

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032947.D
 Acq On : 2 Mar 2018 16:01
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 23:30:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	65977	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	304299	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	176304	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	380807	20.00	ng	0.00
75) Chrysene-d12	22.63	240	346122	20.00	ng	0.01
86) Perylene-d12	26.45	264	393719	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	333248	80.81	ng	0.00
7) Phenol-d6	8.02	99	461640	80.31	ng	0.00
23) Nitrobenzene-d5	10.13	82	413129	93.14	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	152000	81.99	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	911038	74.53	ng	0.00
78) Terphenyl-d14	20.79	244	1106420	71.82	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.98	88	69173	38.649	ng	93
3) Pyridine	4.43	79	198087	40.155	ng	96
4) n-Nitrosodimethylamine	4.34	42	88917	44.958	ng	# 85
6) Aniline	8.22	93	265842	34.166	ng	96
8) 2-Chlorophenol	8.47	128	179050	39.667	ng	94
9) Benzaldehyde	8.02	77	117635	35.508	ng	94
10) Phenol	8.05	94	233145	40.236	ng	93
11) bis(2-Chloroethyl)ether	8.30	93	177705	37.505	ng	96
12) 1,3-Dichlorobenzene	8.81	146	200197	37.866	ng	98
13) 1,4-Dichlorobenzene	8.96	146	200553	37.685	ng	96
14) 1,2-Dichlorobenzene	9.30	146	191140	37.481	ng	99
15) Benzyl Alcohol	9.16	79	168429	39.857	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.45	45	325147	39.918	ng	99
17) 2-Methylphenol	9.36	107	166390	38.941	ng	96
18) Hexachloroethane	10.06	117	71718	39.580	ng	# 87
19) n-Nitroso-di-n-propylamine	9.74	70	154498	38.072	ng	# 92
20) 3+4-Methylphenols	9.69	107	239169	40.256	ng	96
22) Acetophenone	9.77	105	292916	38.115	ng	# 96
24) Nitrobenzene	10.17	77	213965	44.611	ng	90
25) Isophorone	10.69	82	404364	37.859	ng	# 93
26) 2-Nitrophenol	10.90	139	103343	56.628	ng	94
27) 2,4-Dimethylphenol	10.92	122	180028	38.801	ng	88
28) bis(2-Chloroethoxy)methane	11.17	93	235095	37.784	ng	98
29) 2,4-Dichlorophenol	11.44	162	170657	40.526	ng	95
30) 1,2,4-Trichlorobenzene	11.67	180	185872	37.654	ng	98
31) Naphthalene	11.86	128	604125	37.993	ng	99
32) Benzoic acid	11.02	122	110990	41.179	ng	# 80
33) 4-Chloroaniline	11.95	127	242473	34.105	ng	95
34) Hexachlorobutadiene	12.13	225	101979	36.831	ng	97
35) Caprolactam	12.70	113	71482	42.393	ng	94
36) 4-Chloro-3-methylphenol	13.00	107	204453	41.721	ng	90
37) 2-Methylnaphthalene	13.41	142	440009	38.249	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	195691	37.391	ng	# 96
40) Hexachlorocyclopentadiene	13.74	237	103974	38.982	ng	92

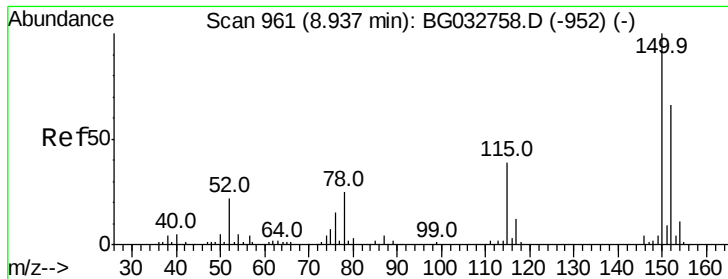
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032947.D
 Acq On : 2 Mar 2018 16:01
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	135920	41.181	ng	94
43) 2,4,5-Trichlorophenol	14.06	196	157355	41.193	ng	96
45) 1,1'-Biphenyl	14.38	154	575603	37.362	ng	96
46) 2-Chloronaphthalene	14.44	162	428446	37.229	ng	96
47) 2-Nitroaniline	14.62	65	148613	50.548	ng	89
48) Acenaphthylene	15.27	152	708700	37.613	ng	98
49) Dimethylphthalate	14.97	163	554679	37.053	ng	100
50) 2,6-Dinitrotoluene	15.09	165	120410	48.486	ng	91
51) Acenaphthene	15.61	154	437813	37.310	ng	98
52) 3-Nitroaniline	15.42	138	133735	44.316	ng	# 86
53) 2,4-Dinitrophenol	15.62	184	26155	41.755	ng	# 1
54) Dibenzofuran	15.93	168	613938	36.744	ng	94
55) 4-Nitrophenol	15.69	139	84828	38.622	ng	84
56) 2,4-Dinitrotoluene	15.87	165	165215	54.931	ng	# 87
57) Fluorene	16.57	166	515660	37.392	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.06	232	124030	41.820	ng	94
59) Diethylphthalate	16.30	149	582884	36.916	ng	98
60) 4-Chlorophenyl-phenylether	16.55	204	249309	36.956	ng	91
61) 4-Nitroaniline	16.58	138	132505	41.672	ng	82
62) Azobenzene	16.84	77	523621	37.070	ng	96
64) 4,6-Dinitro-2-methylphenol	16.62	198	58017	51.031	ng	95
65) n-Nitrosodiphenylamine	16.76	169	464612	37.504	ng	99
66) 4-Bromophenyl-phenylether	17.44	248	141420	35.121	ng	# 86
67) Hexachlorobenzene	17.57	284	156666	36.004	ng	# 93
68) Atrazine	17.67	200	147046	36.061	ng	95
69) Pentachlorophenol	17.90	266	103354	37.708	ng	98
70) Phenanthrene	18.31	178	788247	37.102	ng	98
71) Anthracene	18.40	178	793136	37.186	ng	99
72) Carbazole	18.66	167	768948	36.576	ng	98
73) Di-n-butylphthalate	19.15	149	973299	37.737	ng	99
74) Fluoranthene	20.26	202	873508	37.221	ng	95
76) Benzidine	20.41	184	49163	4.167	ng	# 94
77) Pyrene	20.62	202	898458	36.809	ng	97
79) Butylbenzylphthalate	21.48	149	451670	41.736	ng	92
80) Benzo(a)anthracene	22.61	228	836223	37.676	ng	100
81) 3,3'-Dichlorobenzidine	22.49	252	300073	36.504	ng	# 98
82) Chrysene	22.69	228	801905	37.822	ng	98
83) Bis(2-ethylhexyl)phthalate	22.44	149	652754	40.748	ng	# 97
84) Di-n-octyl phthalate	23.86	149	1033764	42.338	ng	100
85) Indeno(1,2,3-cd)pyrene	30.89	276	902729	36.509	ng	98
87) Benzo(b)fluoranthene	25.22	252	819468	35.201	ng	# 97
88) Benzo(k)fluoranthene	25.31	252	824256	35.627	ng	# 95
89) Benzo(a)pyrene	26.27	252	794889	35.900	ng	# 97
90) Dibenzo(a,h)anthracene	30.97	278	738753	33.147	ng	# 93
91) Benzo(g,h,i)perylene	32.29	276	728402	33.154	ng	# 92

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

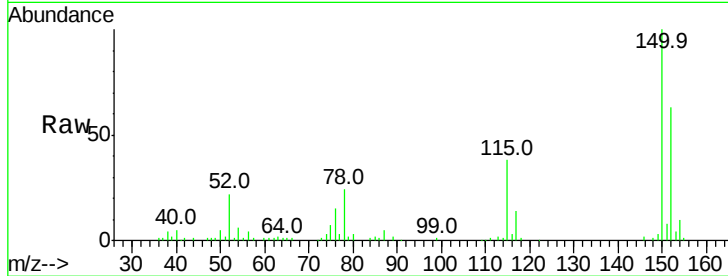


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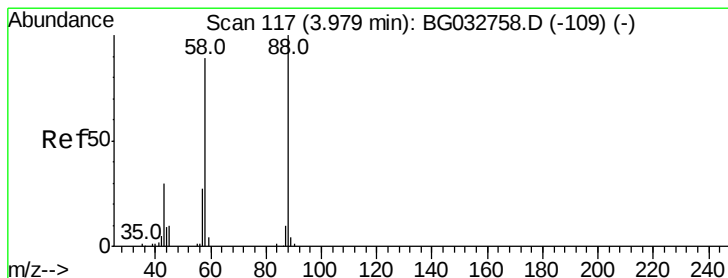
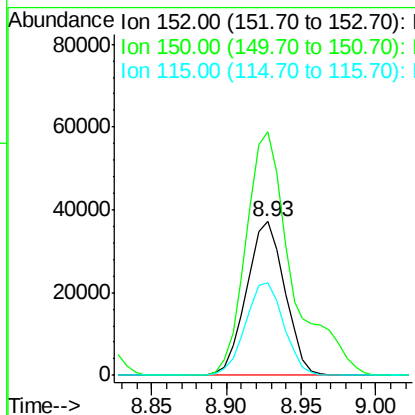
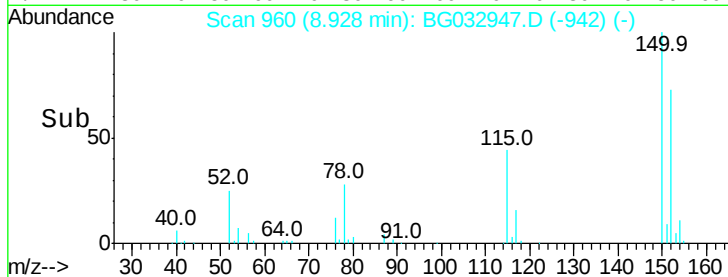
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65977
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 60.6 53.0 79.4



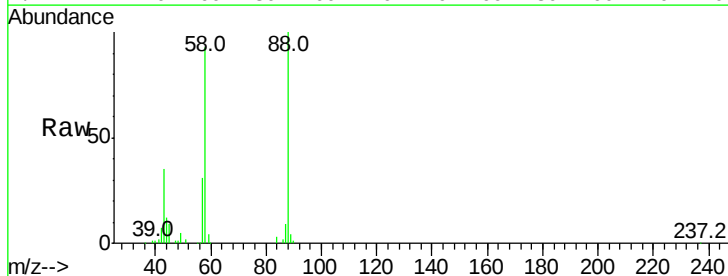
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



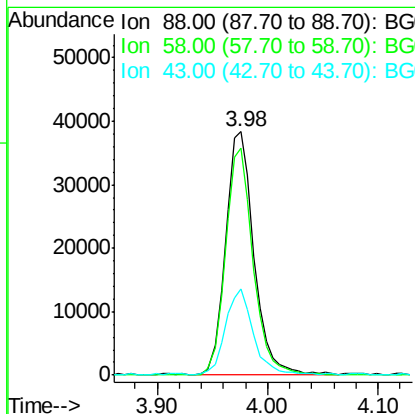
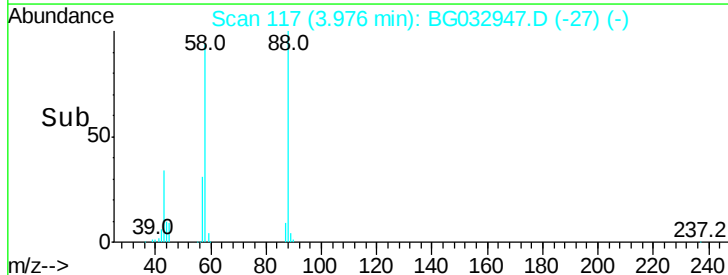
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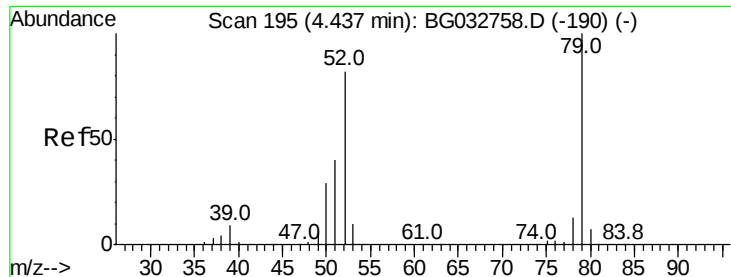
1,4-Dioxane
Concen: 38.649 ng
RT: 3.98 min Scan# 117
Delta R.T. 0.00 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion: 88 Resp: 69173
Ion Ratio Lower Upper
88 100
58 90.7 79.6 119.4
43 34.8 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: 40.155 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.00 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampled :

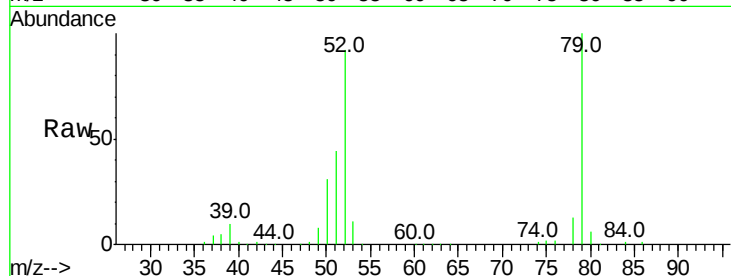
Tot Ion: 79 Resp: 198087

Ion Ratio Lower Upper

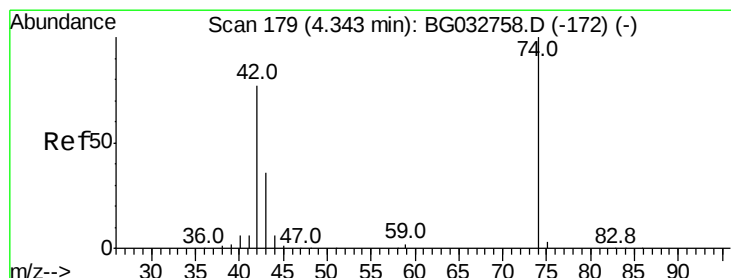
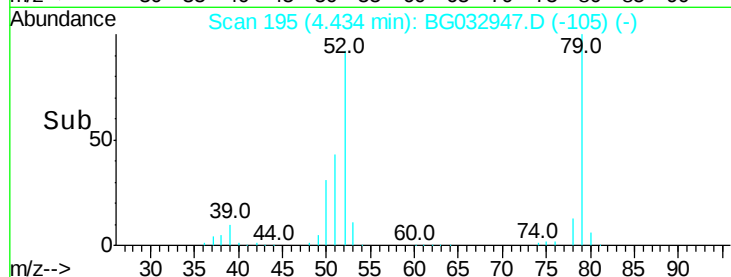
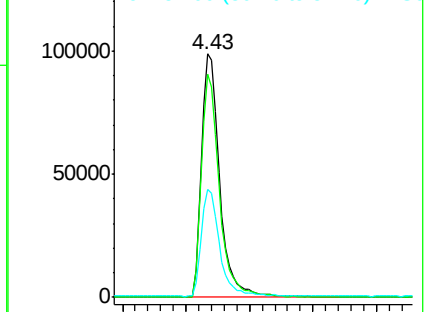
79 100

52 91.7 69.9 104.9

51 44.3 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.958 ng

RT: 4.34 min Scan# 179

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

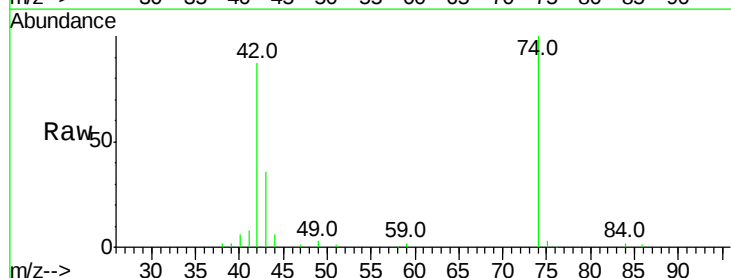
Tgt Ion: 42 Resp: 88917

Ion Ratio Lower Upper

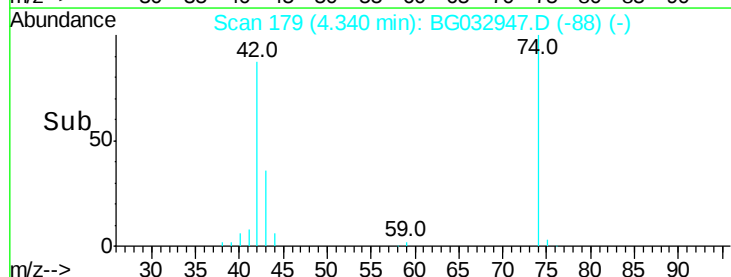
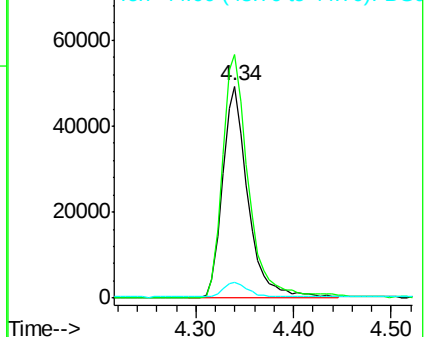
42 100

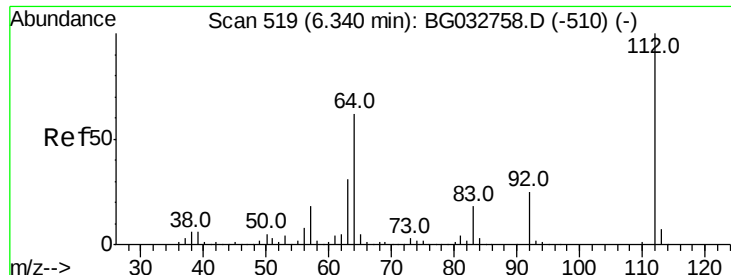
74 115.0 102.5 153.7

44 7.4 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 80.808 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampled :

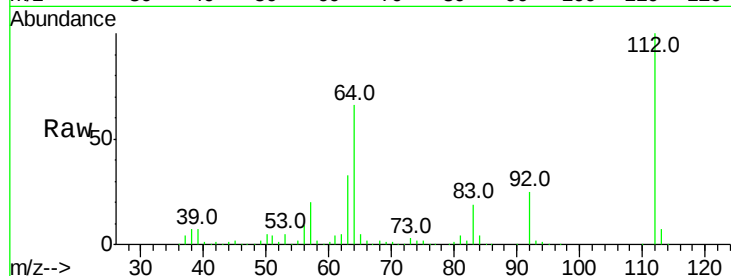
Tot Ion:112 Resp: 333248

Ion Ratio Lower Upper

112 100

64 66.1 56.3 84.5

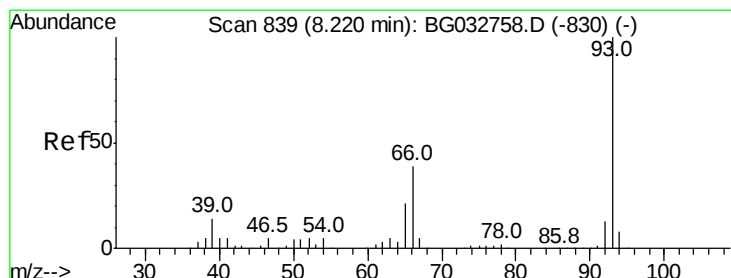
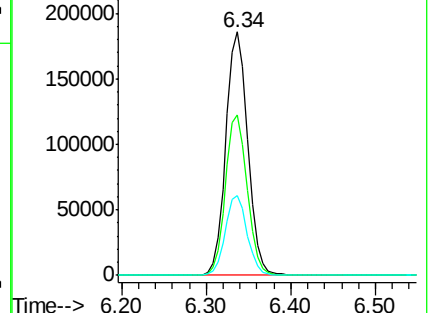
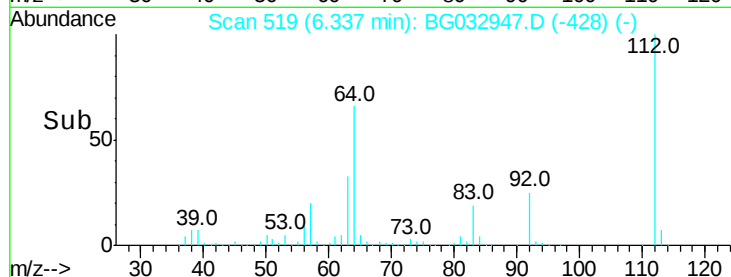
63 32.7 30.1 45.1



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: 34.166 ng

RT: 8.22 min Scan# 839

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

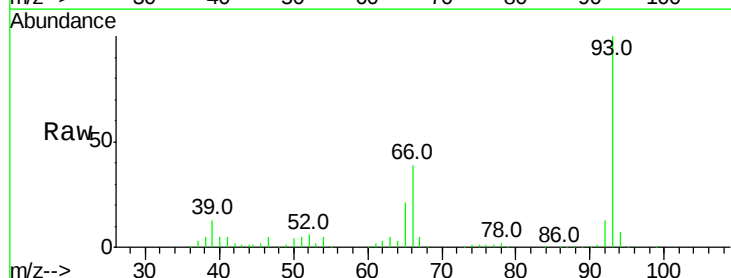
Tgt Ion: 93 Resp: 265842

Ion Ratio Lower Upper

93 100

66 39.1 33.7 50.5

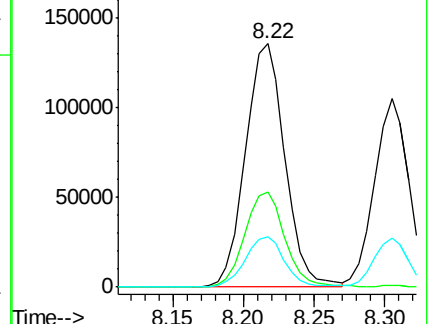
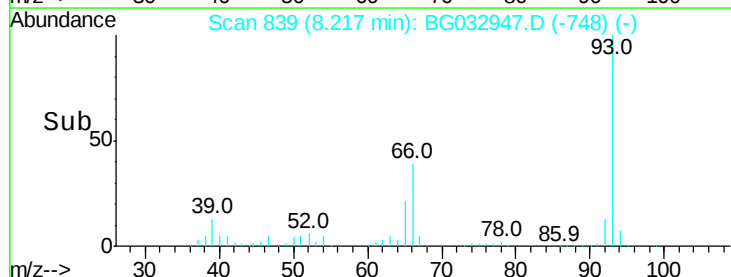
65 20.6 16.1 24.1

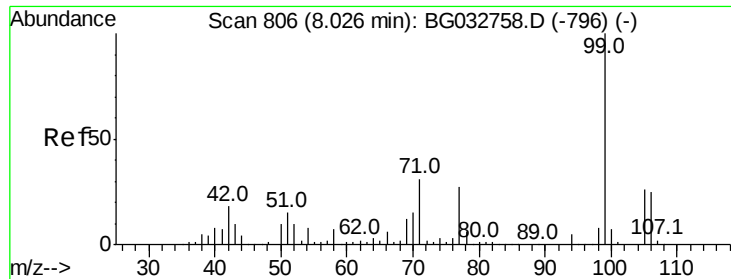


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.310 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

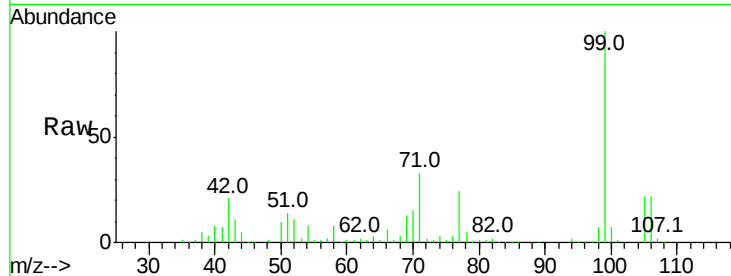
Tot Ion: 99 Resp: 461640

Ion Ratio Lower Upper

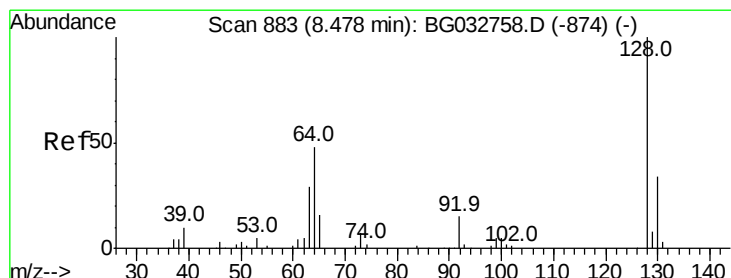
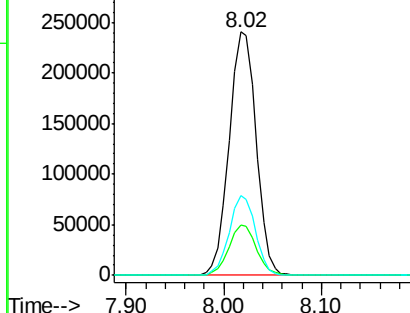
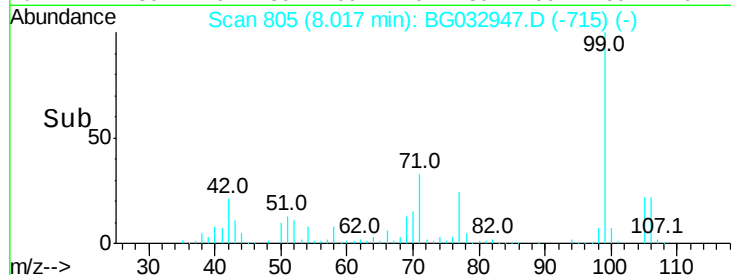
99 100

42 20.6 14.1 21.1

71 32.6 26.1 39.1



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



#8

2-Chlorophenol

Concen: 39.667 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

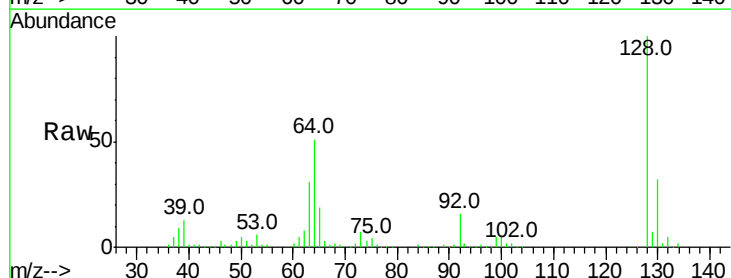
Tgt Ion:128 Resp: 179050

Ion Ratio Lower Upper

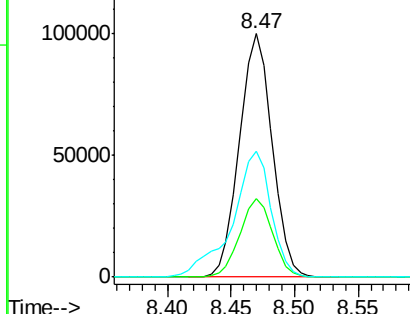
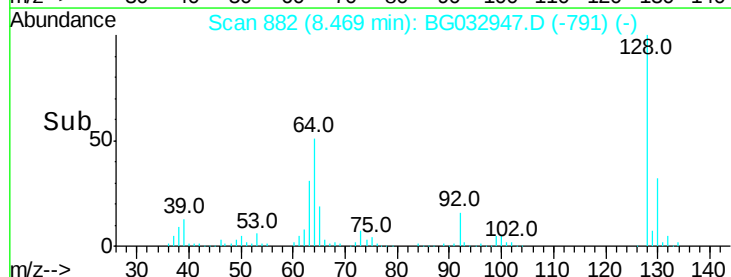
128 100

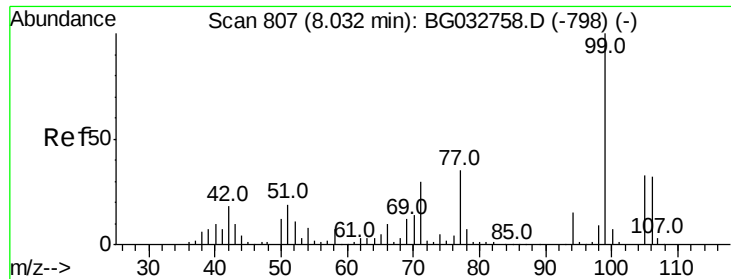
130 32.3 14.0 54.0

64 51.5 37.7 77.7



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





#9

Benzaldehyde

Concen: 35.508 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

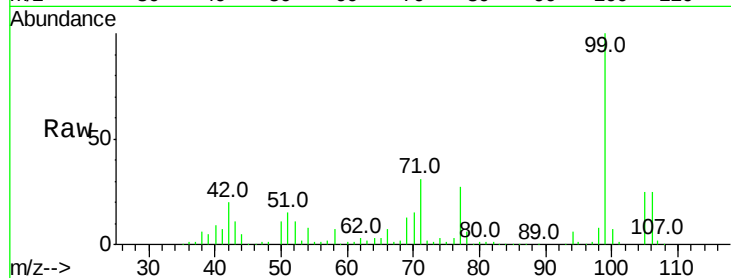
Tot Ion: 77 Resp: 117635

Ion Ratio Lower Upper

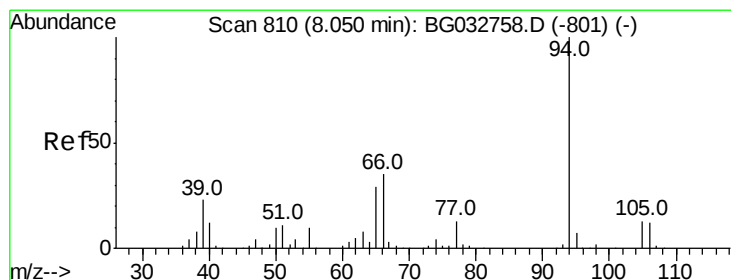
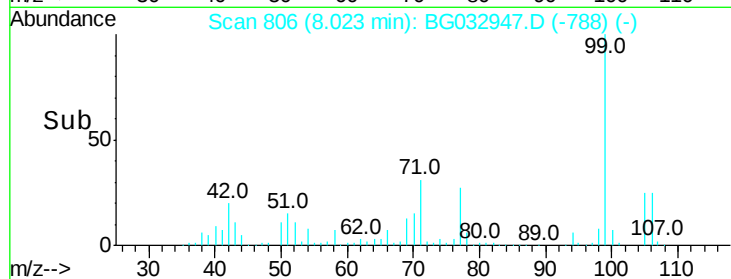
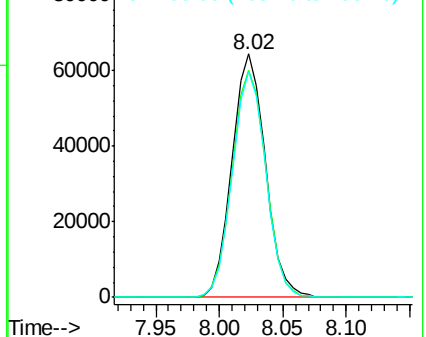
77 100

