

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037975.D
 Acq On : 13 Nov 2018 12:53
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 14:18:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 14:15:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	58176	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	253801	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	157907	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	365848	20.00	ng	0.00
76) Chrysene-d12	21.75	240	333030	20.00	ng	0.00
87) Perylene-d12	25.07	264	352604	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	171806	49.37	ng	0.00
7) Phenol-d6	7.23	99	245063	46.57	ng	0.00
23) Nitrobenzene-d5	9.26	82	239965	52.97	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	90375	52.47	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	557512	53.24	ng	0.00
79) Terphenyl-d14	20.07	244	760055	48.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	38600	21.874	ng	98
3) Pyridine	3.93	79	116839	26.269	ng	99
4) n-Nitrosodimethylamine	3.85	42	41741	26.348	ng	93
6) Aniline	7.41	93	159673	24.875	ng	97
8) 2-Chlorophenol	7.64	128	101156	24.849	ng	97
9) Benzaldehyde	7.23	77	90242	27.417	ng	95
10) Phenol	7.26	94	130208	23.454	ng	97
11) bis(2-Chloroethyl)ether	7.51	93	104474	24.777	ng	96
12) 1,3-Dichlorobenzene	7.98	146	114895	25.353	ng	98
13) 1,4-Dichlorobenzene	8.12	146	114949	24.797	ng	99
14) 1,2-Dichlorobenzene	8.44	146	110609	24.804	ng	99
15) Benzyl Alcohol	8.32	79	88766	22.831	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	191363	25.364	ng	98
17) 2-Methylphenol	8.52	107	89058	24.264	ng	98
18) Hexachloroethane	9.17	117	41236	26.092	ng	92
19) n-Nitroso-di-n-propylamine	8.89	70	87707	24.206	ng	93
20) 3+4-Methylphenols	8.85	107	125190	23.856	ng	97
22) Acetophenone	8.92	105	160992	25.292	ng	# 99
24) Nitrobenzene	9.31	77	123671	26.276	ng	96
25) Isophorone	9.82	82	213249	25.760	ng	97
26) 2-Nitrophenol	10.02	139	61254	28.889	ng	98
27) 2,4-Dimethylphenol	10.06	122	95523	25.232	ng	93
28) bis(2-Chloroethoxy)methane	10.30	93	137944	25.433	ng	99
29) 2,4-Dichlorophenol	10.54	162	104253	24.733	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	116392	25.392	ng	98
31) Naphthalene	10.96	128	316748	25.409	ng	99
32) Benzoic acid	10.15	122	25625	10.421	ng	90
33) 4-Chloroaniline	11.07	127	148001	25.268	ng	99
34) Hexachlorobutadiene	11.22	225	71549	26.337	ng	98
35) Caprolactam	11.85	113	42835	25.338	ng	# 84
36) 4-Chloro-3-methylphenol	12.17	107	113350	23.845	ng	98
37) 2-Methylnaphthalene	12.55	142	223025	24.543	ng	99
38) 1-Methylnaphthalene	12.78	142	219658	24.890	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	132729	26.059	ng	100

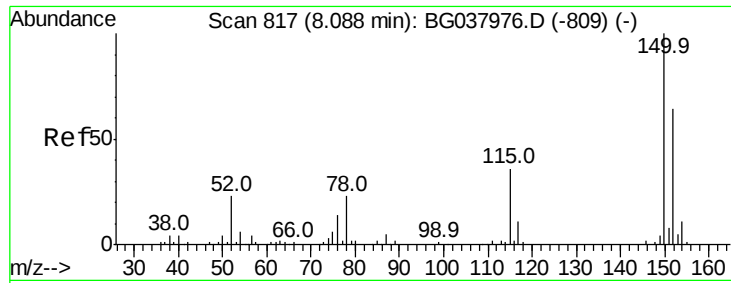
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037975.D
 Acq On : 13 Nov 2018 12:53
 Operator : JU/SJ
 Sample : SSTDICC025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 14:15:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	68585	28.190	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	89607	26.333	nq	98
44) 2,4,5-Trichlorophenol	13.22	196	96602	26.074	nq	98
46) 1,1'-Biphenyl	13.56	154	338740	25.903	nq	99
47) 2-Chloronaphthalene	13.61	162	255297	25.804	nq	98
48) 2-Nitroaniline	13.81	65	81353	27.115	nq	96
49) Acenaphthylene	14.45	152	389631	26.180	nq	100
50) Dimethylphthalate	14.17	163	320000	26.195	nq	98
51) 2,6-Dinitrotoluene	14.30	165	73261	27.109	nq	93
52) Acenaphthene	14.79	154	232718	25.390	nq	99
53) 3-Nitroaniline	14.63	138	81289	27.096	nq	# 88
54) 2,4-Dinitrophenol	14.83	184	25413	32.326	nq	91
55) Dibenzofuran	15.12	168	386478	25.449	nq	99
56) 4-Nitrophenol	14.92	139	60272	27.142	nq	99
57) 2,4-Dinitrotoluene	15.09	165	99184	27.960	nq	92
58) Fluorene	15.77	166	284899	25.052	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	82258	25.932	nq	99
60) Diethylphthalate	15.53	149	344146	27.440	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	167059	25.203	nq	98
62) 4-Nitroaniline	15.80	138	81900	27.473	nq	94
63) Azobenzene	16.05	77	305743	25.551	nq	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	57351	33.858	nq	98
66) n-Nitrosodiphenylamine	15.97	169	281867	25.613	nq	100
67) 4-Bromophenyl-phenylether	16.65	248	102521	25.518	nq	98
68) Hexachlorobenzene	16.76	284	104598	25.120	nq	96
69) Atrazine	16.91	200	106282	26.712	nq	98
70) Pentachlorophenol	17.11	266	67355	24.149	nq	95
71) Phenanthrene	17.51	178	481630	25.903	nq	99
72) Anthracene	17.60	178	478360	26.216	nq	99
73) Carbazole	17.88	167	481736	26.393	nq	99
74) Di-n-butylphthalate	18.41	149	550030	27.089	nq	99
75) Fluoranthene	19.52	202	555274	26.331	nq	99
77) Benzidine	19.70	184	298751	26.382	nq	98
78) Pyrene	19.88	202	572149	26.281	nq	98
80) Butylbenzylphthalate	20.75	149	246034	27.614	nq	99
81) Benzo(a)anthracene	21.73	228	518276	26.311	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	204908	26.837	nq	98
83) Chrysene	21.80	228	490600	25.901	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	348878	27.935	nq	99
85) Di-n-octyl phthalate	22.84	149	576212	28.294	nq	98
86) Indeno(1,2,3-cd)pyrene	28.88	276	543480	26.751	nq	# 90
88) Benzo(b)fluoranthene	24.01	252	490188	25.358	nq	99
89) Benzo(k)fluoranthene	24.08	252	485137	25.615	nq	99
90) Benzo(a)pyrene	24.92	252	475156	25.867	nq	99
91) Dibenzo(a,h)anthracene	28.96	278	451578	26.651	nq	97
92) Benzo(g,h,i)perylene	30.09	276	449411	26.217	nq	99

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

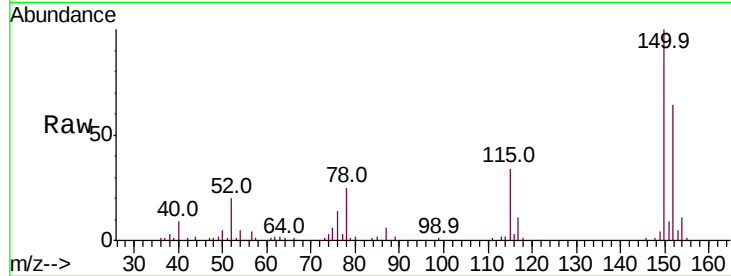


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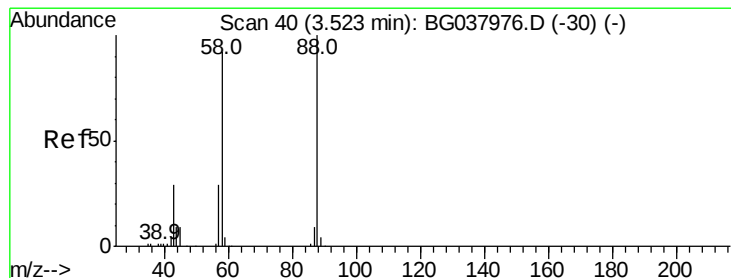
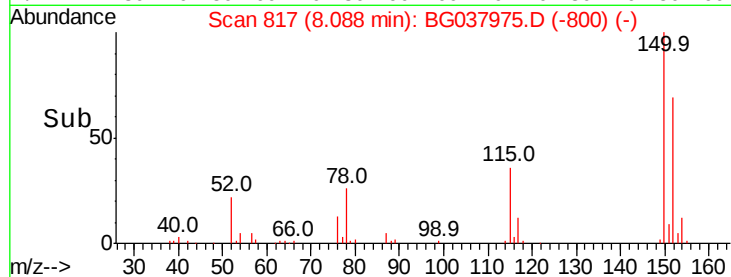
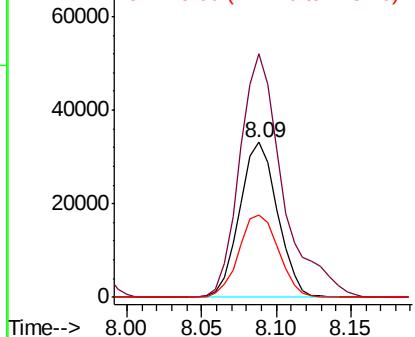
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58176
Ion Ratio Lower Upper
152 100
150 157.1 126.0 189.0
115 53.1 45.5 68.3



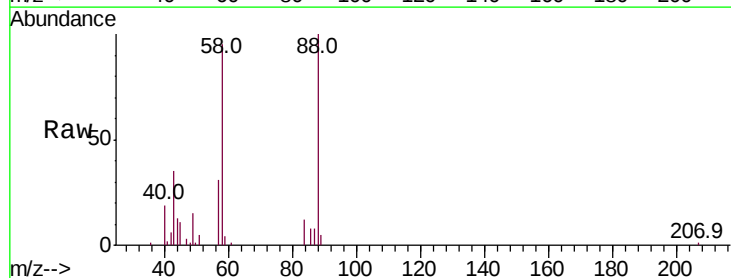
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



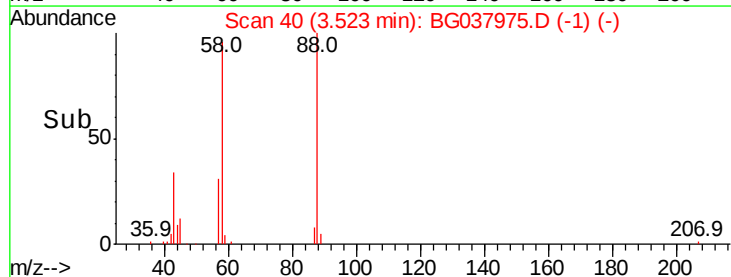
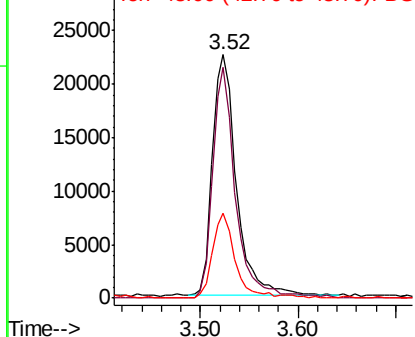
#2

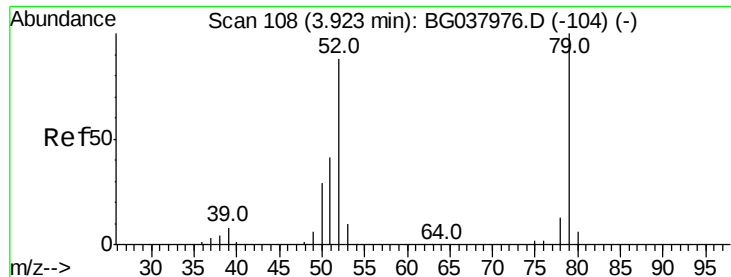
1,4-Dioxane
Concen: 21.874 ng
RT: 3.52 min Scan# 40
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion: 88 Resp: 38600
Ion Ratio Lower Upper
88 100
58 90.8 74.4 111.6
43 32.9 25.8 38.8



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: 26.269 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

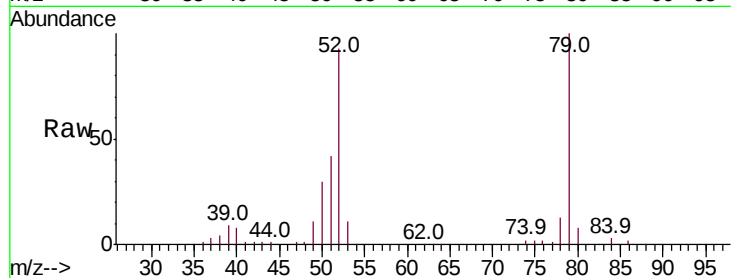
Tot Ion: 79 Resp: 116839

Ion Ratio Lower Upper

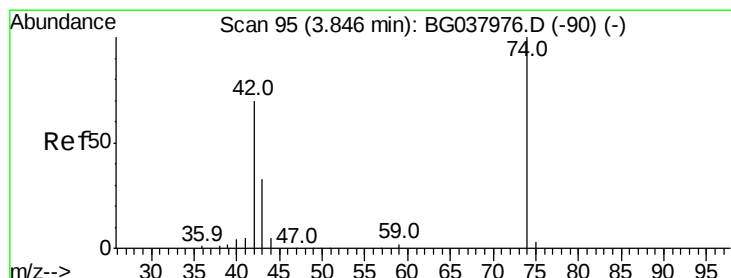
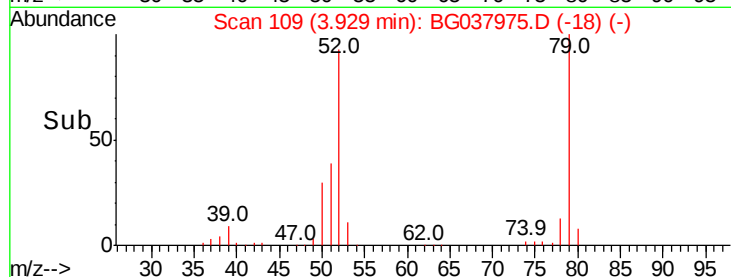
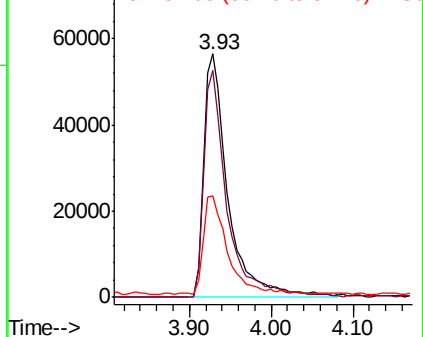
79 100

52 93.0 74.2 111.2

51 41.5 34.6 51.8



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: 26.348 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

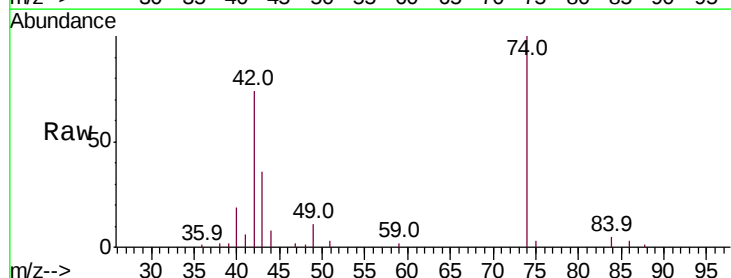
Tgt Ion: 42 Resp: 41741

Ion Ratio Lower Upper

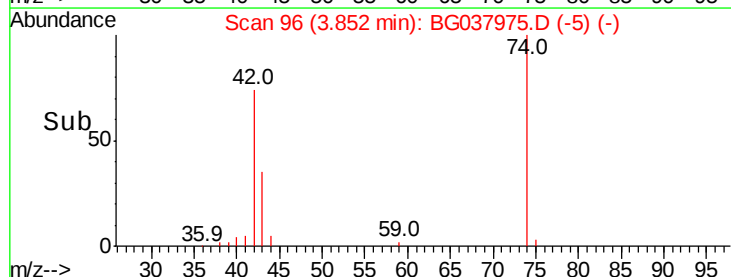
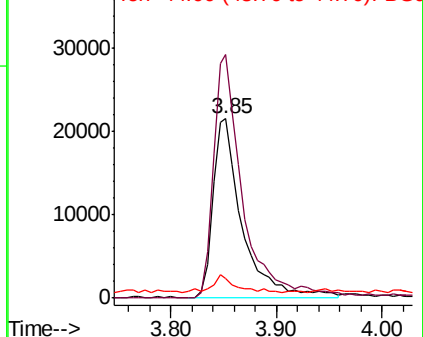
42 100

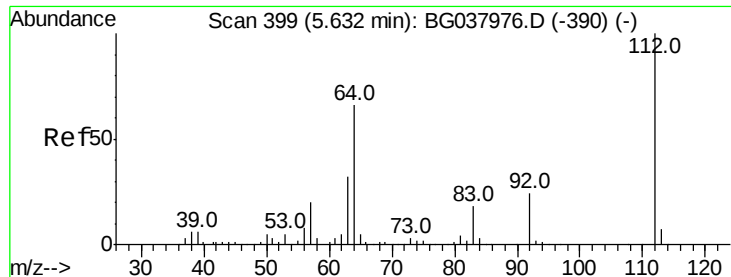
74 135.9 102.0 153.0

44 11.0 9.6 14.4



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: 49.373 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampled :

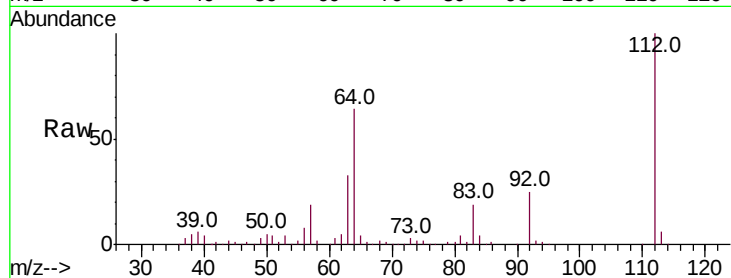
Tot Ion:112 Resp: 171806

Ion Ratio Lower Upper

112 100

64 64.0 53.1 79.7

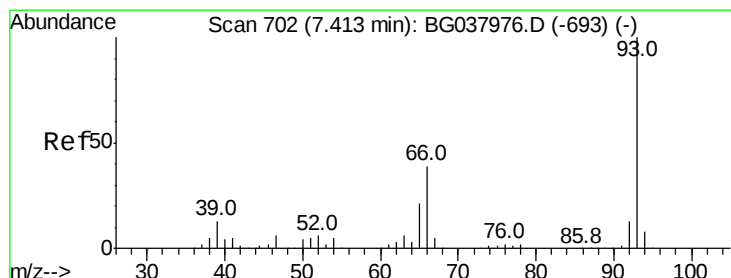
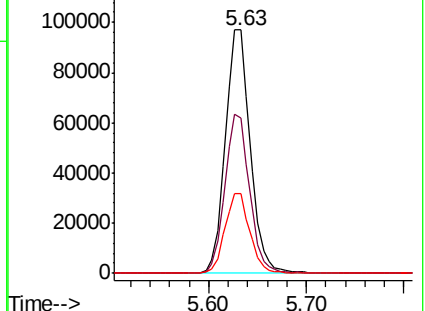
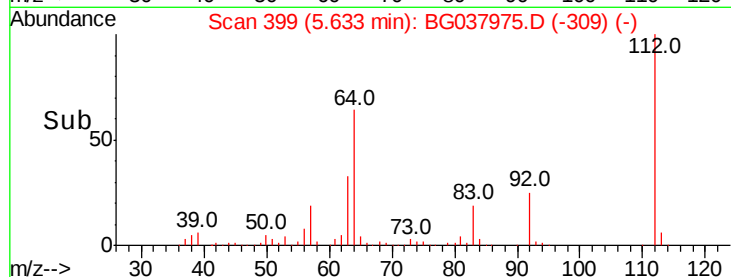
63 32.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.875 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

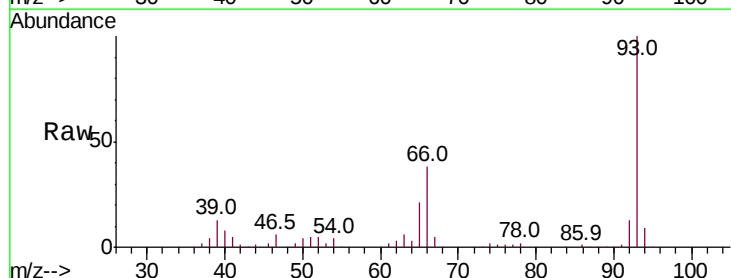
Tgt Ion: 93 Resp: 159673

Ion Ratio Lower Upper

93 100

66 38.2 32.8 49.2

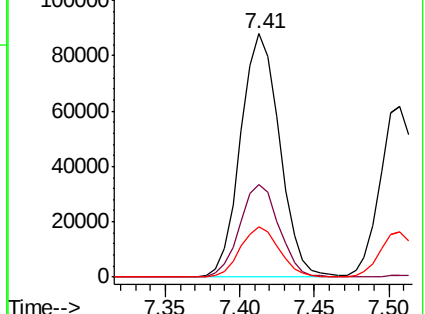
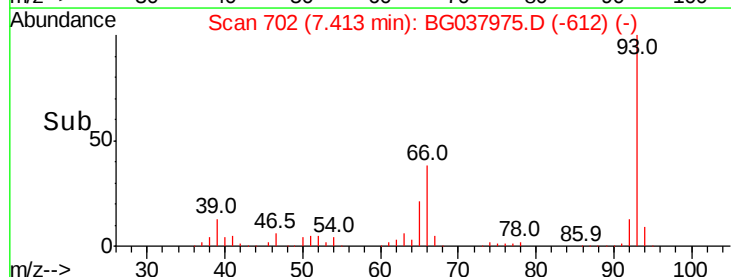
65 20.9 16.4 24.6

