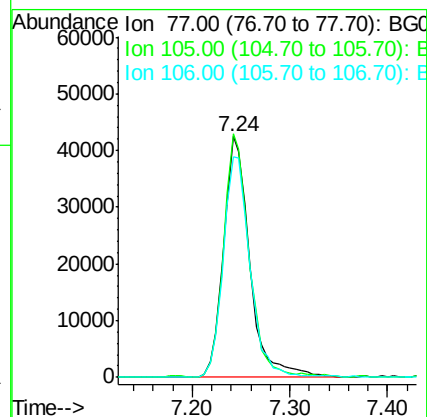
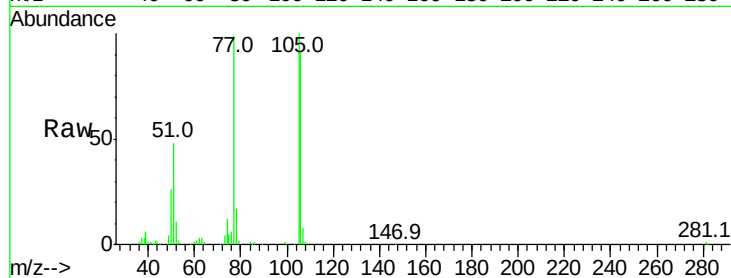
Tot Ion: 77 Resp: 79212

Ion Ratio Lower Upper

77 100

105 101.2 71.3 111.3

106 91.8 64.2 104.2



#10

Phenol

Concen: 40.074 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

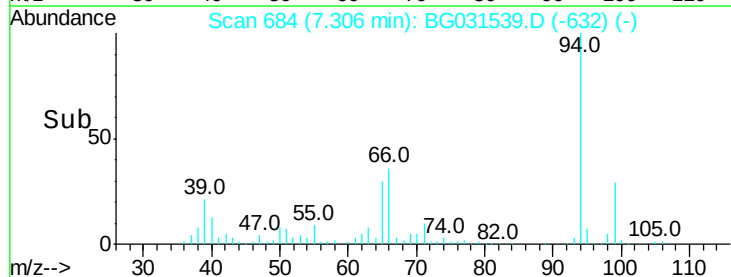
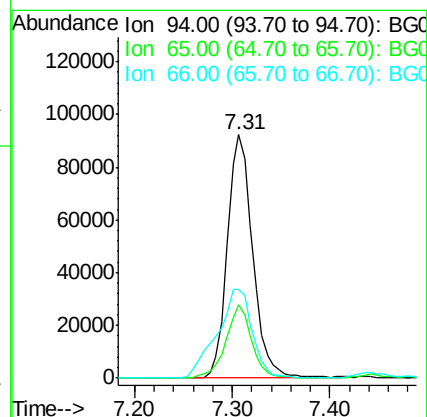
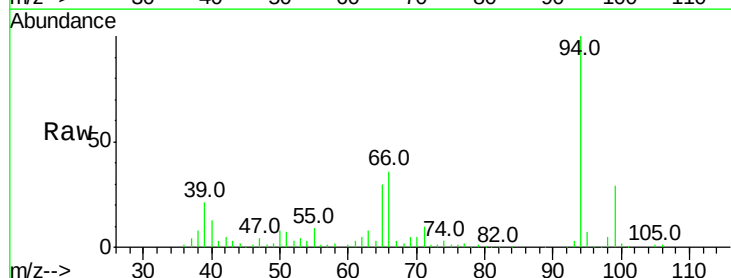
Tgt Ion: 94 Resp: 166568

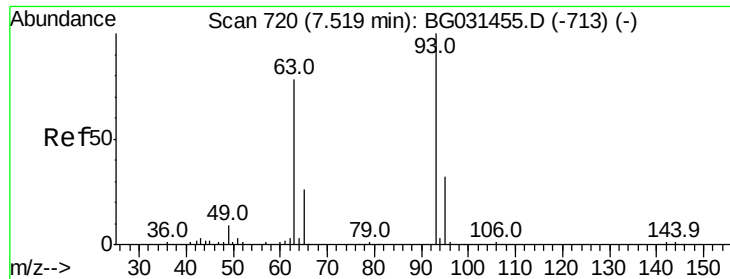
Ion Ratio Lower Upper

94 100

65 30.2 11.9 51.9

66 36.3 22.2 62.2

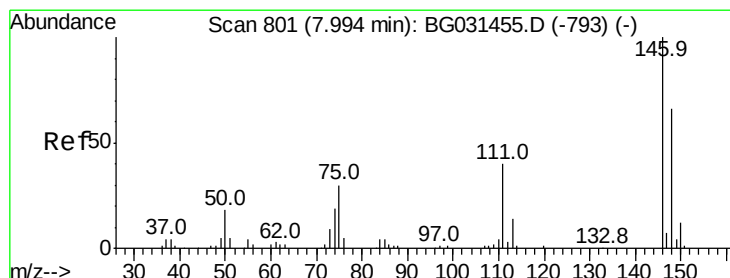
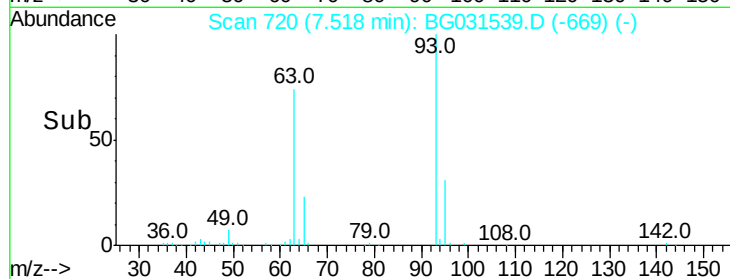
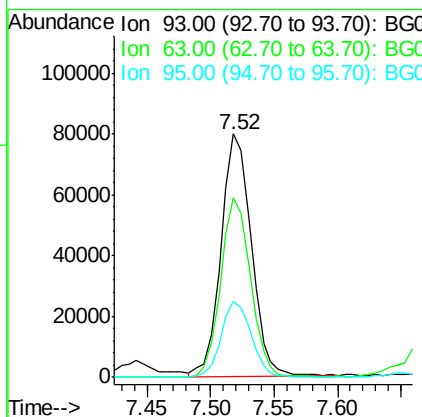
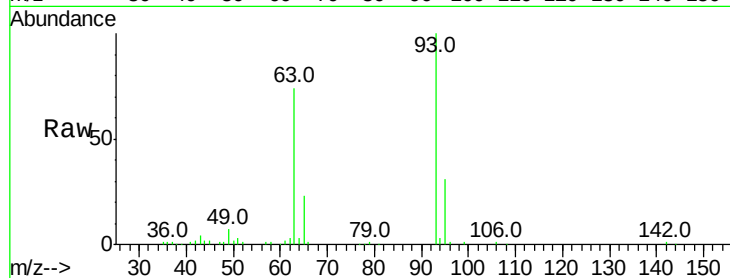




#11
 bis(2-Chloroethyl)ether
 Concen: 38.612 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

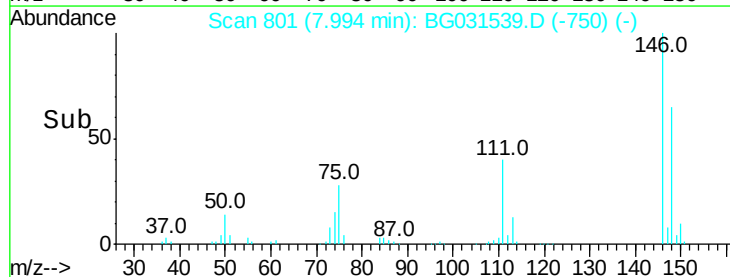
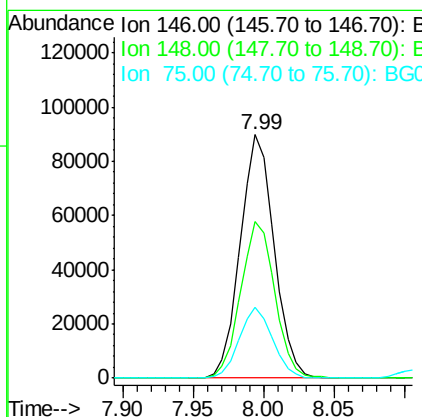
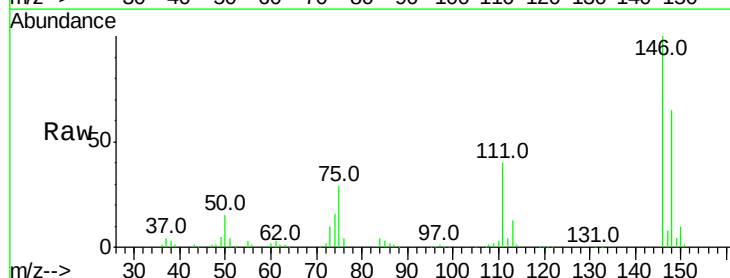
Instrument :
 BNA_G
 ClientSampleId :

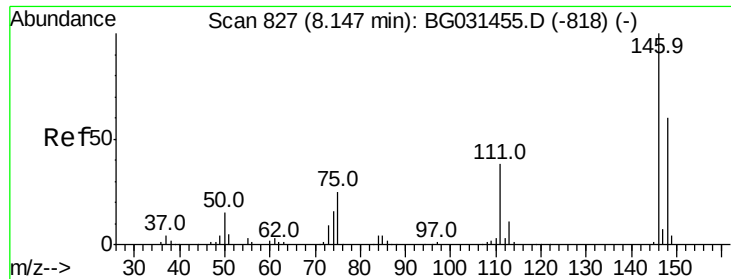
Tot Ion:	93	Resp:	130989
Ion	Ratio	Lower	Upper
93	100		
63	73.9	67.1	107.1
95	31.2	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 39.024 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion:	146	Resp:	150876
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
75	29.1	26.6	39.8

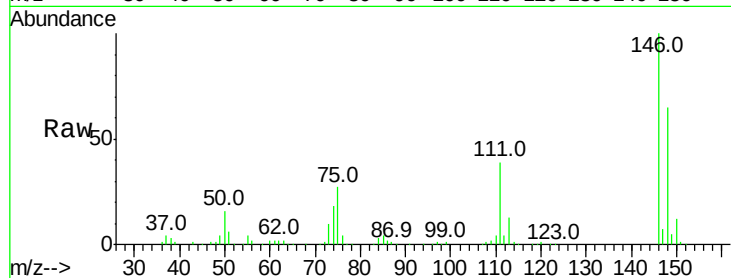




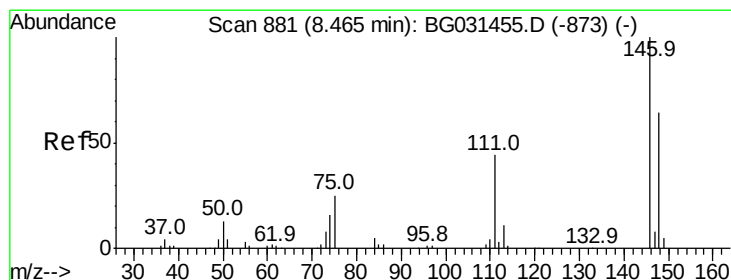
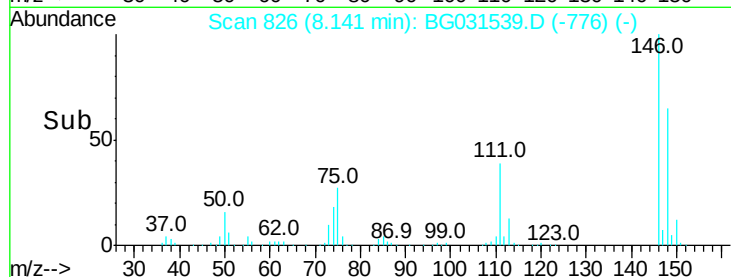
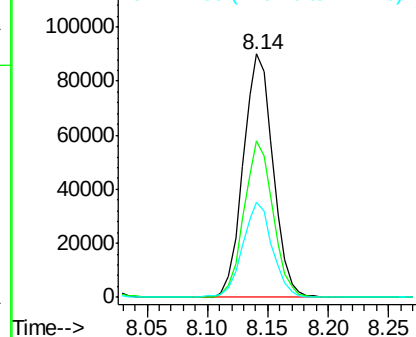
#13
 1,4-Dichlorobenzene
 Concen: 38.578 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 155011
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.7 80.5
 111 39.0 35.2 52.8

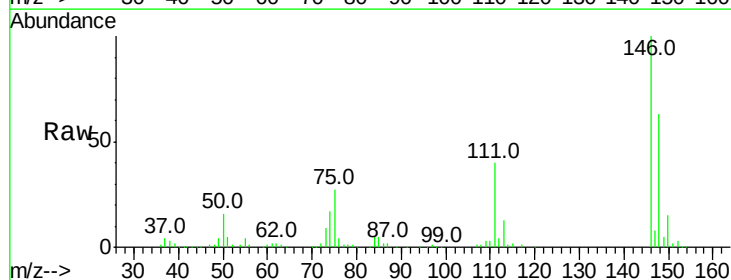


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

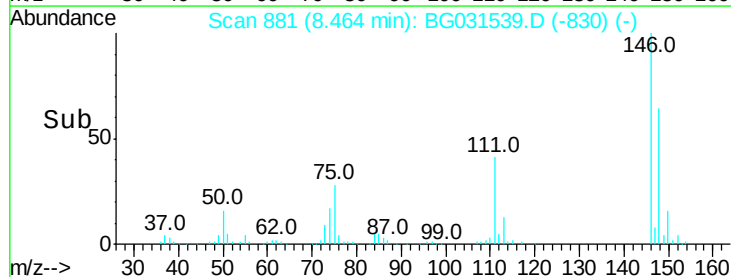
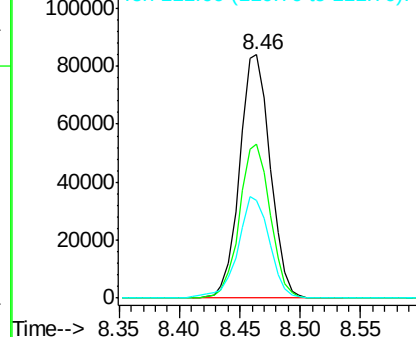


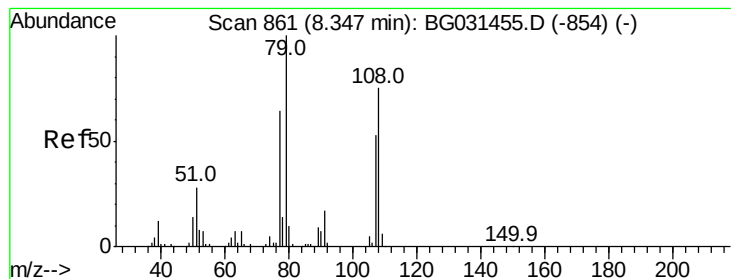
#14
 1,2-Dichlorobenzene
 Concen: 38.776 ng
 RT: 8.46 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion:146 Resp: 148420
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.3 73.9
 111 40.2 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: 22.835 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

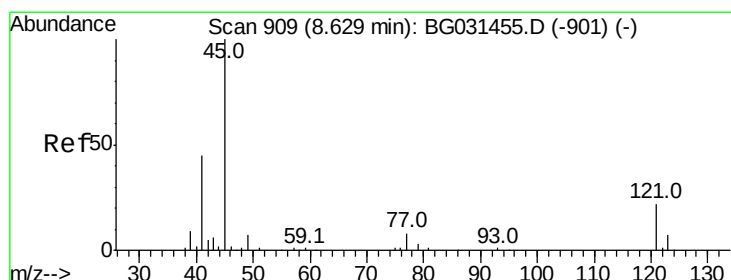
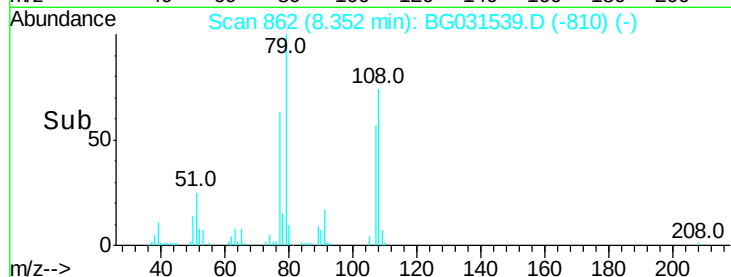
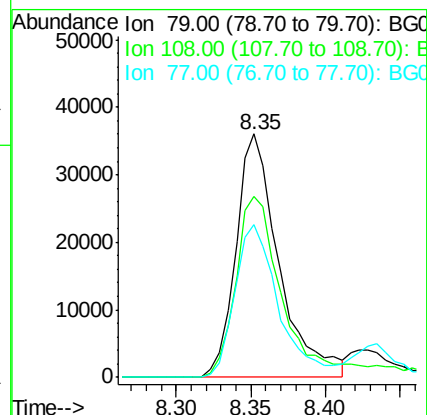
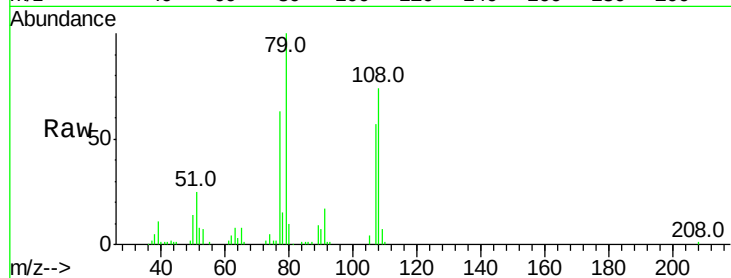
Tot Ion: 79 Resp: 72276

Ion Ratio Lower Upper

79 100

108 74.0 57.2 85.8

77 62.6 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.522 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

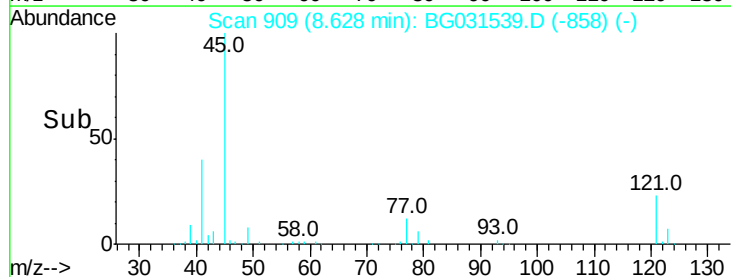
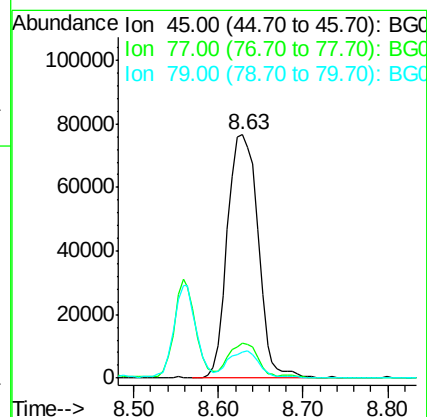
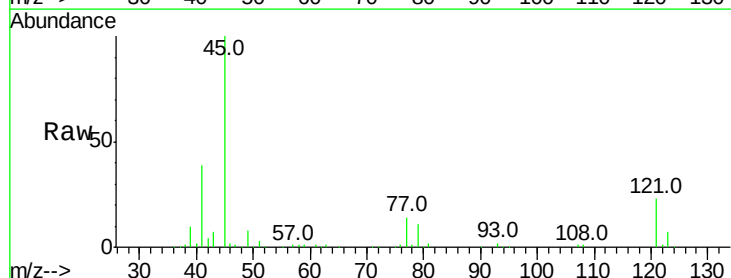
Tgt Ion: 45 Resp: 192550

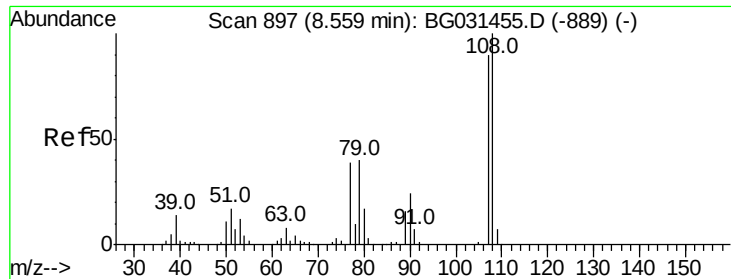
Ion Ratio Lower Upper

45 100

77 14.4 0.0 30.2

79 10.7 0.0 27.9

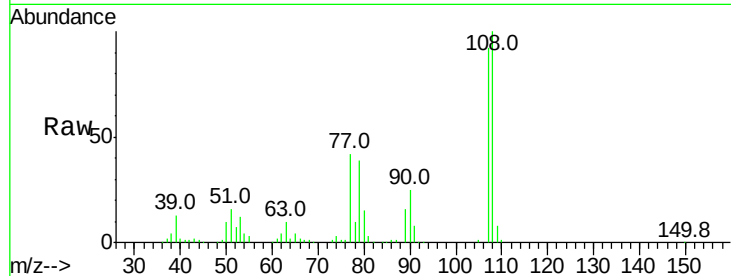




#17
2-Methylphenol
Concen: 43.185 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	83.9	125.9
77	45.2	37.2	55.8
79	42.0	36.2	54.2



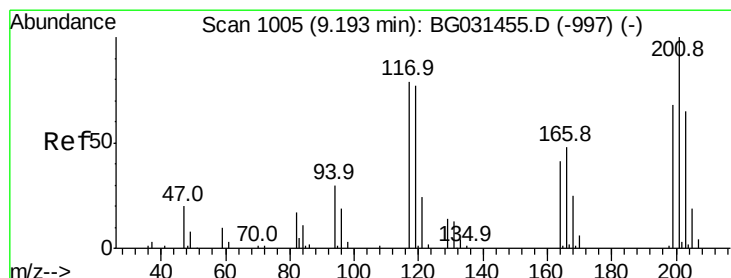
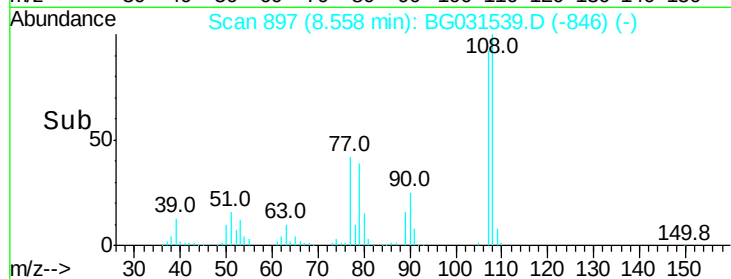
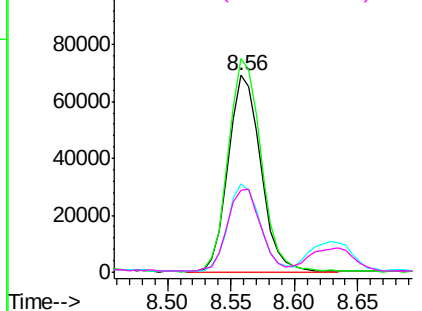
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

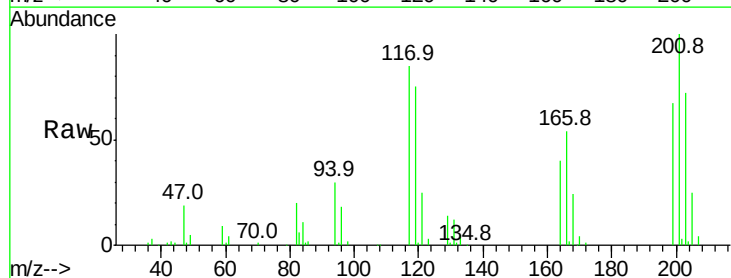
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 38.793 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.0	76.7	115.1
201	118.1	95.7	143.5

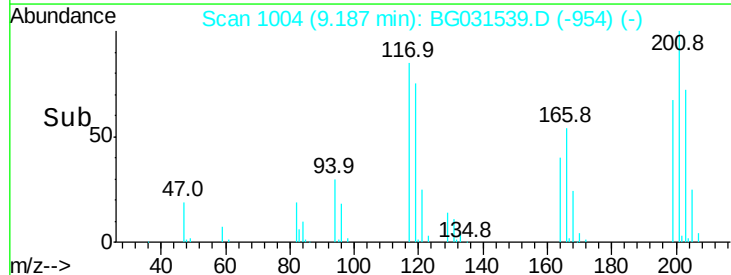
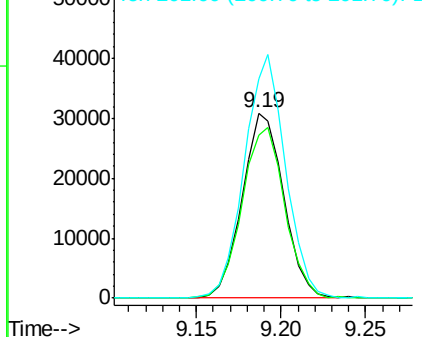


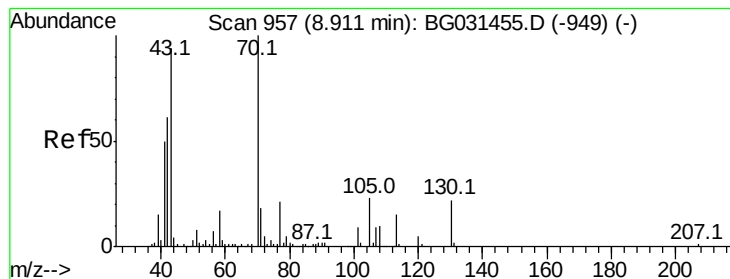
Abundance

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: 33.338 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 106172