105 93.2 71.3 111.3

106 92.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.236 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

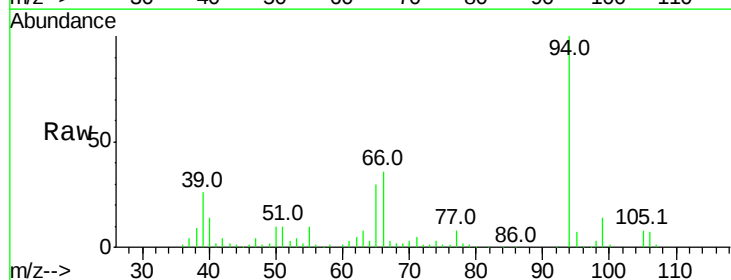
Tgt Ion: 94 Resp: 233145

Ion Ratio Lower Upper

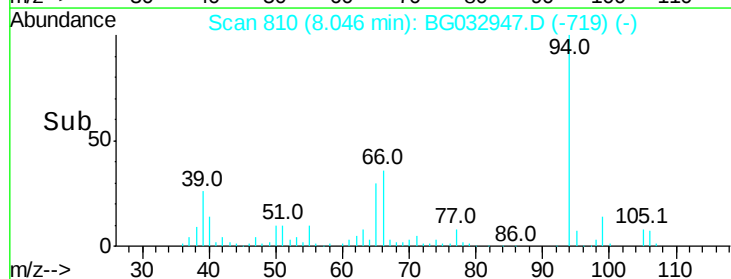
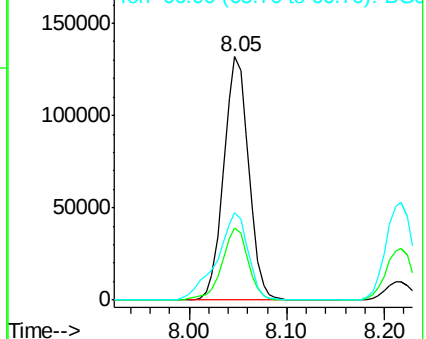
94 100

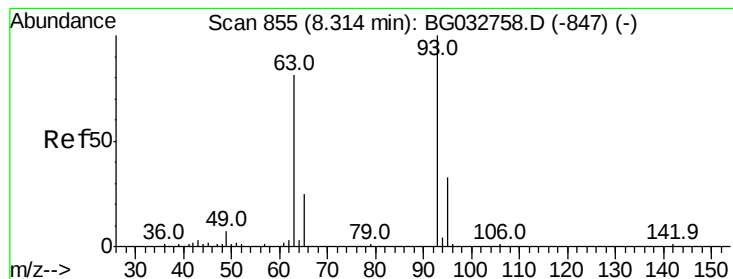
65 29.6 11.9 51.9

66 36.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.505 ng

RT: 8.30 min Scan# 854

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

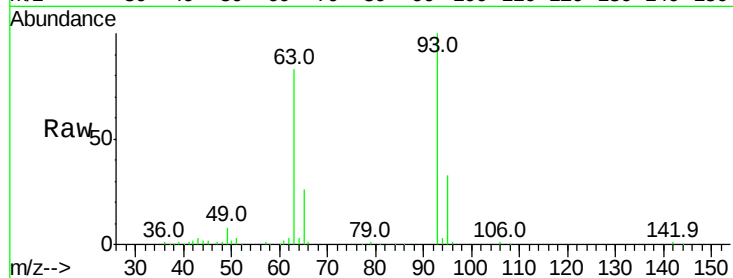
Tot Ion: 93 Resp: 177705

Ion Ratio Lower Upper

93 100

63 83.0 67.1 107.1

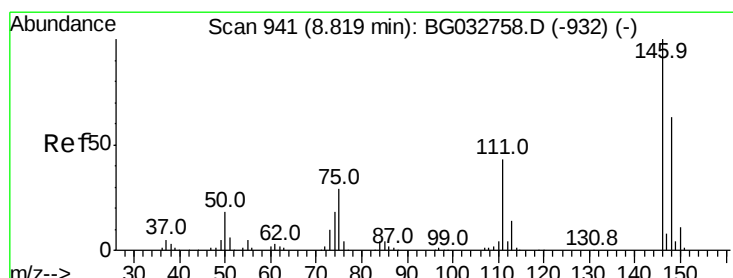
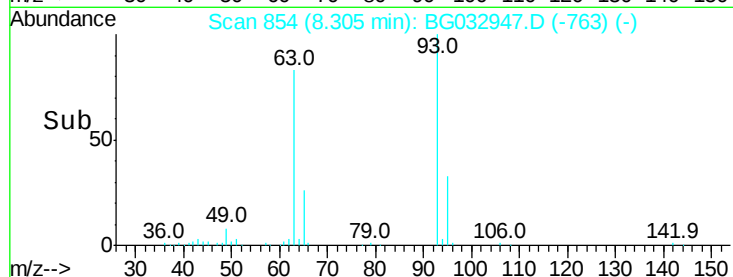
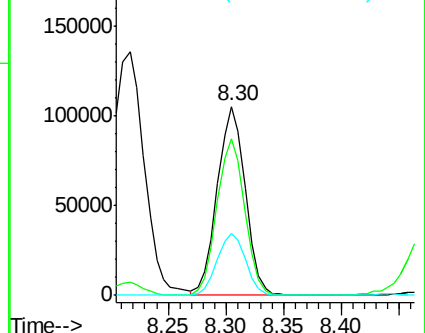
95 32.6 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 37.866 ng

RT: 8.81 min Scan# 940

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

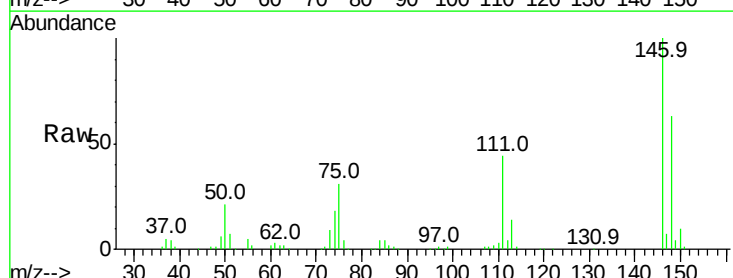
Tgt Ion: 146 Resp: 200197

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

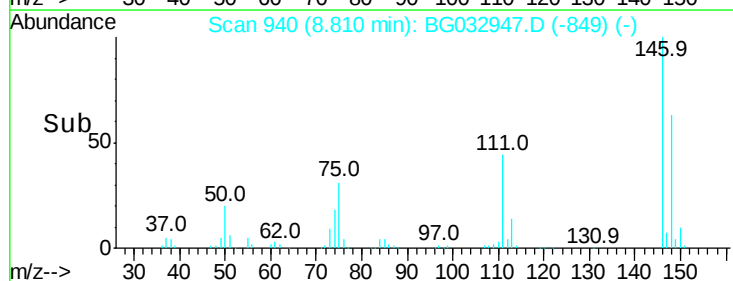
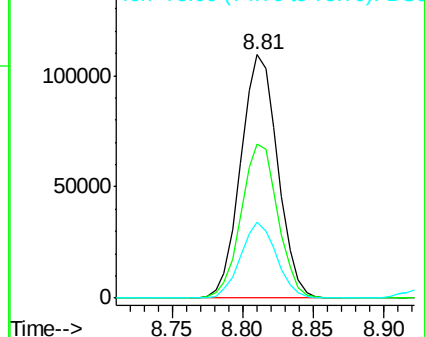
75 31.4 26.6 39.8

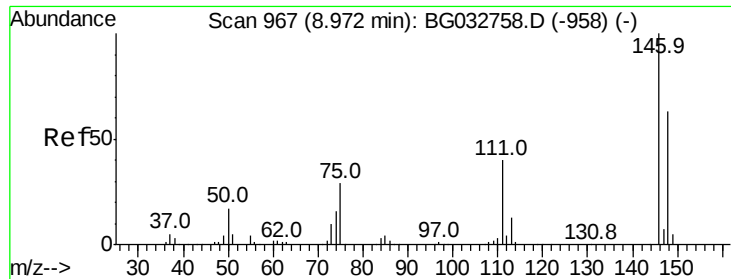


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.685 ng

RT: 8.96 min Scan# 966

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

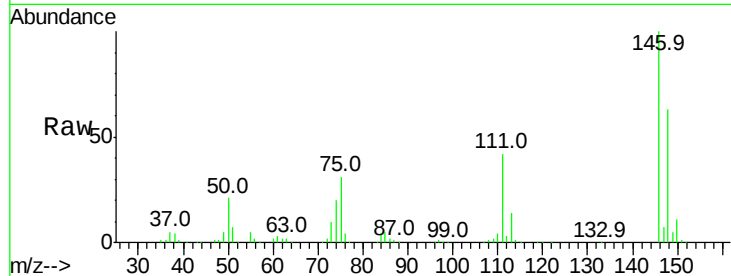
Tot Ion:146 Resp: 200553

Ion Ratio Lower Upper

146 100

148 63.4 53.7 80.5

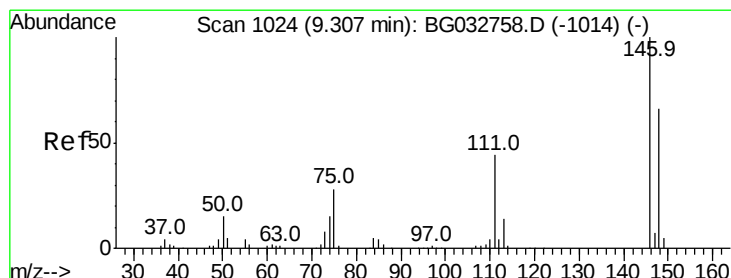
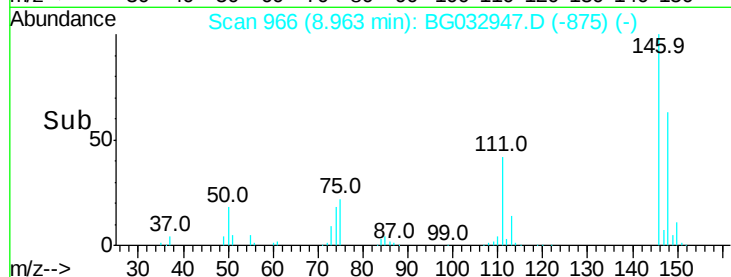
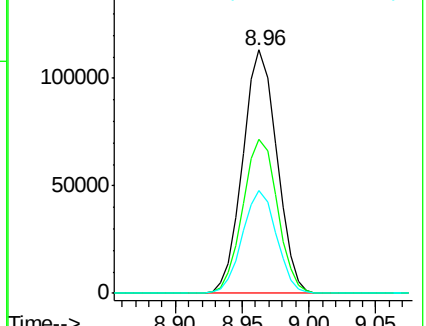
111 42.4 35.2 52.8



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: 37.481 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

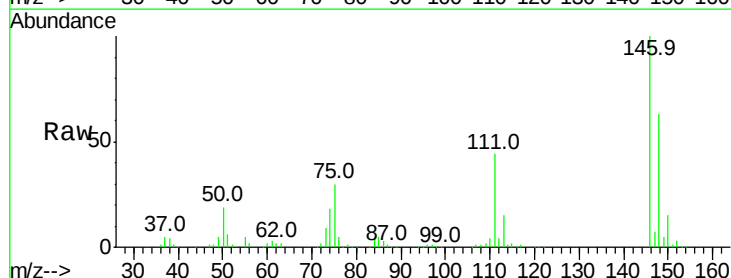
Tgt Ion:146 Resp: 191140

Ion Ratio Lower Upper

146 100

148 62.8 49.3 73.9

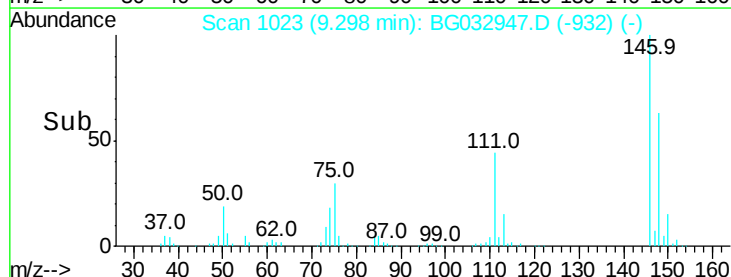
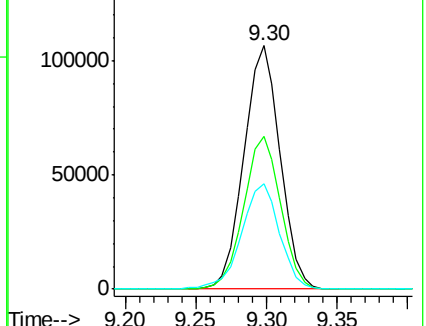
111 43.5 34.3 51.5

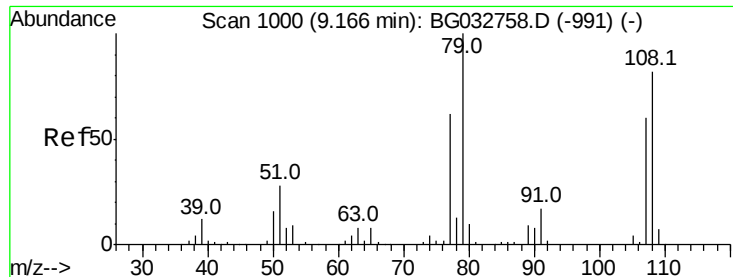


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.857 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

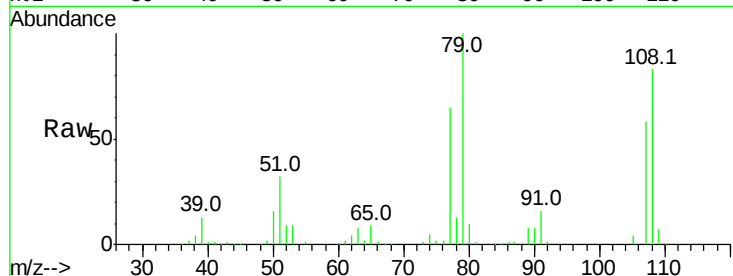
Tot Ion: 79 Resp: 168429

Ion Ratio Lower Upper

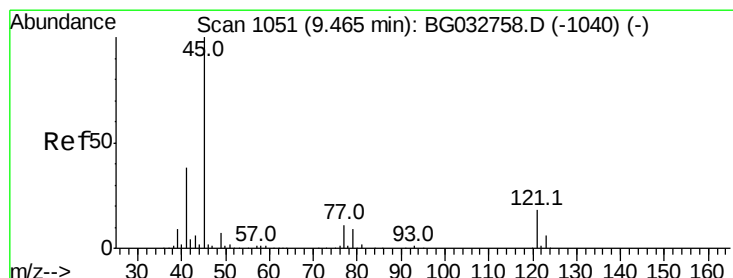
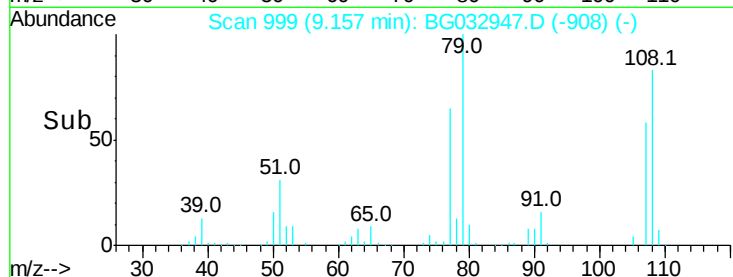
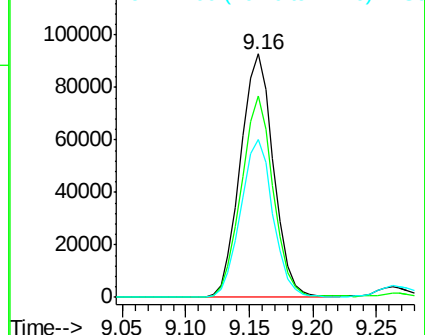
79 100

108 82.6 57.2 85.8

77 64.9 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: 39.918 ng

RT: 9.45 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

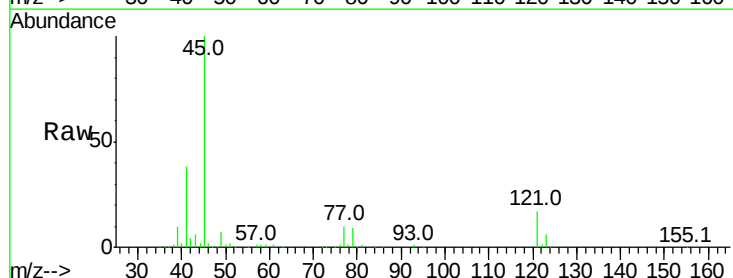
Tgt Ion: 45 Resp: 325147

Ion Ratio Lower Upper

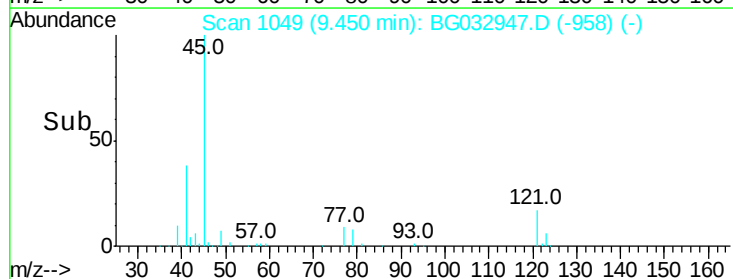
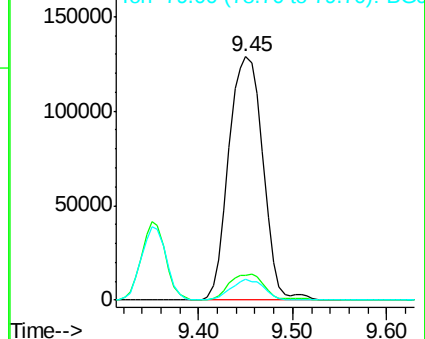
45 100

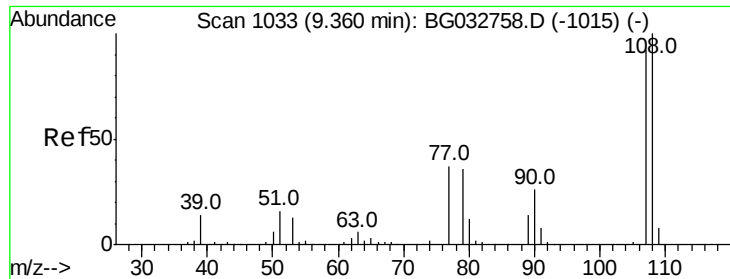
77 10.0 0.0 30.2

79 8.5 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

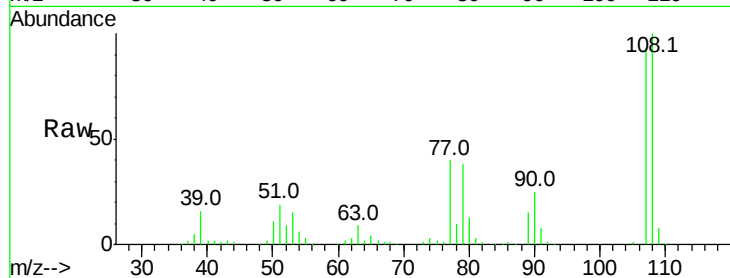




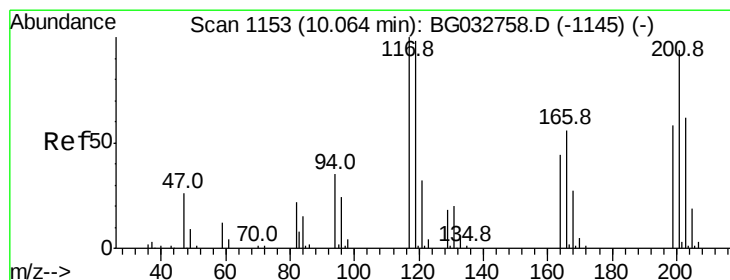
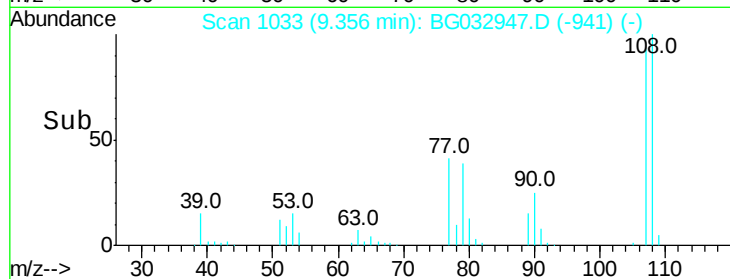
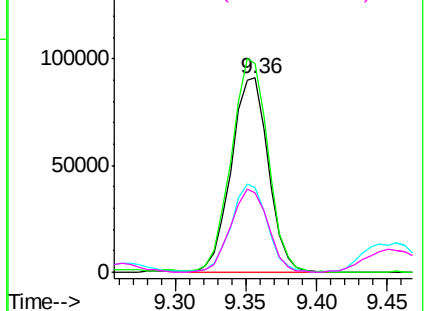
#17
2-Methylphenol
Concen: 38.941 ng
RT: 9.36 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.4	83.9	125.9
77	43.5	37.2	55.8
79	41.1	36.2	54.2

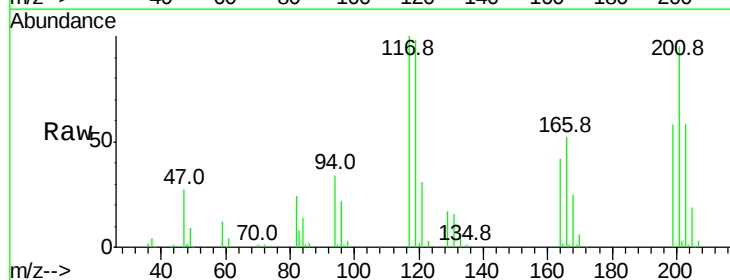


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

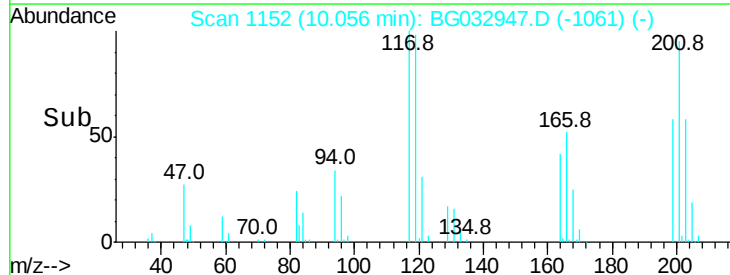
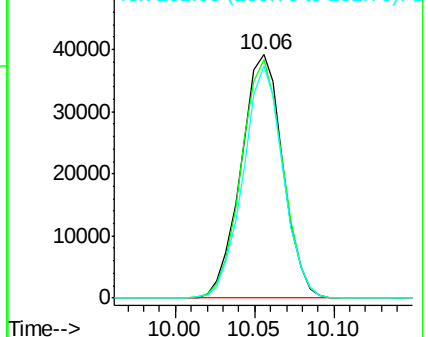


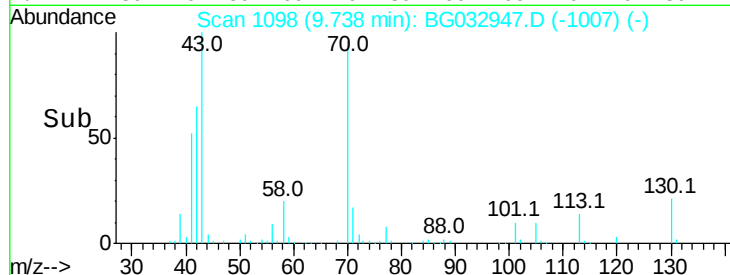
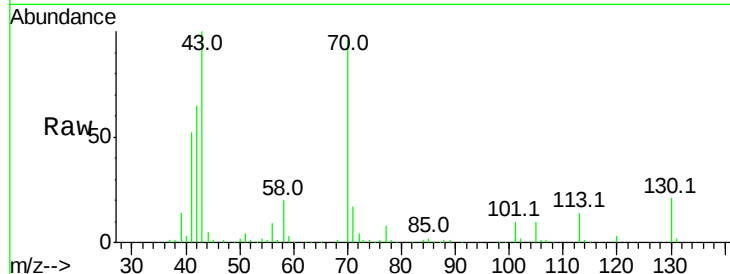
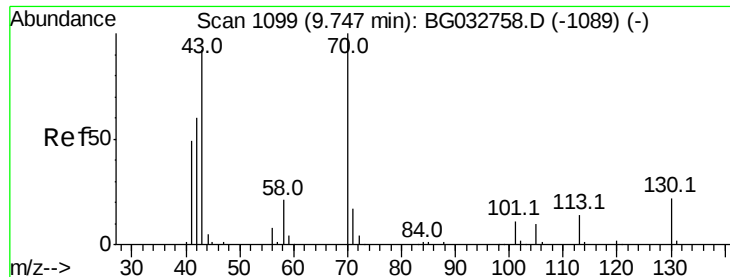
#18
Hexachloroethane
Concen: 39.580 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.7	115.1
201	95.4	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

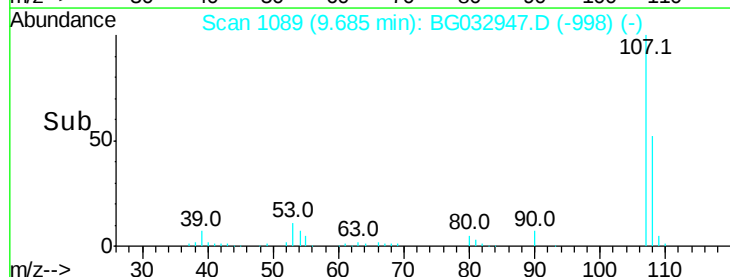
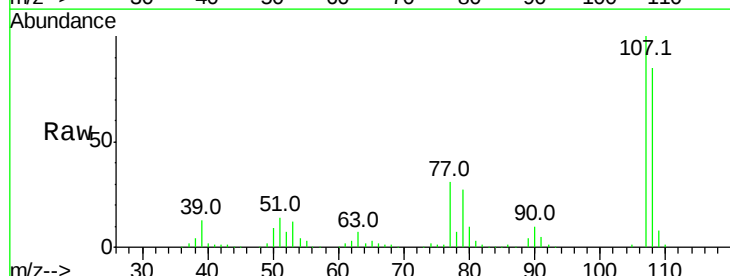
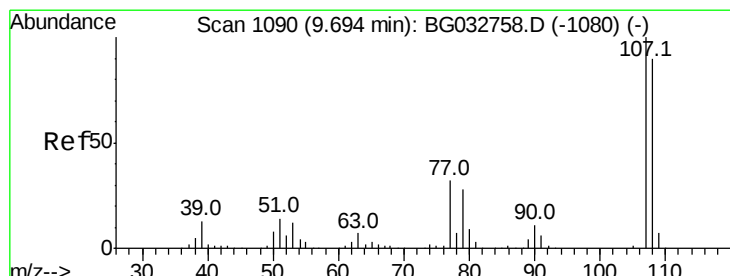
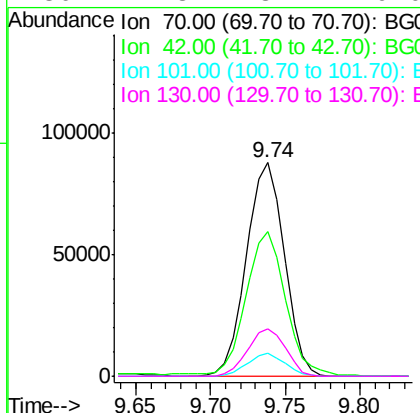




#19
n-Nitroso-di-n-propylamine
Concen: 38.072 ng
RT: 9.74 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

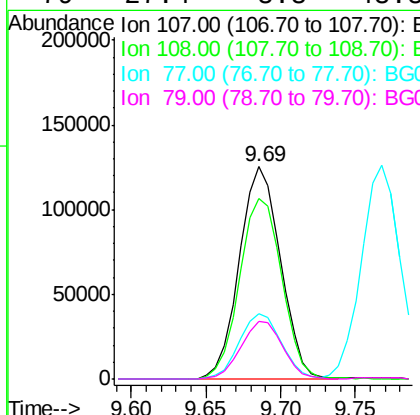
Instrument :
BNA_G
ClientSampleId :

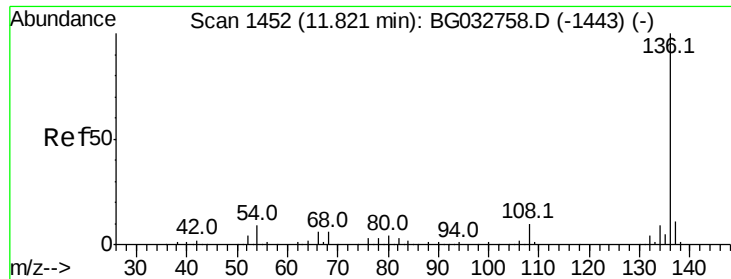
Tot Ion: 70 Resp: 154498
Ion Ratio Lower Upper
70 100
42 67.6 49.1 73.7
101 10.8 8.5 12.7
130 22.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.256 ng
RT: 9.69 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:107 Resp: 239169
Ion Ratio Lower Upper
107 100
108 85.4 61.6 101.6
77 31.0 13.9 53.9
79 27.4 8.8 48.8

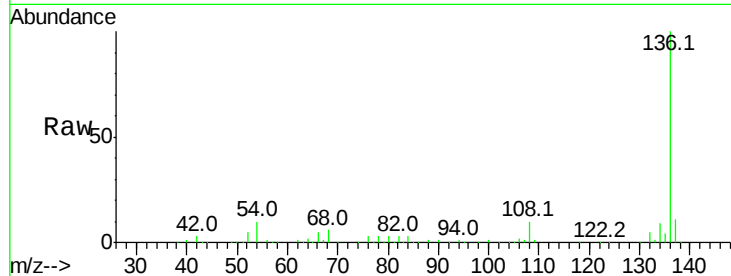




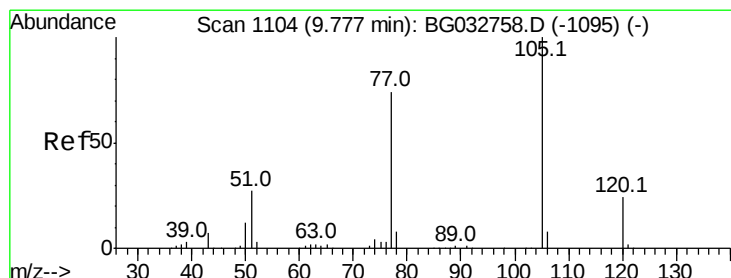
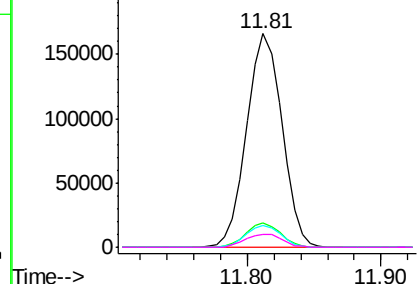
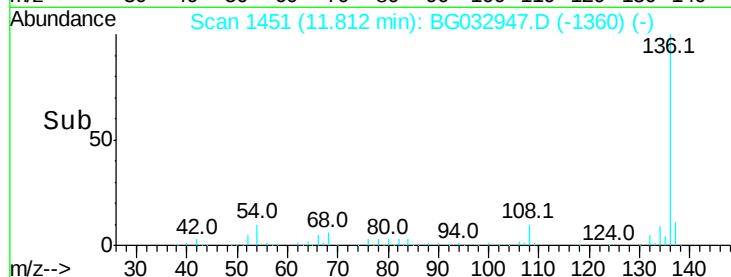
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	304299
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	10.1	10.3 15.5#
68	6.3	4.5 6.7