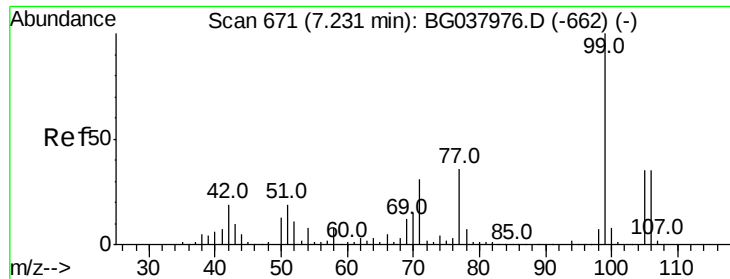


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 46.574 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

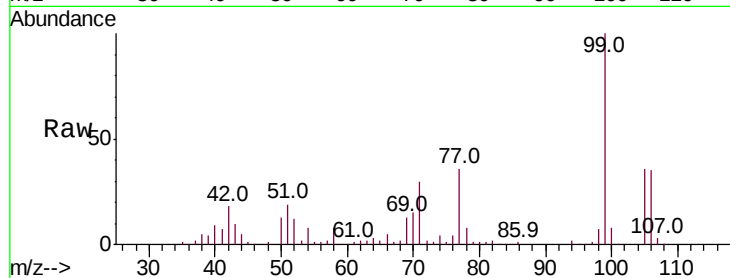
Tot Ion: 99 Resp: 245063

Ion Ratio Lower Upper

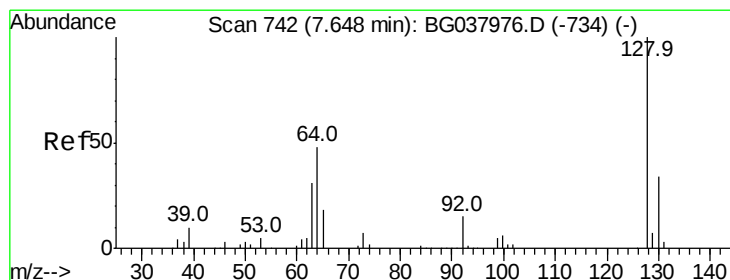
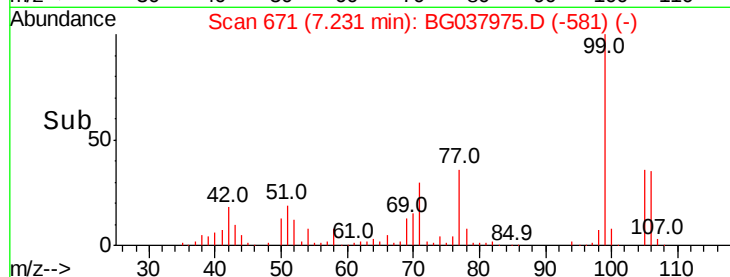
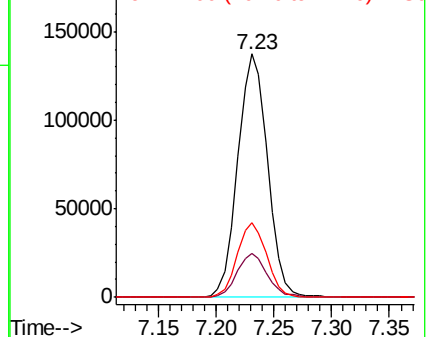
99 100

42 18.0 15.0 22.4

71 30.5 25.5 38.3



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: 24.849 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

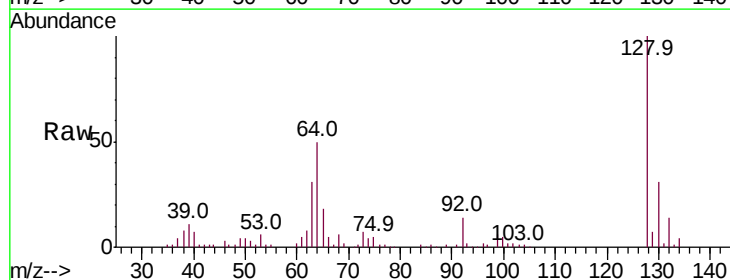
Tgt Ion: 128 Resp: 101156

Ion Ratio Lower Upper

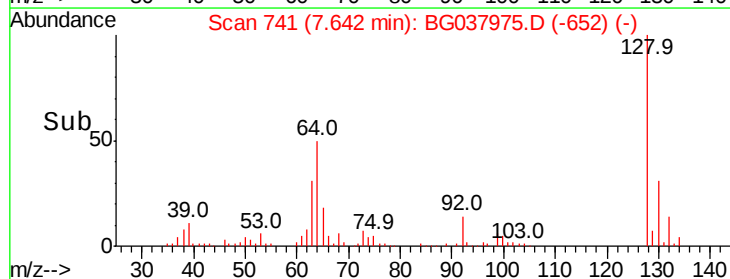
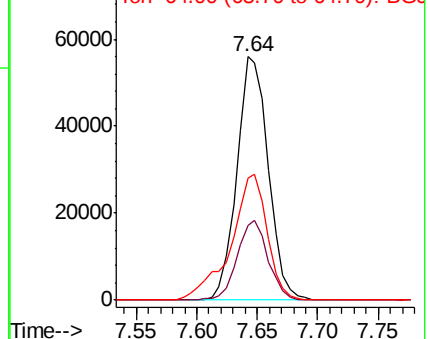
128 100

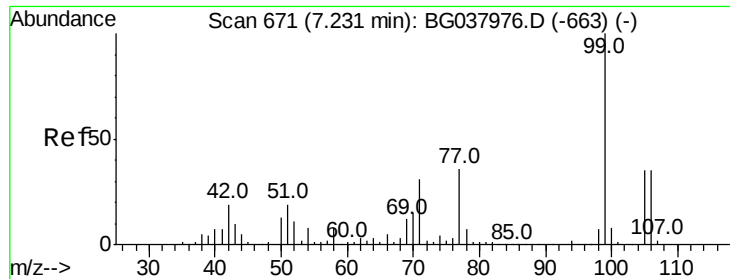
130 30.8 12.0 52.0

64 50.4 32.9 72.9



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: 27.417 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

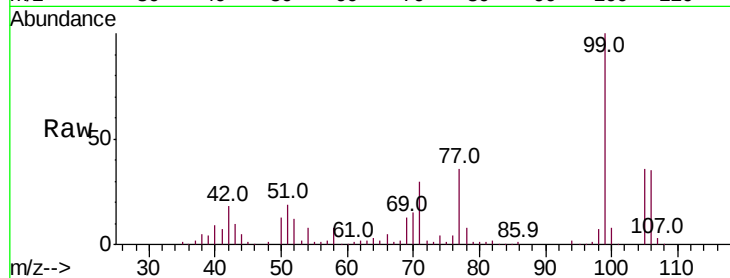
Tot Ion: 77 Resp: 90242

Ion Ratio Lower Upper

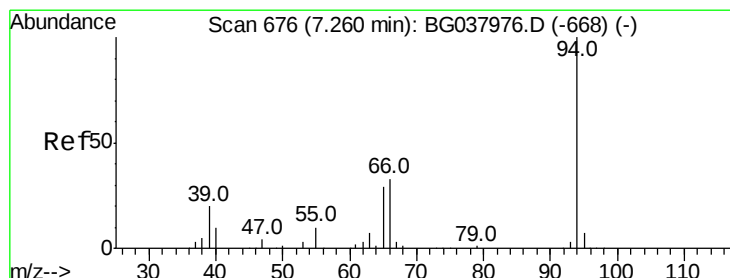
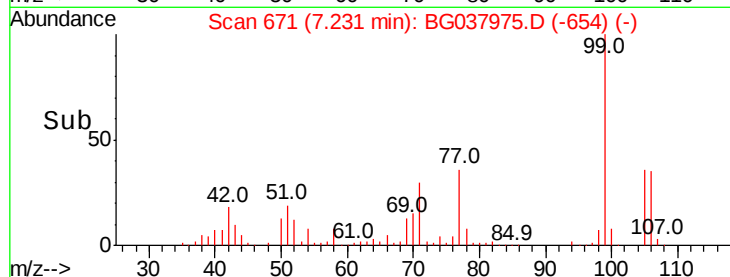
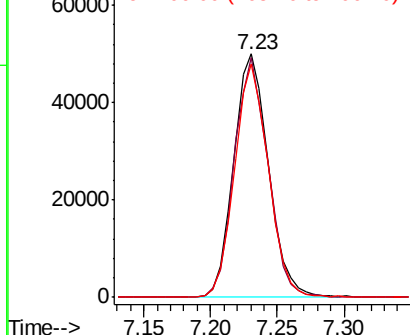
77 100

105 98.5 72.6 112.6

106 95.8 71.3 111.3



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: 23.454 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

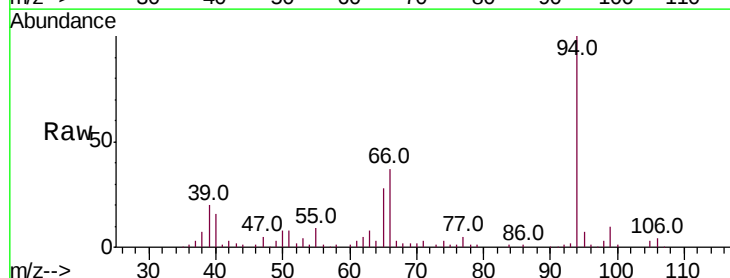
Tgt Ion: 94 Resp: 130208

Ion Ratio Lower Upper

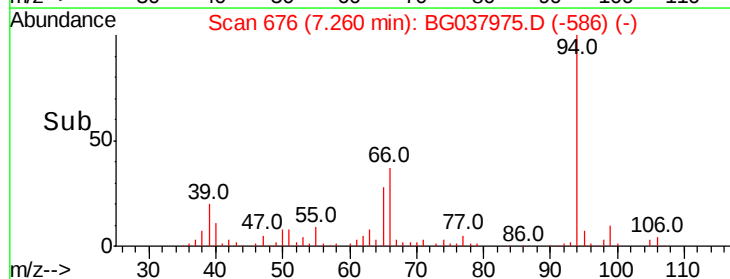
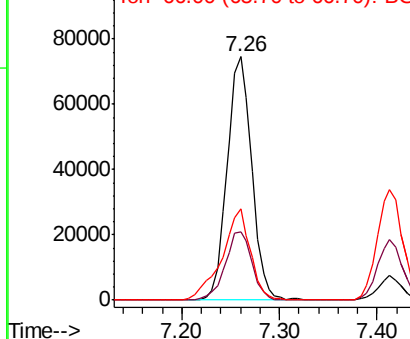
94 100

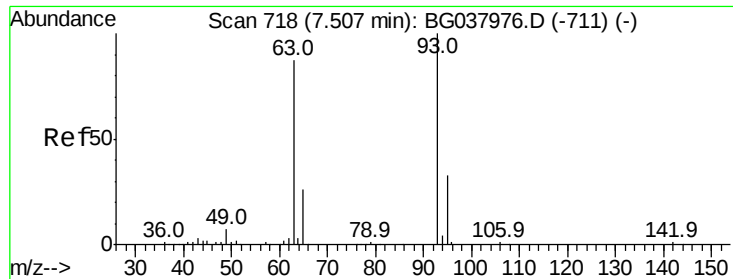
65 28.1 9.7 49.7

66 37.4 15.9 55.9



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

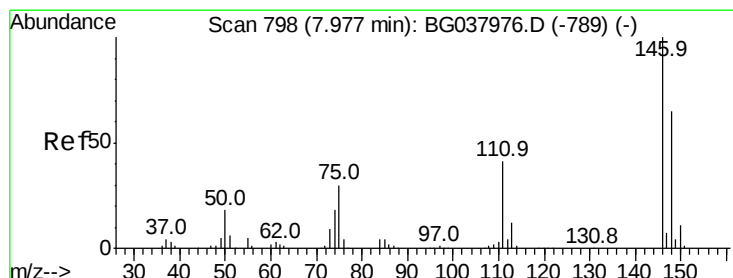
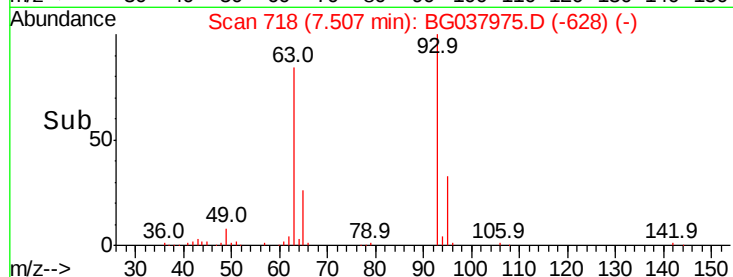
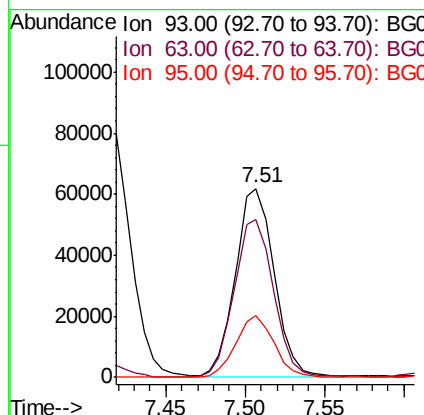
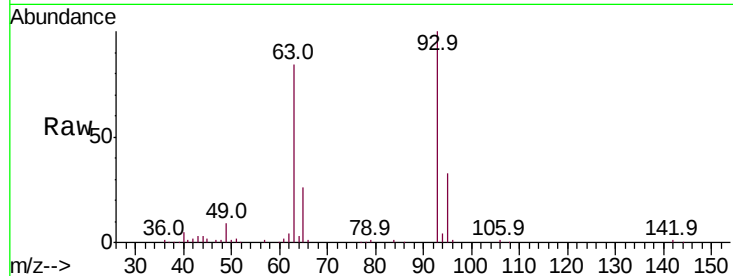




#11
 bis(2-Chloroethyl)ether
 Concen: 24.777 ng
 RT: 7.51 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

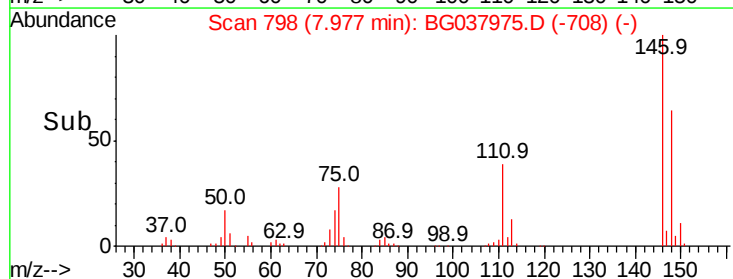
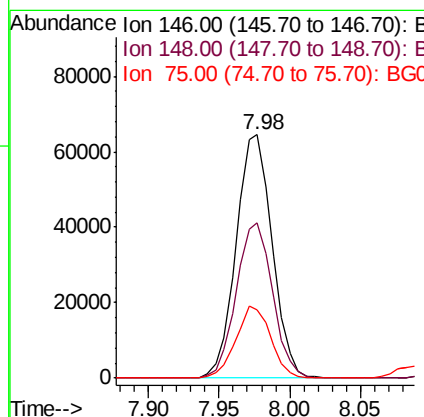
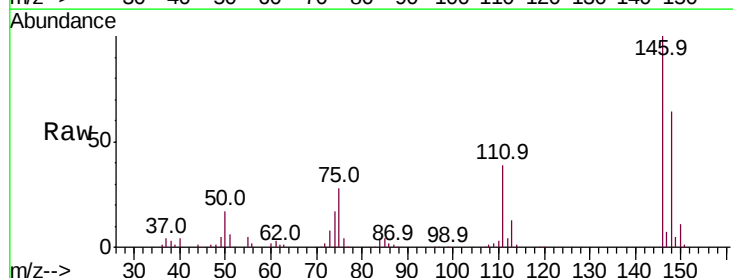
Instrument :
 BNA_G
 ClientSampleId :

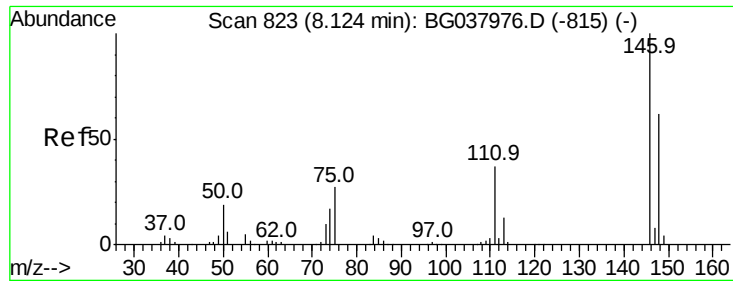
Tot Ion: 93 Resp: 104474
 Ion Ratio Lower Upper
 93 100
 63 83.8 69.5 109.5
 95 32.6 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 25.353 ng
 RT: 7.98 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion: 146 Resp: 114895
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.8 74.8
 75 27.8 23.2 34.8

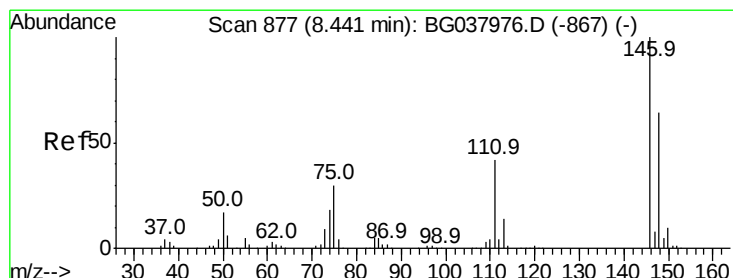
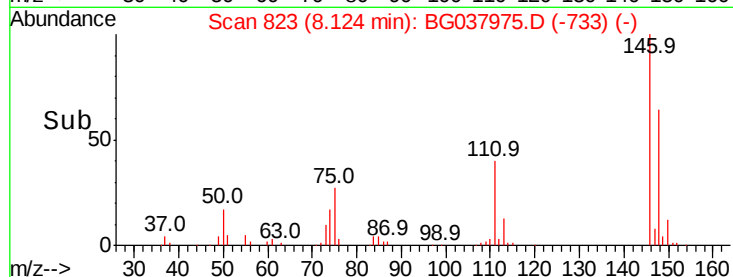
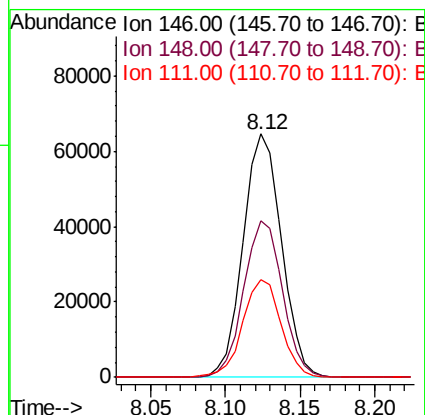
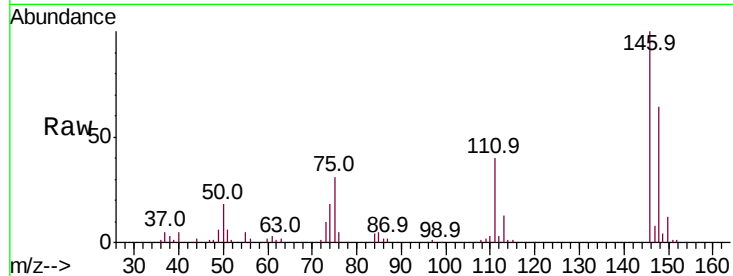




#13
 1,4-Dichlorobenzene
 Concen: 24.797 ng
 RT: 8.12 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

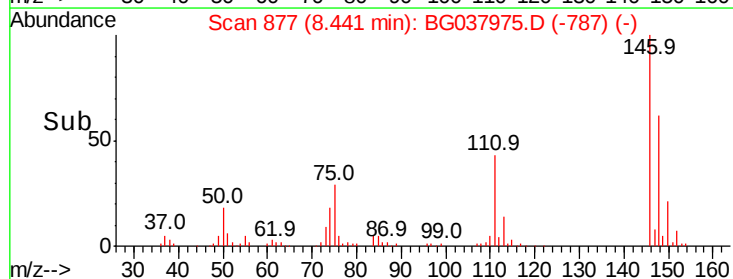
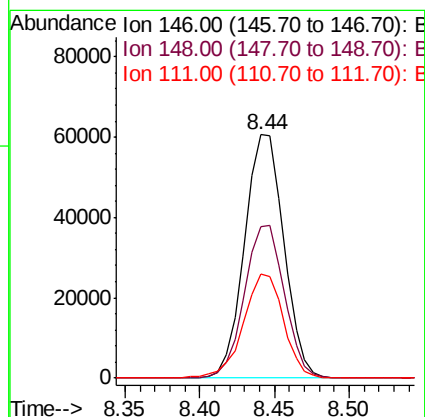
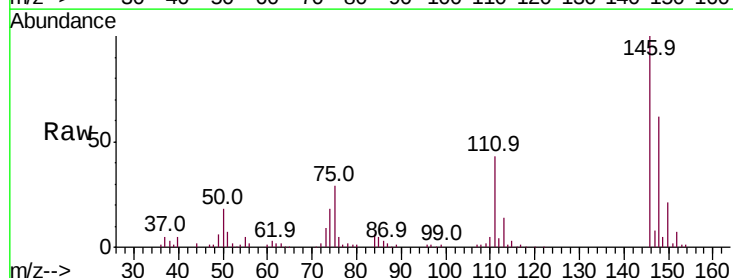
Instrument :
 BNA_G
 ClientSampleId :

