

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031357.D
 Acq On : 4 Dec 2017 21:46
 Operator : SJ/JU
 Sample : I6308-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Quant Time: Dec 05 04:18:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	62850	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	276389	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	189240	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	487864	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	542956	20.00	ng	-0.02
86) Perylene-d12	25.06	264	541129	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	632259	172.50	ng	-0.02
7) Phenol-d6	7.30	99	773494	156.65	ng	0.00
23) Nitrobenzene-d5	9.30	82	524130	112.37	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	448448	146.49	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1459967	110.85	ng	-0.02
78) Terphenyl-d14	20.08	244	2586135	105.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	55627	37.399	ng	# 81
3) Pyridine	3.96	79	145124	33.608	ng	85
4) n-Nitrosodimethylamine	3.86	42	79459	38.827	ng	# 89
6) Aniline	7.45	93	81035	12.470	ng	96
8) 2-Chlorophenol	7.70	128	204547	50.570	ng	89
9) Benzaldehyde	7.26	77	59360	17.179	ng	84
10) Phenol	7.33	94	227395	44.344	ng	88
11) bis(2-Chloroethyl)ether	7.54	93	188633	46.071	ng	90
12) 1,3-Dichlorobenzene	8.02	146	214235	45.144	ng	95
13) 1,4-Dichlorobenzene	8.16	146	219940	45.735	ng	95
14) 1,2-Dichlorobenzene	8.48	146	208400	45.150	ng	98
15) Benzyl Alcohol	8.37	79	168453	42.530	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	268321	59.329	ng	90
17) 2-Methylphenol	8.58	107	170959	47.875	ng	97
18) Hexachloroethane	9.21	117	76247	45.555	ng	94
19) n-Nitroso-di-n-propylamine	8.93	70	150009	39.955	ng	# 94
20) 3+4-Methylphenols	8.91	107	232403	45.769	ng	97
22) Acetophenone	8.95	105	294206	42.751	ng	# 92
24) Nitrobenzene	9.34	77	227940	47.841	ng	# 89
25) Isophorone	9.86	82	425906	46.820	ng	# 91
26) 2-Nitrophenol	10.06	139	122992	49.523	ng	# 86
27) 2,4-Dimethylphenol	10.11	122	205571	55.756	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	272051	47.485	ng	99
29) 2,4-Dichlorophenol	10.60	162	235715	53.240	ng	91
30) 1,2,4-Trichlorobenzene	10.80	180	253885	48.031	ng	96
31) Naphthalene	11.00	128	649441	47.799	ng	99
32) Benzoic acid	10.27	122	70540	25.923	ng	86
34) Hexachlorobutadiene	11.27	225	160482	43.777	ng	96
35) Caprolactam	11.89	113	34949	19.323	ng	# 65
36) 4-Chloro-3-methylphenol	12.23	107	236330	49.044	ng	# 83
37) 2-Methylnaphthalene	12.59	142	510148	48.637	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	307488	40.939	ng	97
40) Hexachlorocyclopentadiene	12.93	237	283087	98.990	ng	93
42) 2,4,6-Trichlorophenol	13.20	196	214802	50.027	ng	100

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
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 Sample : I6308-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

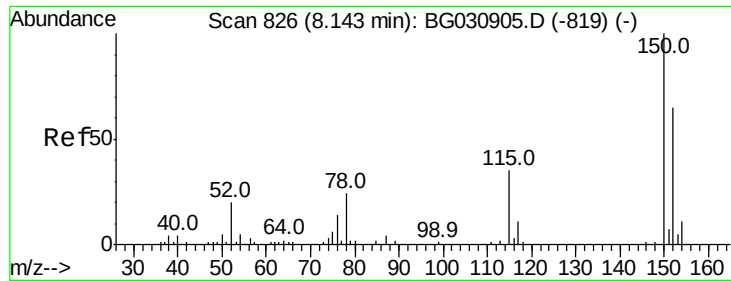
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Quant Time: Dec 05 04:18:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	13.29	196	227946	48.521	nq	# 94
45) 1,1'-Biphenyl	13.59	154	663164	42.260	nq	98
46) 2-Chloronaphthalene	13.63	162	553130	48.854	nq	95
47) 2-Nitroaniline	13.84	65	152058	45.311	nq	# 74
48) Acenaphthylene	14.47	152	843723	45.530	nq	98
49) Dimethylphthalate	14.20	163	748691	45.757	nq	99
50) 2,6-Dinitrotoluene	14.33	165	175349	51.993	nq	# 70
51) Acenaphthene	14.81	154	529511	45.753	nq	99
52) 3-Nitroaniline	14.66	138	22939	6.406	nq	# 80
53) 2,4-Dinitrophenol	14.88	184	195079	103.298	nq	# 47
54) Dibenzofuran	15.15	168	881255	47.805	nq	100
55) 4-Nitrophenol	14.99	139	225875	88.547	nq	# 73
56) 2,4-Dinitrotoluene	15.12	165	250504	51.379	nq	# 72
57) Fluorene	15.80	166	702080	46.911	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	227201	50.744	nq	# 90
59) Diethylphthalate	15.55	149	757126	45.553	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	421889	46.676	nq	92
61) 4-Nitroaniline	15.83	138	155848	41.100	nq	84
62) Azobenzene	16.07	77	587734	46.367	nq	92
64) 4,6-Dinitro-2-methylphenol	15.88	198	144703	44.623	nq	77
65) n-Nitrosodiphenylamine	16.00	169	653733	44.221	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	283032	45.805	nq	99
67) Hexachlorobenzene	16.80	284	291519	44.402	nq	95
68) Atrazine	16.94	200	234301	38.413	nq	98
69) Pentachlorophenol	17.15	266	304444	83.887	nq	98
70) Phenanthrene	17.53	178	1222883	48.142	nq	98
71) Anthracene	17.62	178	1253671	49.255	nq	97
72) Carbazole	17.89	167	1147291	48.107	nq	99
73) Di-n-butylphthalate	18.43	149	1321757	45.138	nq	99
74) Fluoranthene	19.53	202	1599806	49.742	nq	97
77) Pyrene	19.90	202	1633049	50.686	nq	95
79) Butylbenzylphthalate	20.75	149	638079	49.671	nq	# 84
80) Benzo(a)anthracene	21.74	228	1631412	48.372	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	131647	9.670	nq	98
82) Chrysene	21.81	228	1530472	49.057	nq	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	884014	47.673	nq	98
84) Di-n-octyl phthalate	22.84	149	1477532	48.955	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1791554	47.237	nq	99
87) Benzo(b)fluoranthene	24.01	252	1655343	50.571	nq	98
88) Benzo(k)fluoranthene	24.08	252	1557764	48.013	nq	98
89) Benzo(a)pyrene	24.90	252	1573558	50.604	nq	99
90) Dibenzo(a,h)anthracene	28.90	278	1521379	47.867	nq	98
91) Benzo(g,h,i)perylene	30.03	276	1388681	45.017	nq	97

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

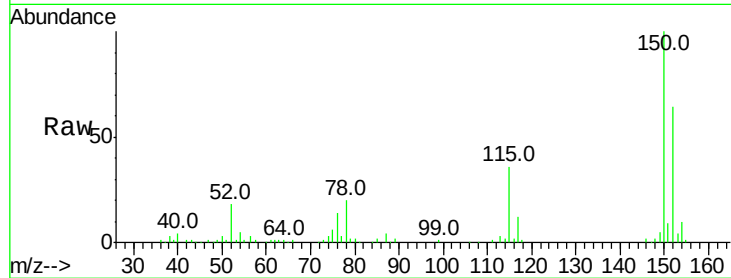


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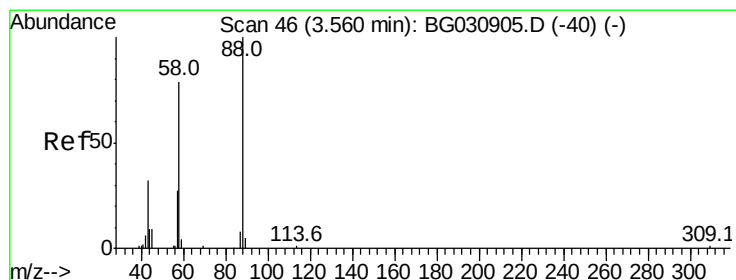
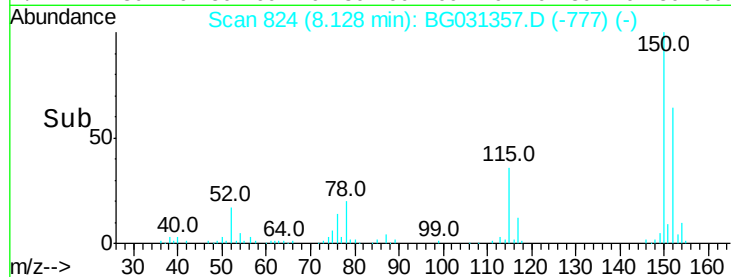
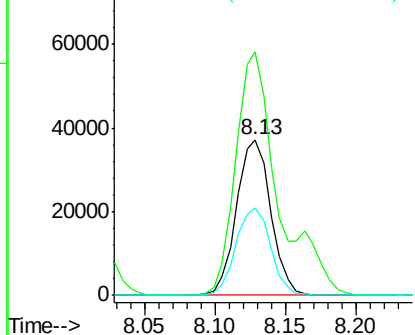
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion:152 Resp: 62850
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 56.2 53.0 79.4



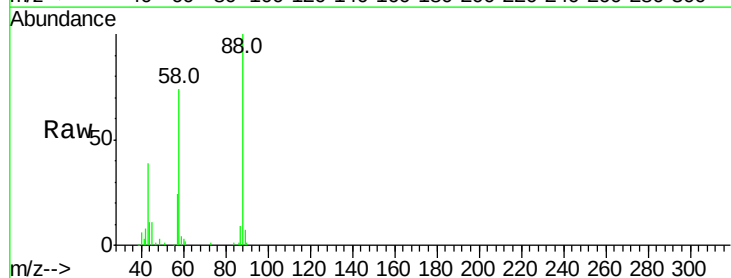
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



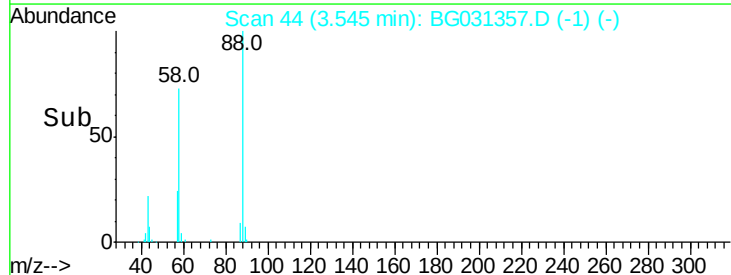
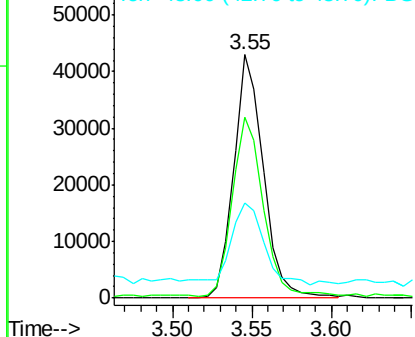
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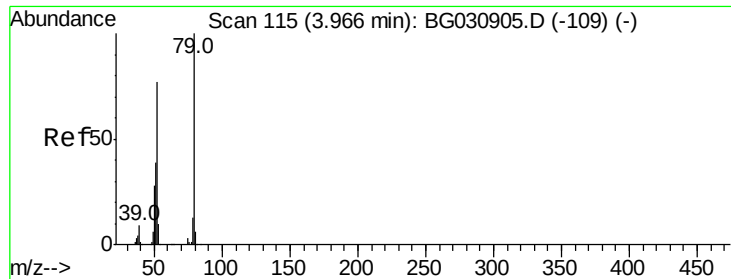
1,4-Dioxane
Concen: 37.399 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion: 88 Resp: 55627
Ion Ratio Lower Upper
88 100
58 75.8 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: 33.608 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

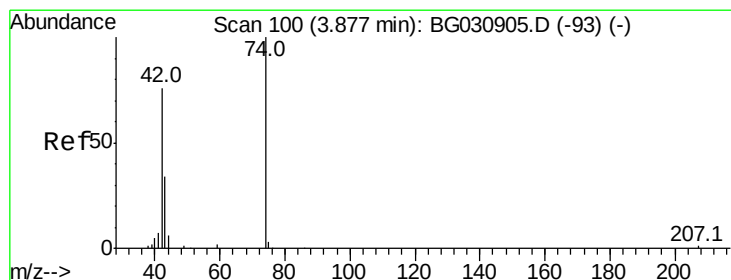
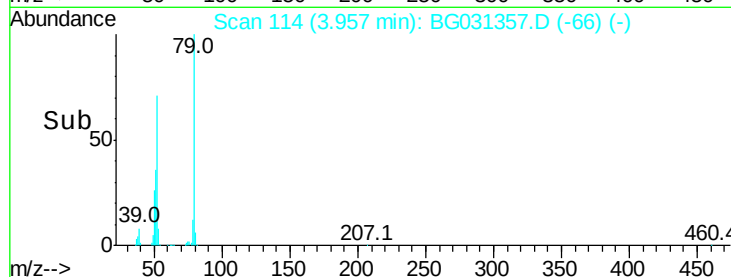
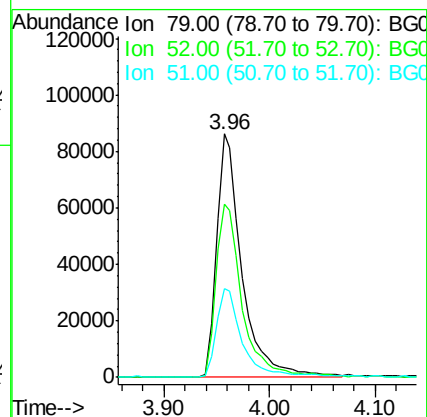
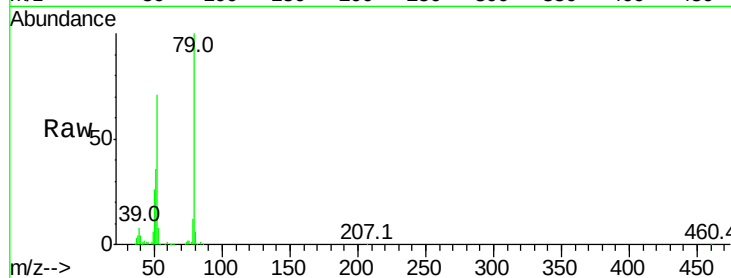
Tot Ion: 79 Resp: 145124

Ion Ratio Lower Upper

79 100

52 71.0 69.9 104.9

51 36.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 38.827 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

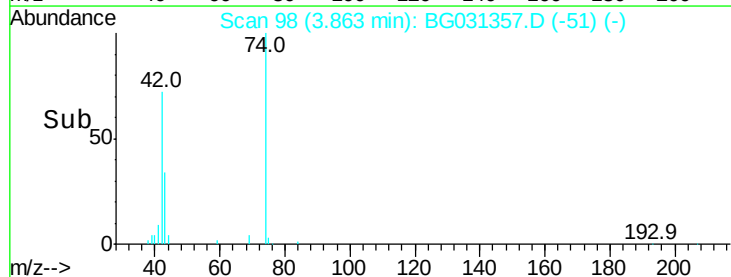
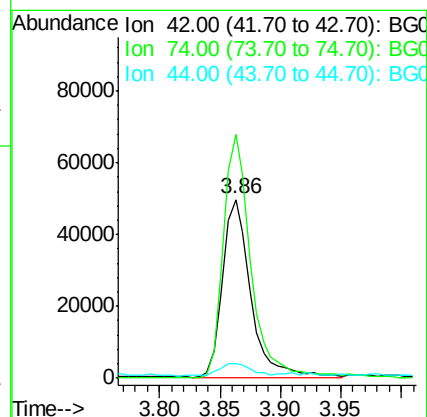
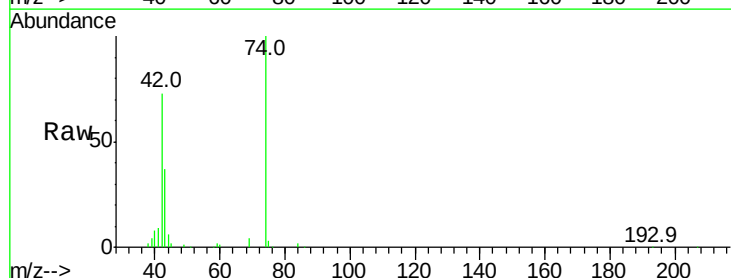
Tgt Ion: 42 Resp: 79459

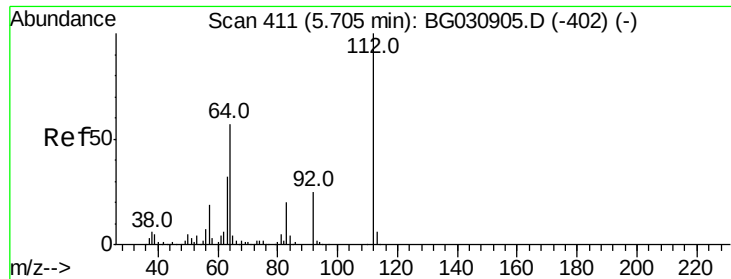
Ion Ratio Lower Upper

42 100

74 136.3 102.5 153.7

44 8.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 172.502 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

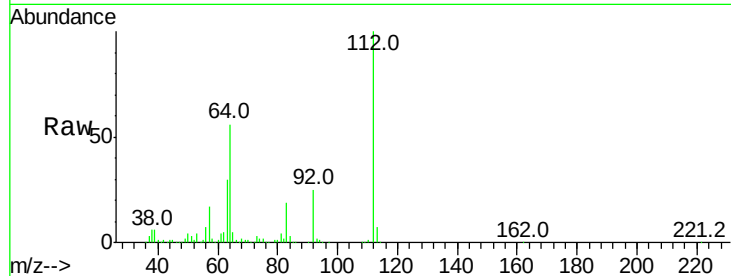
Tot Ion:112 Resp: 632259

Ion Ratio Lower Upper

112 100

64 56.3 56.3 84.5#

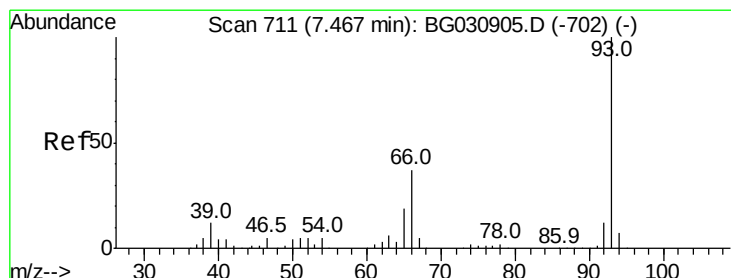
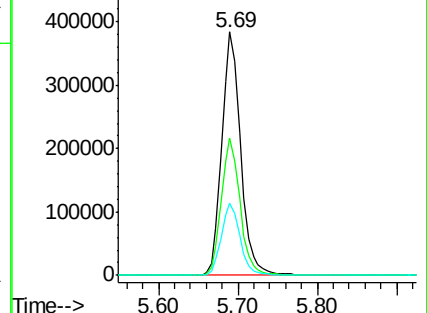
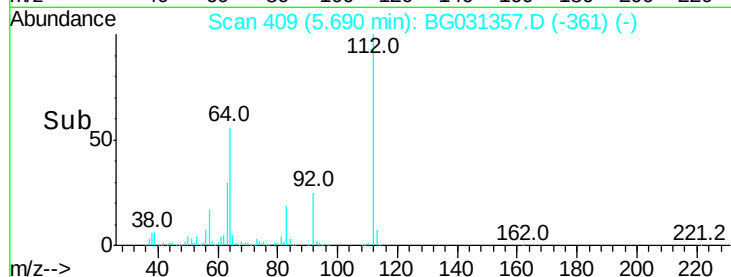
63 29.6 30.1 45.1#



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: 12.470 ng

RT: 7.45 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

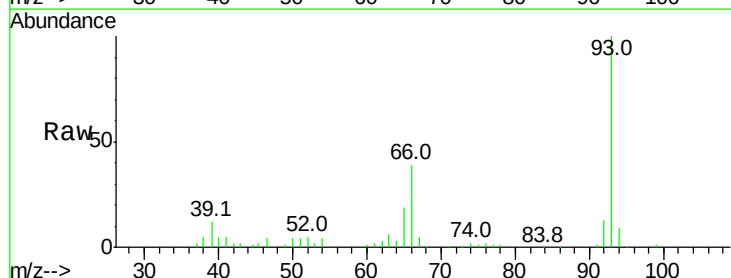
Tgt Ion: 93 Resp: 81035

Ion Ratio Lower Upper

93 100

66 38.9 33.7 50.5

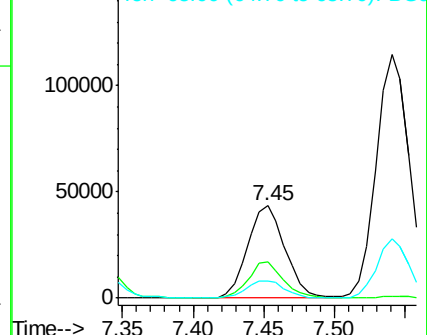
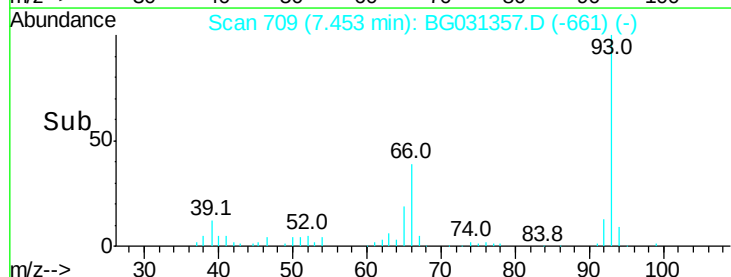
65 19.1 16.1 24.1

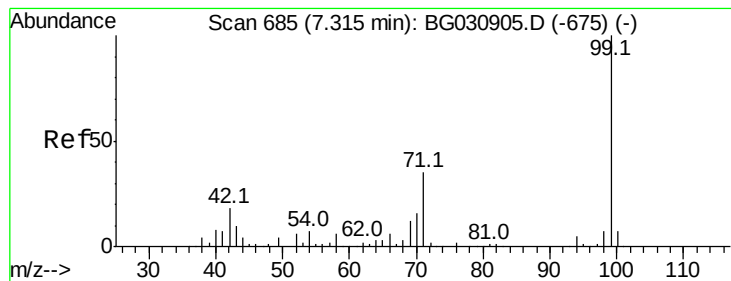


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 156.645 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

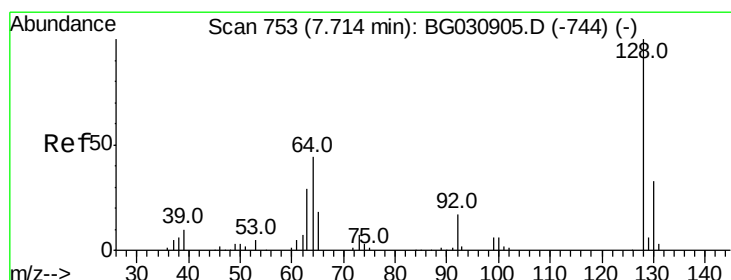
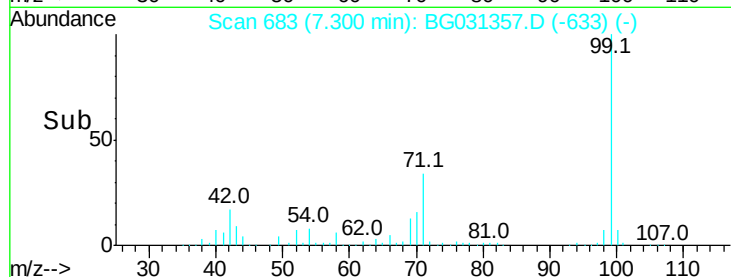
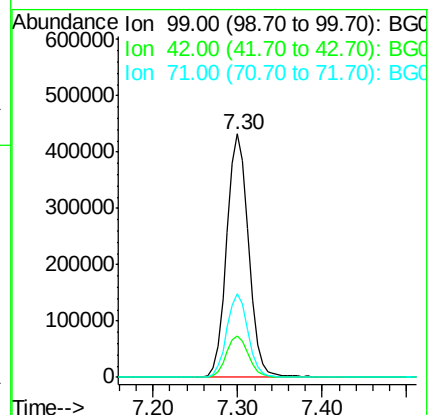
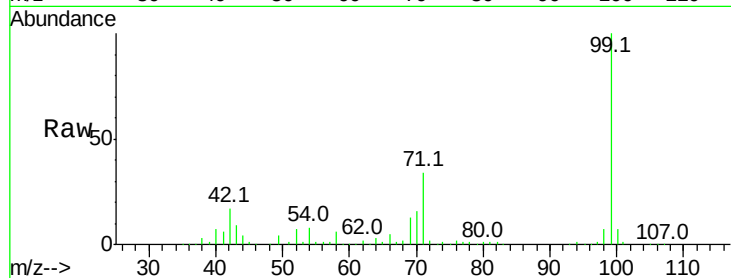
Tot Ion: 99 Resp: 773494

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

71 34.3 26.1 39.1



#8

2-Chlorophenol

Concen: 50.570 ng

RT: 7.70 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

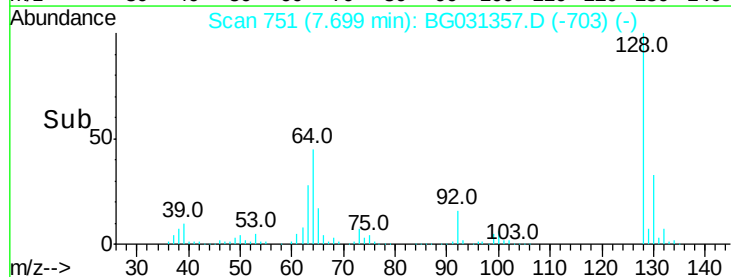
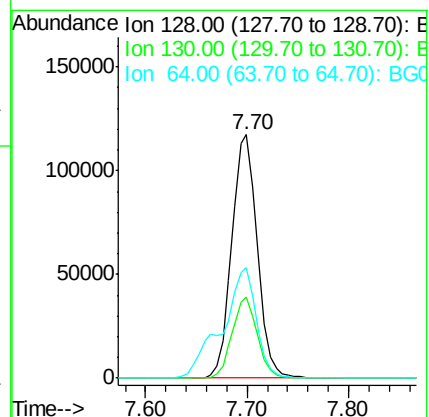
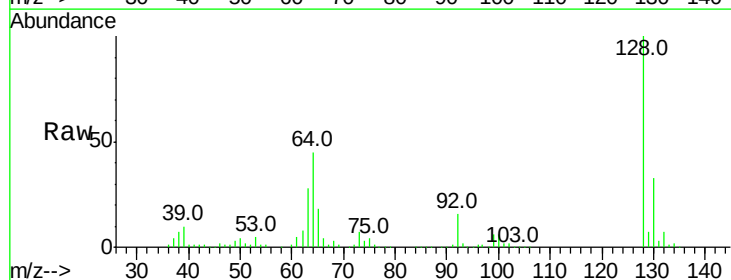
Tgt Ion: 128 Resp: 204547

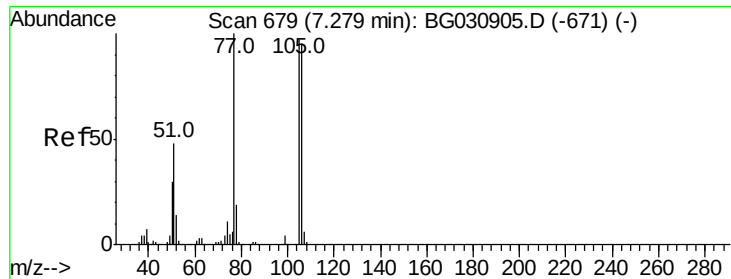
Ion Ratio Lower Upper

128 100

130 33.3 14.0 54.0

64 45.2 37.7 77.7





#9

Benzaldehyde

Concen: 17.179 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

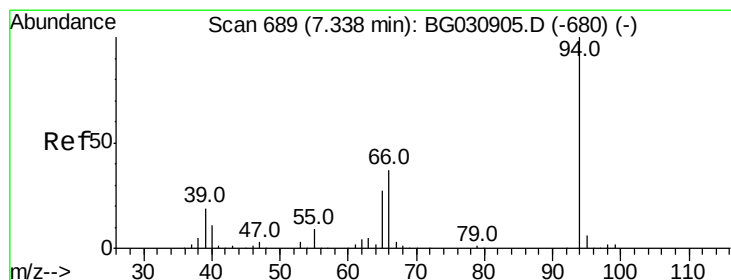
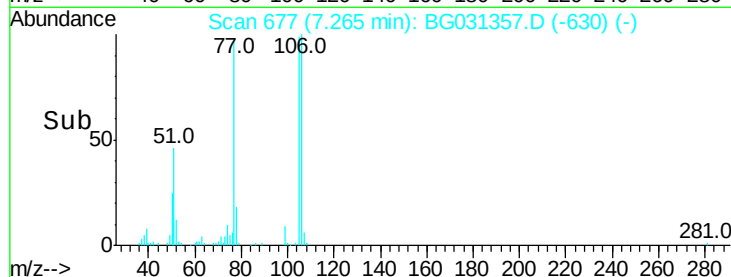
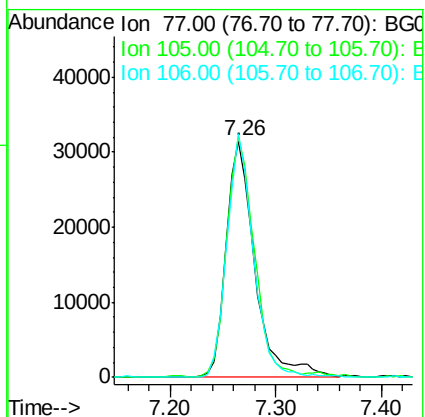
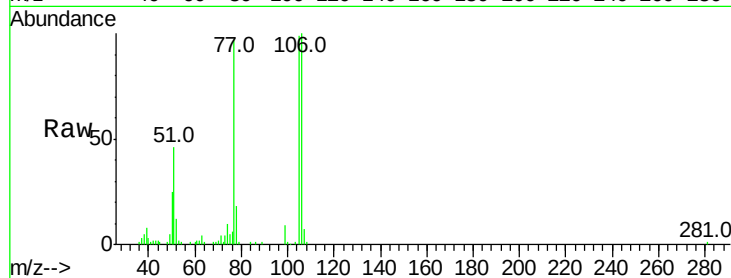
Tot Ion: 77 Resp: 59360