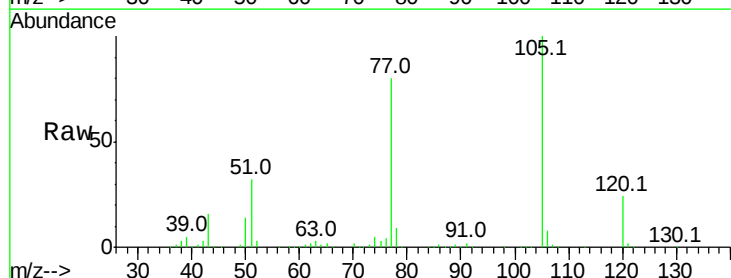


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

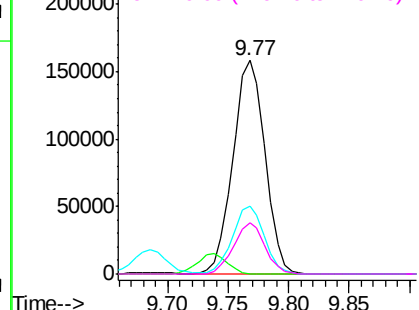
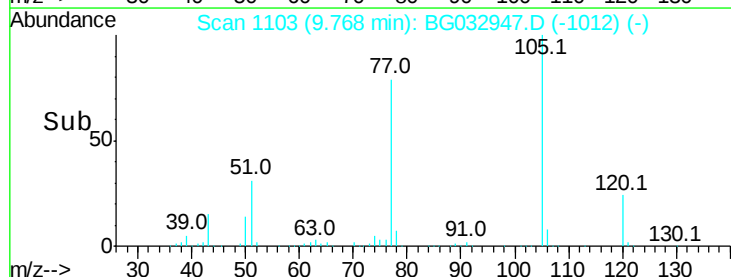


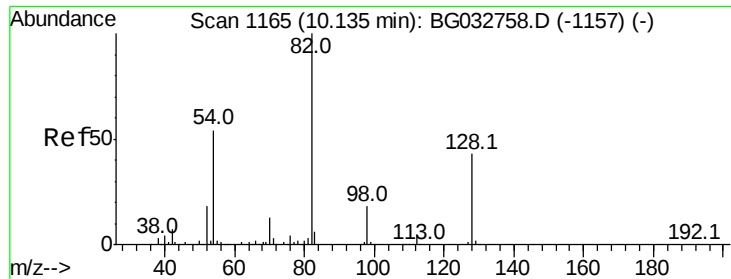
#22
Acetophenone
Concen: 38.115 ng
RT: 9.77 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:105	Resp:	292916
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	31.6	26.1 39.1
120	24.2	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

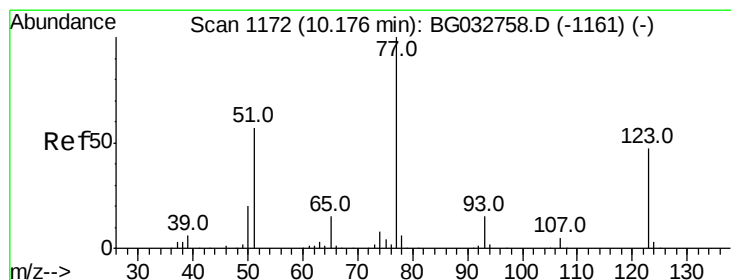
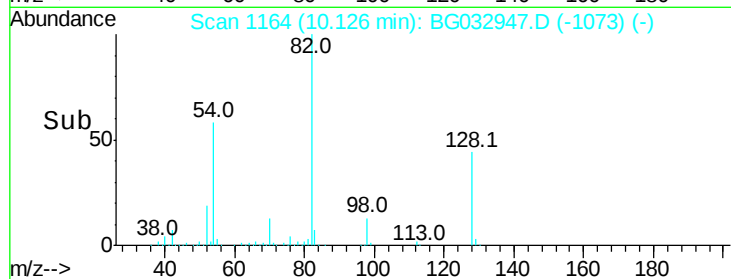
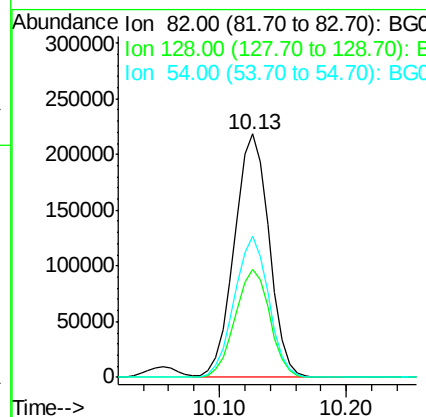
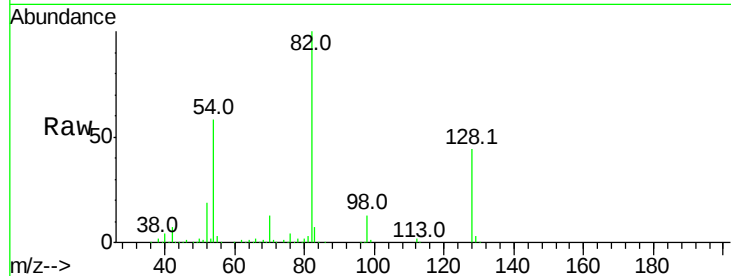




#23
 Nitrobenzene-d5
 Concen: 93.139 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

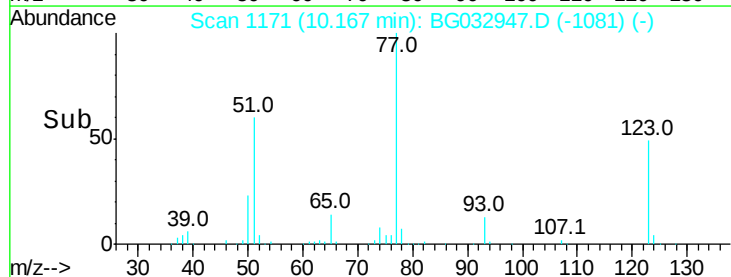
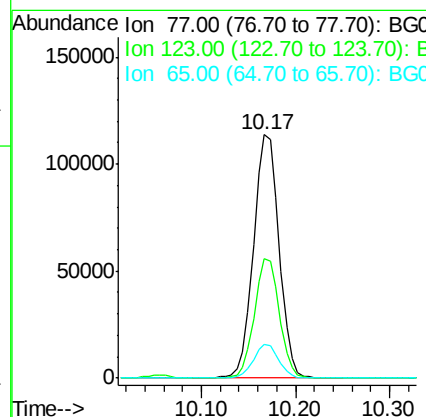
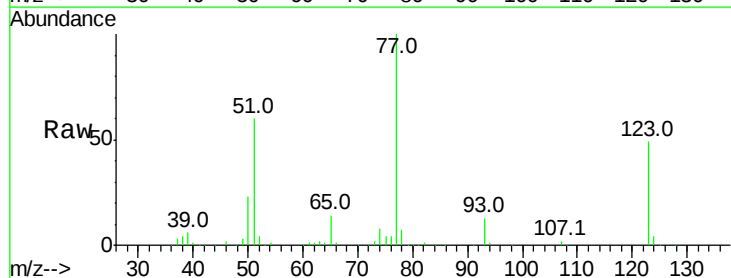
Instrument :
 BNA_G
 ClientSampled :

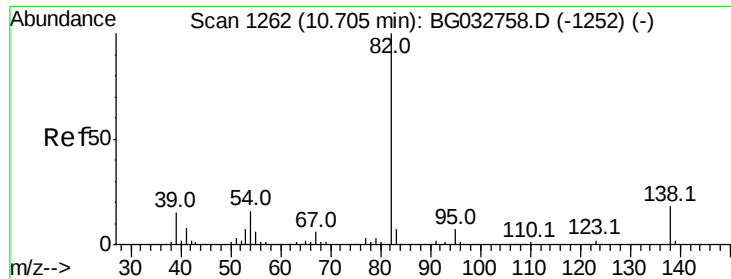
Tot Ion: 82 Resp: 413129
 Ion Ratio Lower Upper
 82 100
 128 44.2 29.7 44.5
 54 58.2 43.1 64.7



#24
 Nitrobenzene
 Concen: 44.611 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion: 77 Resp: 213965
 Ion Ratio Lower Upper
 77 100
 123 49.2 33.0 49.6
 65 14.1 13.0 19.6





#25

Isophorone

Concen: 37.859 ng

RT: 10.69 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

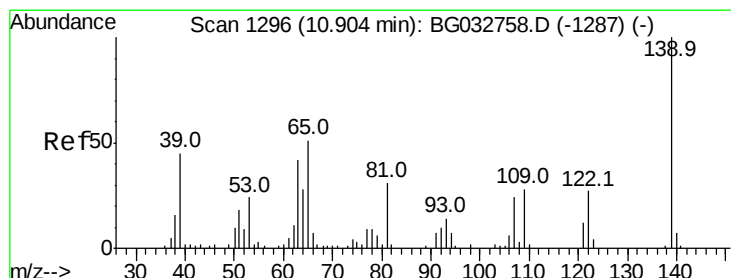
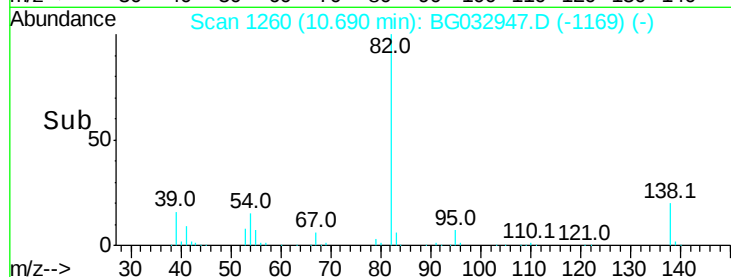
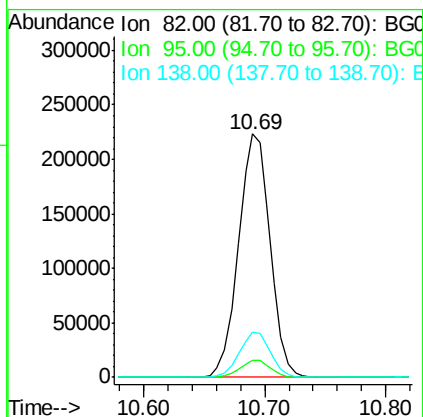
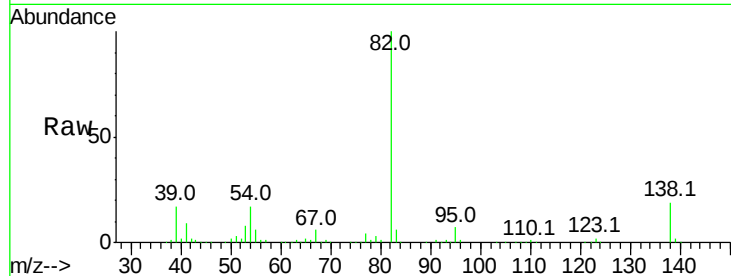
Tot Ion: 82 Resp: 404364

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

138 18.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 56.628 ng

RT: 10.90 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

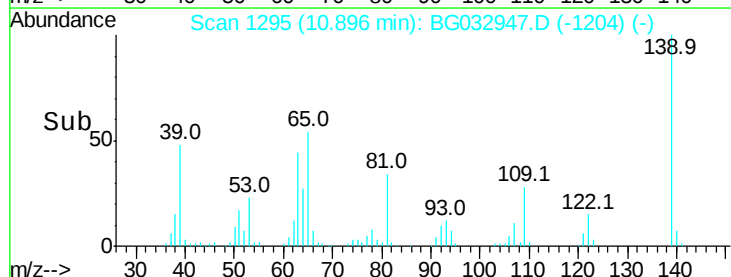
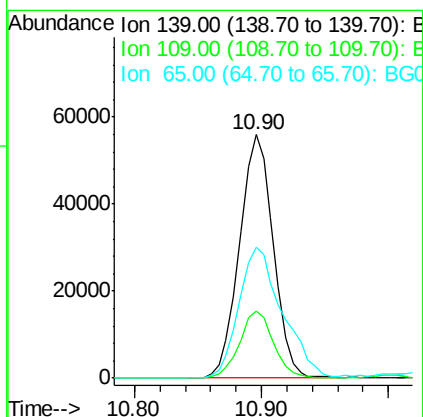
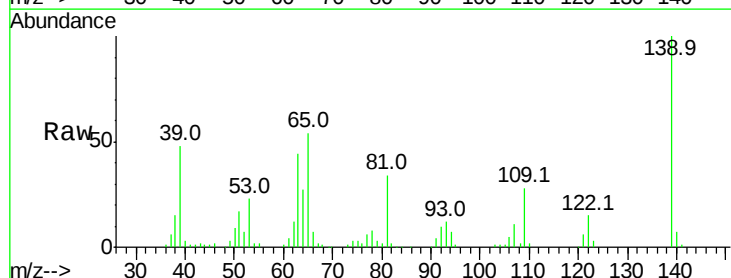
Tgt Ion: 139 Resp: 103343

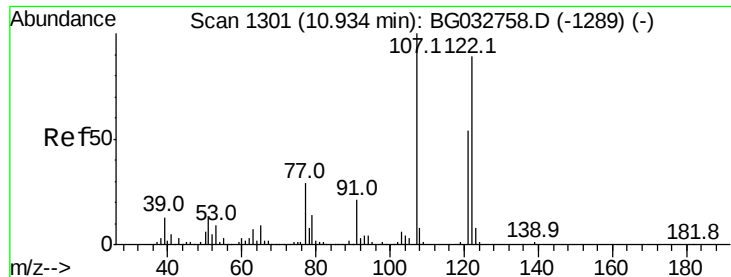
Ion Ratio Lower Upper

139 100

109 27.6 24.2 36.2

65 53.8 47.4 71.0

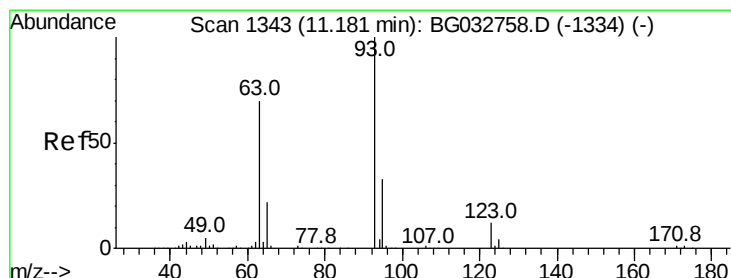
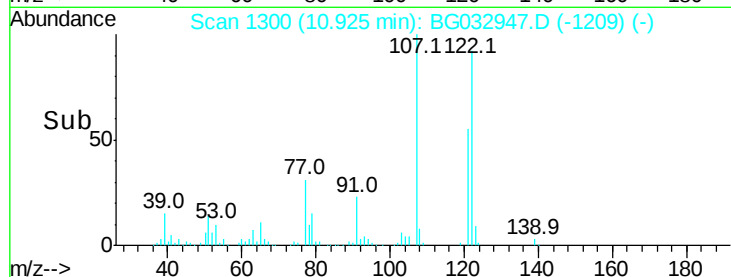
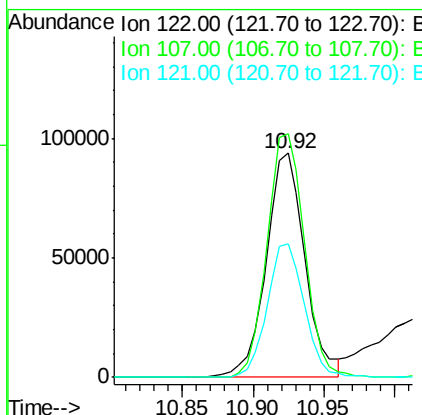
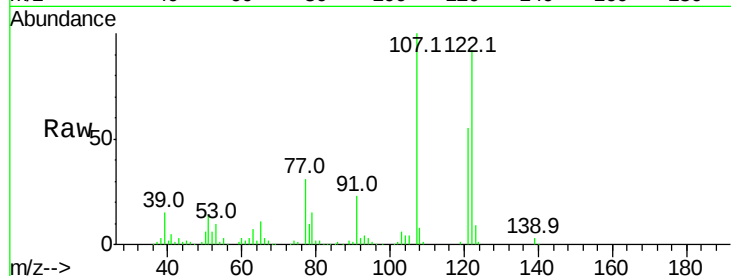




#27
2,4-Dimethylphenol
Concen: 38.801 ng
RT: 10.92 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

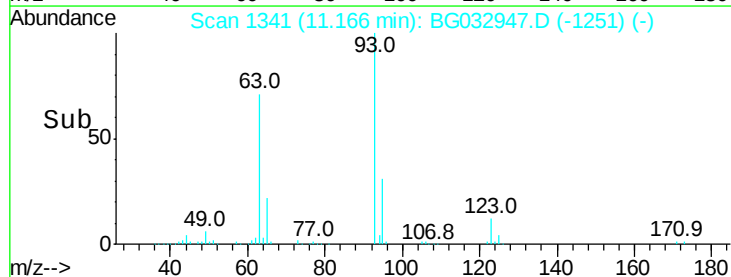
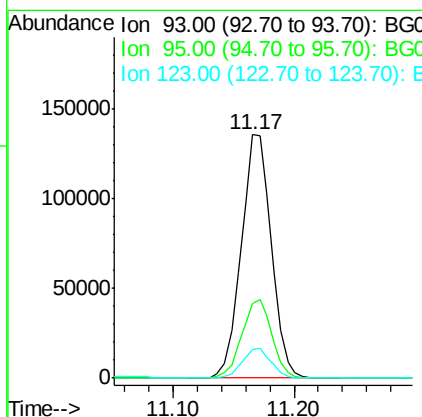
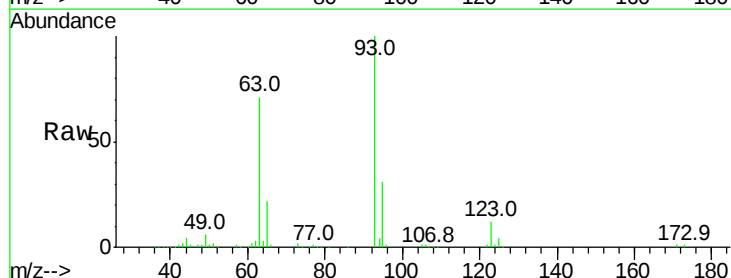
Instrument :
BNA_G
ClientSampleId :

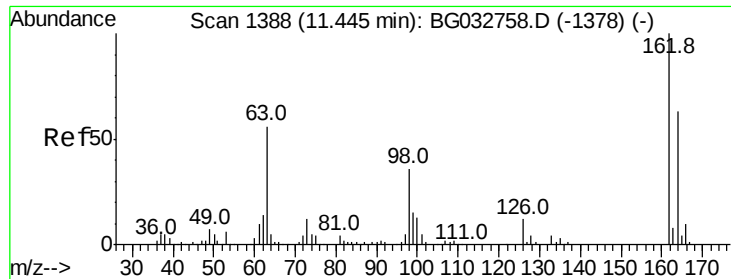
Tot Ion:122 Resp: 180028
Ion Ratio Lower Upper
122 100
107 108.7 100.2 150.2
121 59.9 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.784 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion: 93 Resp: 235095
Ion Ratio Lower Upper
93 100
95 30.9 24.3 36.5
123 11.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 40.526 ng

RT: 11.44 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

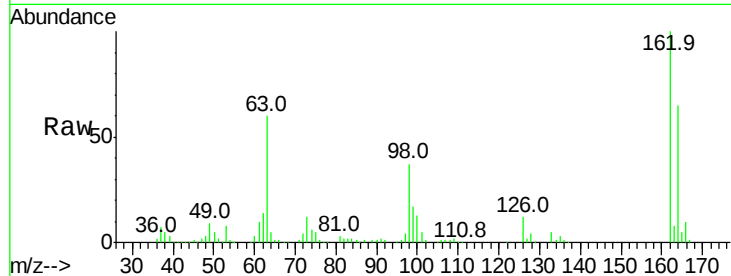
Tot Ion:162 Resp: 170657

Ion Ratio Lower Upper

162 100

164 64.5 48.0 88.0

98 37.0 21.1 61.1

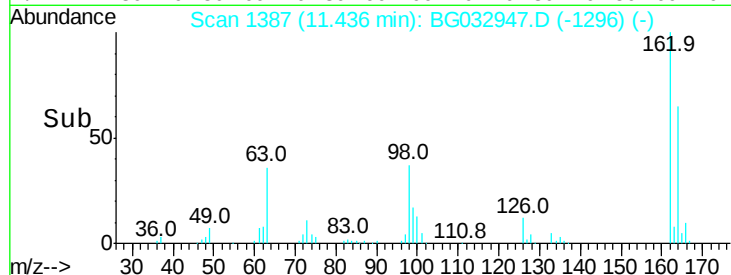


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



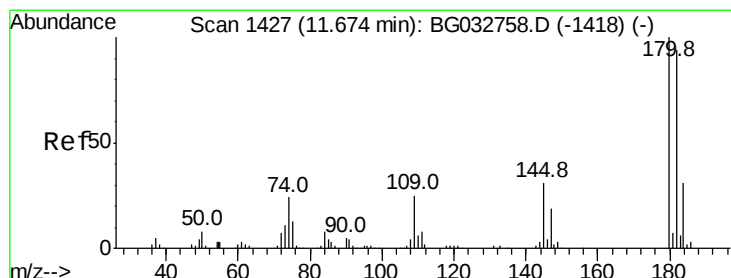
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 37.654 ng

RT: 11.67 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

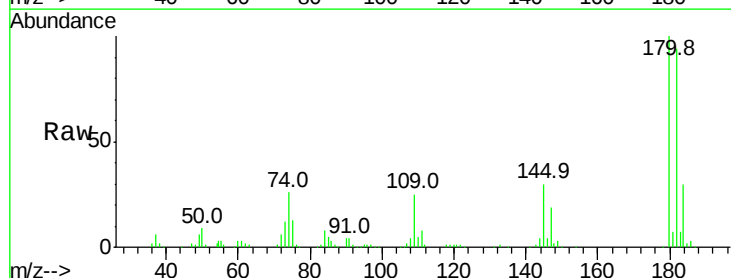
Tgt Ion:180 Resp: 185872

Ion Ratio Lower Upper

180 100

182 94.4 77.5 116.3

145 30.5 23.4 35.2

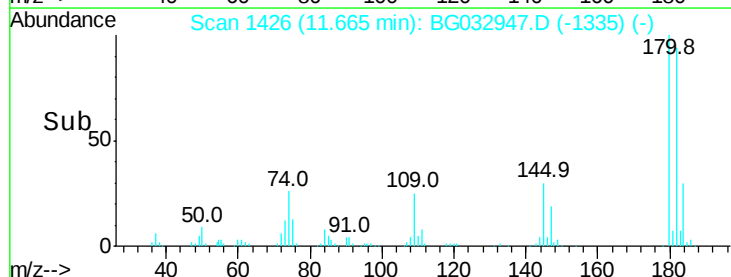


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



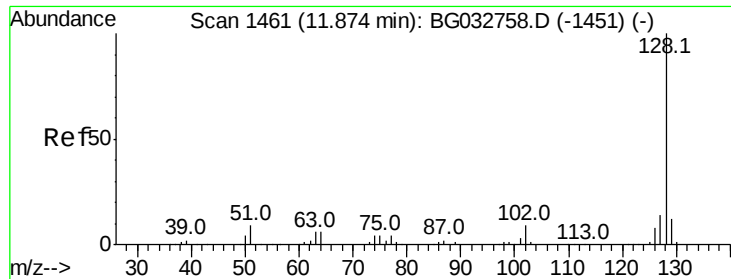
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

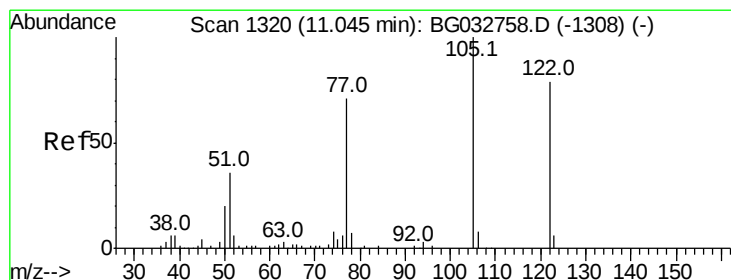
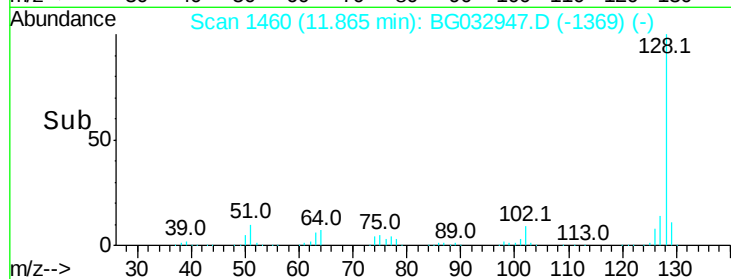
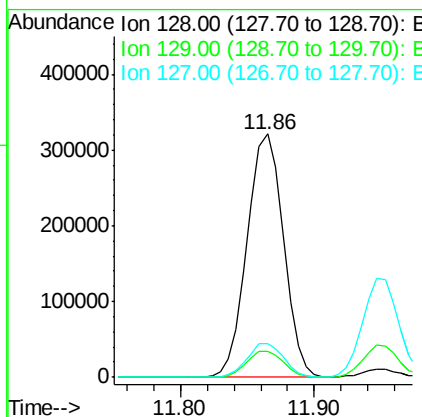
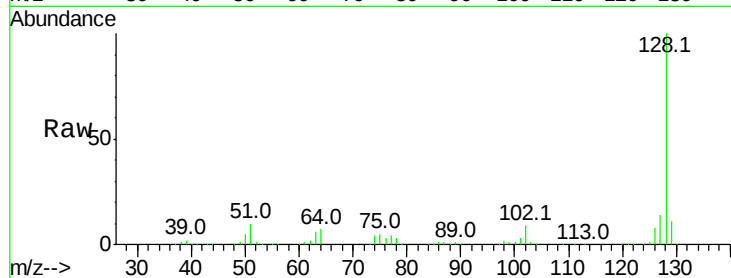
Time-->



#31
Naphthalene
Concen: 37.993 ng
RT: 11.86 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

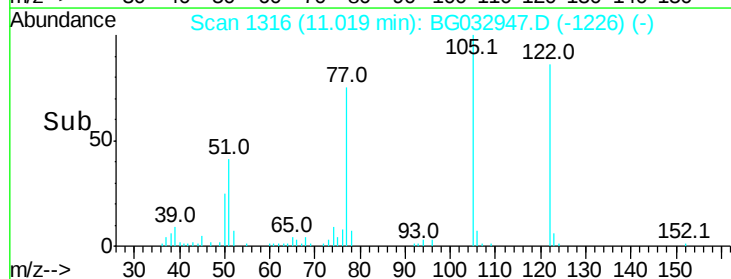
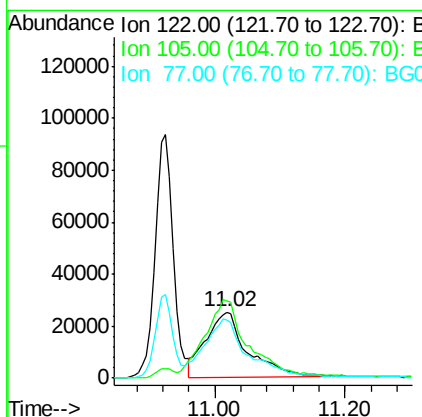
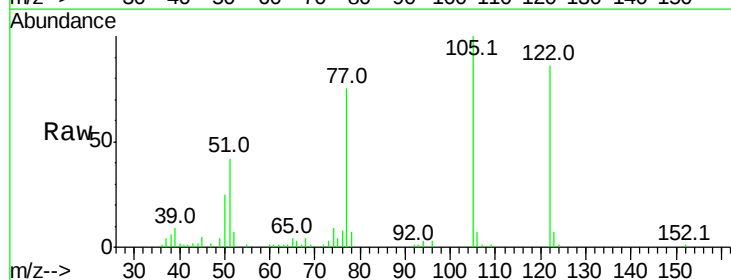
Instrument :
BNA_G
ClientSampleId :

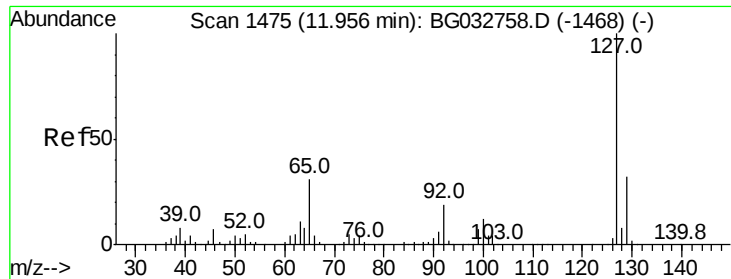
Tot Ion:128 Resp: 604125
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 41.179 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:122 Resp: 110990
Ion Ratio Lower Upper
122 100
105 116.9 123.5 163.5#
77 87.5 85.7 125.7