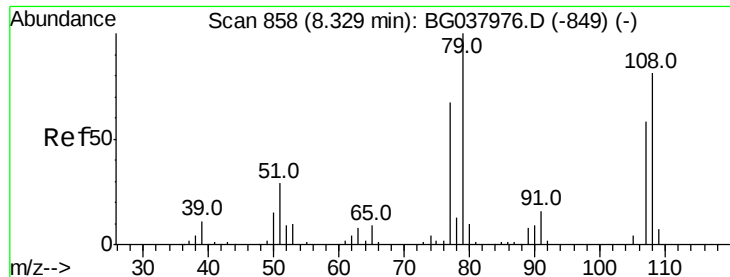
Tot Ion:146 Resp: 114949
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 40.1 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 24.804 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion:146 Resp: 110609
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.4 75.6
 111 42.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 22.831 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :
BNA_G
ClientSampleId :

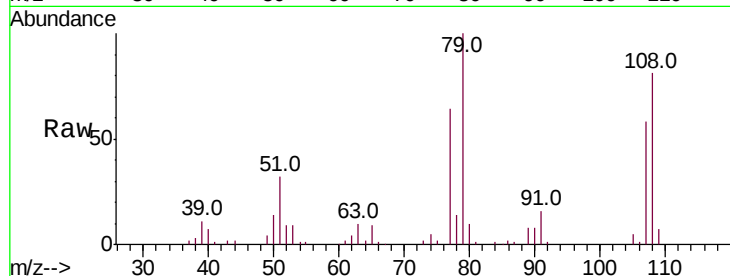
Tot Ion: 79 Resp: 88766

Ion Ratio Lower Upper

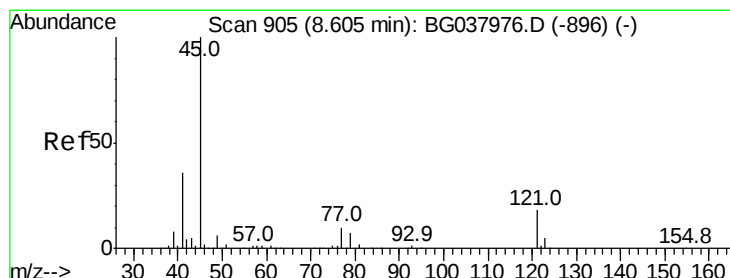
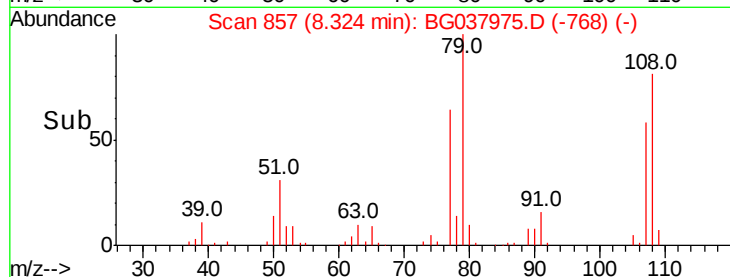
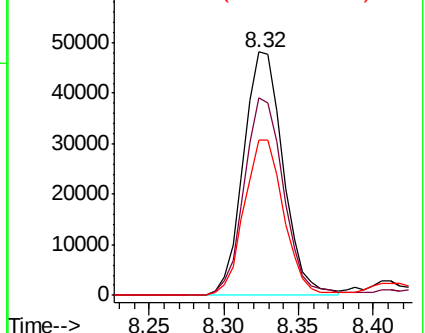
79 100

108 81.2 65.8 98.8

77 63.5 52.9 79.3



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: 25.364 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

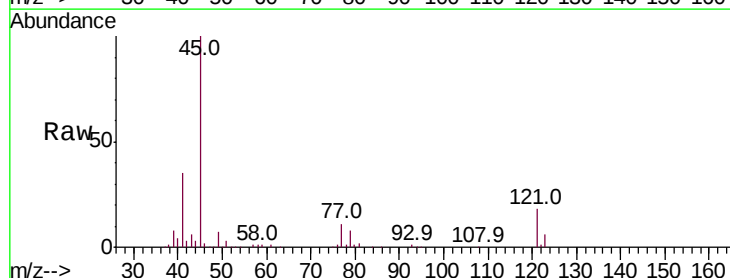
Tgt Ion: 45 Resp: 191363

Ion Ratio Lower Upper

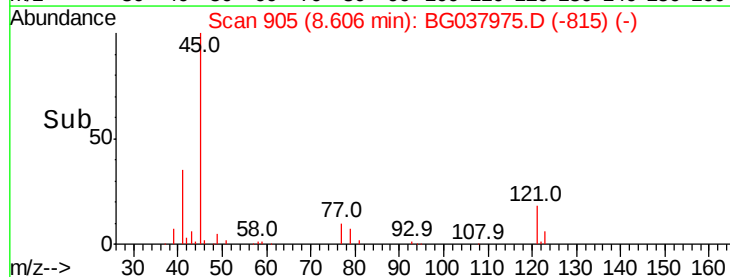
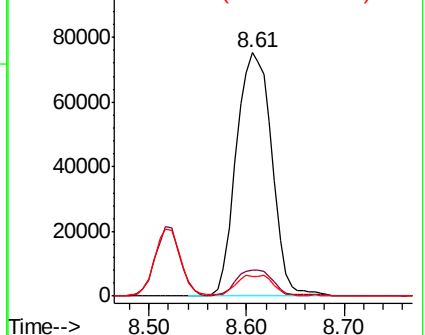
45 100

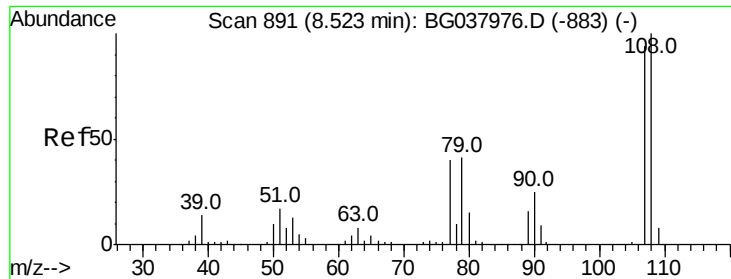
77 10.6 0.0 30.0

79 8.2 0.0 29.0



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

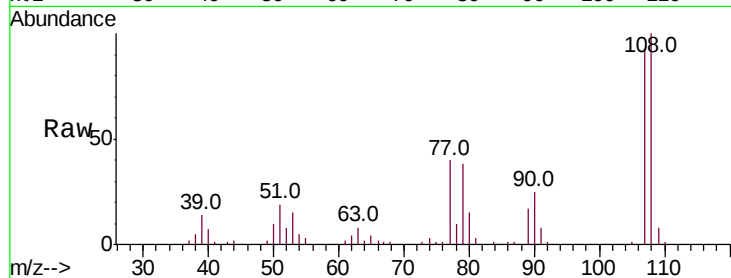




#17
2-Methylphenol
Concen: 24.264 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	89058
Ion	Ratio	Lower	Upper
107	100		
108	107.9	87.9	131.9
77	42.7	35.1	52.7
79	41.0	34.5	51.7



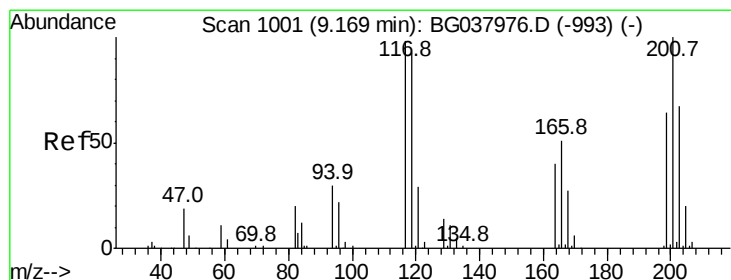
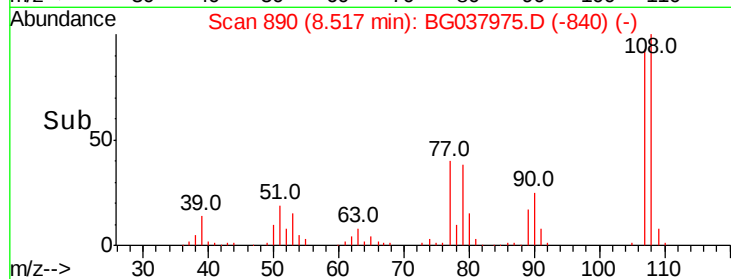
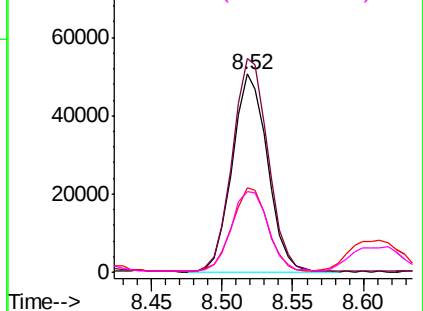
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

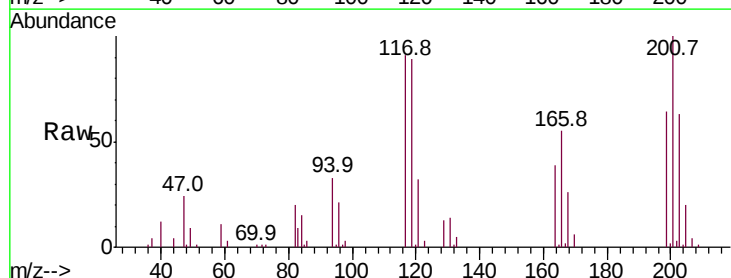
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 26.092 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:	117	Resp:	41236
Ion	Ratio	Lower	Upper
117	100		
119	97.9	74.6	111.8
201	112.9	80.8	121.2

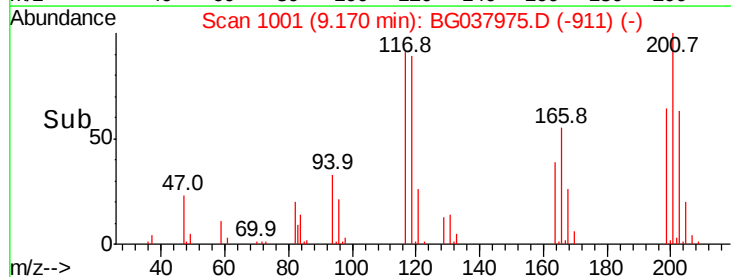
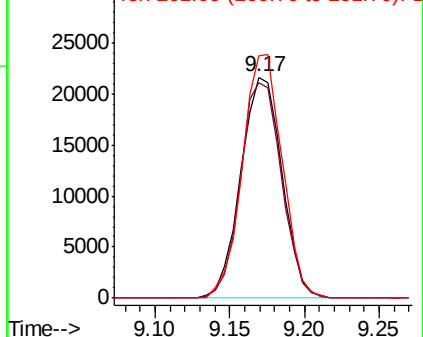


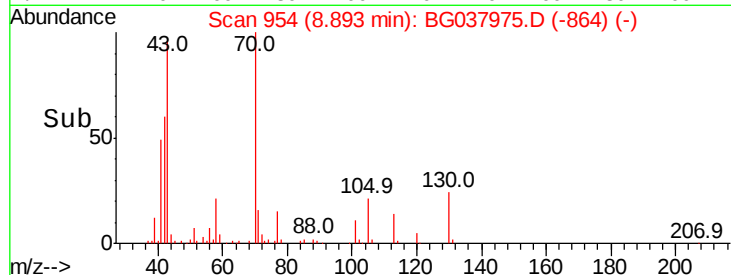
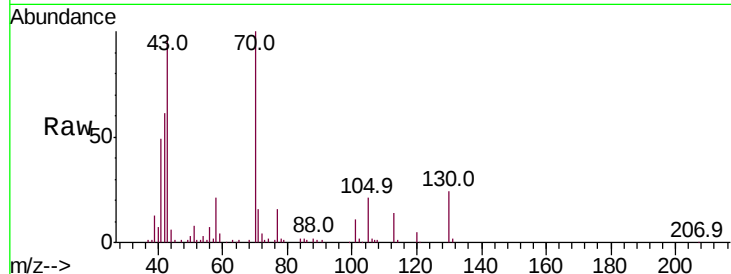
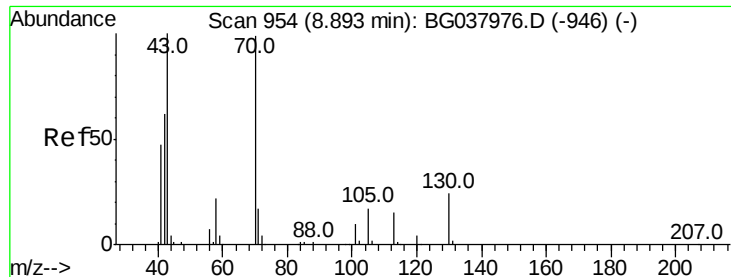
Abundance

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

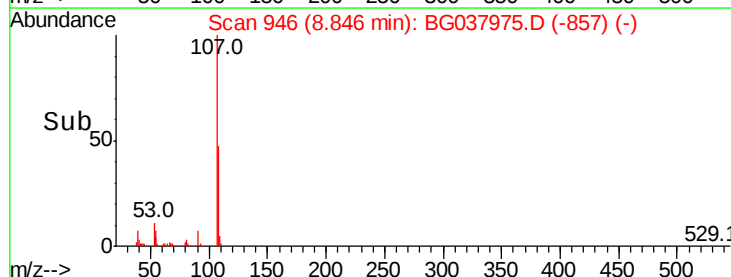
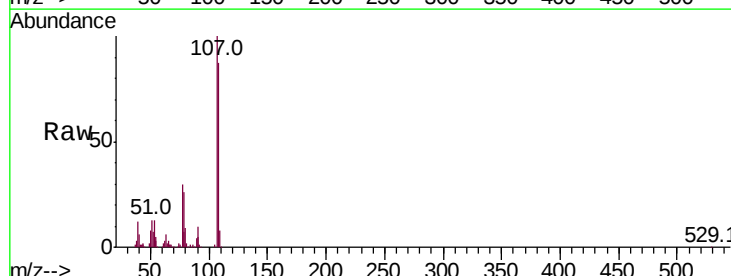
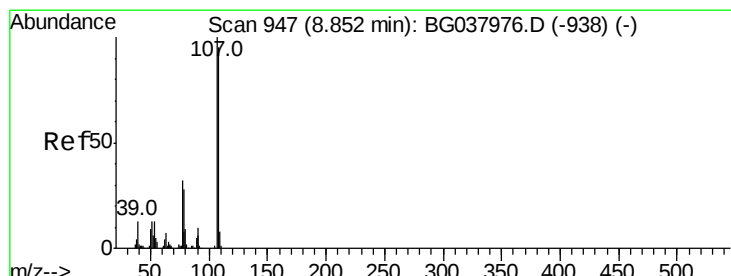
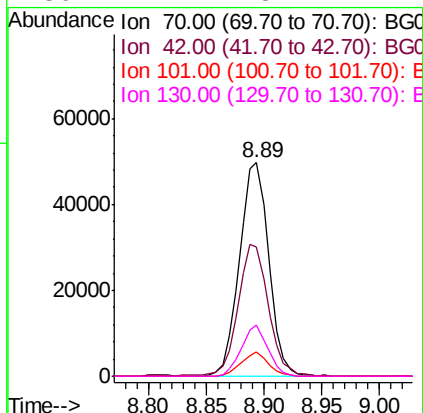




#19
n-Nitroso-di-n-propylamine
Concen: 24.206 ng
RT: 8.89 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

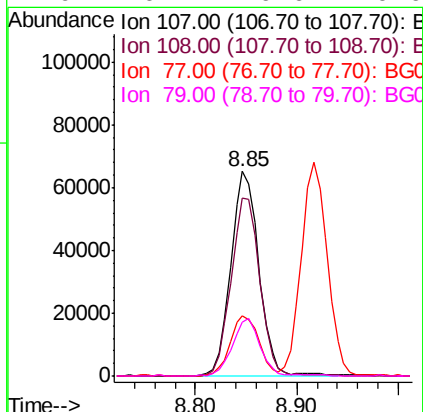
Instrument :
BNA_G
ClientSampleId :

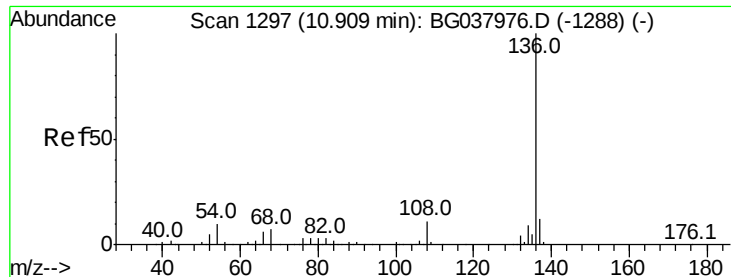
Tot Ion:	70	Resp:	87707
Ion	Ratio	Lower	Upper
70	100		
42	60.6	53.9	80.9
101	11.1	8.2	12.2
130	24.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 23.856 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:	107	Resp:	125190
Ion	Ratio	Lower	Upper
107	100		
108	87.0	69.9	109.9
77	29.7	11.2	51.2
79	26.2	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 253801

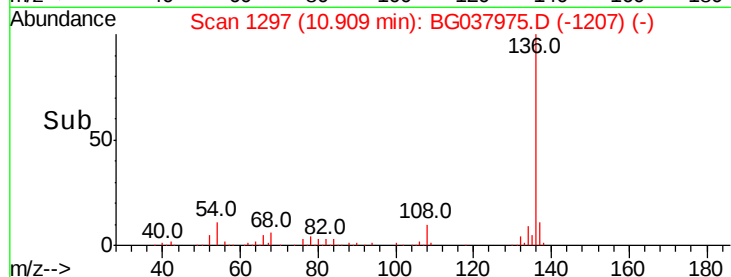
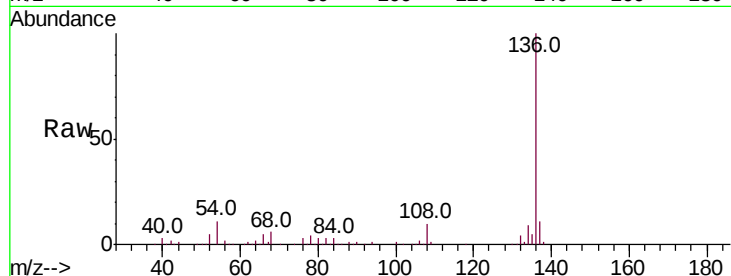
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 11.2 7.9 11.9

68 5.7 4.8 7.2



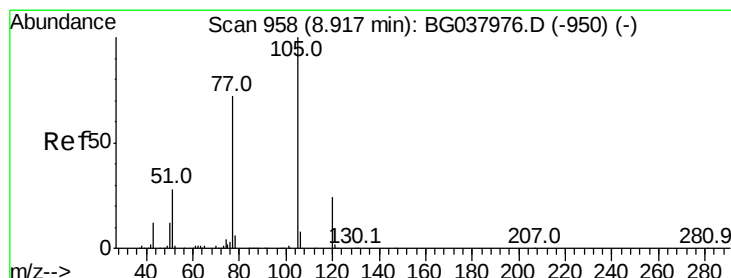
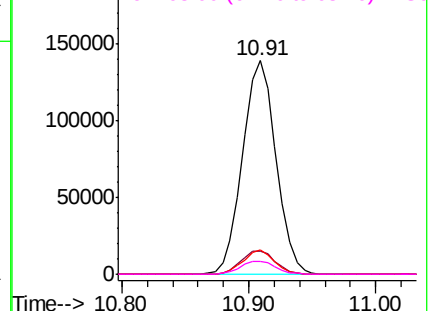
Abundance

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: 25.292 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Tgt Ion:105 Resp: 160992

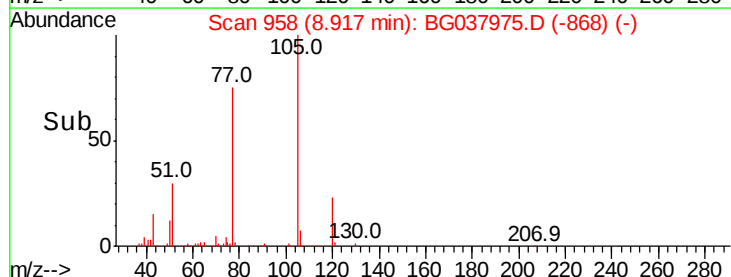
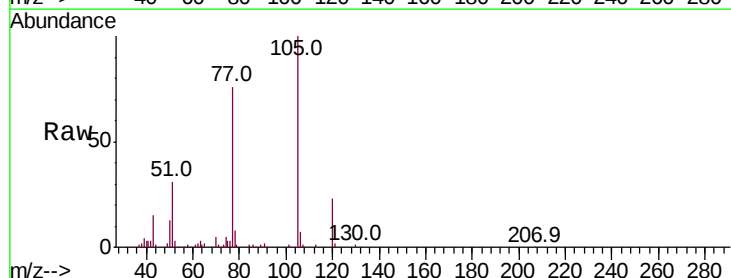
Ion Ratio Lower Upper