Ion Ratio Lower Upper

77 100

105 101.8 71.3 111.3

106 102.9 64.2 104.2



#10

Phenol

Concen: 44.344 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

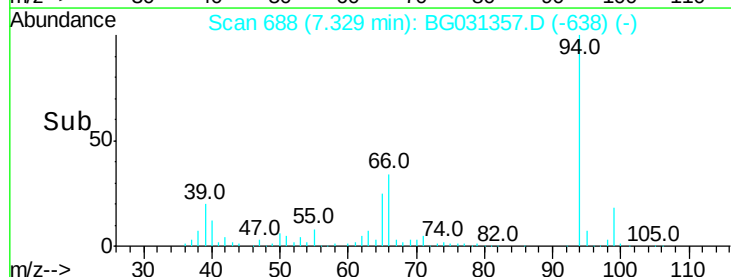
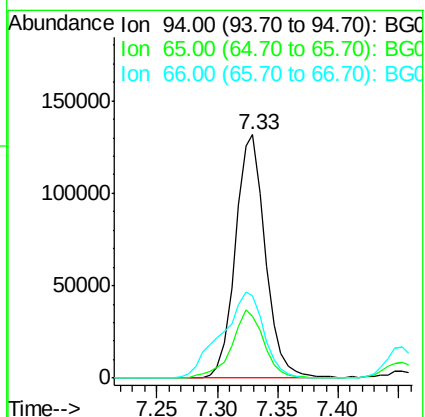
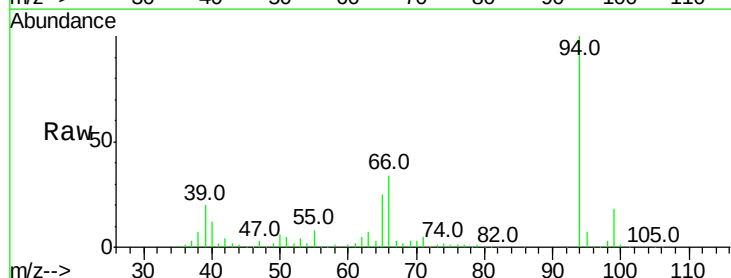
Tgt Ion: 94 Resp: 227395

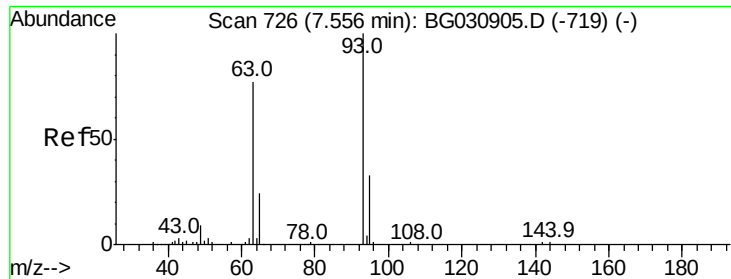
Ion Ratio Lower Upper

94 100

65 25.3 11.9 51.9

66 34.0 22.2 62.2

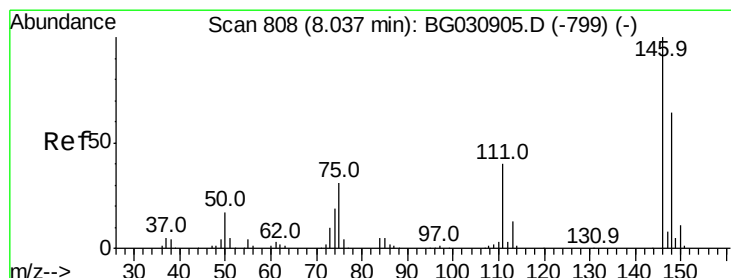
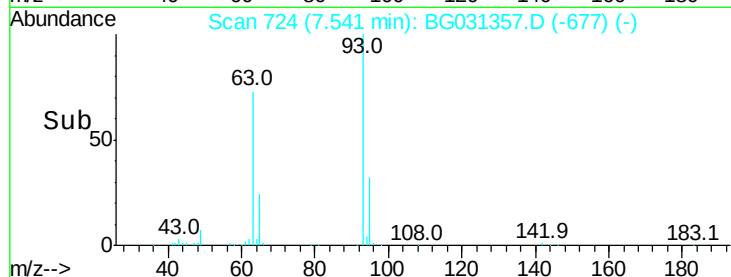
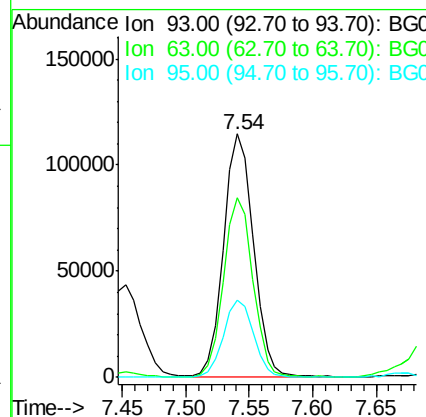
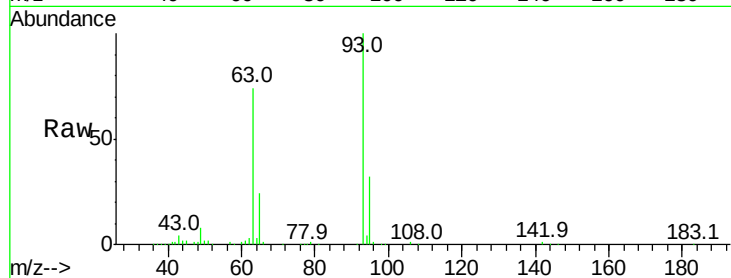




#11
bis(2-Chloroethyl)ether
Concen: 46.071 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

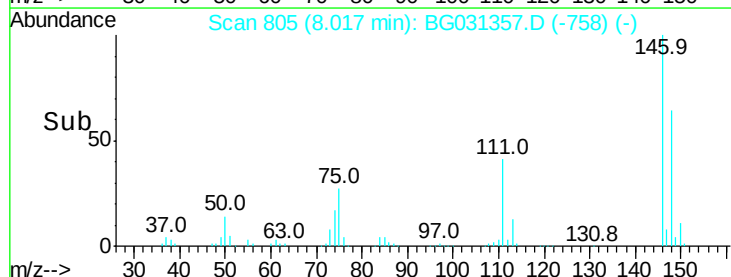
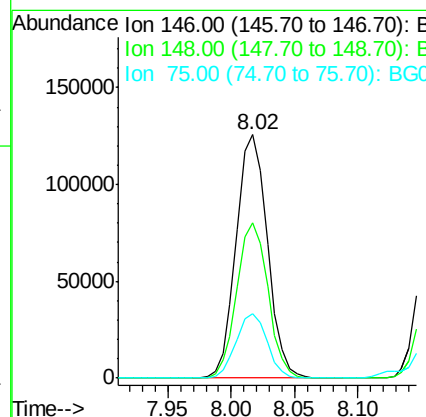
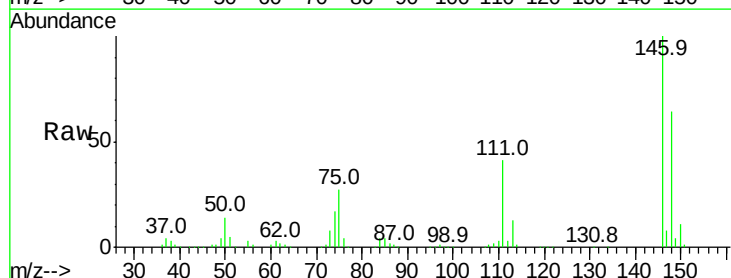
Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

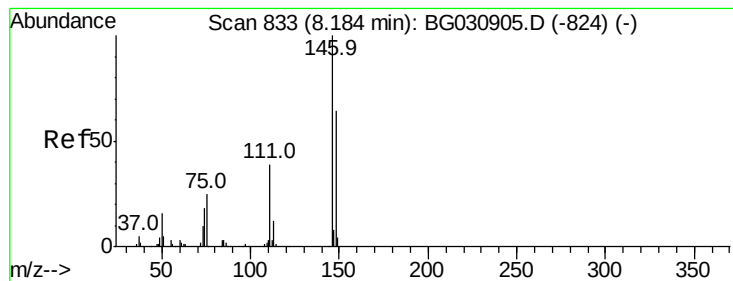
Tot Ion: 93 Resp: 188633
Ion Ratio Lower Upper
93 100
63 74.0 67.1 107.1
95 31.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 45.144 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion: 146 Resp: 214235
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
75 26.7 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 45.735 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

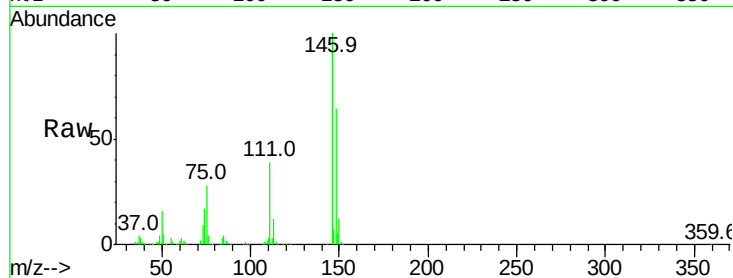
Tot Ion:146 Resp: 219940

Ion Ratio Lower Upper

146 100

148 64.5 53.7 80.5

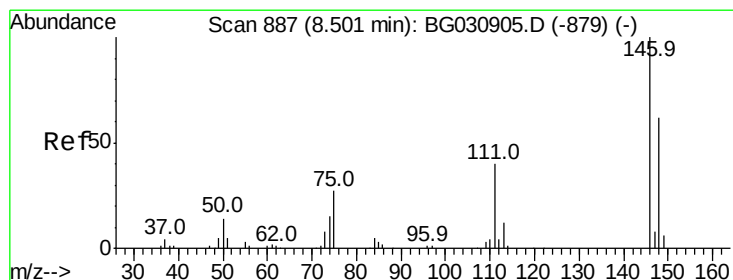
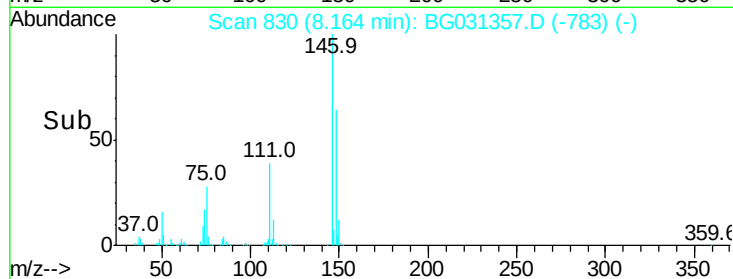
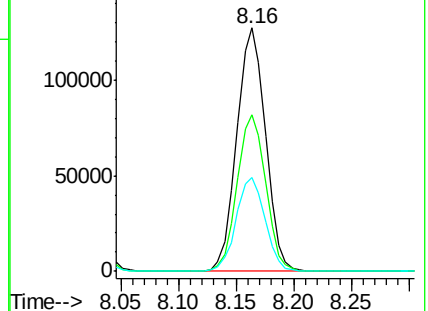
111 38.8 35.2 52.8



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: 45.150 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

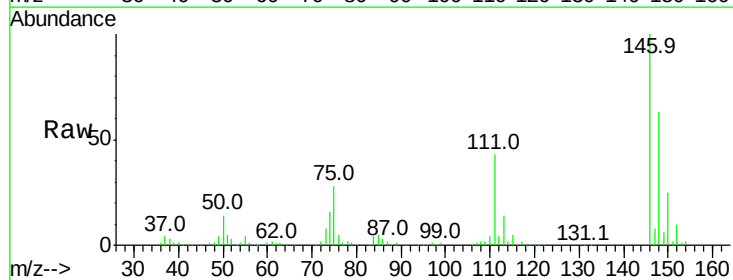
Tgt Ion:146 Resp: 208400

Ion Ratio Lower Upper

146 100

148 63.4 49.3 73.9

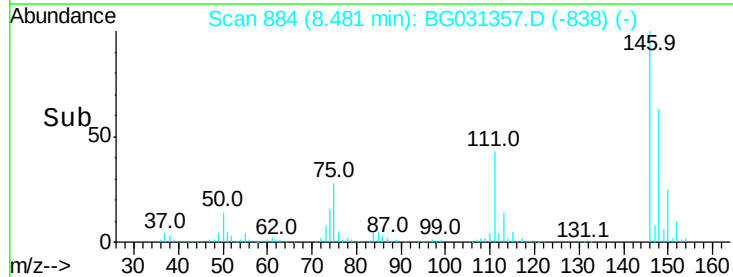
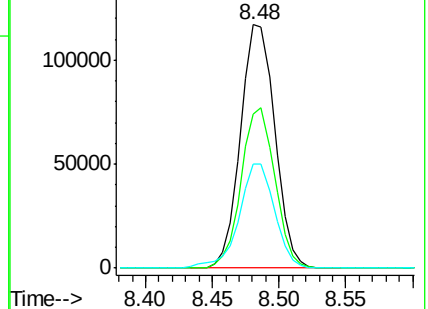
111 42.7 34.3 51.5

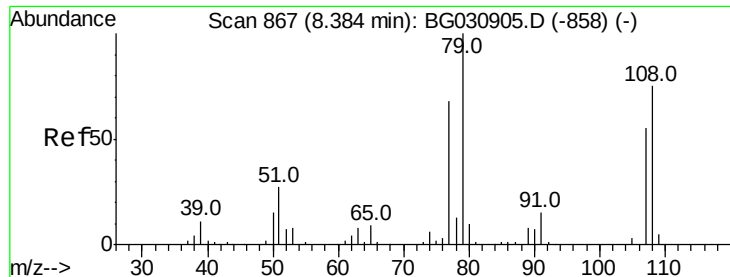


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.530 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

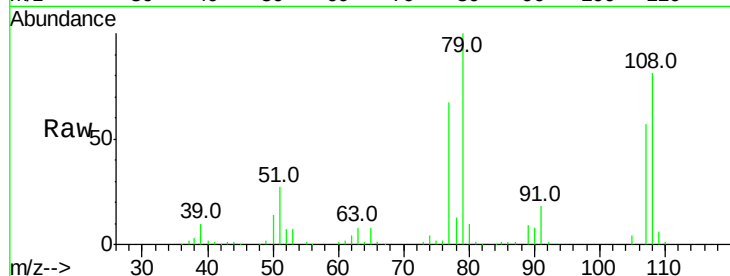
Tot Ion: 79 Resp: 168453

Ion Ratio Lower Upper

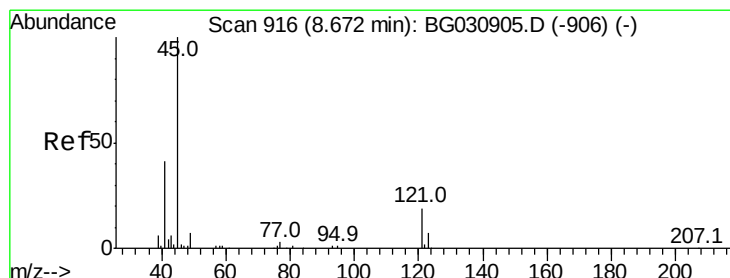
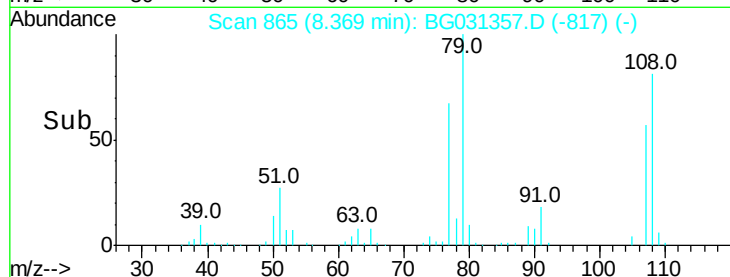
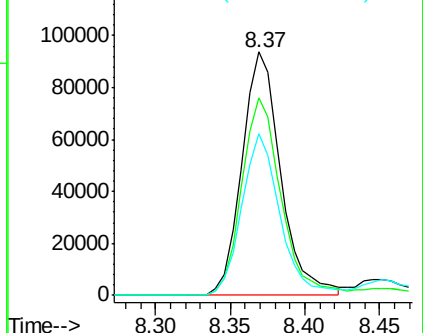
79 100

108 81.3 57.2 85.8

77 66.5 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.329 ng

RT: 8.65 min Scan# 912

Delta R.T. -0.03 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

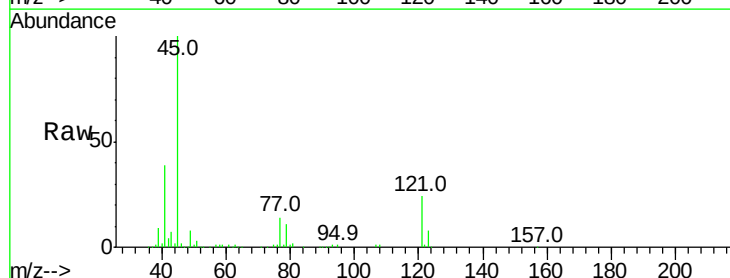
Tgt Ion: 45 Resp: 268321

Ion Ratio Lower Upper

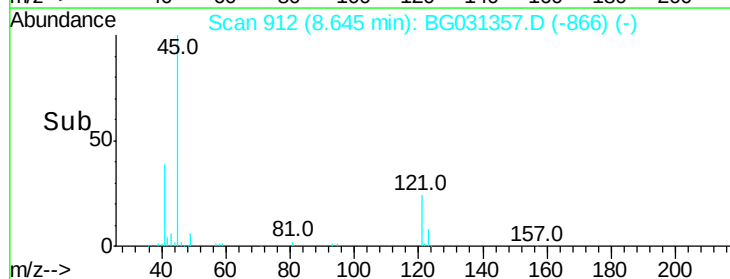
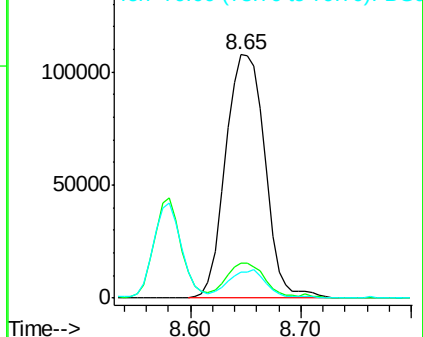
45 100

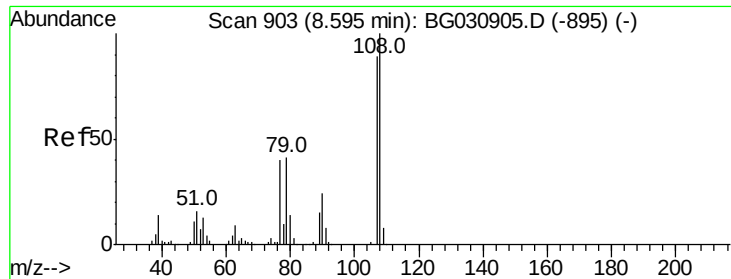
77 14.3 0.0 30.2

79 10.8 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.875 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

Tot Ion:107 Resp: 170959

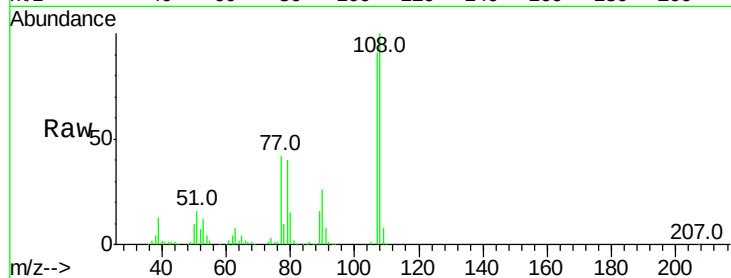
Ion Ratio Lower Upper

107 100

108 110.0 83.9 125.9

77 46.1 37.2 55.8

79 44.1 36.2 54.2

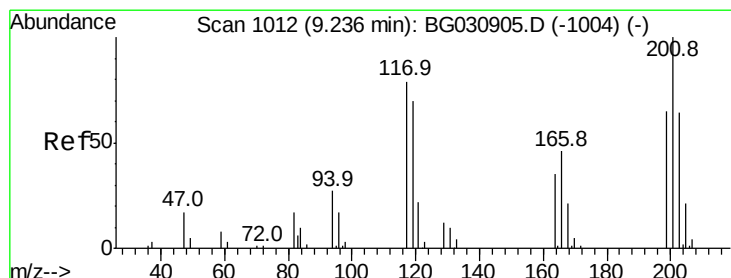
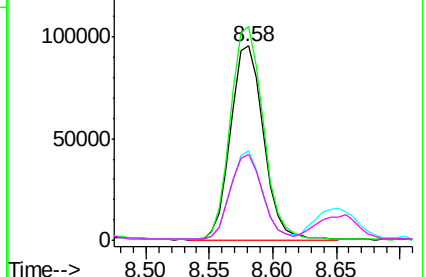
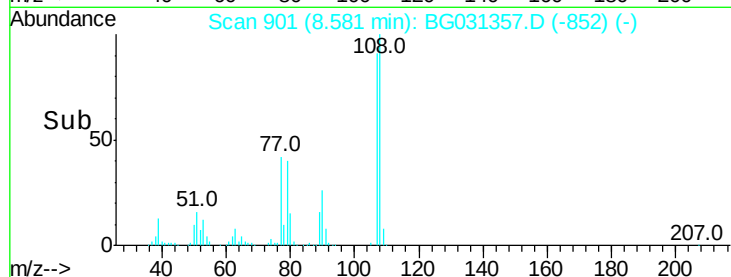


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.555 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.04 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

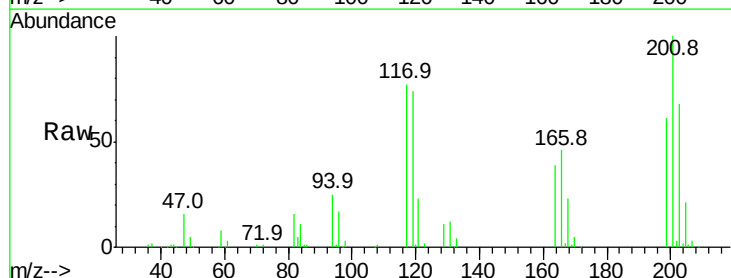
Tgt Ion:117 Resp: 76247

Ion Ratio Lower Upper

117 100

119 97.2 76.7 115.1

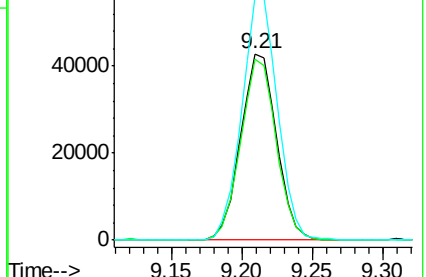
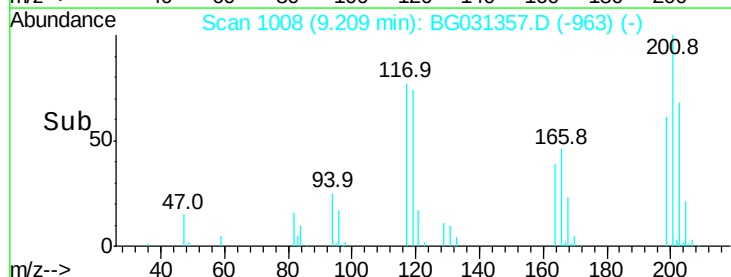
201 130.7 95.7 143.5

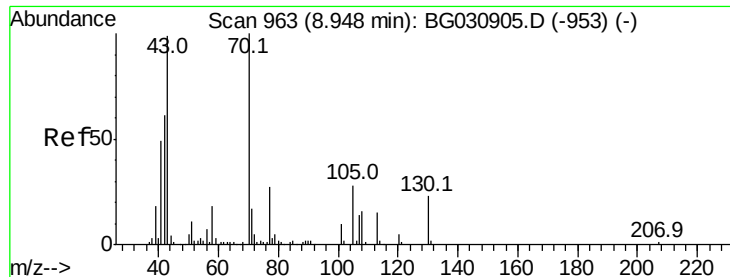


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

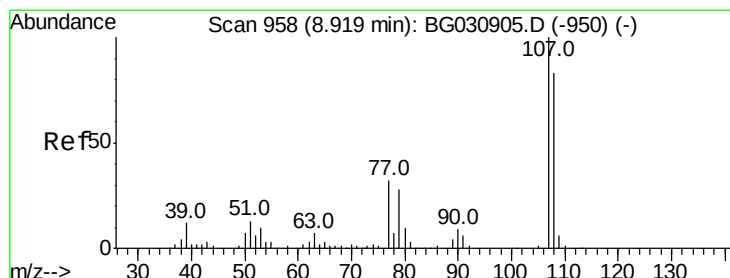
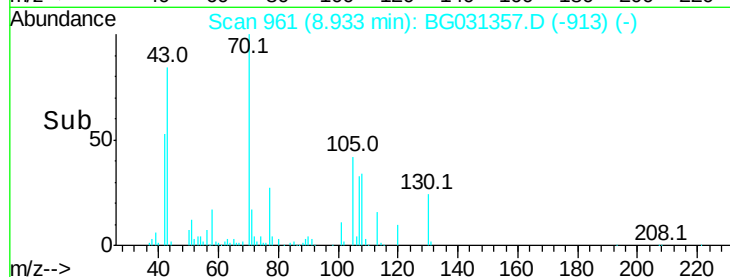
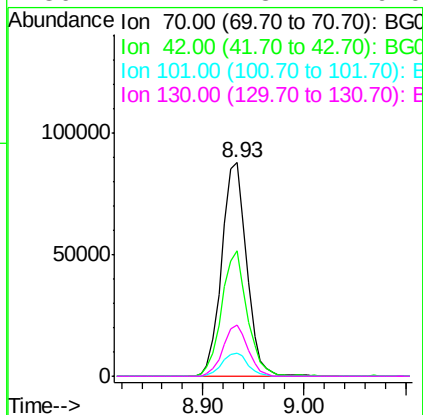
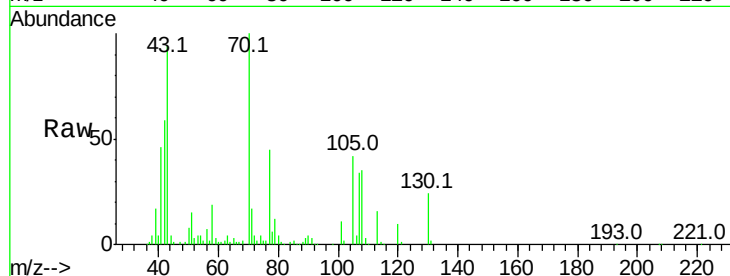




#19
n-Nitroso-di-n-propylamine
Concen: 39.955 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

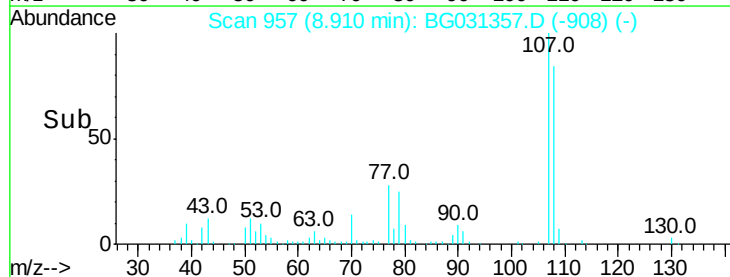
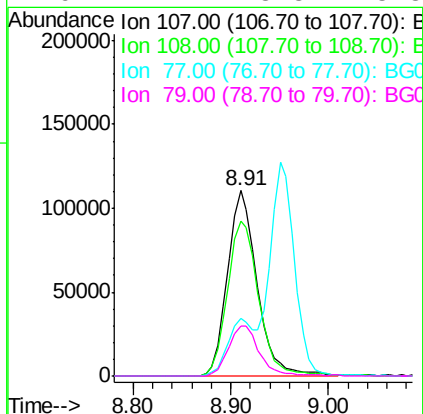
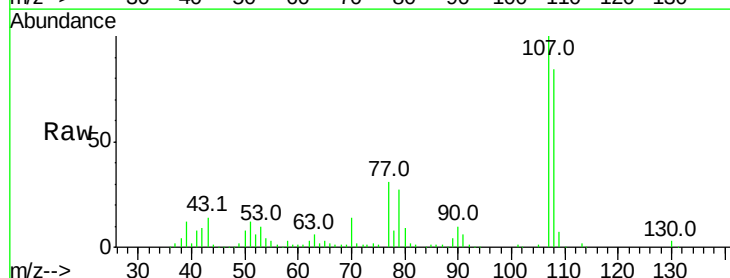
Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

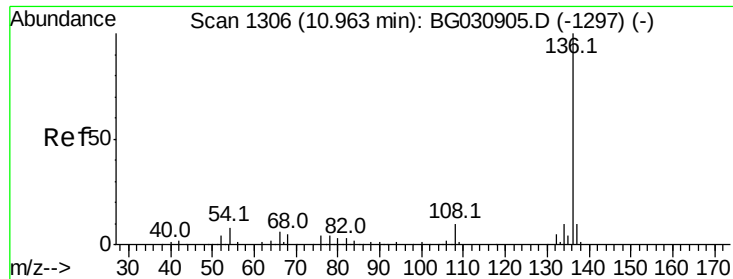
Tot Ion: 70 Resp: 150009
Ion Ratio Lower Upper
70 100
42 58.8 49.1 73.7
101 11.0 8.5 12.7
130 24.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 45.769 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion: 107 Resp: 232403
Ion Ratio Lower Upper
107 100
108 83.6 61.6 101.6
77 30.9 13.9 53.9
79 27.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