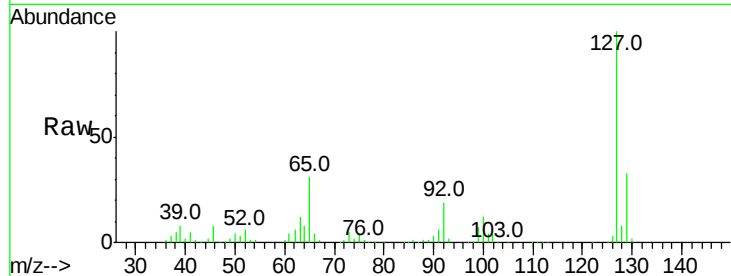




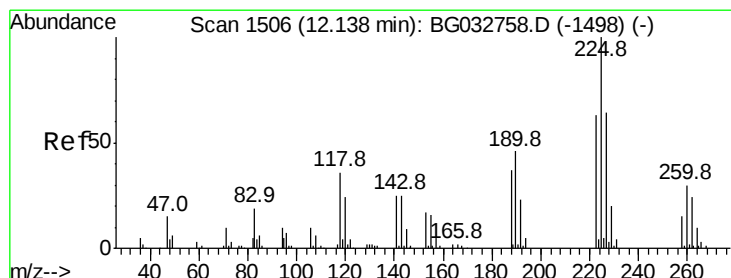
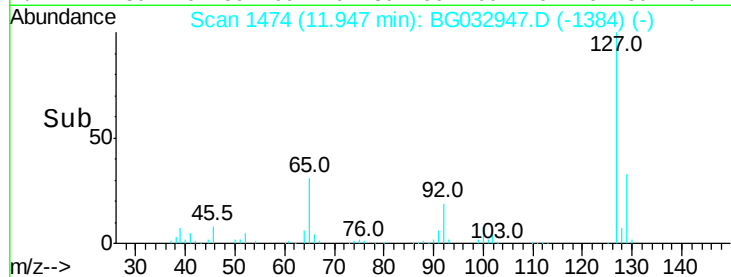
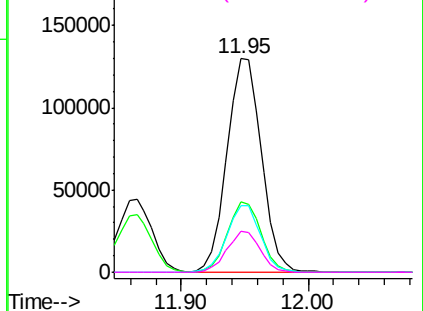
#33
4-Chloroaniline
Concen: 34.105 ng
RT: 11.95 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	242473
Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.0	36.0
65	31.2	27.0	40.4
92	19.4	16.6	25.0

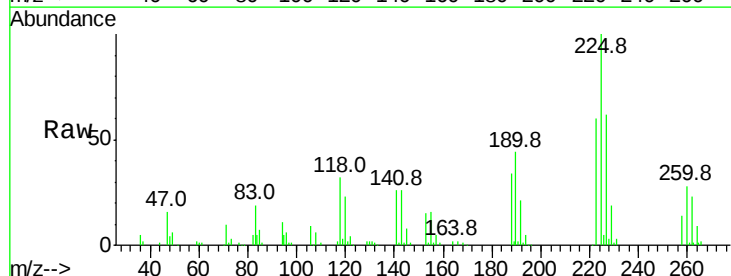


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

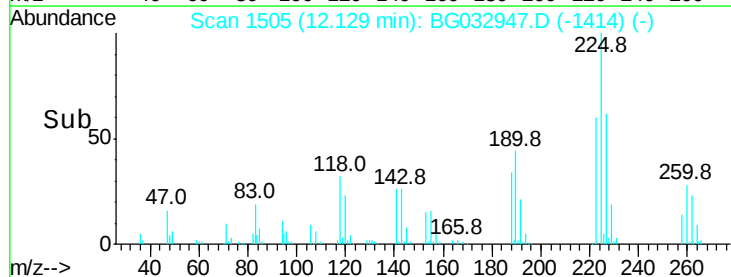
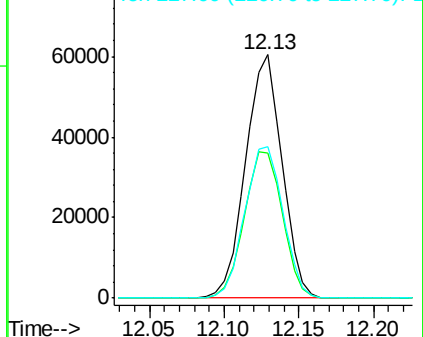


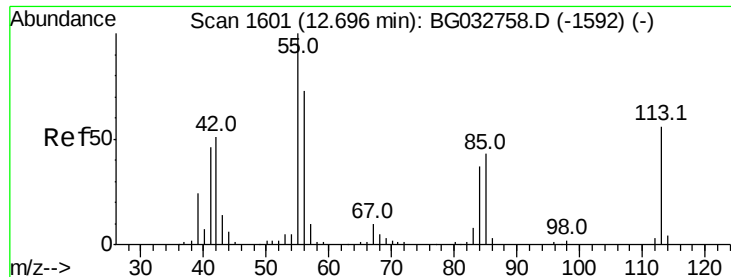
#34
Hexachlorobutadiene
Concen: 36.831 ng
RT: 12.13 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:	225	Resp:	101979
Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.7	74.5
227	62.0	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: 42.393 ng

RT: 12.70 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

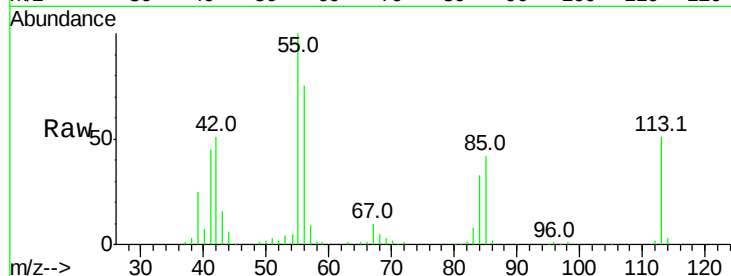
Tot Ion:113 Resp: 71482

Ion Ratio Lower Upper

113 100

55 194.7 186.9 226.9

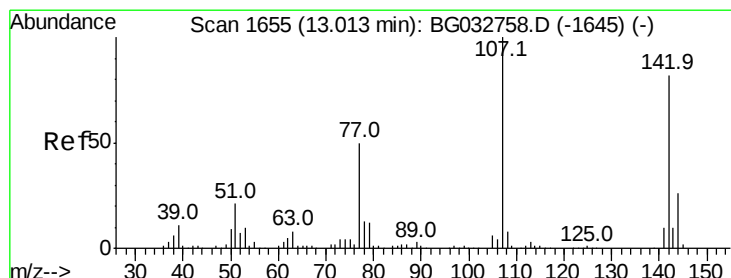
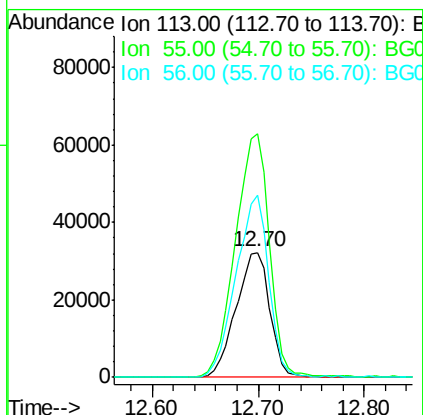
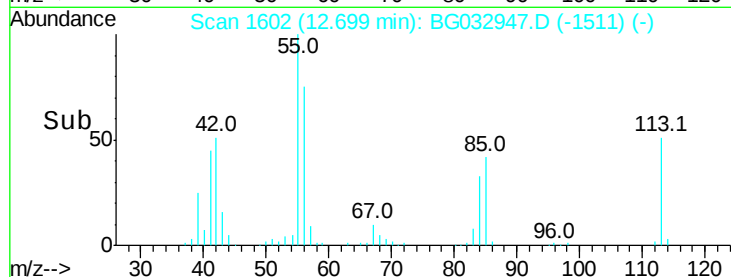
56 146.2 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.721 ng

RT: 13.00 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

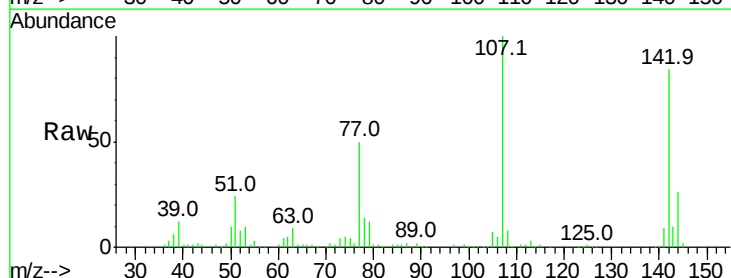
Tgt Ion:107 Resp: 204453

Ion Ratio Lower Upper

107 100

144 25.7 18.2 27.4

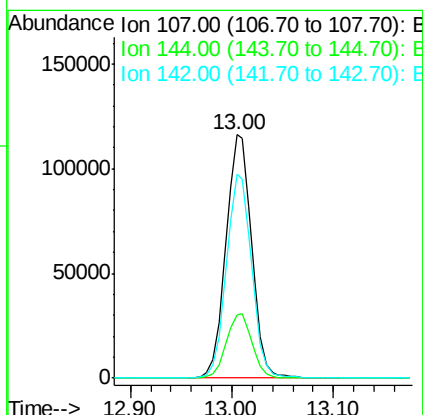
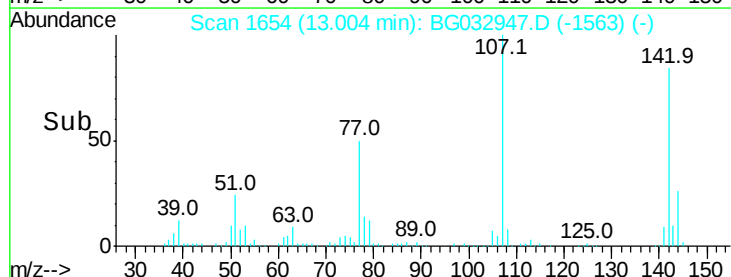
142 83.5 59.0 88.4

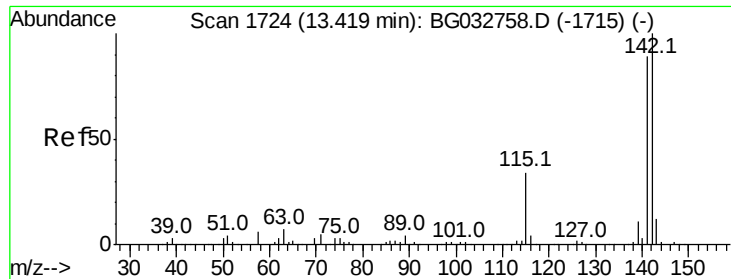


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

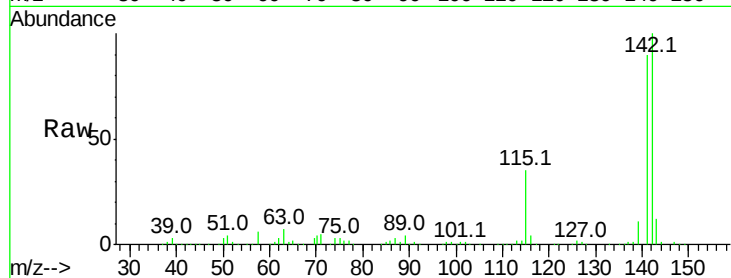




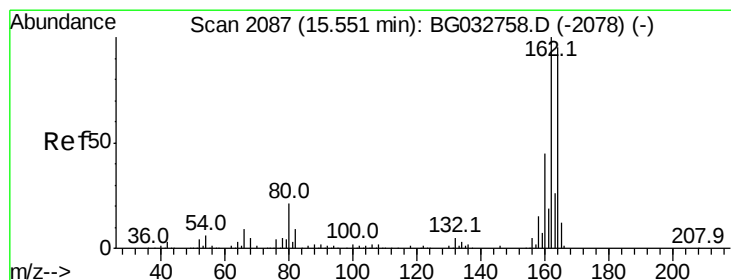
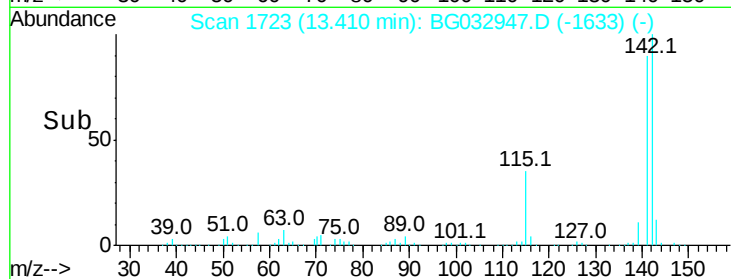
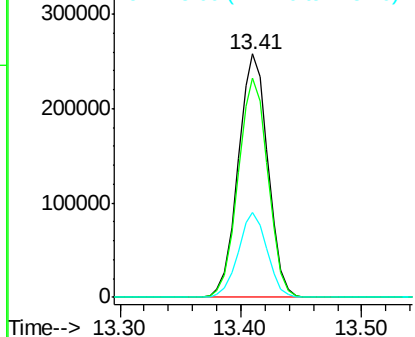
#37
2-Methylnaphthalene
Concen: 38.249 ng
RT: 13.41 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 440009
Ion Ratio Lower Upper
142 100
141 90.3 67.1 100.7
115 34.6 30.7 46.1

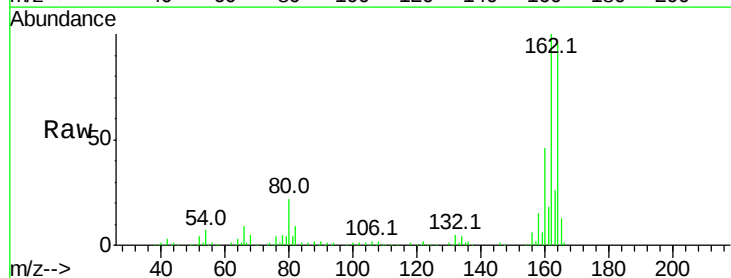


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

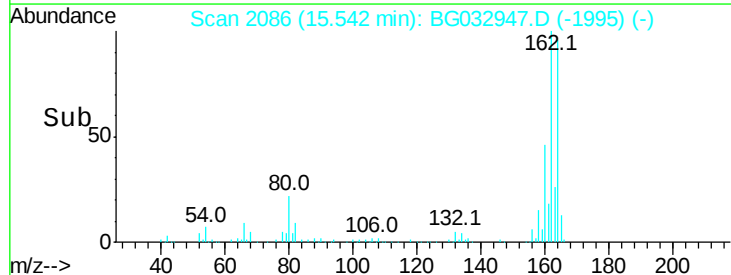
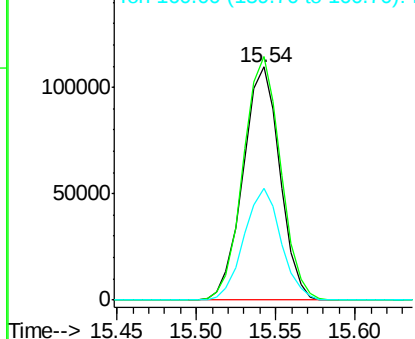


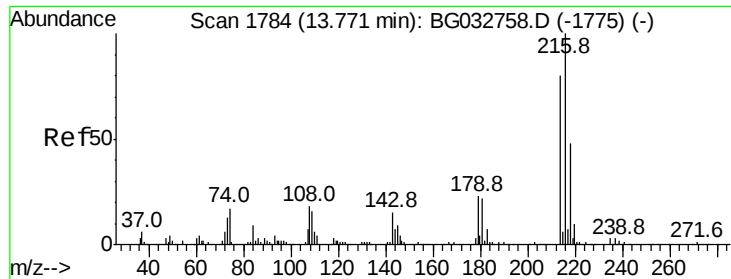
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:164 Resp: 176304
Ion Ratio Lower Upper
164 100
162 104.6 78.8 118.2
160 48.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

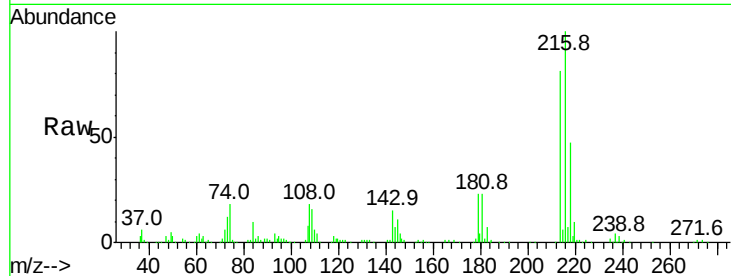




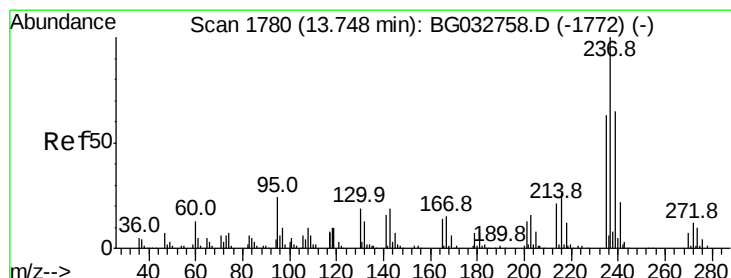
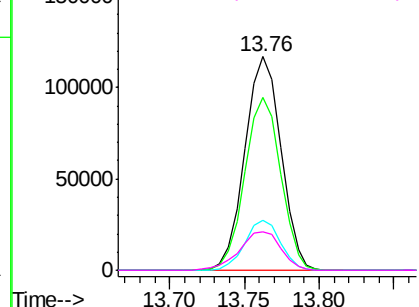
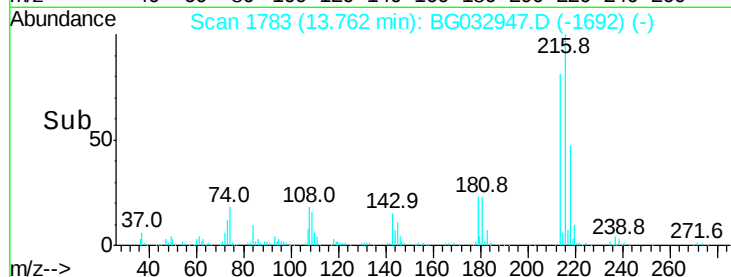
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.391 ng
 RT: 13.76 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216 Resp: 195691
 Ion Ratio Lower Upper
 216 100
 214 80.7 63.0 94.4
 179 23.1 17.0 25.6
 108 21.0 12.8 19.2#

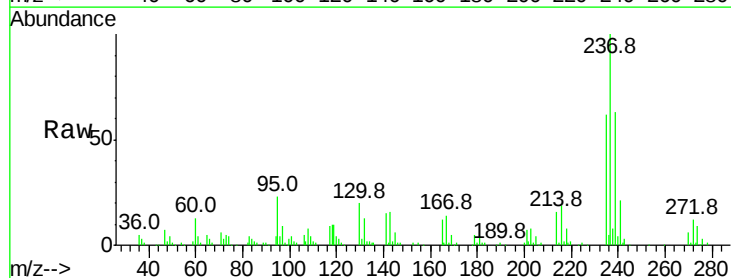


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

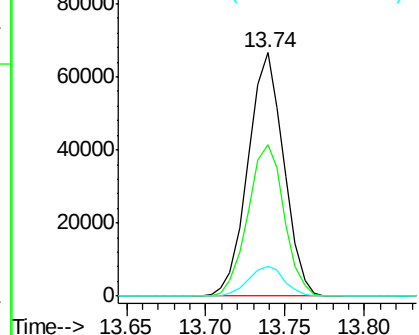
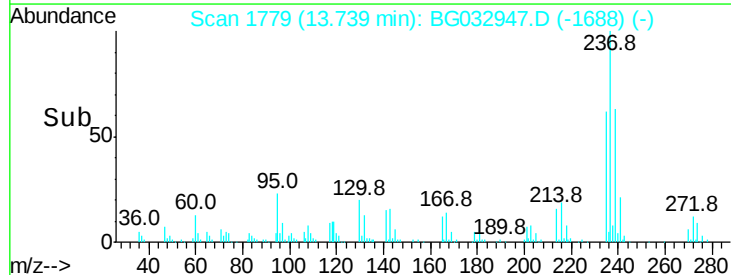


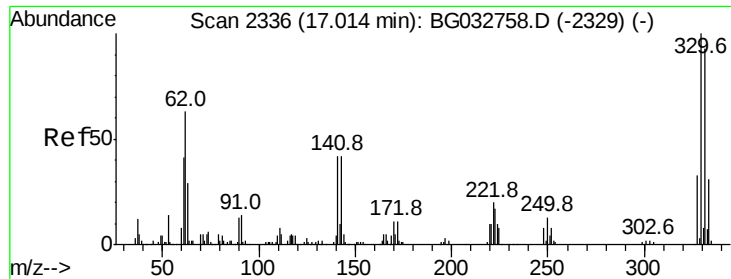
#40
 Hexachlorocyclopentadiene
 Concen: 38.982 ng
 RT: 13.74 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion:237 Resp: 103974
 Ion Ratio Lower Upper
 237 100
 235 62.4 50.4 90.4
 272 12.0 0.0 31.8



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

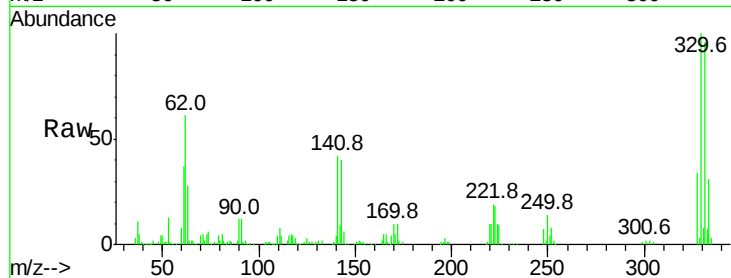




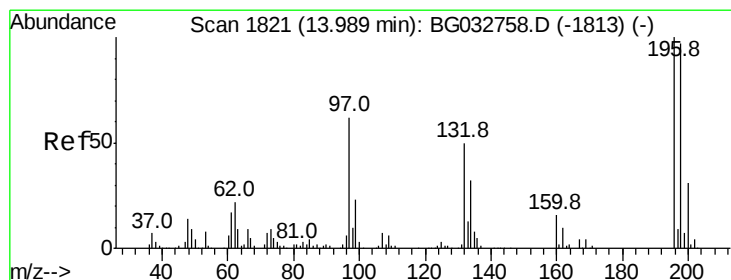
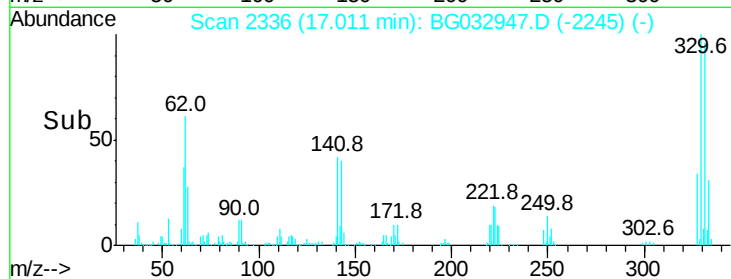
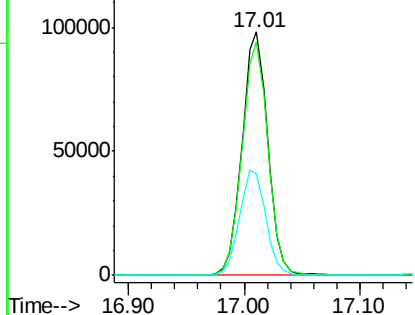
#41
 2,4,6-Tribromophenol
 Concen: 81.995 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 152000
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 44.3 25.2 37.8#

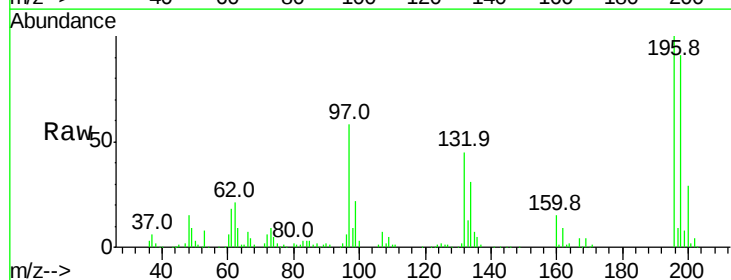


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

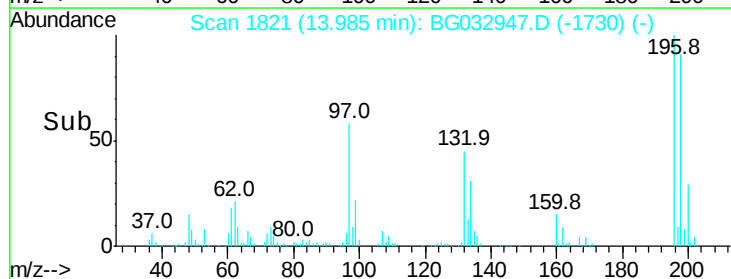
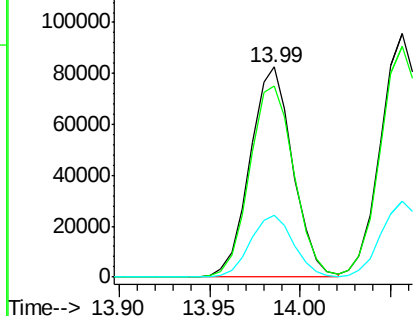


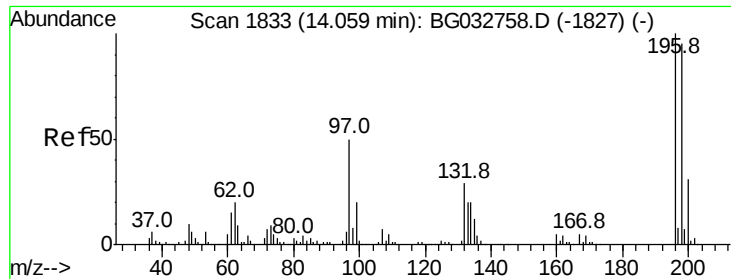
#42
 2,4,6-Trichlorophenol
 Concen: 41.181 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion:196 Resp: 135920
 Ion Ratio Lower Upper
 196 100
 198 91.2 78.2 117.2
 200 29.5 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

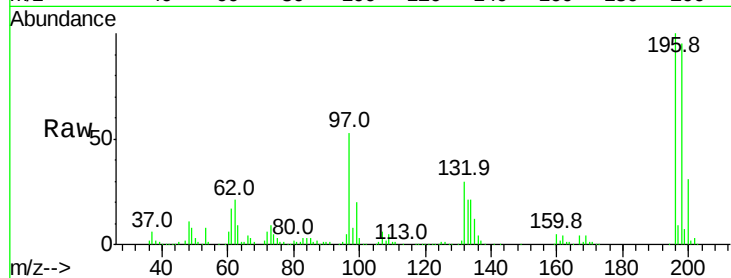




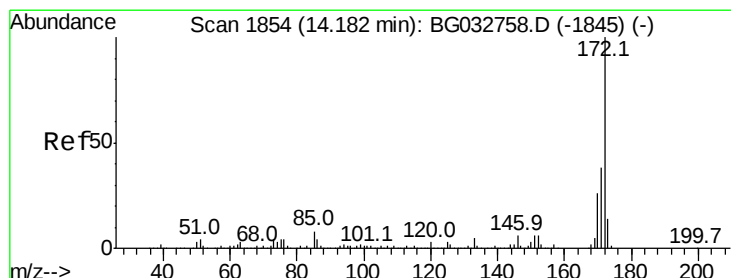
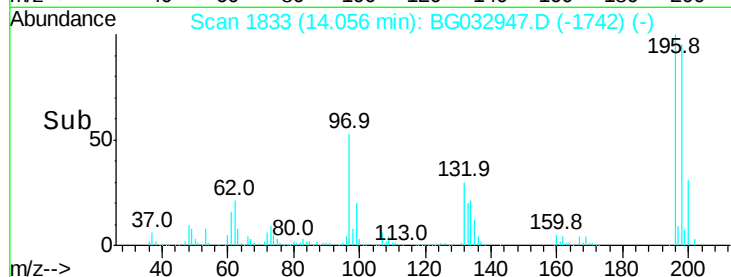
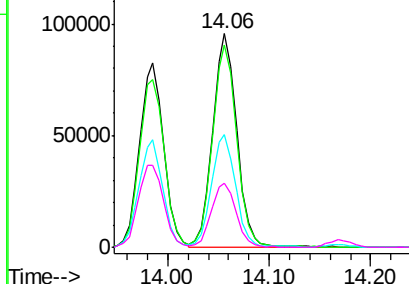
#43
 2,4,5-Trichlorophenol
 Concen: 41.193 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	157355
Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.2	114.4
97	53.0	38.7	58.1
132	30.1	20.2	30.2

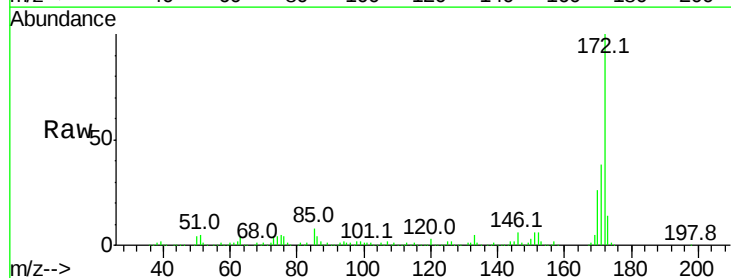


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

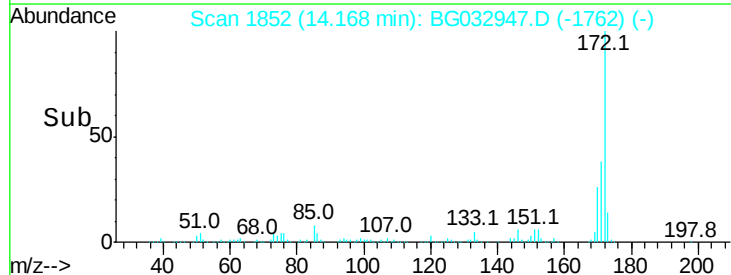
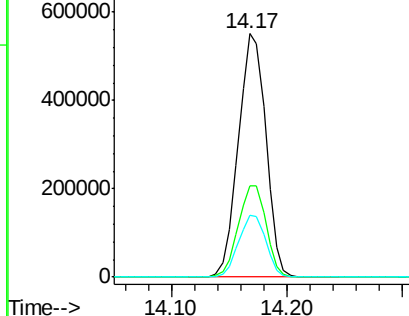


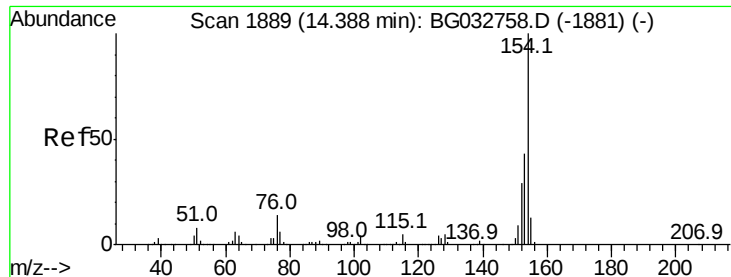
#44
 2-Fluorobiphenyl
 Concen: 74.527 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion:	172	Resp:	911038
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.5	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