105 100

71 0.9 1.2 1.8#

51 30.5 25.0 37.6

120 22.6 18.6 28.0



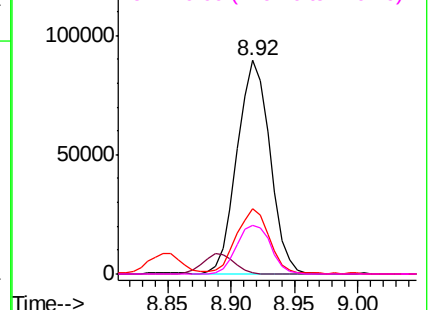
Abundance

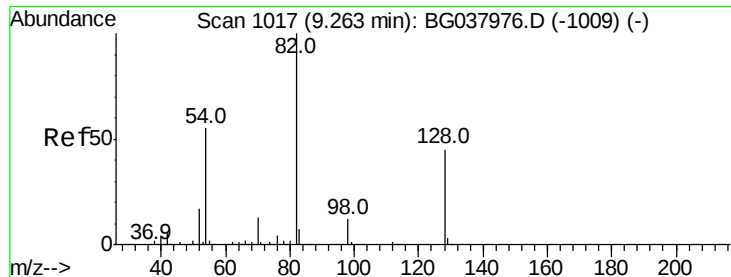
Ion 105.00 (104.70 to 105.70): E

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

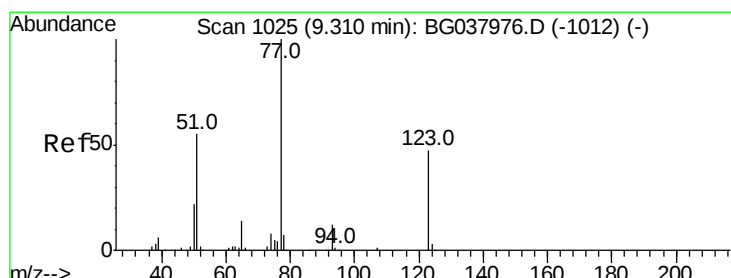
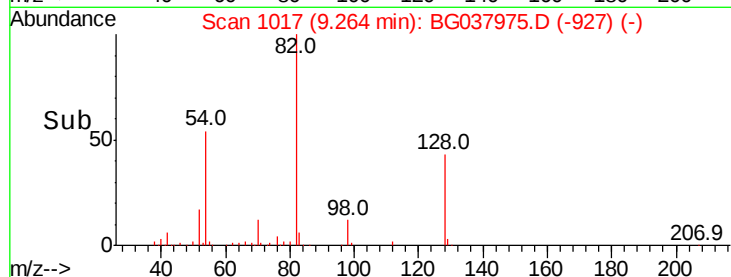
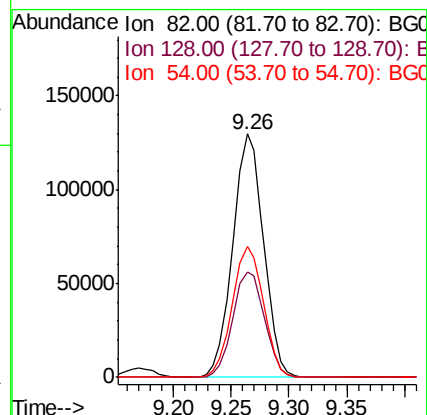
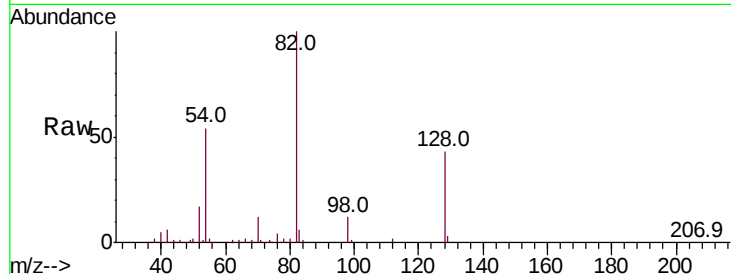




#23
Nitrobenzene-d5
Concen: 52.965 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

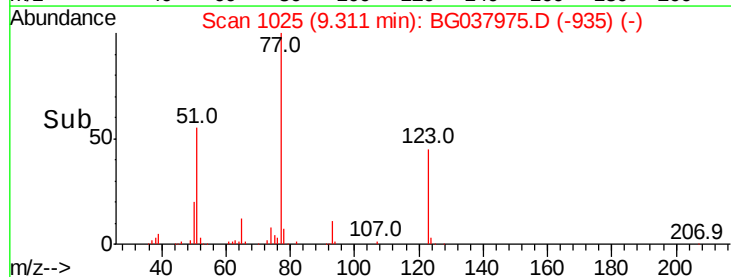
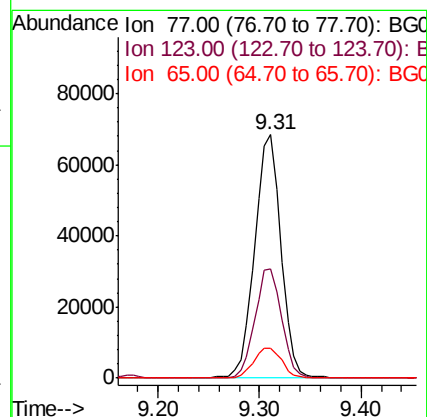
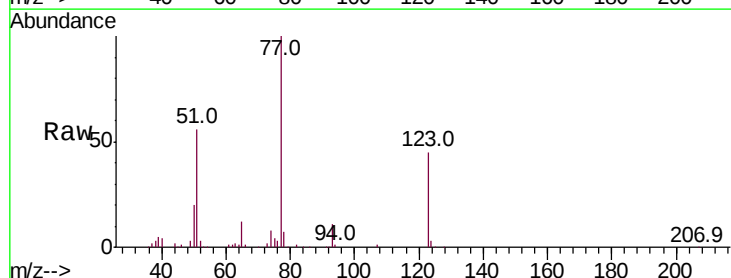
Instrument :
BNA_G
ClientSampleId :

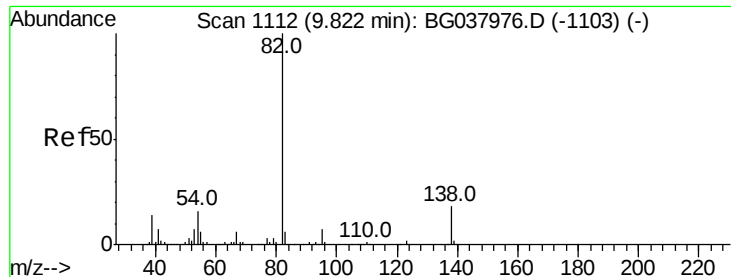
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	53.7	45.3	67.9



#24
Nitrobenzene
Concen: 26.276 ng
RT: 9.31 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.6	50.4
65	12.1	11.3	16.9





#25

Isophorone

Concen: 25.760 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

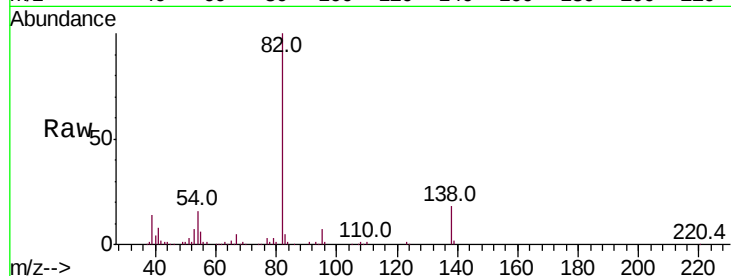
Tot Ion: 82 Resp: 213249

Ion Ratio Lower Upper

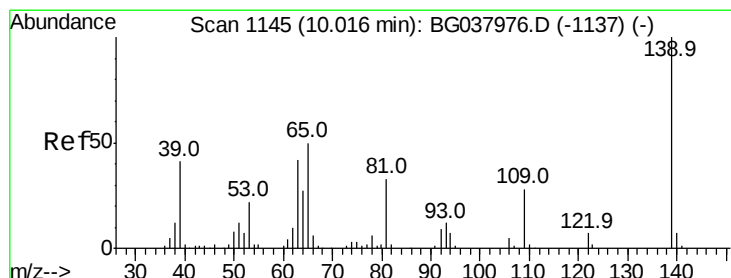
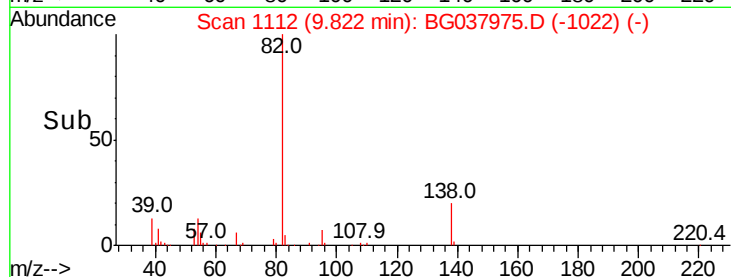
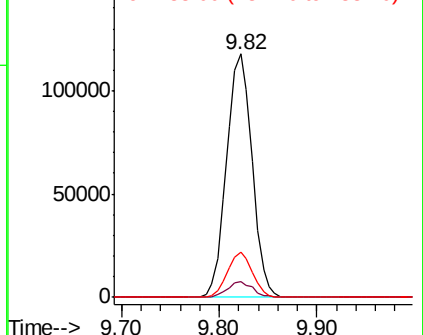
82 100

95 6.6 5.3 7.9

138 18.4 13.3 19.9



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



#26

2-Nitrophenol

Concen: 28.889 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

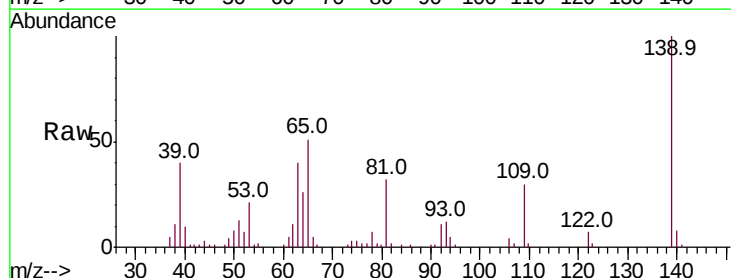
Tgt Ion:139 Resp: 61254

Ion Ratio Lower Upper

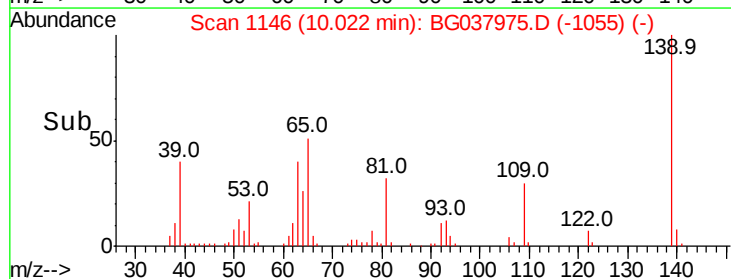
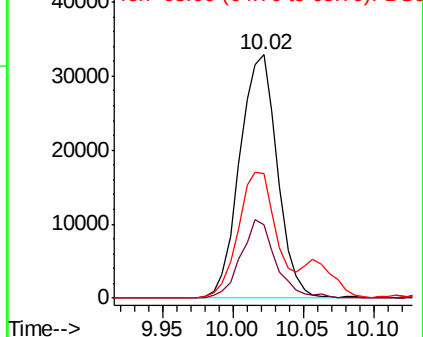
139 100

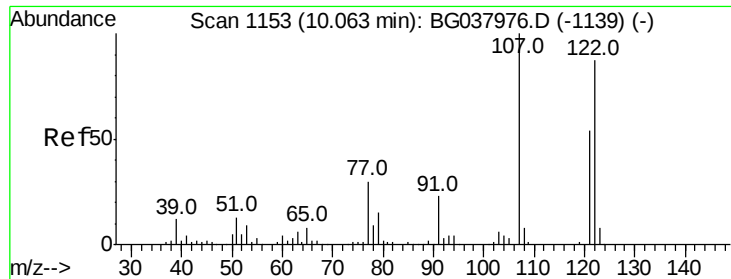
109 30.1 23.3 34.9

65 50.9 39.8 59.8



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

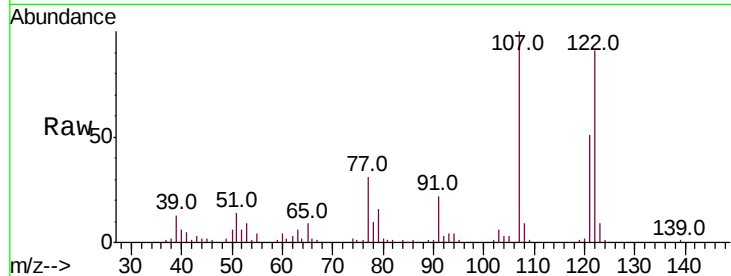




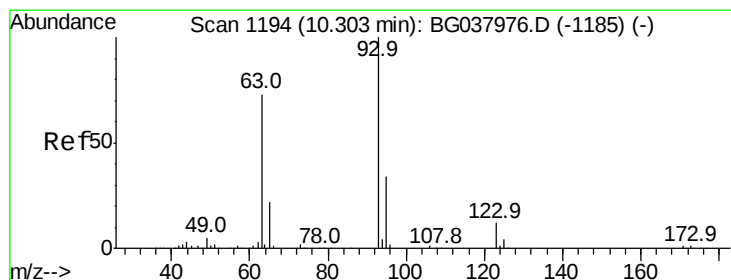
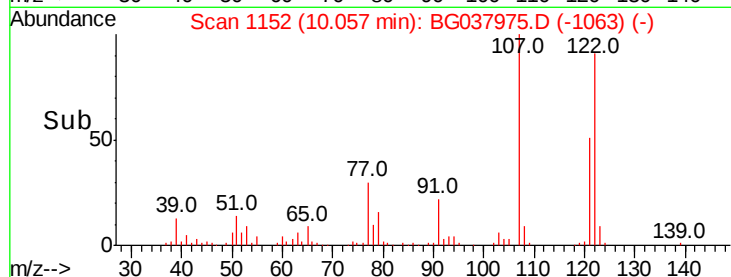
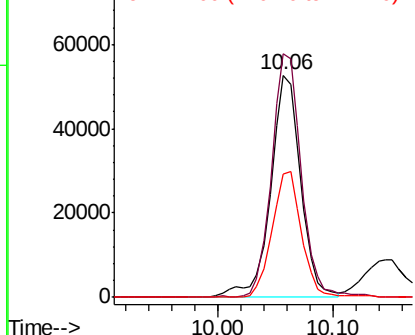
#27
2,4-Dimethylphenol
Concen: 25.232 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 95523
Ion Ratio Lower Upper
122 100
107 109.5 94.2 141.2
121 55.5 47.3 70.9

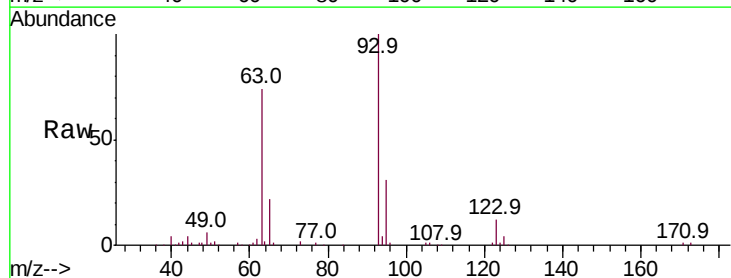


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

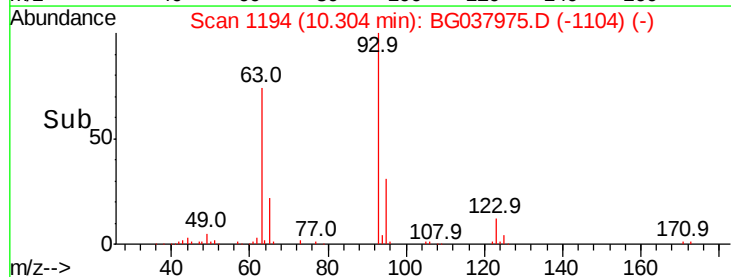
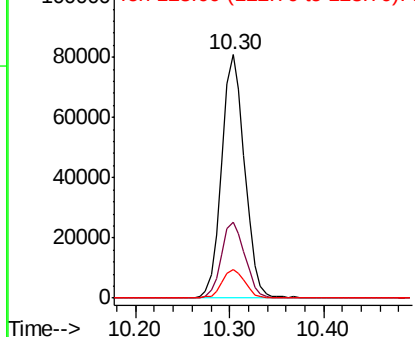


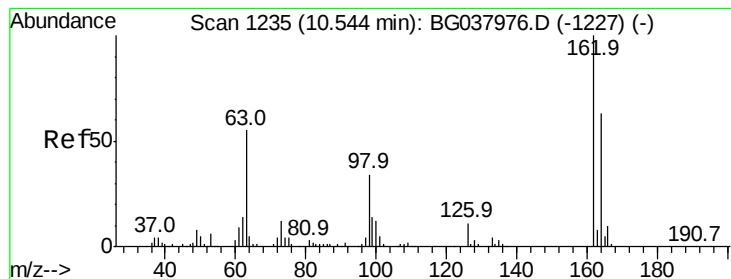
#28
bis(2-Chloroethoxy)methane
Concen: 25.433 ng
RT: 10.30 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion: 93 Resp: 137944
Ion Ratio Lower Upper
93 100
95 31.4 24.6 37.0
123 11.7 9.1 13.7



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





#29

2,4-Dichlorophenol

Concen: 24.733 ng

RT: 10.54 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

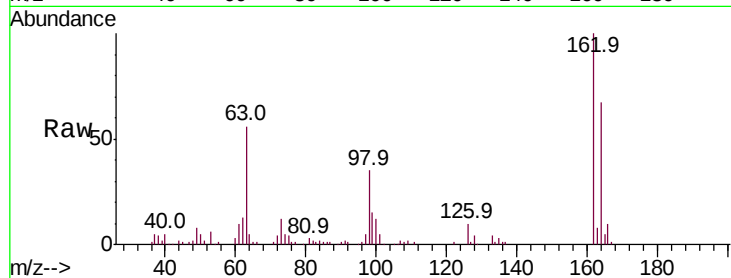
Tot Ion:162 Resp: 104253

Ion Ratio Lower Upper

162 100

164 67.2 43.2 83.2

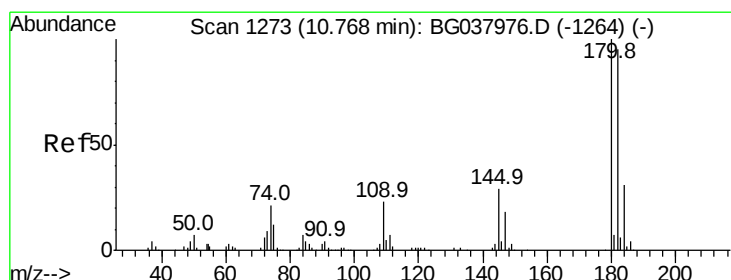
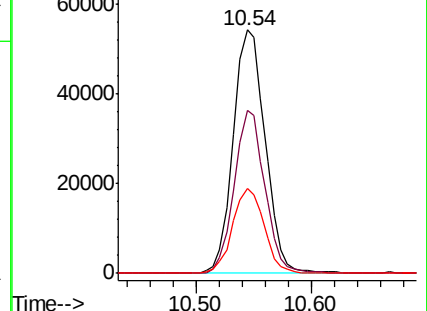
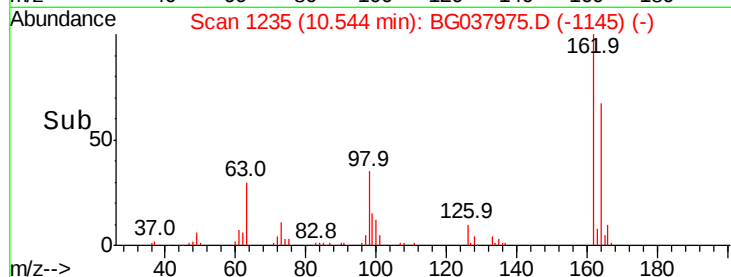
98 34.6 16.0 56.0



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 25.392 ng

RT: 10.76 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

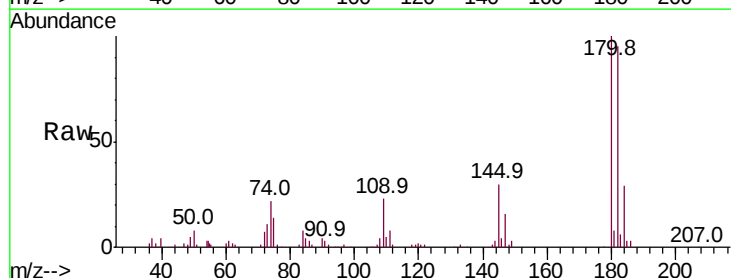
Tgt Ion:180 Resp: 116392

Ion Ratio Lower Upper

180 100

182 95.2 77.7 116.5

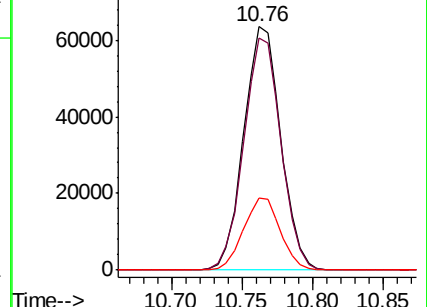
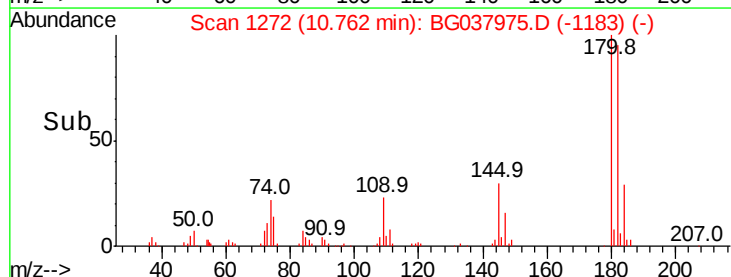
145 29.6 23.3 34.9