Tot Ion:136 Resp: 276389

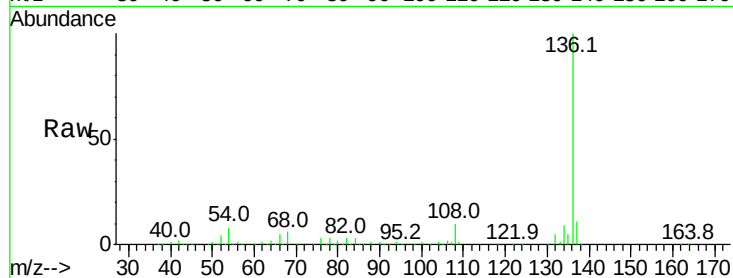
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.3 10.3 15.5#

68 5.6 4.5 6.7

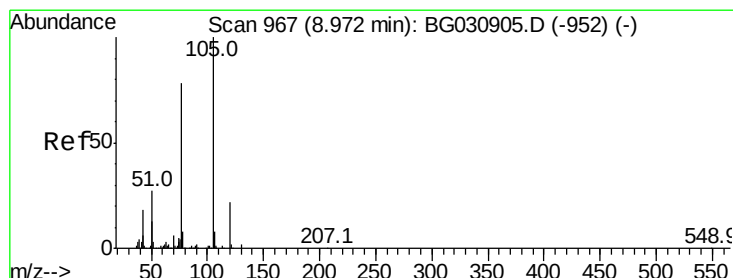
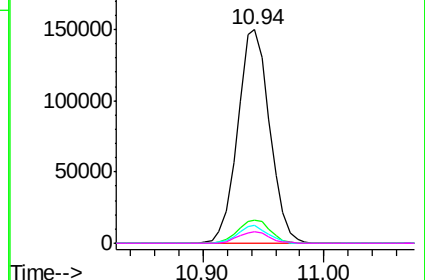
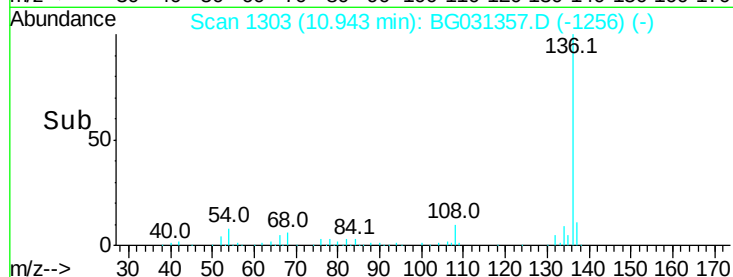


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.751 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:105 Resp: 294206

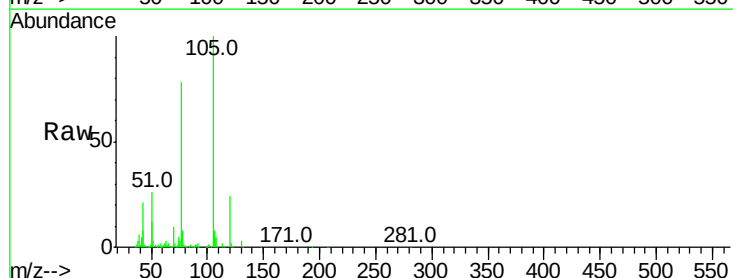
Ion Ratio Lower Upper

105 100

71 1.6 3.0 4.4#

51 26.0 26.1 39.1#

120 23.5 17.4 26.2

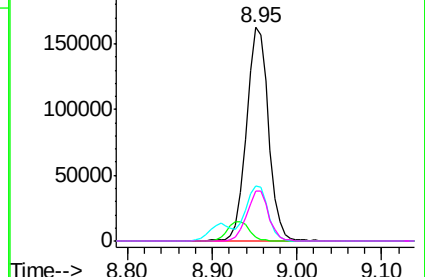
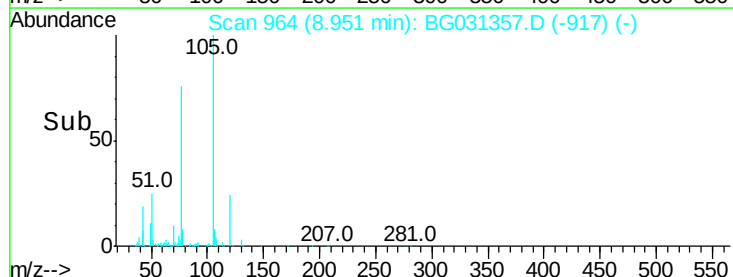


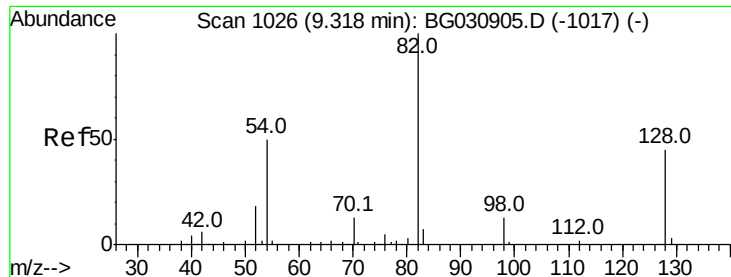
Abundance Ion 105.00 (104.70 to 105.70): E

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

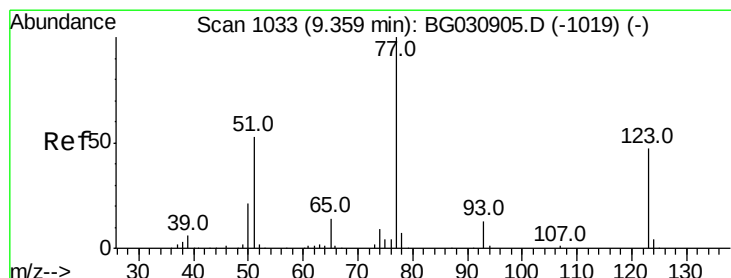
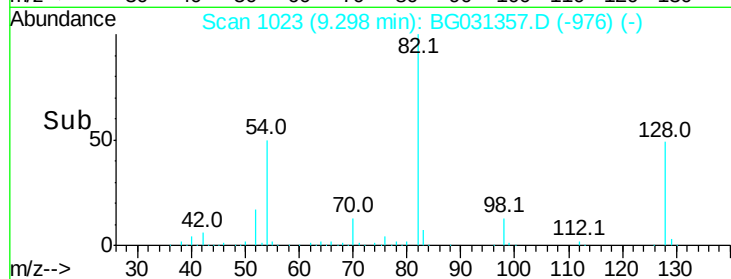
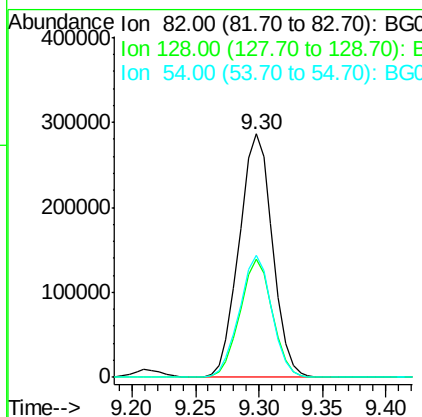
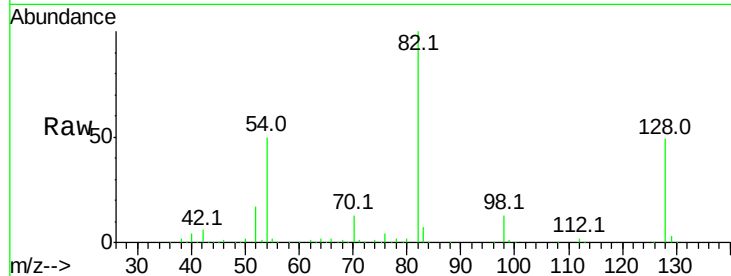




#23
 Nitrobenzene-d5
 Concen: 112.371 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

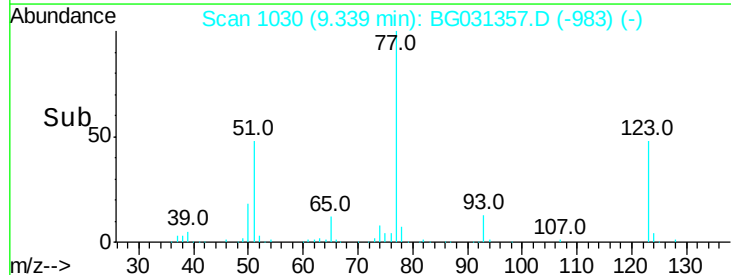
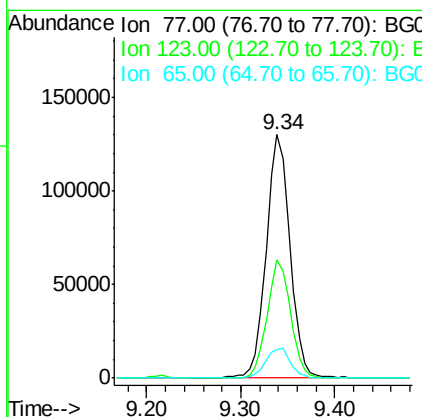
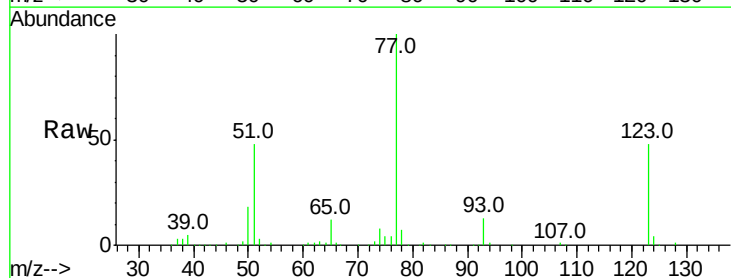
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

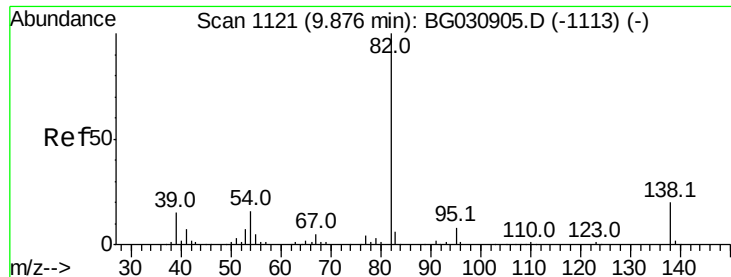
Tot Ion: 82 Resp: 524130
 Ion Ratio Lower Upper
 82 100
 128 48.7 29.7 44.5#
 54 50.1 43.1 64.7



#24
 Nitrobenzene
 Concen: 47.841 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion: 77 Resp: 227940
 Ion Ratio Lower Upper
 77 100
 123 48.4 33.0 49.6
 65 11.8 13.0 19.6#





#25

Isophorone

Concen: 46.820 ng

RT: 9.86 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

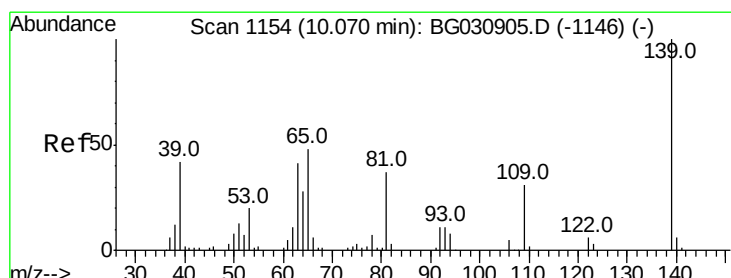
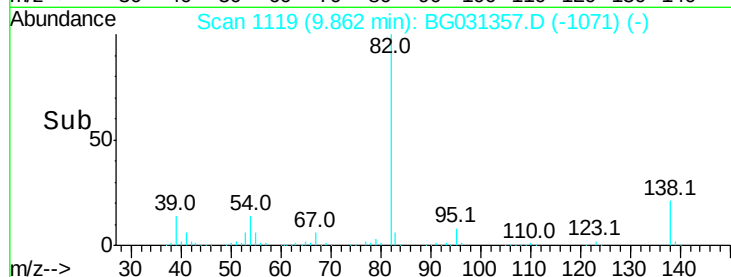
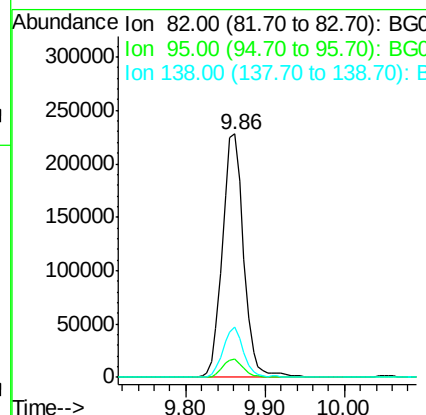
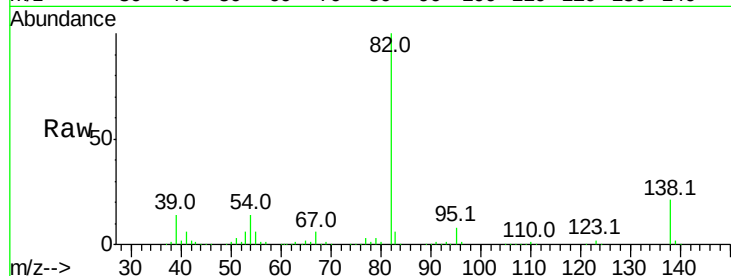
Tot Ion: 82 Resp: 425906

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 20.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 49.523 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

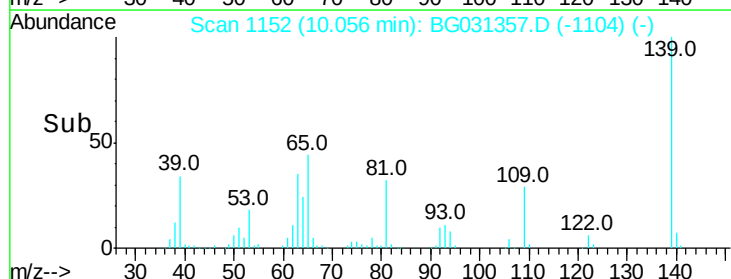
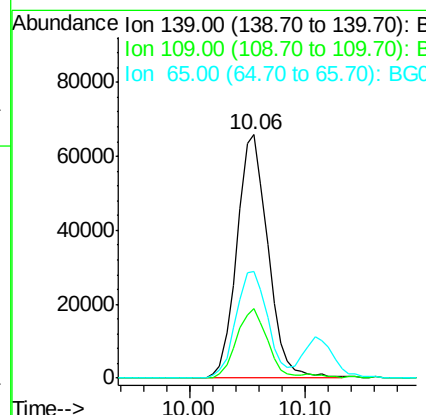
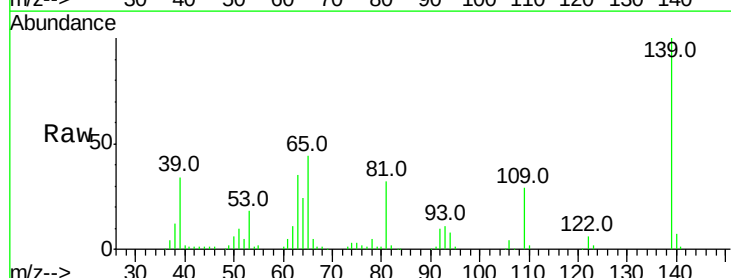
Tgt Ion: 139 Resp: 122992

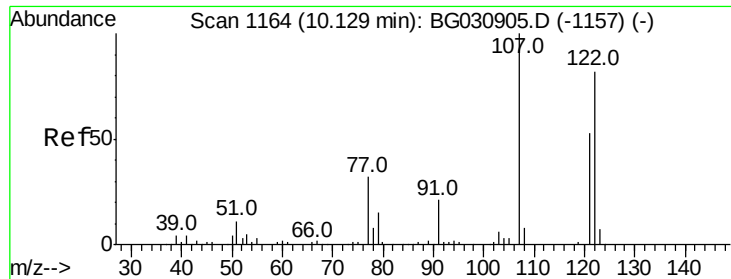
Ion Ratio Lower Upper

139 100

109 28.5 24.2 36.2

65 44.0 47.4 71.0#

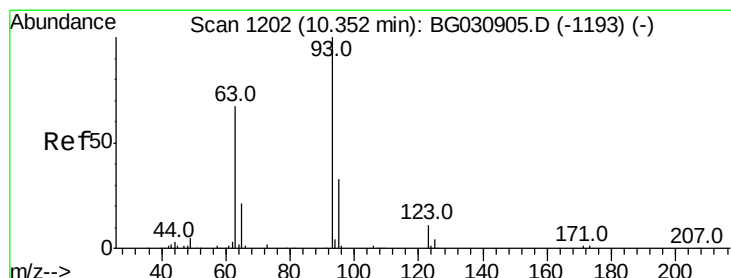
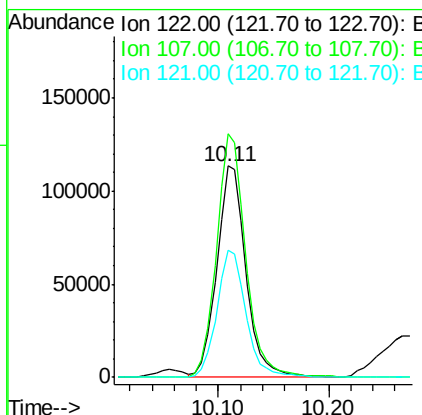
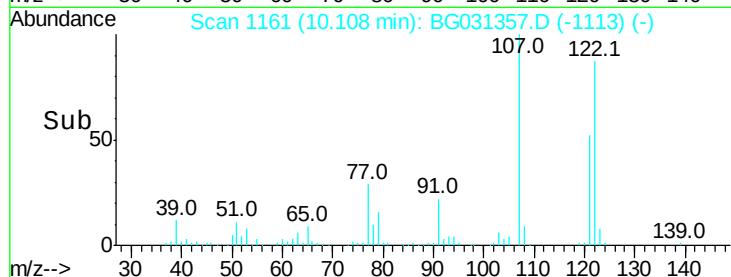
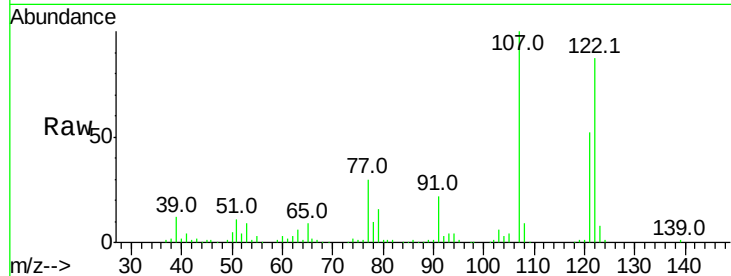




#27
 2,4-Dimethylphenol
 Concen: 55.756 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

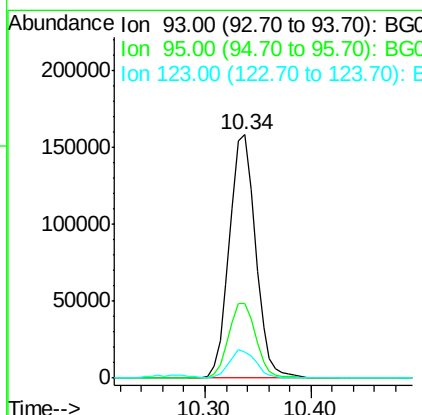
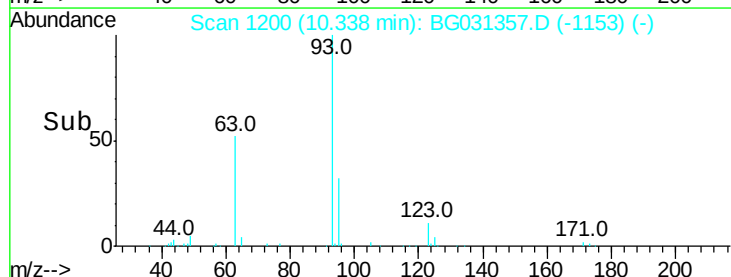
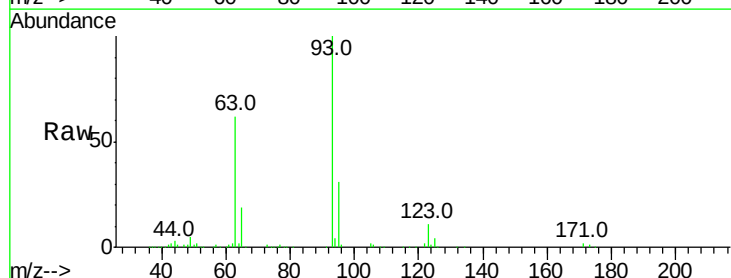
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

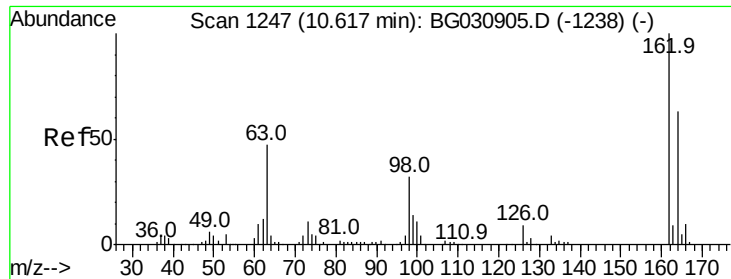
Tot Ion:	122	Resp:	205571
Ion	Ratio	Lower	Upper
122	100		
107	115.2	100.2	150.2
121	60.3	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.485 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion:	93	Resp:	272051
Ion	Ratio	Lower	Upper
93	100		
95	30.8	24.3	36.5
123	10.9	8.4	12.6

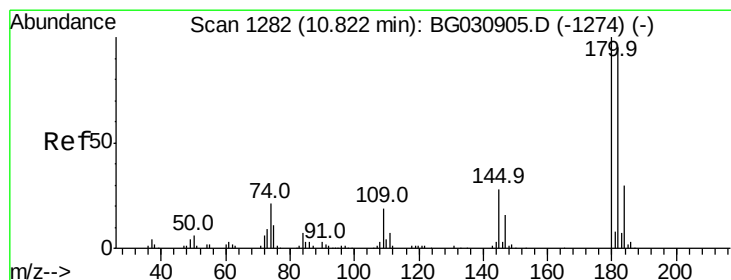
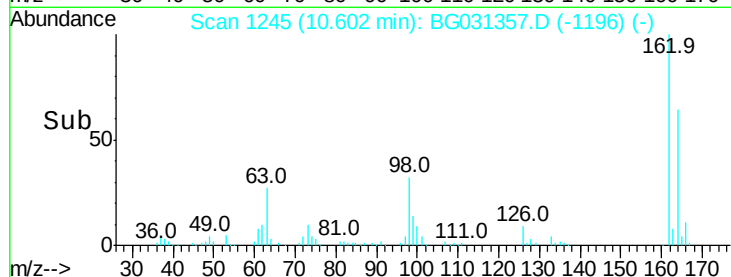
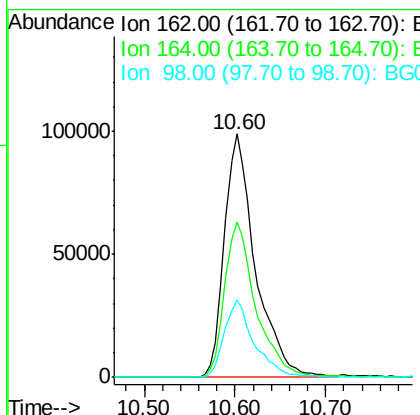
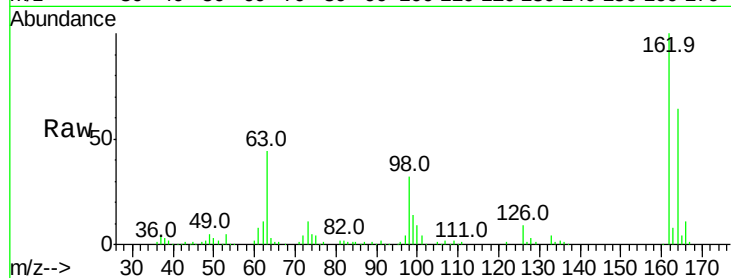




#29
 2,4-Dichlorophenol
 Concen: 53.240 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

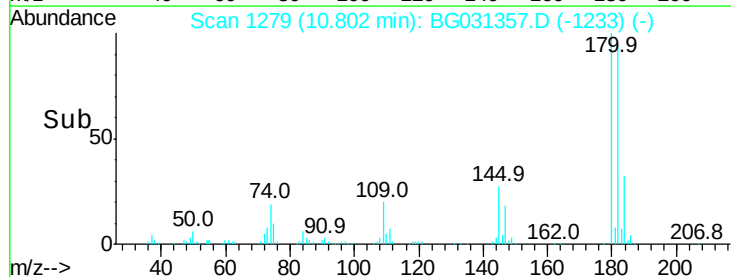
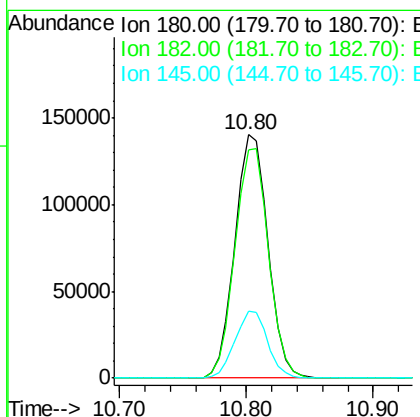
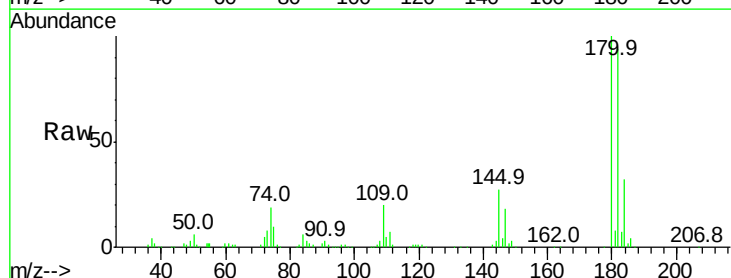
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

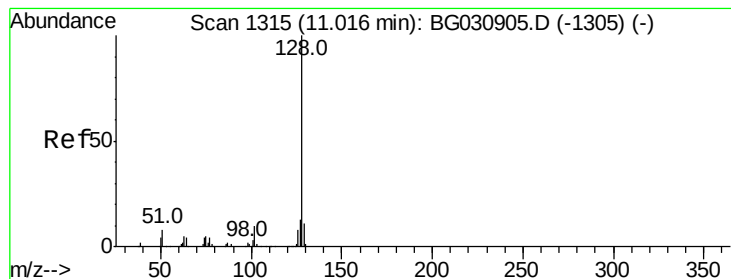
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	48.0	88.0
98	31.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 48.031 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.5	116.3
145	27.3	23.4	35.2





#31

Naphthalene

Concen: 47.799 ng

RT: 11.00 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

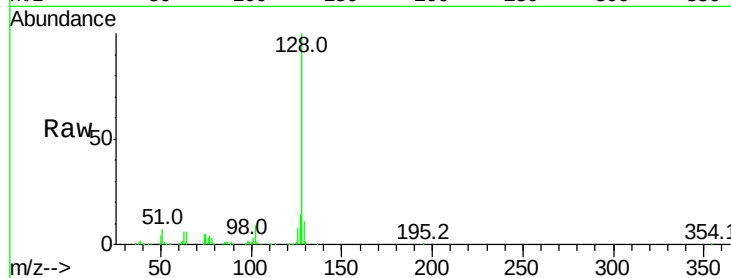
Tot Ion:128 Resp: 649441

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

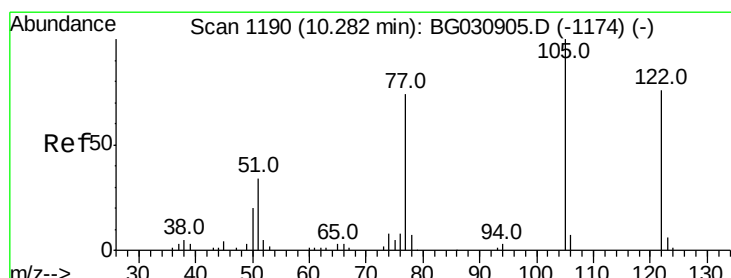
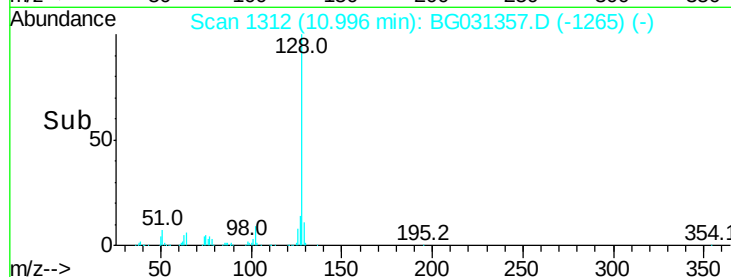
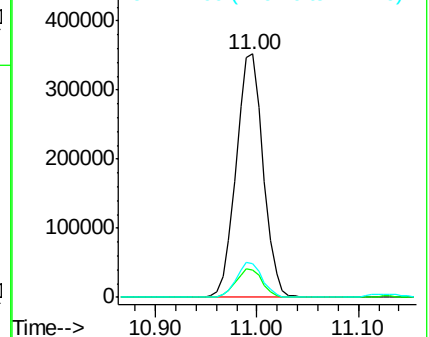
127 13.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.923 ng

RT: 10.27 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

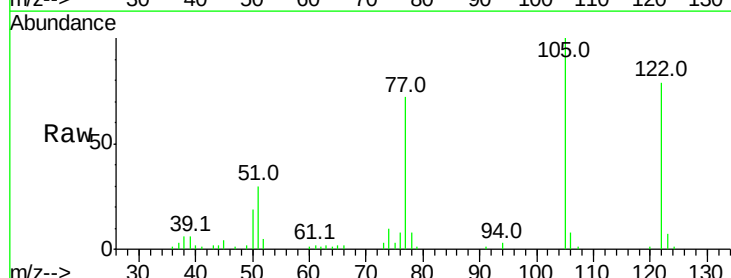
Tgt Ion:122 Resp: 70540

Ion Ratio Lower Upper

122 100

105 126.1 123.5 163.5

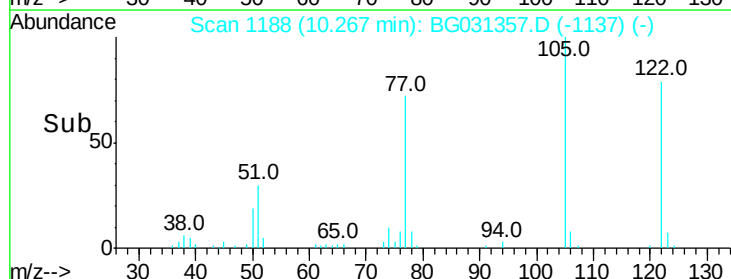
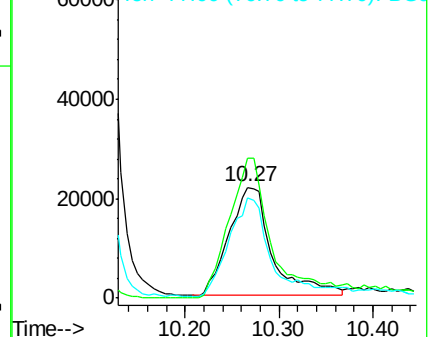
77 91.0 85.7 125.7