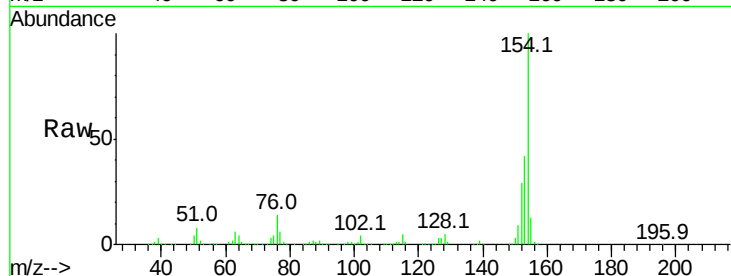




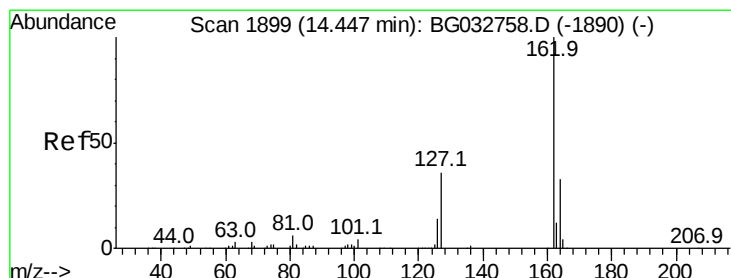
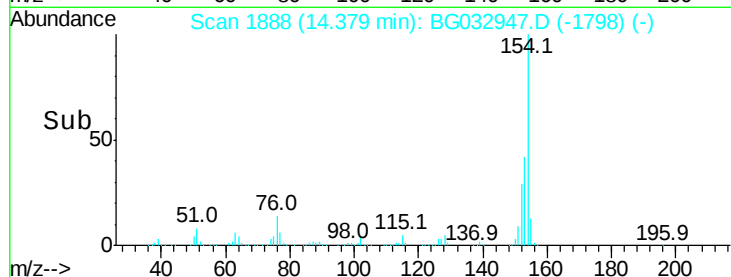
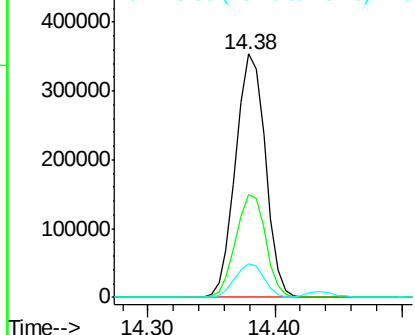
#45
 1,1'-Biphenyl
 Concen: 37.362 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 575603
 Ion Ratio Lower Upper
 154 100
 153 42.3 19.8 59.8
 76 13.8 0.0 31.9

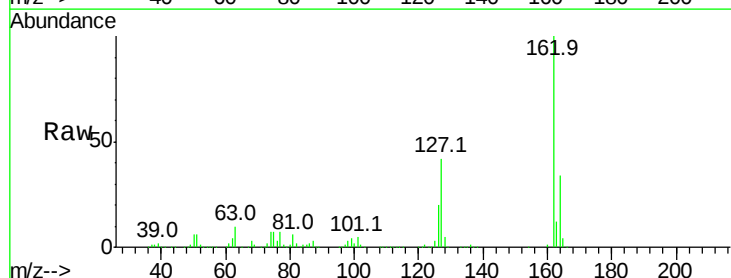


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

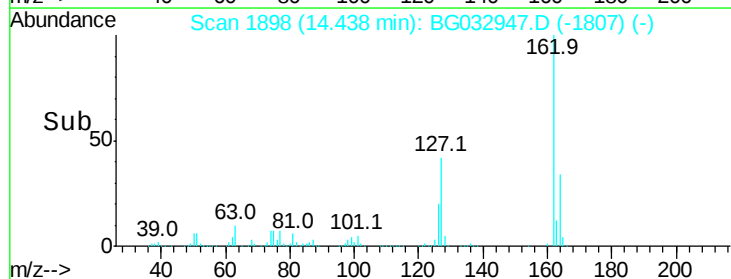
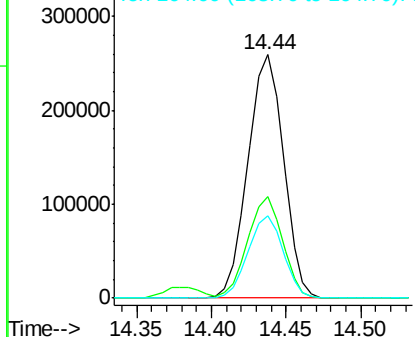


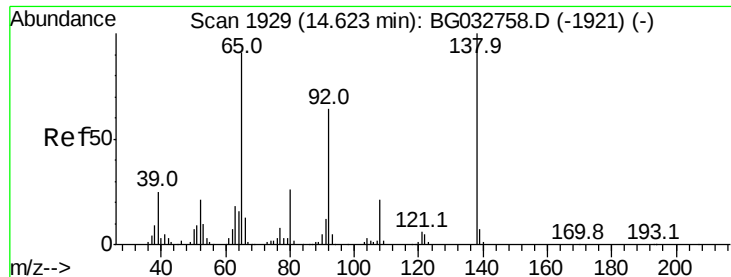
#46
 2-Chloronaphthalene
 Concen: 37.229 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion:162 Resp: 428446
 Ion Ratio Lower Upper
 162 100
 127 41.5 30.7 46.1
 164 33.7 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

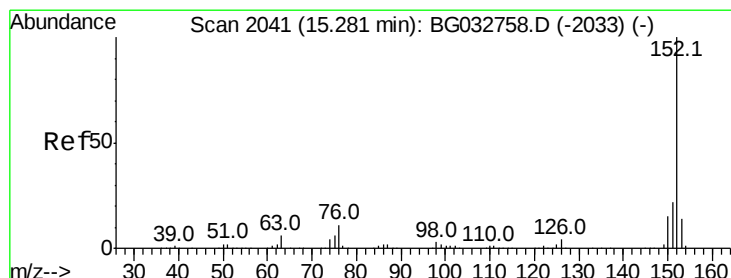
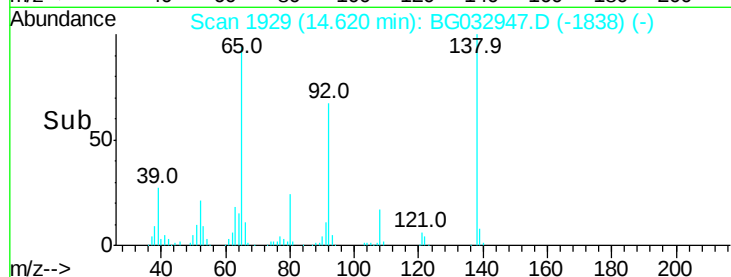
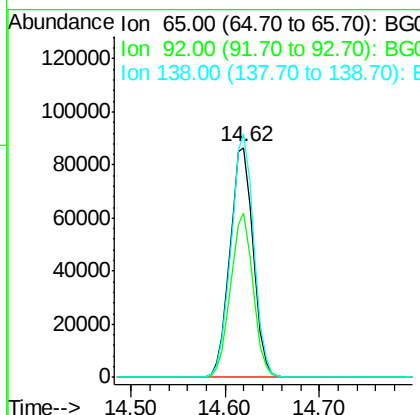
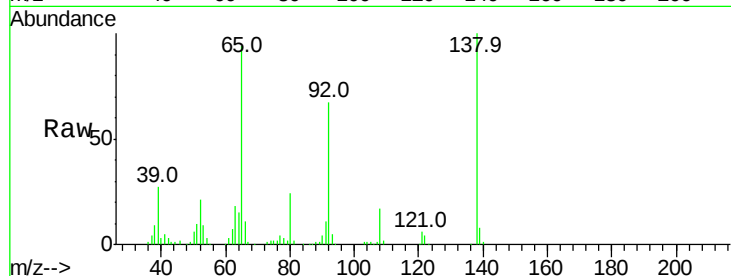




#47
2-Nitroaniline
Concen: 50.548 ng
RT: 14.62 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

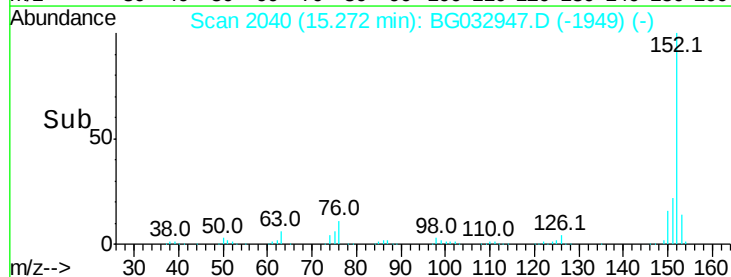
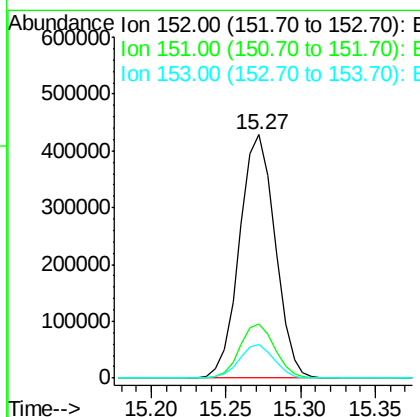
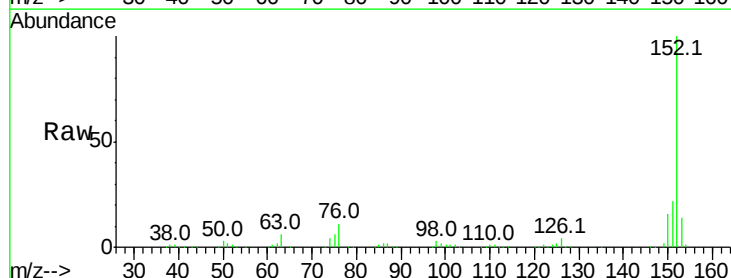
Instrument :
BNA_G
ClientSampleId :

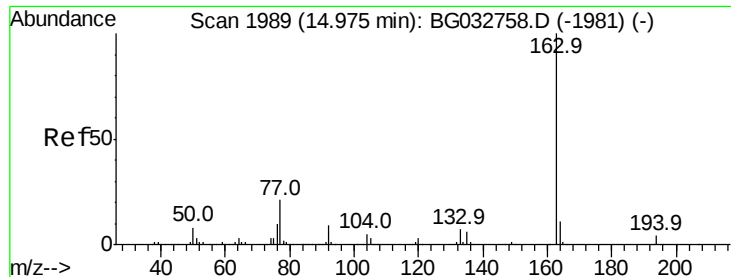
Tot Ion: 65 Resp: 148613
Ion Ratio Lower Upper
65 100
92 71.4 54.6 82.0
138 105.9 72.9 109.3



#48
Acenaphthylene
Concen: 37.613 ng
RT: 15.27 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion: 152 Resp: 708700
Ion Ratio Lower Upper
152 100
151 22.2 17.2 25.8
153 13.8 10.2 15.4





#49

Dimethylphthalate

Concen: 37.053 ng

RT: 14.97 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

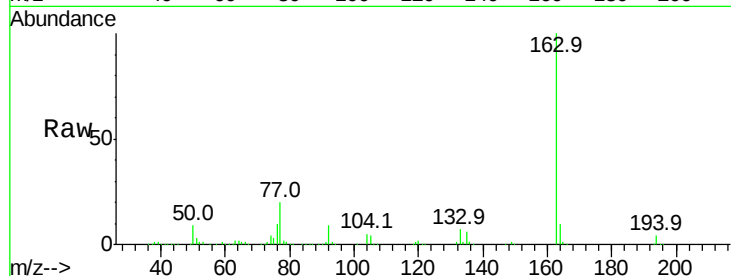
Tot Ion:163 Resp: 554679

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

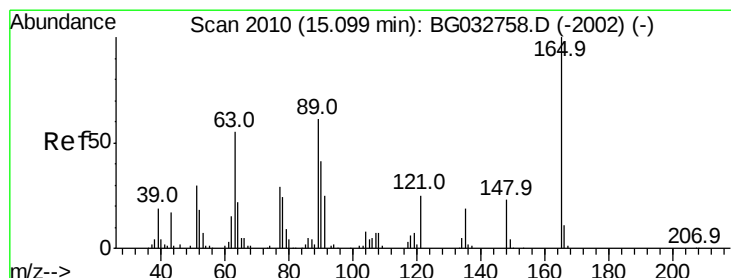
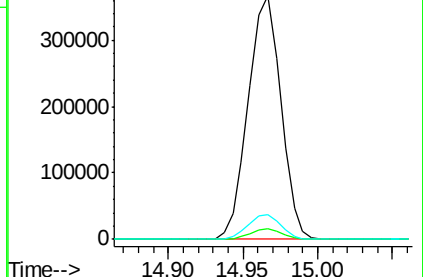
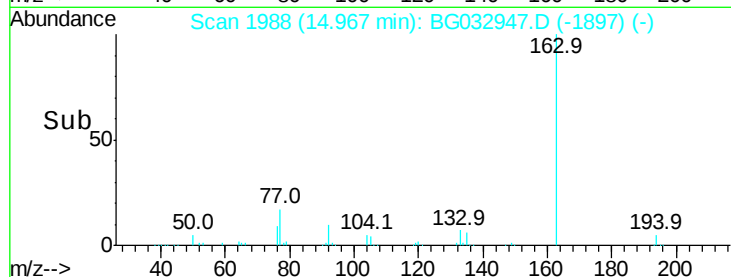
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.486 ng

RT: 15.09 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

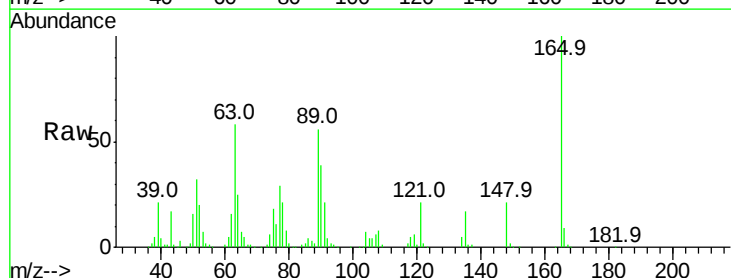
Tgt Ion:165 Resp: 120410

Ion Ratio Lower Upper

165 100

63 58.1 52.7 79.1

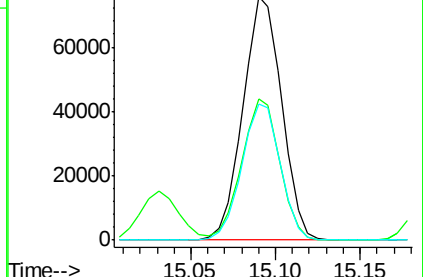
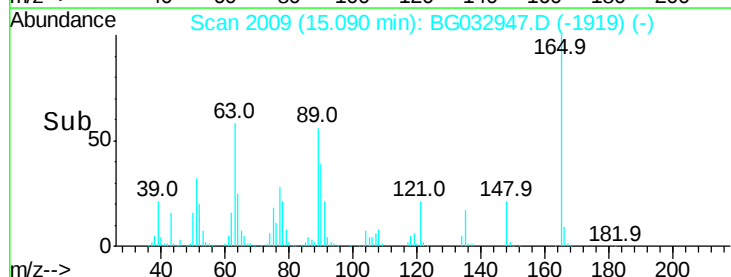
89 56.0 49.2 73.8

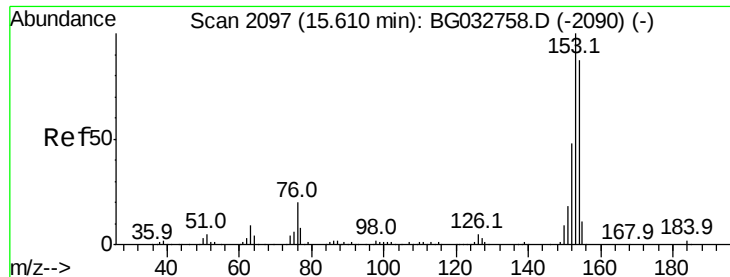


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.310 ng

RT: 15.61 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

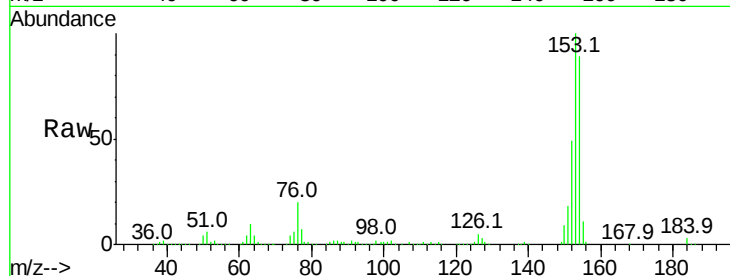
Tot Ion:154 Resp: 437813

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

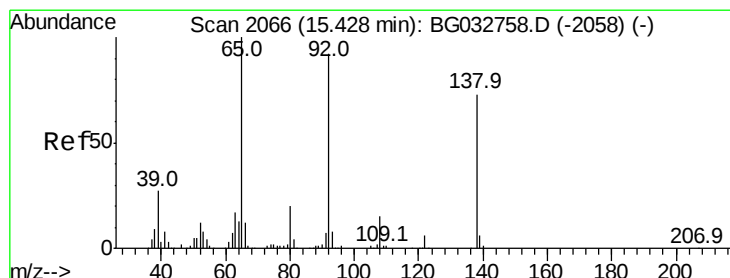
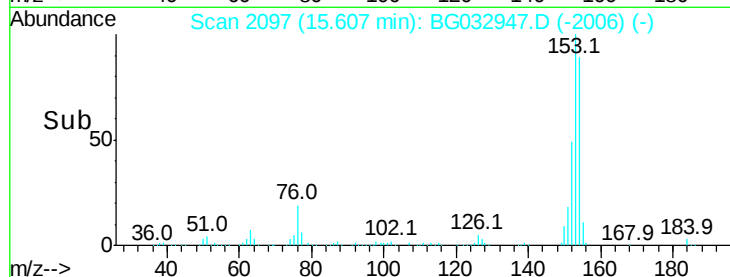
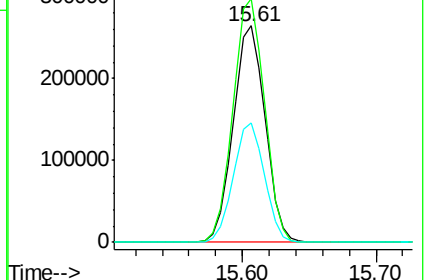
152 55.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.316 ng

RT: 15.42 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

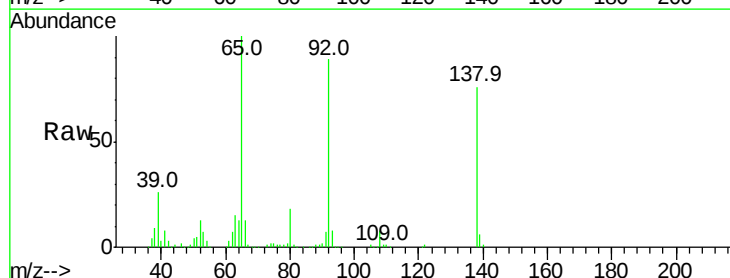
Tgt Ion:138 Resp: 133735

Ion Ratio Lower Upper

138 100

108 10.1 17.5 26.3#

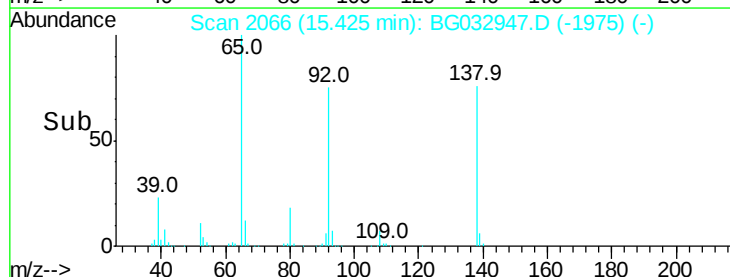
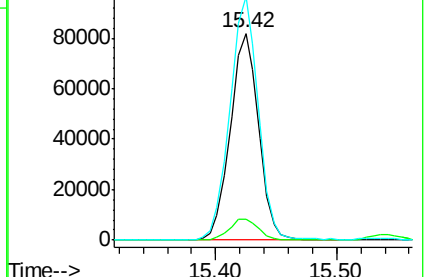
92 117.6 105.8 158.8

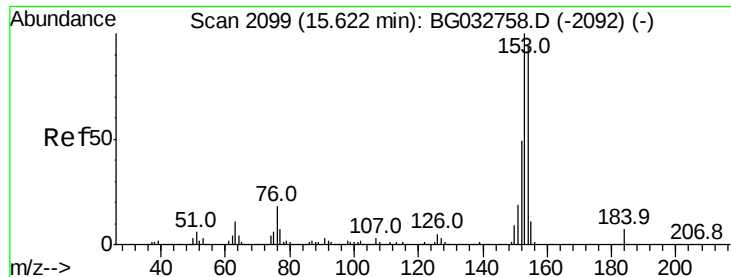


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

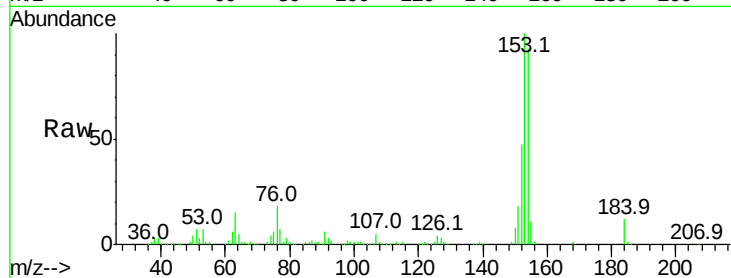




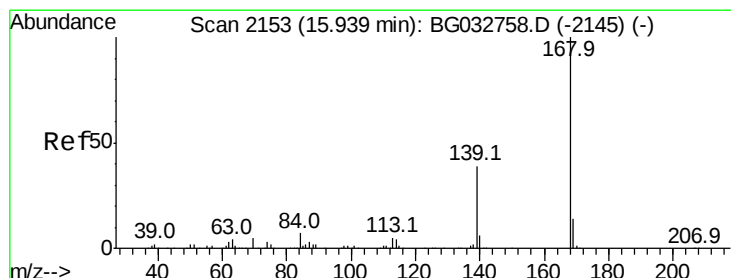
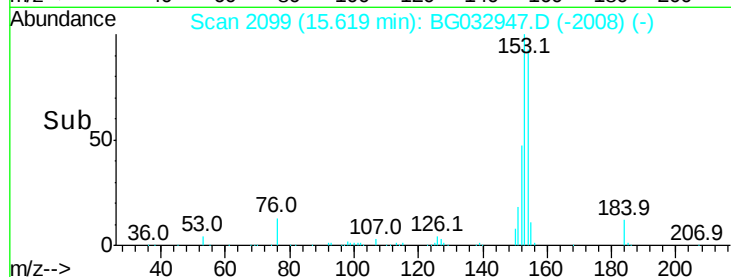
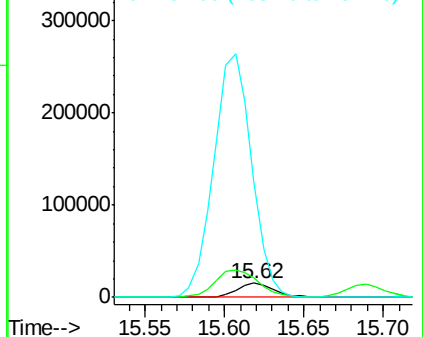
#53
 2,4-Dinitrophenol
 Concen: 41.755 ng
 RT: 15.62 min Scan# 2099
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 26155
 Ion Ratio Lower Upper
 184 100
 63 134.3 59.8 89.8#
 154 808.1 101.8 152.8#

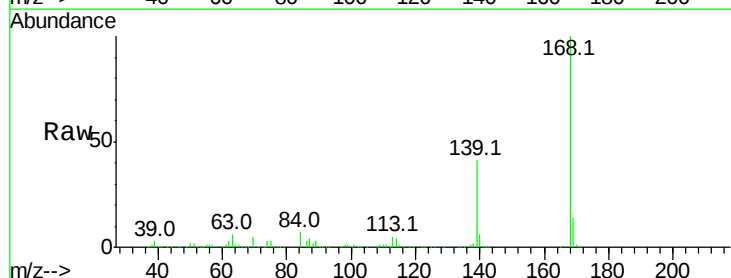


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

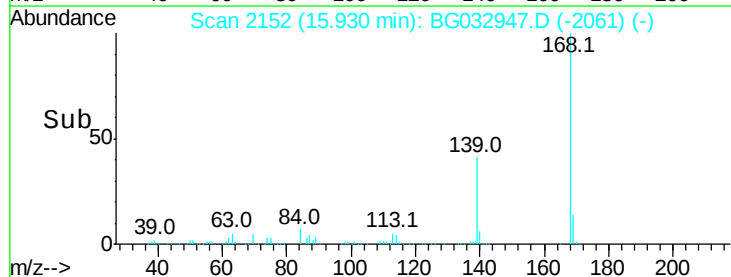
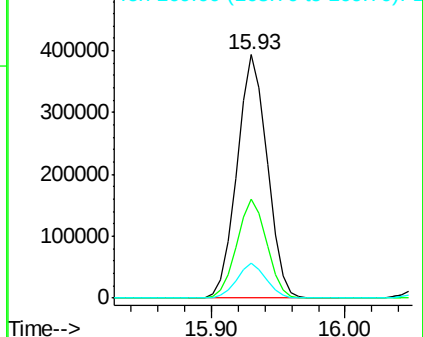


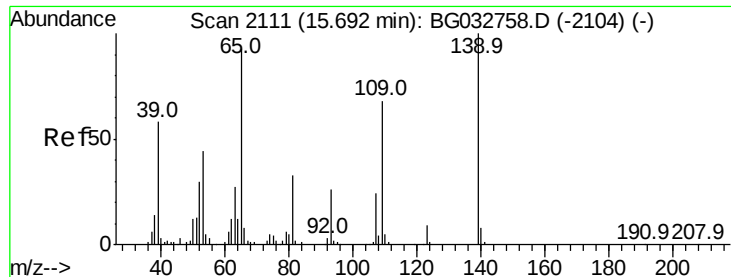
#54
 Dibenzofuran
 Concen: 36.744 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion:168 Resp: 613938
 Ion Ratio Lower Upper
 168 100
 139 40.6 28.6 43.0
 169 14.4 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

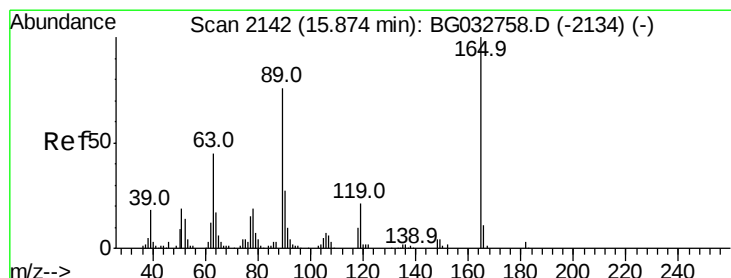
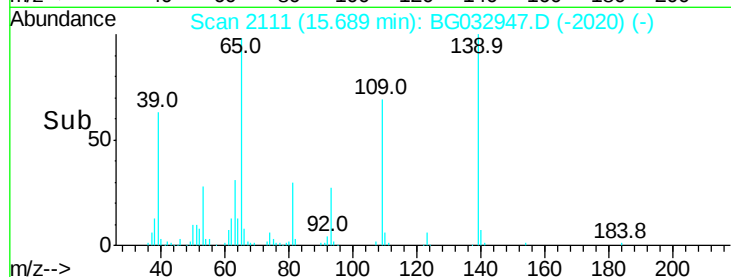
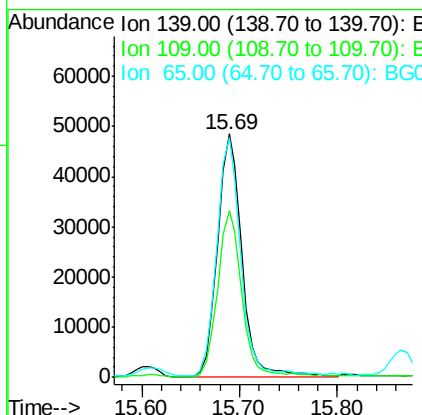
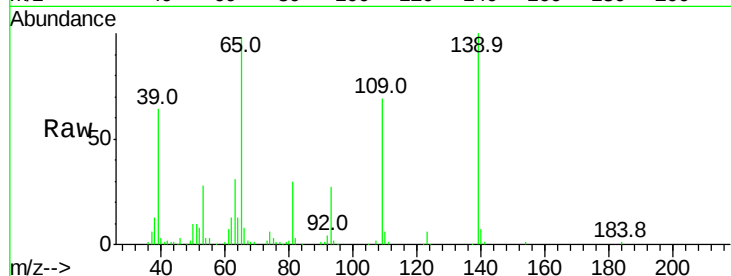




#55
4-Nitrophenol
Concen: 38.622 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

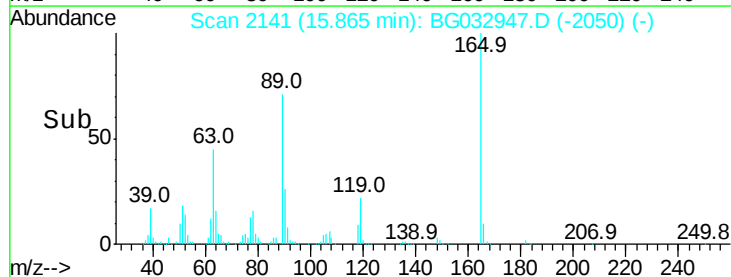
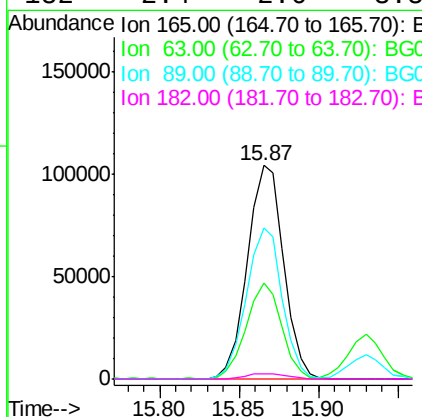
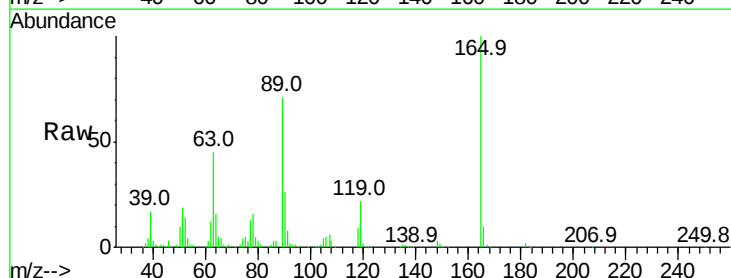
Instrument :
BNA_G
ClientSampleId :