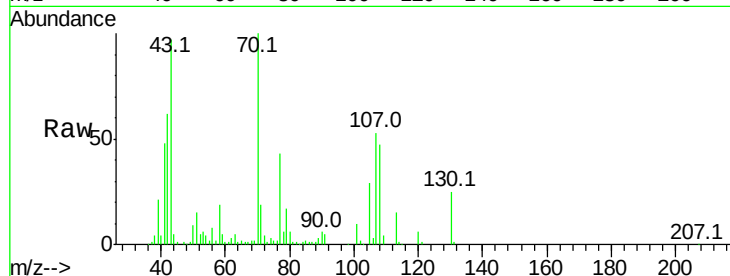
Ion Ratio Lower Upper

70 100

42 61.6 49.1 73.7

101 10.2 8.5 12.7

130 25.1 13.4 20.0#



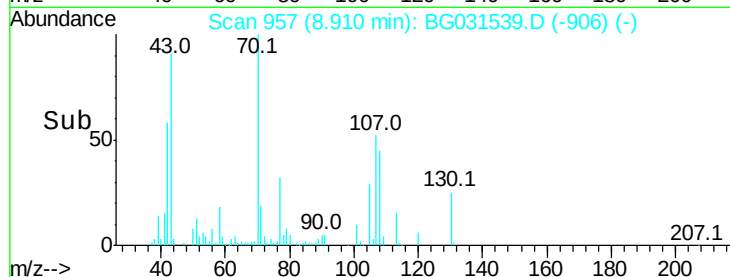
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

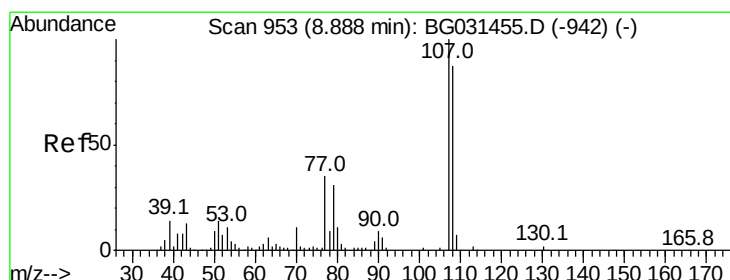
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 40.254 ng

RT: 8.89 min Scan# 954

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion: 107 Resp: 169906

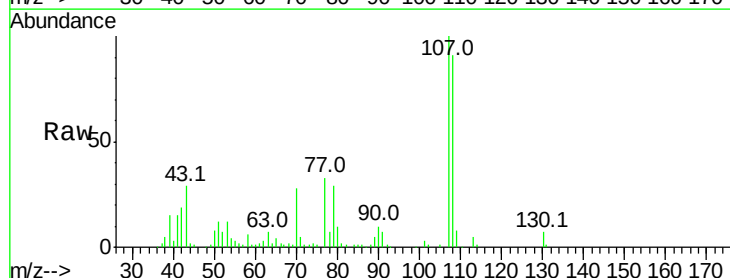
Ion Ratio Lower Upper

107 100

108 90.5 61.6 101.6

77 32.8 13.9 53.9

79 28.7 8.8 48.8



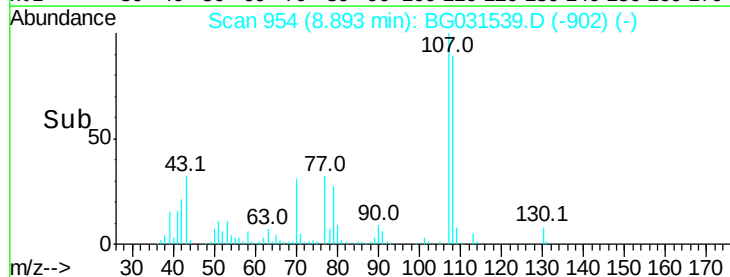
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

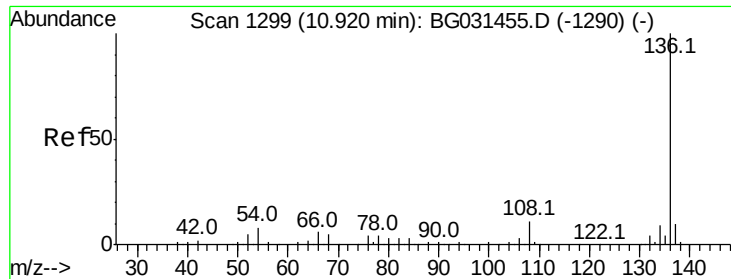
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 220916

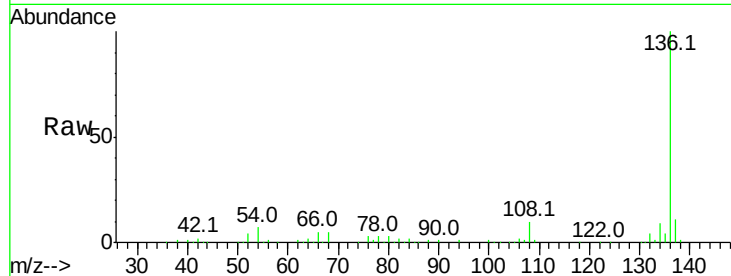
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.3 10.3 15.5#

68 5.0 4.5 6.7

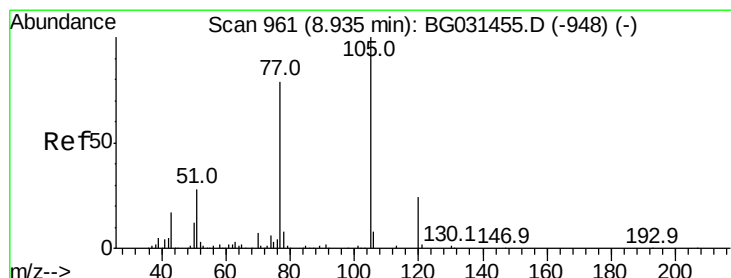
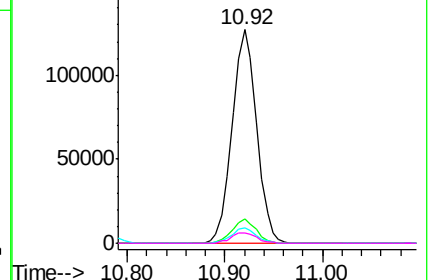
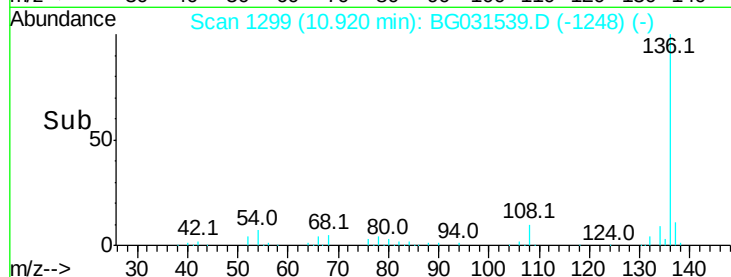


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.577 ng

RT: 8.93 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:105 Resp: 220348

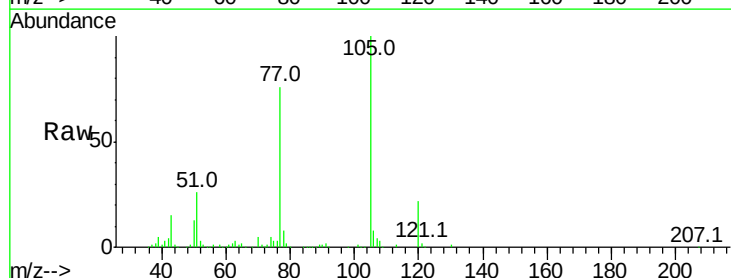
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 26.4 26.1 39.1

120 22.1 17.4 26.2

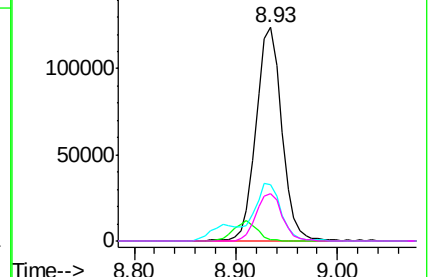
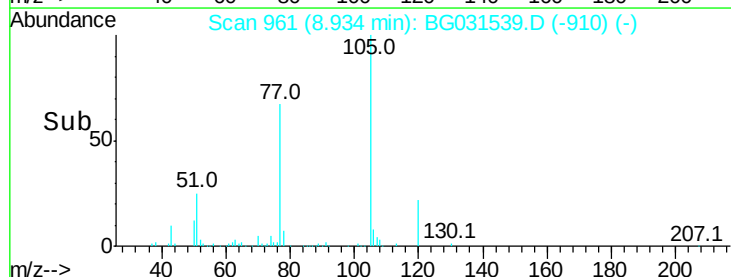


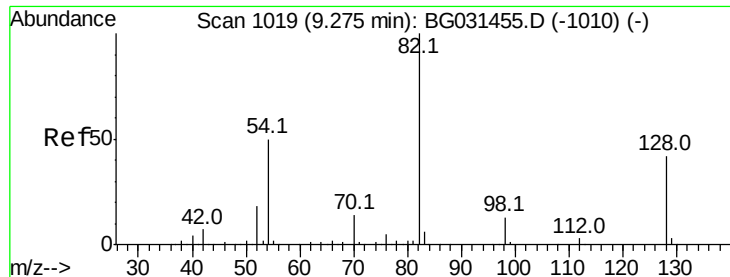
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

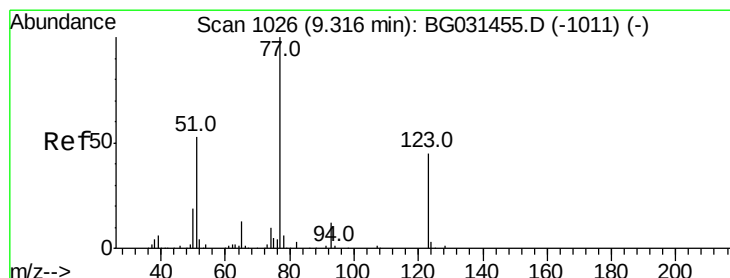
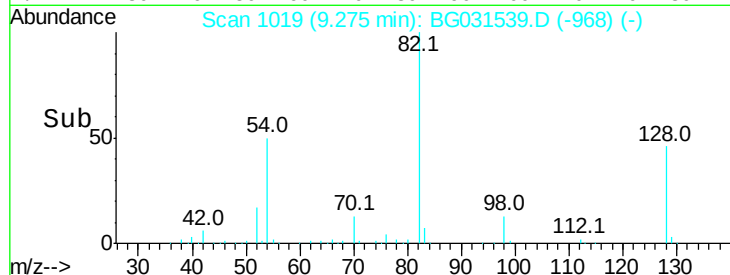
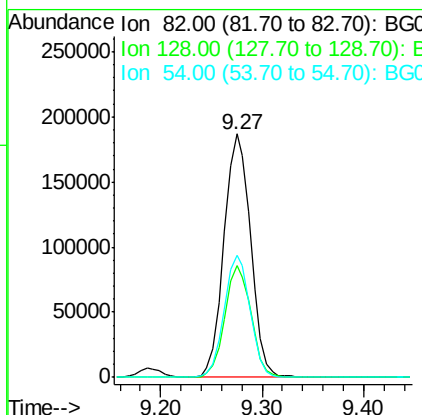
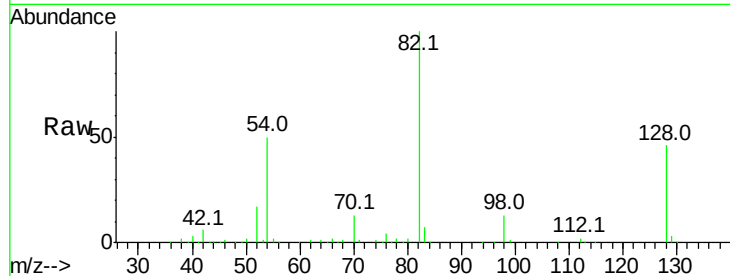




#23
 Nitrobenzene-d5
 Concen: 95.002 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

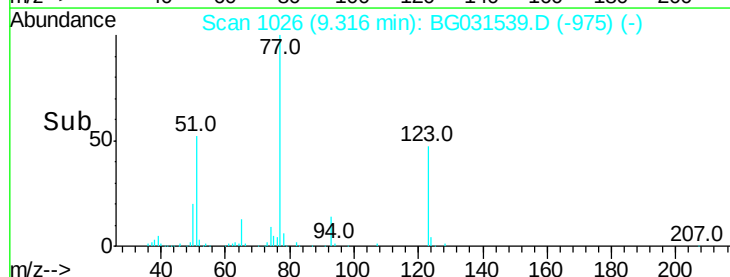
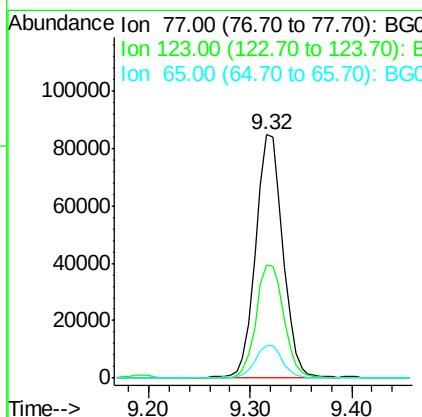
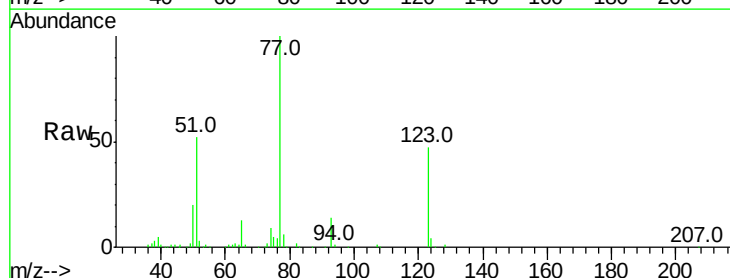
Instrument :
 BNA_G
 ClientSampled :

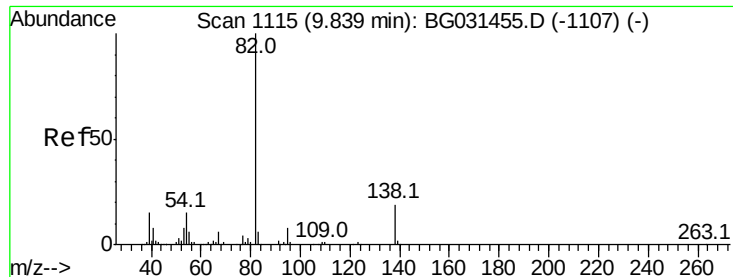
Tot Ion	82	Resp	340504
Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	50.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 43.093 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	77	Resp	158271
Ion	Ratio	Lower	Upper
77	100		
123	46.6	33.0	49.6
65	13.2	13.0	19.6





#25

Isophorone

Concen: 44.817 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

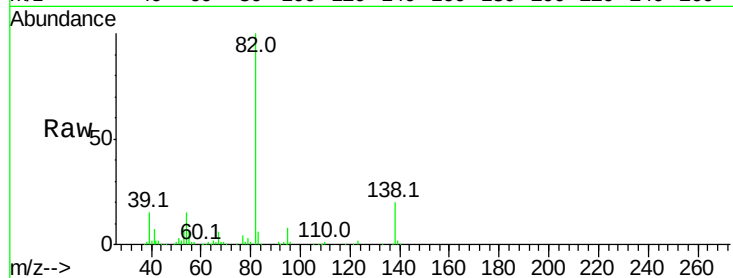
Tot Ion: 82 Resp: 303571

Ion Ratio Lower Upper

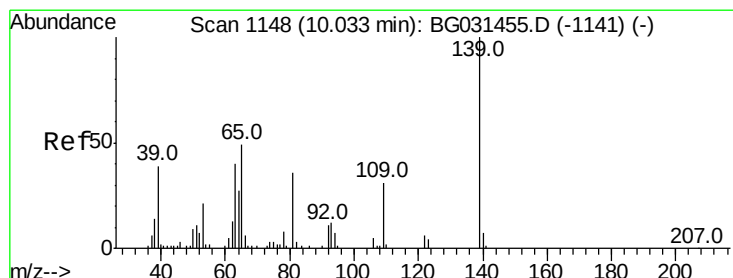
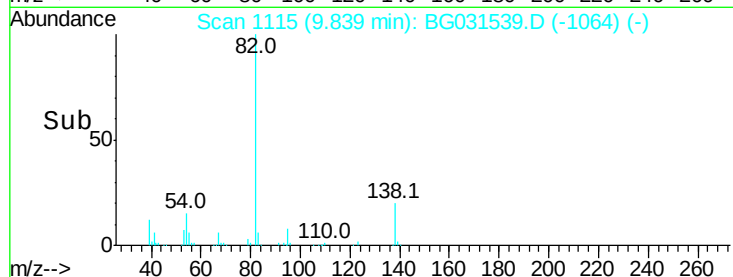
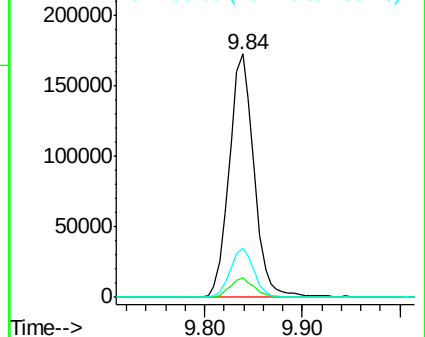
82 100

95 7.8 6.2 9.2

138 20.0 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: 46.911 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

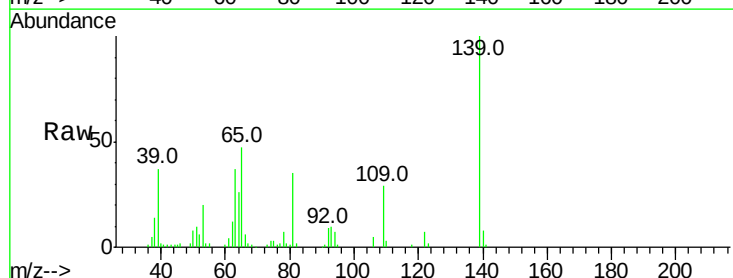
Tgt Ion: 139 Resp: 85195

Ion Ratio Lower Upper

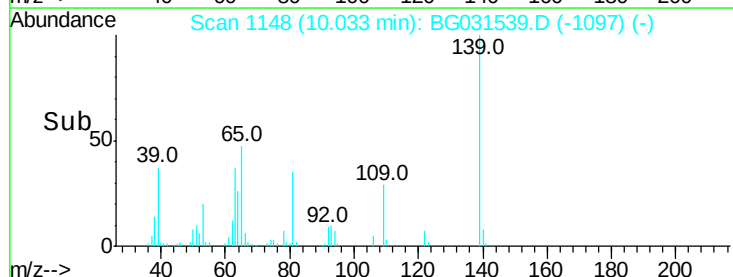
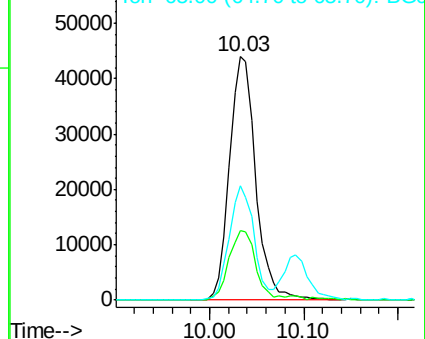
139 100

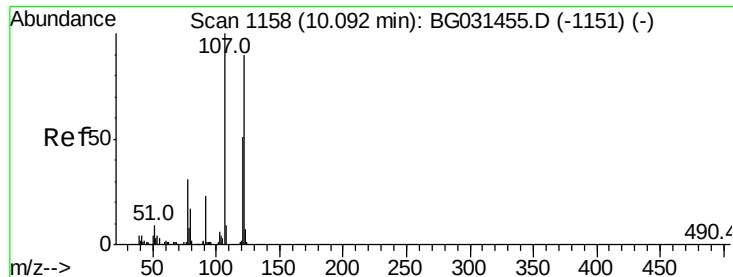
109 28.7 24.2 36.2

65 46.8 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

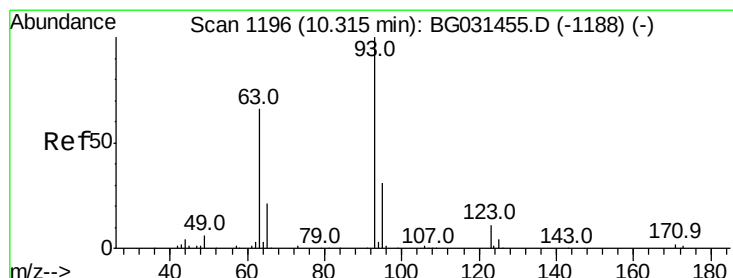
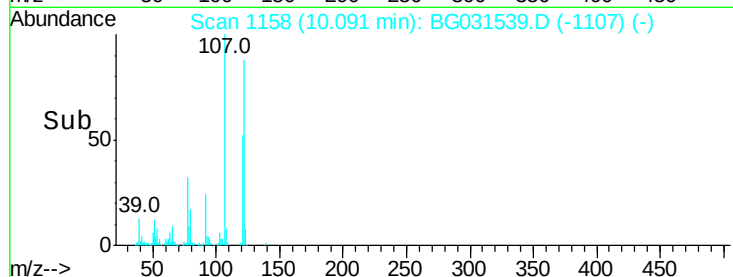
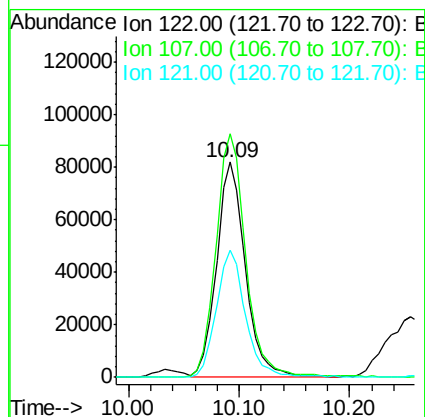
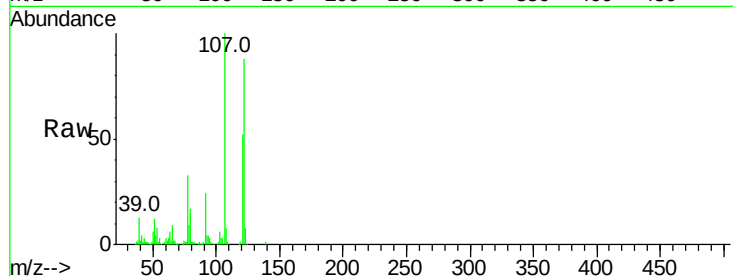




#27
2,4-Dimethylphenol
Concen: 53.317 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

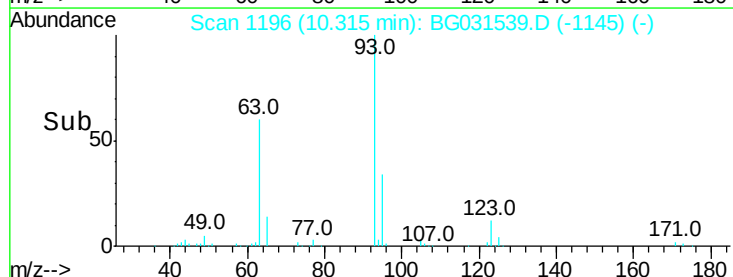
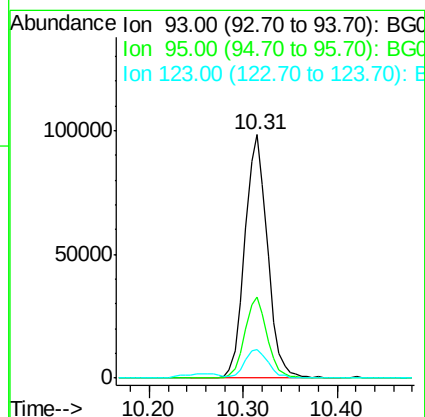
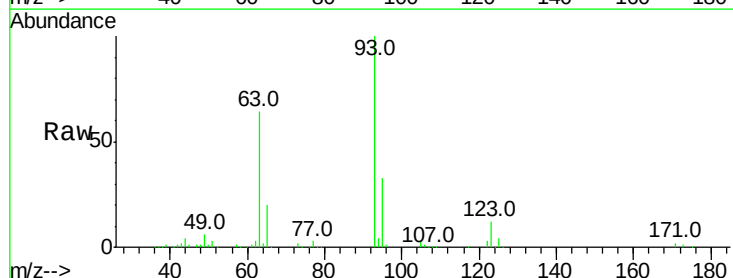
Instrument :
BNA_G
ClientSampled :

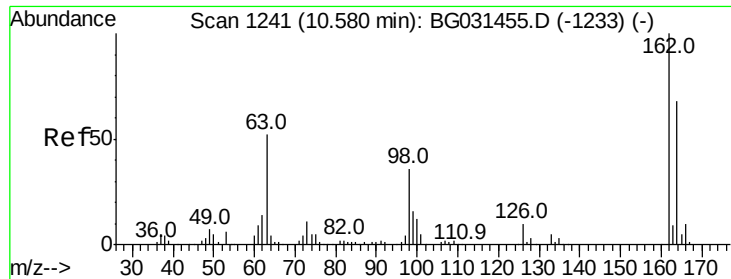
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	100.2	150.2
121	58.9	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.596 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.3	36.5
123	12.0	8.4	12.6