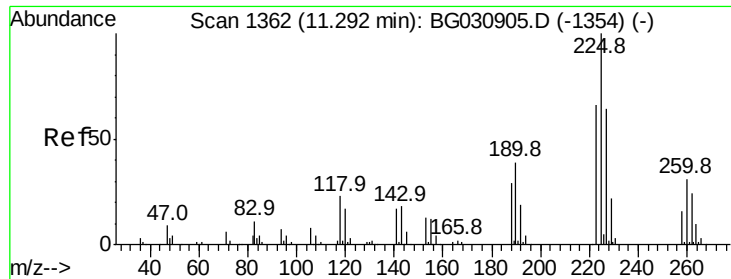


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





#34

Hexachlorobutadiene

Concen: 43.777 ng

RT: 11.27 min Scan# 1359

Delta R.T. -0.03 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

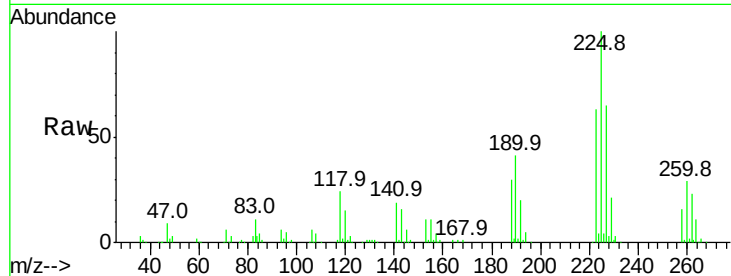
Tot Ion:225 Resp: 160482

Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

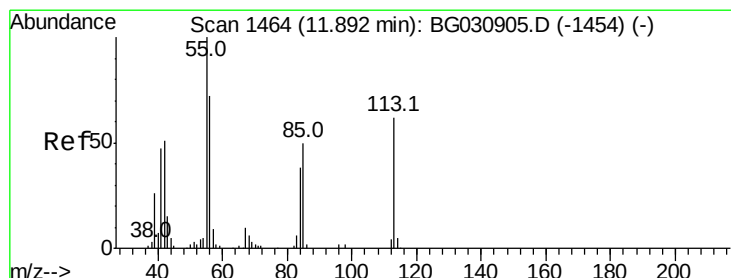
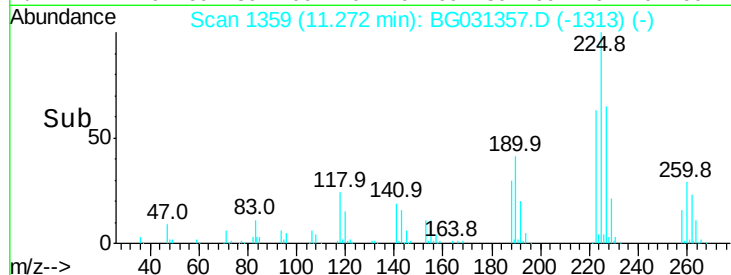
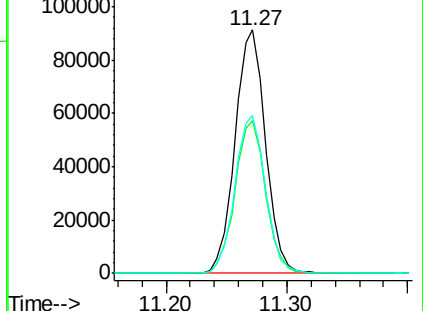
227 65.0 48.1 72.1



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: 19.323 ng

RT: 11.89 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

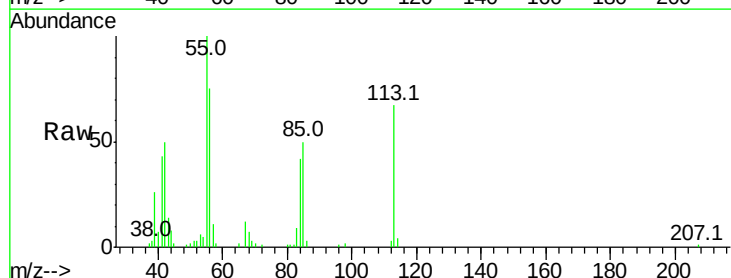
Tgt Ion:113 Resp: 34949

Ion Ratio Lower Upper

113 100

55 149.0 186.9 226.9#

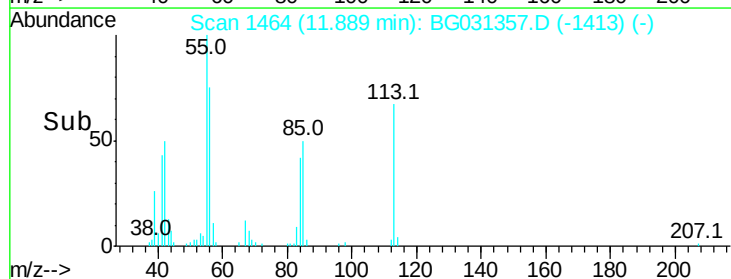
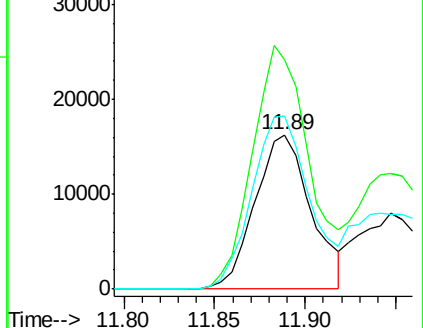
56 112.0 130.9 170.9#

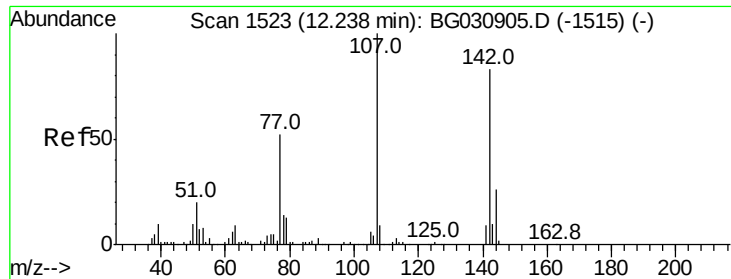


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

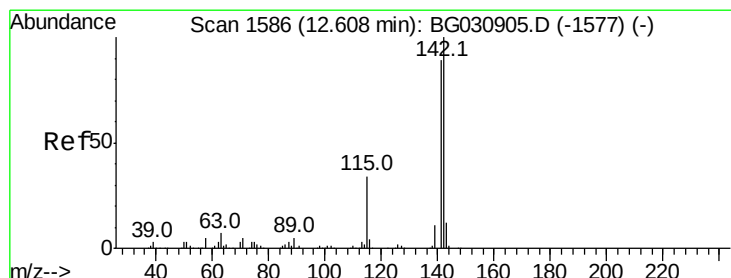
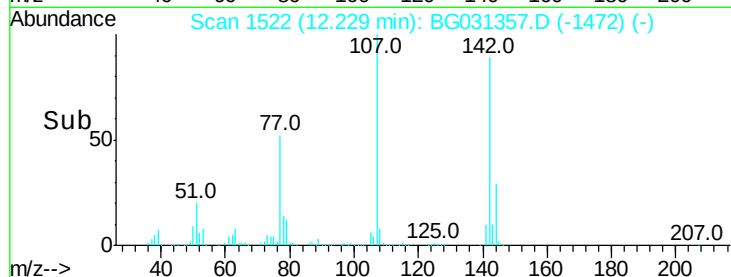
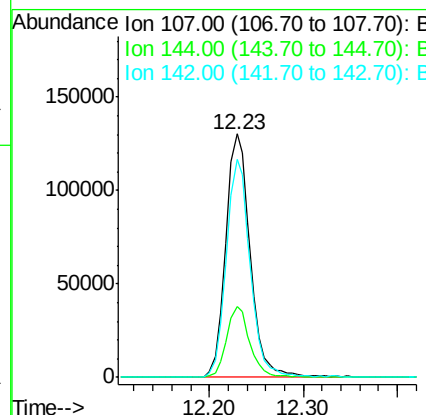
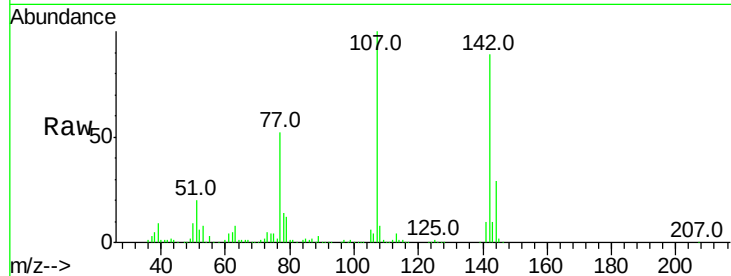




#36
4-Chloro-3-methylphenol
Concen: 49.044 ng
RT: 12.23 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

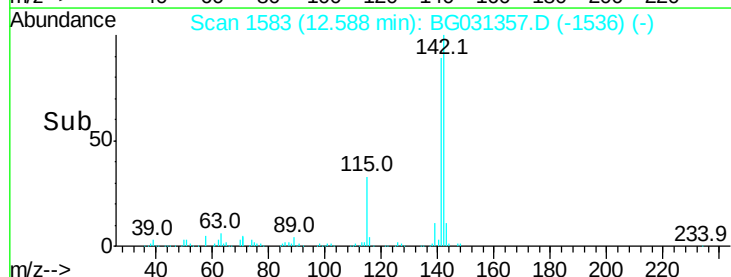
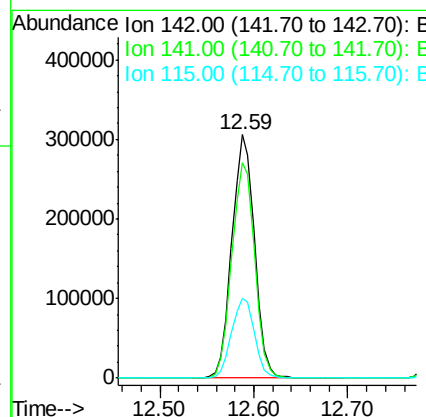
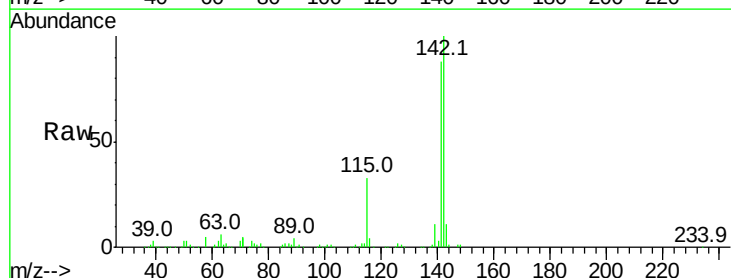
Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

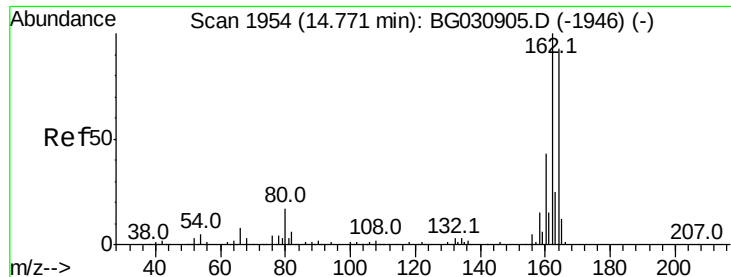
Tot Ion:107 Resp: 236330
Ion Ratio Lower Upper
107 100
144 29.0 18.2 27.4#
142 89.3 59.0 88.4#



#37
2-Methylnaphthalene
Concen: 48.637 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion:142 Resp: 510148
Ion Ratio Lower Upper
142 100
141 88.4 67.1 100.7
115 32.8 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

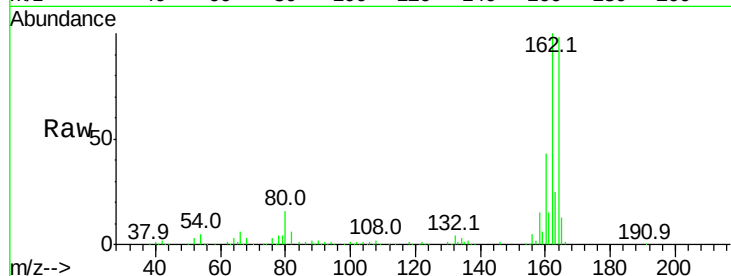
BNA_G

ClientSampleId :

SA-06-120117MSD

Tot Ion:164 Resp: 189240

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	43.9	35.4	53.0

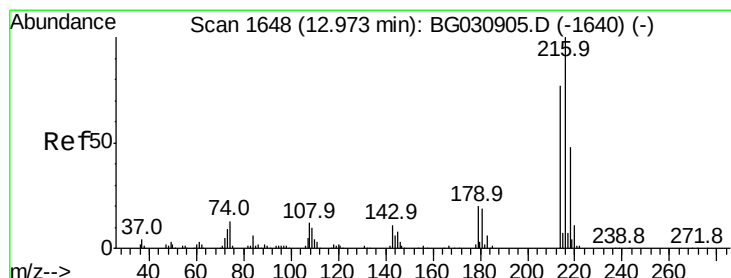
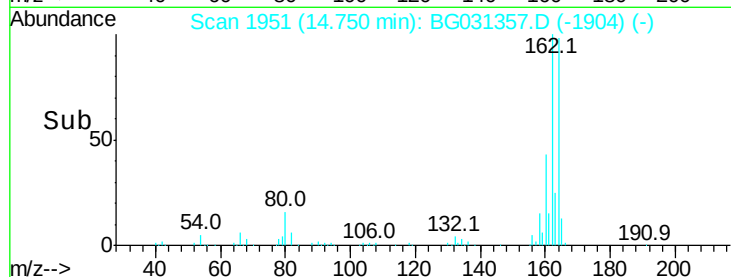
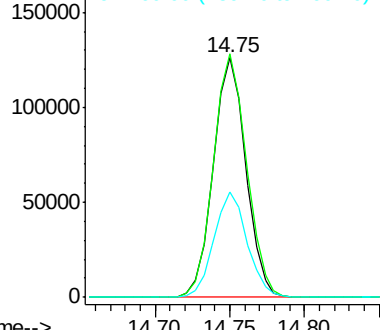


Abundance

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: 40.939 ng

RT: 12.96 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:216 Resp: 307488

Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.0	94.4
179	18.7	17.0	25.6
108	13.8	12.8	19.2

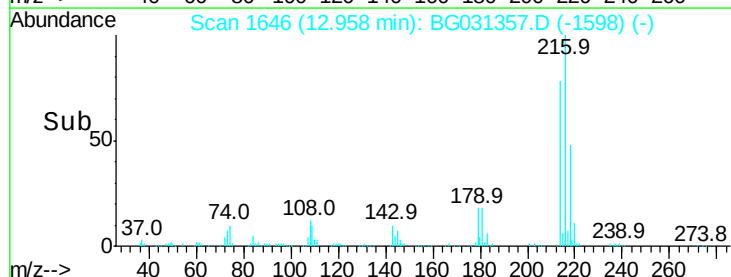
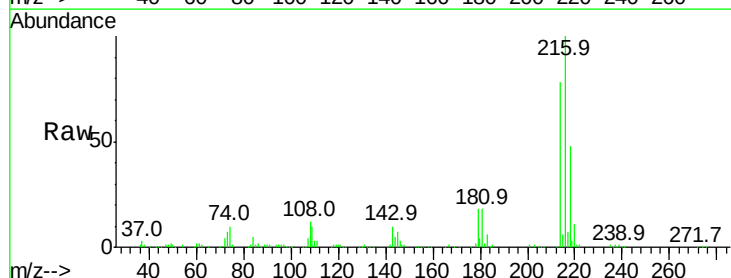
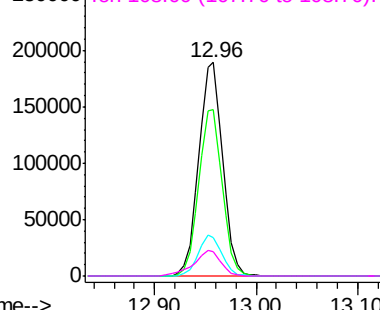
Abundance

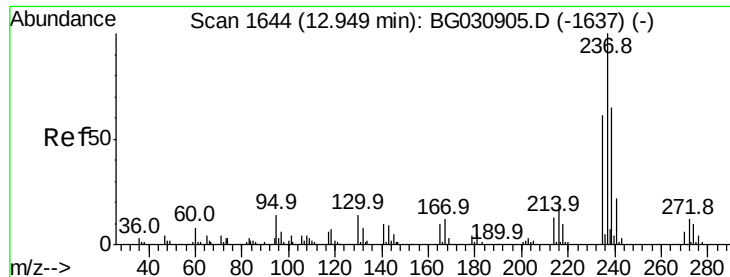
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

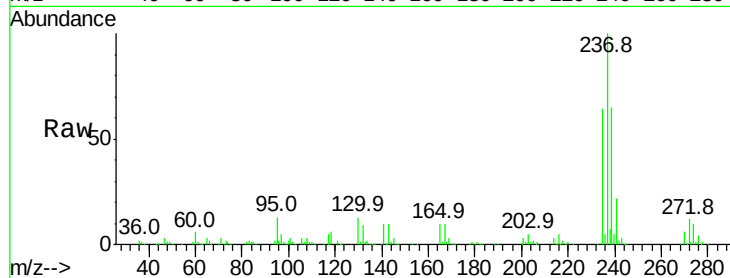




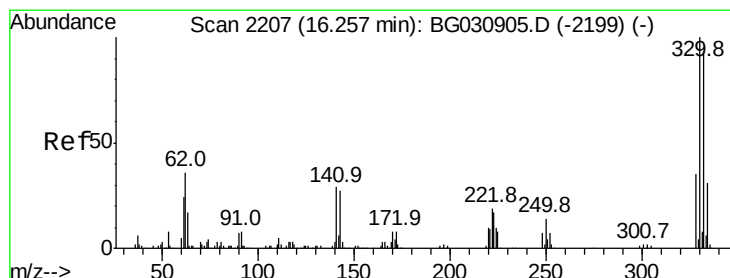
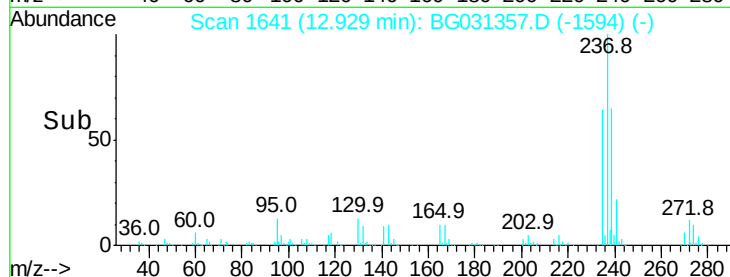
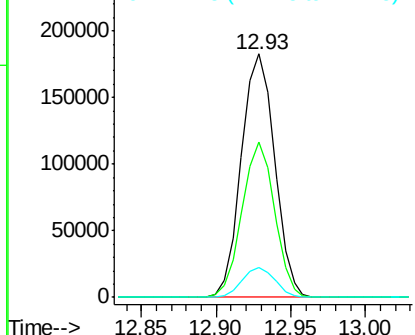
#40
Hexachlorocyclopentadiene
Concen: 98.990 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion:237 Resp: 283087
Ion Ratio Lower Upper
237 100
235 63.8 50.4 90.4
272 12.2 0.0 31.8

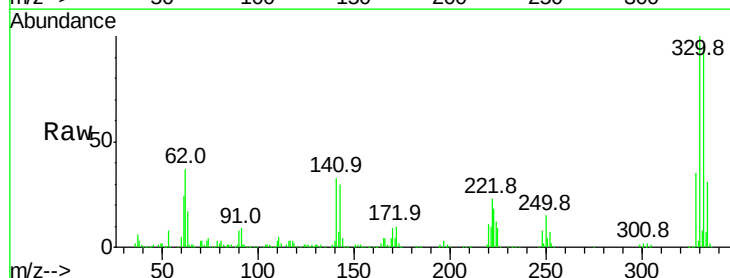


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

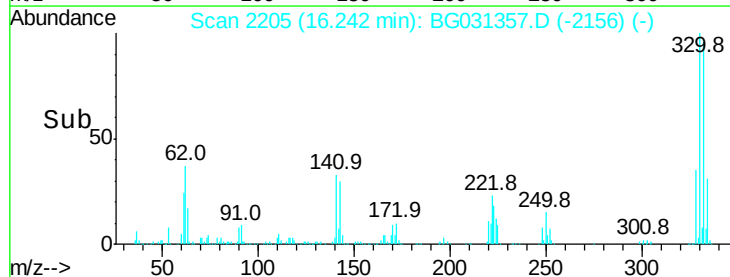
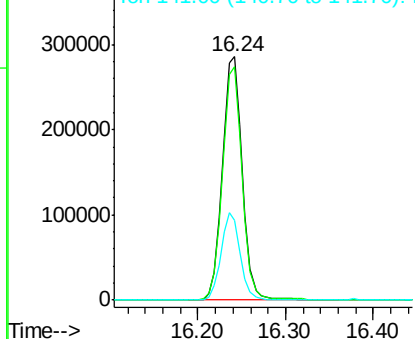


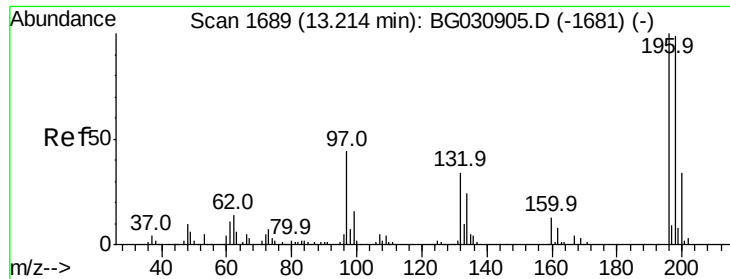
#41
2,4,6-Tribromophenol
Concen: 146.490 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion:330 Resp: 448448
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 34.7 25.2 37.8



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

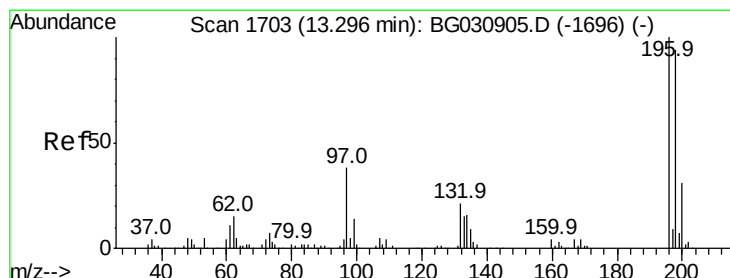
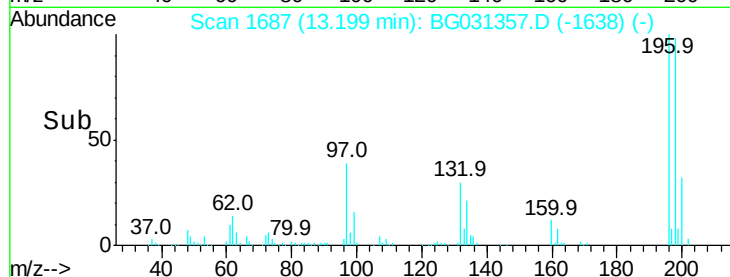
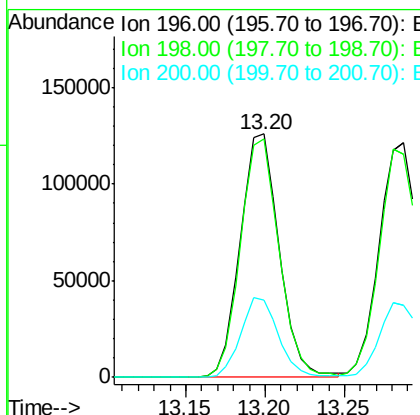
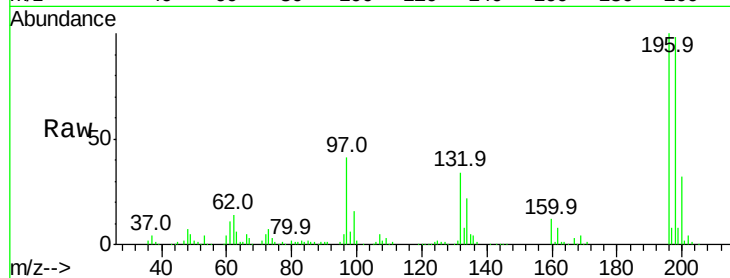




#42
 2,4,6-Trichlorophenol
 Concen: 50.027 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

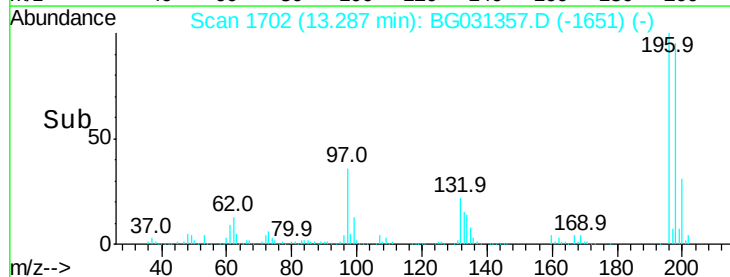
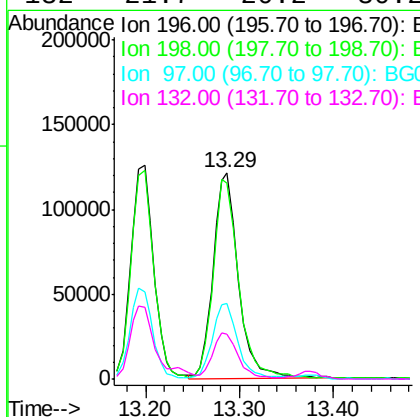
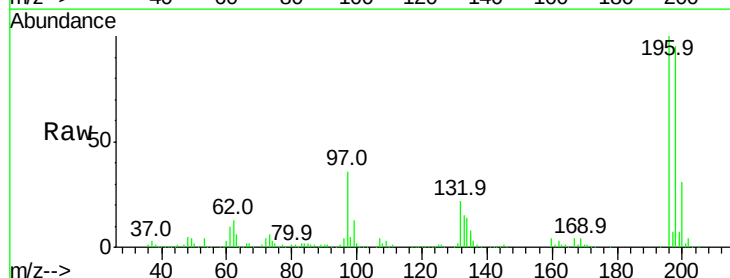
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

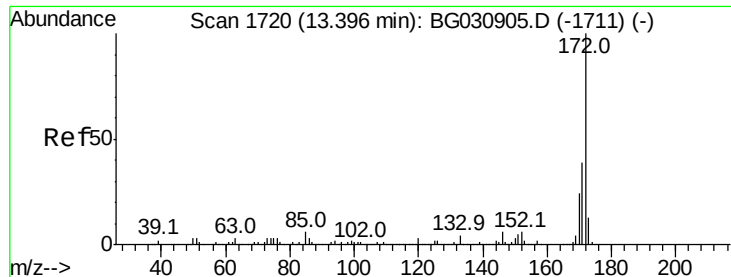
Tot Ion:196 Resp: 214802
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.2 117.2
 200 31.8 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 48.521 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion:196 Resp: 227946
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 97 36.4 38.7 58.1#
 132 21.7 20.2 30.2

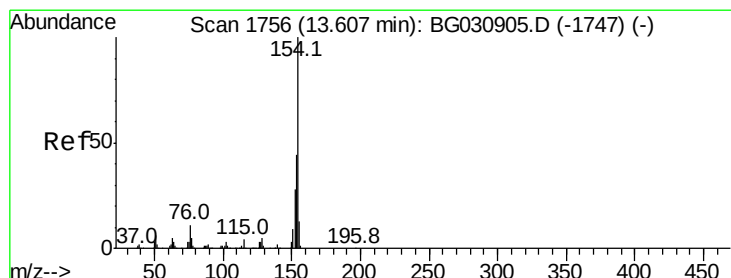
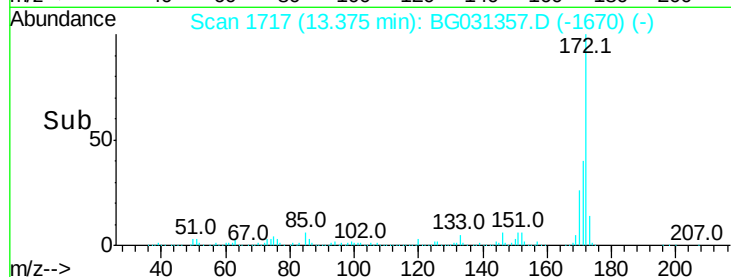
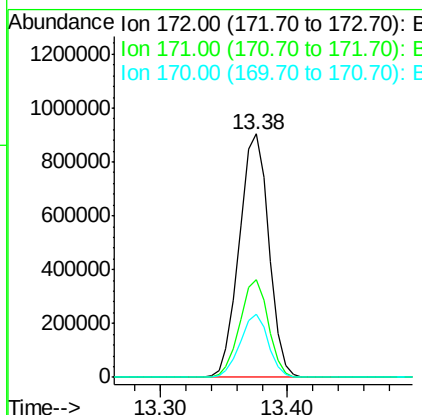
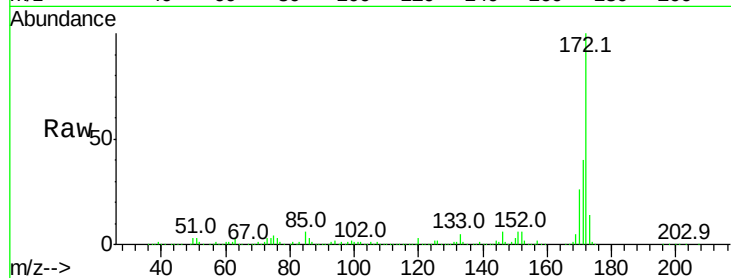