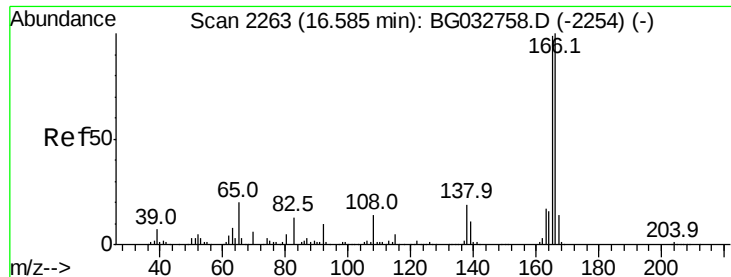
Tot Ion:139 Resp: 84828
Ion Ratio Lower Upper
139 100
109 68.6 62.2 102.2
65 98.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 54.931 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:165 Resp: 165215
Ion Ratio Lower Upper
165 100
63 44.7 42.0 63.0
89 70.9 66.9 100.3
182 2.4 2.6 3.8#

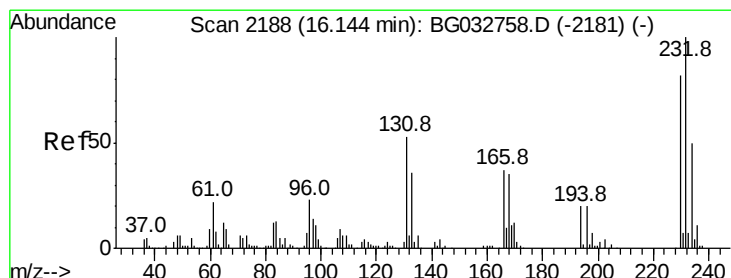
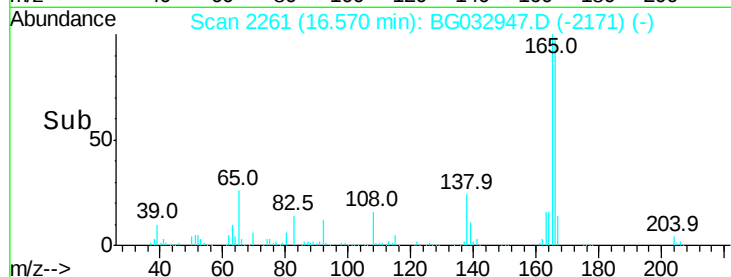
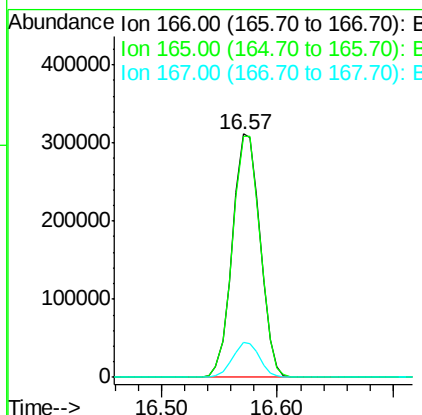
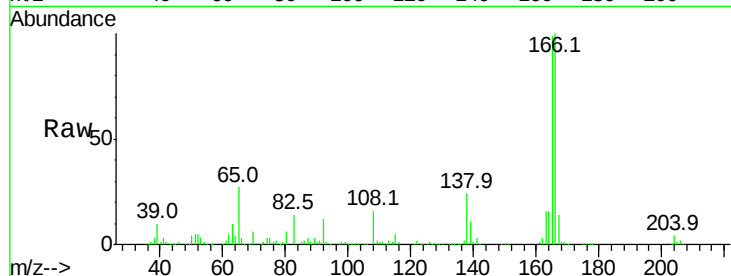




#57
 Fluorene
 Concen: 37.392 ng
 RT: 16.57 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

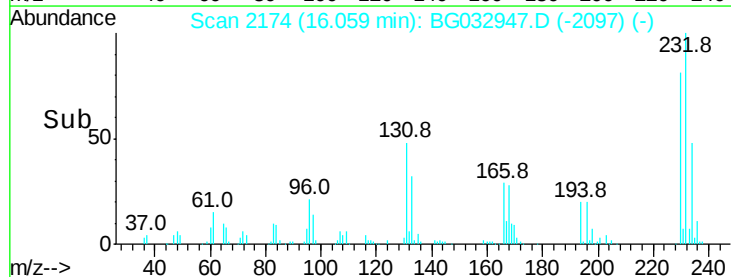
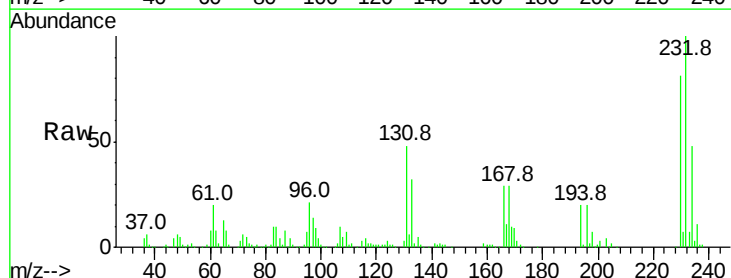
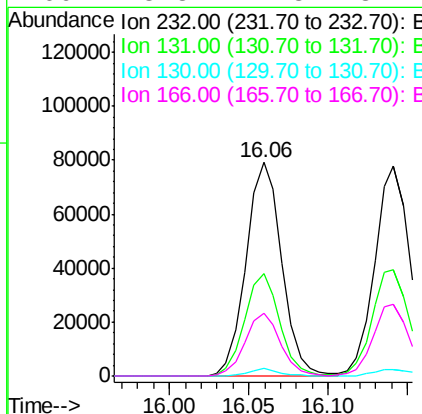
Instrument :
 BNA_G
 ClientSampleId :

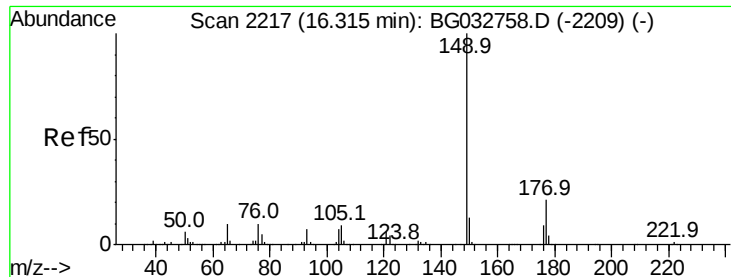
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.6	121.0
167	14.1	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.820 ng
 RT: 16.06 min Scan# 2174
 Delta R.T. -0.08 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.5	33.5	50.3
130	2.9	2.2	3.2
166	28.8	24.8	37.2





#59

Diethylphthalate

Concen: 36.916 ng

RT: 16.30 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampled :

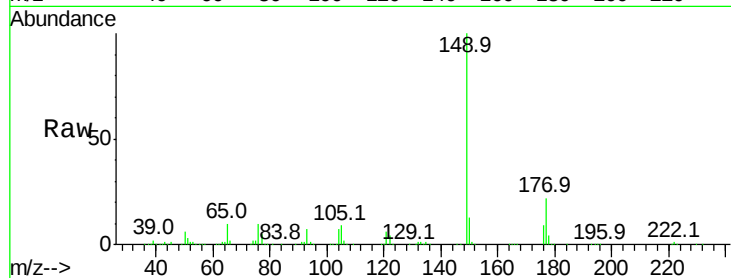
Tot Ion:149 Resp: 582884

Ion Ratio Lower Upper

149 100

177 21.6 18.5 27.7

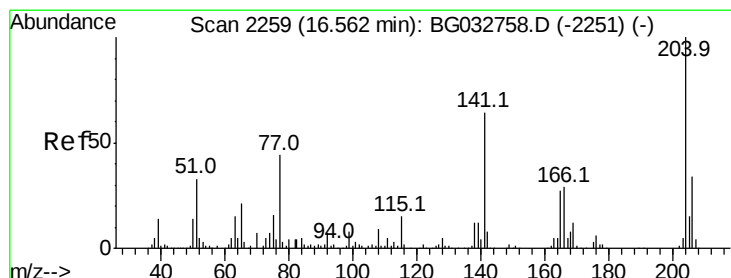
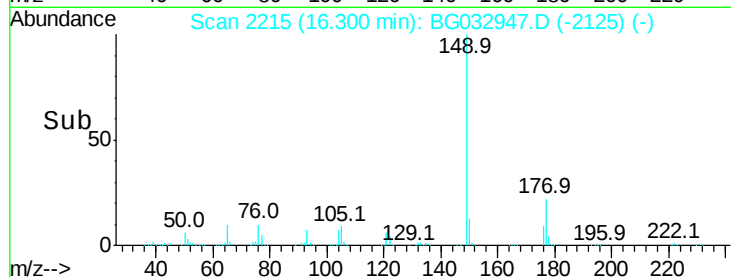
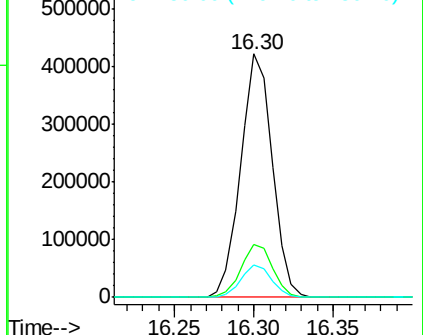
150 13.1 10.2 15.2



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: 36.956 ng

RT: 16.55 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

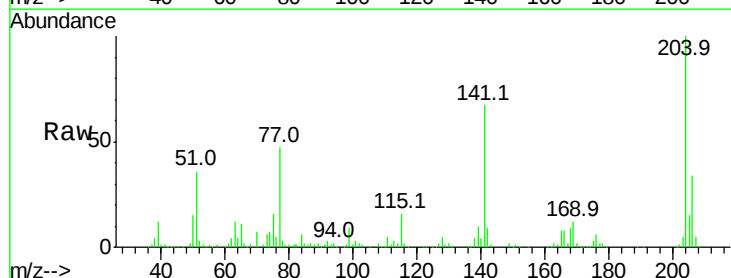
Tgt Ion:204 Resp: 249309

Ion Ratio Lower Upper

204 100

206 33.6 26.2 39.2

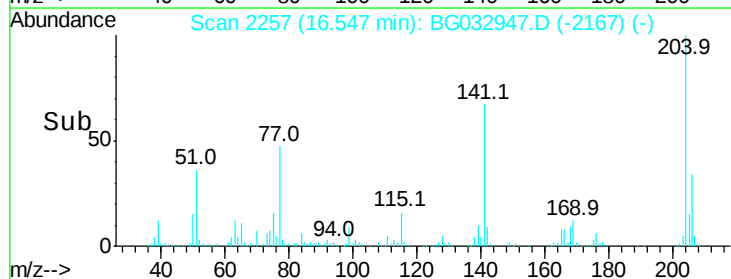
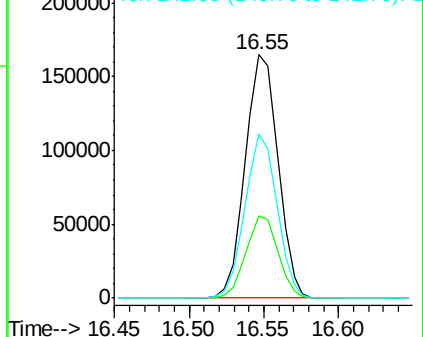
141 67.3 45.8 68.6

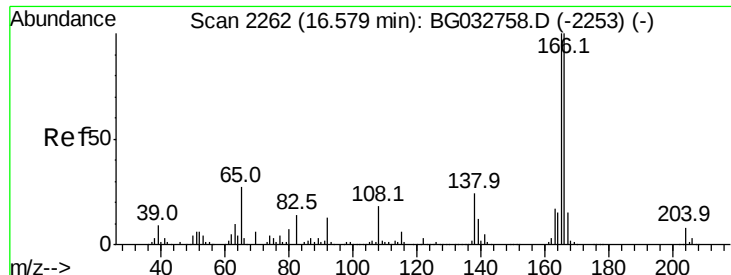


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

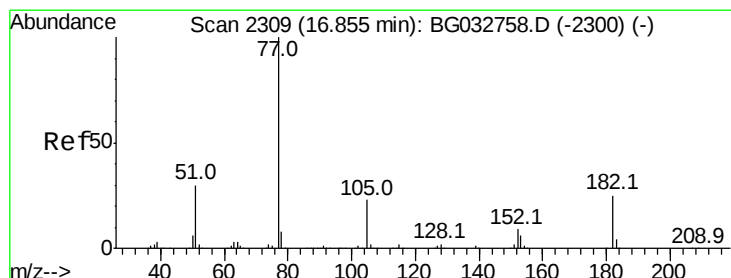
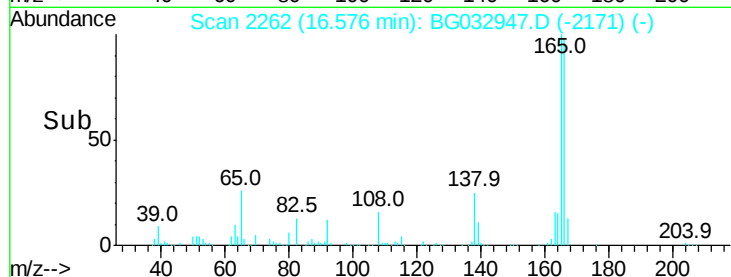
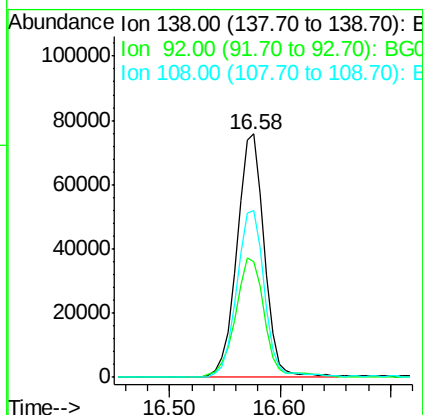
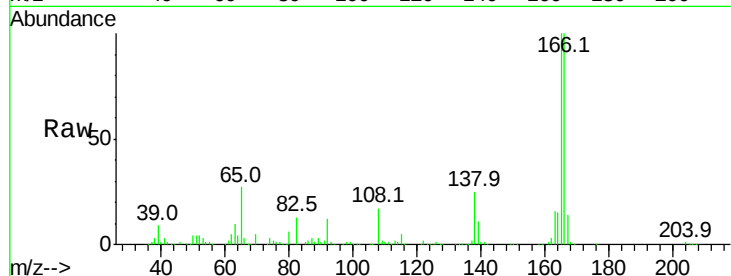




#61
4-Nitroaniline
Concen: 41.672 ng
RT: 16.58 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

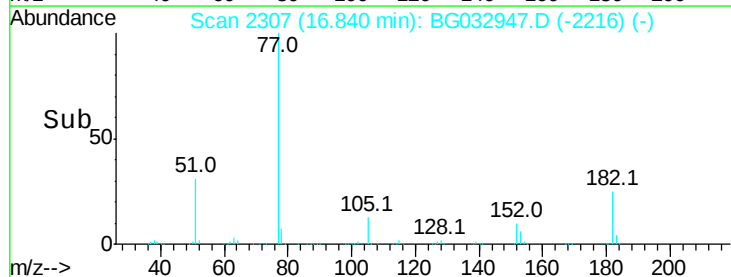
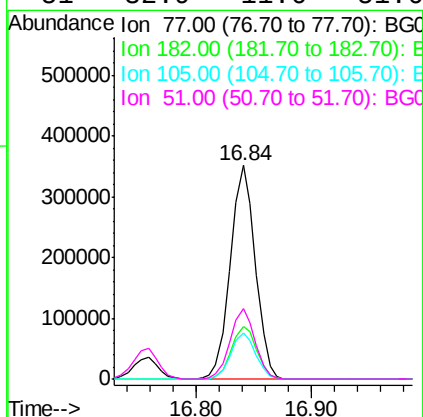
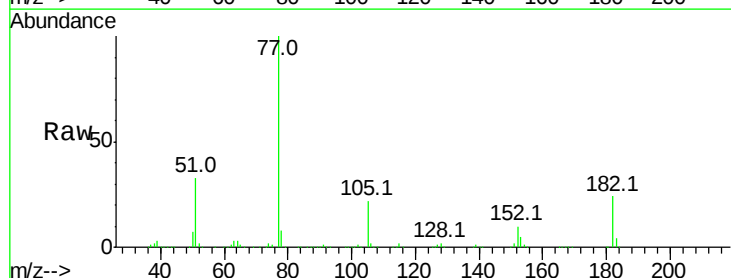
Instrument :
BNA_G
ClientSampled :

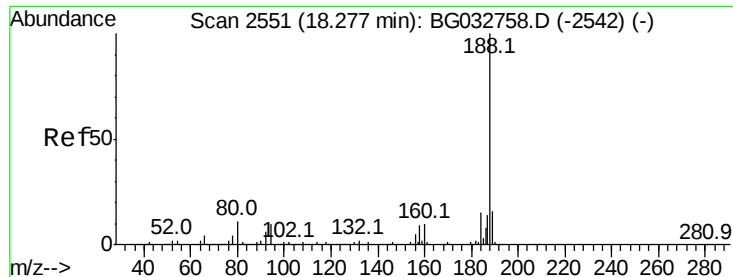
Tot Ion:138 Resp: 132505
Ion Ratio Lower Upper
138 100
92 47.6 40.1 80.1
108 68.4 65.4 105.4



#62
Azobenzene
Concen: 37.070 ng
RT: 16.84 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion: 77 Resp: 523621
Ion Ratio Lower Upper
77 100
182 24.3 7.4 47.4
105 21.7 0.3 40.3
51 32.9 11.6 51.6

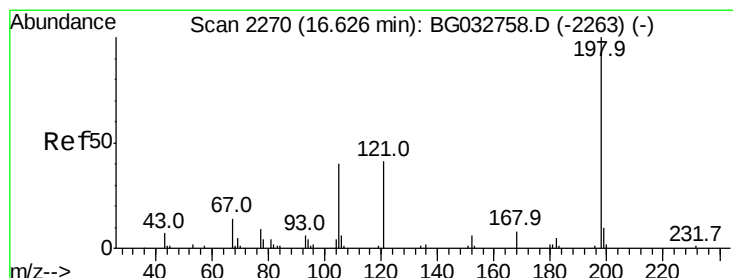
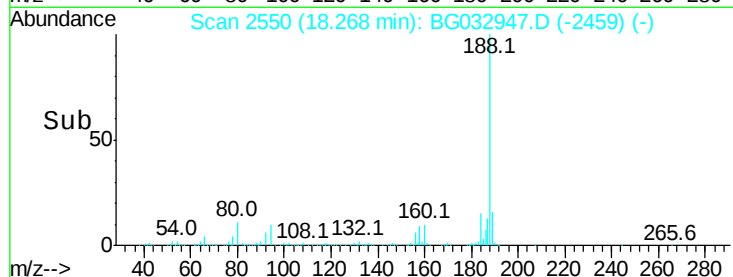
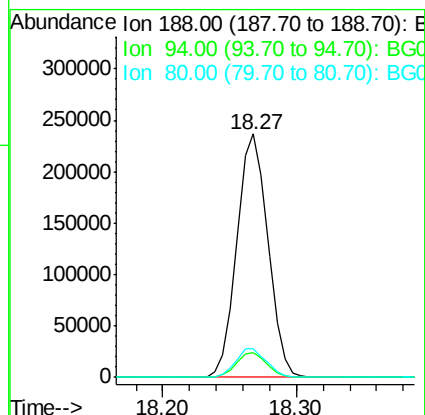
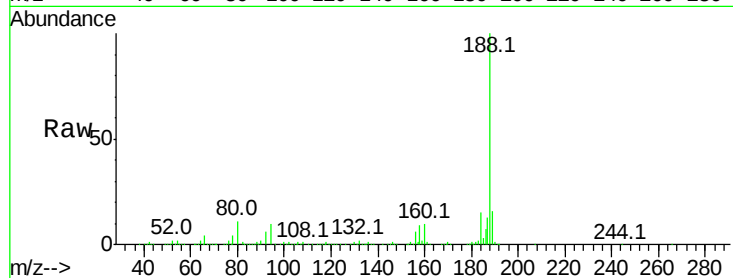




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

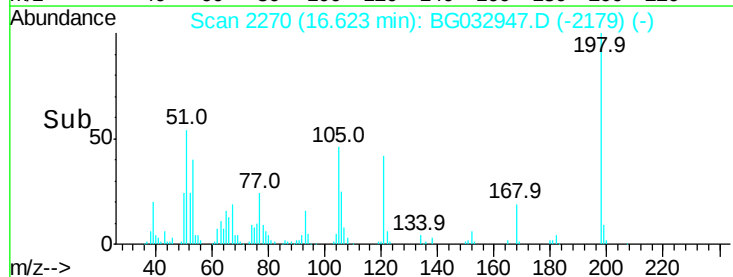
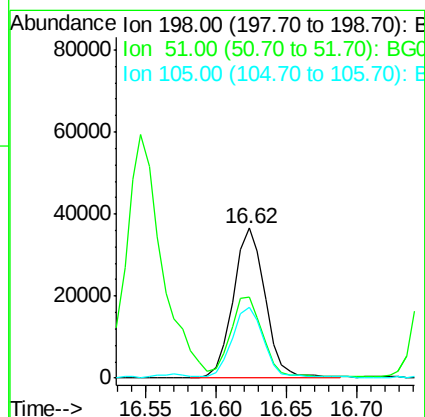
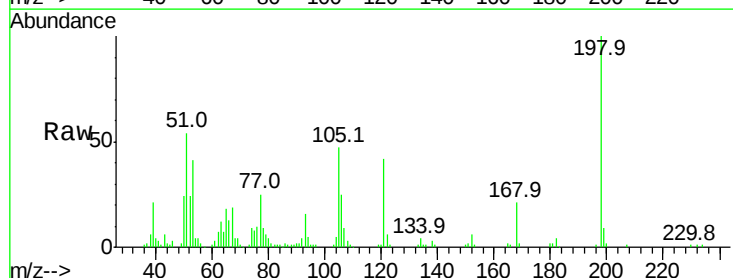
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 380807
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.5 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 51.031 ng
RT: 16.62 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:198 Resp: 58017
Ion Ratio Lower Upper
198 100
51 54.2 30.6 70.6
105 46.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 37.504 ng

RT: 16.76 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

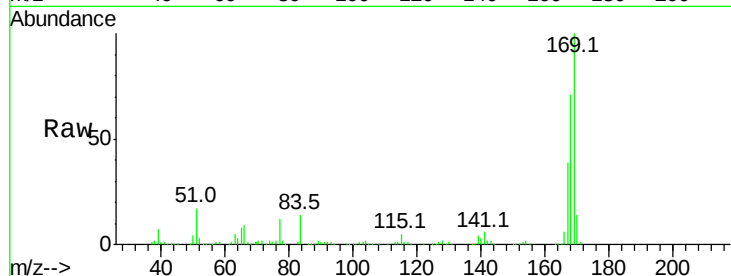
Tot Ion:169 Resp: 464612

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

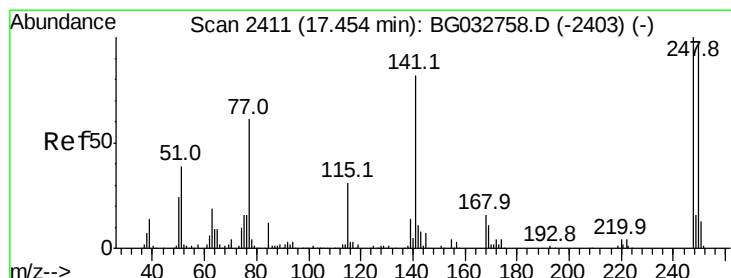
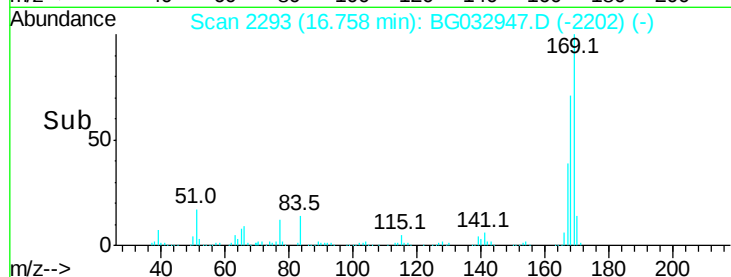
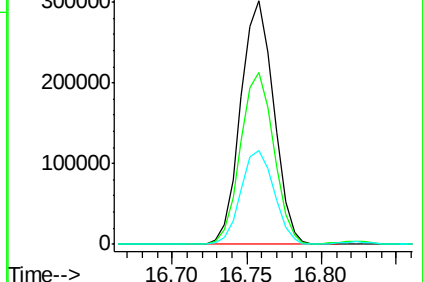
167 38.6 30.1 45.1



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: 35.121 ng

RT: 17.44 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

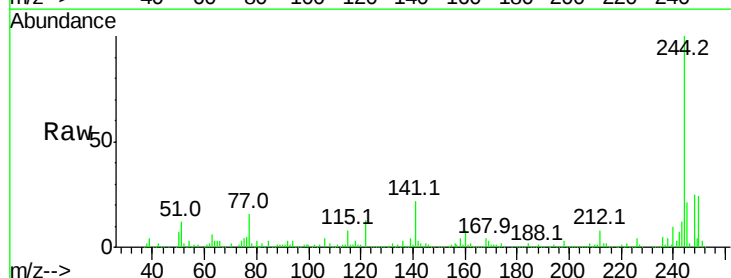
Tgt Ion:248 Resp: 141420

Ion Ratio Lower Upper

248 100

250 95.0 77.1 115.7

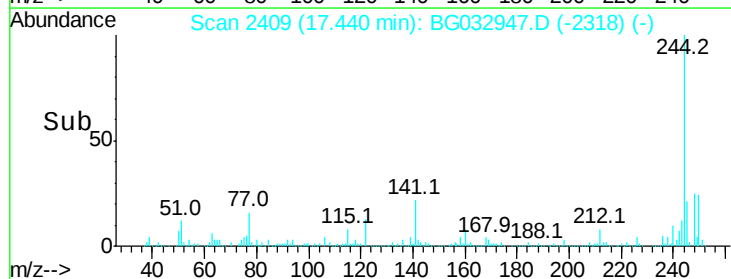
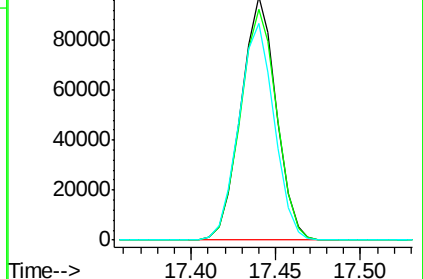
141 89.1 50.8 76.2#

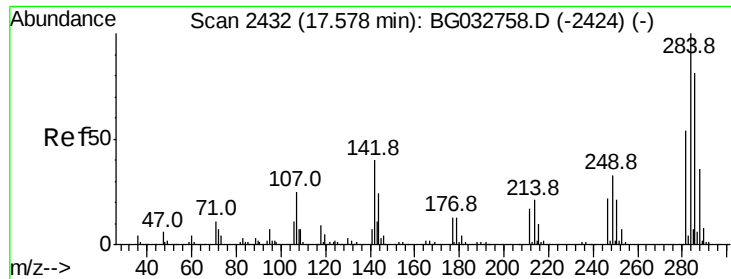


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.004 ng

RT: 17.57 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

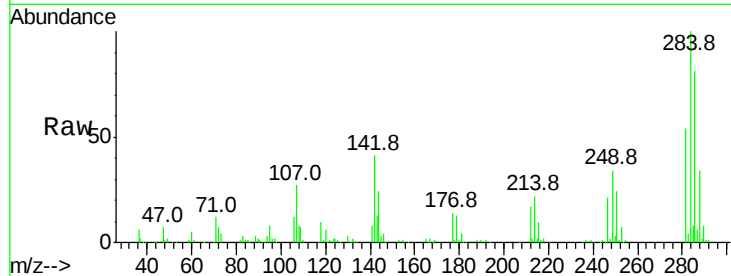
Tot Ion:284 Resp: 156666

Ion Ratio Lower Upper

284 100

142 41.2 26.8 40.2#

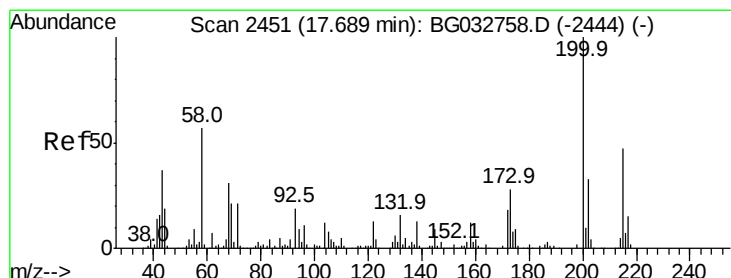
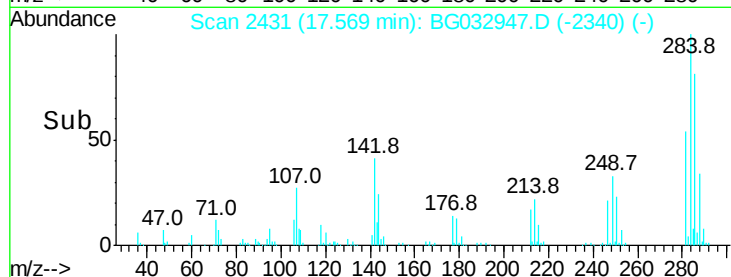
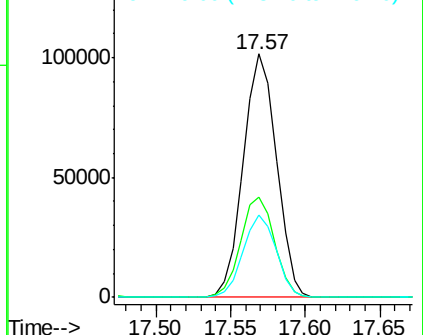
249 33.6 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.061 ng

RT: 17.67 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

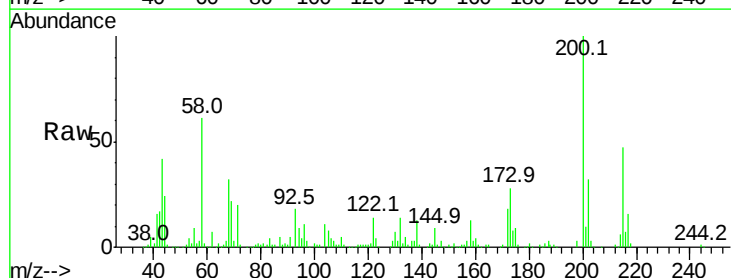
Tgt Ion:200 Resp: 147046

Ion Ratio Lower Upper

200 100

173 28.0 5.2 45.2

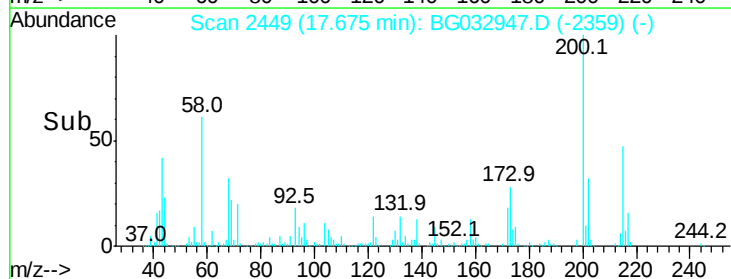
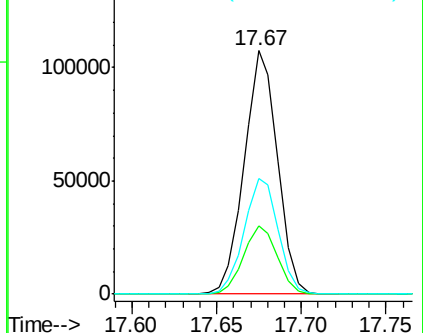
215 47.4 30.4 70.4