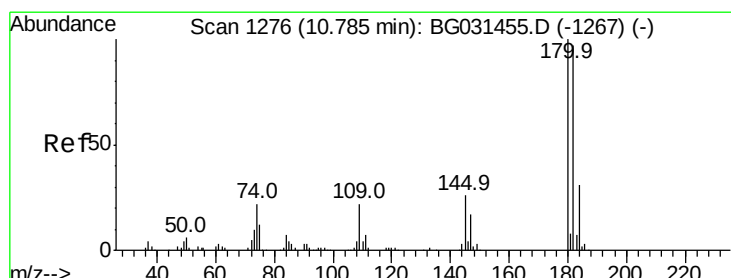
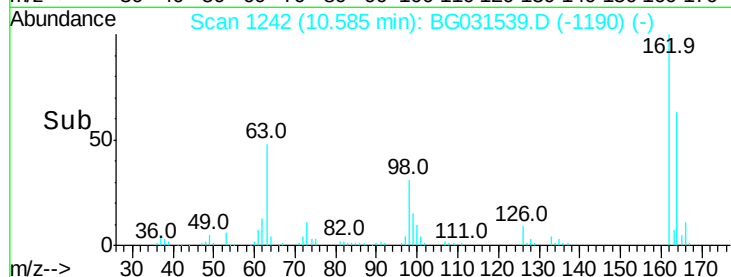
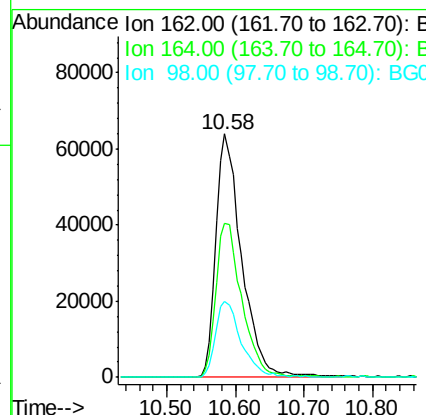
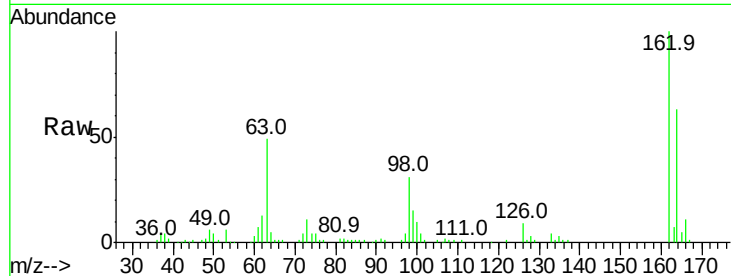




#29
2,4-Dichlorophenol
Concen: 51.281 ng
RT: 10.58 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

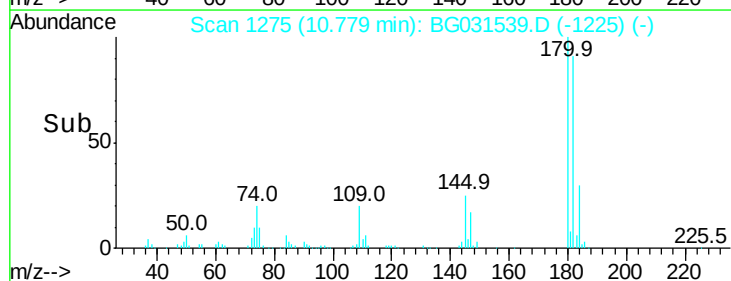
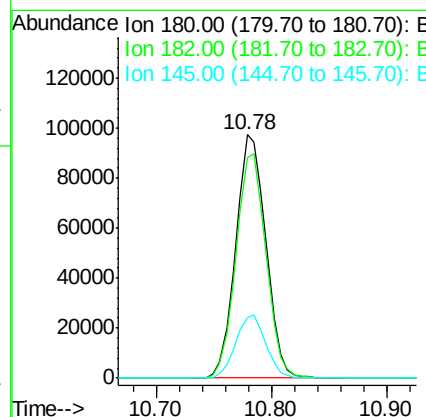
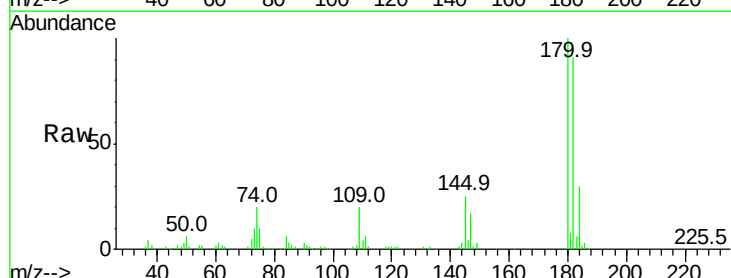
Instrument :
BNA_G
ClientSampled :

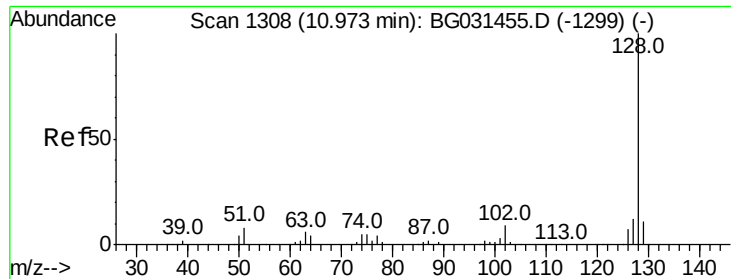
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	48.0	88.0
98	31.0	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 42.214 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	77.5	116.3
145	25.0	23.4	35.2

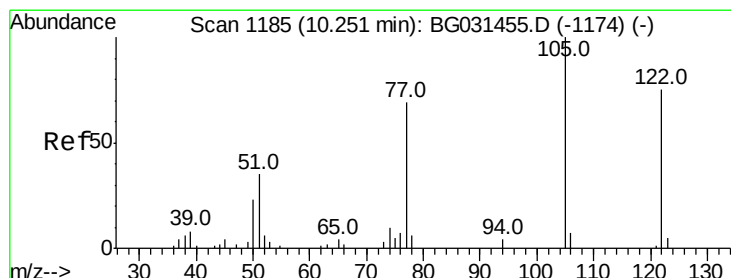
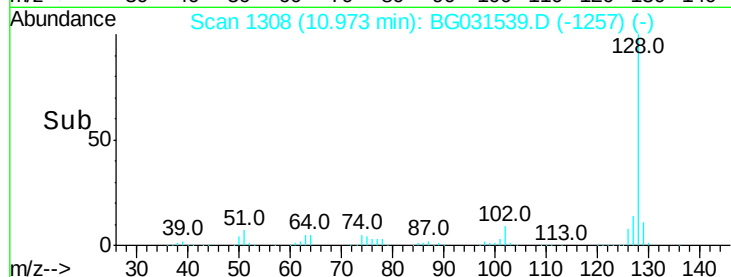
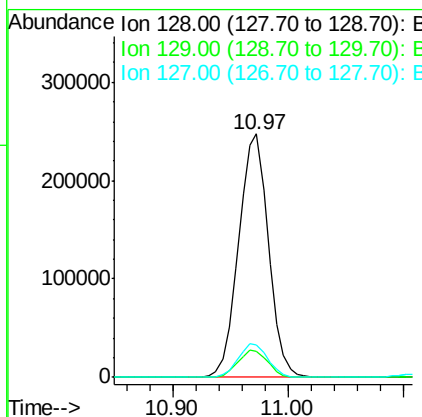
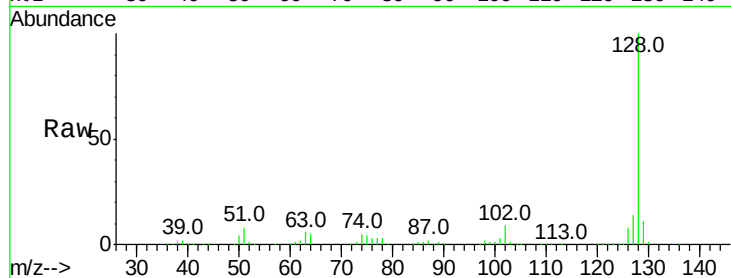




#31
Naphthalene
Concen: 40.665 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

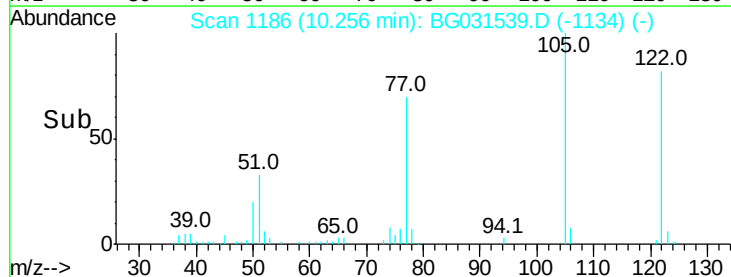
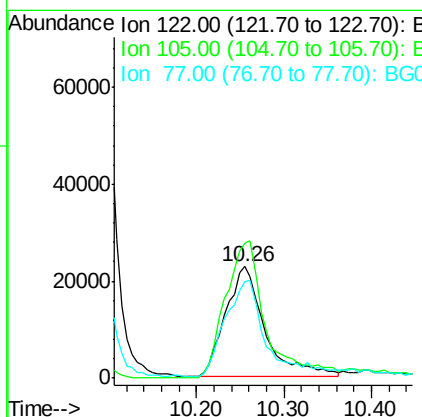
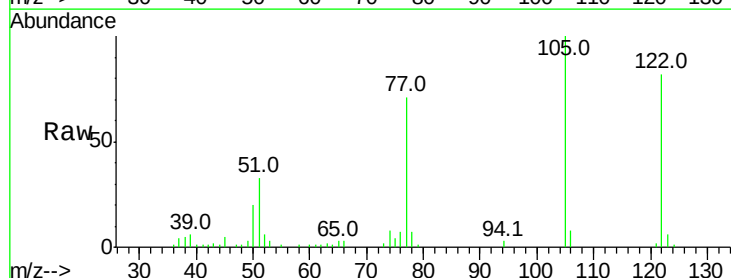
Instrument :
BNA_G
ClientSampleId :

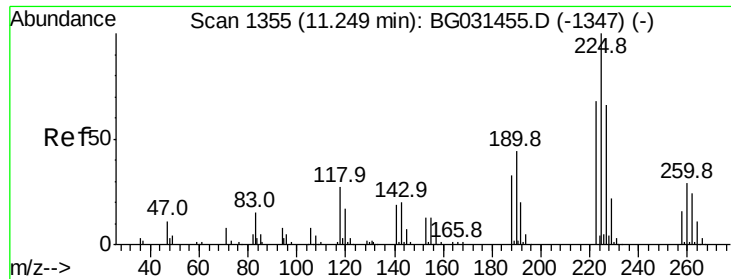
Tot Ion:128 Resp: 441342
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.5 11.6 17.4



#32
Benzoic acid
Concen: 44.823 ng
RT: 10.26 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion:122 Resp: 70850
Ion Ratio Lower Upper
122 100
105 121.4 123.5 163.5#
77 86.1 85.7 125.7





#34

Hexachlorobutadiene

Concen: 39.704 ng

RT: 11.25 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

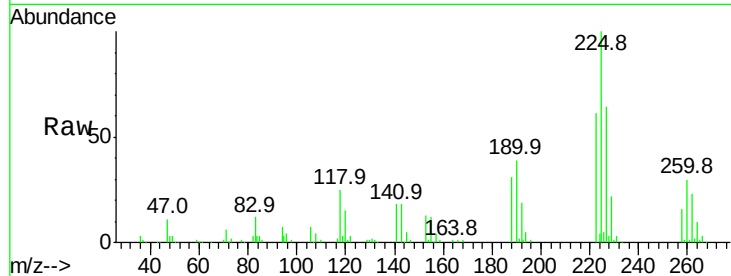
Tot Ion:225 Resp: 109345

Ion Ratio Lower Upper

225 100

223 60.8 49.7 74.5

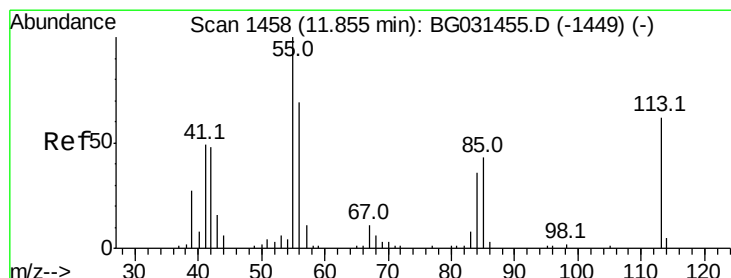
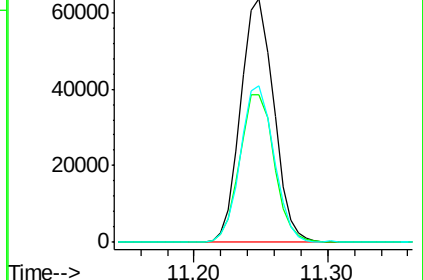
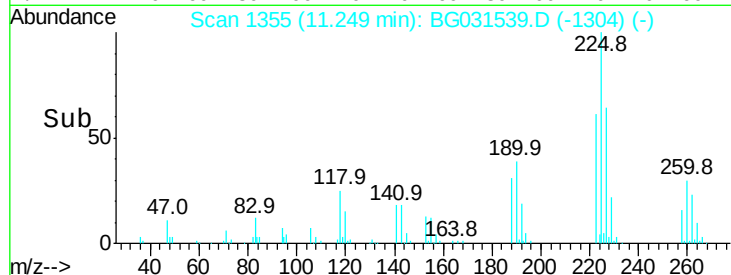
227 64.3 48.1 72.1



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: 31.077 ng

RT: 11.86 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

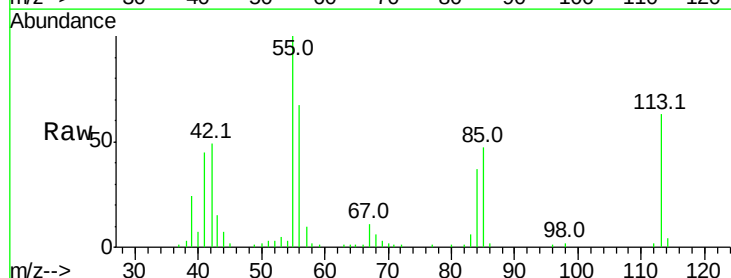
Tgt Ion:113 Resp: 39664

Ion Ratio Lower Upper

113 100

55 158.0 186.9 226.9#

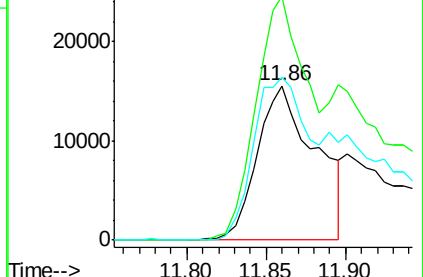
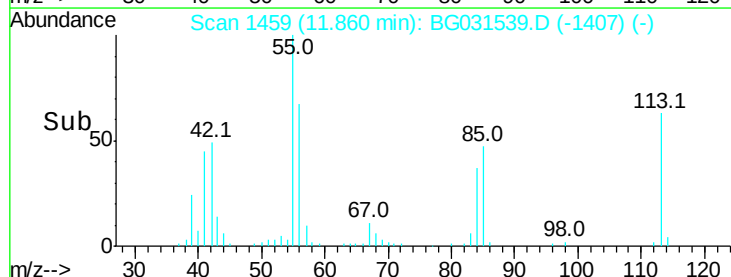
56 105.9 130.9 170.9#

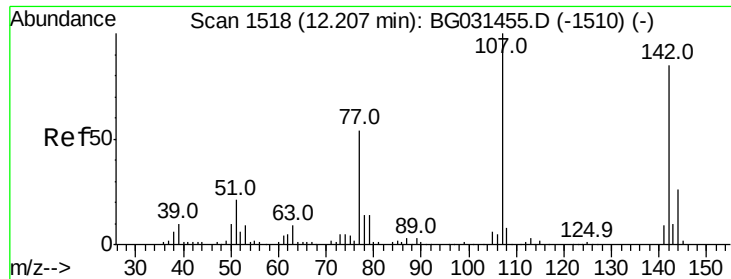


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

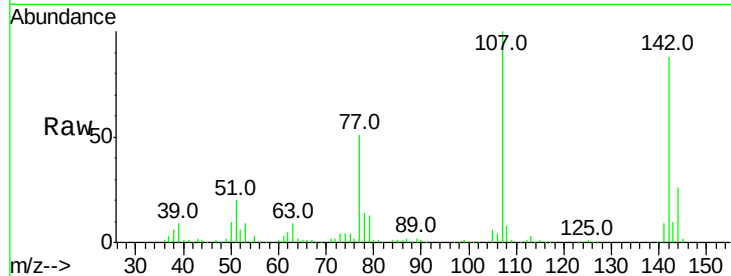




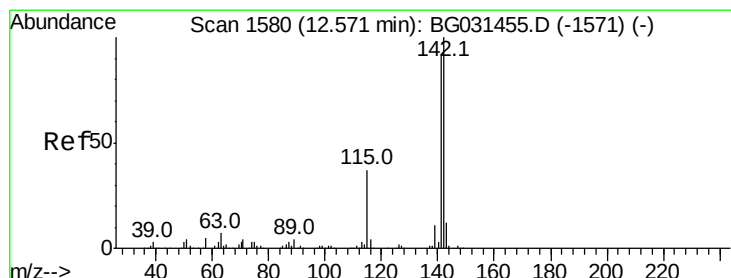
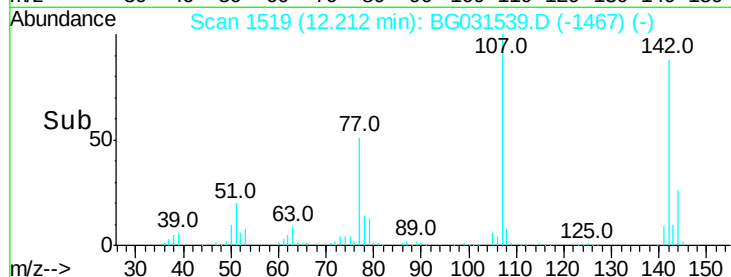
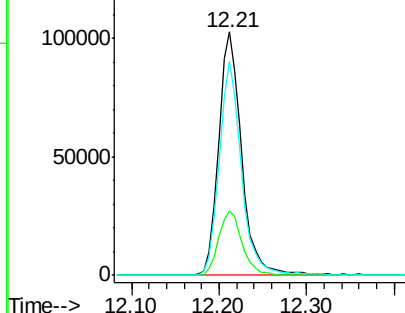
#36
 4-Chloro-3-methylphenol
 Concen: 50.250 ng
 RT: 12.21 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.3	18.2	27.4
142	88.0	59.0	88.4

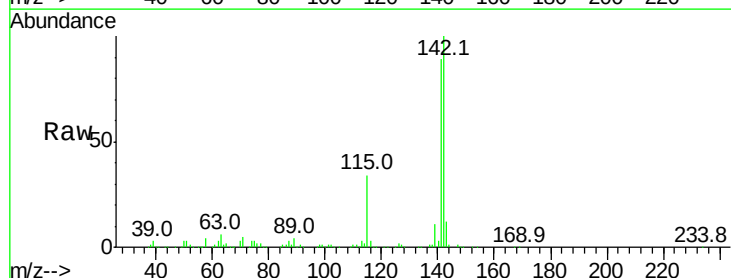


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

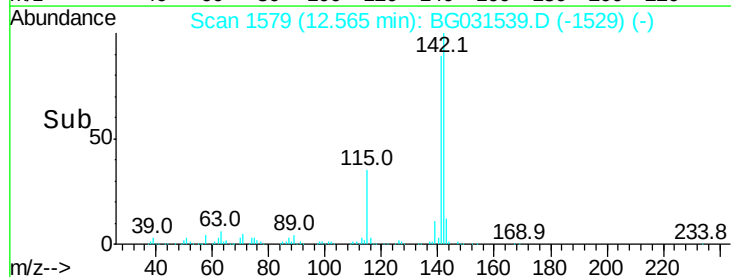
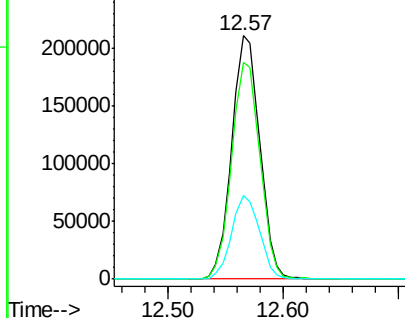


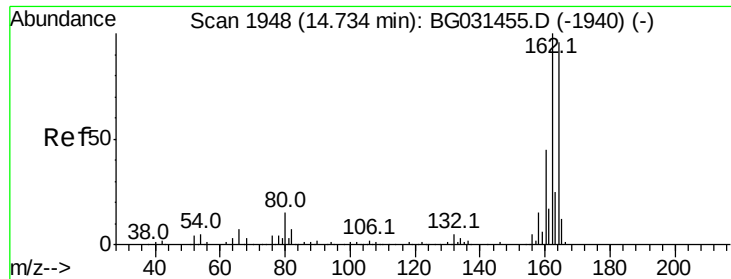
#37
 2-Methylnaphthalene
 Concen: 42.326 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	67.1	100.7
115	34.4	30.7	46.1



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

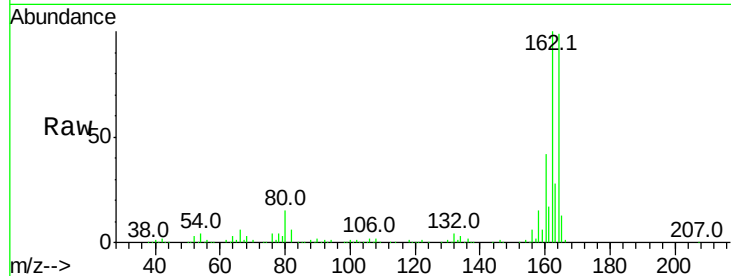
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 162736

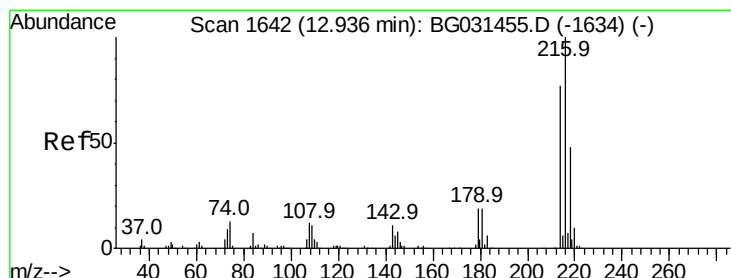
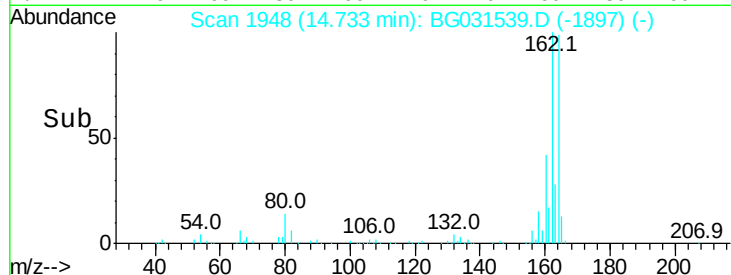
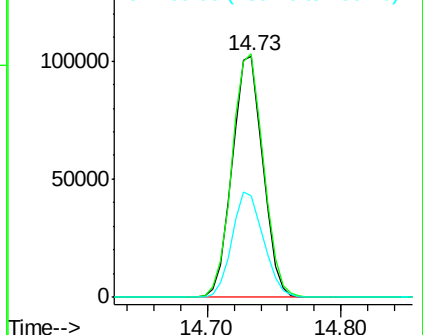
Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	42.2	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.543 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:216 Resp: 232416

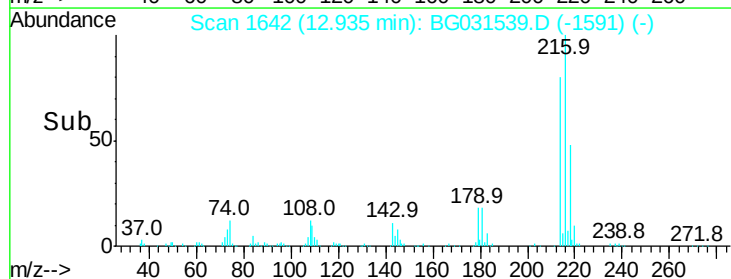
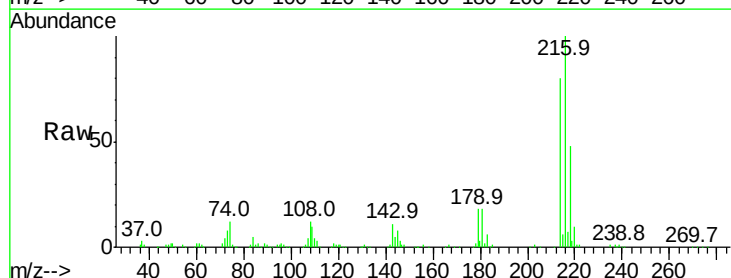
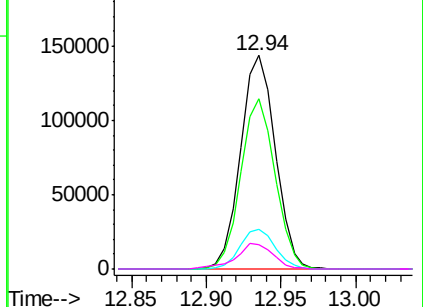
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	18.9	17.0	25.6
108	12.9	12.8	19.2

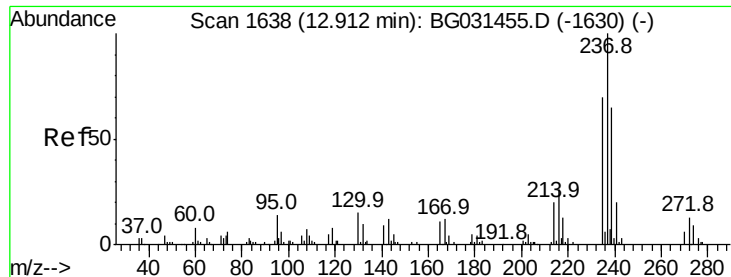
Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.790 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