#44
2-Fluorobiphenyl
Concen: 110.855 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

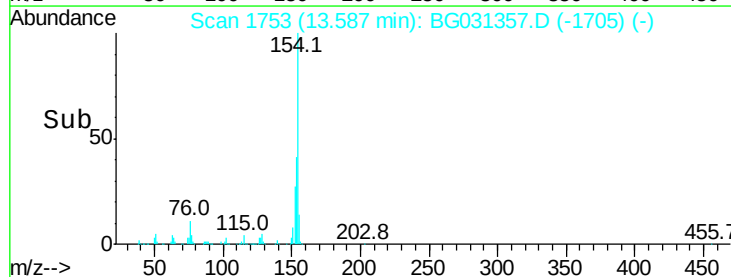
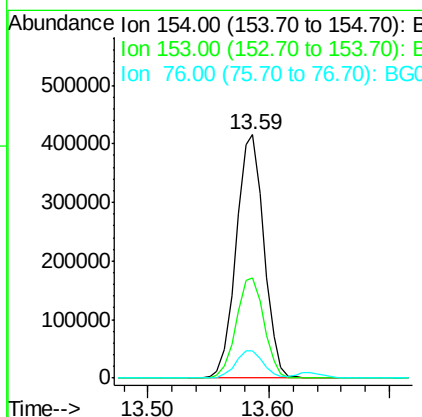
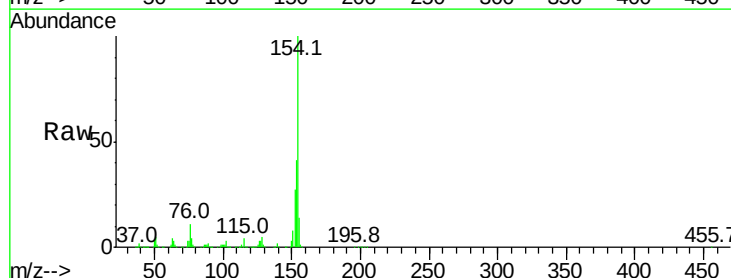
Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

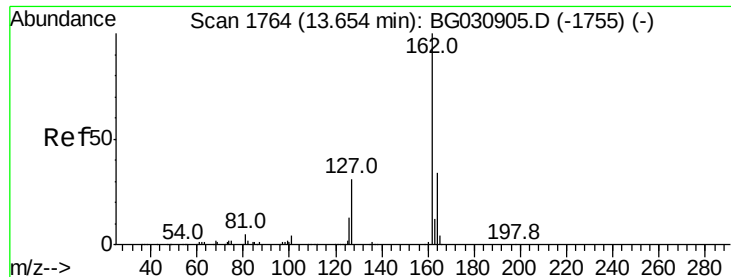
Tot Ion:172 Resp: 1459967
Ion Ratio Lower Upper
172 100
171 40.1 30.0 45.0
170 25.7 19.5 29.3



#45
1,1'-Biphenyl
Concen: 42.260 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion:154 Resp: 663164
Ion Ratio Lower Upper
154 100
153 41.4 19.8 59.8
76 11.2 0.0 31.9

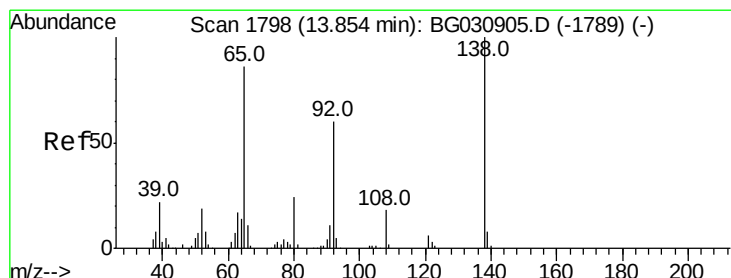
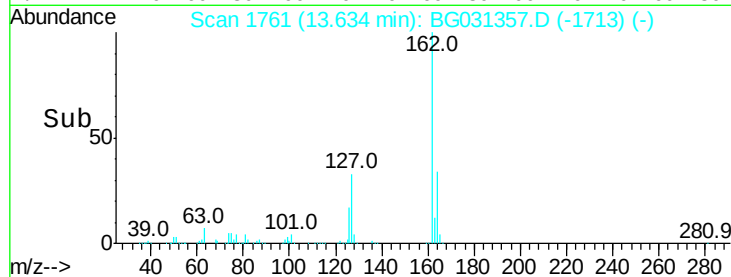
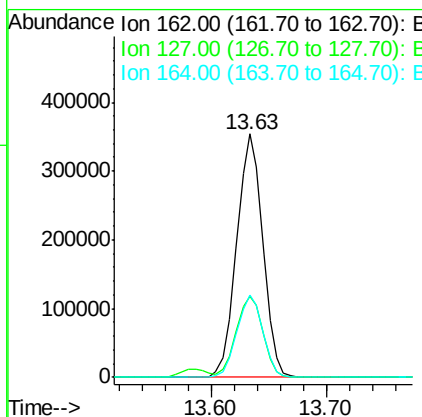
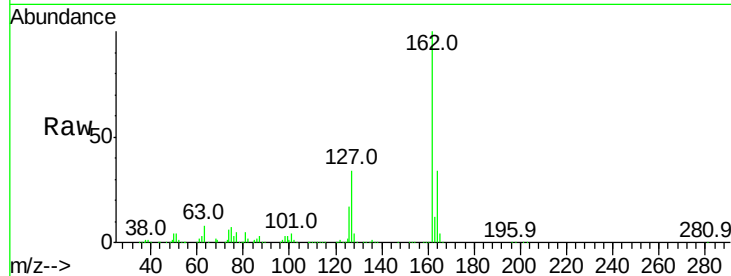




#46
 2-Chloronaphthalene
 Concen: 48.854 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

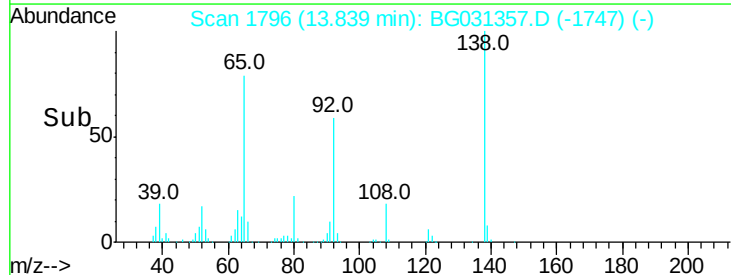
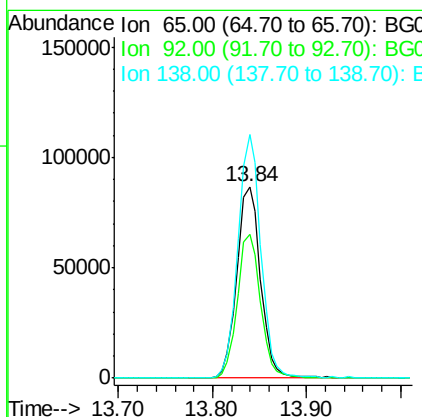
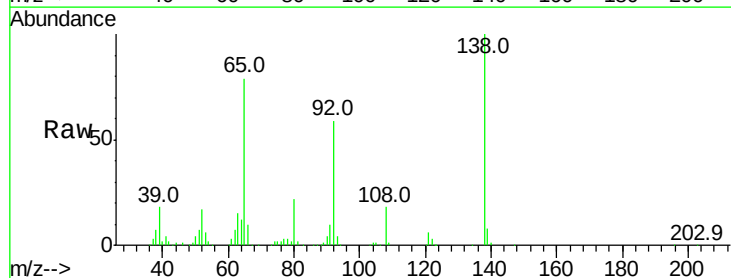
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

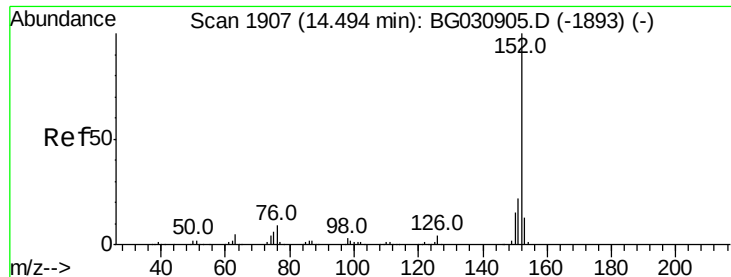
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.5	30.7	46.1
164	33.6	26.0	39.0



#47
 2-Nitroaniline
 Concen: 45.311 ng
 RT: 13.84 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	54.6	82.0
138	127.3	72.9	109.3





#48

Acenaphthylene

Concen: 45.530 ng

RT: 14.47 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

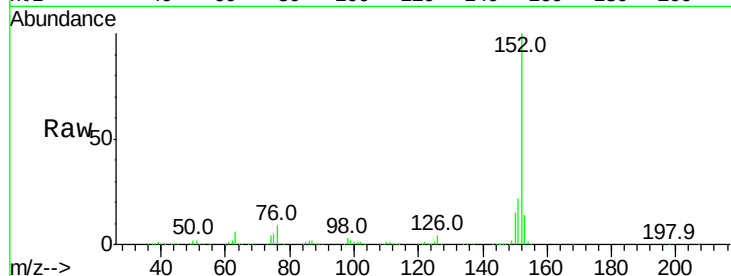
Tot Ion:152 Resp: 843723

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

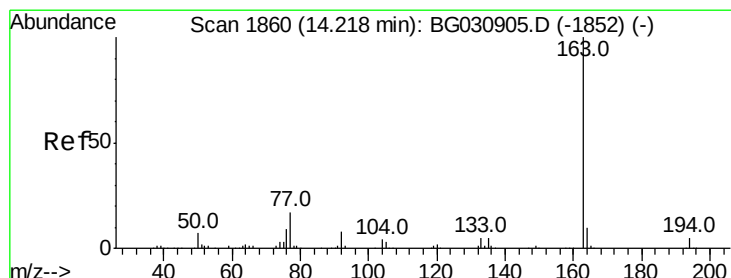
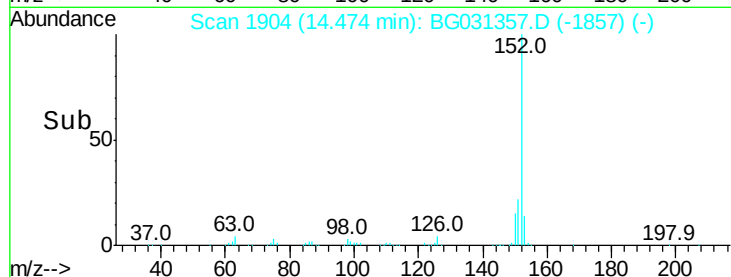
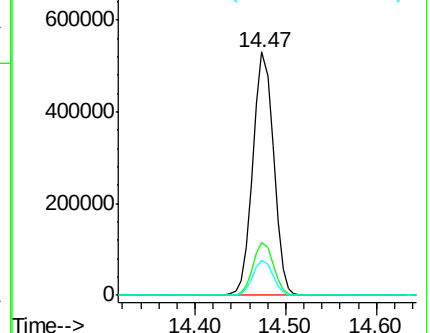
153 14.4 10.2 15.4



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: 45.757 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

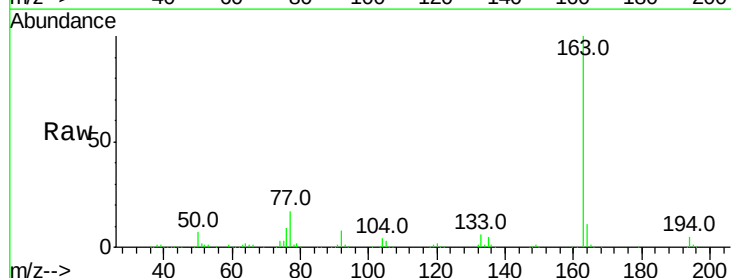
Tgt Ion:163 Resp: 748691

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

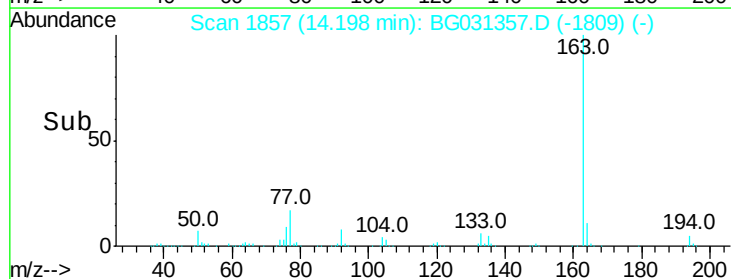
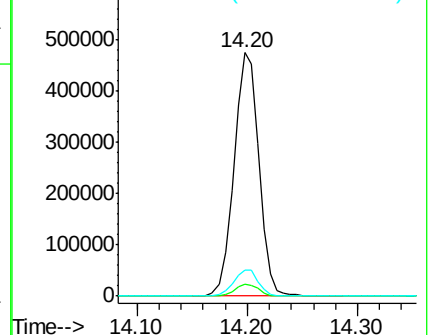
164 10.8 8.2 12.4

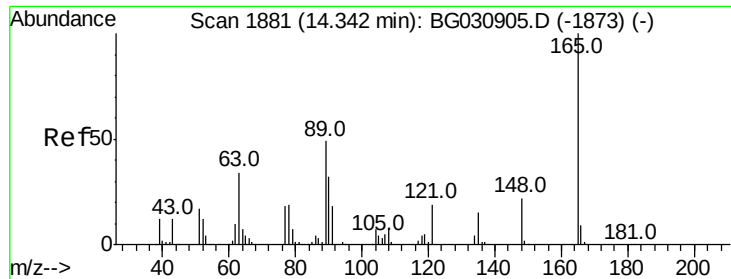


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

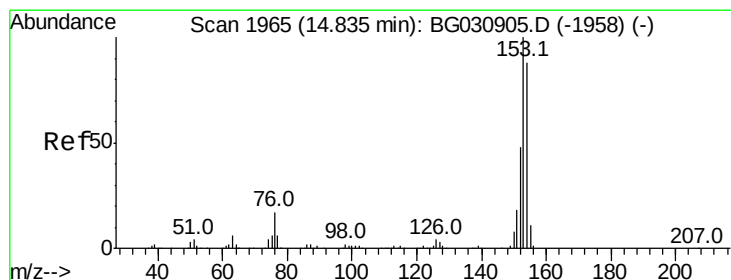
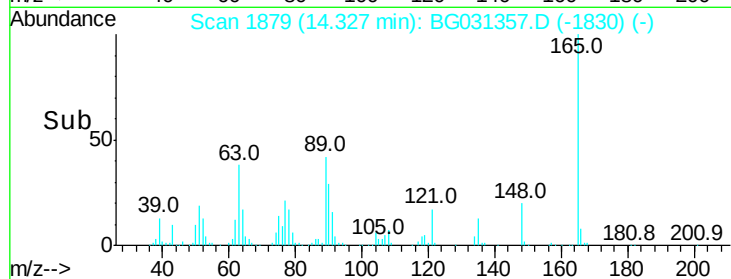
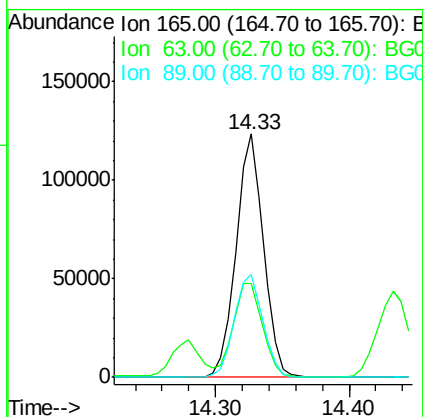
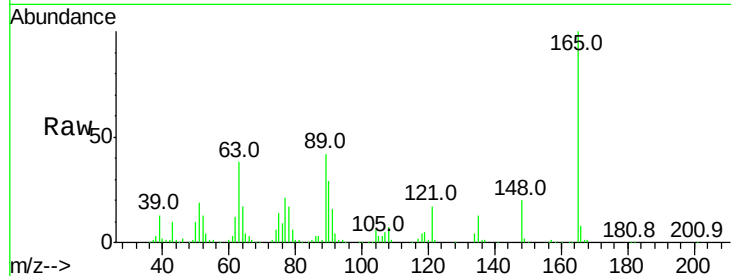




#50
 2,6-Dinitrotoluene
 Concen: 51.993 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

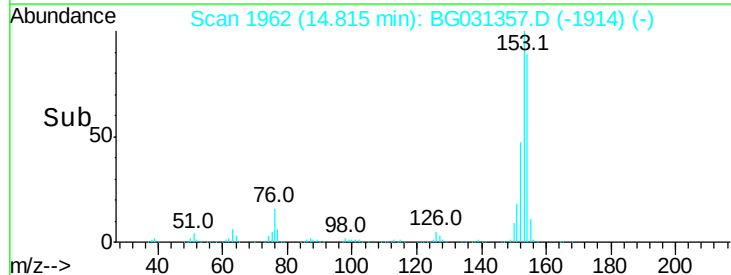
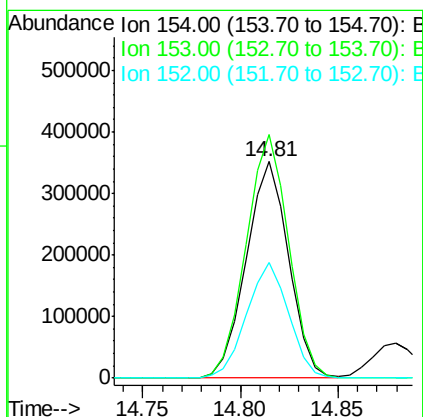
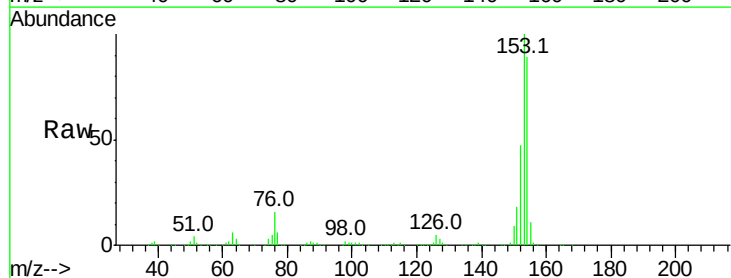
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

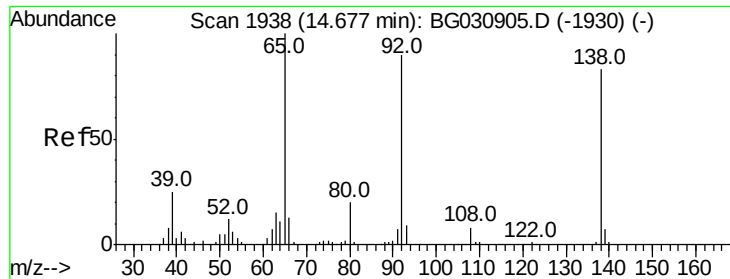
Tot Ion:165 Resp: 175349
 Ion Ratio Lower Upper
 165 100
 63 38.3 52.7 79.1#
 89 42.3 49.2 73.8#



#51
 Acenaphthene
 Concen: 45.753 ng
 RT: 14.81 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion:154 Resp: 529511
 Ion Ratio Lower Upper
 154 100
 153 112.5 90.4 135.6
 152 53.2 41.6 62.4

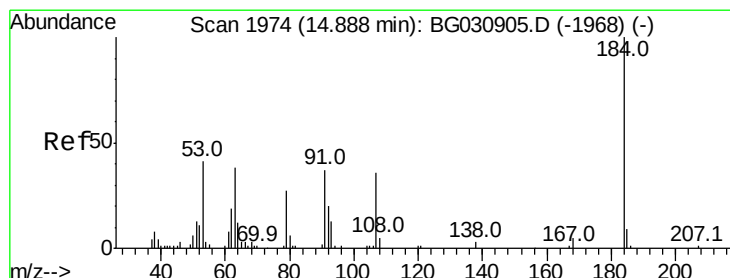
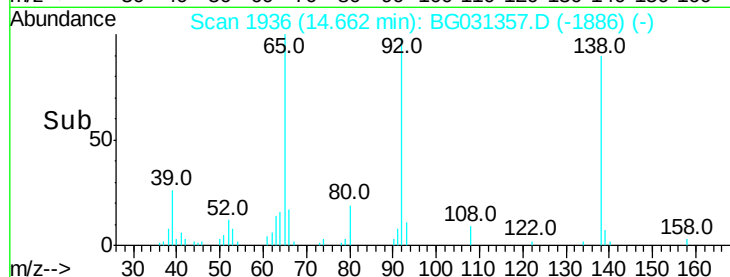
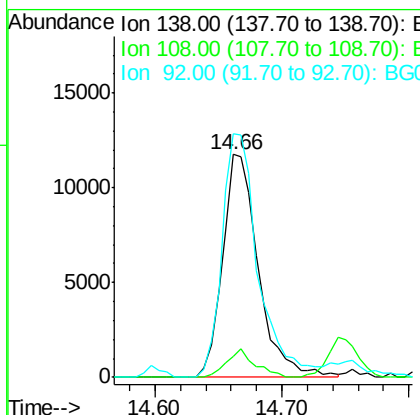
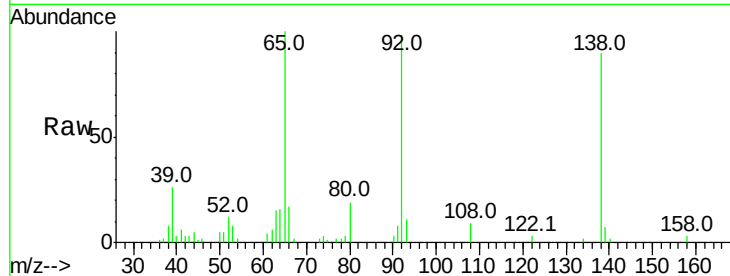




#52
 3-Nitroaniline
 Concen: 6.406 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

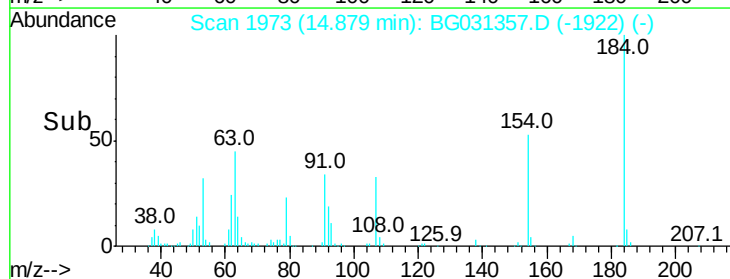
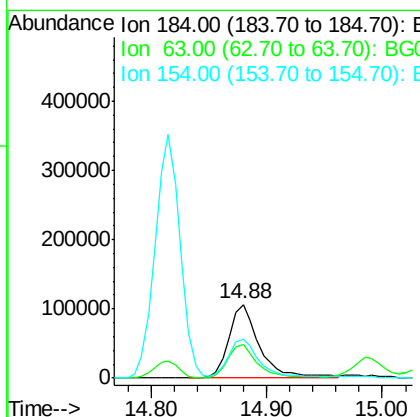
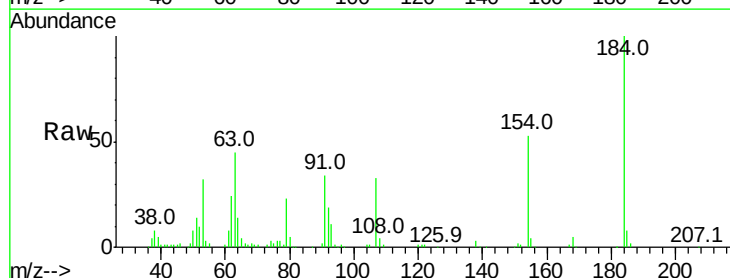
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

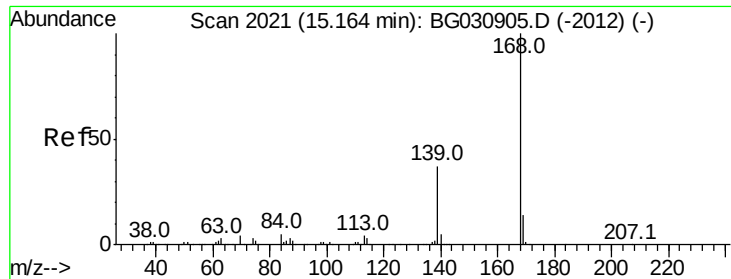
Tot Ion:138 Resp: 22939
 Ion Ratio Lower Upper
 138 100
 108 9.7 17.5 26.3#
 92 109.3 105.8 158.8



#53
 2,4-Dinitrophenol
 Concen: 103.298 ng
 RT: 14.88 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion:184 Resp: 195079
 Ion Ratio Lower Upper
 184 100
 63 45.5 59.8 89.8#
 154 53.1 101.8 152.8#





#54

Dibenzofuran

Concen: 47.805 ng

RT: 15.15 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

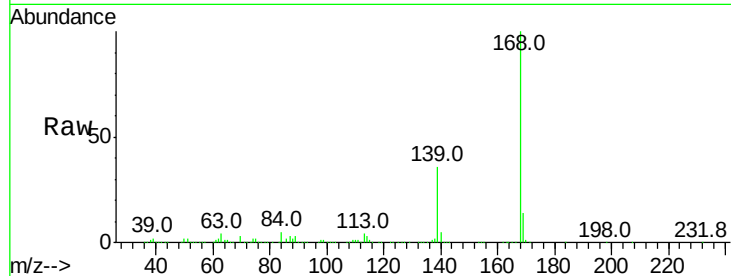
Tot Ion:168 Resp: 881255

Ion Ratio Lower Upper

168 100

139 35.9 28.6 43.0

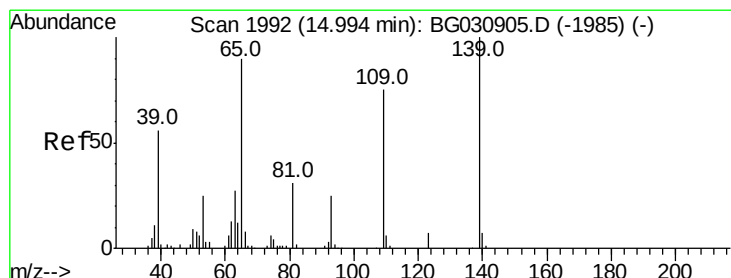
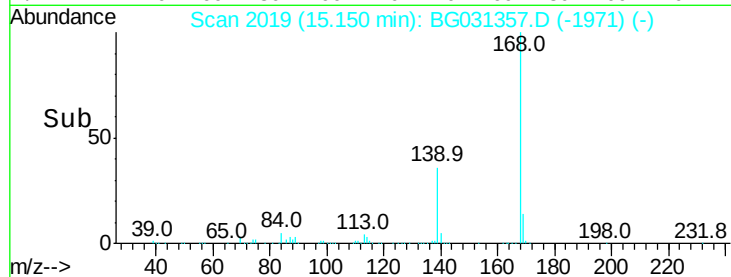
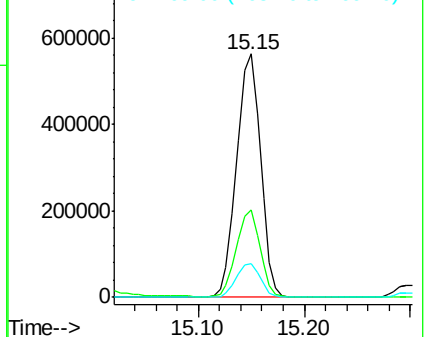
169 13.8 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 88.547 ng

RT: 14.99 min Scan# 1992

Delta R.T. 0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

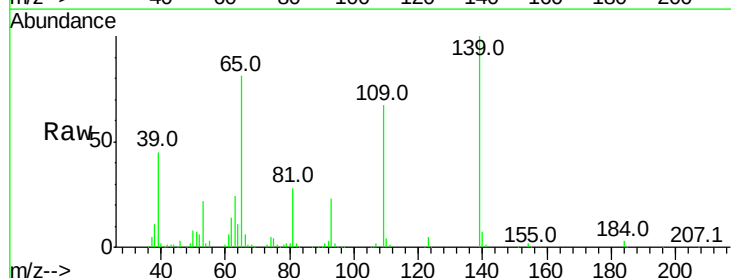
Tgt Ion:139 Resp: 225875

Ion Ratio Lower Upper

139 100

109 67.0 62.2 102.2

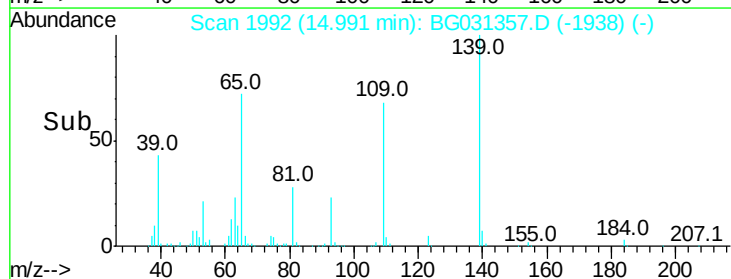
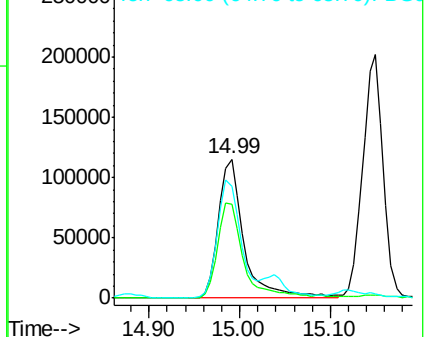
65 80.7 97.2 137.2#