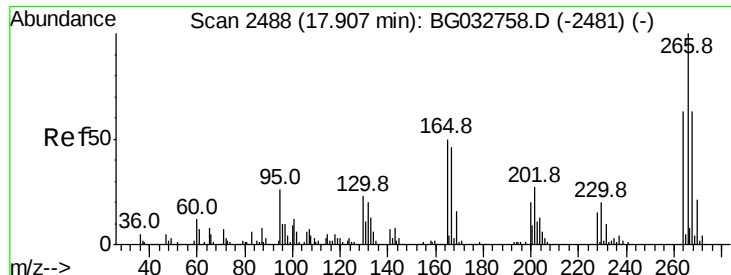


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

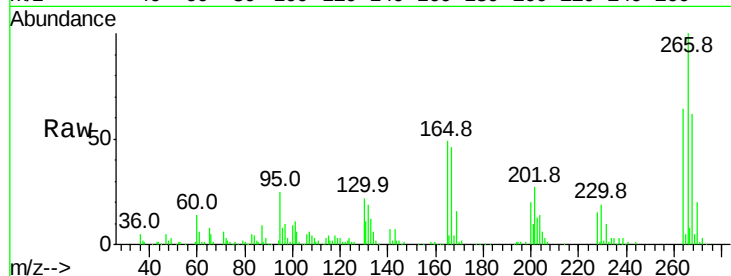




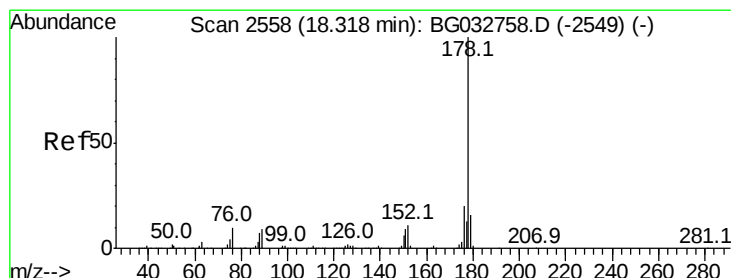
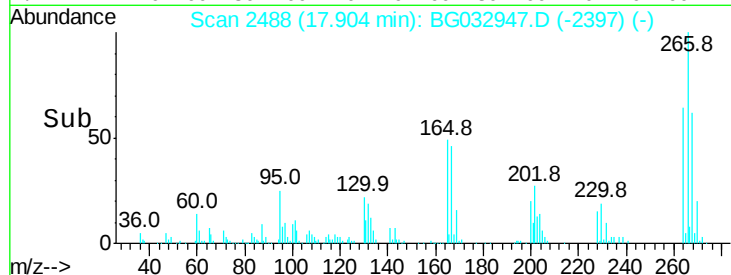
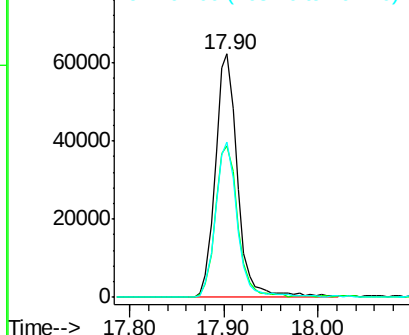
#69
 Pentachlorophenol
 Concen: 37.708 ng
 RT: 17.90 min Scan# 2488
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 103354
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 63.7 49.6 74.4

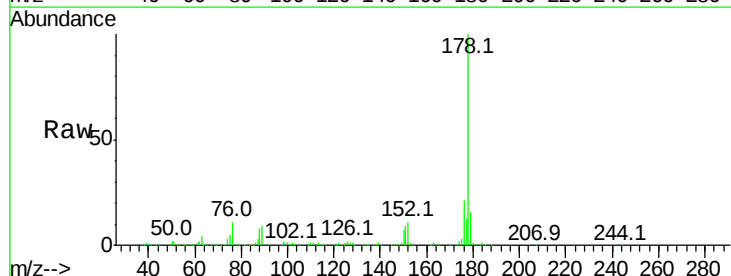


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

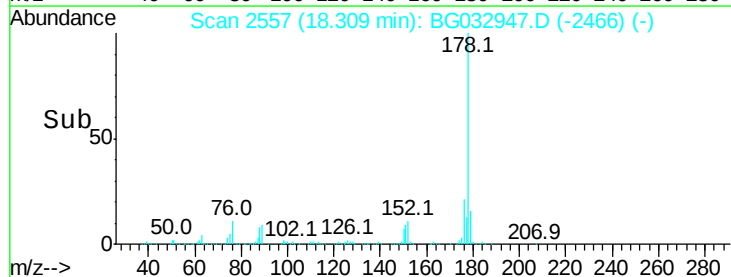
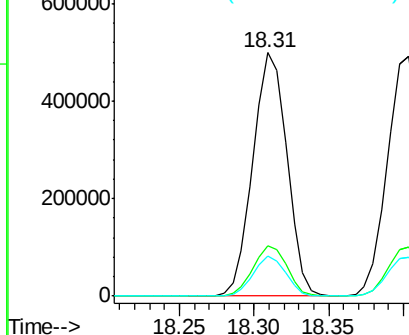


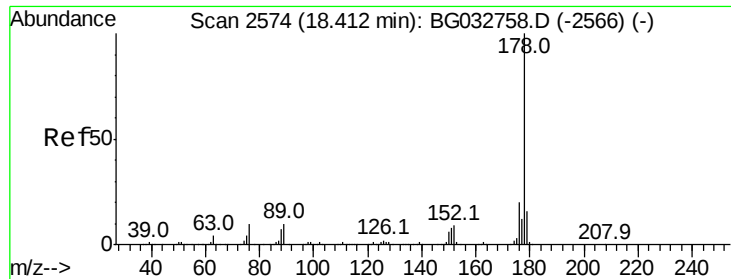
#70
 Phenanthrene
 Concen: 37.102 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion:178 Resp: 788247
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.7 23.5
 179 16.3 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: 37.186 ng

RT: 18.40 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

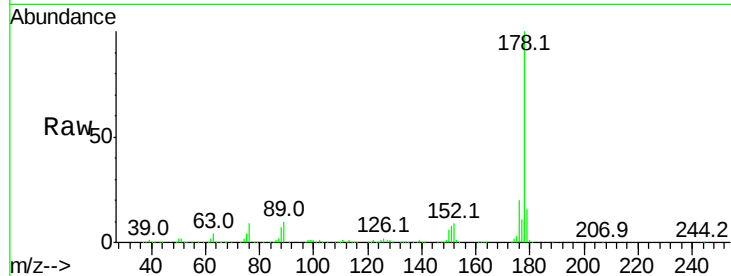
Tot Ion:178 Resp: 793136

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

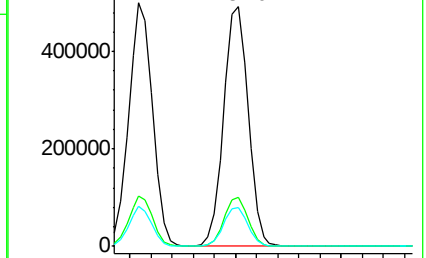
179 16.1 12.5 18.7



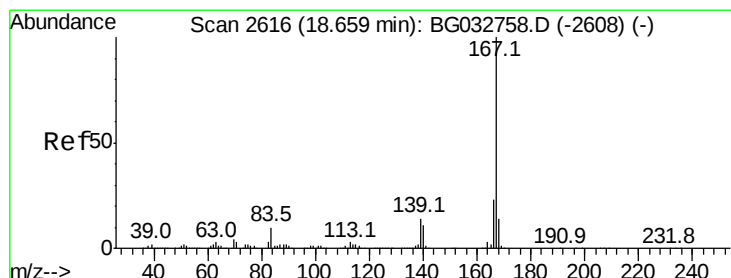
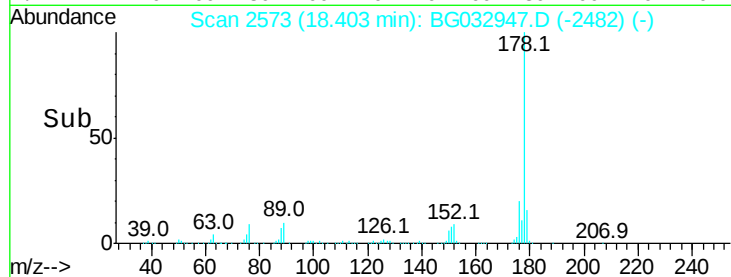
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 18.30 18.40 18.50



#72

Carbazole

Concen: 36.576 ng

RT: 18.66 min Scan# 2616

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

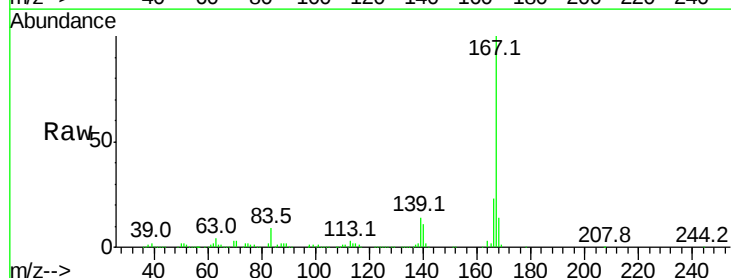
Tgt Ion:167 Resp: 768948

Ion Ratio Lower Upper

167 100

166 23.2 18.2 27.4

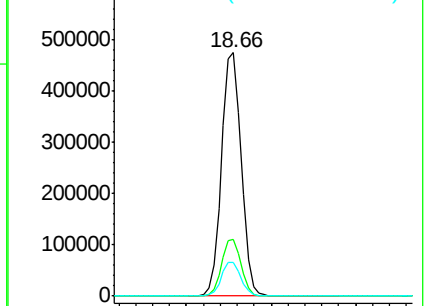
139 13.8 9.4 14.2



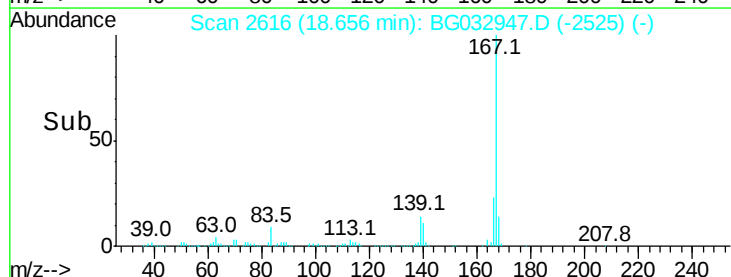
Abundance Ion 167.00 (166.70 to 167.70): E

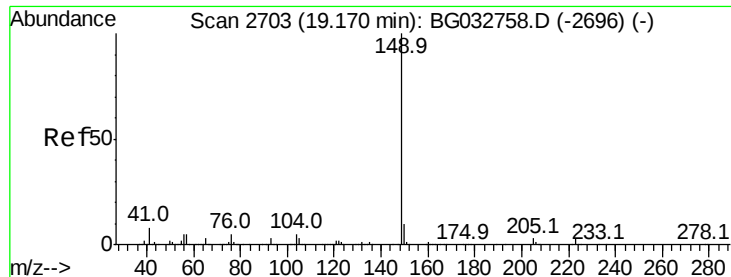
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 18.60 18.70 18.80





#73

Di-n-butylphthalate

Concen: 37.737 ng

RT: 19.15 min Scan# 2701

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

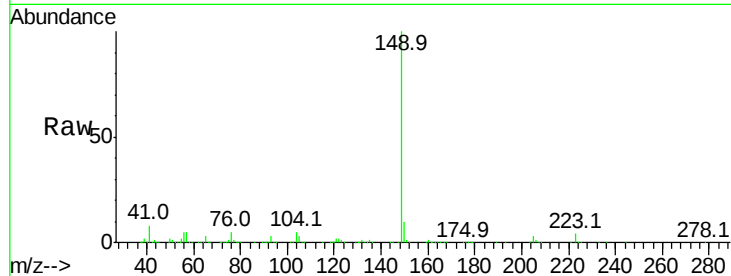
Tot Ion:149 Resp: 973299

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

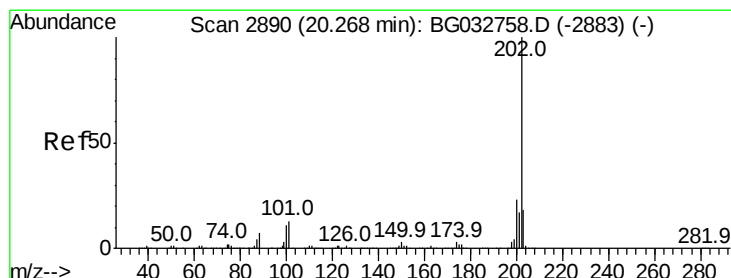
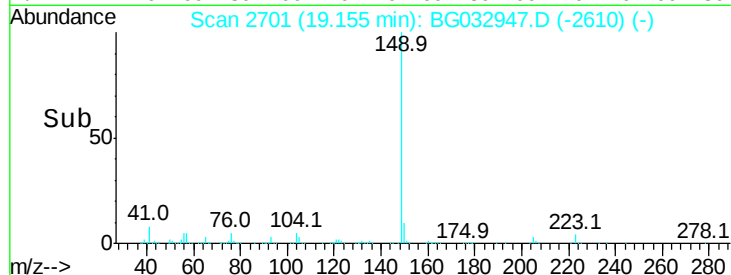
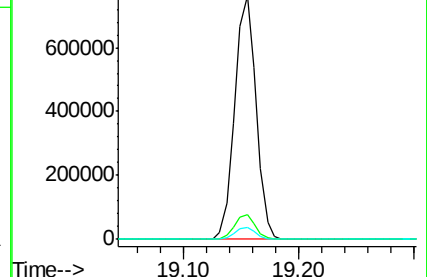
104 5.1 3.9 5.9



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: 37.221 ng

RT: 20.26 min Scan# 2889

Delta R.T. 0.01 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

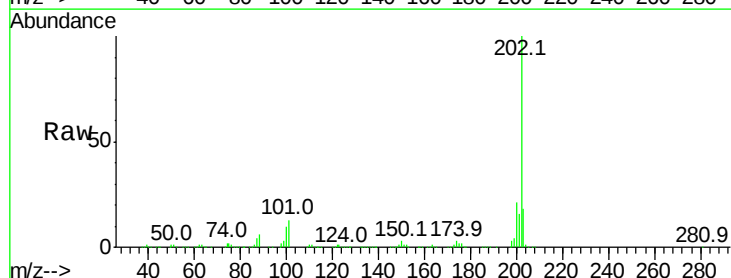
Tgt Ion:202 Resp: 873508

Ion Ratio Lower Upper

202 100

101 13.0 0.0 28.9

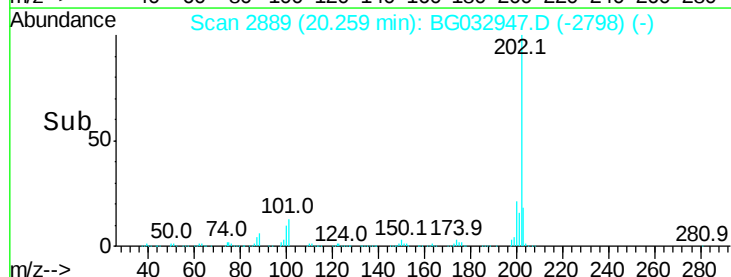
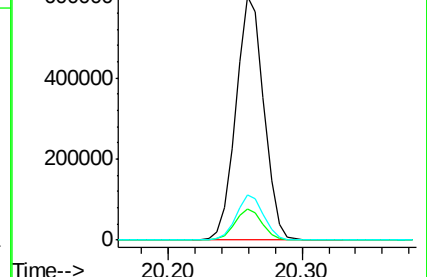
203 18.5 0.0 37.5

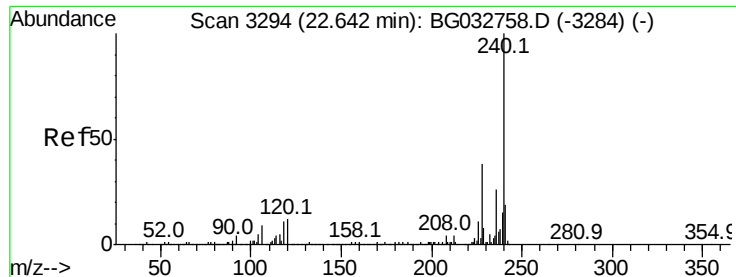


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

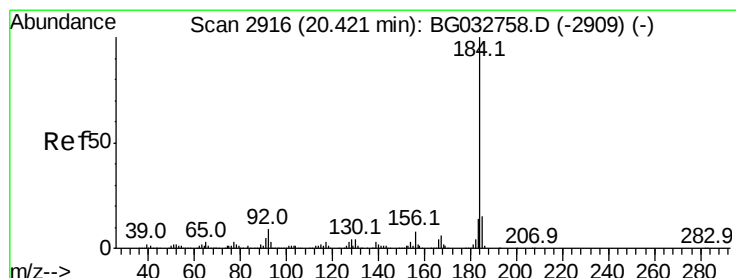
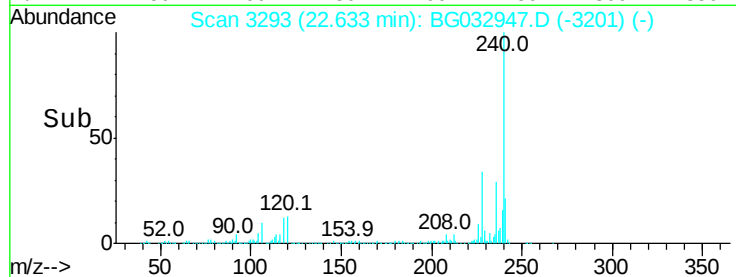
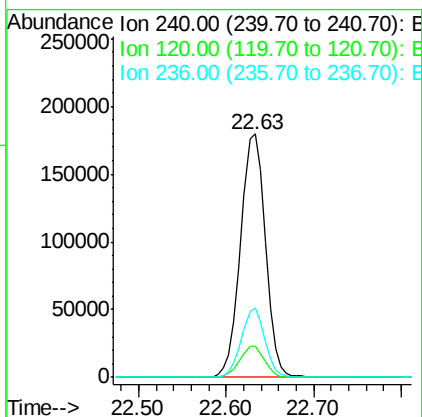
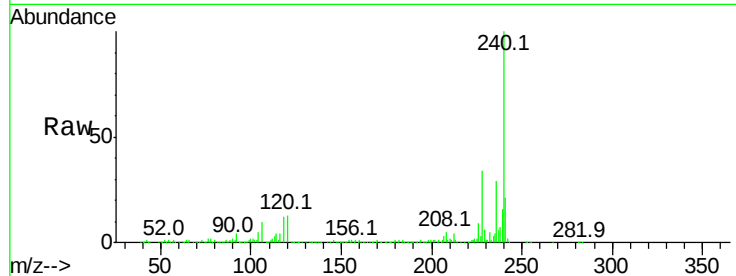




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.63 min Scan# 3293
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

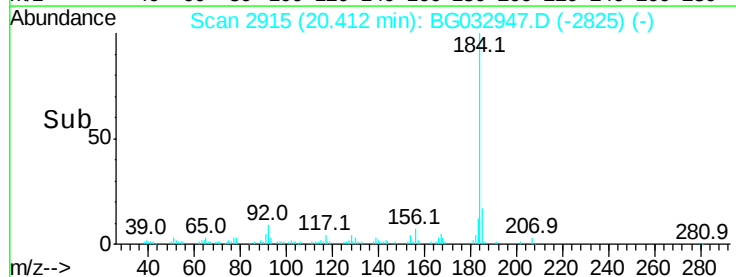
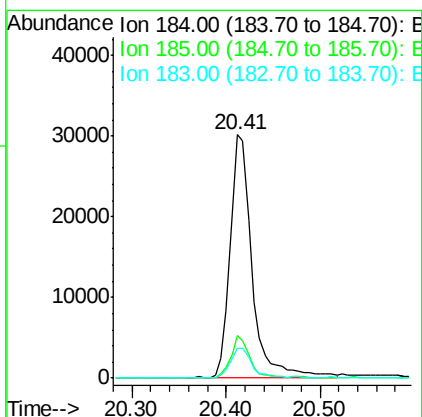
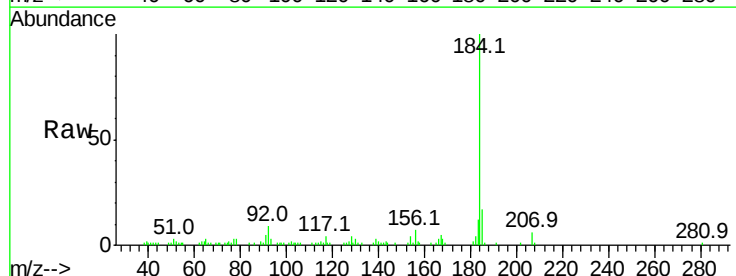
Instrument :
BNA_G
ClientSampleId :

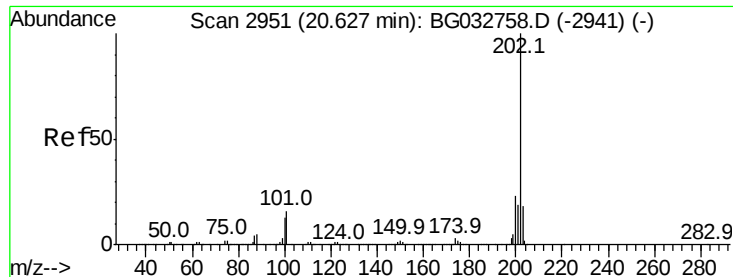
Tot Ion:240 Resp: 346122
Ion Ratio Lower Upper
240 100
120 12.5 6.8 10.2#
236 28.7 20.9 31.3



#76
Benzidine
Concen: 4.167 ng
RT: 20.41 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:184 Resp: 49163
Ion Ratio Lower Upper
184 100
185 17.4 11.1 16.7#
183 12.1 10.6 16.0

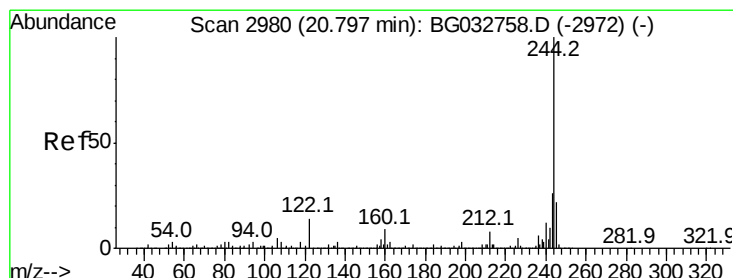
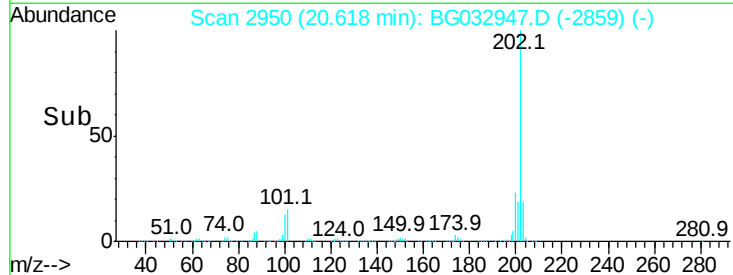
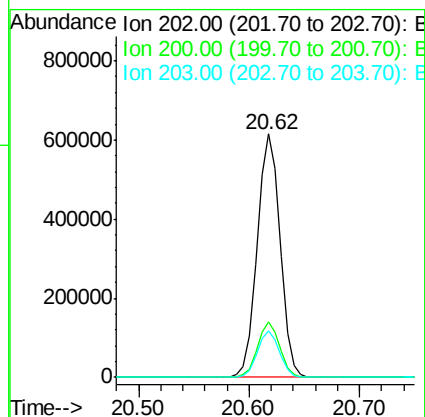
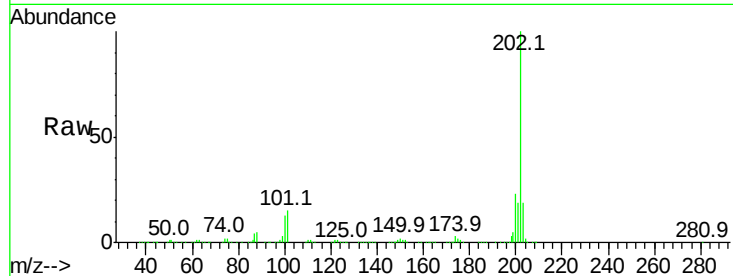




#77
Pvrene
Concen: 36.809 ng
RT: 20.62 min Scan# 2950
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

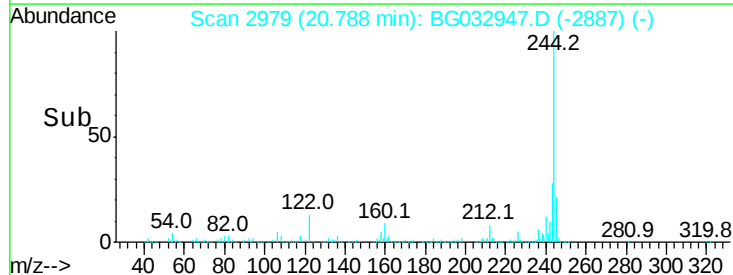
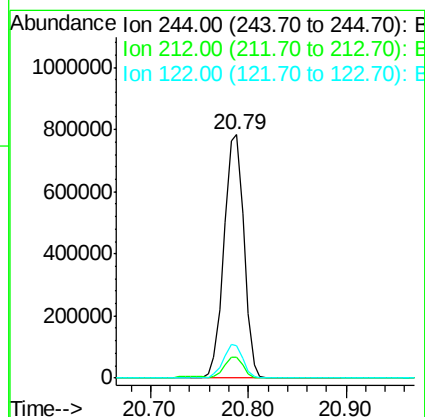
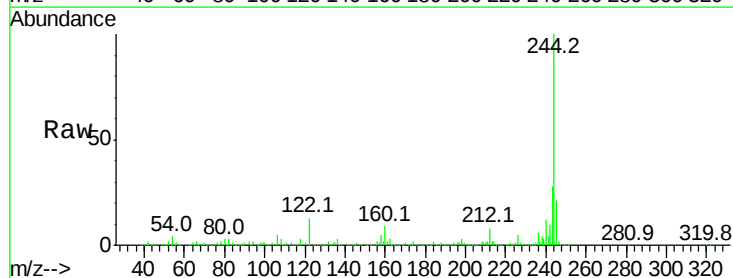
Instrument :
BNA_G
ClientSampleId :

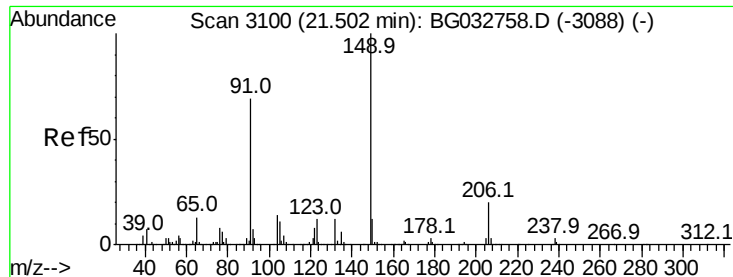
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.9	25.3
203	19.0	13.9	20.9



#78
Terphenyl-d14
Concen: 71.819 ng
RT: 20.79 min Scan# 2979
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	13.2	7.0	10.4

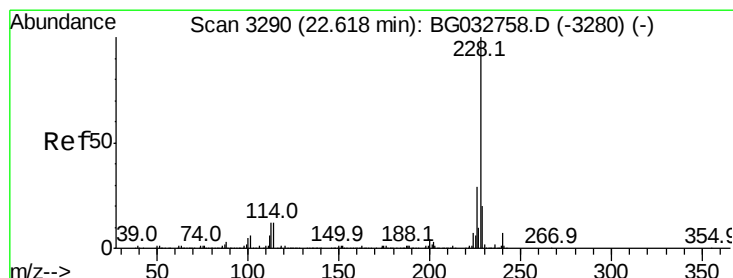
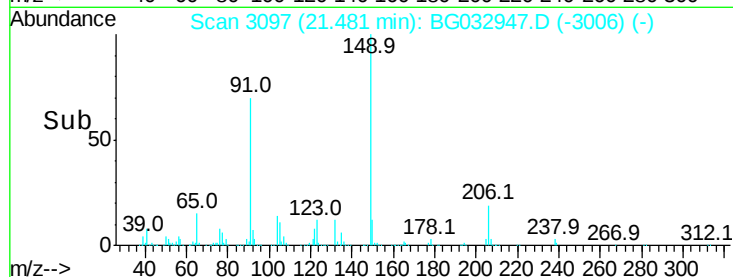
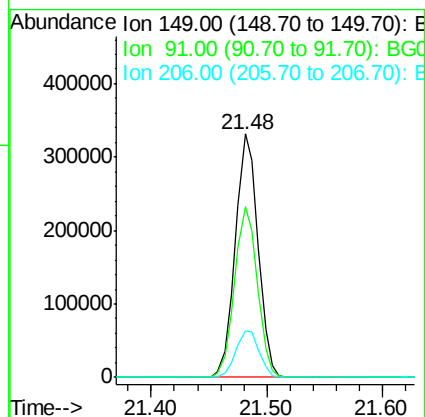
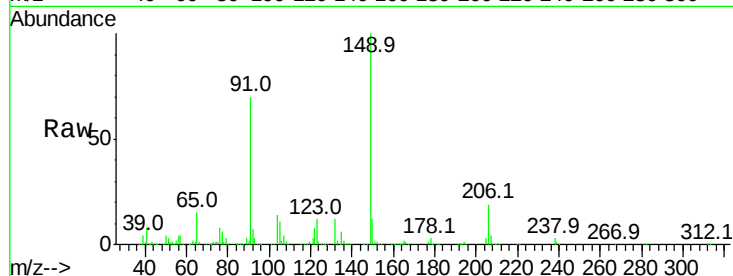




#79
Butylbenzylphthalate
Concen: 41.736 ng
RT: 21.48 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