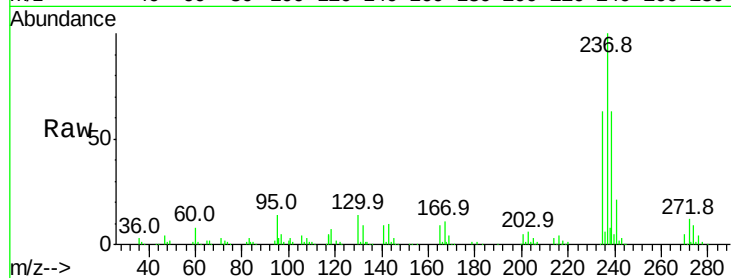
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 133853

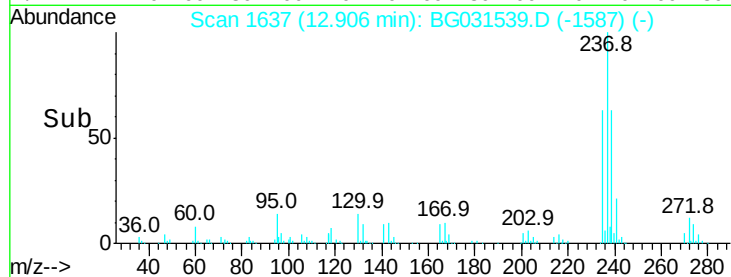
Ion	Ratio	Lower	Upper
237	100		
235	63.1	50.4	90.4
272	12.2	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

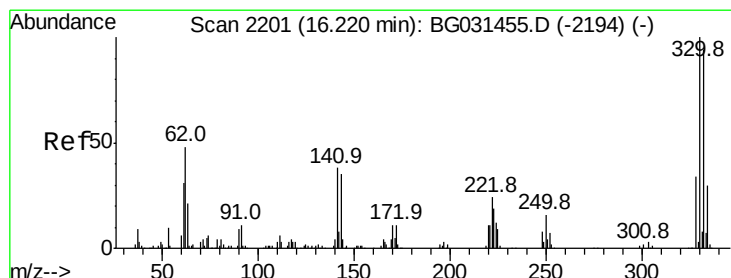
Ion 271.75 (271.45 to 272.45): E



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: 173.470 ng

RT: 16.22 min Scan# 2201

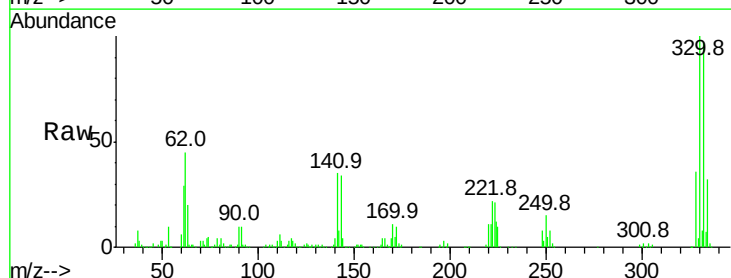
Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Tgt Ion:330 Resp: 330725

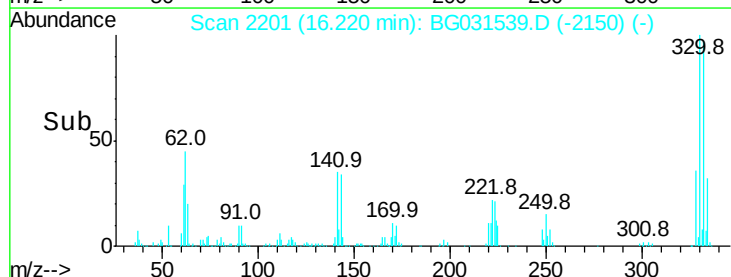
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	35.8	25.2	37.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

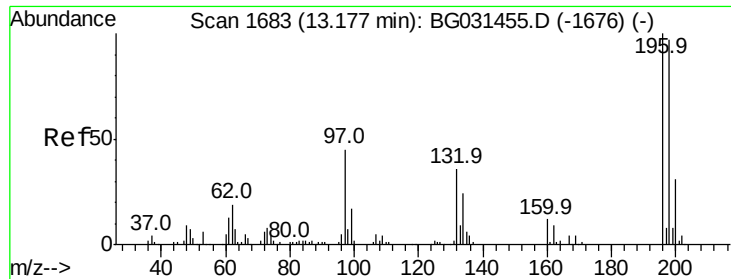
Ion 141.00 (140.70 to 141.70): E



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

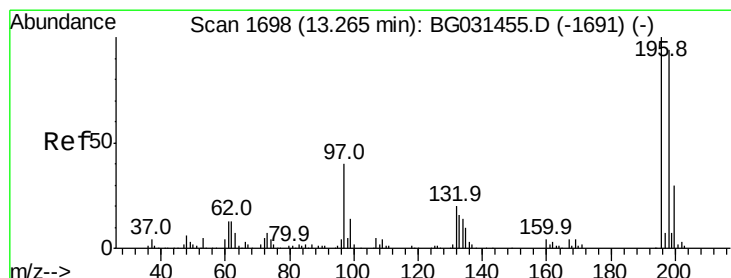
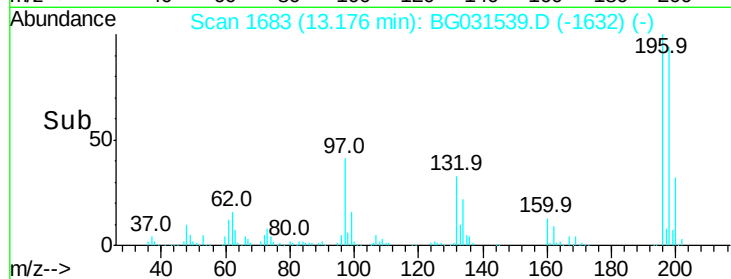
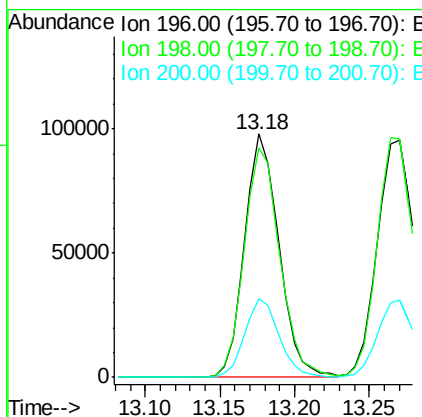
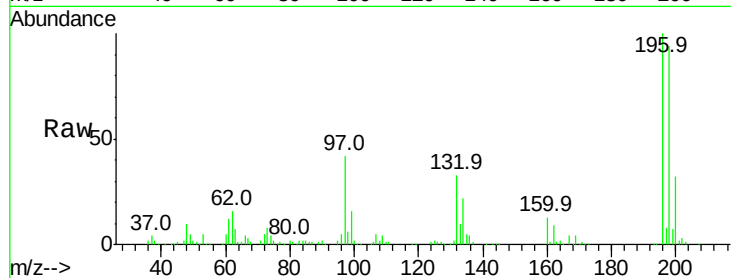
Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.028 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

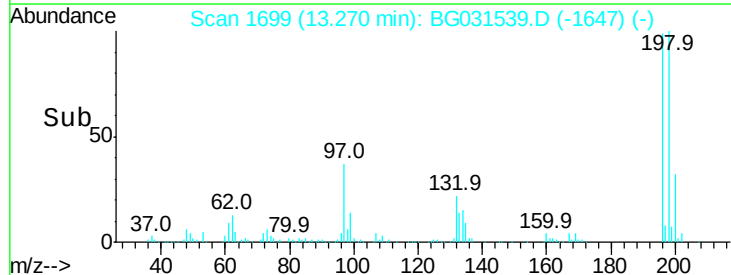
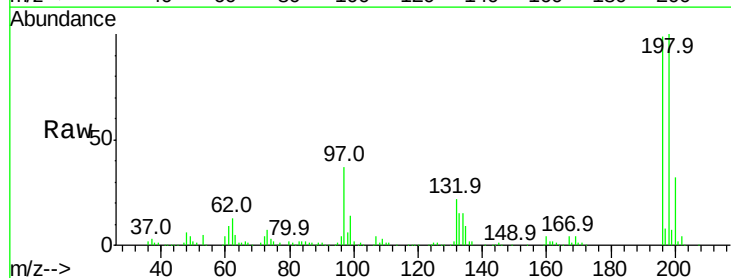
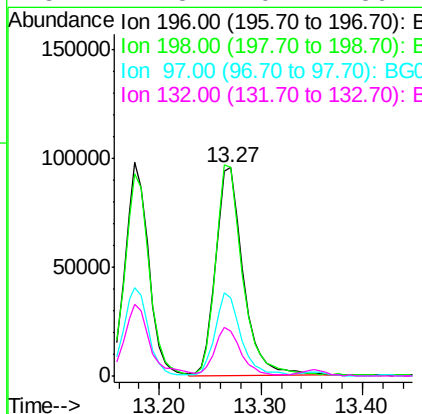
Instrument :
 BNA_G
 ClientSampleId :

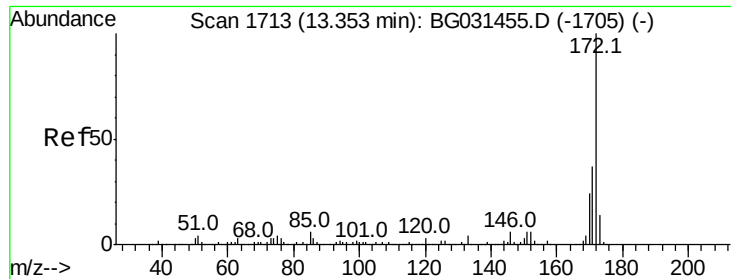
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	78.2	117.2
200	32.3	24.6	36.8



#43
 2,4,5-Trichlorophenol
 Concen: 51.223 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	76.2	114.4
97	37.6	38.7	58.1#
132	21.8	20.2	30.2

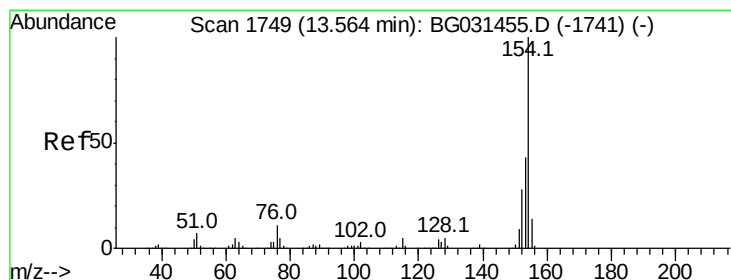
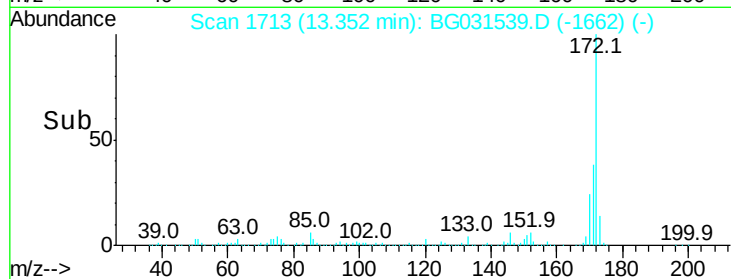
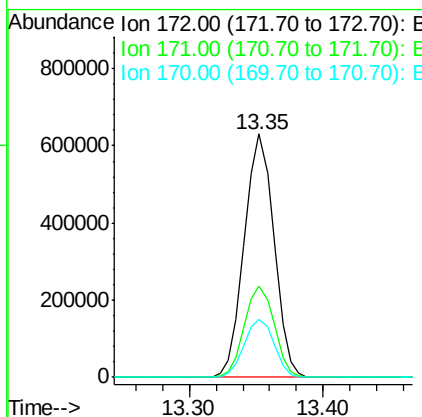
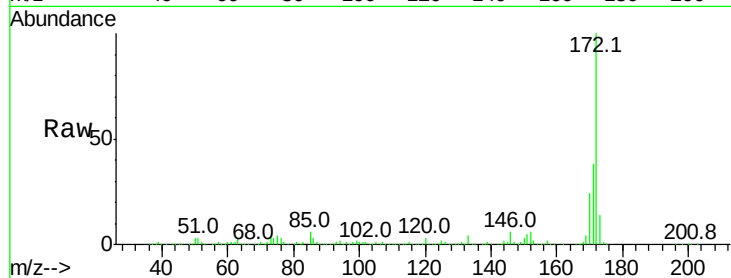




#44
2-Fluorobiphenyl
Concen: 87.356 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

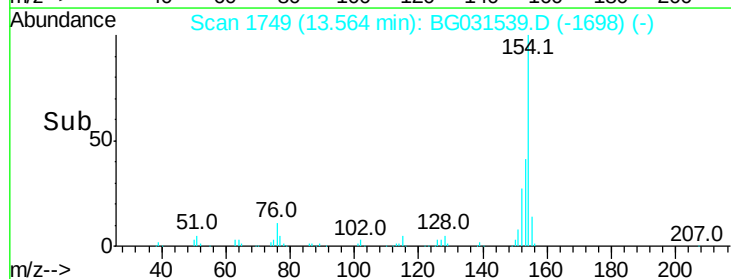
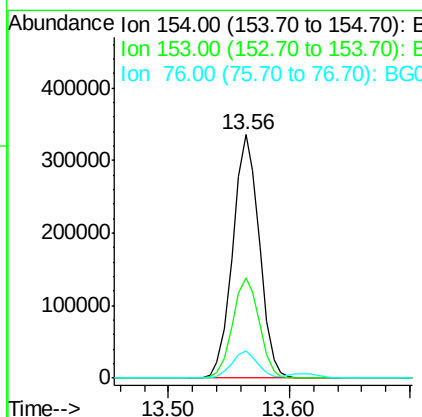
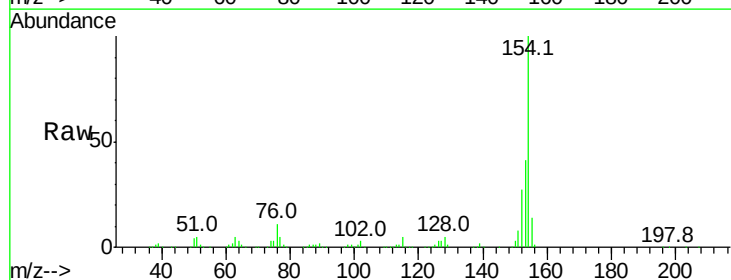
Instrument :
BNA_G
ClientSampleId :

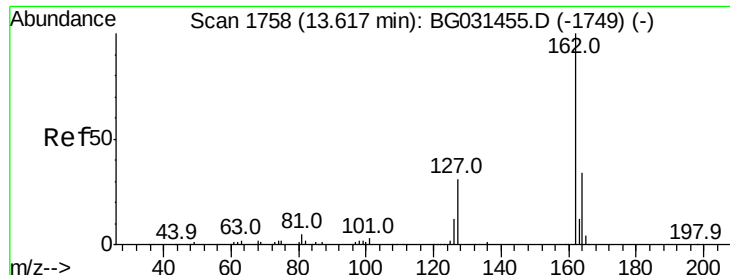
Tot Ion:172 Resp: 968477
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 24.0 19.5 29.3



#45
1,1'-Biphenyl
Concen: 38.425 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion:154 Resp: 513592
Ion Ratio Lower Upper
154 100
153 41.3 19.8 59.8
76 11.2 0.0 31.9

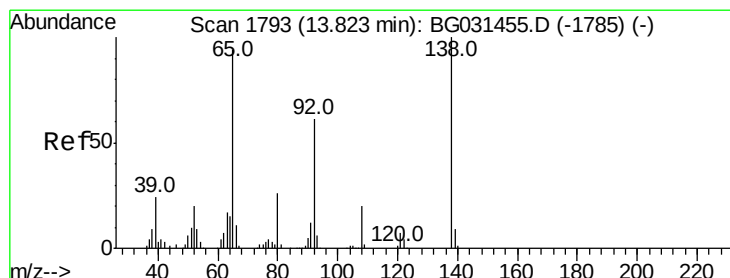
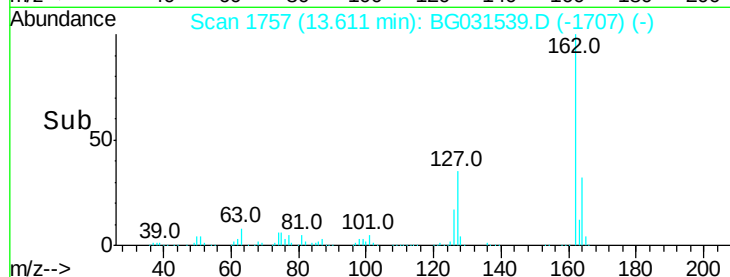
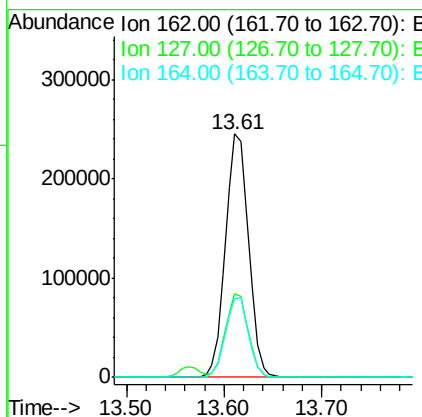
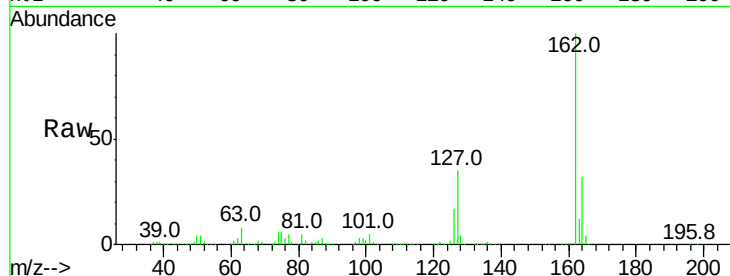




#46
 2-Chloronaphthalene
 Concen: 41.242 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

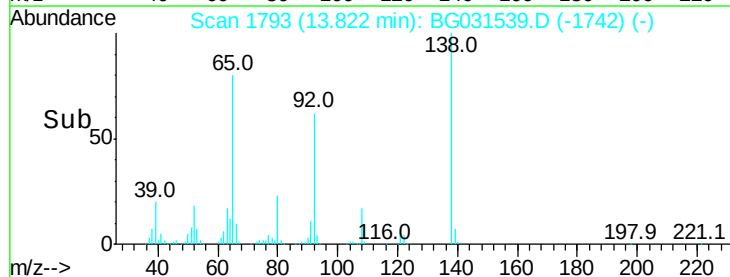
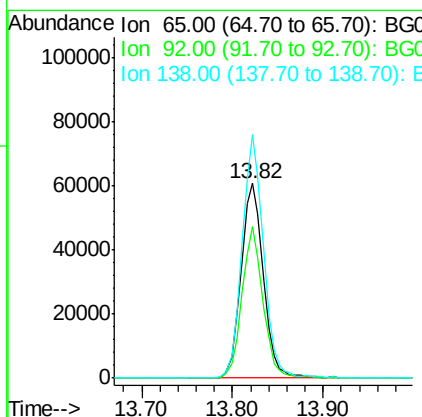
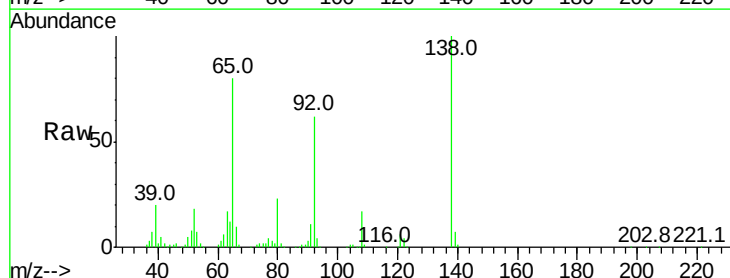
Instrument :
 BNA_G
 ClientSampleId :

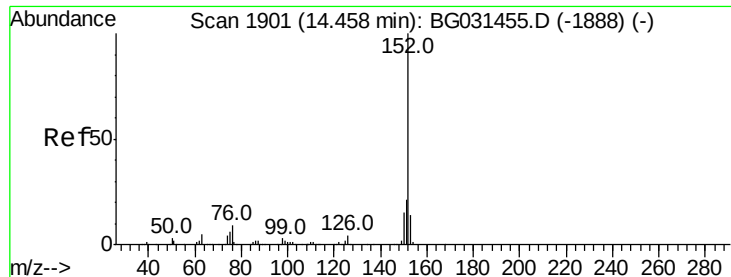
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.5	30.7	46.1
164	32.1	26.0	39.0



#47
 2-Nitroaniline
 Concen: 37.894 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.7	54.6	82.0
138	125.2	72.9	109.3





#48

Acenaphthylene

Concen: 38.920 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampled :

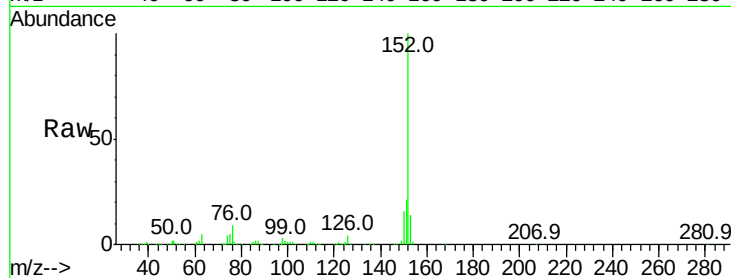
Tot Ion:152 Resp: 612651

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

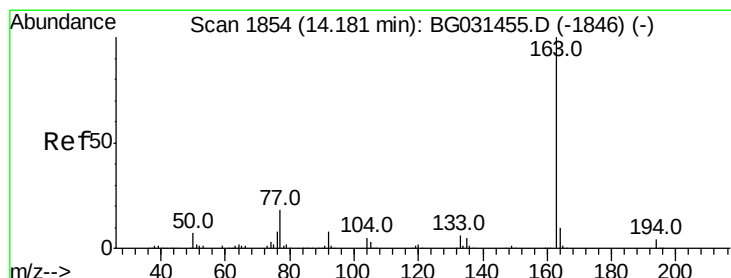
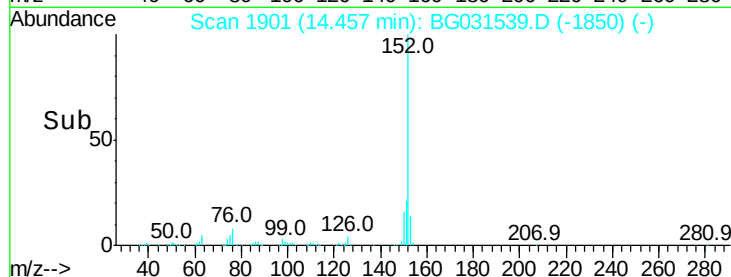
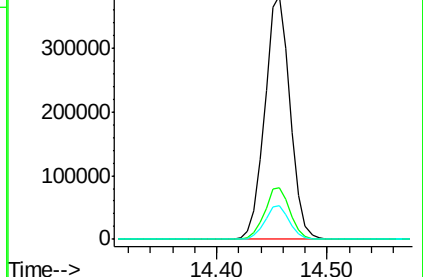
153 14.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.368 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

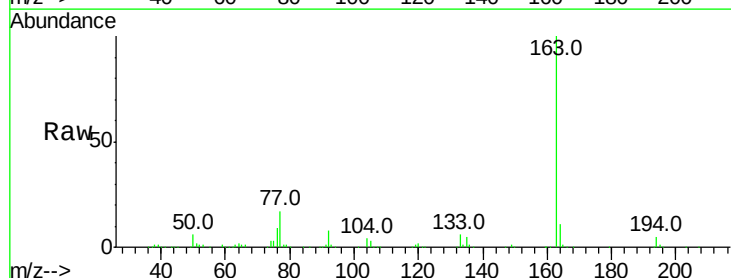
Tgt Ion:163 Resp: 611230

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

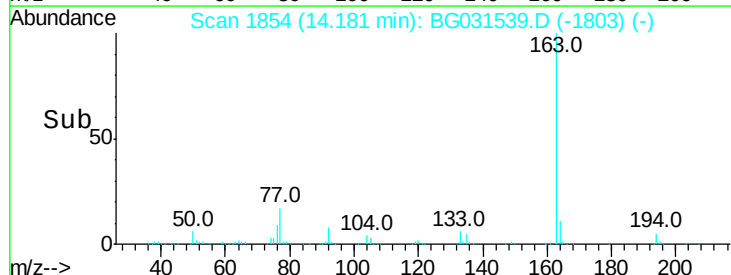
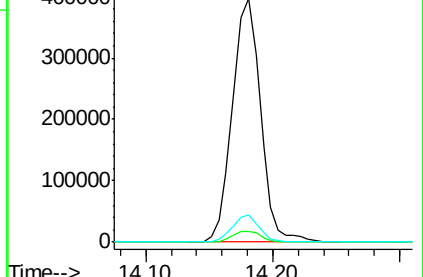
164 11.0 8.2 12.4