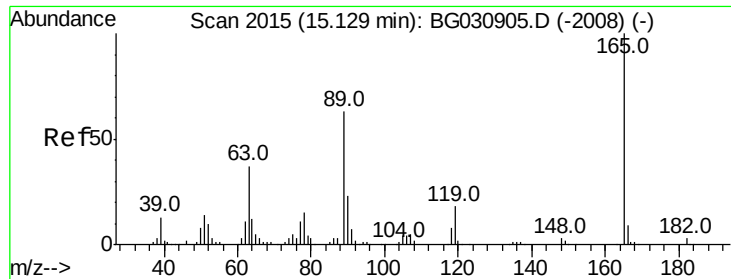


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

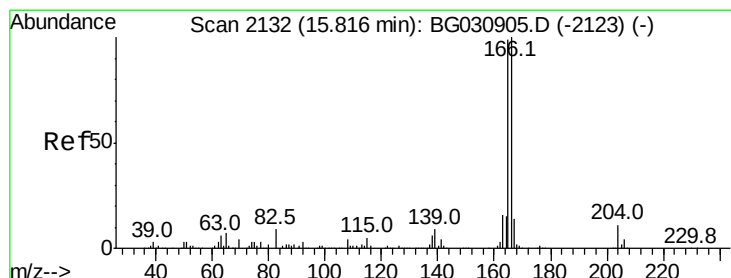
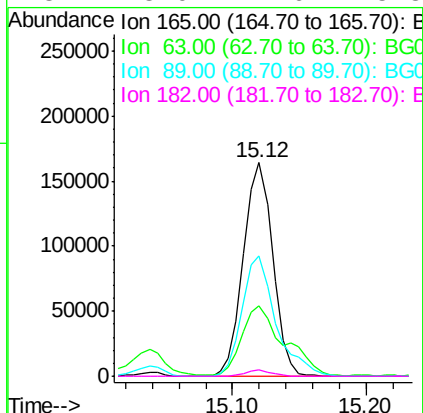
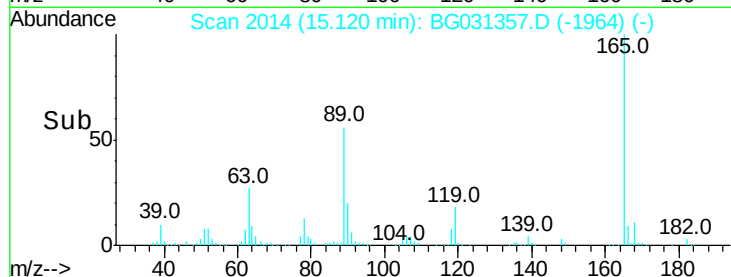
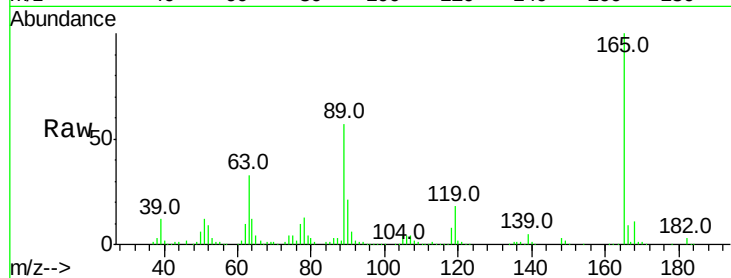




#56
2,4-Dinitrotoluene
Concen: 51.379 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

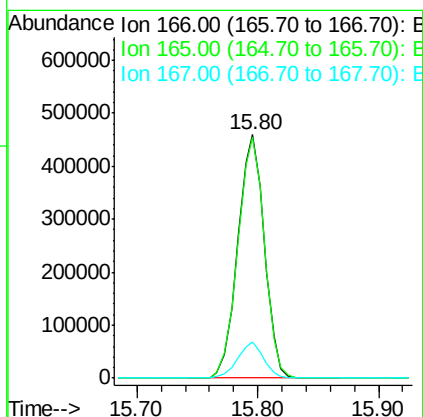
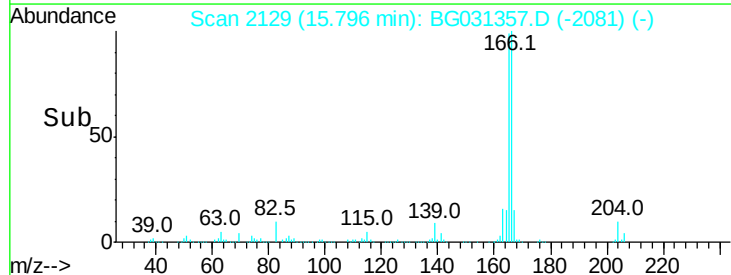
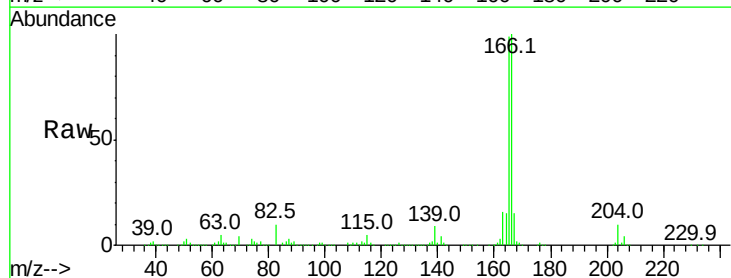
Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

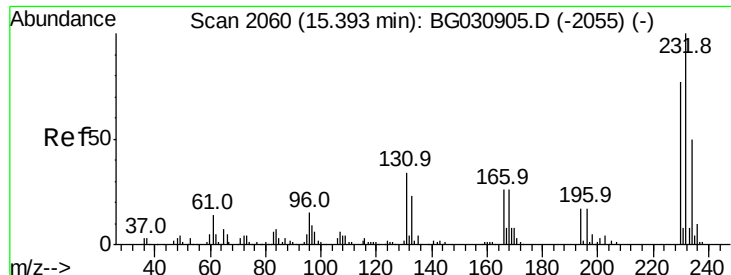
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.1	42.0	63.0#
89	56.5	66.9	100.3#
182	3.0	2.6	3.8



#57
Fluorene
Concen: 46.911 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.6	121.0
167	14.7	10.4	15.6

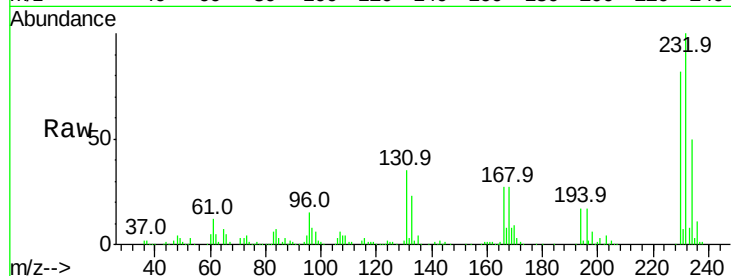




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.744 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

Tot Ion:	232	Resp:	227201
Ion	Ratio	Lower	Upper
232	100		
131	34.1	33.5	50.3
130	2.1	2.2	3.2#
166	26.9	24.8	37.2

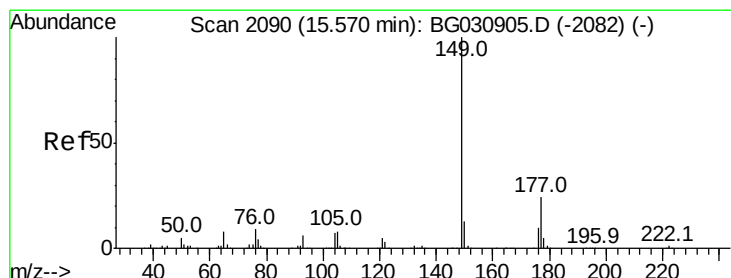
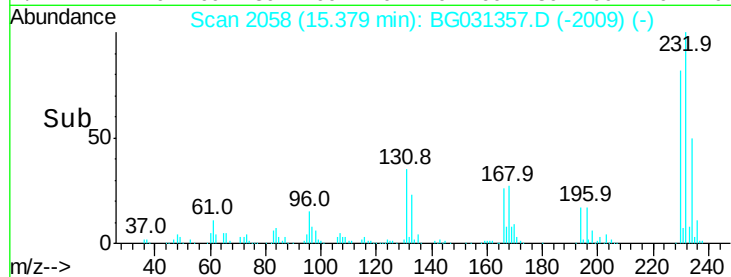
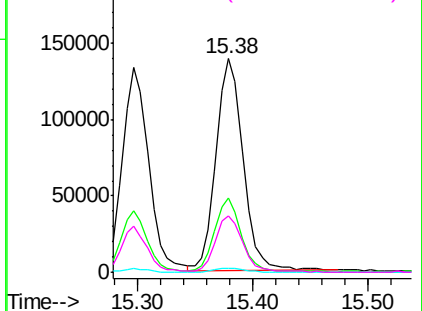


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

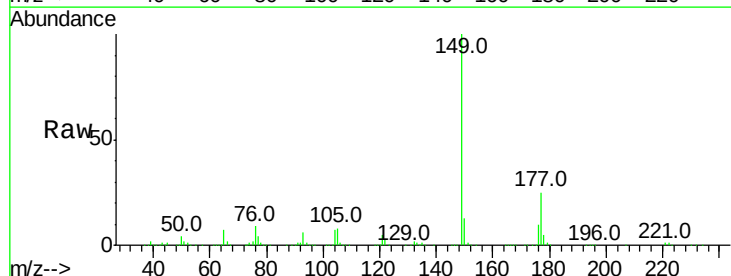
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 45.553 ng
 RT: 15.55 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

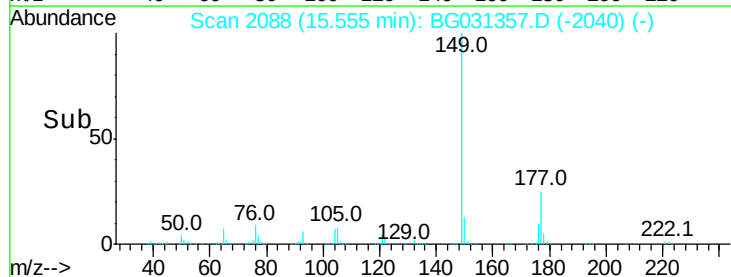
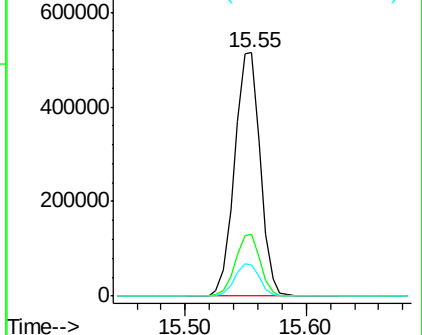
Tgt Ion:	149	Resp:	757126
Ion	Ratio	Lower	Upper
149	100		
177	25.3	18.5	27.7
150	13.0	10.2	15.2

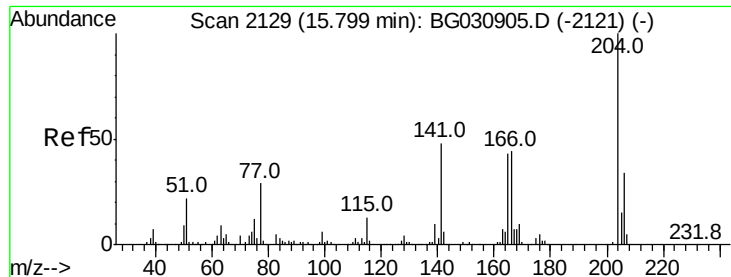


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

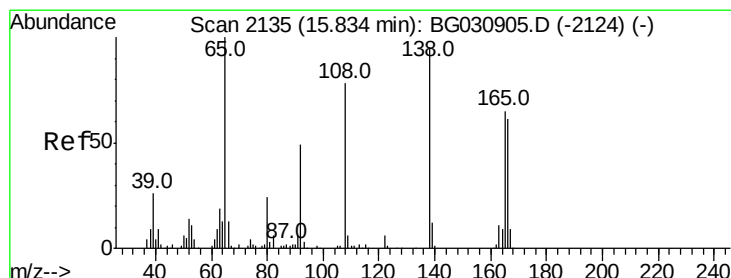
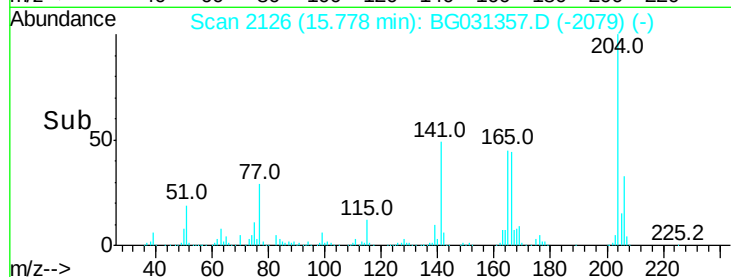
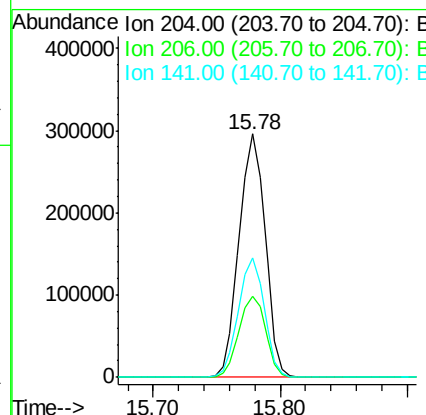
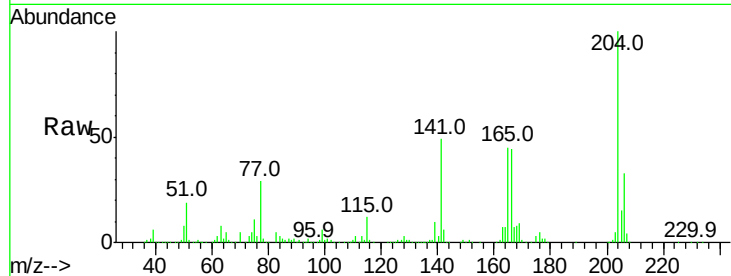




#60
4-Chlorophenyl-phenylether
Concen: 46.676 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

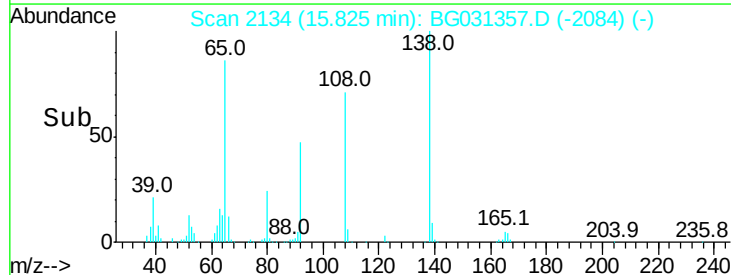
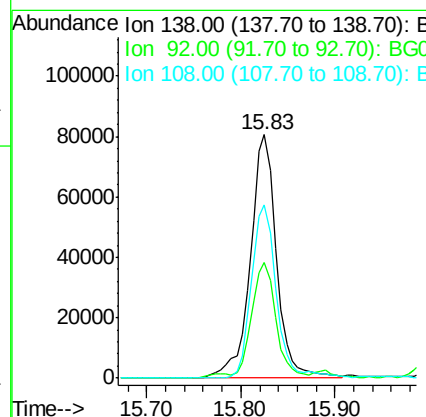
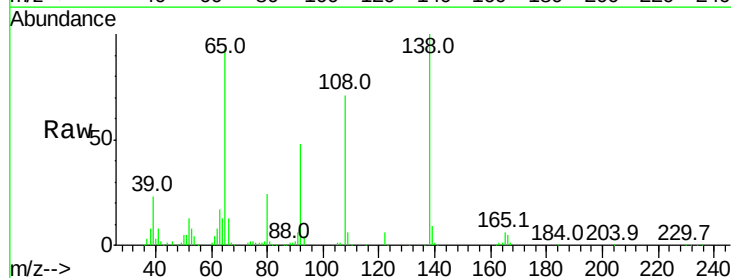
Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

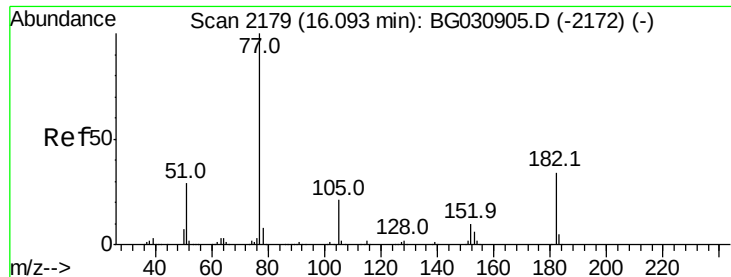
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	49.0	45.8	68.6



#61
4-Nitroaniline
Concen: 41.100 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	40.1	80.1
108	71.1	65.4	105.4

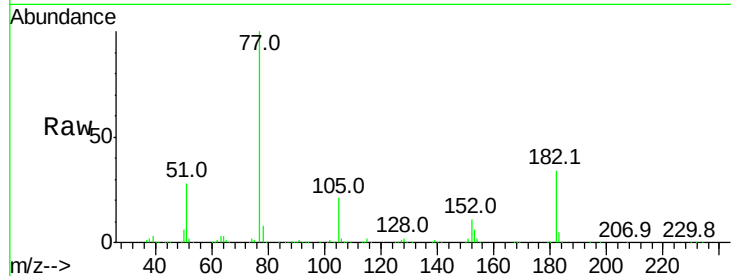




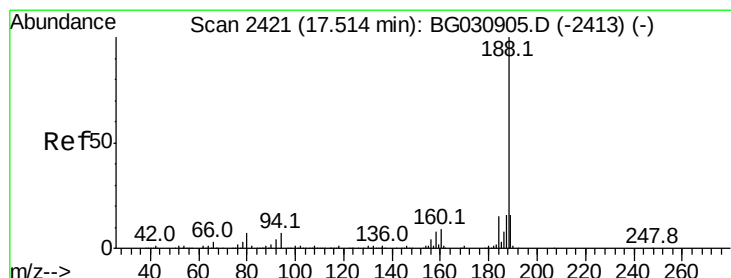
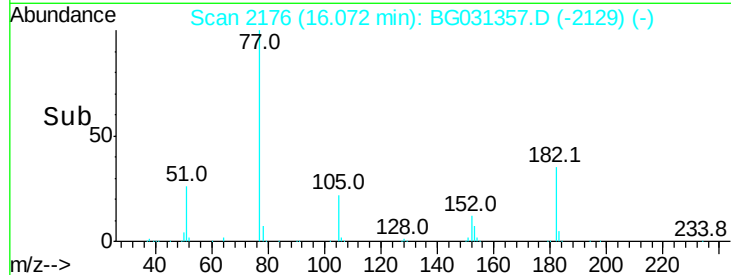
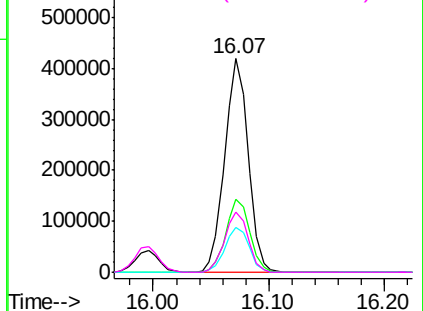
#62
Azobenzene
Concen: 46.367 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion: 77 Resp: 587734
Ion Ratio Lower Upper
77 100
182 34.4 7.4 47.4
105 21.3 0.3 40.3
51 28.2 11.6 51.6

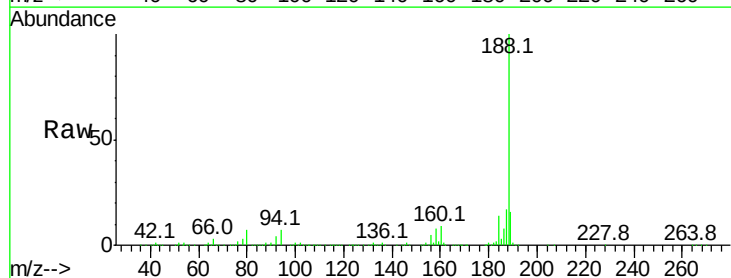


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

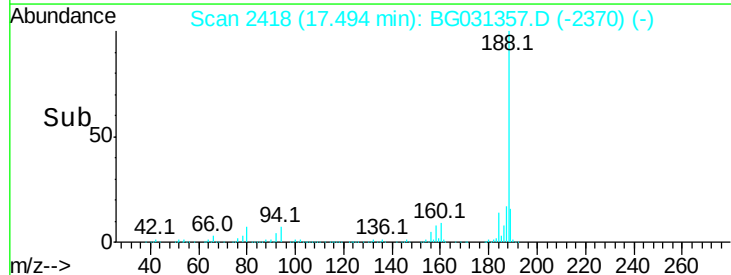
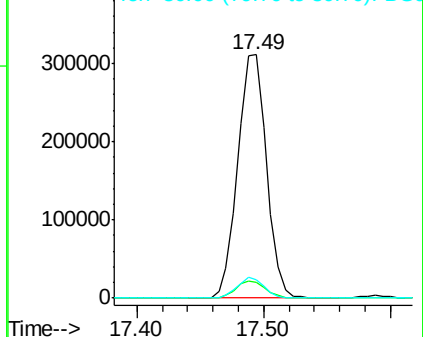


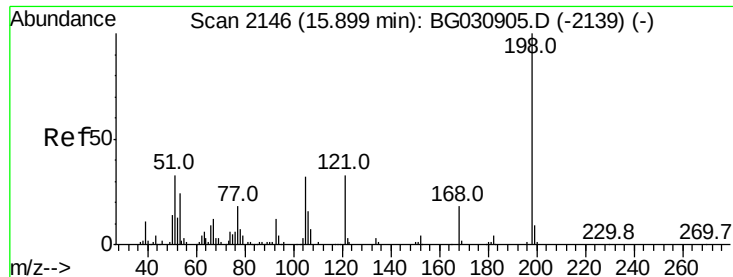
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion: 188 Resp: 487864
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.4 7.7 11.5#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 44.623 ng

RT: 15.88 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

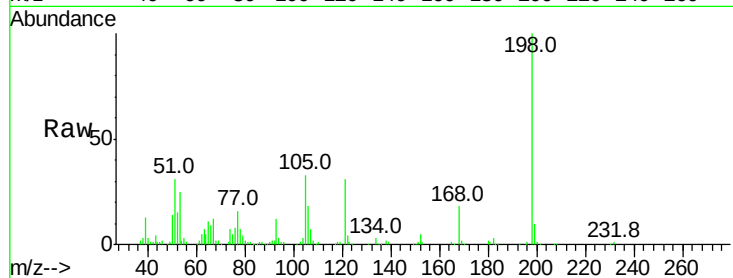
Tot Ion:198 Resp: 144703

Ion Ratio Lower Upper

198 100

51 31.1 30.6 70.6

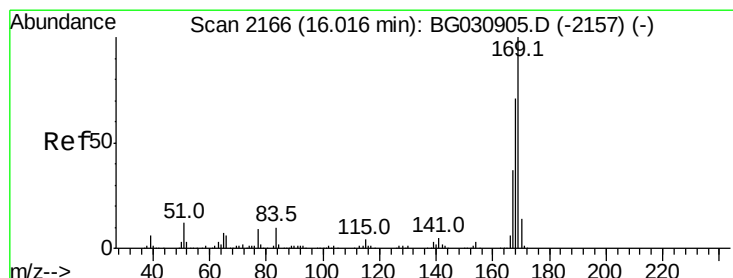
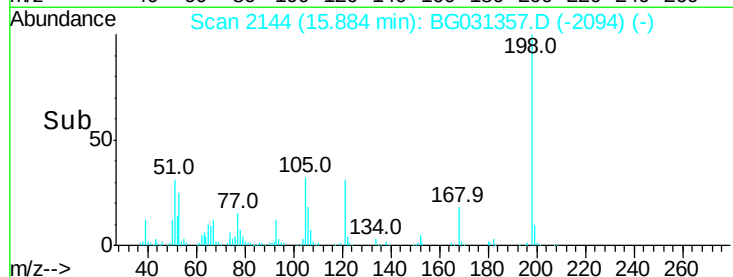
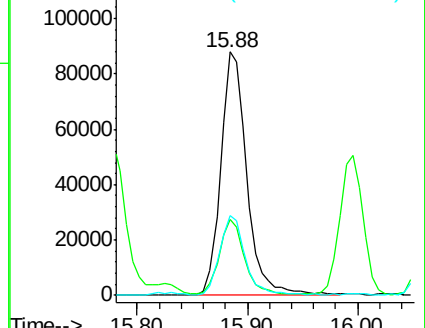
105 32.5 23.8 63.8



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: 44.221 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

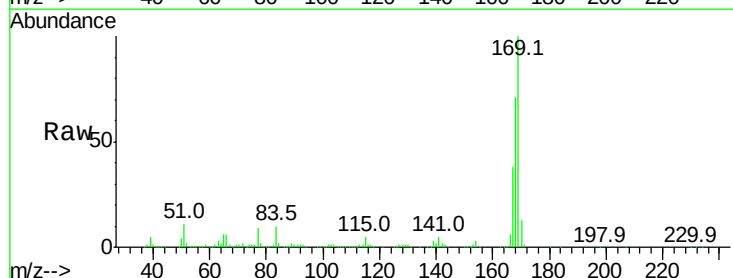
Tgt Ion:169 Resp: 653733

Ion Ratio Lower Upper

169 100

168 71.1 55.7 83.5

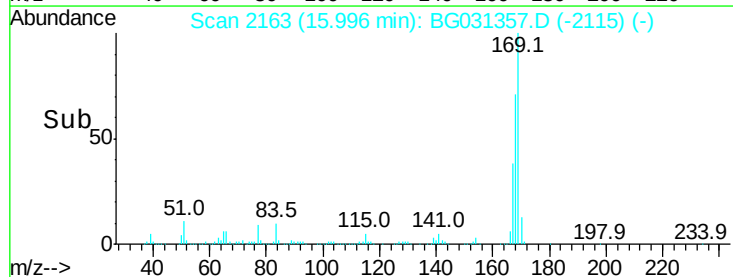
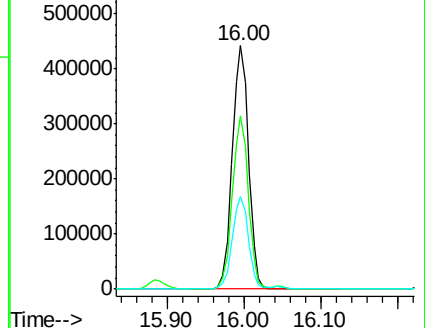
167 37.9 30.1 45.1

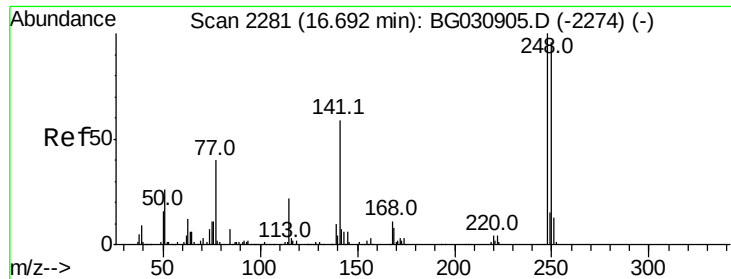


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

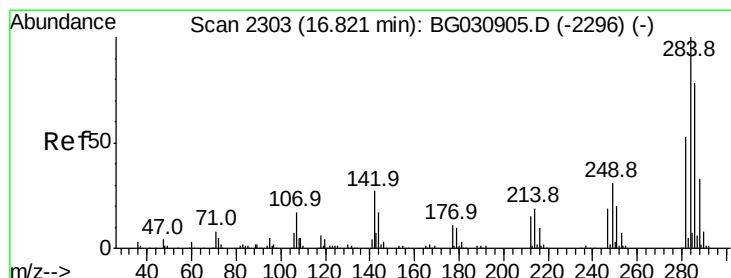
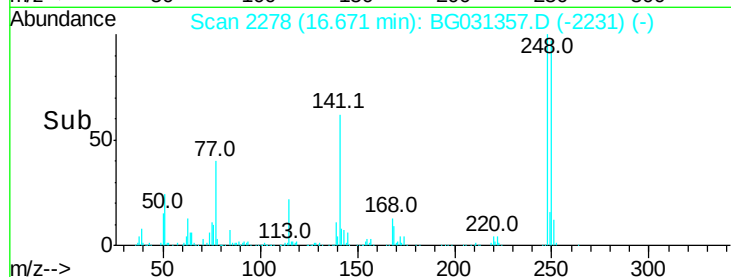
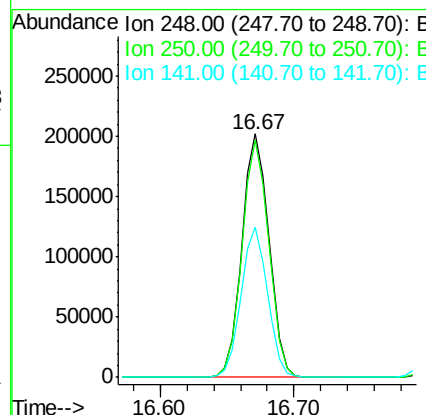
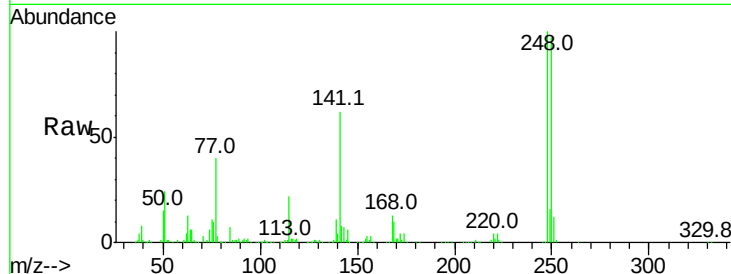




#66
4-Bromophenyl-phenylether
Concen: 45.805 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