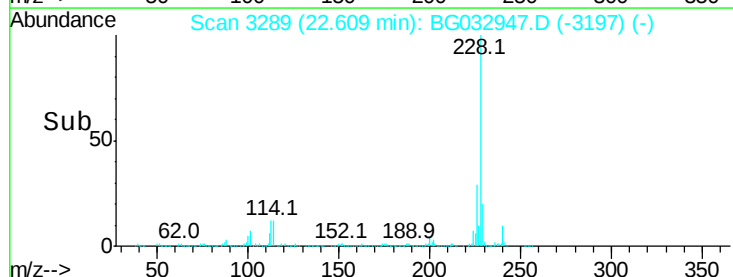
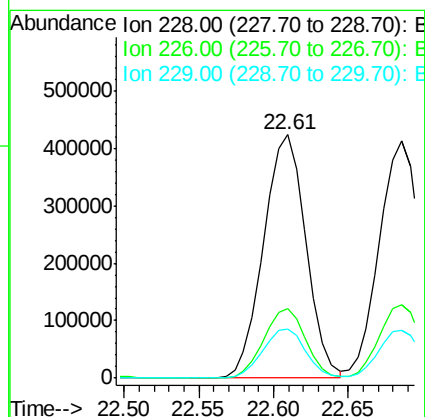
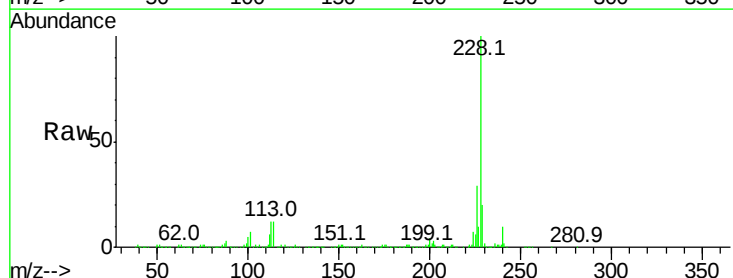
Instrument :
BNA_G
ClientSampleId :

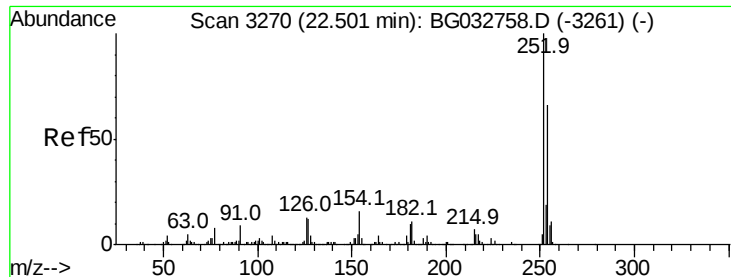
Tot Ion:149 Resp: 451670
Ion Ratio Lower Upper
149 100
91 70.3 62.2 93.2
206 19.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 37.676 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.01 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:228 Resp: 836223
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 20.4 16.2 24.2

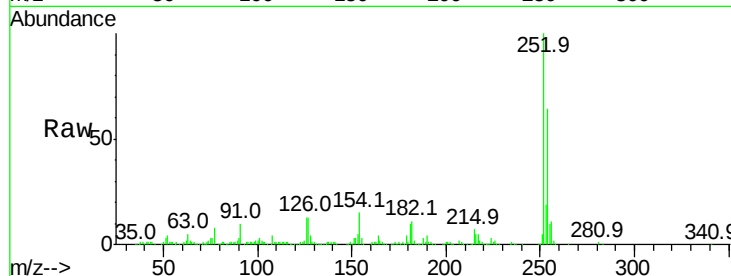




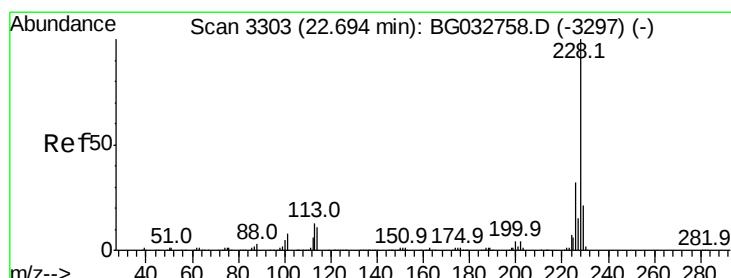
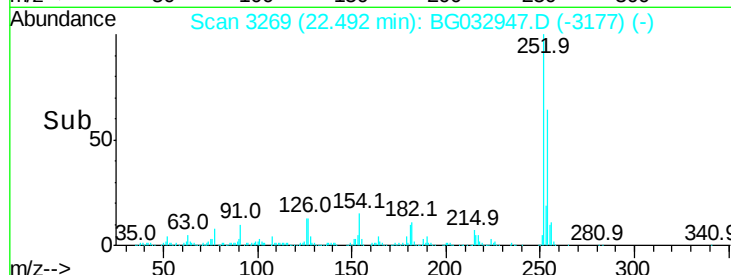
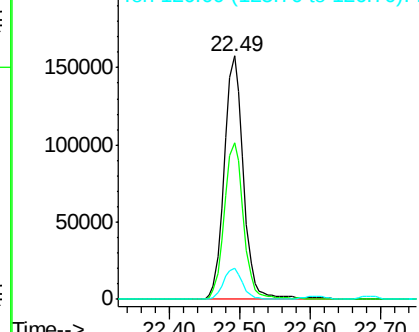
#81
 3,3'-Dichlorobenzidine
 Concen: 36.504 ng
 RT: 22.49 min Scan# 3269
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 300073
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.8 76.2
 126 12.8 7.4 11.2#

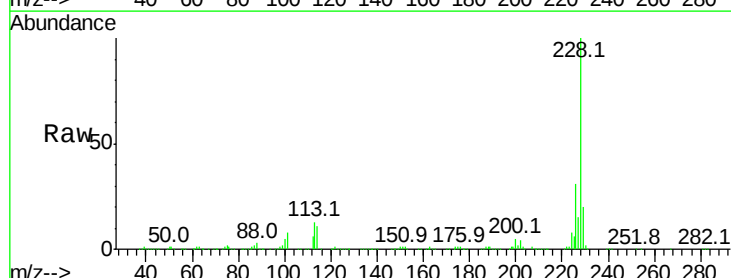


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

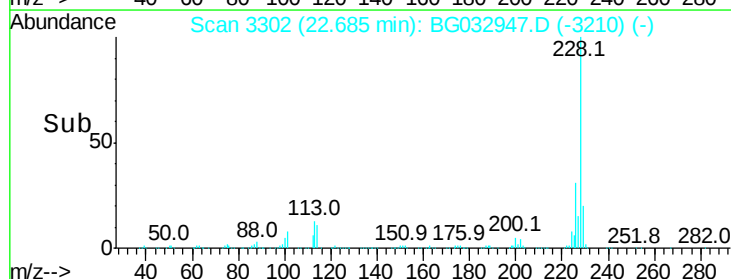
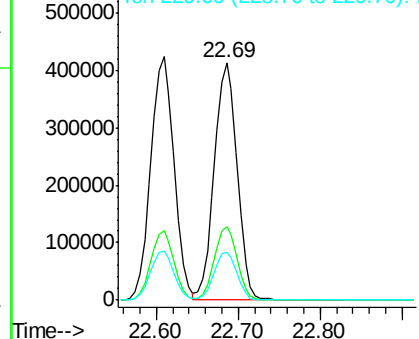


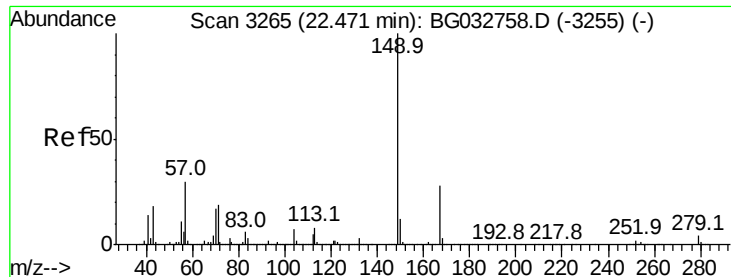
#82
 Chrysene
 Concen: 37.822 ng
 RT: 22.69 min Scan# 3302
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion:228 Resp: 801905
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 20.2 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

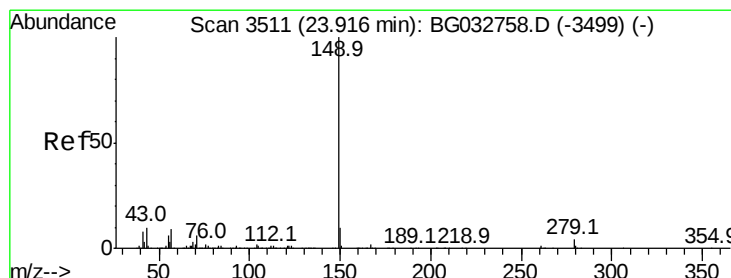
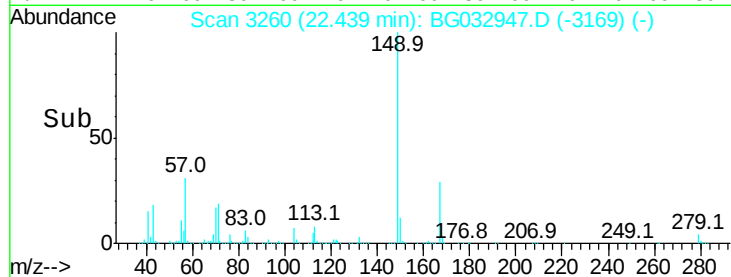
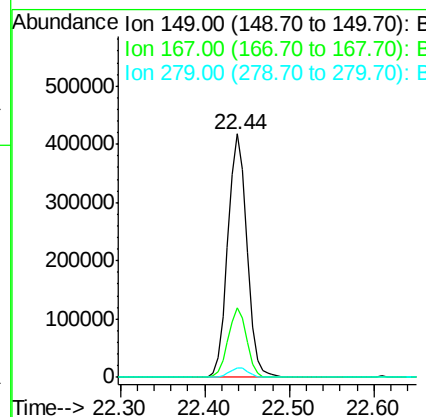
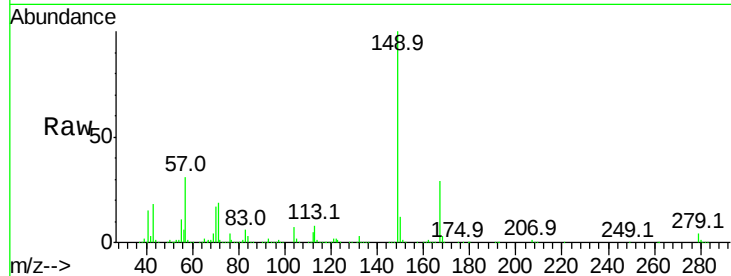




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.748 ng
 RT: 22.44 min Scan# 3260
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

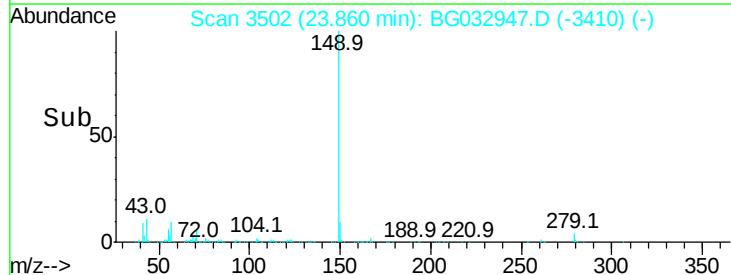
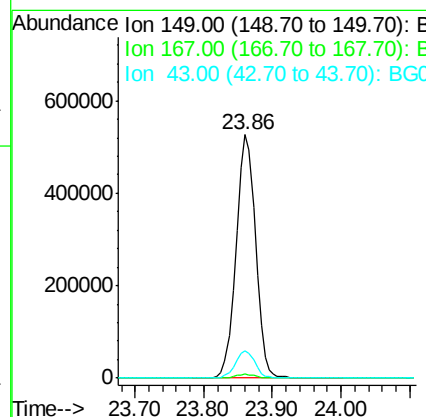
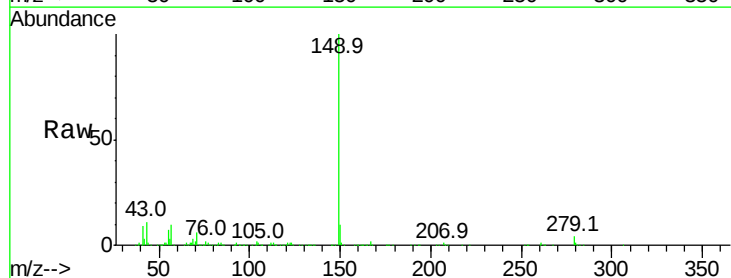
Instrument :
 BNA_G
 ClientSampleId :

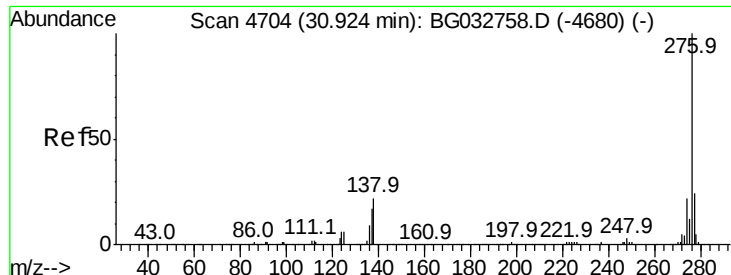
Tot Ion:149 Resp: 652754
 Ion Ratio Lower Upper
 149 100
 167 28.6 24.3 36.5
 279 3.9 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 42.338 ng
 RT: 23.86 min Scan# 3502
 Delta R.T. 0.01 min
 Lab File: BG032947.D
 Acq: 2 Mar 2018 16:01

Tgt Ion:149 Resp: 1033764
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 11.0 8.9 13.3

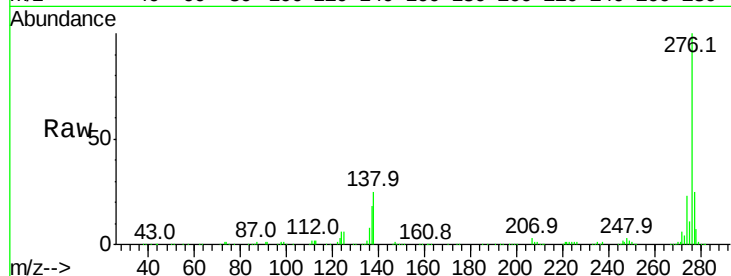




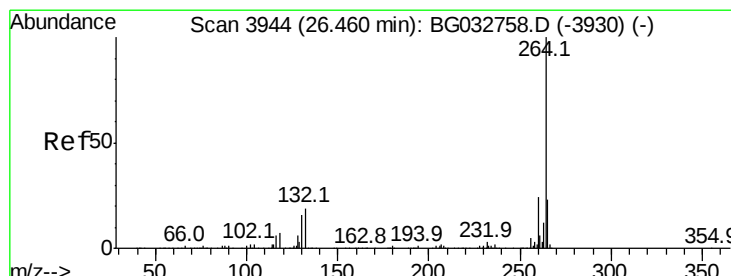
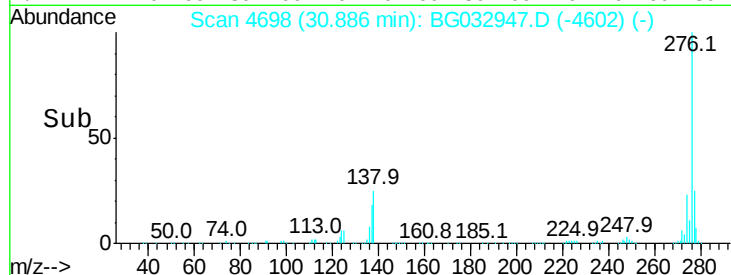
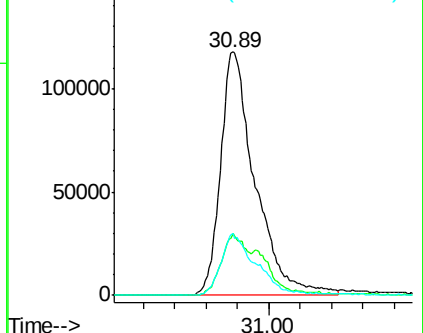
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.509 ng
RT: 30.89 min Scan# 4698
Delta R.T. 0.04 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 902729
Ion Ratio Lower Upper
276 100
138 18.6 16.0 24.0
277 25.1 20.0 30.0

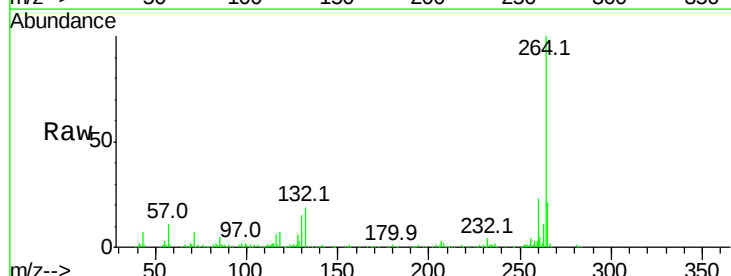


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

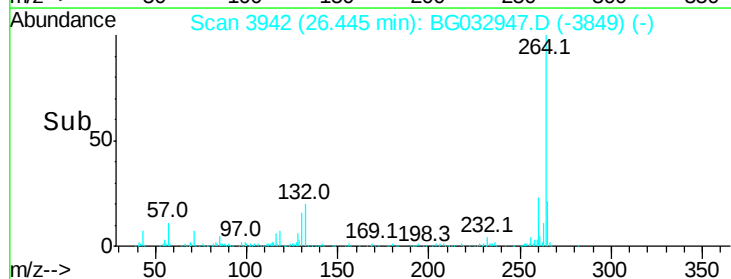
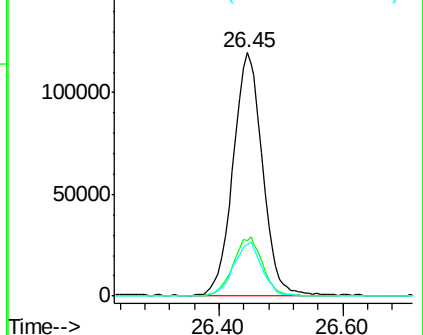


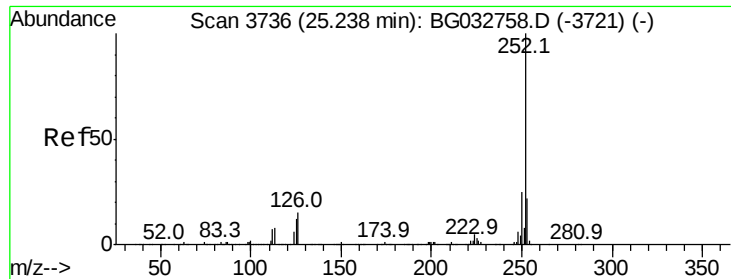
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.45 min Scan# 3942
Delta R.T. 0.02 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:264 Resp: 393719
Ion Ratio Lower Upper
264 100
260 22.7 17.4 26.0
265 21.2 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: 35.201 ng

RT: 25.22 min Scan# 3734

Delta R.T. 0.02 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

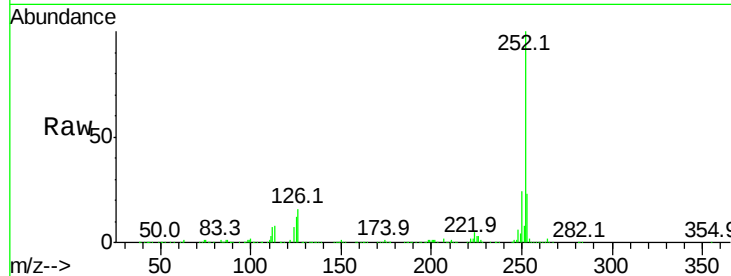
Tot Ion:252 Resp: 819468

Ion Ratio Lower Upper

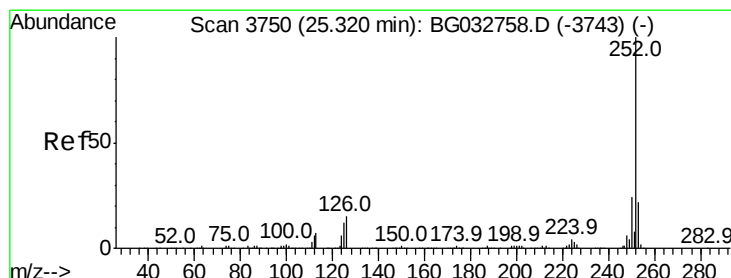
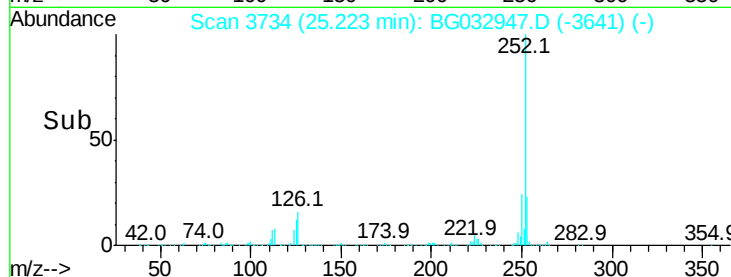
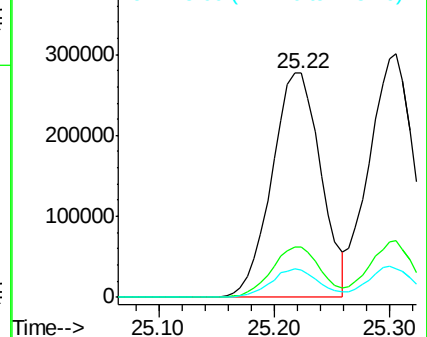
252 100

253 22.7 18.2 27.4

125 12.3 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 35.627 ng

RT: 25.31 min Scan# 3748

Delta R.T. 0.02 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

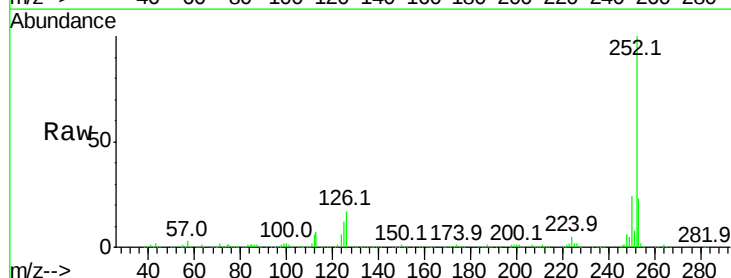
Tgt Ion:252 Resp: 824256

Ion Ratio Lower Upper

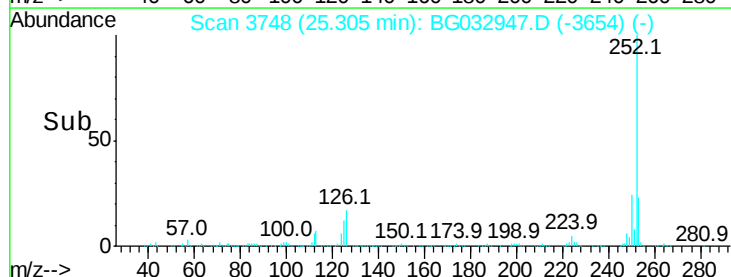
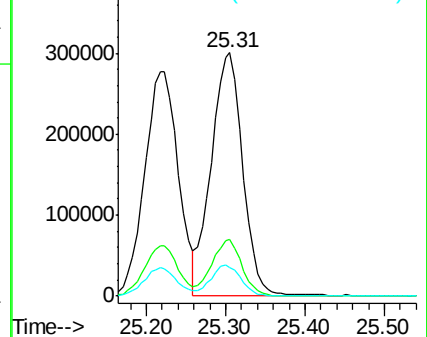
252 100

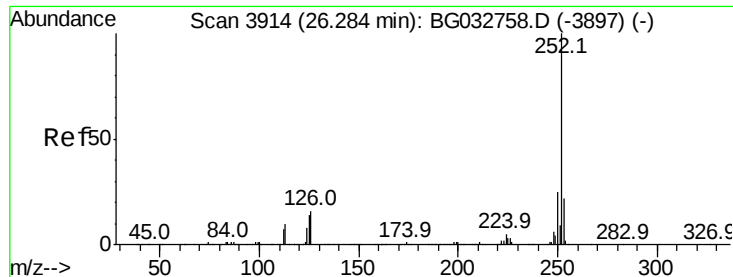
253 23.0 17.4 26.2

125 11.8 6.6 9.8#



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

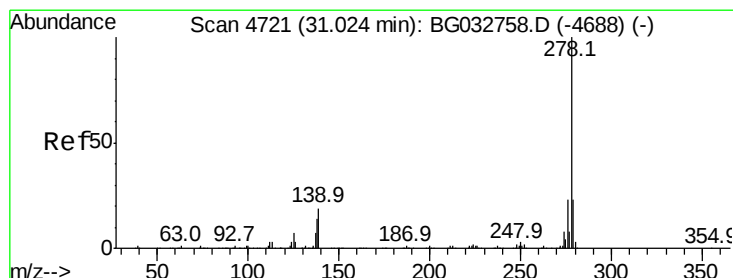
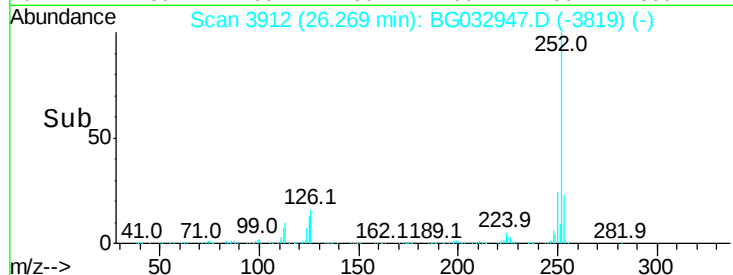
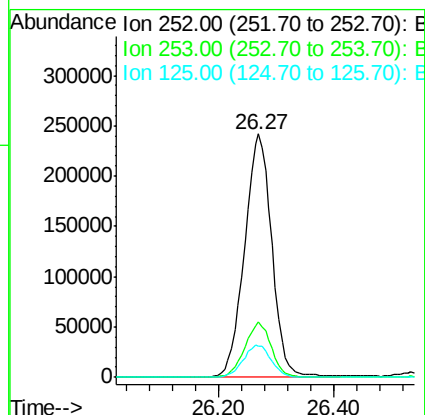
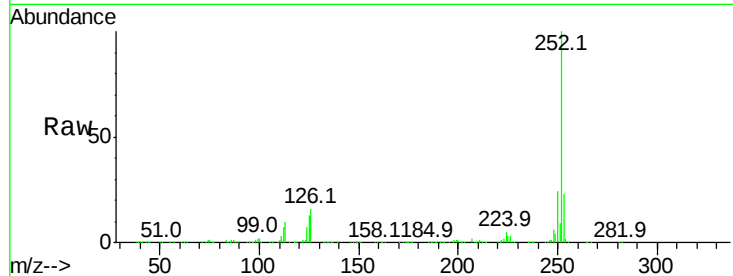




#89
Benzo(a)pyrene
Concen: 35.900 ng
RT: 26.27 min Scan# 3912
Delta R.T. 0.02 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

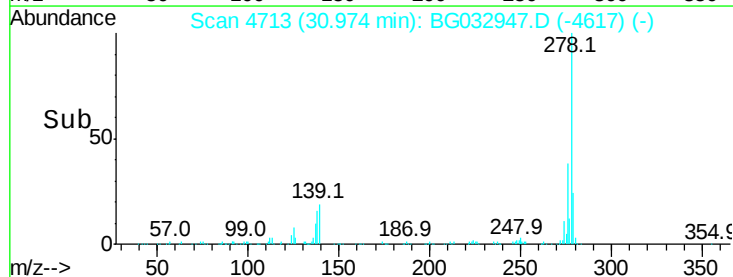
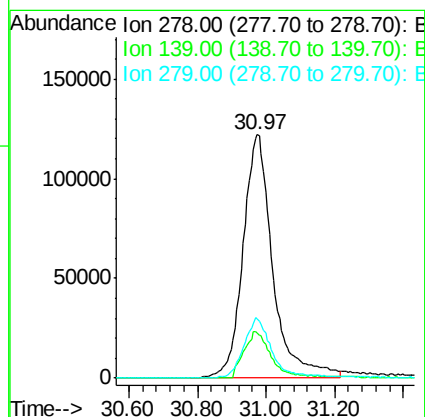
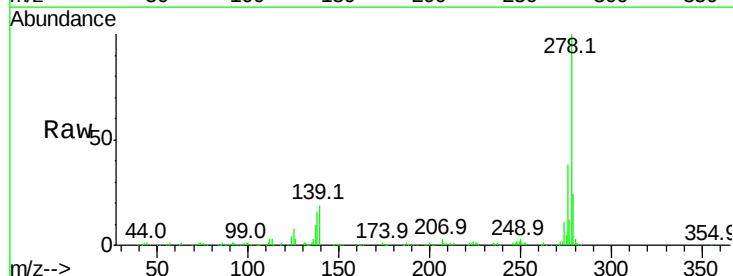
Instrument :
BNA_G
ClientSampleId :

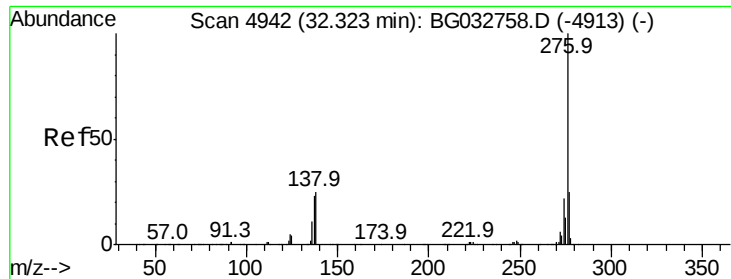
Tot Ion:252 Resp: 794889
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 13.0 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 33.147 ng
RT: 30.97 min Scan# 4713
Delta R.T. 0.04 min
Lab File: BG032947.D
Acq: 2 Mar 2018 16:01

Tgt Ion:278 Resp: 738753
Ion Ratio Lower Upper
278 100
139 18.6 9.8 14.6#
279 24.1 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 33.154 ng

RT: 32.29 min Scan# 4937

Delta R.T. 0.04 min

Lab File: BG032947.D

Acq: 2 Mar 2018 16:01

Instrument :

BNA_G

ClientSampleId :

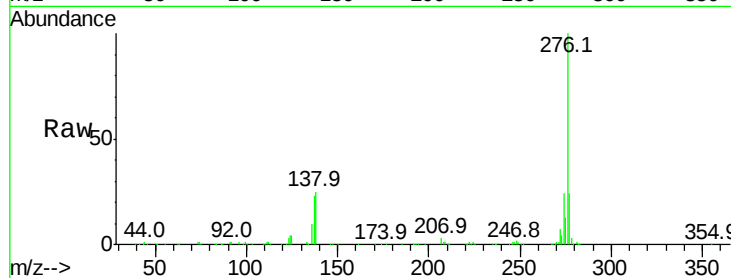
Tot Ion:276 Resp: 728402

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 24.7 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