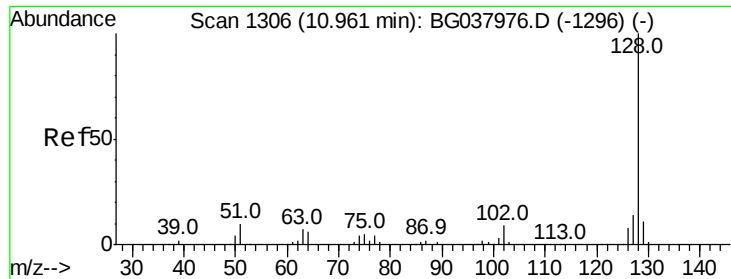


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

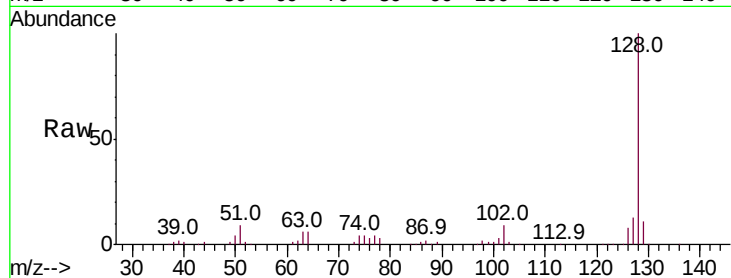




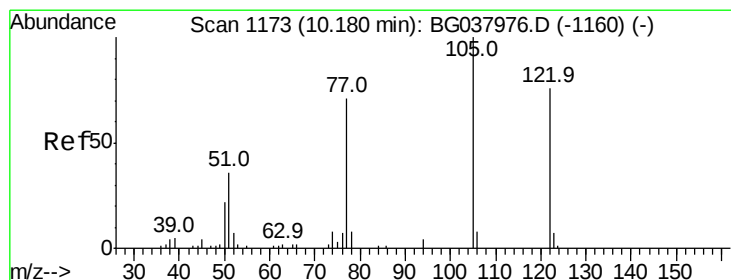
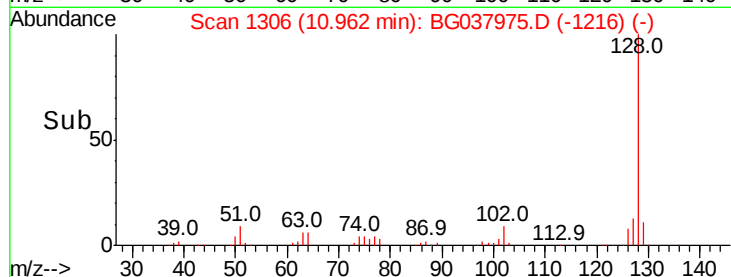
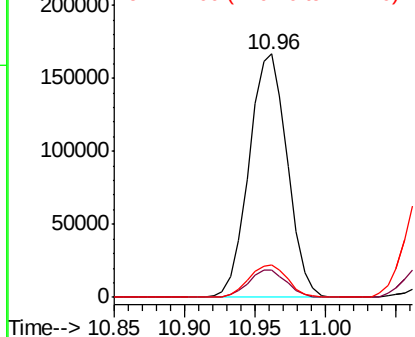
#31
Naphthalene
Concen: 25.409 ng
RT: 10.96 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 316748
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 11.1 16.7

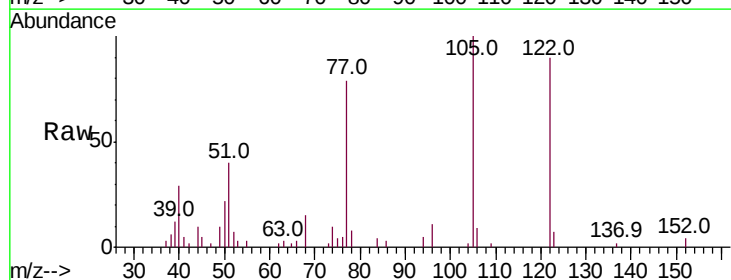


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

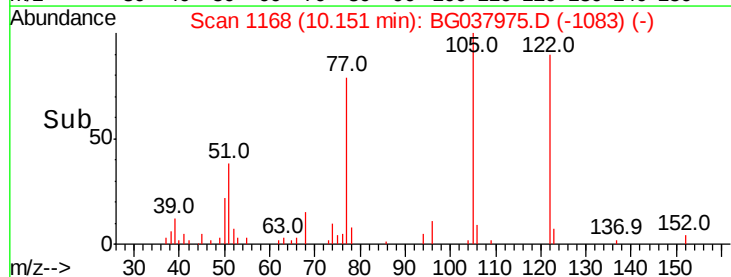
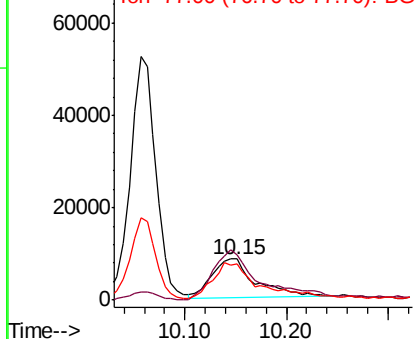


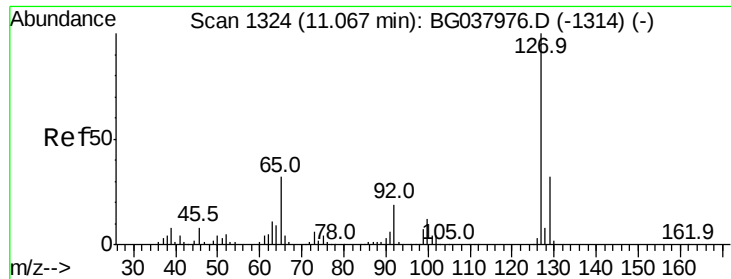
#32
Benzoic acid
Concen: 10.421 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:122 Resp: 25625
Ion Ratio Lower Upper
122 100
105 110.5 106.7 146.7
77 87.2 72.2 112.2



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

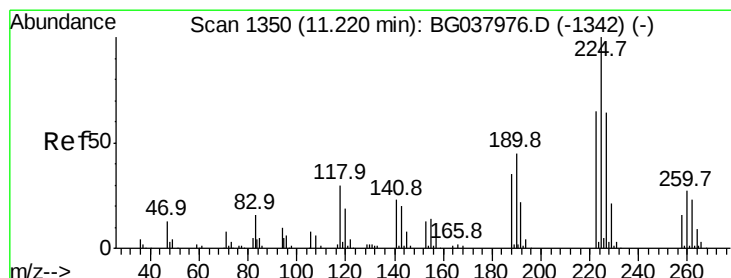
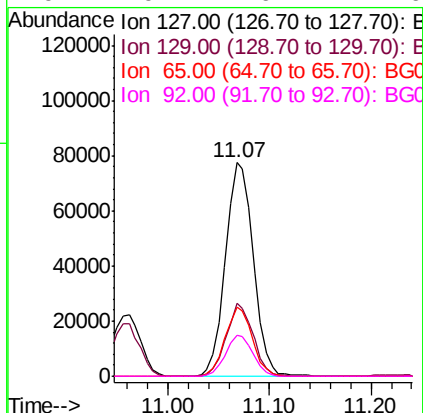
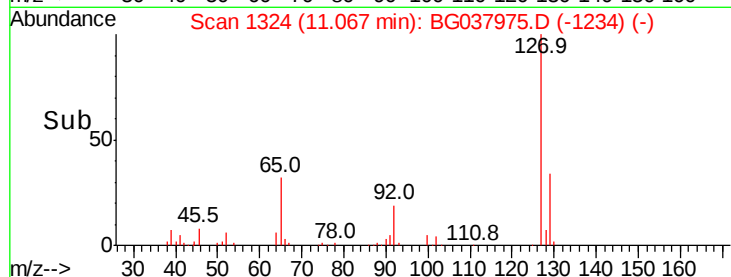
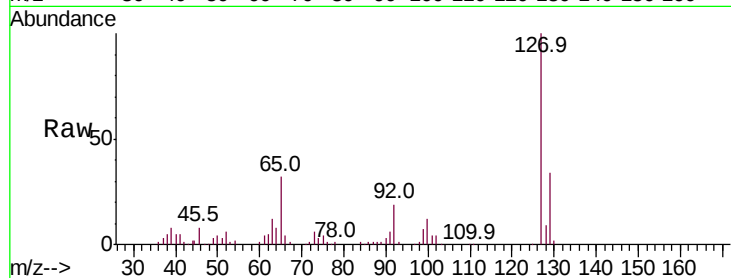




#33
4-Chloroaniline
Concen: 25.268 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

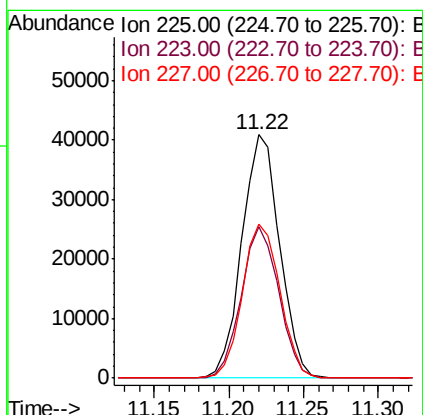
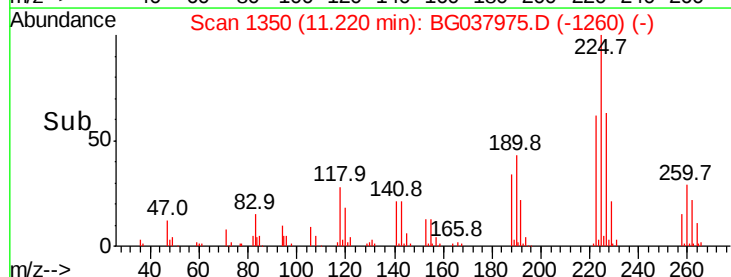
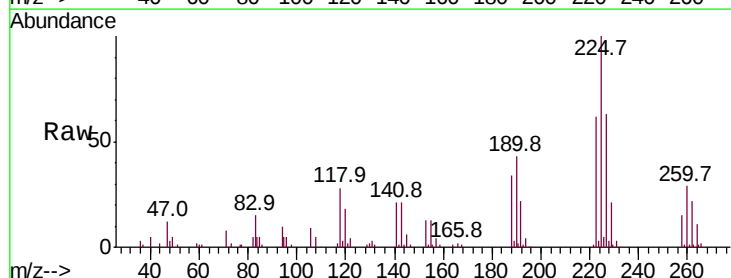
Instrument :
BNA_G
ClientSampled :

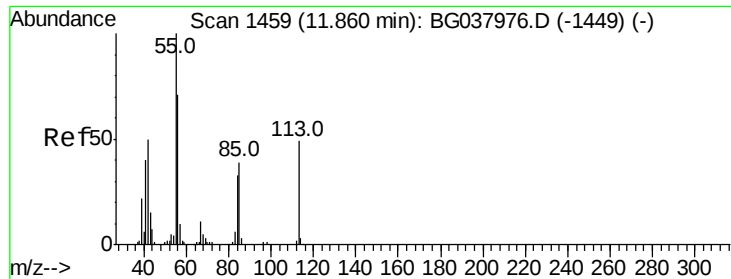
Tot Ion:	127	Resp:	148001
Ion	Ratio	Lower	Upper
127	100		
129	34.0	27.1	40.7
65	32.1	26.6	39.8
92	19.4	16.4	24.6



#34
Hexachlorobutadiene
Concen: 26.337 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:	225	Resp:	71549
Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.2	72.4
227	63.0	51.6	77.4





#35

Caprolactam

Concen: 25.338 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampled :

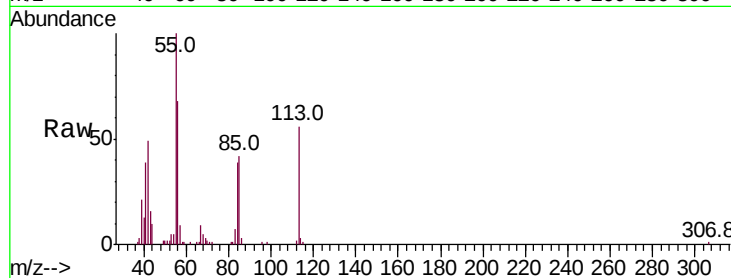
Tot Ion:113 Resp: 42835

Ion Ratio Lower Upper

113 100

55 179.2 176.6 216.6

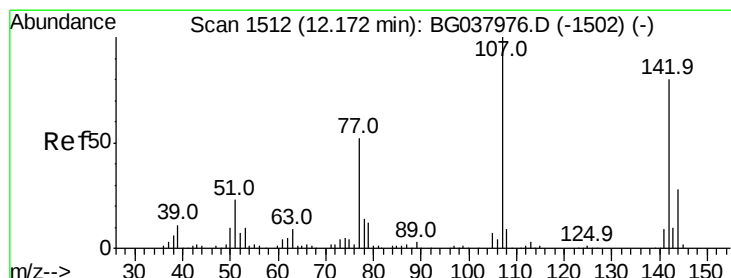
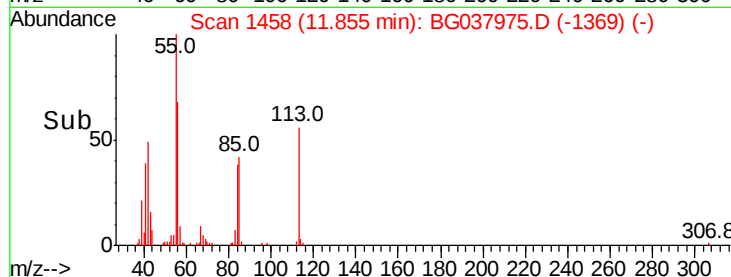
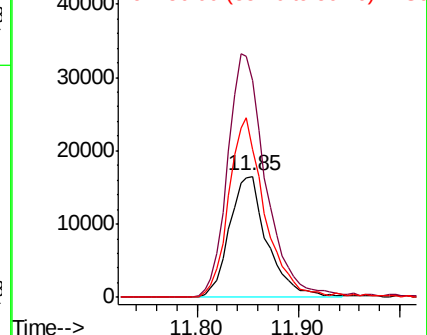
56 121.9 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 23.845 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

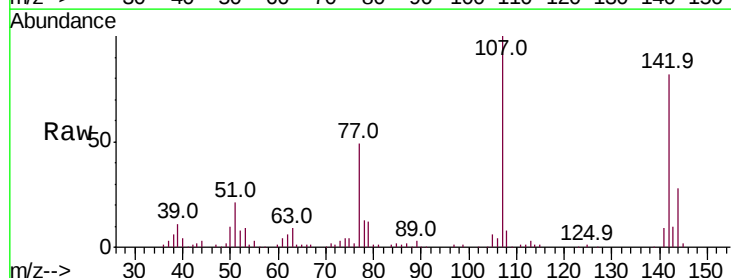
Tgt Ion:107 Resp: 113350

Ion Ratio Lower Upper

107 100

144 28.0 20.7 31.1

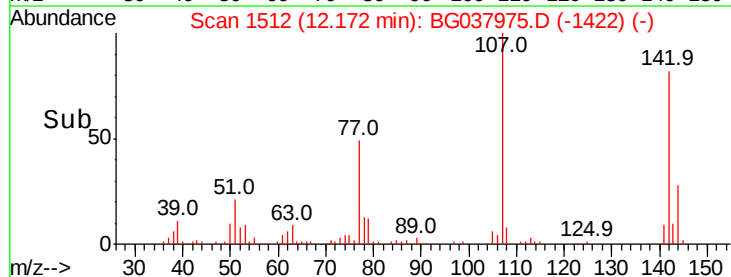
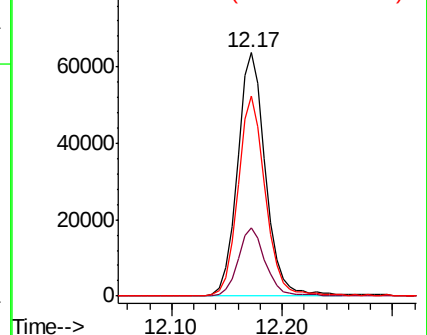
142 82.0 64.4 96.6

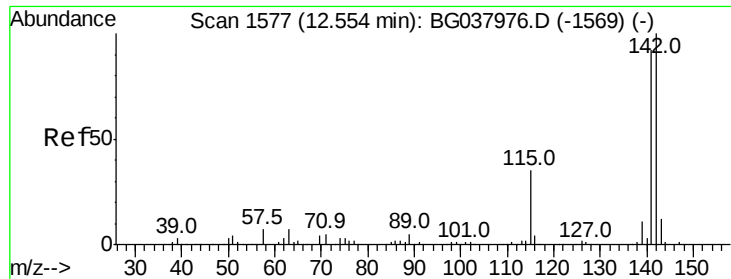


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

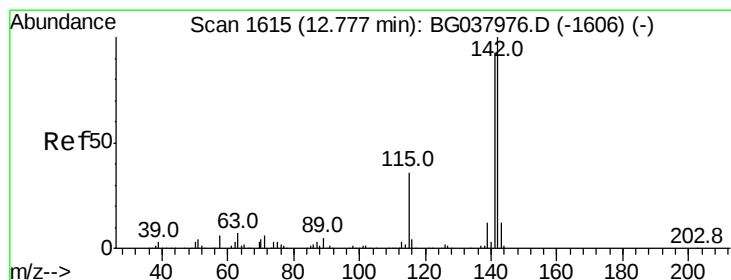
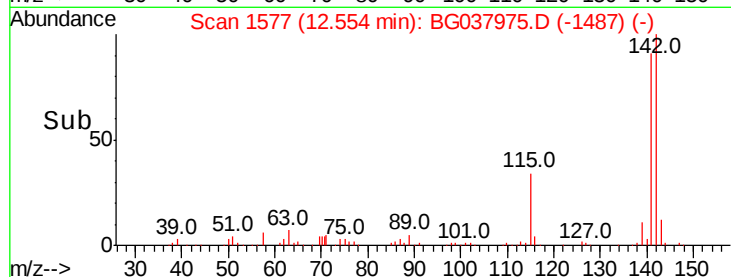
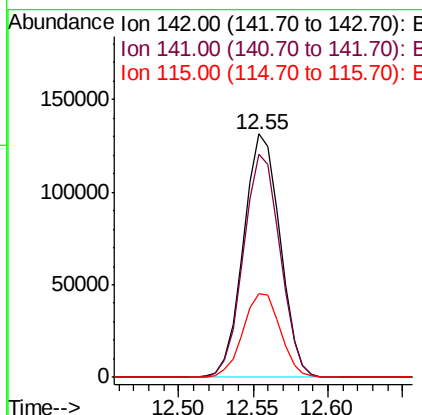
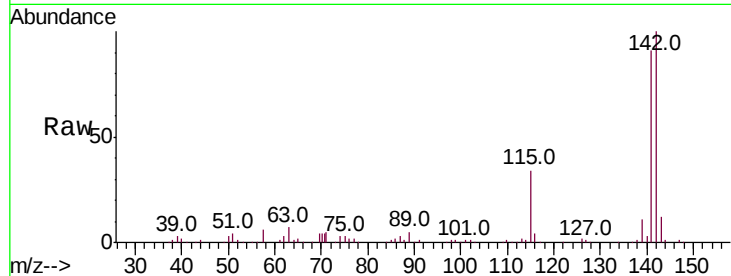




#37
 2-Methylnaphthalene
 Concen: 24.543 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

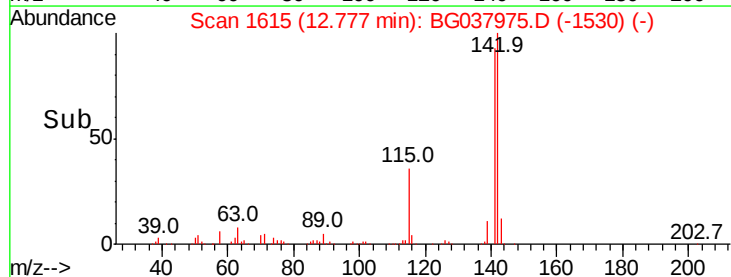
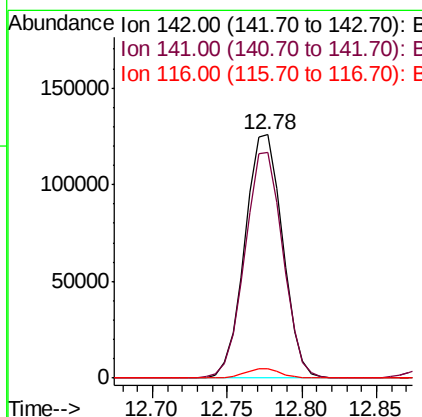
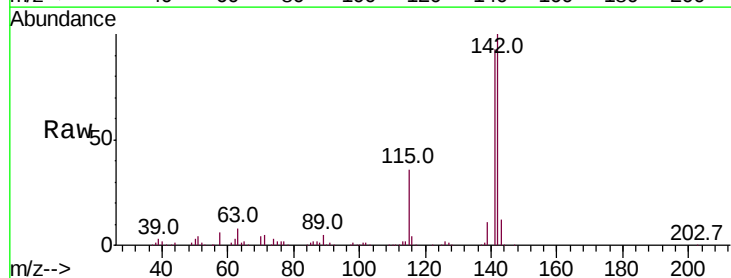
Instrument :
 BNA_G
 ClientSampleId :

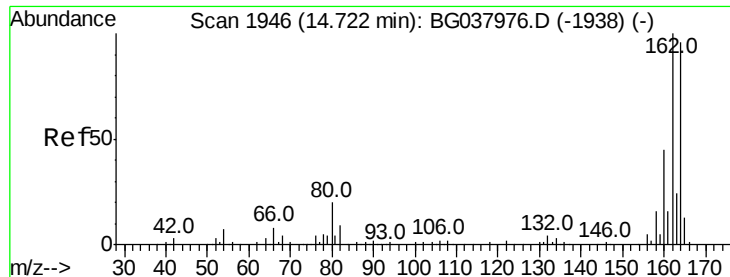
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
115	34.3	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 24.890 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.2	112.8
116	3.6	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampled :

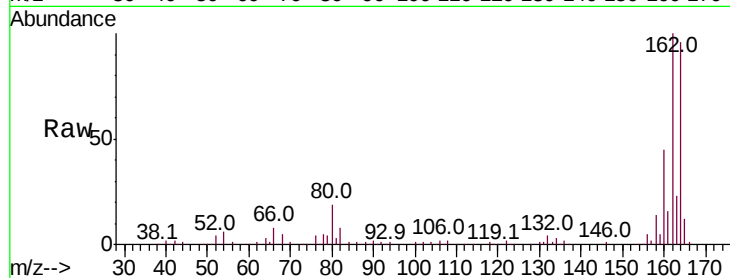
Tot Ion:164 Resp: 157907

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

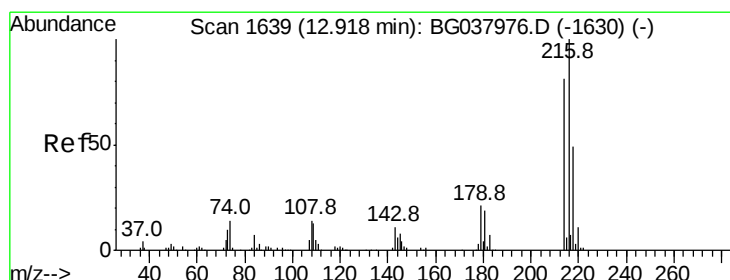
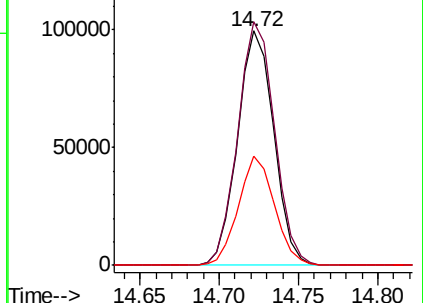
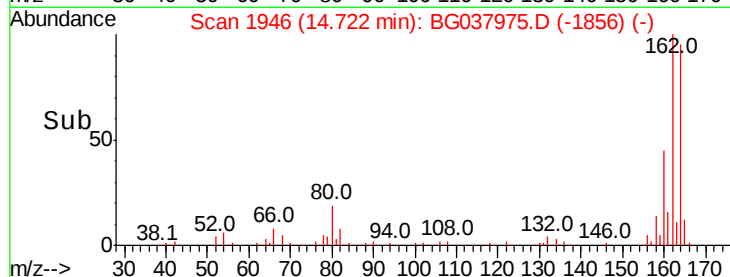
160 46.8 36.3 54.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.059 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Tgt Ion:216 Resp: 132729