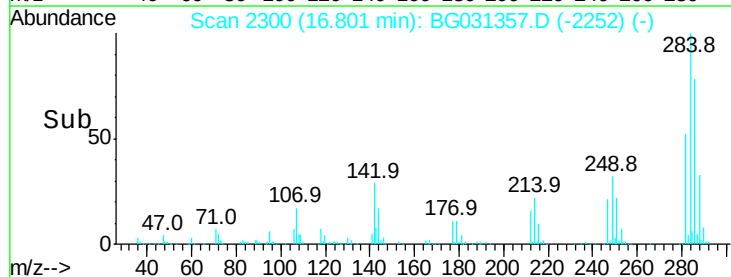
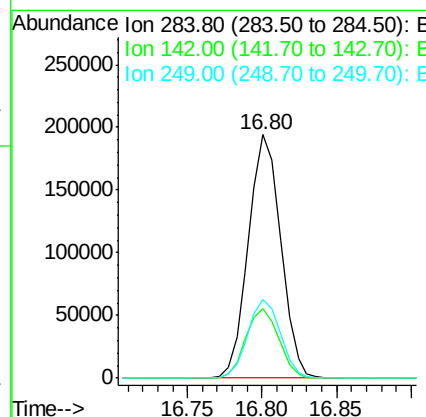
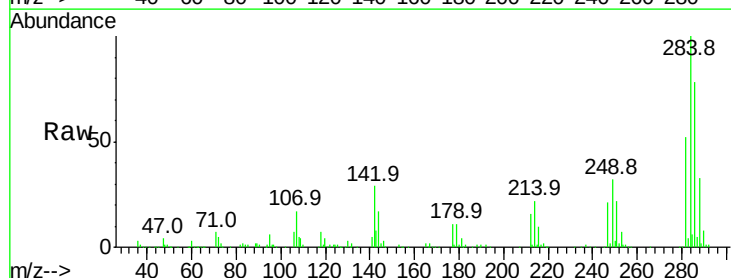
Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

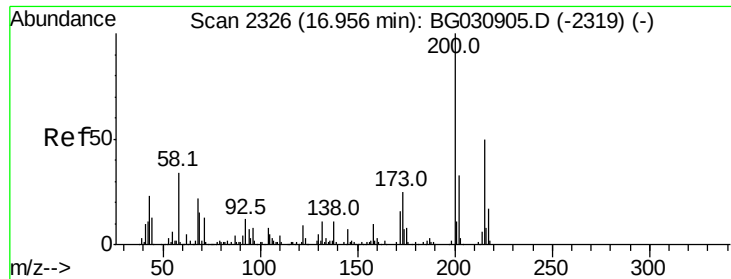
Tot Ion:248 Resp: 283032
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 61.9 50.8 76.2



#67
Hexachlorobenzene
Concen: 44.402 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion:284 Resp: 291519
Ion Ratio Lower Upper
284 100
142 28.8 26.8 40.2
249 32.1 26.3 39.5

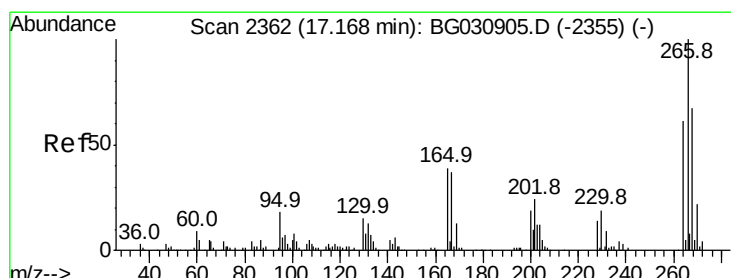
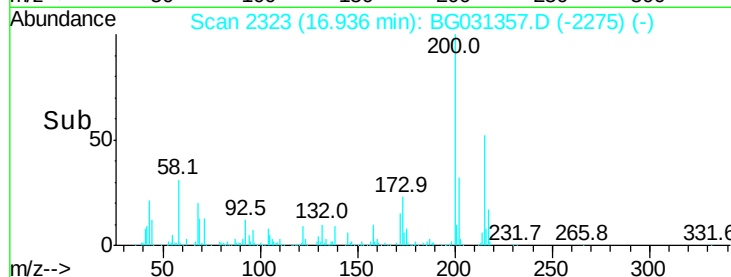
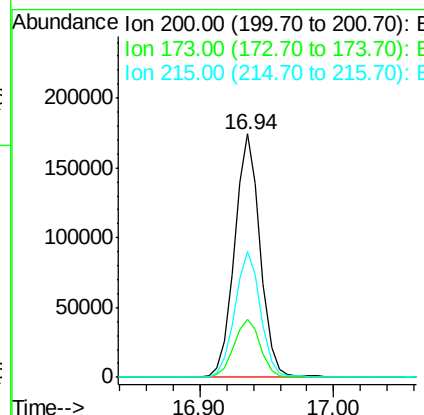
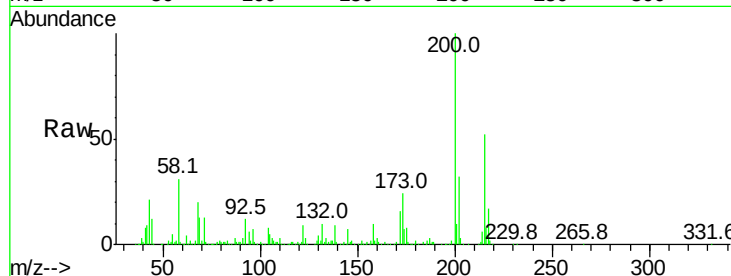




#68
Atrazine
Concen: 38.413 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

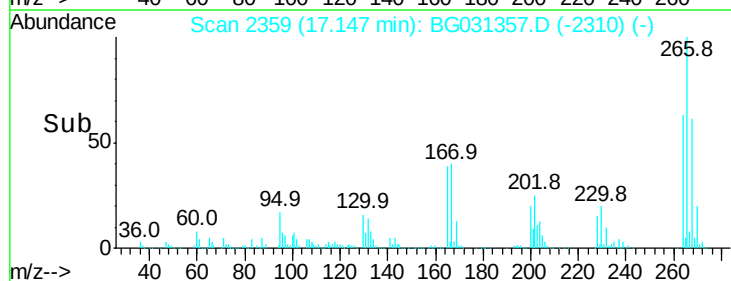
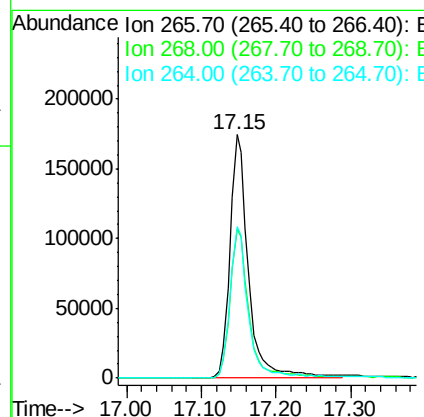
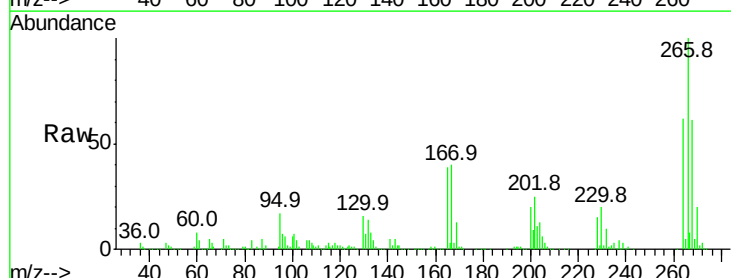
Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

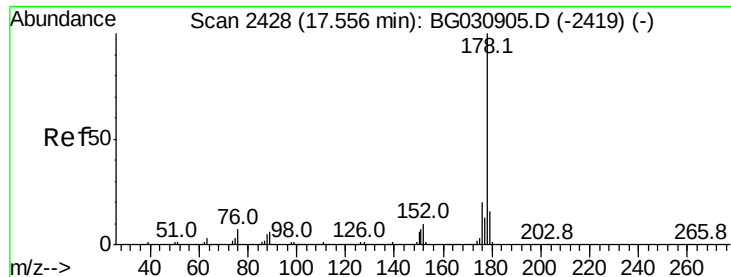
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.2	45.2
215	51.6	30.4	70.4



#69
Pentachlorophenol
Concen: 83.887 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.9	51.1	76.7
264	62.4	49.6	74.4





#70

Phenanthrene

Concen: 48.142 ng

RT: 17.53 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

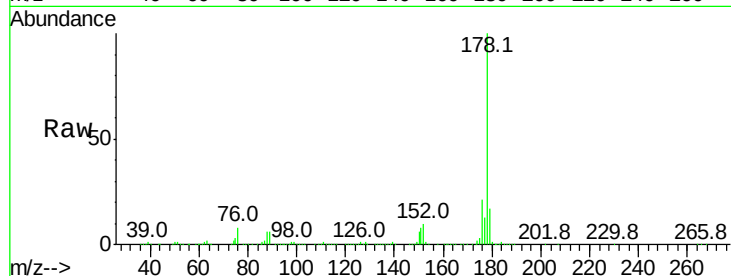
Tot Ion:178 Resp: 1222883

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

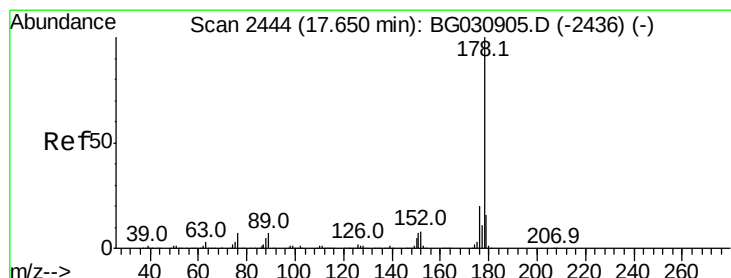
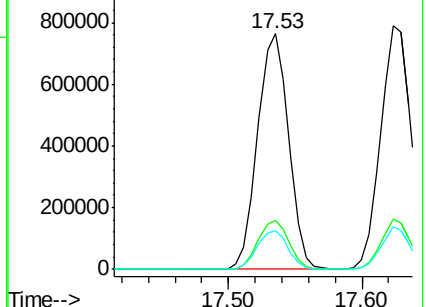
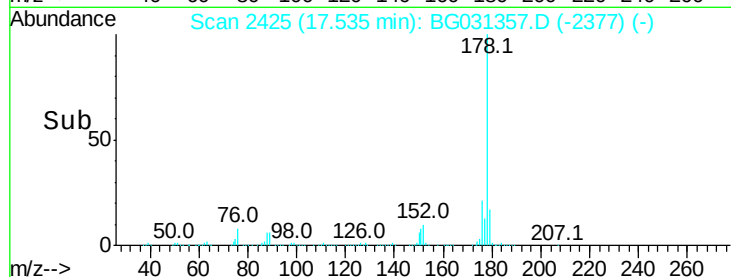
179 16.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 49.255 ng

RT: 17.62 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

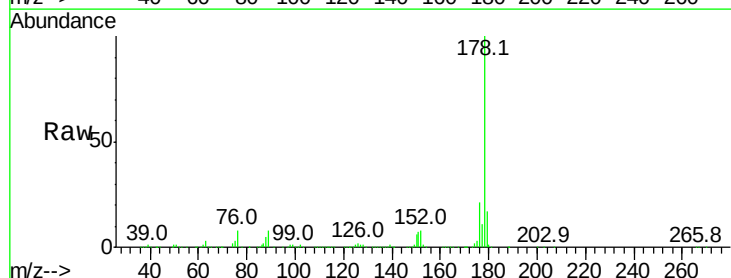
Tgt Ion:178 Resp: 1253671

Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

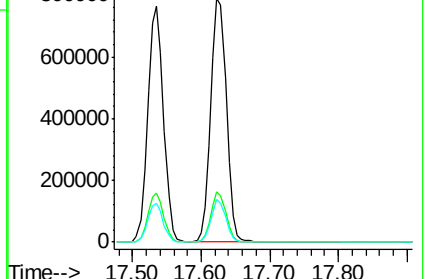
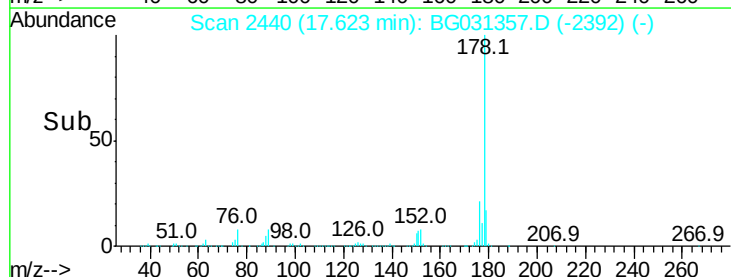
179 17.4 12.5 18.7

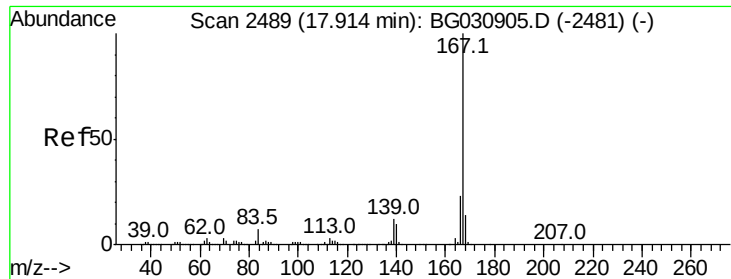


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 48.107 ng

RT: 17.89 min Scan# 2486

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

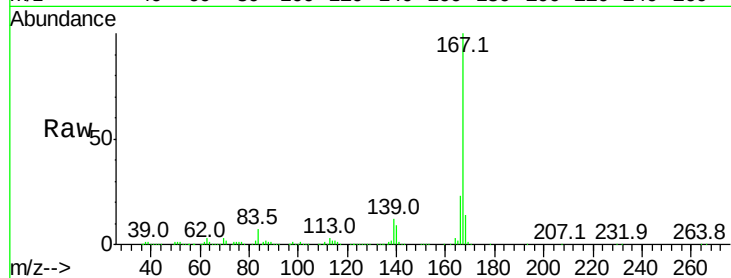
Tot Ion:167 Resp: 1147291

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

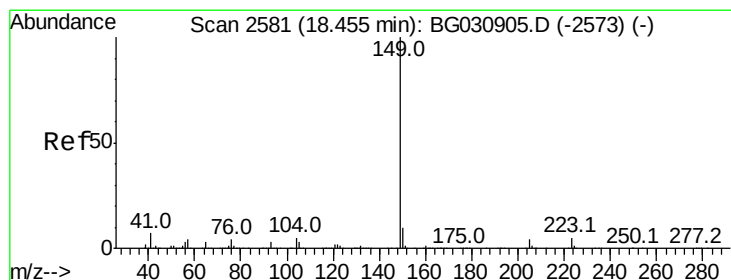
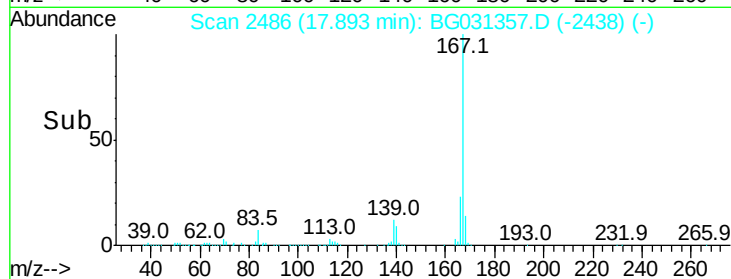
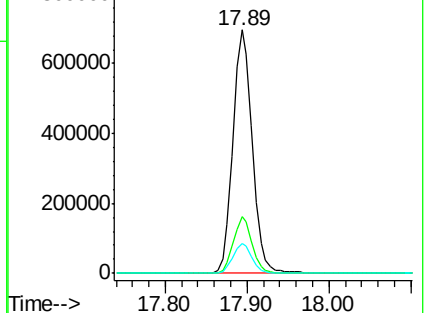
139 12.2 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 45.138 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

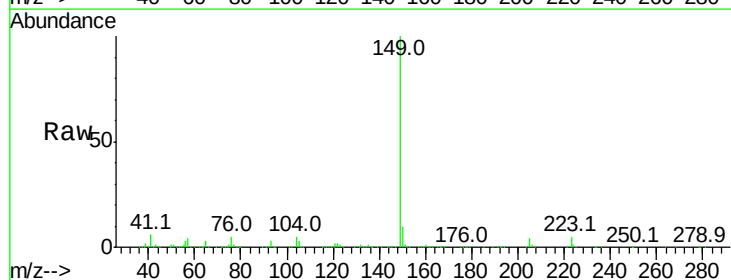
Tgt Ion:149 Resp: 1321757

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

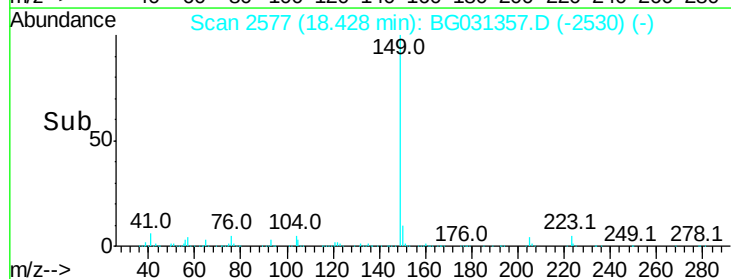
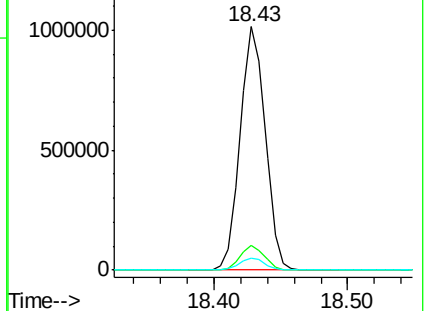
104 4.9 3.9 5.9

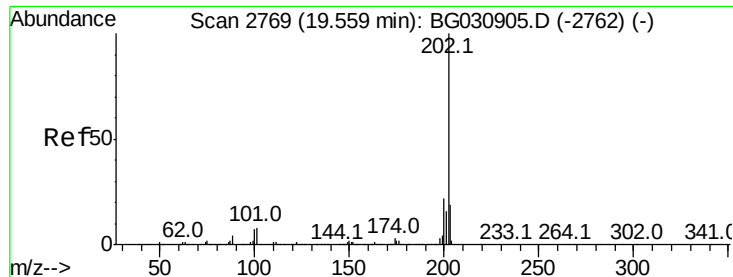


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

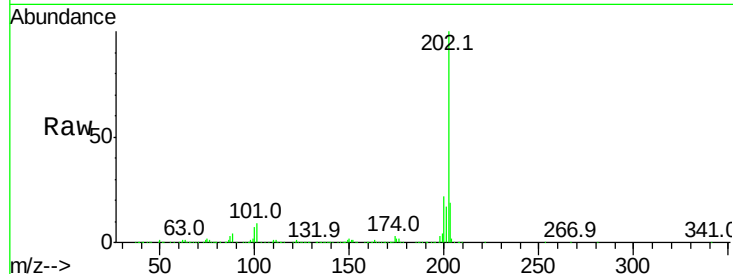




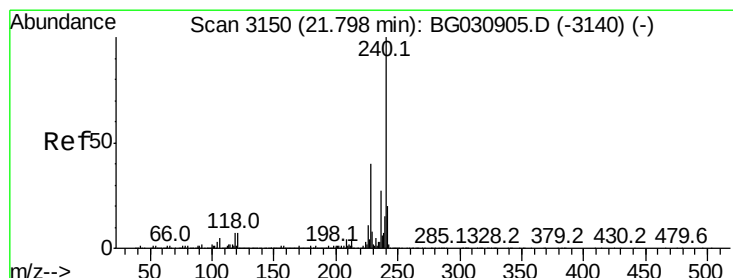
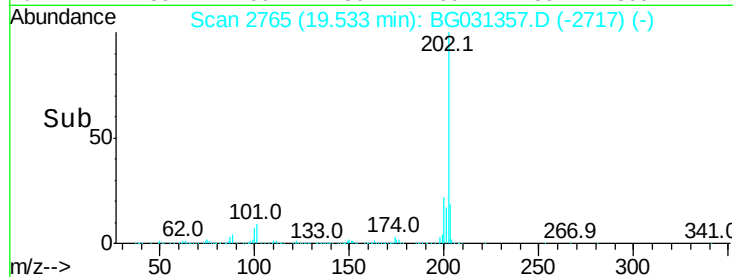
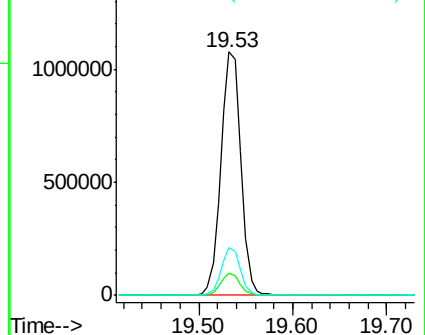
#74
Fluoranthene
Concen: 49.742 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Tot Ion:202 Resp: 1599806
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 19.5 0.0 37.5

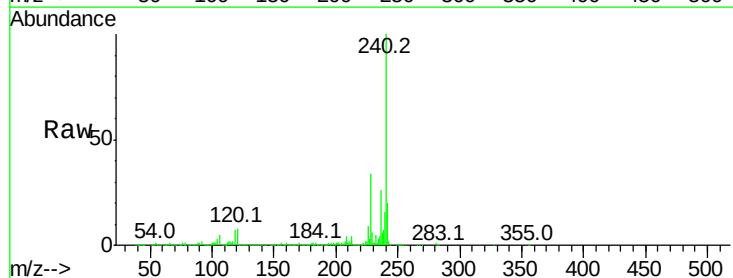


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

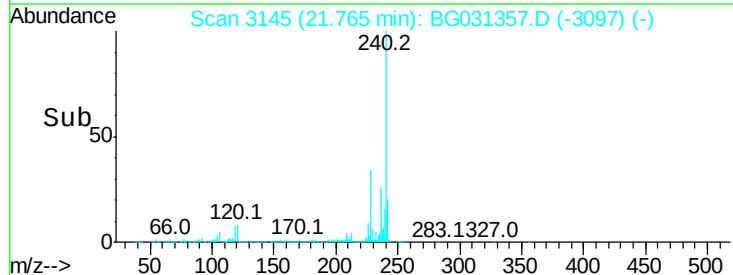
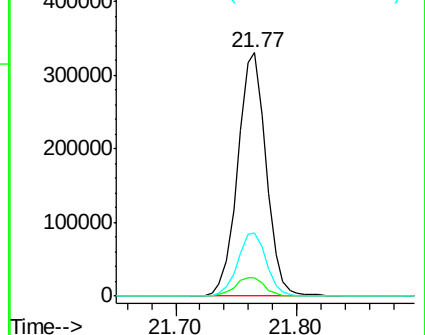


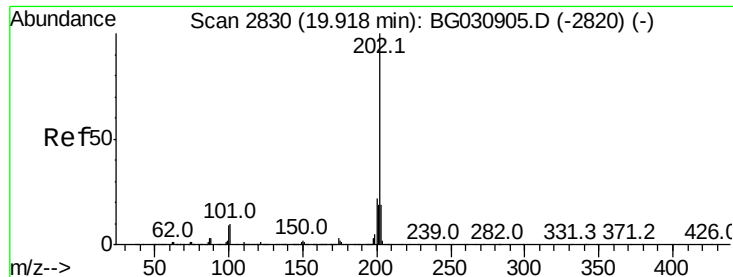
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion:240 Resp: 542956
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 25.9 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

Pvrene

Concen: 50.686 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

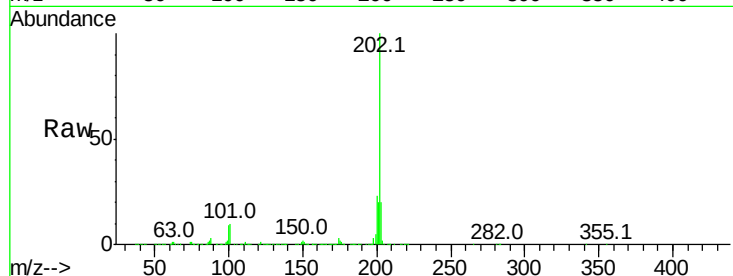
BNA_G

ClientSampleId :

SA-06-120117MSD

Tot Ion:202 Resp: 1633049

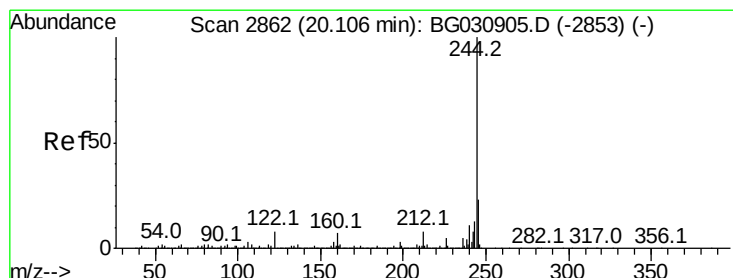
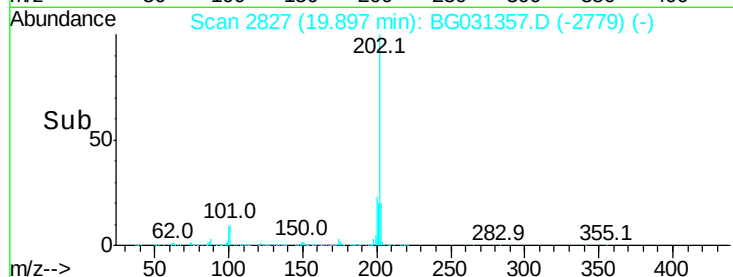
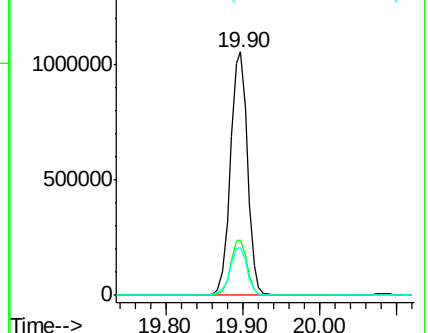
Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	19.7	13.9	20.9



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: 105.173 ng

RT: 20.08 min Scan# 2858

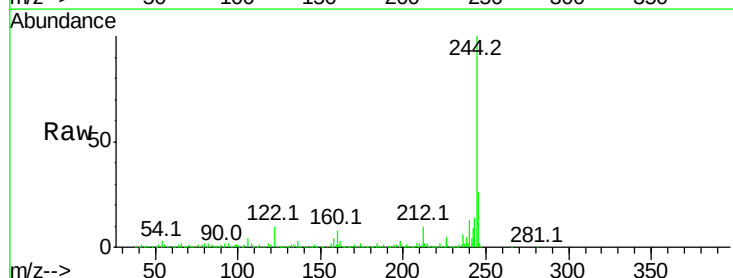
Delta R.T. -0.02 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:244 Resp: 2586135

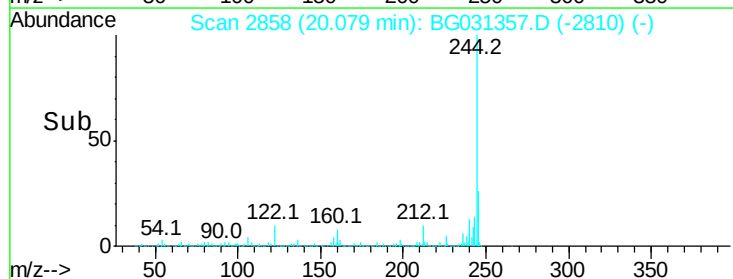
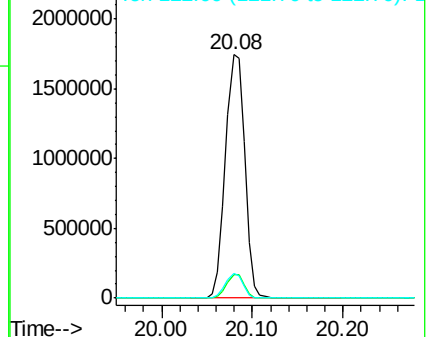
Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	10.0	7.0	10.4

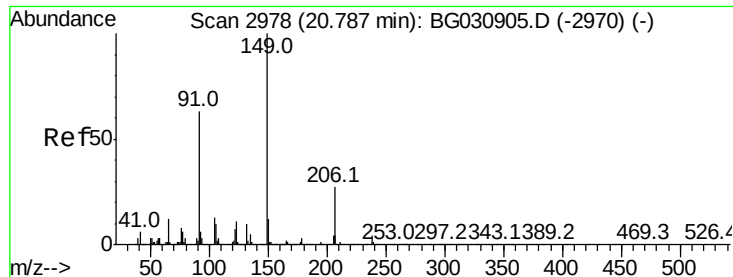


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

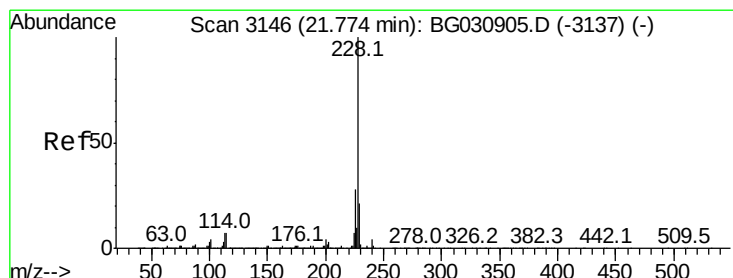
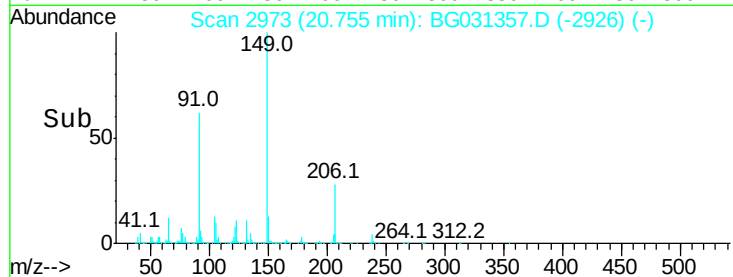
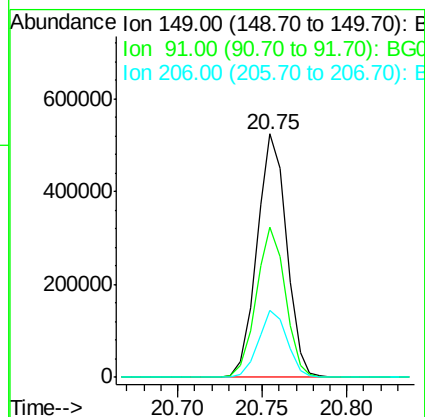
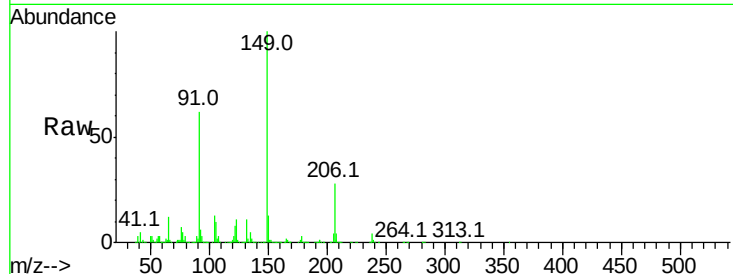