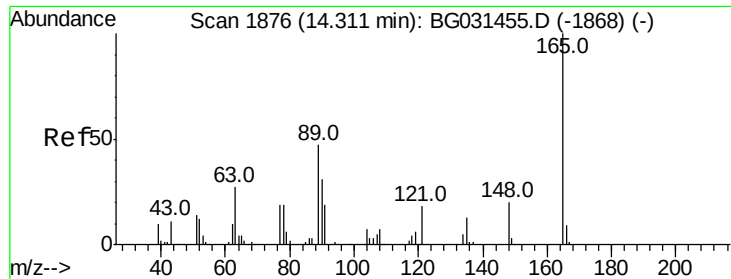


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

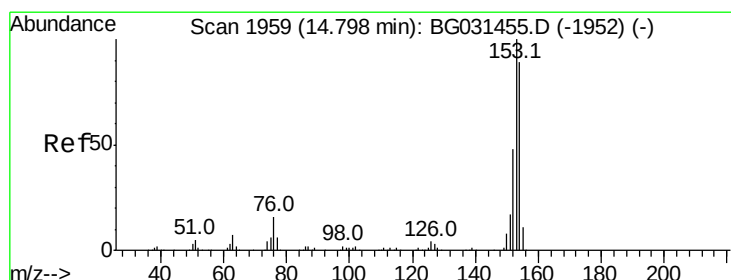
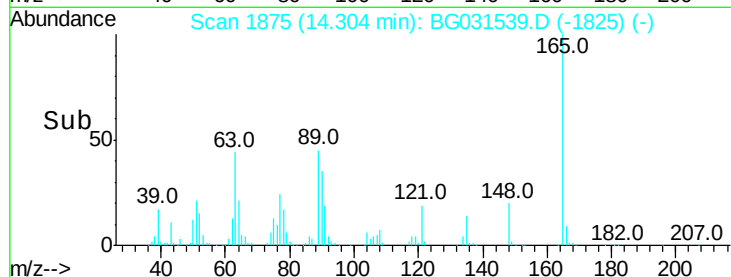
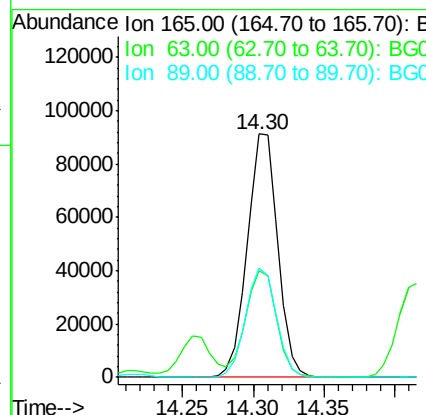
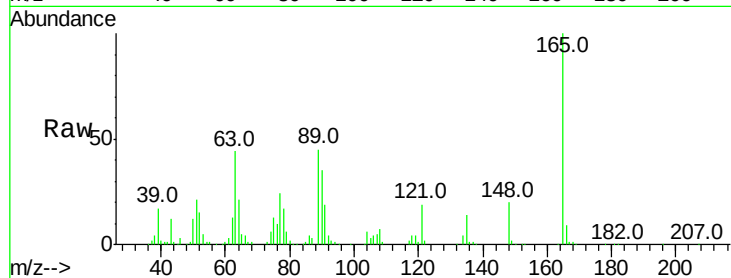




#50
 2,6-Dinitrotoluene
 Concen: 48.023 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

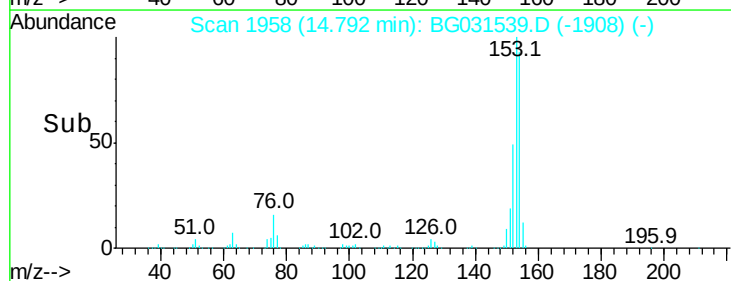
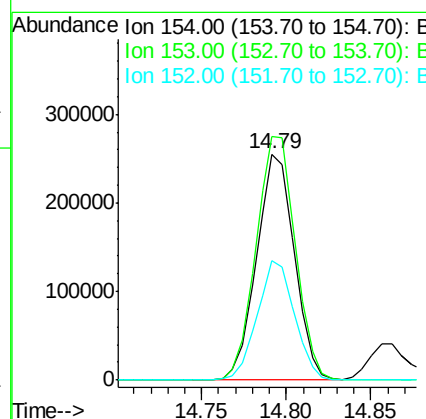
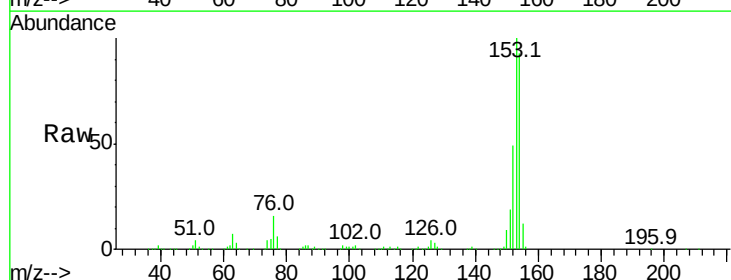
Instrument :
 BNA_G
 ClientSampleId :

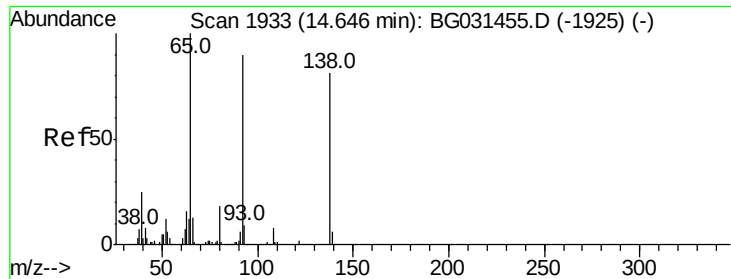
Tot Ion:165 Resp: 138294
 Ion Ratio Lower Upper
 165 100
 63 43.9 52.7 79.1#
 89 44.9 49.2 73.8#



#51
 Acenaphthene
 Concen: 39.565 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion:154 Resp: 393803
 Ion Ratio Lower Upper
 154 100
 153 107.6 90.4 135.6
 152 52.9 41.6 62.4

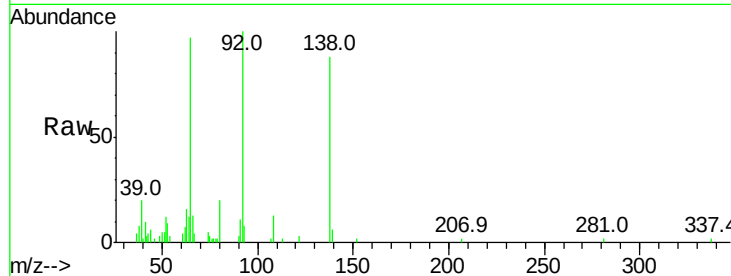




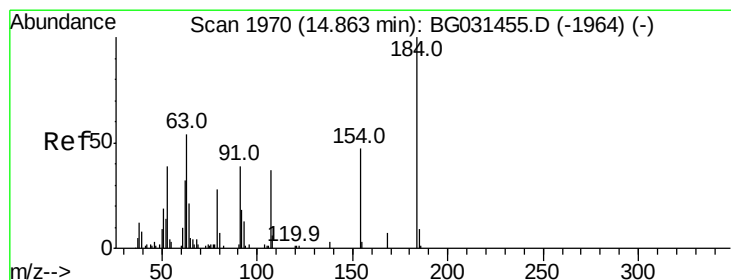
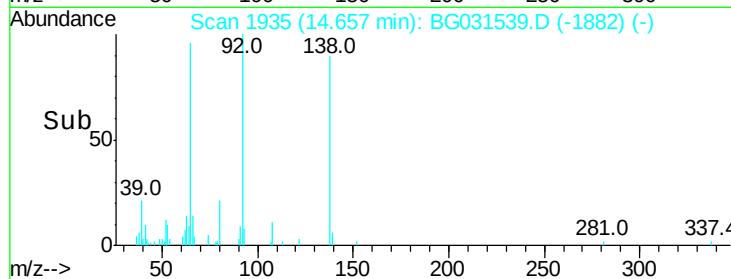
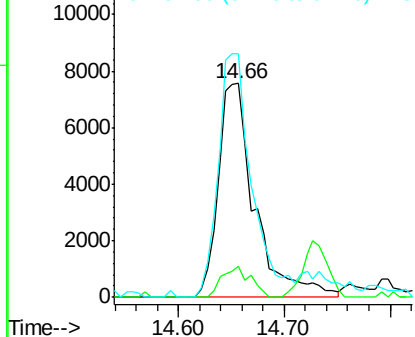
#52
3-Nitroaniline
Concen: 6.177 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 18132
Ion Ratio Lower Upper
138 100
108 14.4 17.5 26.3#
92 113.9 105.8 158.8

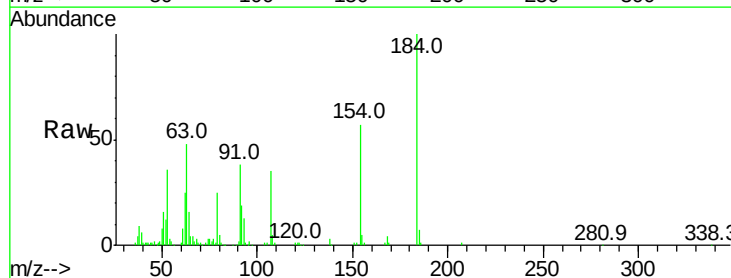


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

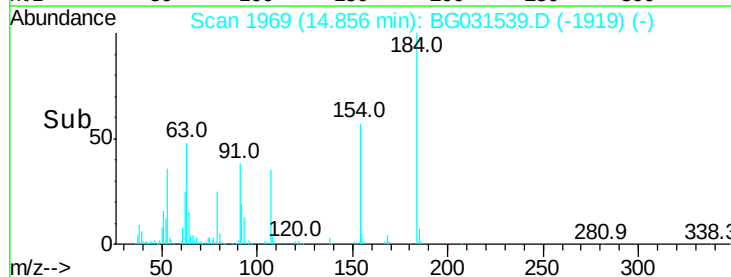
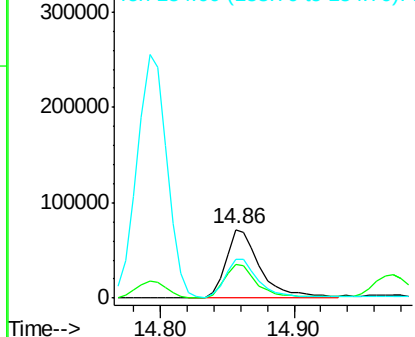


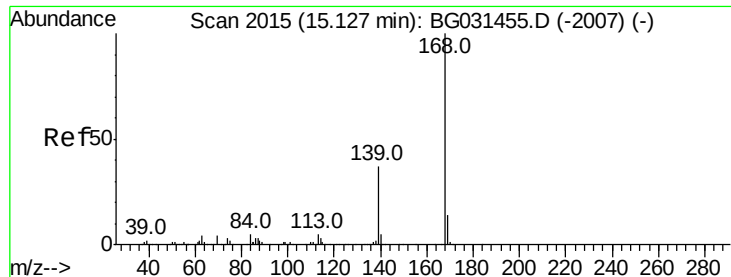
#53
2,4-Dinitrophenol
Concen: 104.535 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion:184 Resp: 129387
Ion Ratio Lower Upper
184 100
63 48.5 59.8 89.8#
154 56.9 101.8 152.8#



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

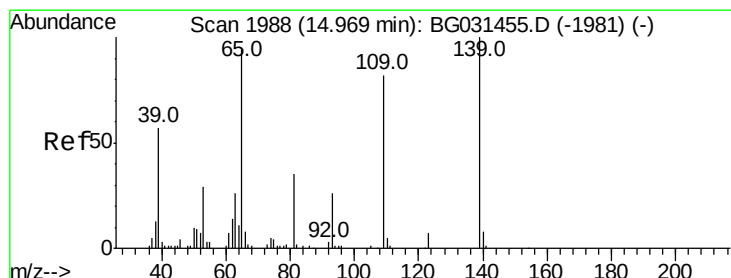
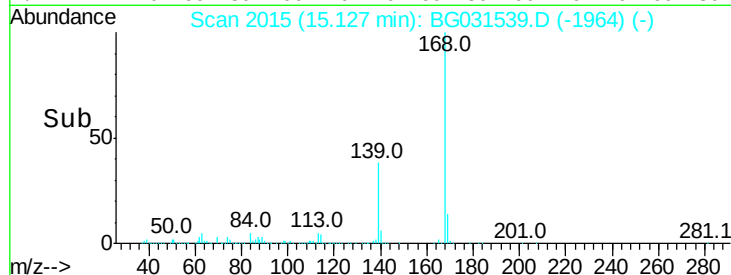
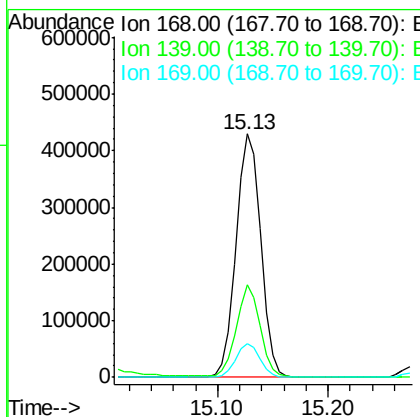
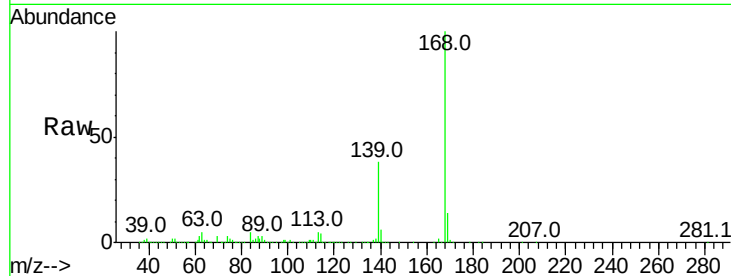




#54
Dibenzofuran
Concen: 42.529 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

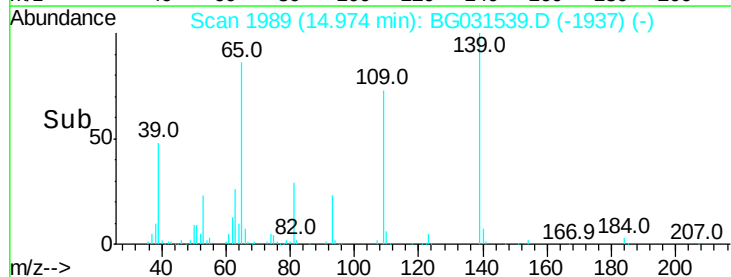
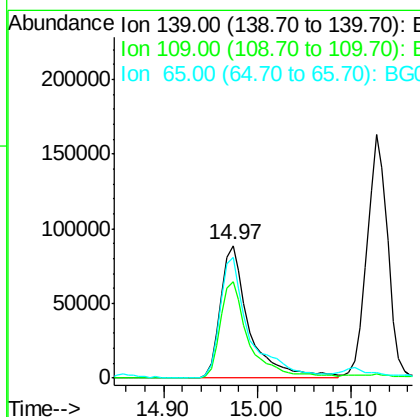
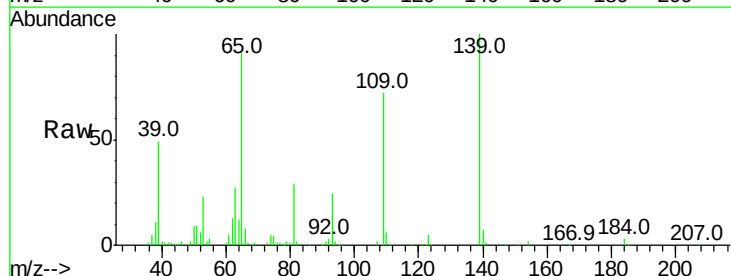
Instrument :
BNA_G
ClientSampled :

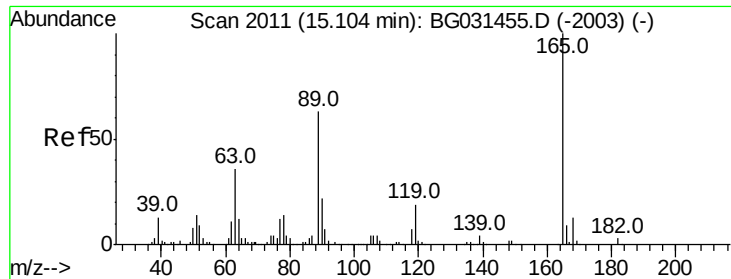
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	28.6	43.0
169	13.7	11.2	16.8



#55
4-Nitrophenol
Concen: 94.950 ng
RT: 14.97 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.3	62.2	102.2
65	91.1	97.2	137.2#

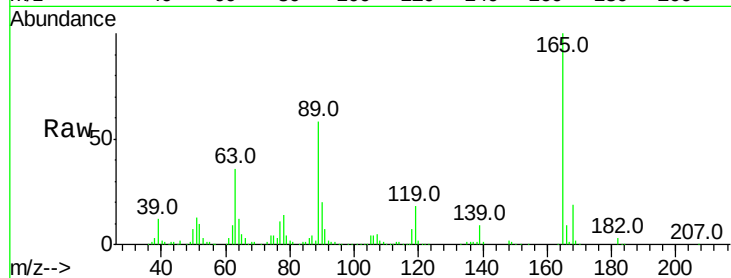




#56
2,4-Dinitrotoluene
Concen: 50.465 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.9	42.0	63.0#
89	57.7	66.9	100.3#
182	2.9	2.6	3.8

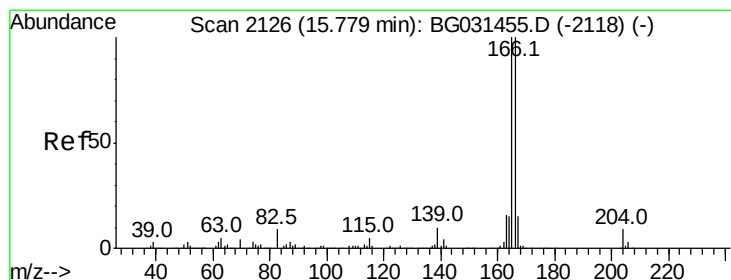
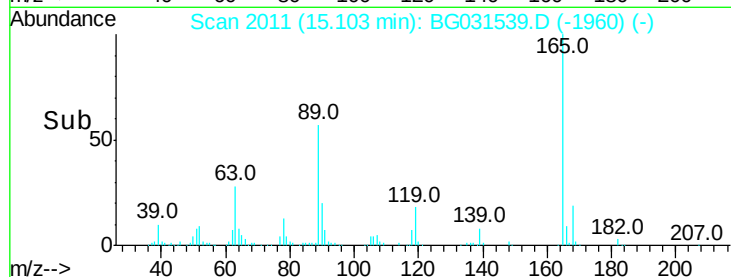
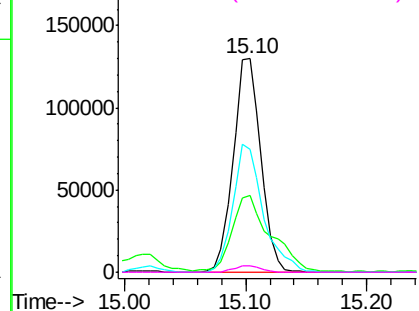


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

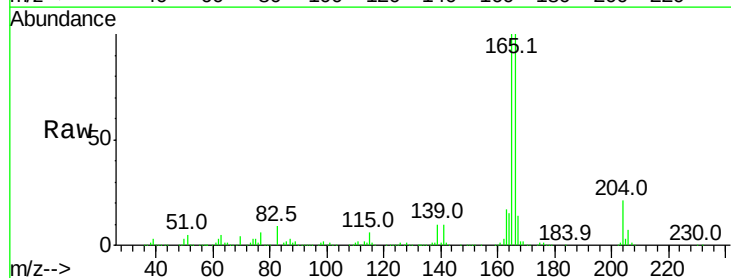
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 43.661 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

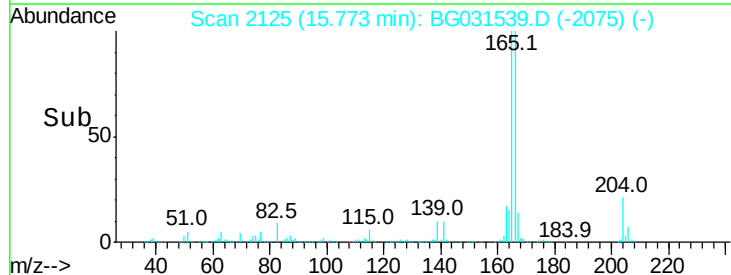
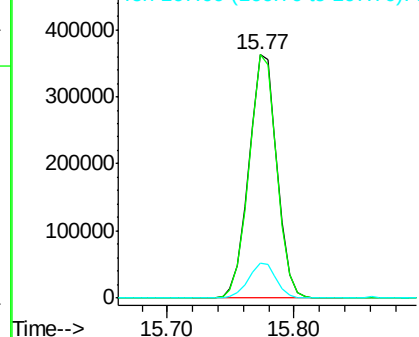
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.6	121.0
167	14.3	10.4	15.6

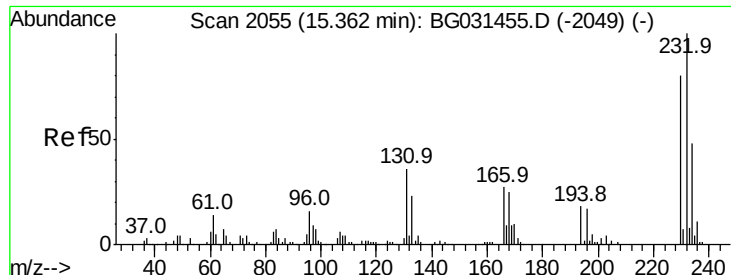


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

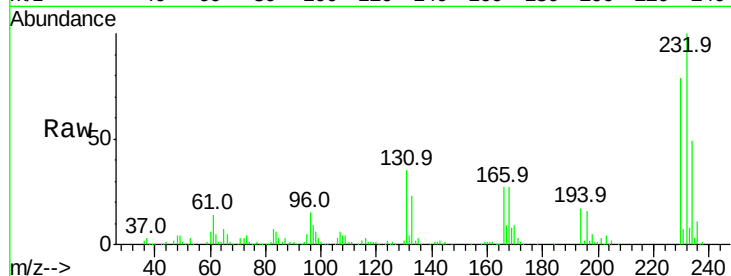




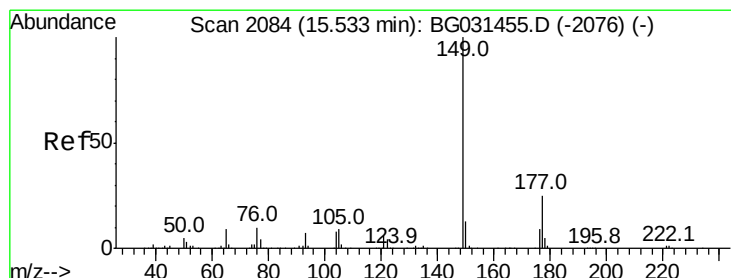
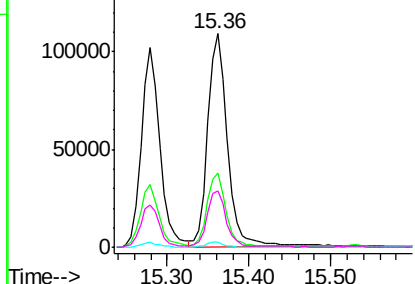
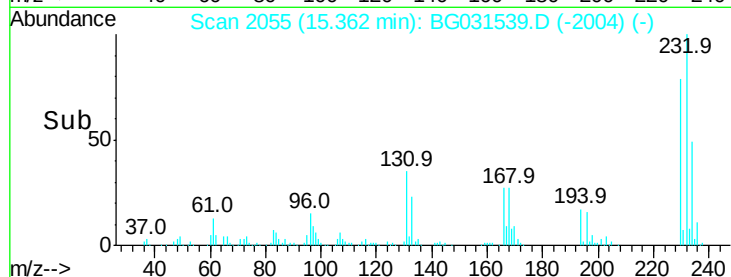
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.270 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 181848
 Ion Ratio Lower Upper
 232 100
 131 32.7 33.5 50.3#
 130 2.2 2.2 3.2
 166 25.6 24.8 37.2

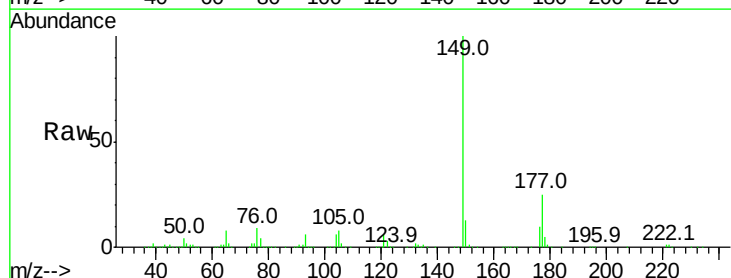


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

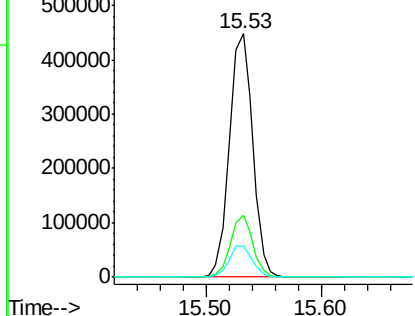
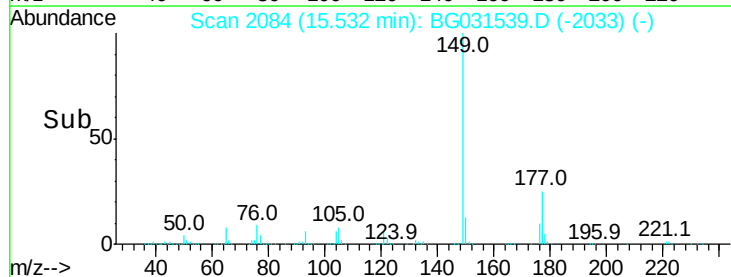