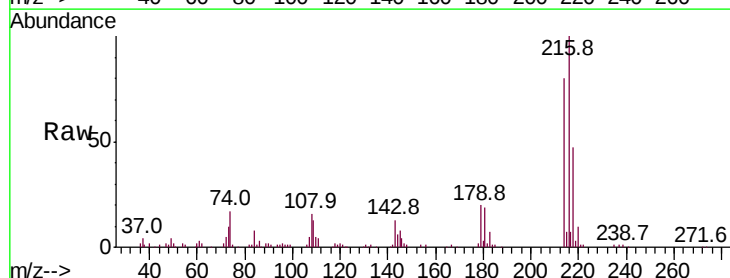
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.2 17.4 26.0

108 17.2 13.9 20.9

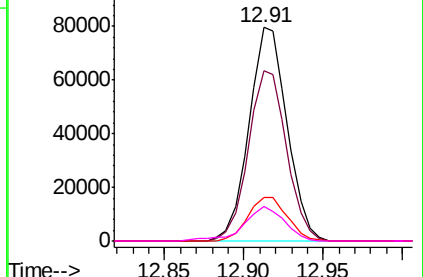
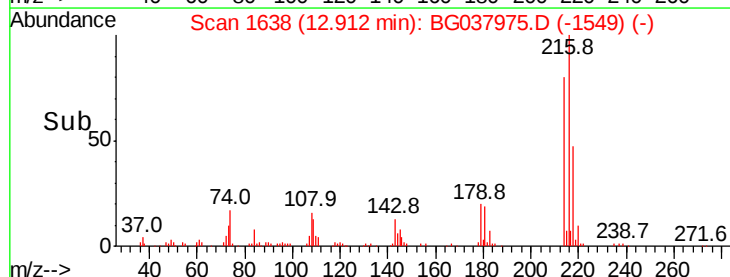


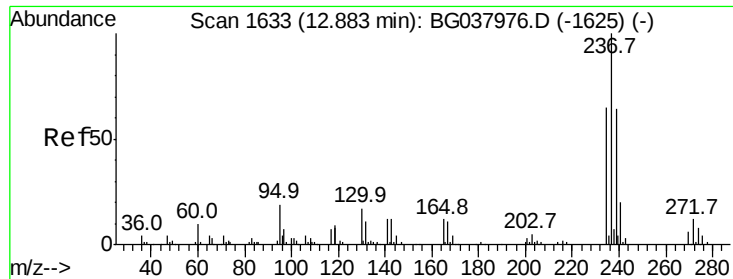
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 28.190 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

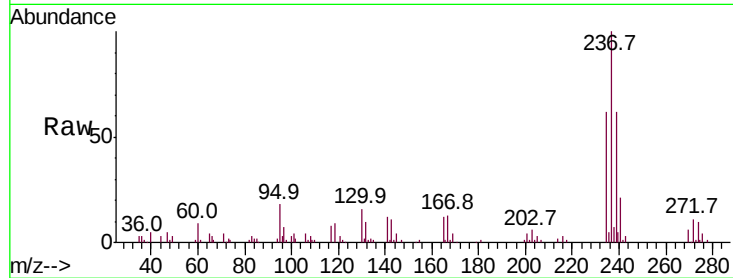
Instrument :

BNA_G

ClientSampled :

Tot Ion:237 Resp: 68585

Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.5	82.5
272	11.3	0.0	31.6

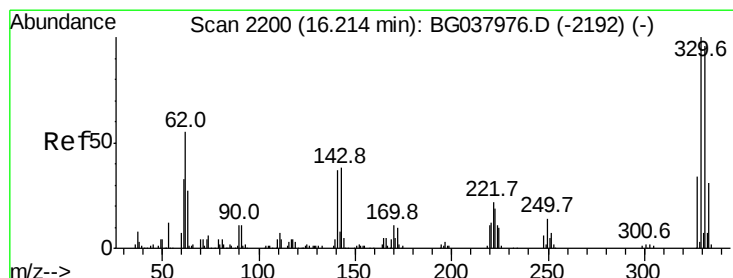
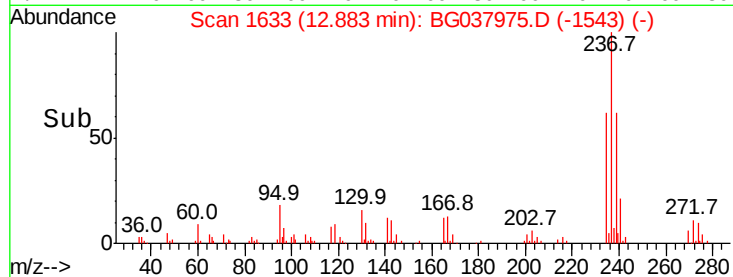
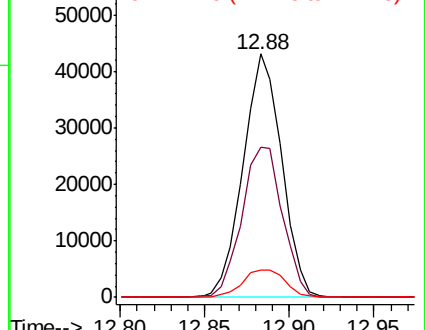


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 52.474 ng

RT: 16.21 min Scan# 2199

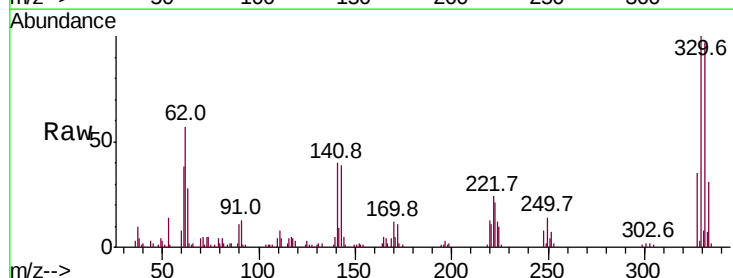
Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Tgt Ion:330 Resp: 90375

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.4	117.6
141	39.0	32.2	48.2

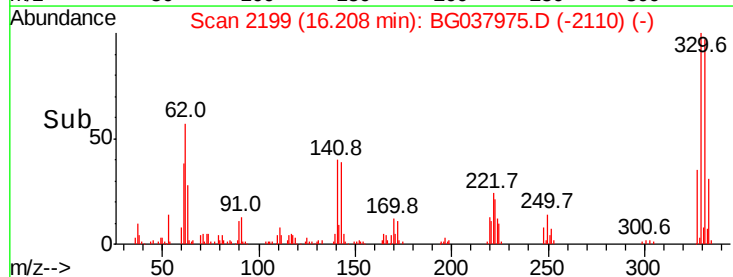
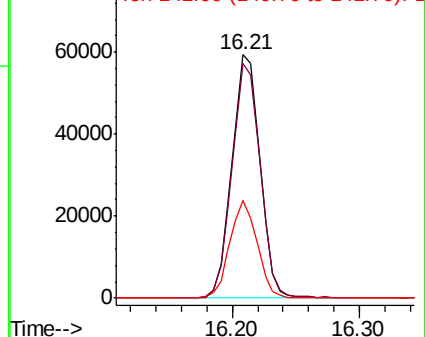


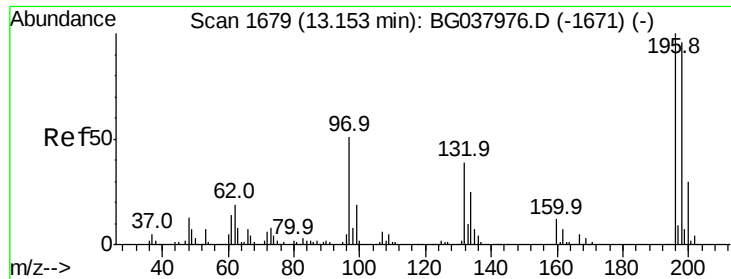
Abundance

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

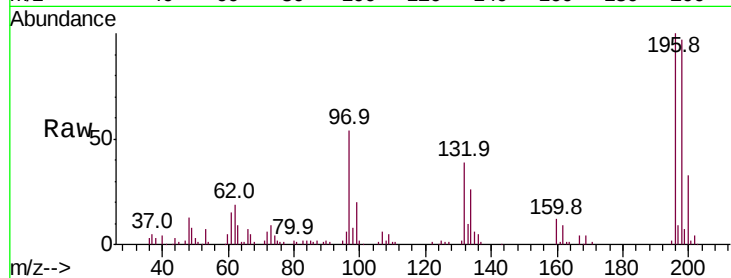




#43
 2,4,6-Trichlorophenol
 Concen: 26.333 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	89607
Ion Ratio	100		
Lower		76.4	
Upper		114.6	
198	97.4		
200	33.4		

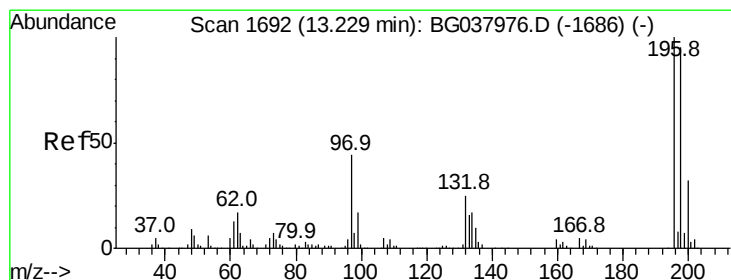
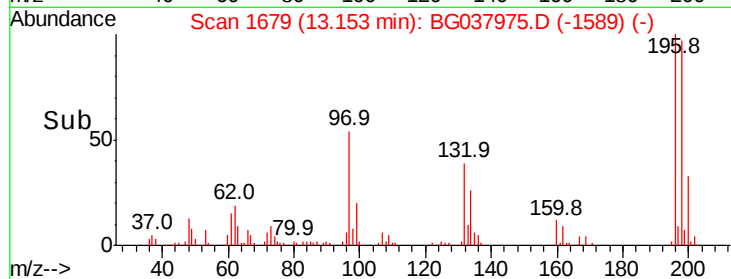
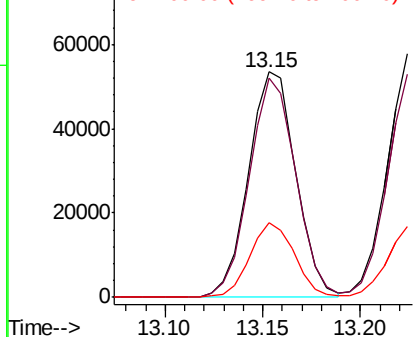


Abundance

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



#44
 2,4,5-Trichlorophenol
 Concen: 26.074 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion	196	Resp	96602
Ion Ratio	100		
Lower		74.2	
Upper		111.2	
198	91.6		
97	44.5		
132	25.1		

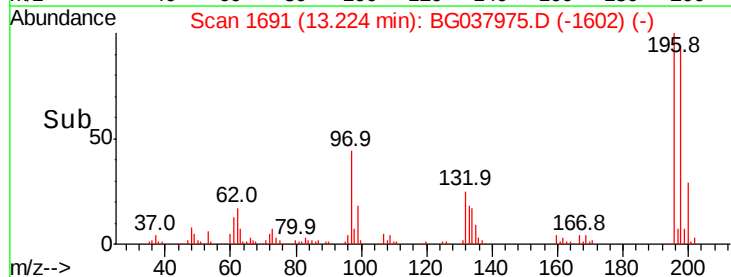
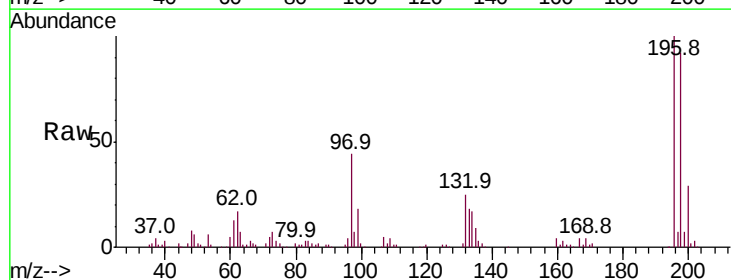
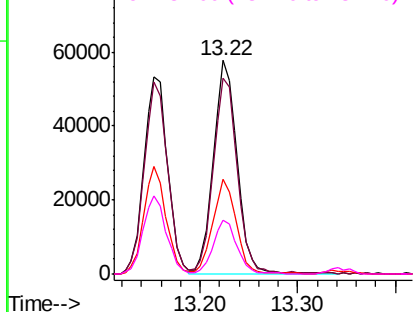
Abundance

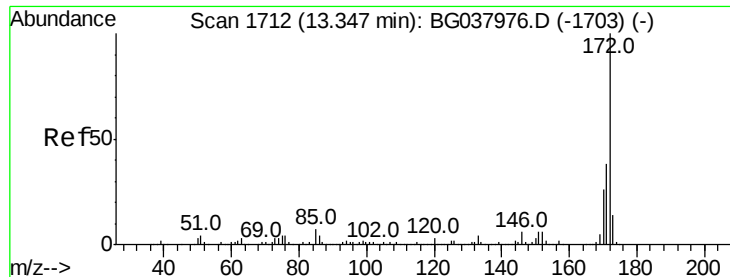
Ion 196.00 (195.70 to 196.70): E

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

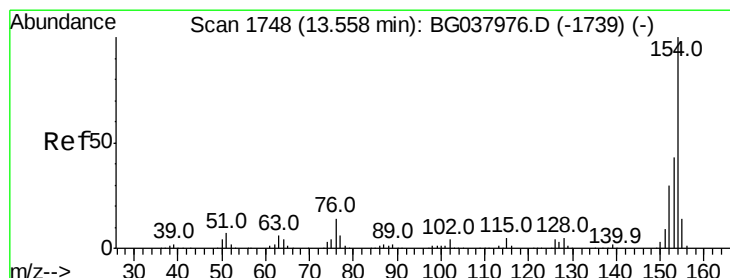
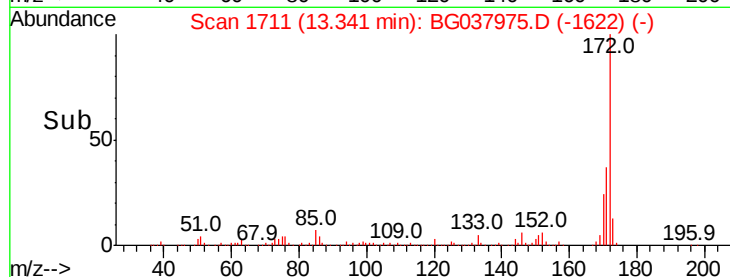
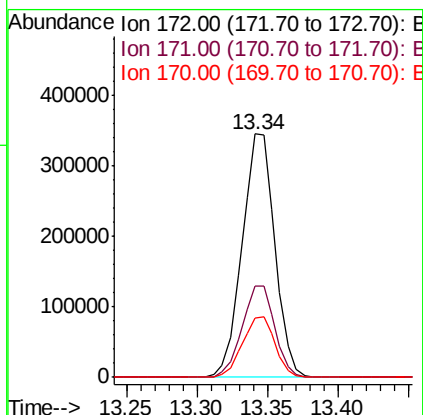
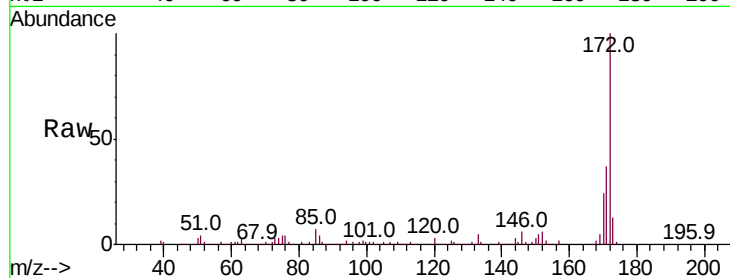




#45
2-Fluorobiphenyl
Concen: 53.240 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

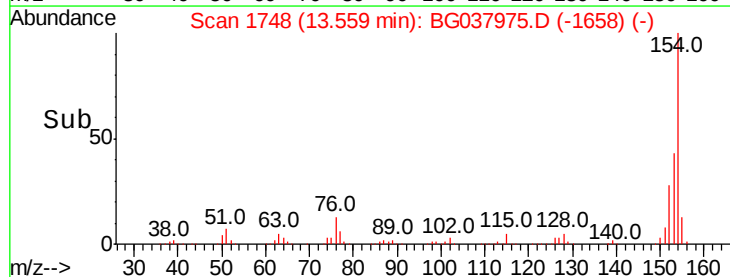
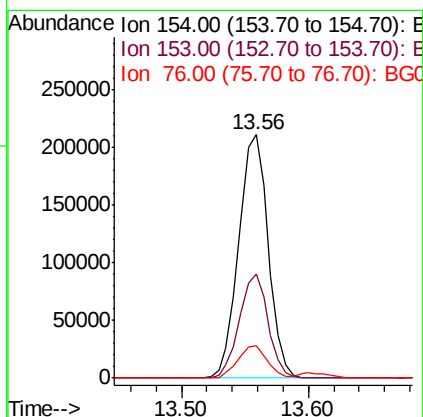
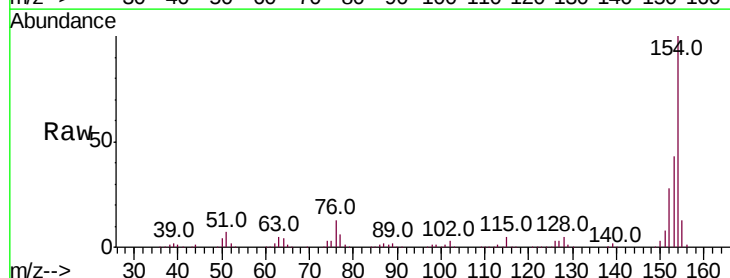
Instrument :
BNA_G
ClientSampleId :

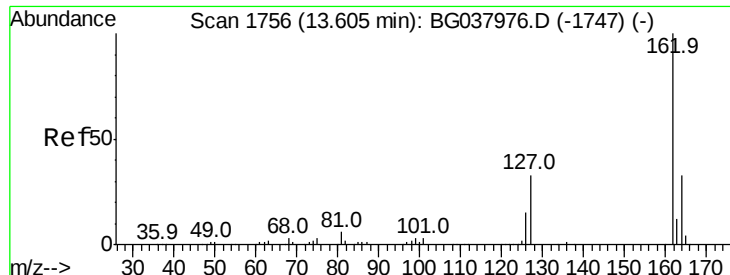
Tot Ion:172 Resp: 557512
Ion Ratio Lower Upper
172 100
171 37.4 31.0 46.4
170 24.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 25.903 ng
RT: 13.56 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:154 Resp: 338740
Ion Ratio Lower Upper
154 100
153 42.9 22.1 62.1
76 13.2 0.0 33.2

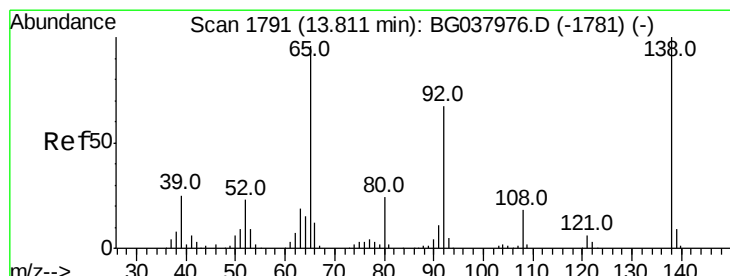
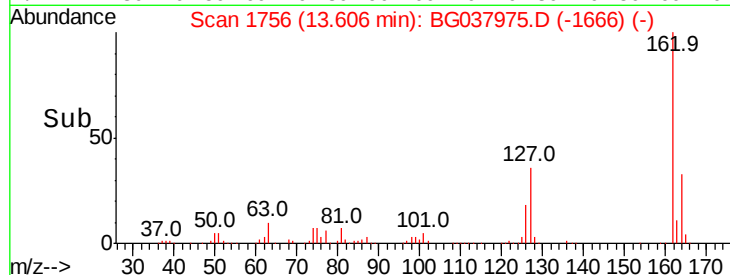
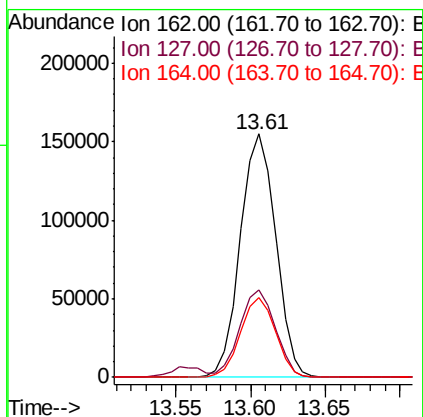
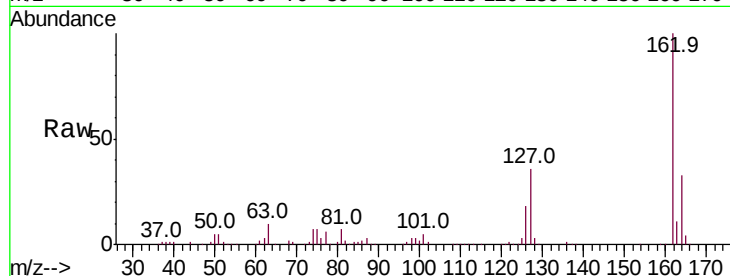