#79
Butylbenzylphthalate
Concen: 49.671 ng
RT: 20.75 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

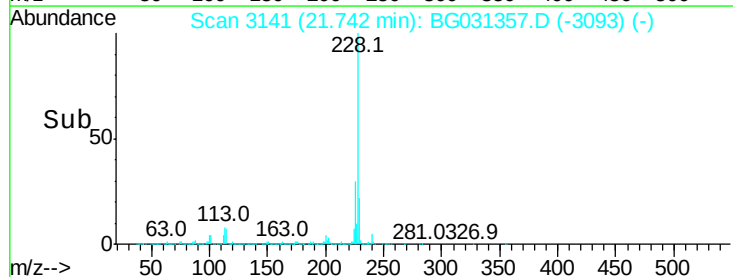
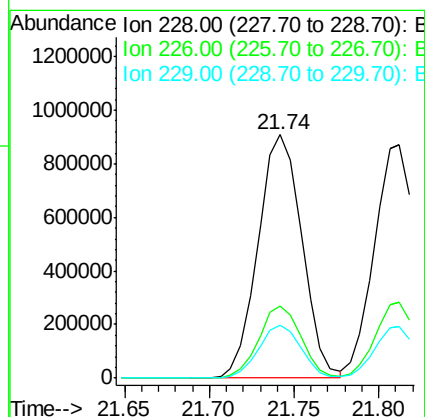
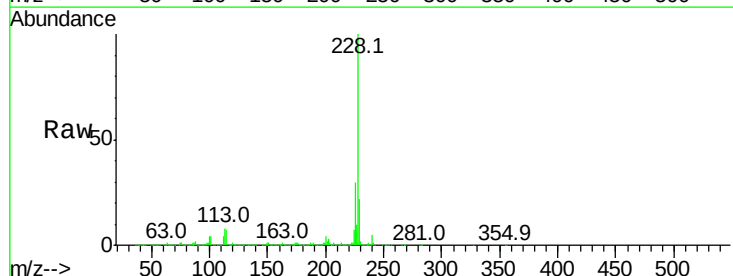
Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

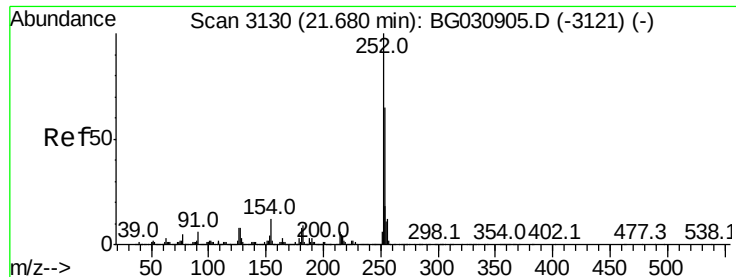
Tot Ion:149 Resp: 638079
Ion Ratio Lower Upper
149 100
91 61.8 62.2 93.2#
206 27.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 48.372 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG031357.D
Acq: 4 Dec 2017 21:46

Tgt Ion:228 Resp: 1631412
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 21.9 16.2 24.2

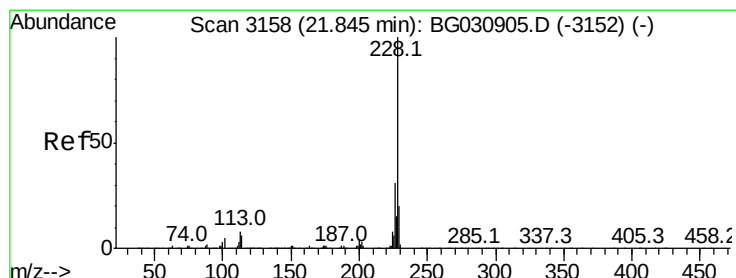
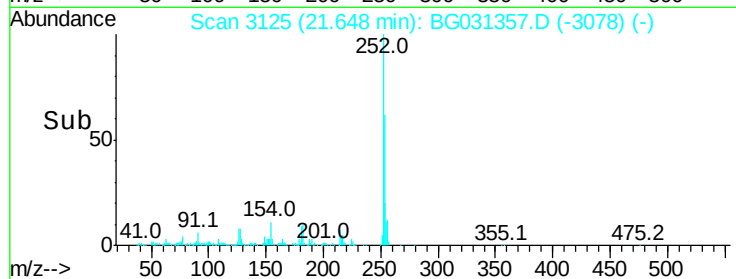
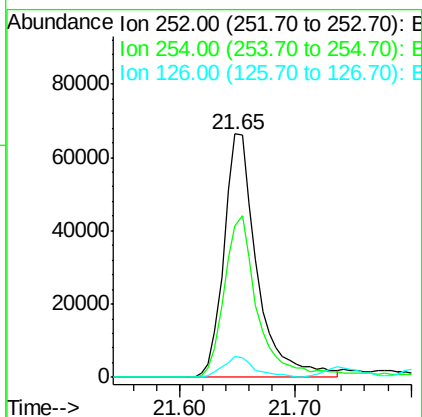
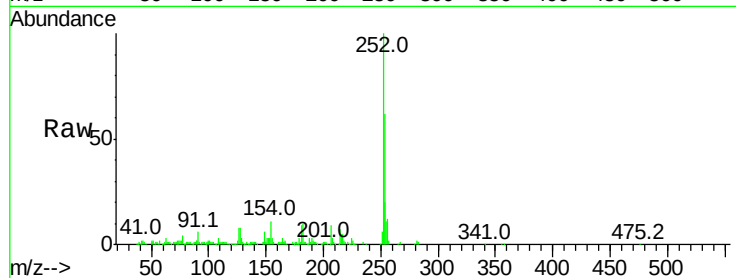




#81
 3,3'-Dichlorobenzidine
 Concen: 9.670 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

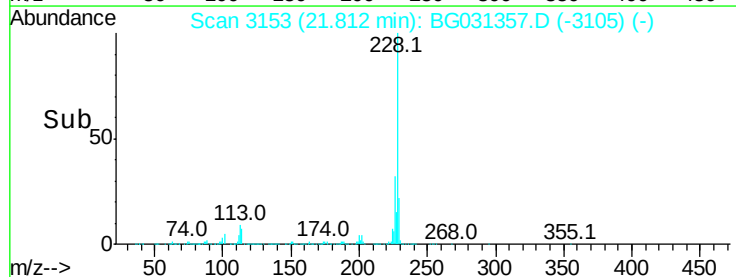
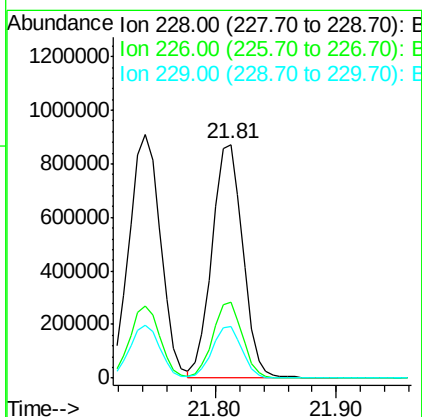
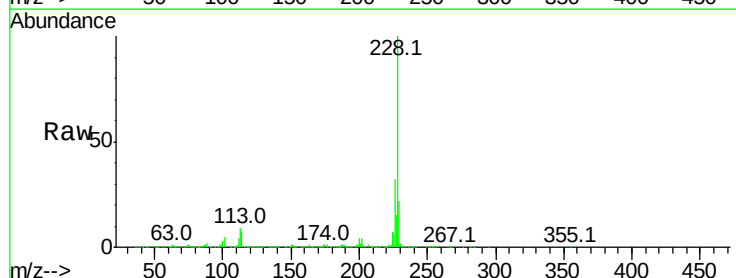
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MSD

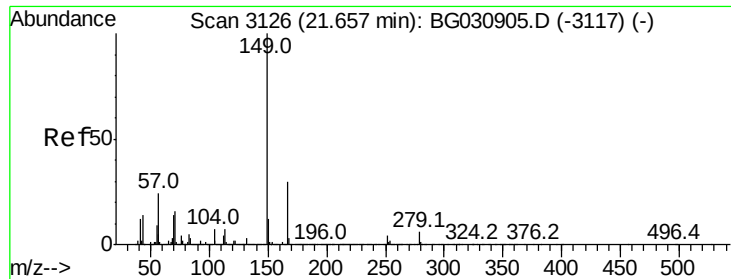
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	50.8	76.2
126	8.4	7.4	11.2



#82
 Chrysene
 Concen: 49.057 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031357.D
 Acq: 4 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	21.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.673 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.03 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

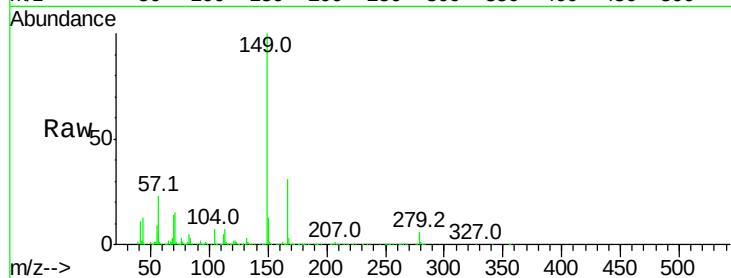
Tot Ion:149 Resp: 884014

Ion Ratio Lower Upper

149 100

167 31.2 24.3 36.5

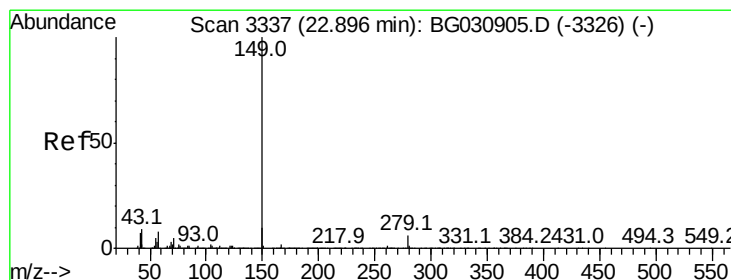
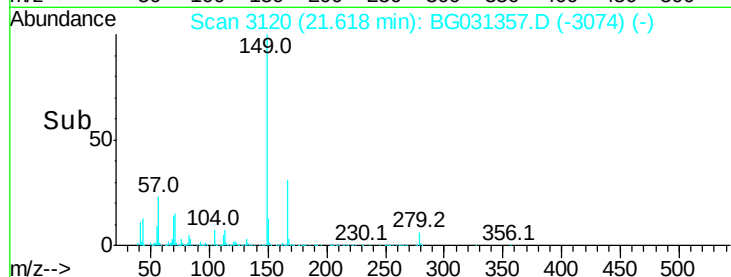
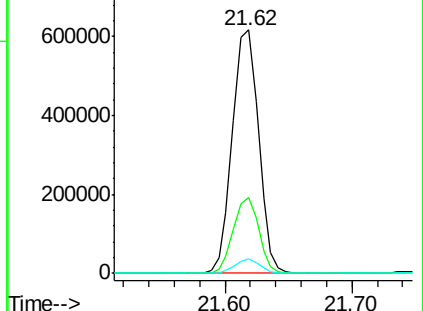
279 5.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.955 ng

RT: 22.84 min Scan# 3328

Delta R.T. -0.05 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

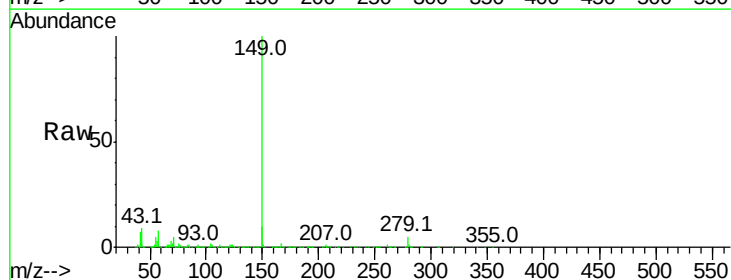
Tgt Ion:149 Resp: 1477532

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

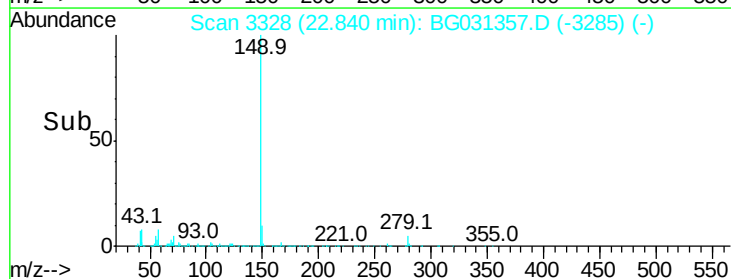
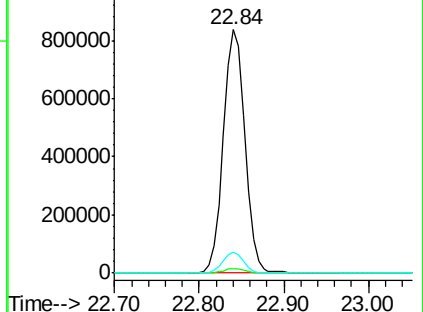
43 8.2 8.9 13.3#

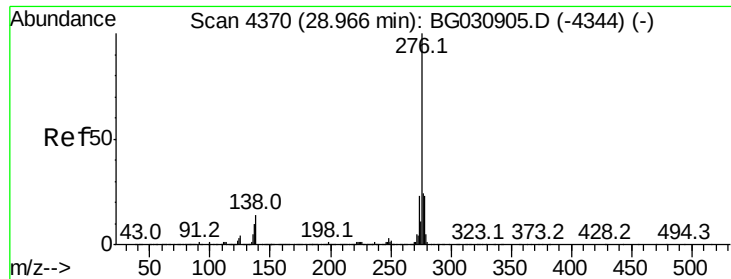


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.237 ng

RT: 28.85 min Scan# 4351

Delta R.T. -0.04 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

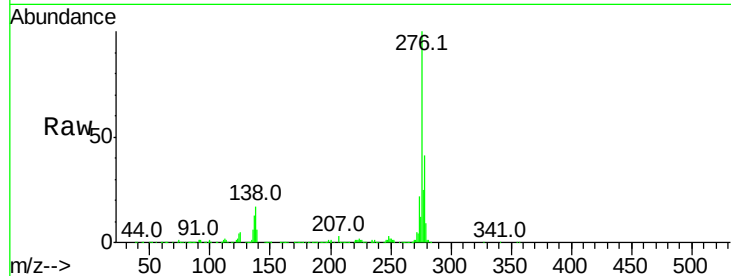
Tot Ion:276 Resp: 1791554

Ion Ratio Lower Upper

276 100

138 19.4 16.0 24.0

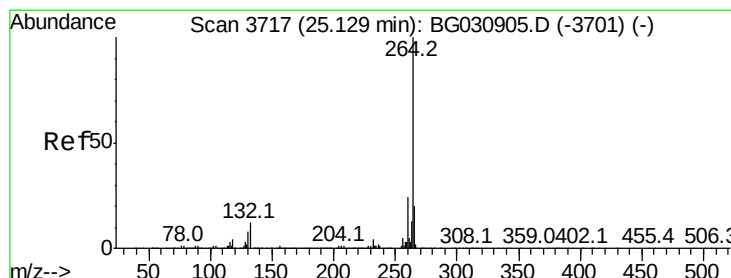
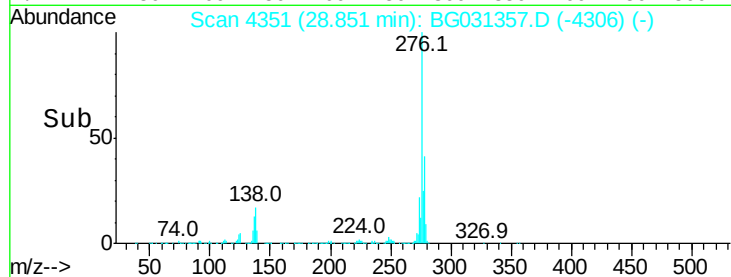
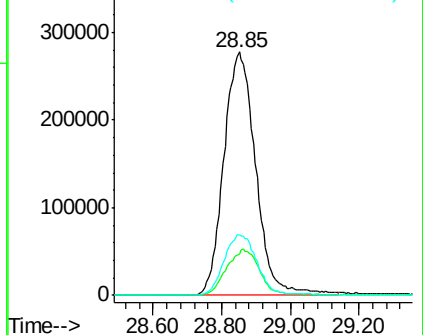
277 25.7 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.04 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

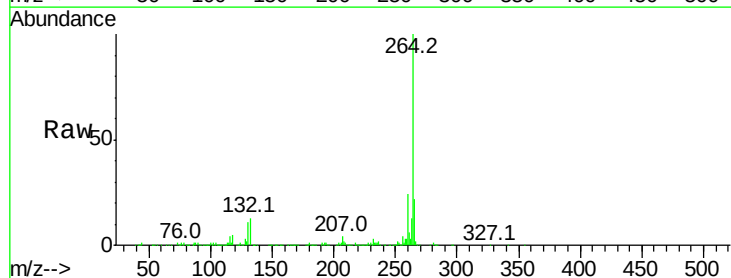
Tgt Ion:264 Resp: 541129

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

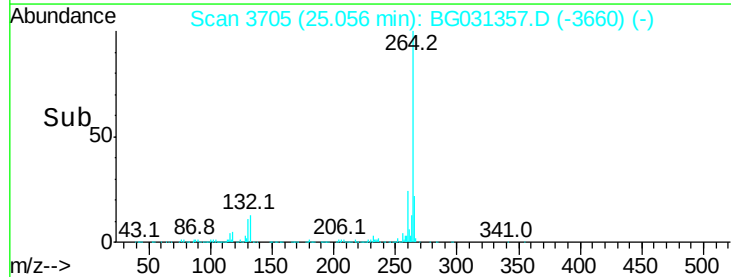
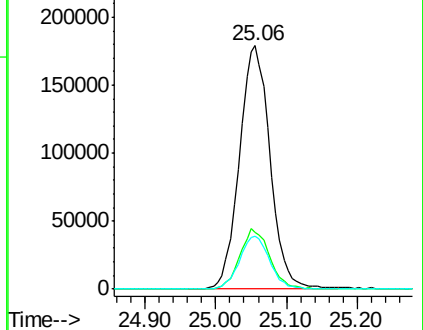
265 21.9 17.7 26.5

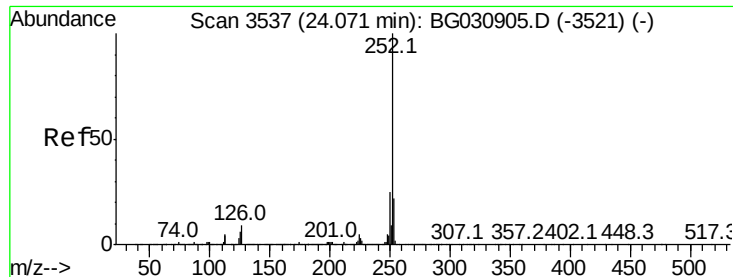


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.571 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

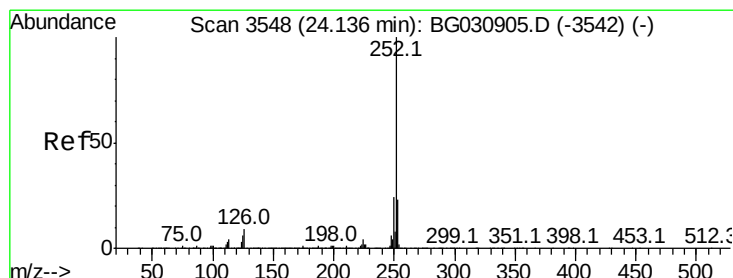
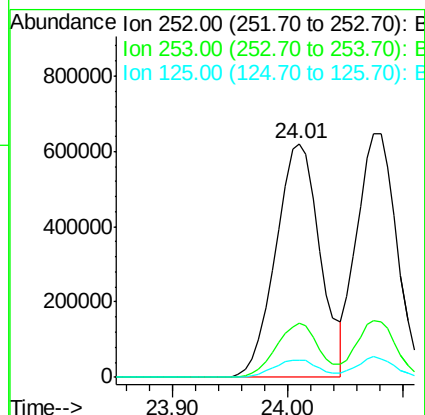
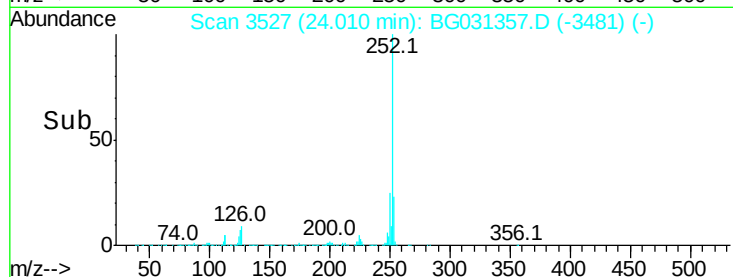
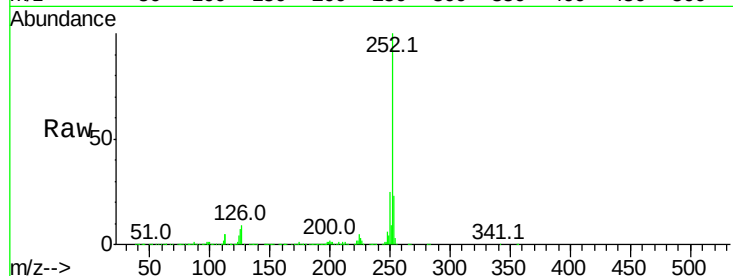
Tot Ion:252 Resp: 1655343

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

125 7.5 7.2 10.8



#88

Benzo(k)fluoranthene

Concen: 48.013 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

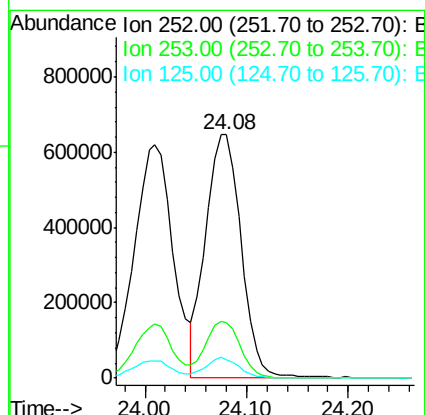
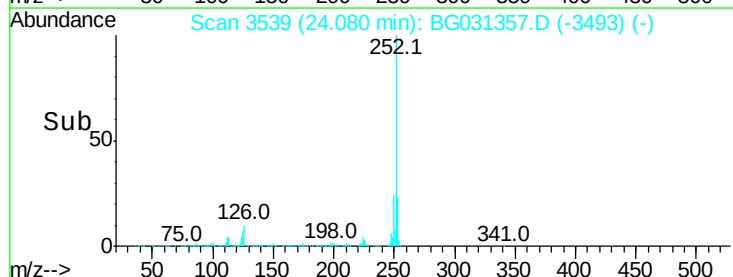
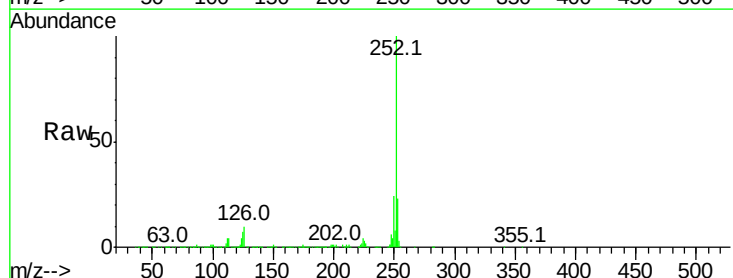
Tgt Ion:252 Resp: 1557764

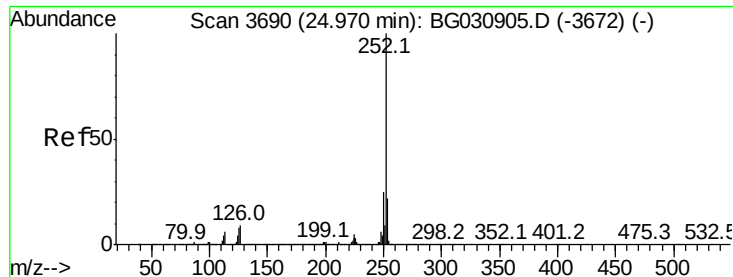
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 7.4 6.6 9.8





#89

Benzo(a)pyrene

Concen: 50.604 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

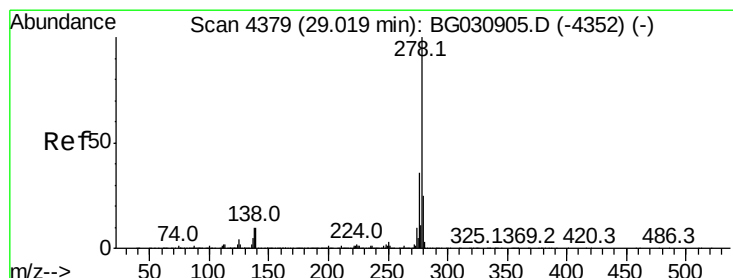
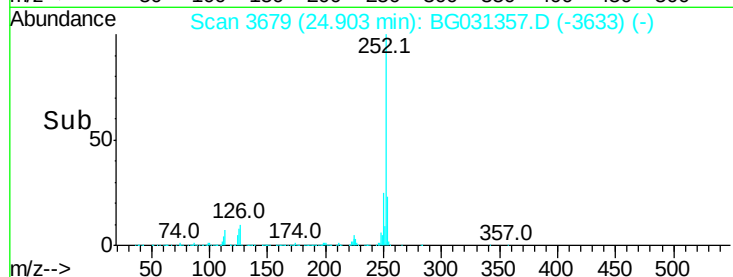
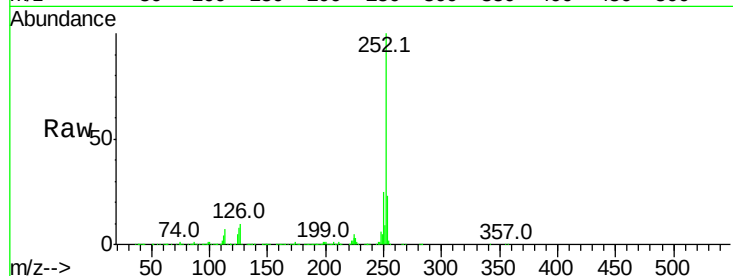
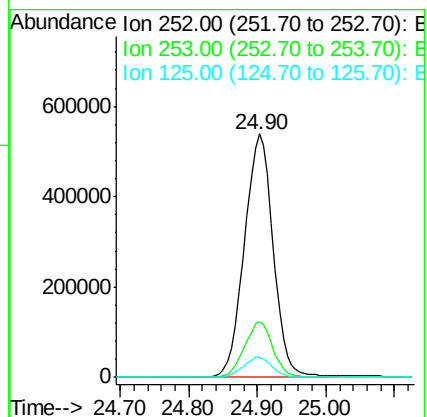
BNA_G

ClientSampleId :

SA-06-120117MSD

Tot Ion:252 Resp: 1573558

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.1	7.3	10.9



#90

Dibenzo(a,h)anthracene

Concen: 47.867 ng

RT: 28.90 min Scan# 4359

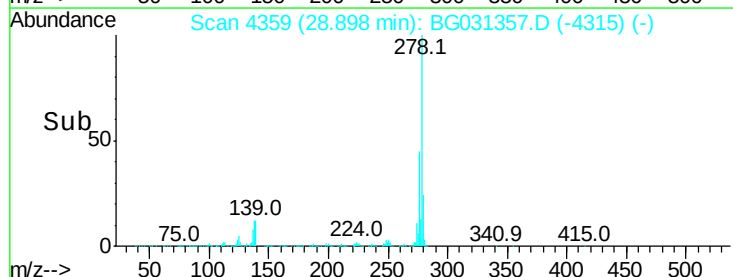
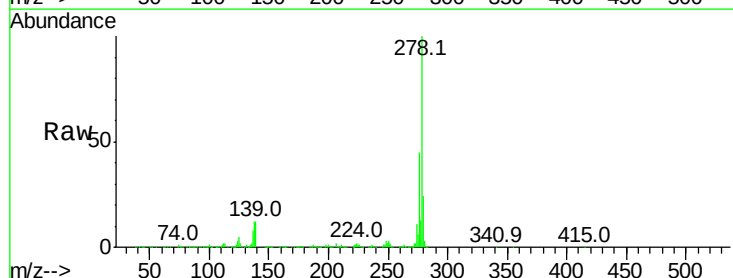
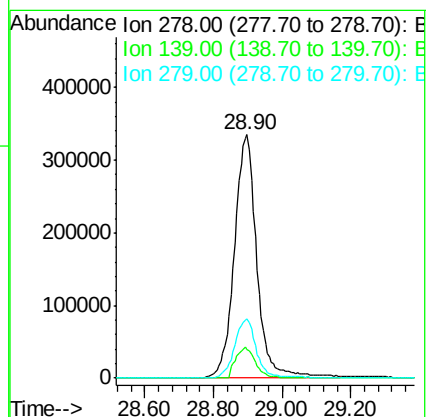
Delta R.T. -0.04 min

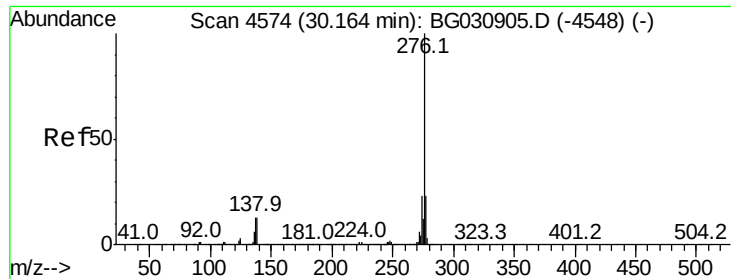
Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Tgt Ion:278 Resp: 1521379

Ion	Ratio	Lower	Upper
278	100		
139	11.6	9.8	14.6
279	24.2	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 45.017 ng

RT: 30.03 min Scan# 4552

Delta R.T. -0.04 min

Lab File: BG031357.D

Acq: 4 Dec 2017 21:46

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MSD

Tot Ion:276 Resp: 1388681

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	15.7	13.9	20.9