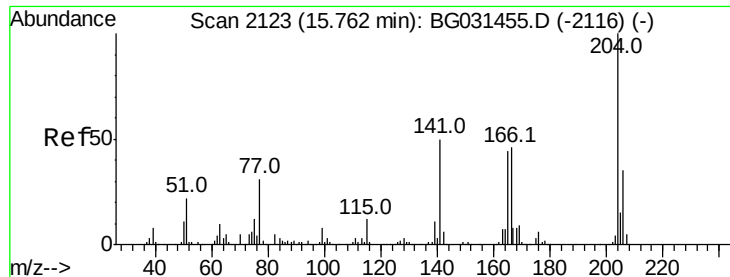
#59
 Diethylphthalate
 Concen: 46.224 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion:149 Resp: 624245
 Ion Ratio Lower Upper
 149 100
 177 25.3 18.5 27.7
 150 12.6 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

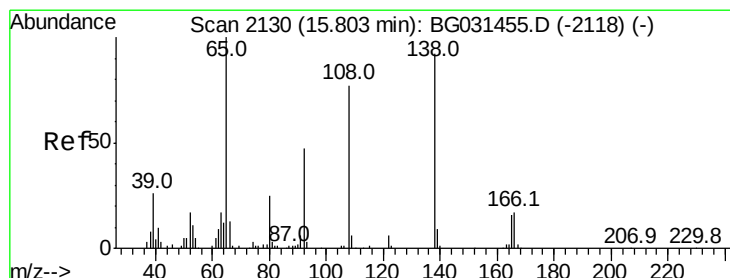
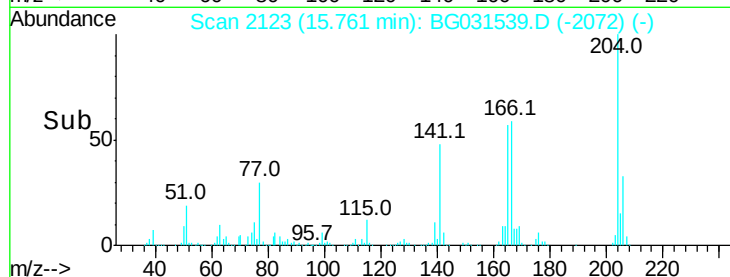
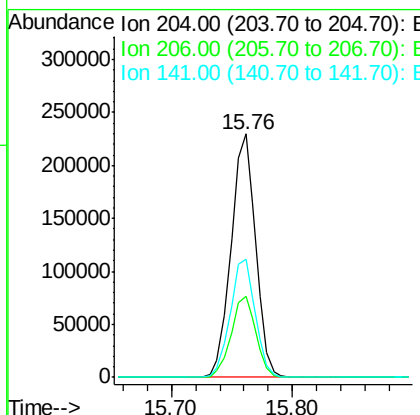
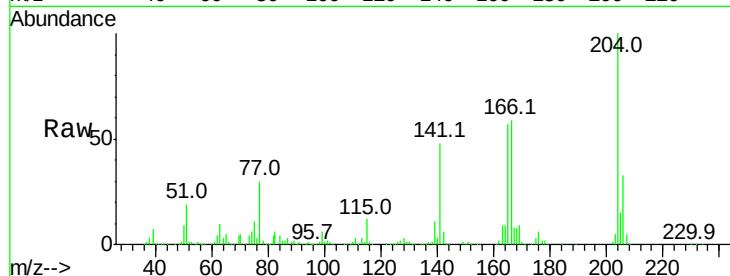




#60
4-Chlorophenyl-phenylether
Concen: 41.575 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

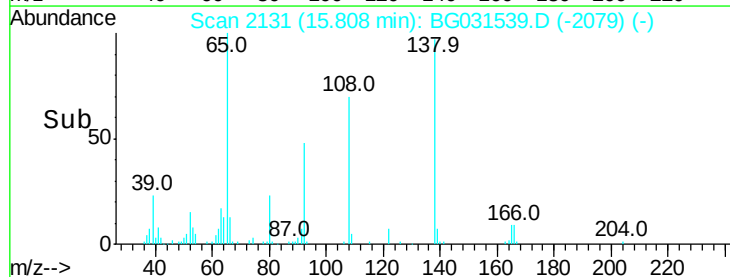
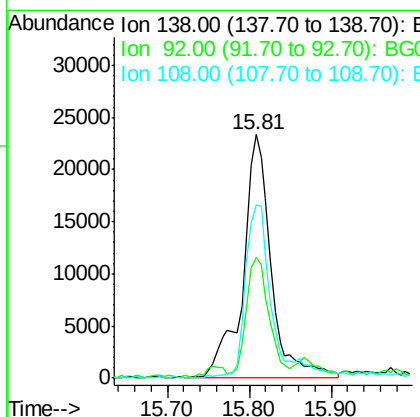
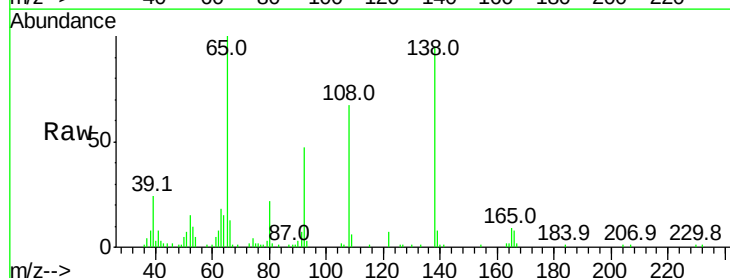
Instrument :
BNA_G
ClientSampled :

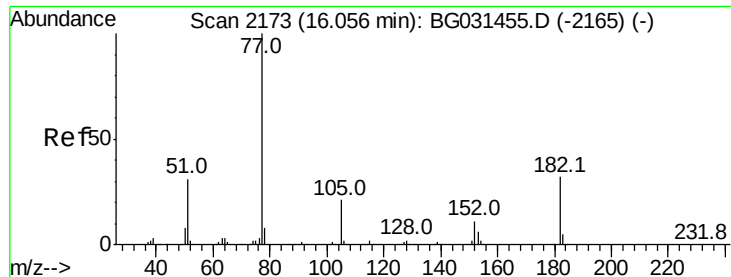
Tot Ion:204 Resp: 323713
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 48.5 45.8 68.6



#61
4-Nitroaniline
Concen: 18.358 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion:138 Resp: 56553
Ion Ratio Lower Upper
138 100
92 49.7 40.1 80.1
108 70.9 65.4 105.4

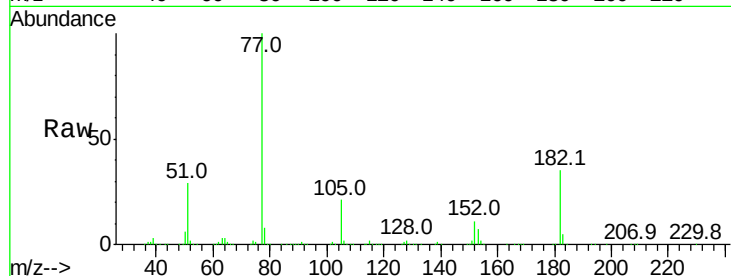




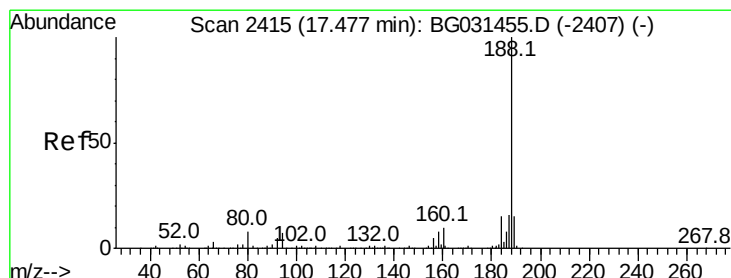
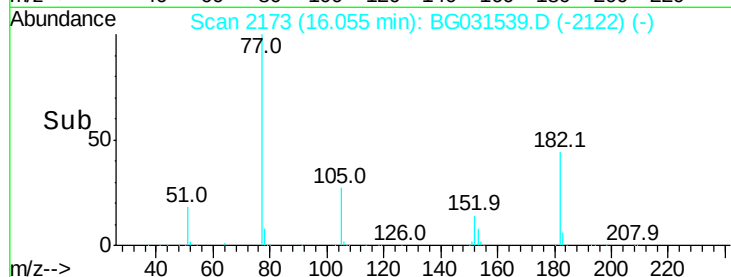
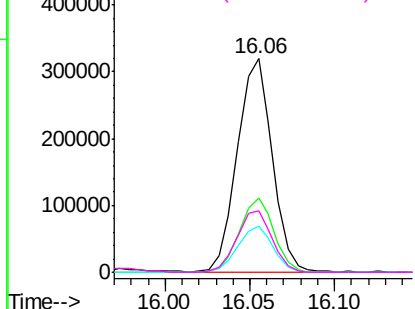
#62
Azobenzene
Concen: 40.864 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 457149
Ion Ratio Lower Upper
77 100
182 34.6 7.4 47.4
105 21.4 0.3 40.3
51 28.7 11.6 51.6

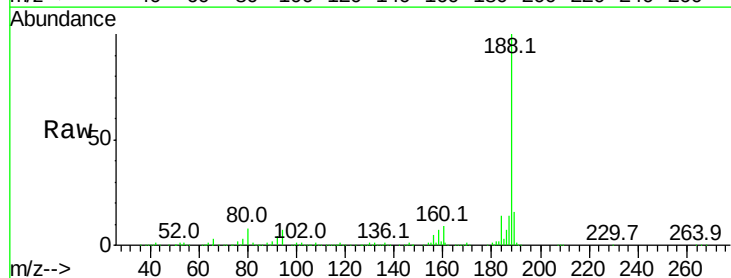


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

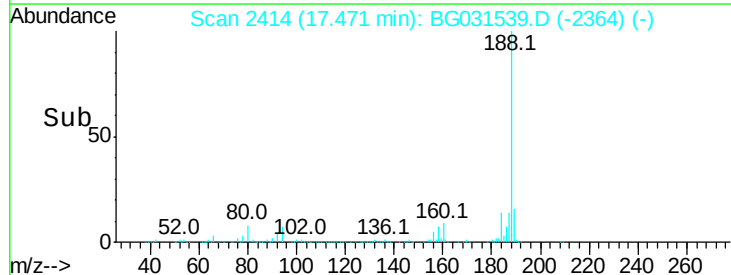
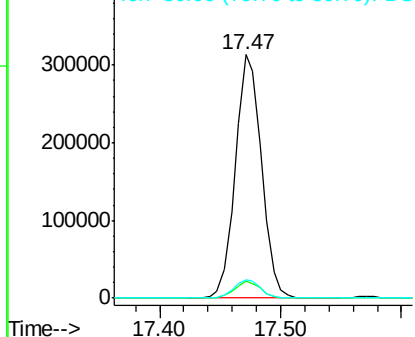


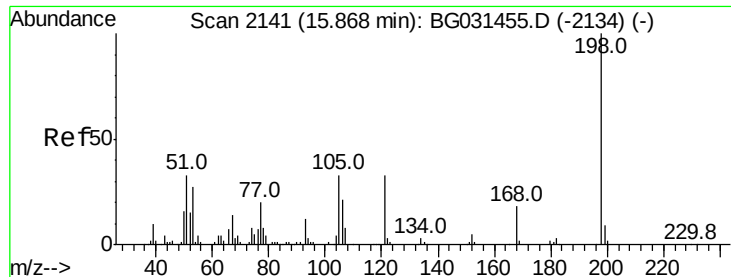
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion: 188 Resp: 471994
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.5 7.7 11.5#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 39.063 ng

RT: 15.87 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampled :

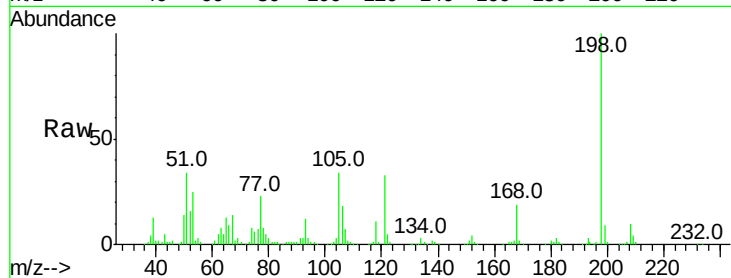
Tot Ion:198 Resp: 108690

Ion	Ratio	Lower	Upper
198	100		
51	34.3	30.6	70.6
105	33.7	23.8	63.8

198 100

51 34.3 30.6 70.6

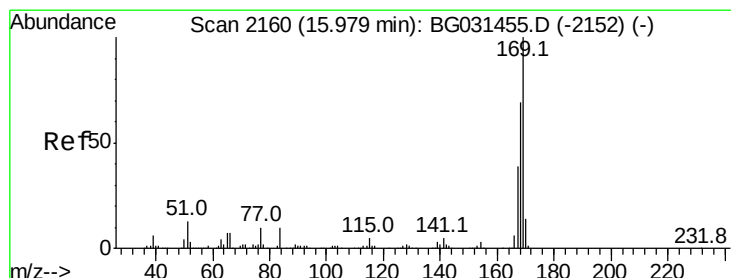
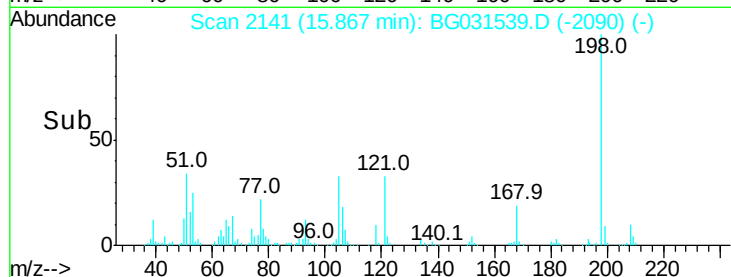
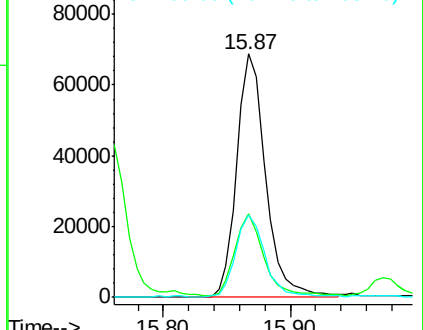
105 33.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 5.211 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

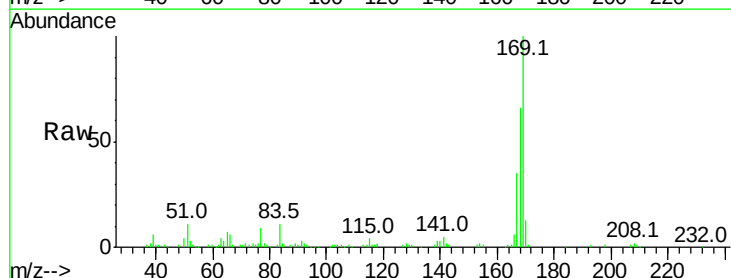
Tgt Ion:169 Resp: 71988

Ion	Ratio	Lower	Upper
169	100		
168	65.9	55.7	83.5
167	35.5	30.1	45.1

169 100

168 65.9 55.7 83.5

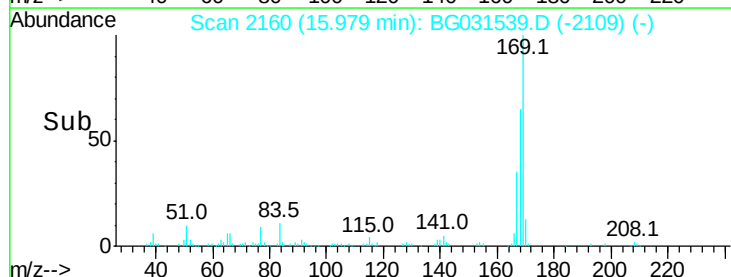
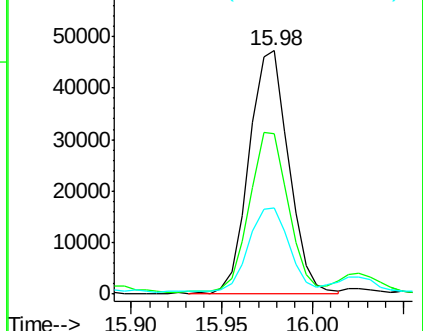
167 35.5 30.1 45.1

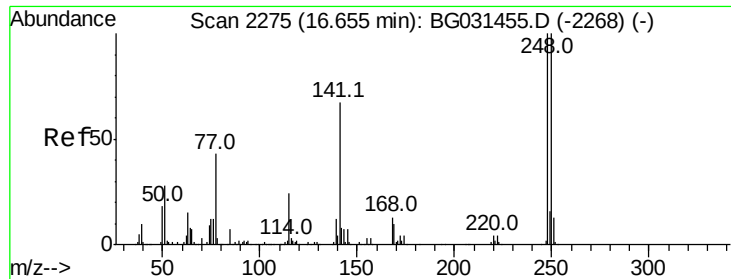


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

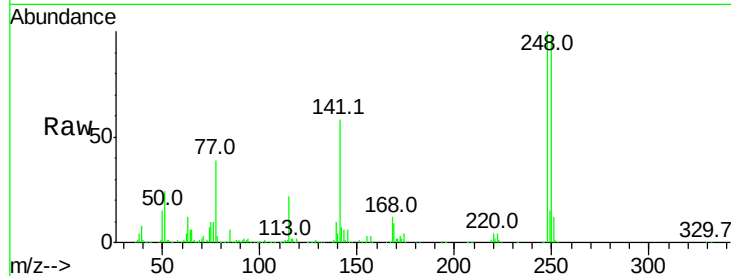




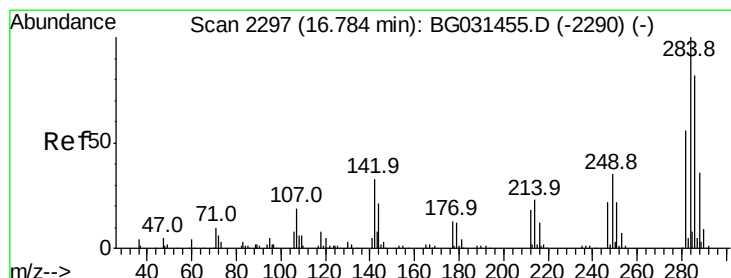
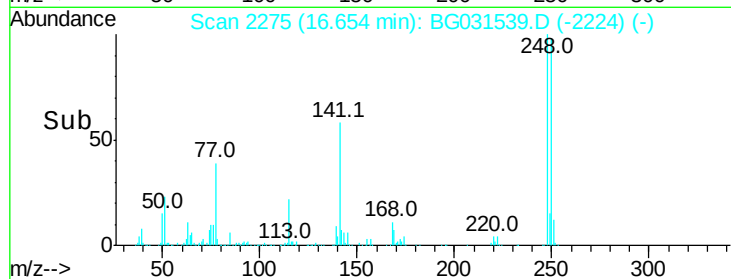
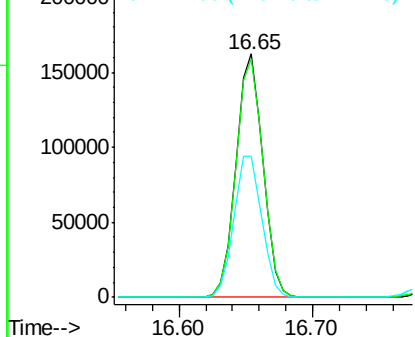
#66
4-Bromophenyl-phenylether
Concen: 41.319 ng
RT: 16.65 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 226782
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 58.1 50.8 76.2

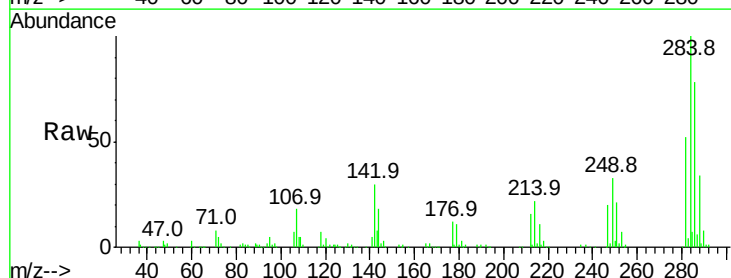


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

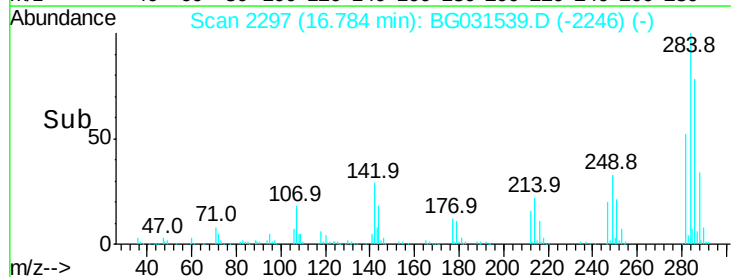
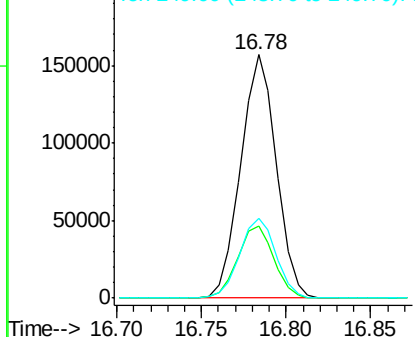


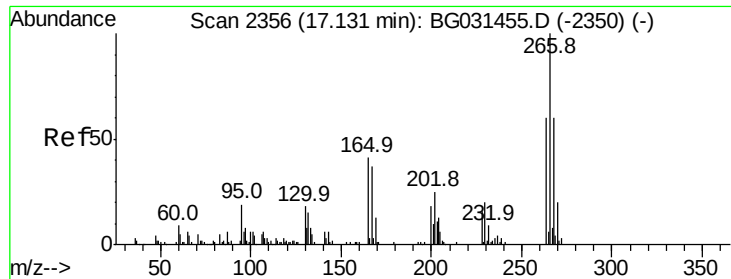
#67
Hexachlorobenzene
Concen: 40.598 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion:284 Resp: 230088
Ion Ratio Lower Upper
284 100
142 29.6 26.8 40.2
249 32.6 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

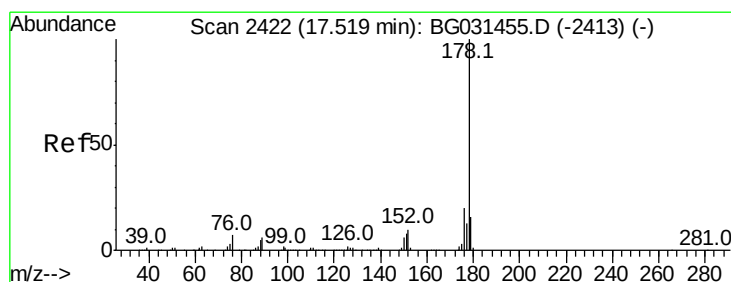
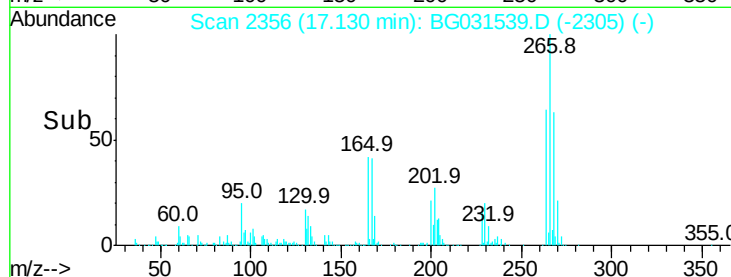
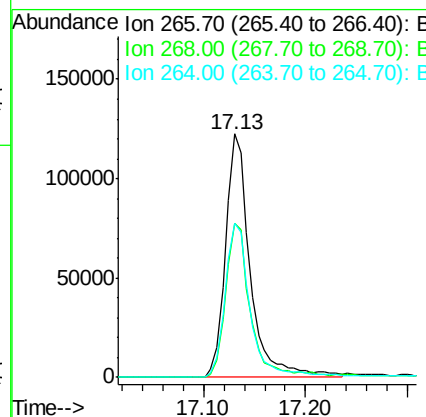
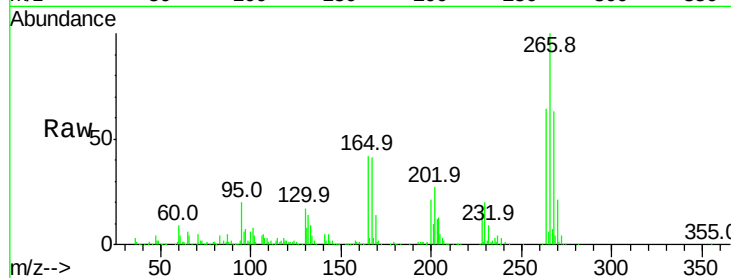




#69
 Pentachlorophenol
 Concen: 76.447 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