#47
 2-Chloronaphthalene
 Concen: 25.804 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

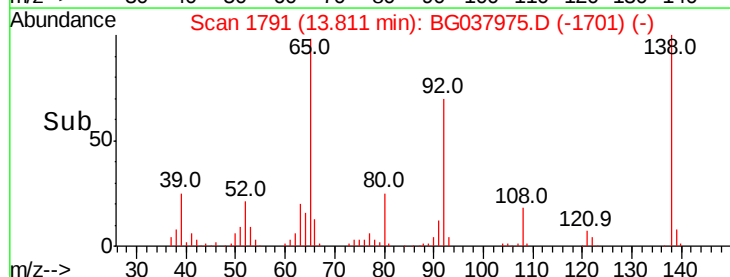
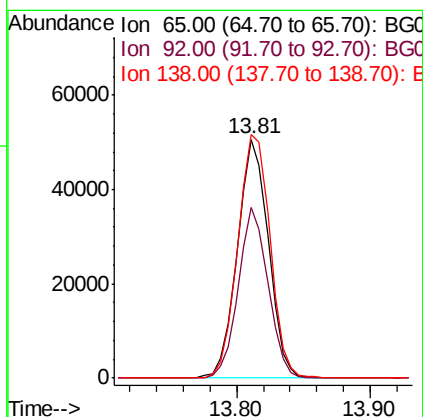
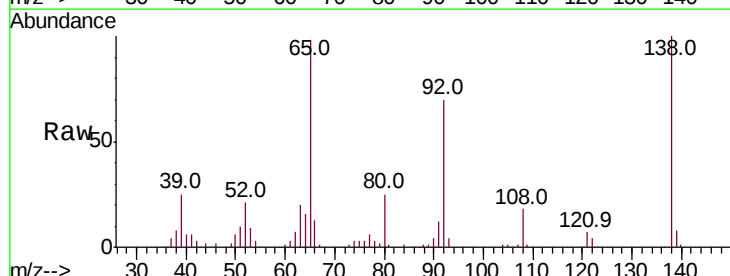
Instrument :
 BNA_G
 ClientSampled :

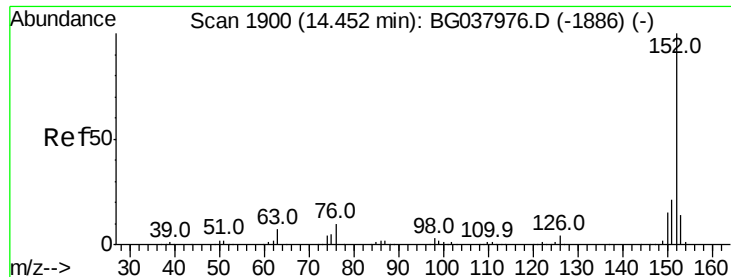
Tot Ion:162 Resp: 255297
 Ion Ratio Lower Upper
 162 100
 127 36.2 30.5 45.7
 164 32.6 26.4 39.6



#48
 2-Nitroaniline
 Concen: 27.115 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion: 65 Resp: 81353
 Ion Ratio Lower Upper
 65 100
 92 71.3 53.2 79.8
 138 102.0 79.3 118.9





#49

Acenaphthylene

Concen: 26.180 ng

RT: 14.45 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

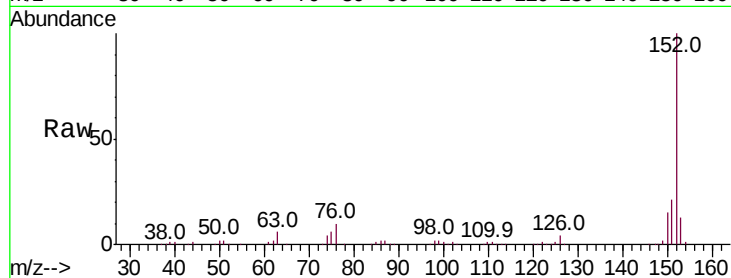
Tot Ion:152 Resp: 389631

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

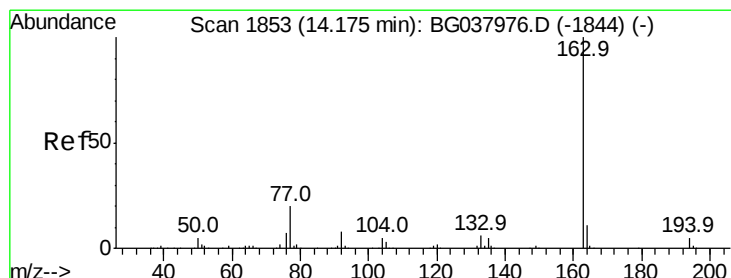
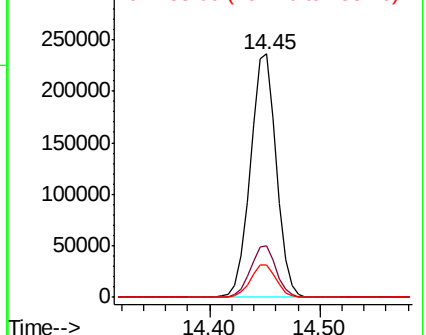
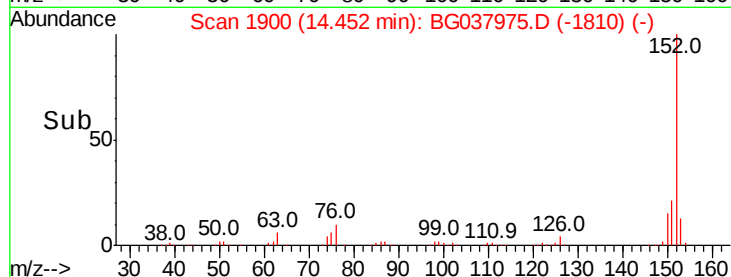
153 13.5 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 26.195 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

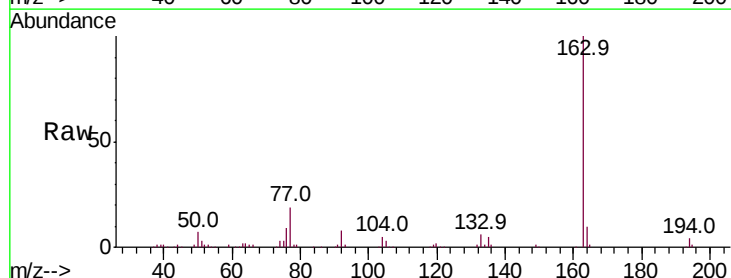
Tgt Ion:163 Resp: 320000

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

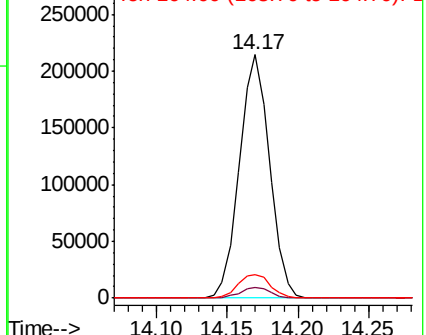
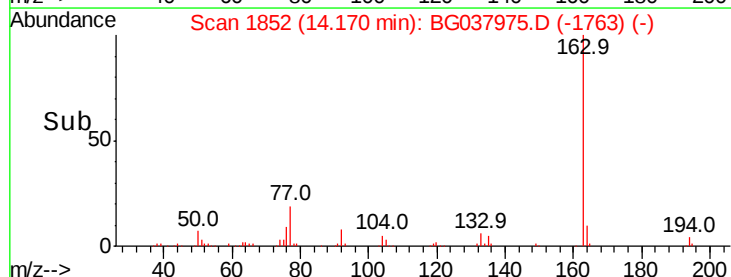
164 9.7 8.5 12.7

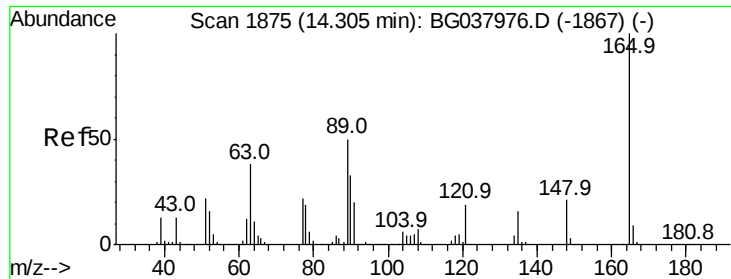


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

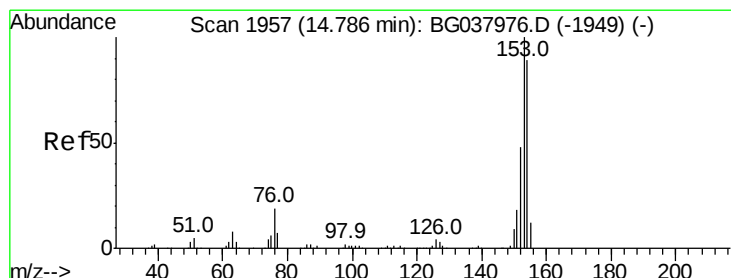
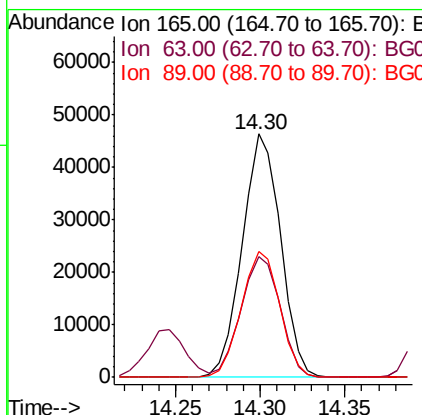
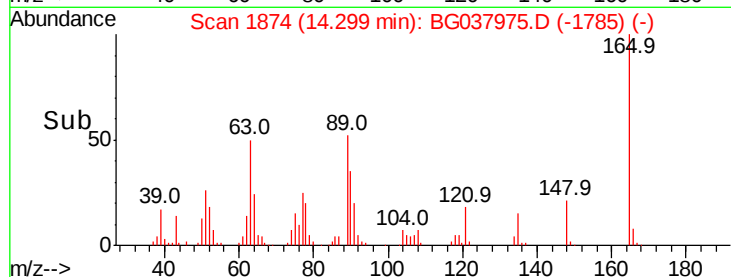
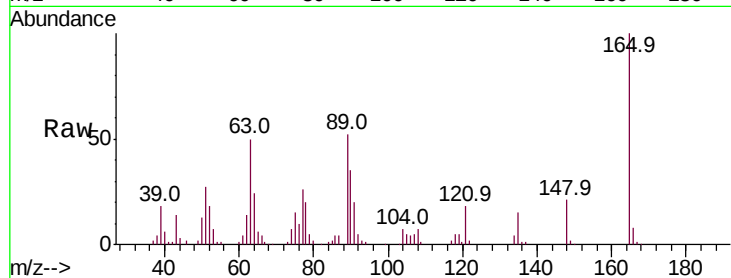




#51
 2,6-Dinitrotoluene
 Concen: 27.109 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

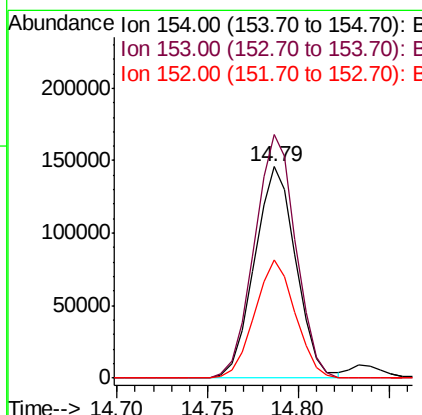
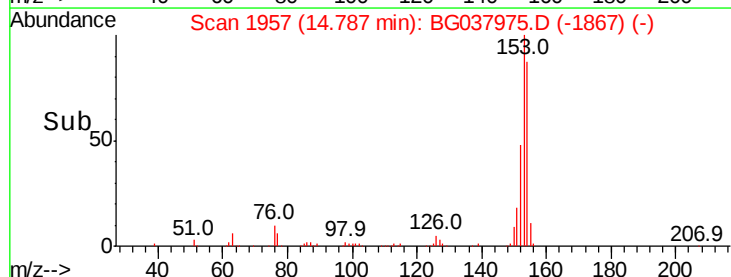
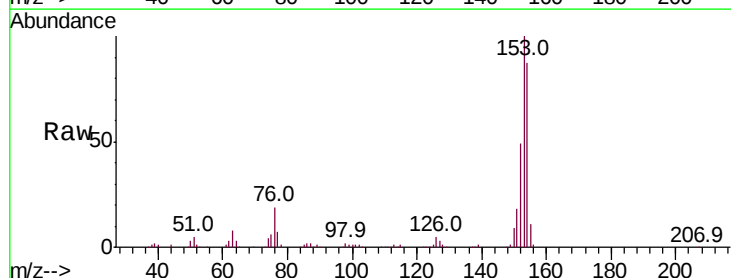
Instrument :
 BNA_G
 ClientSampleId :

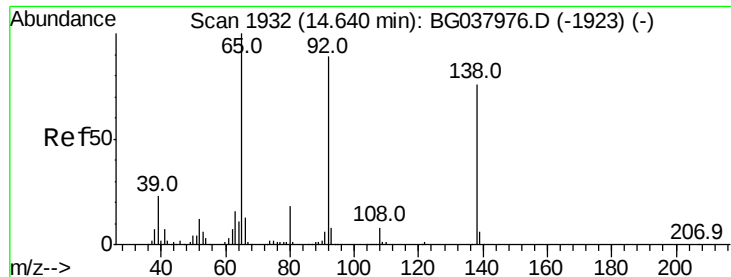
Tot Ion:165 Resp: 73261
 Ion Ratio Lower Upper
 165 100
 63 49.8 43.4 65.2
 89 51.6 45.8 68.6



#52
 Acenaphthene
 Concen: 25.390 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion:154 Resp: 232718
 Ion Ratio Lower Upper
 154 100
 153 115.1 93.4 140.0
 152 56.1 44.7 67.1

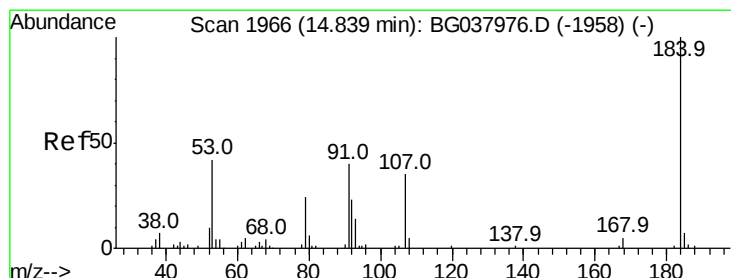
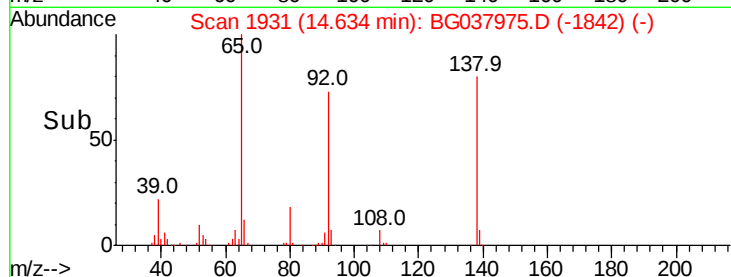
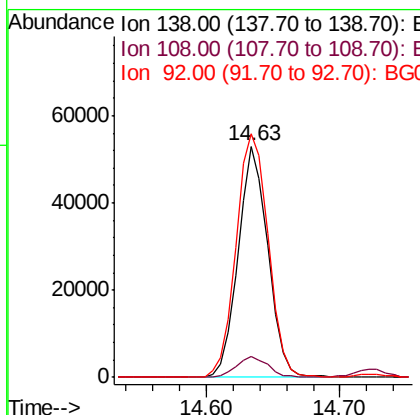
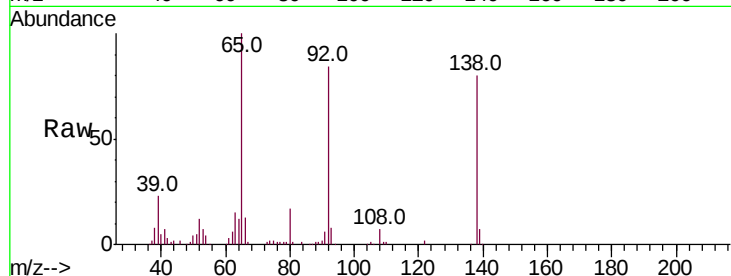




#53
3-Nitroaniline
Concen: 27.096 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

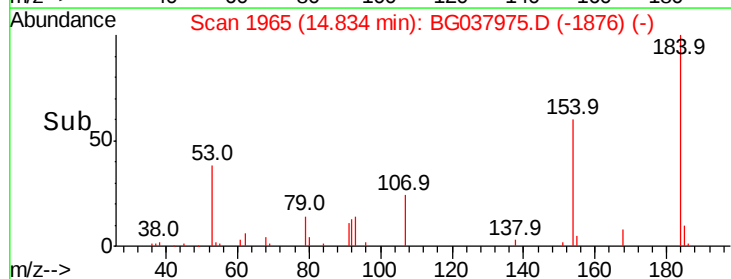
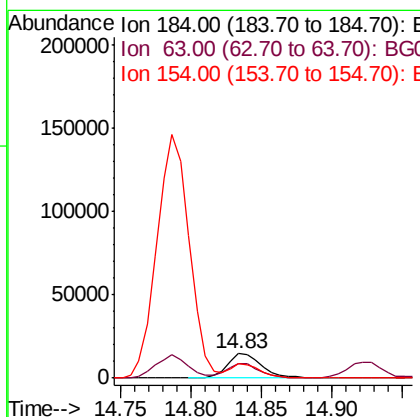
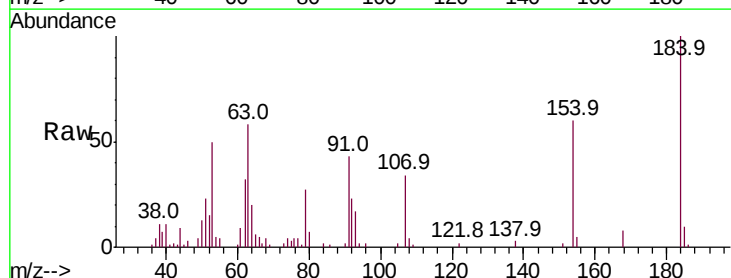
Instrument :
BNA_G
ClientSampleId :

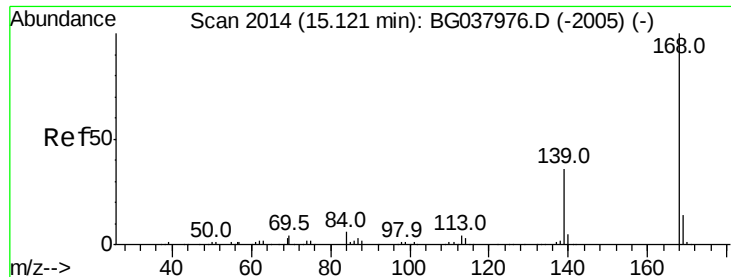
Tot Ion:138 Resp: 81289
Ion Ratio Lower Upper
138 100
108 8.9 11.0 16.6#
92 105.3 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 32.326 ng
RT: 14.83 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:184 Resp: 25413
Ion Ratio Lower Upper
184 100
63 58.3 42.6 63.8
154 60.4 41.8 62.6

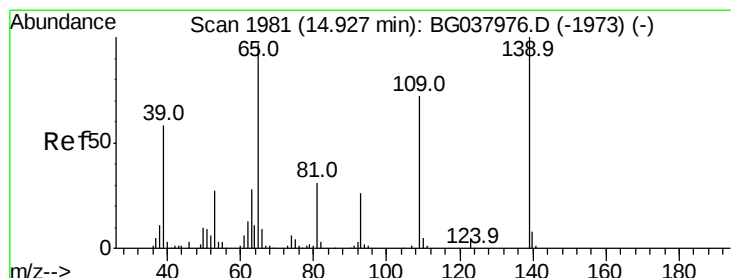
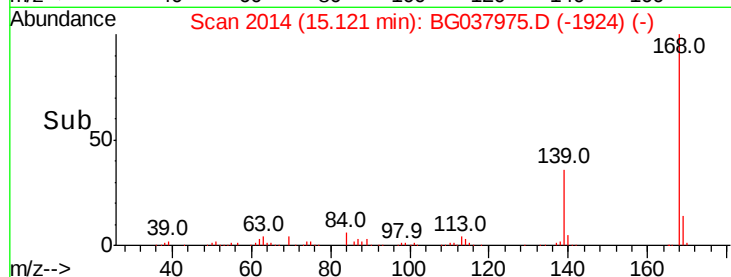
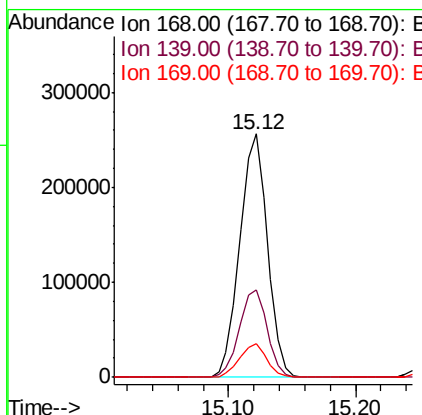
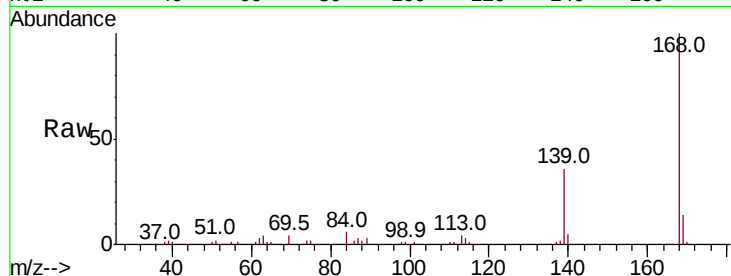