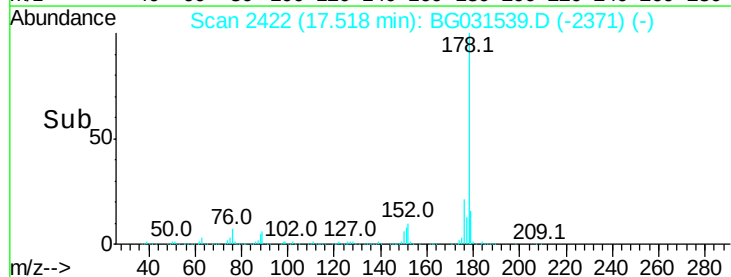
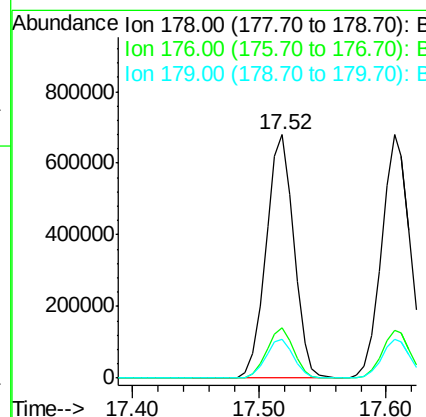
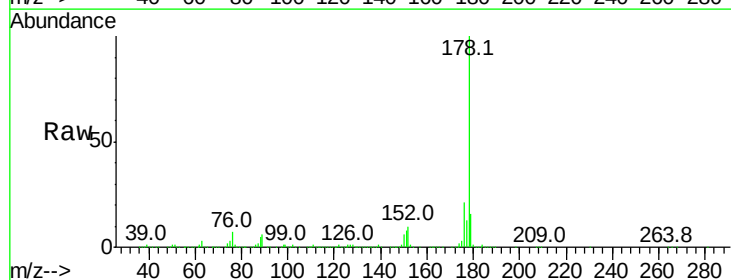
Instrument :
 BNA_G
 ClientSampleId :

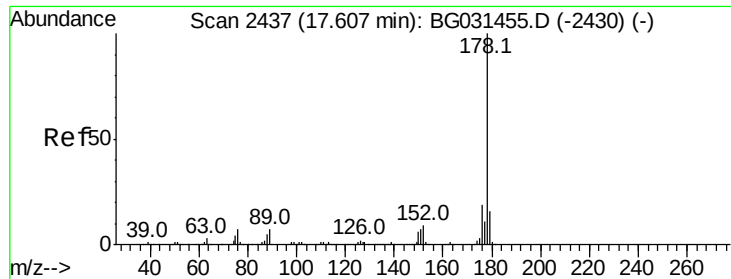
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.5	49.6	74.4



#70
 Phenanthrene
 Concen: 41.924 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	16.0	12.5	18.7



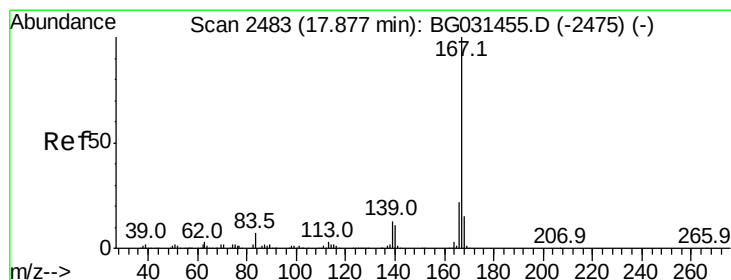
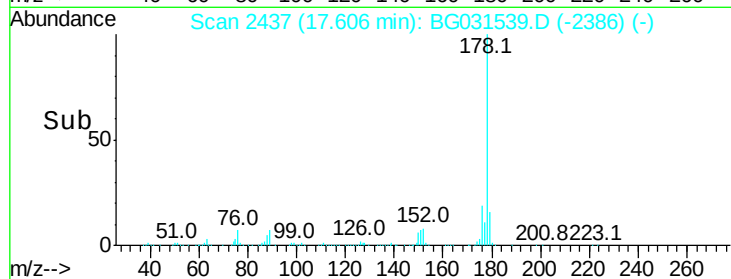
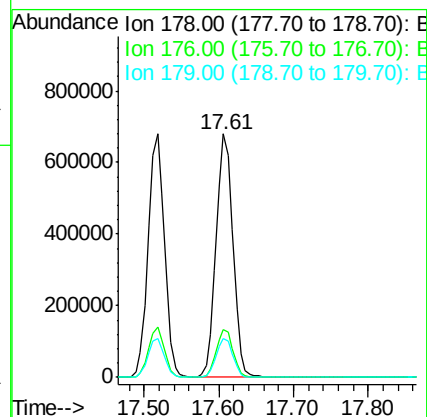
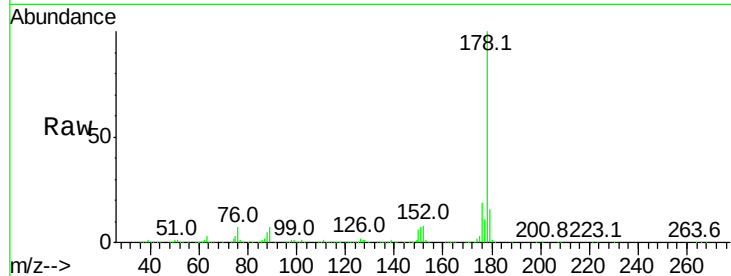


#71
 Anthracene
 Concen: 43.518 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1060951

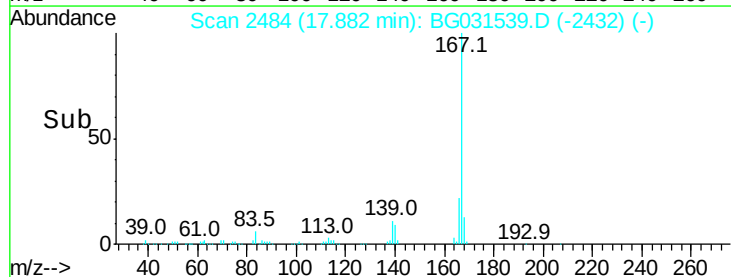
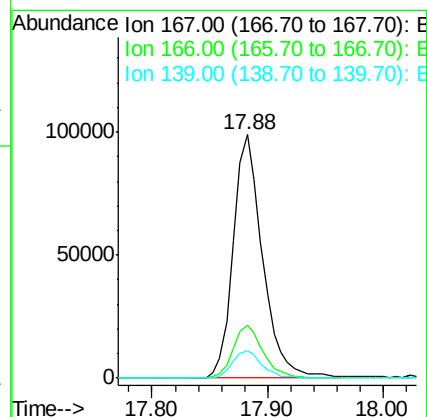
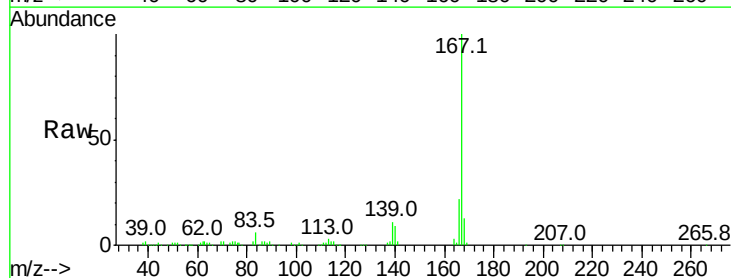
Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.1	12.5	18.7

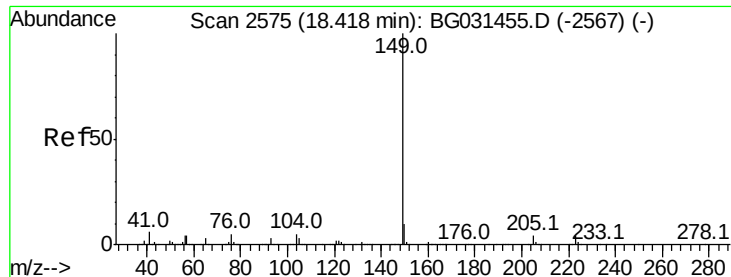


#72
 Carbazole
 Concen: 7.839 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion:167 Resp: 172952

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	11.2	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.177 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

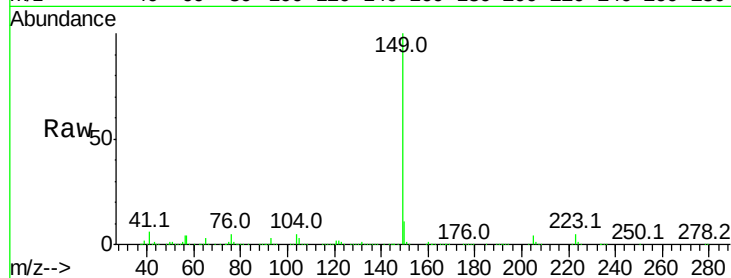
Tot Ion:149 Resp: 1176493

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.6

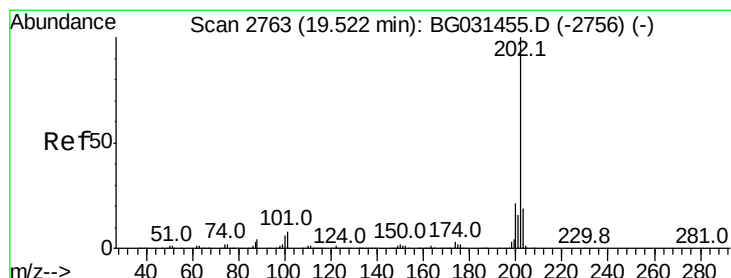
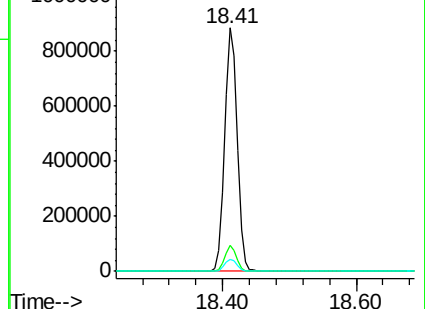
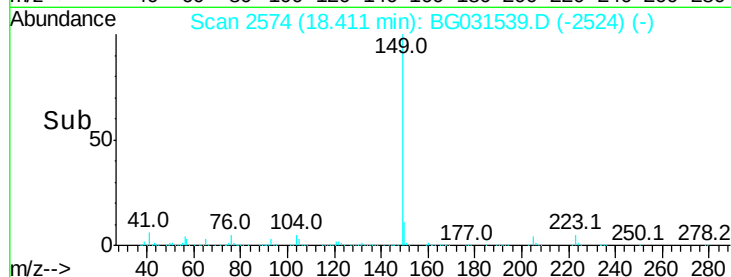
104 5.0 3.9 5.9



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: 44.616 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

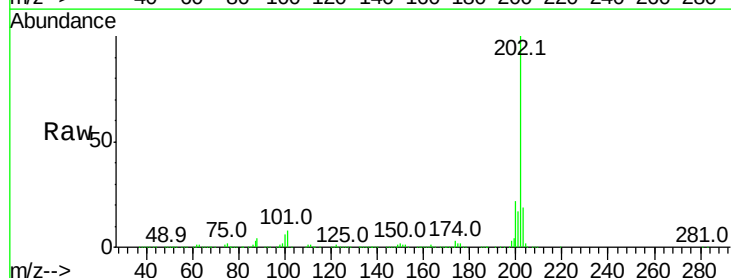
Tgt Ion:202 Resp: 1376386

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.9

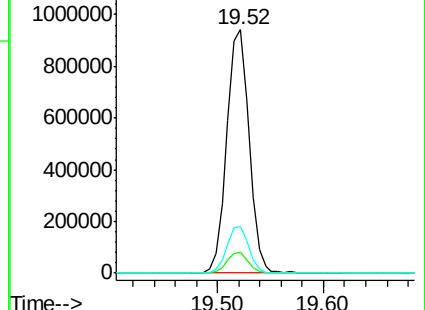
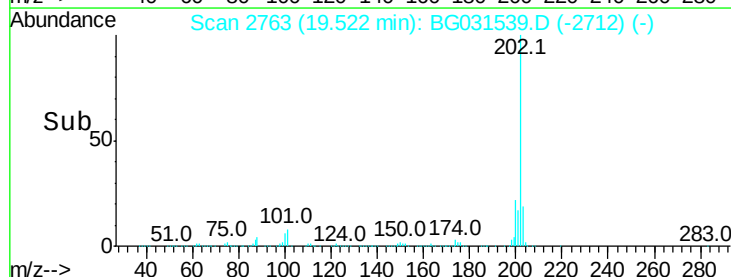
203 19.0 0.0 37.5

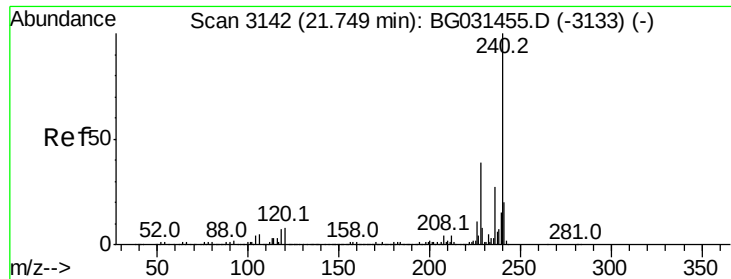


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

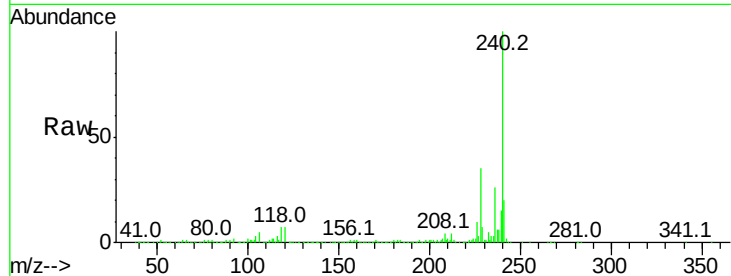
Tot Ion:240 Resp: 526876

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

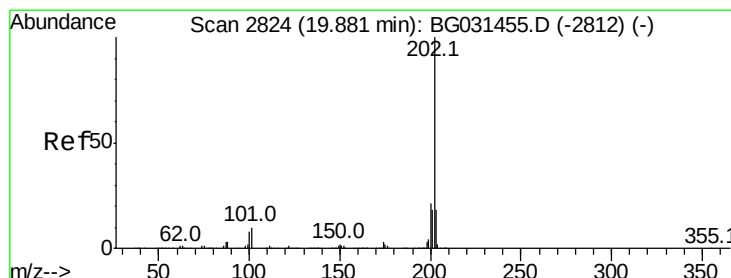
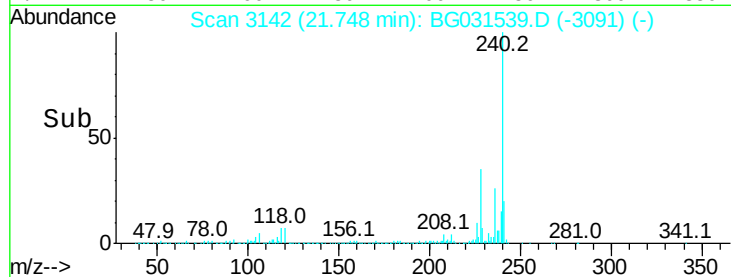
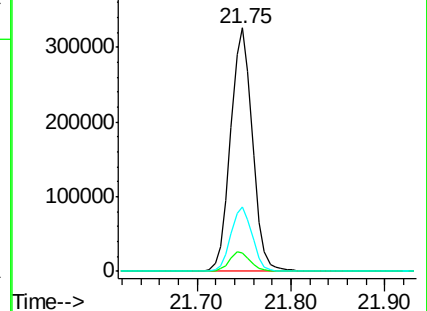
236 26.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 42.050 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

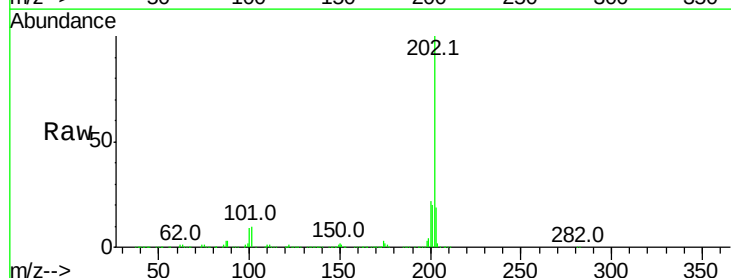
Tgt Ion:202 Resp: 1376641

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

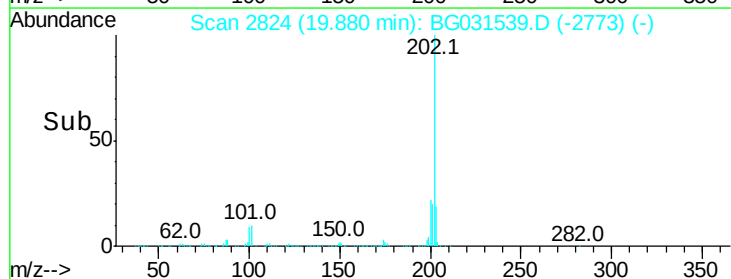
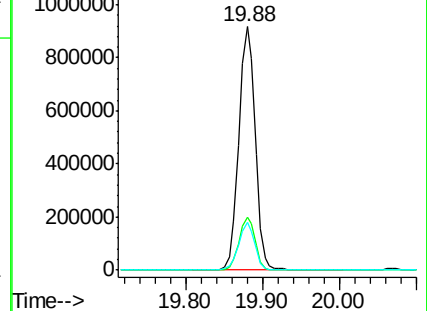
203 19.5 13.9 20.9

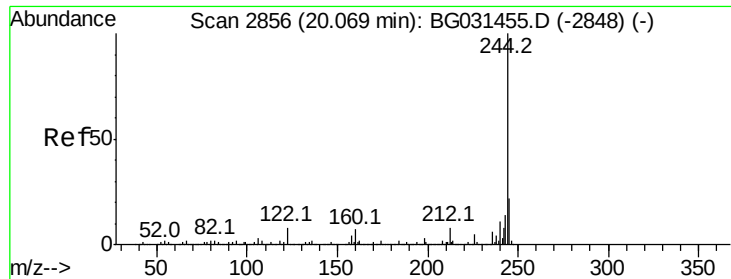


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.752 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

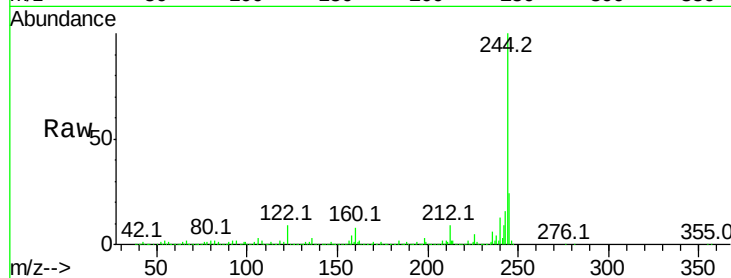
Tot Ion:244 Resp: 2171088

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

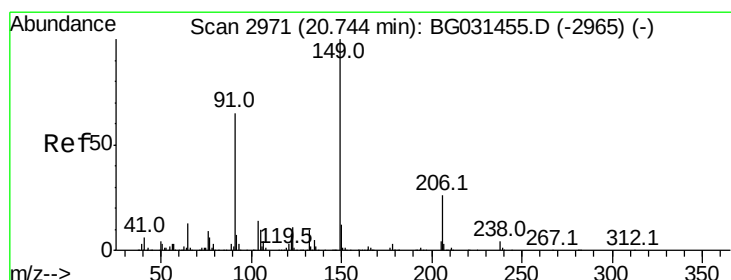
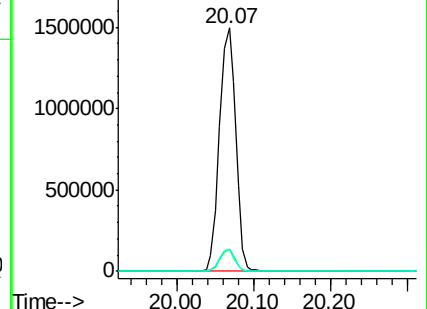
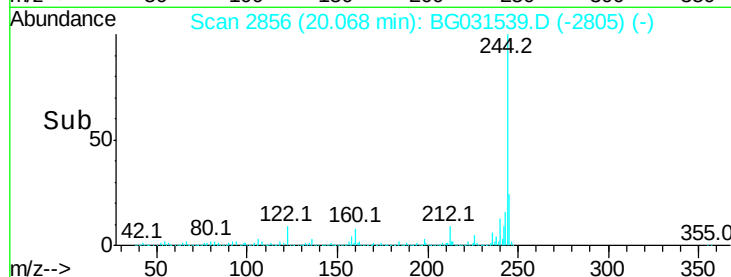
122 9.1 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 45.973 ng

RT: 20.74 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

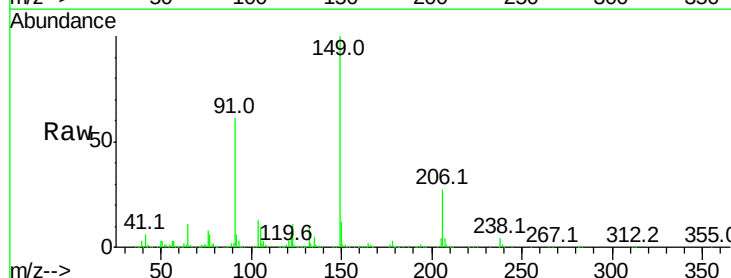
Tgt Ion:149 Resp: 527989

Ion Ratio Lower Upper

149 100

91 61.0 62.2 93.2#

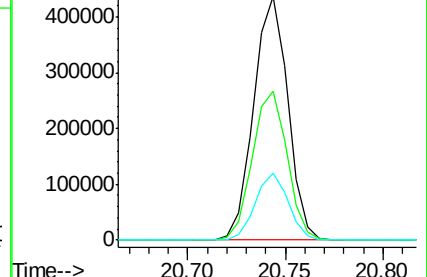
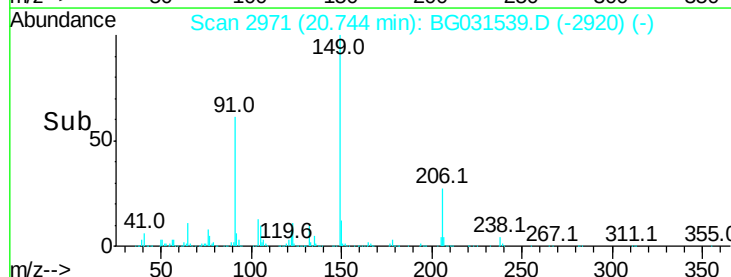
206 27.4 18.6 27.8

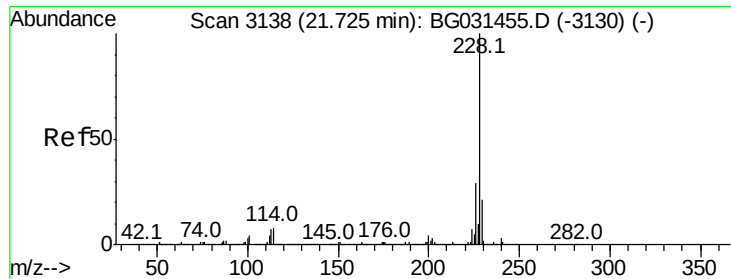


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

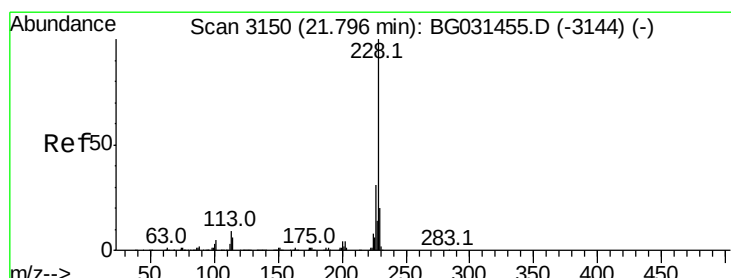
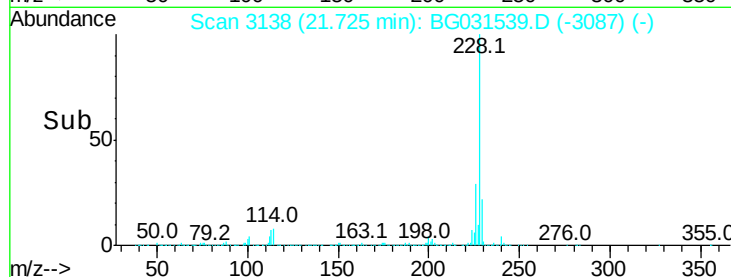
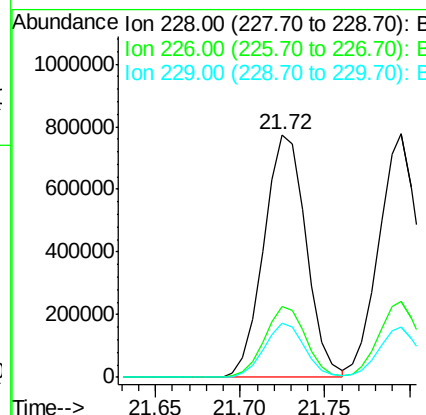
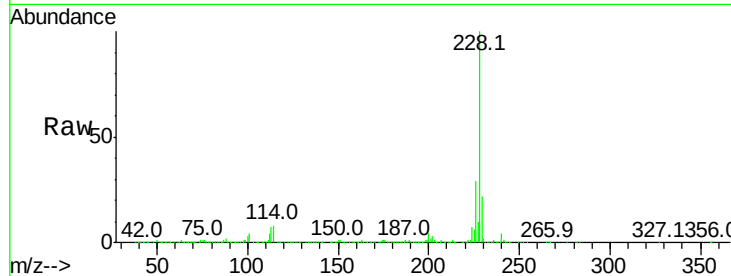




#80
Benzo(a)anthracene
Concen: 42.372 ng
RT: 21.72 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

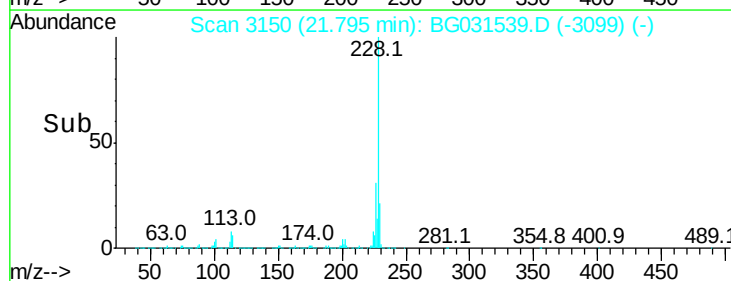
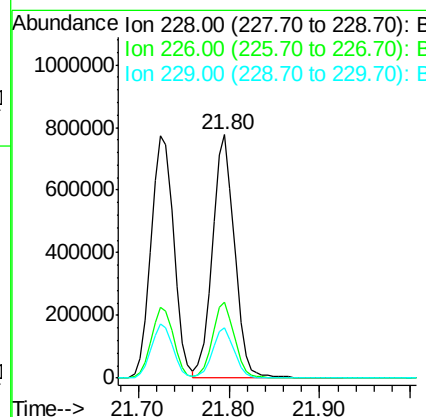
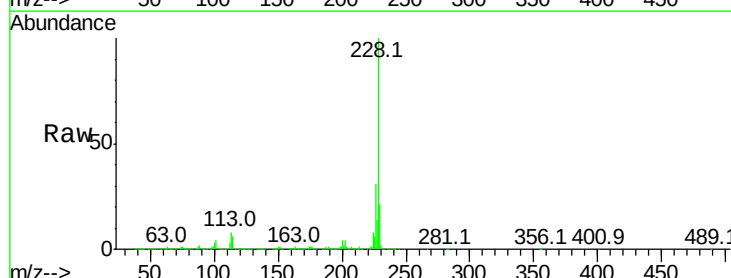
Instrument :
BNA_G
ClientSampleId :

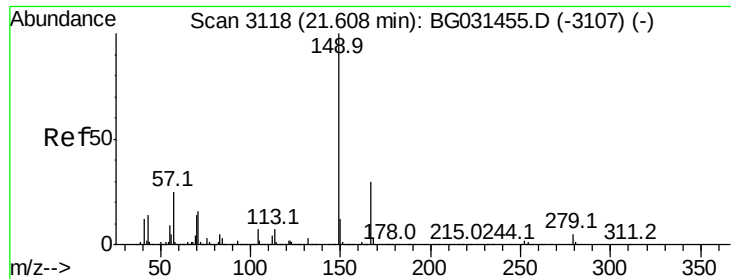
Tot Ion:228 Resp: 1347513
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 22.1 16.2 24.2



#82
Chrysene
Concen: 42.977 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion:228 Resp: 1310249
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 20.8 15.0 22.4

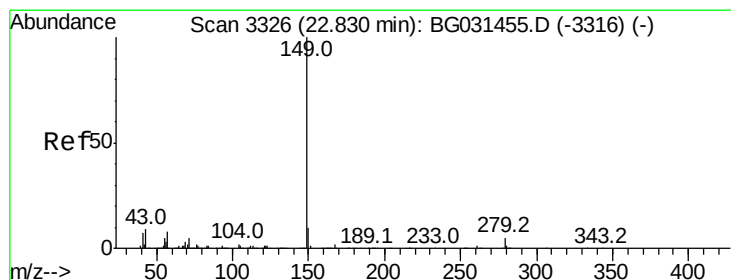
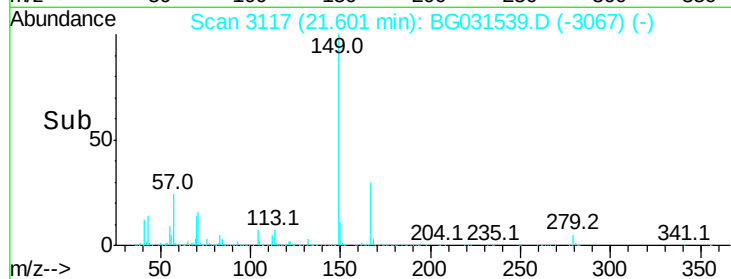
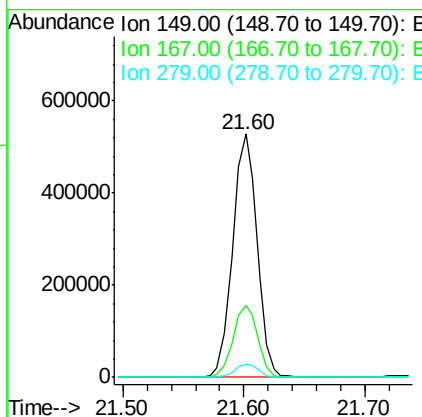
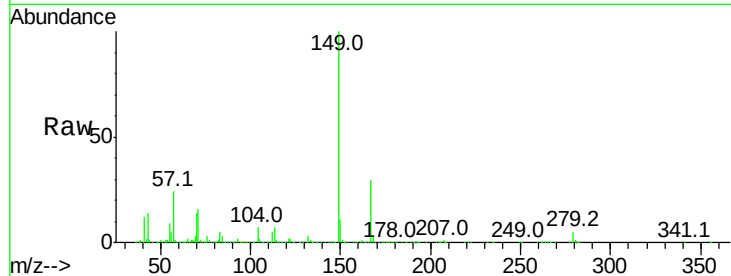




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.097 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

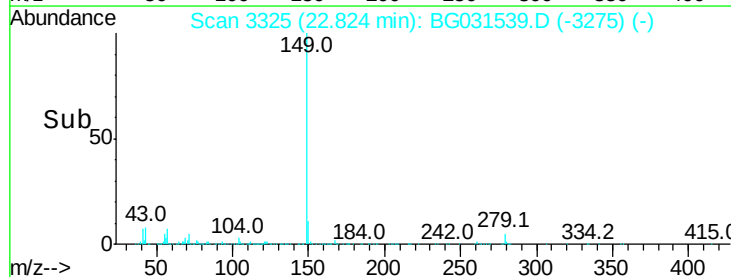
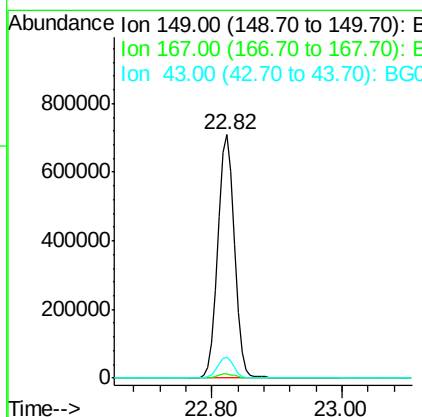
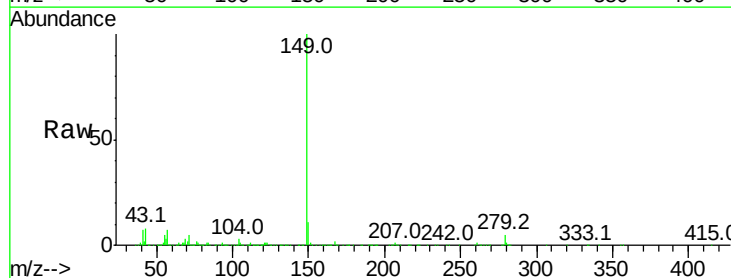
Instrument :
 BNA_G
 ClientSampleId :

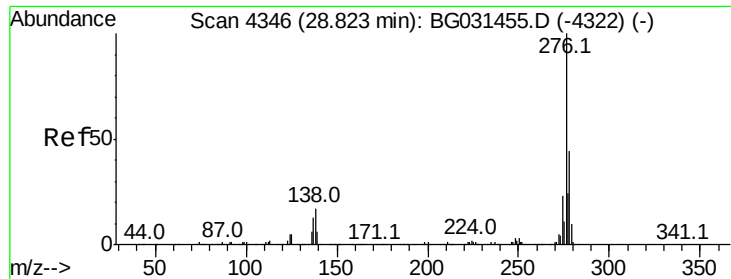
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	5.4	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 46.010 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.6	8.9	13.3

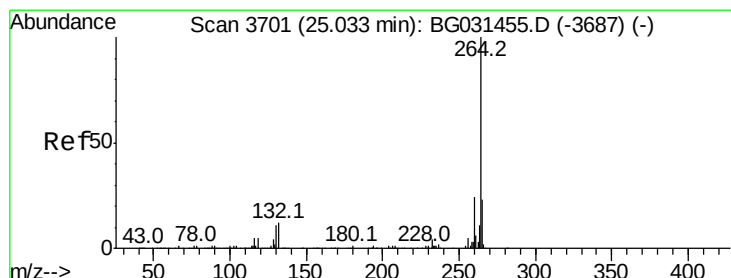
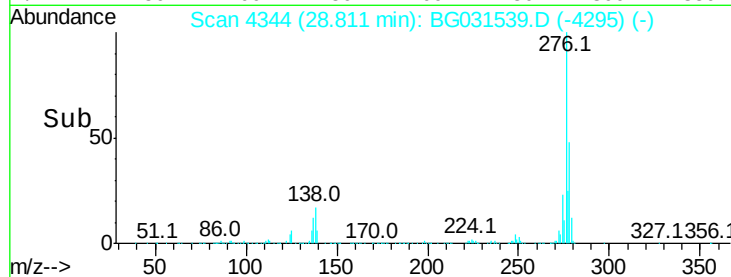
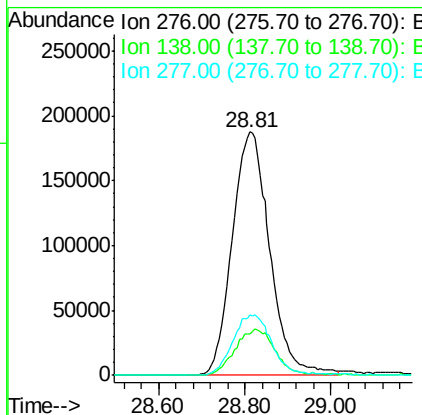
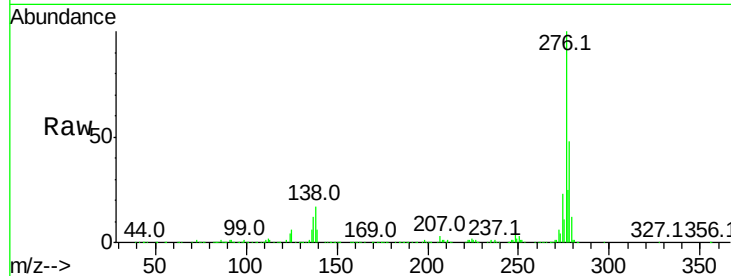




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.105 ng
 RT: 28.81 min Scan# 4344
 Delta R.T. -0.01 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

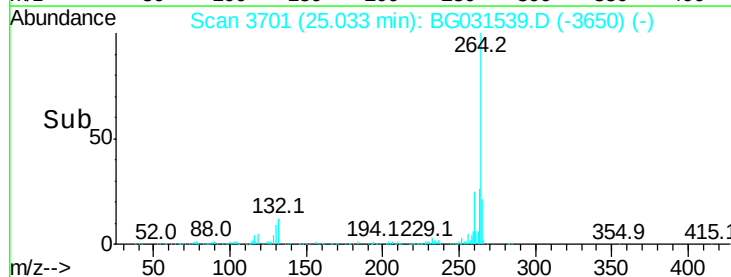
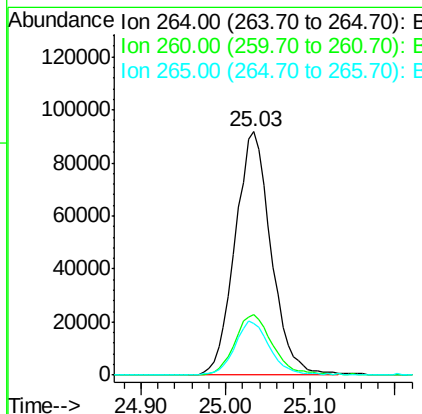
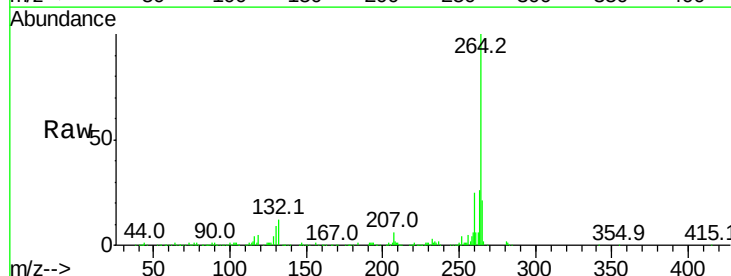
Instrument :
 BNA_G
 ClientSampled :

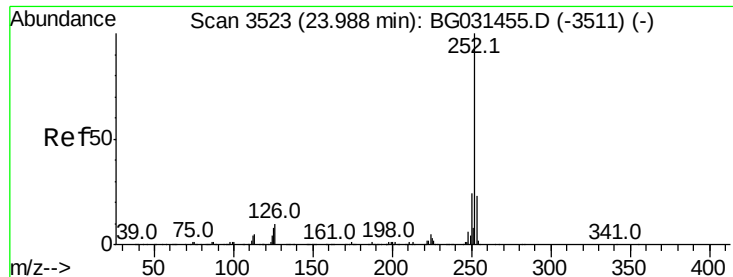
Tot Ion:276 Resp: 1143766
 Ion Ratio Lower Upper
 276 100
 138 20.0 16.0 24.0
 277 25.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BG031539.D
 Acq: 13 Dec 2017 22:14

Tgt Ion:264 Resp: 270887
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.4 26.0
 265 21.0 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 80.295 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

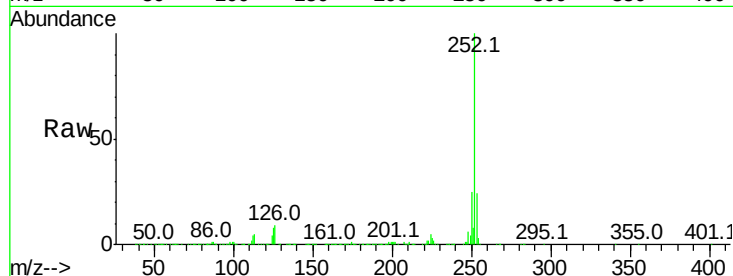
Tot Ion:252 Resp: 1300387

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.4

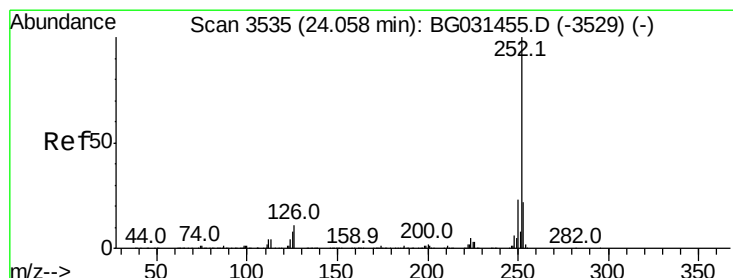
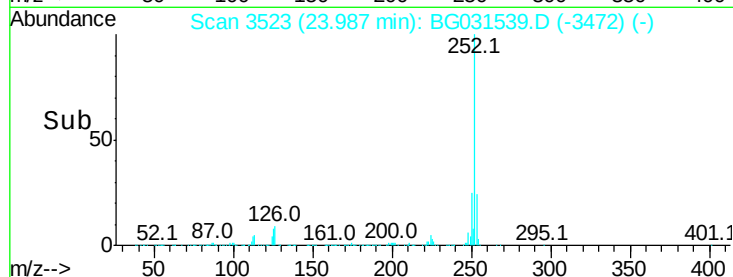
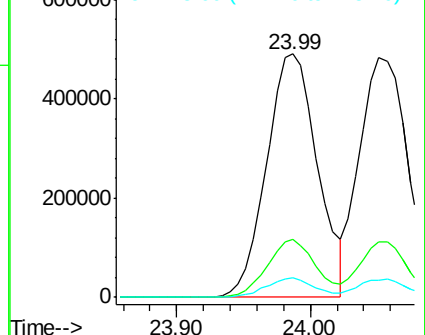
125 7.8 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 74.974 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

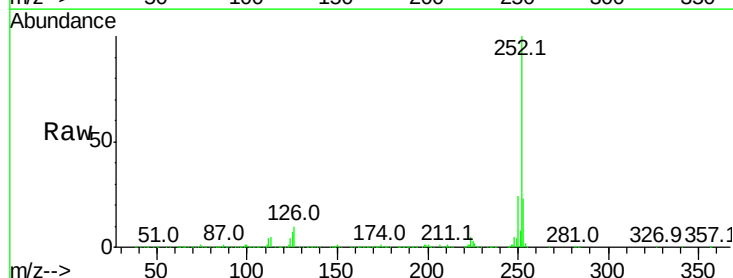
Tgt Ion:252 Resp: 1239103

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

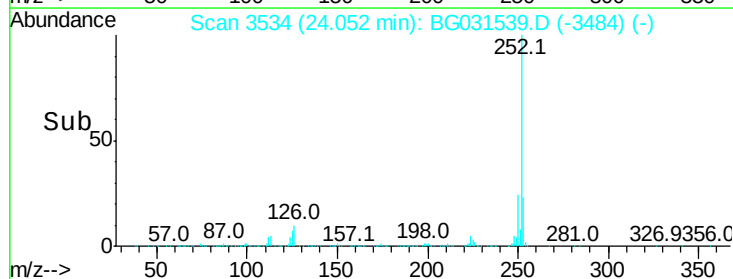
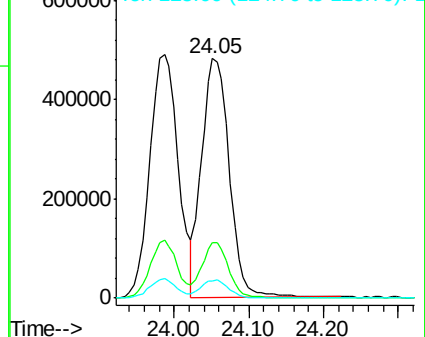
125 7.3 6.6 9.8

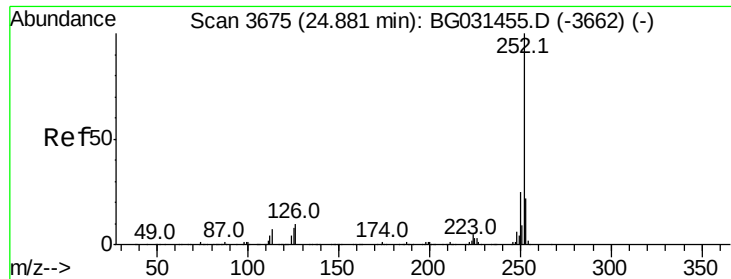


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

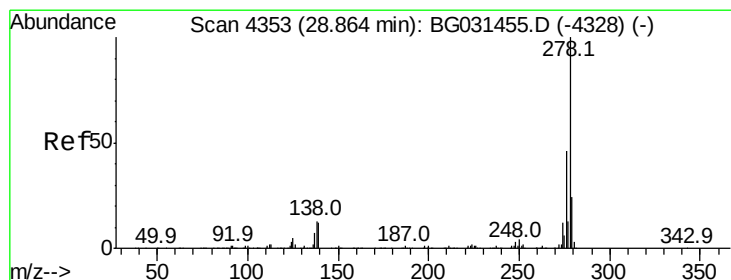
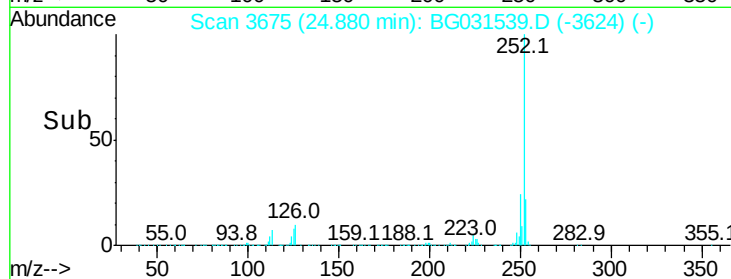
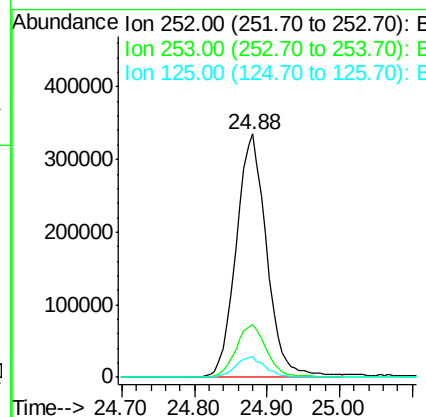
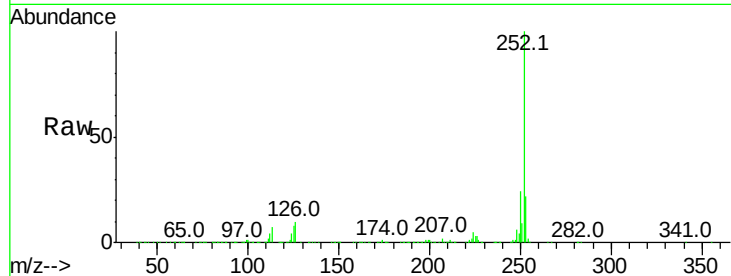




#89
Benzo(a)pyrene
Concen: 63.520 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

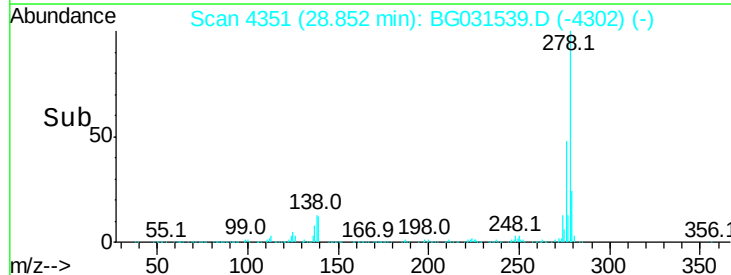
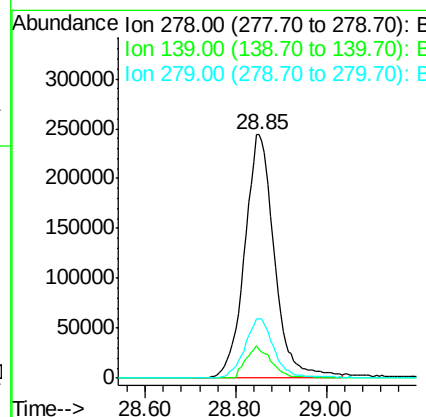
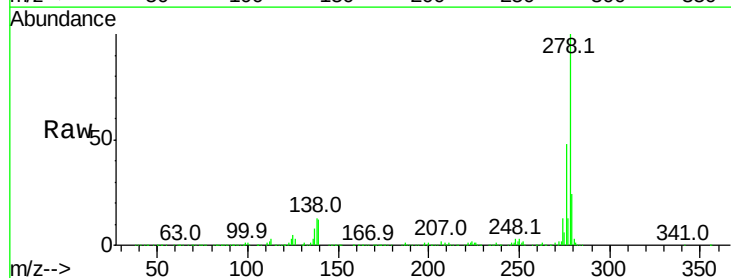
Instrument :
BNA_G
ClientSampleId :

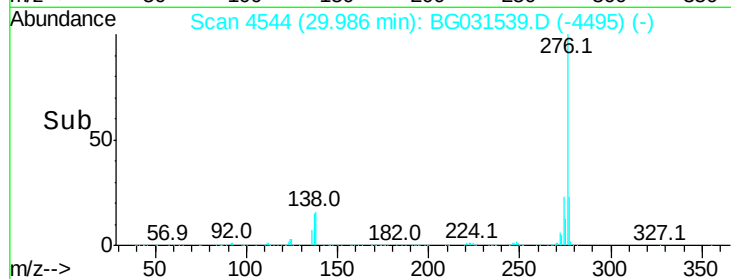
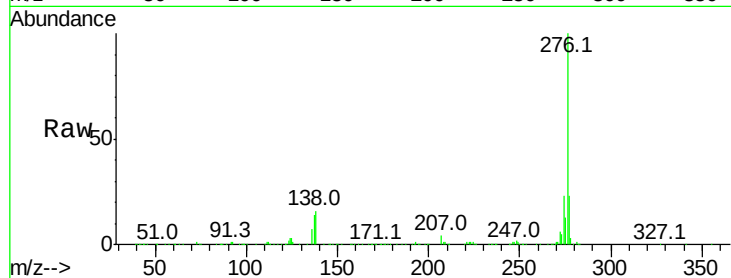
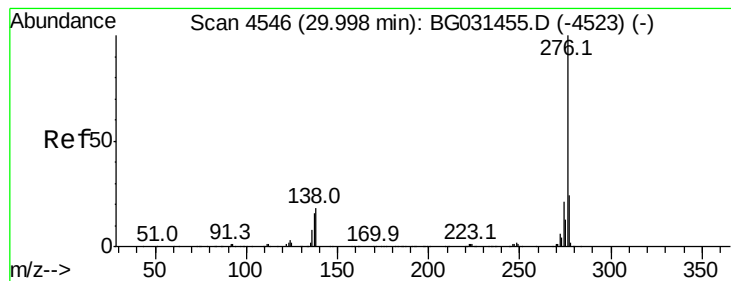
Tot Ion:252 Resp: 975860
Ion Ratio Lower Upper
252 100
253 21.6 18.3 27.5
125 8.3 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 75.633 ng
RT: 28.85 min Scan# 4351
Delta R.T. -0.01 min
Lab File: BG031539.D
Acq: 13 Dec 2017 22:14

Tgt Ion:278 Resp: 1111147
Ion Ratio Lower Upper
278 100
139 12.0 9.8 14.6
279 24.2 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 57.993 ng

RT: 29.99 min Scan# 4544

Delta R.T. -0.01 min

Lab File: BG031539.D

Acq: 13 Dec 2017 22:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 837610

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 16.1 13.9 20.9