#55
Dibenzofuran
Concen: 25.449 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

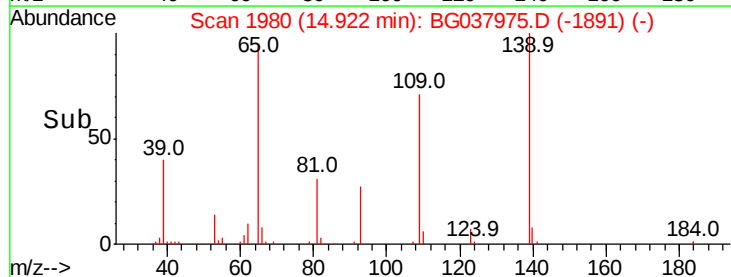
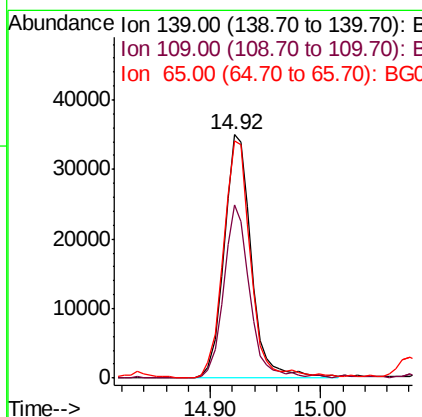
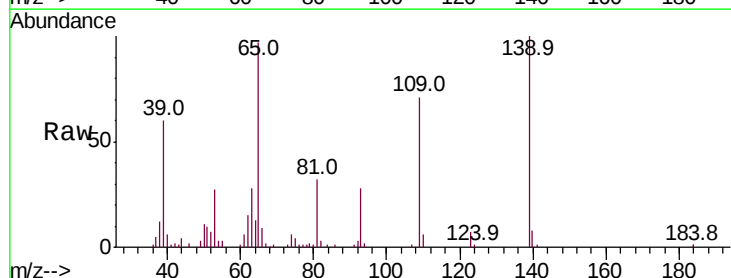
Instrument :
BNA_G
ClientSampleId :

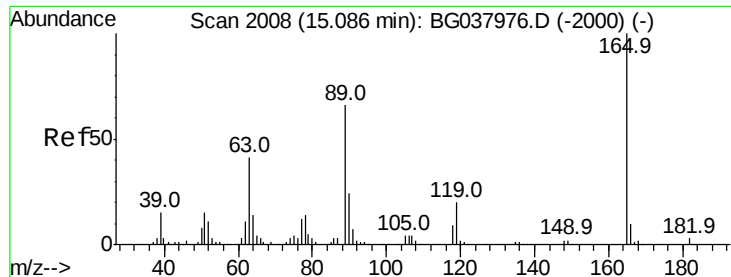
Tot Ion:168 Resp: 386478
Ion Ratio Lower Upper
168 100
139 35.8 29.4 44.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 27.142 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:139 Resp: 60272
Ion Ratio Lower Upper
139 100
109 70.9 49.5 89.5
65 97.3 76.8 116.8

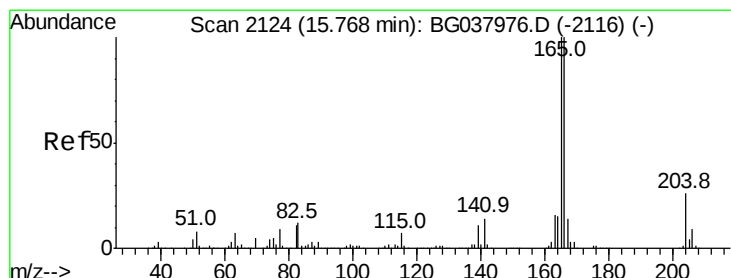
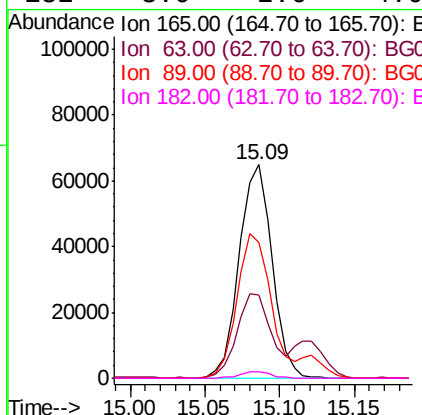
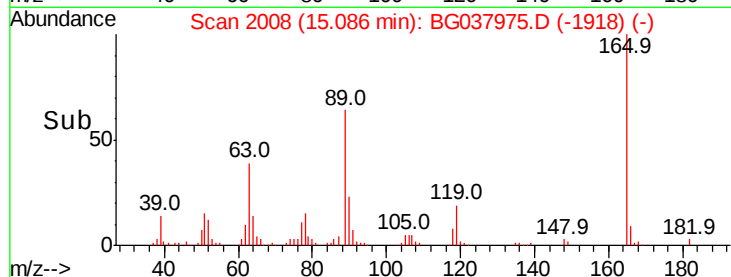
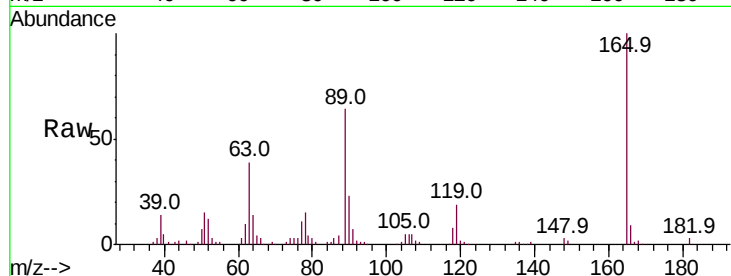




#57
2,4-Dinitrotoluene
Concen: 27.960 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

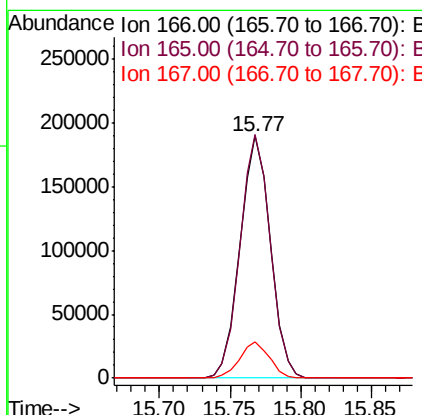
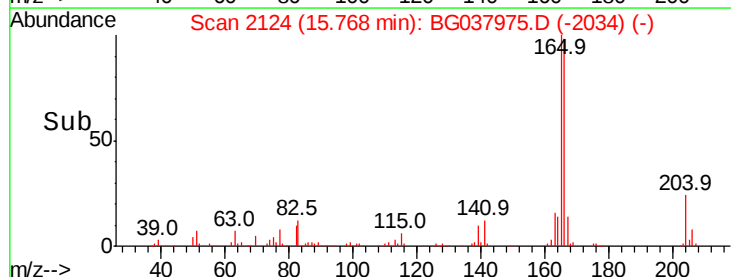
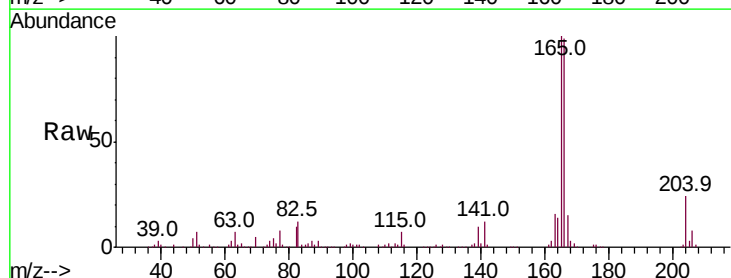
Instrument :
BNA_G
ClientSampled :

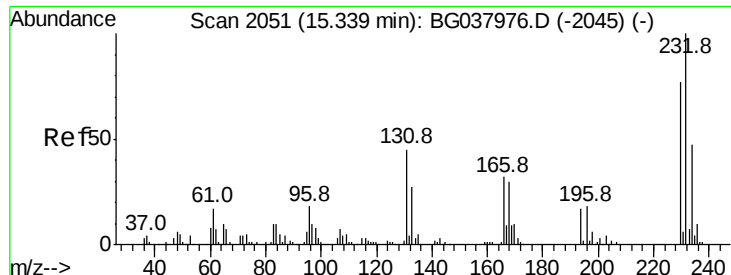
Tot Ion:165 Resp: 99184
Ion Ratio Lower Upper
165 100
63 38.7 33.4 50.0
89 63.6 57.2 85.8
182 3.0 2.6 4.0



#58
Fluorene
Concen: 25.052 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:166 Resp: 284899
Ion Ratio Lower Upper
166 100
165 100.7 79.0 118.6
167 15.1 11.3 16.9

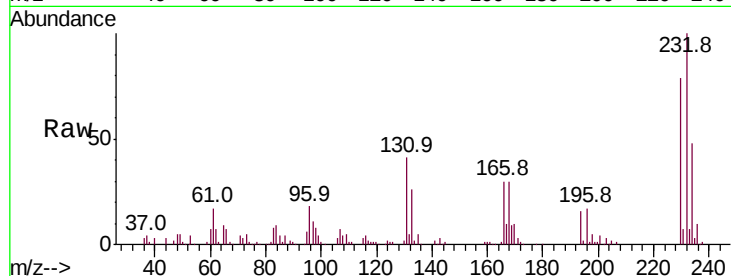




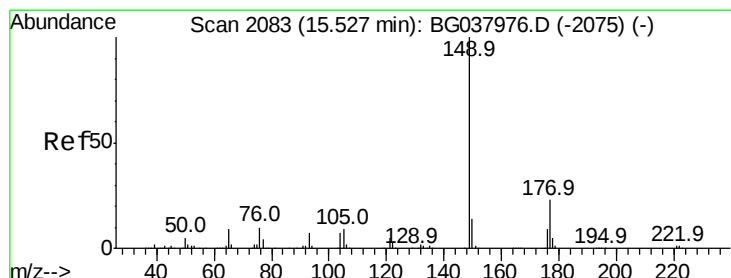
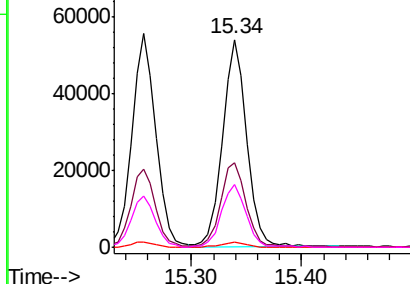
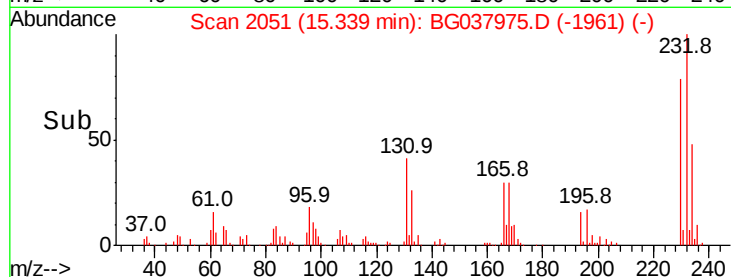
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.932 ng
RT: 15.34 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 82258
Ion Ratio Lower Upper
232 100
131 42.3 33.7 50.5
130 2.4 2.1 3.1
166 31.3 24.6 36.8

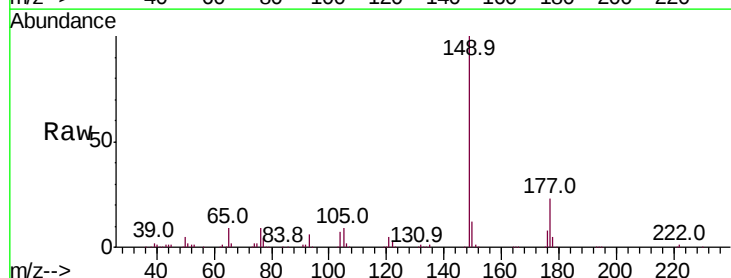


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

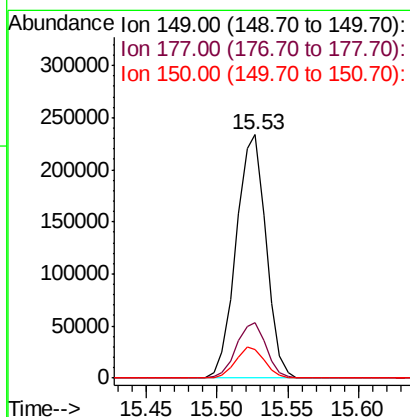
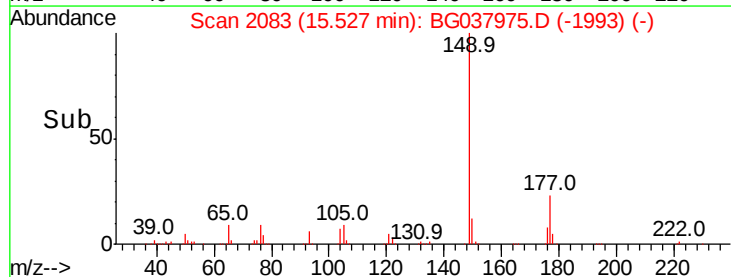


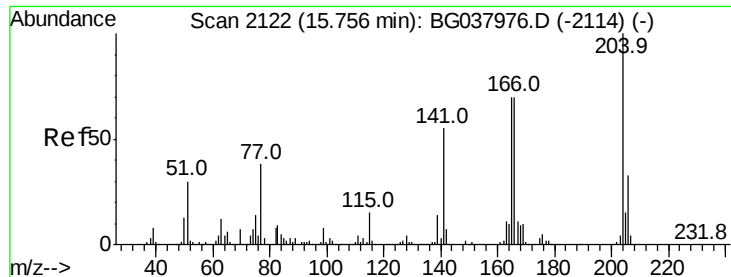
#60
Diethylphthalate
Concen: 27.440 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:149 Resp: 344146
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 11.8 10.0 15.0



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





#61

4-Chlorophenyl-phenylether

Concen: 25.203 ng

RT: 15.76 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampled :

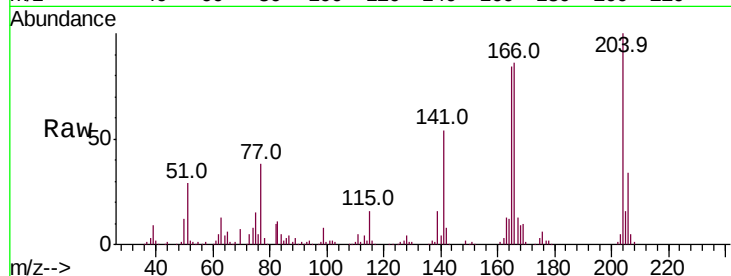
Tot Ion:204 Resp: 167059

Ion Ratio Lower Upper

204 100

206 33.5 26.6 39.8

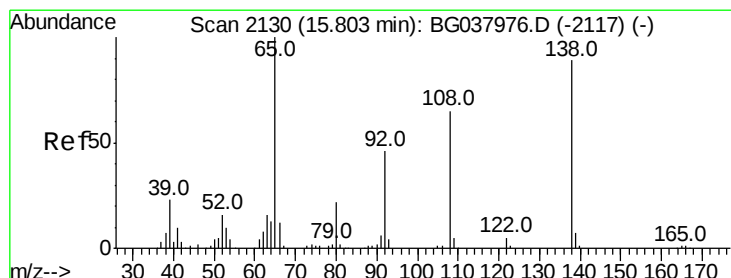
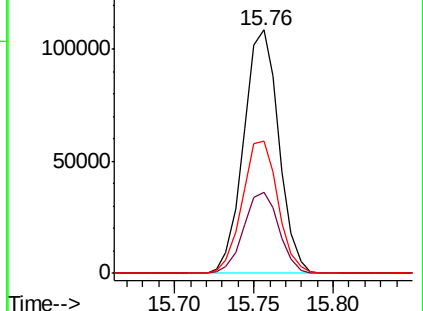
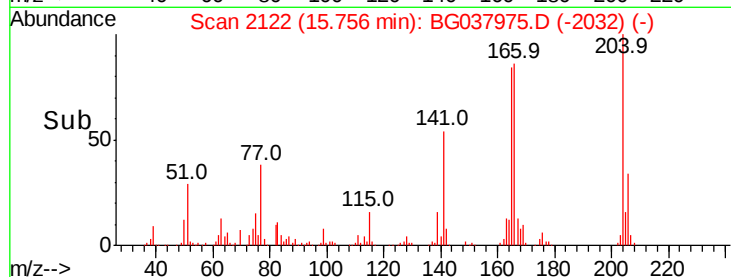
141 54.3 45.4 68.2



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



#62

4-Nitroaniline

Concen: 27.473 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

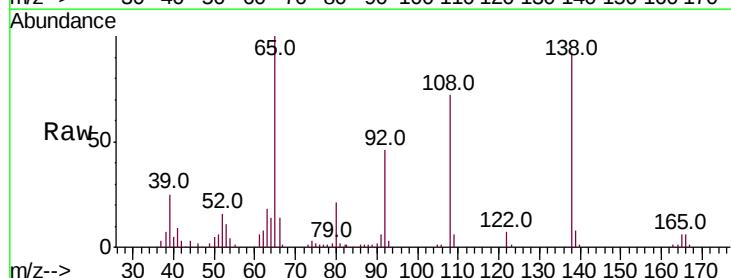
Tgt Ion:138 Resp: 81900

Ion Ratio Lower Upper

138 100

92 49.2 36.4 76.4

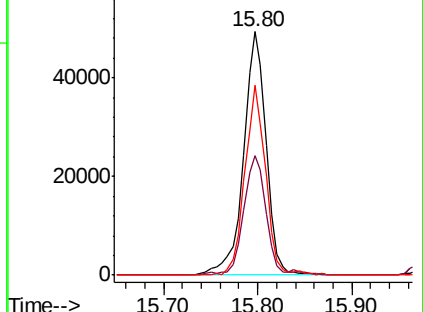
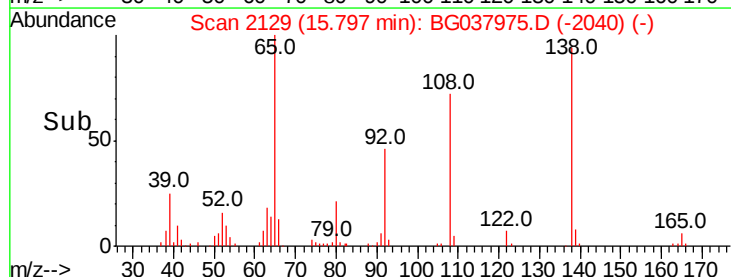
108 77.8 60.1 100.1

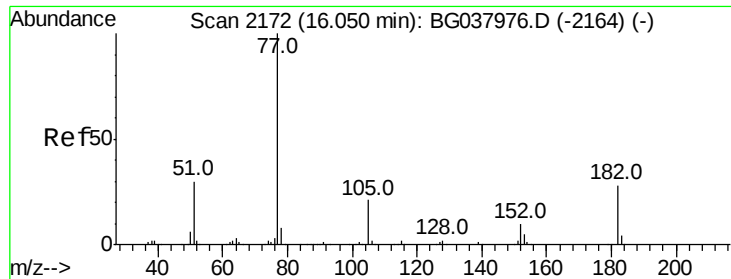


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

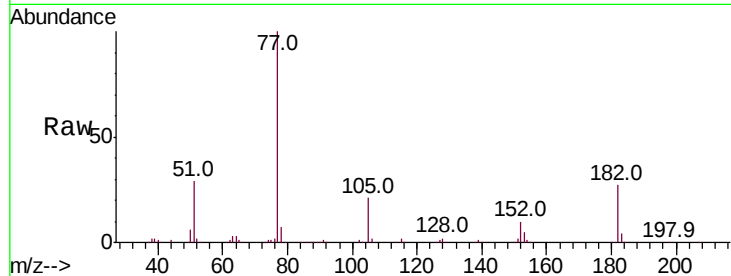




#63
Azobenzene
Concen: 25.551 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	8.0	48.0
105	21.2	1.3	41.3
51	29.4	10.7	50.7



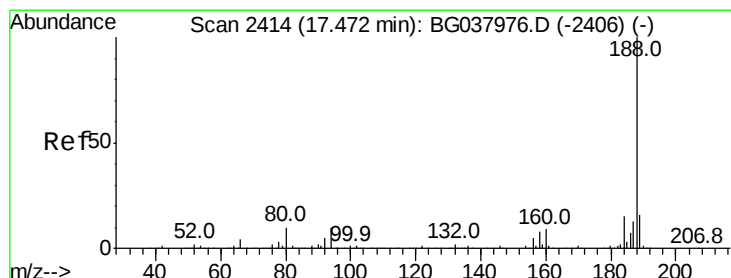
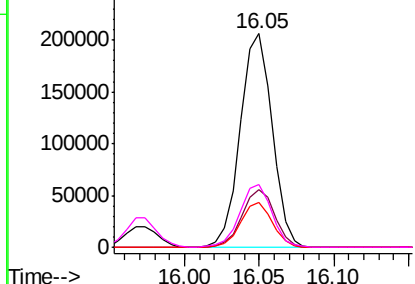
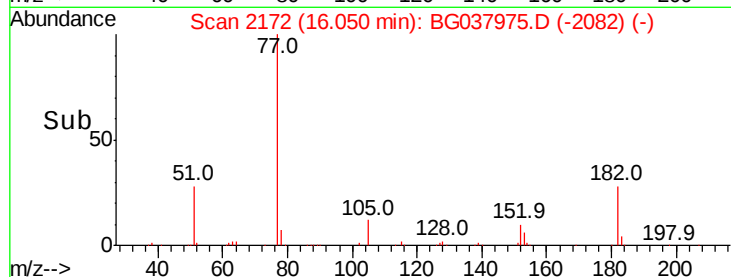
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

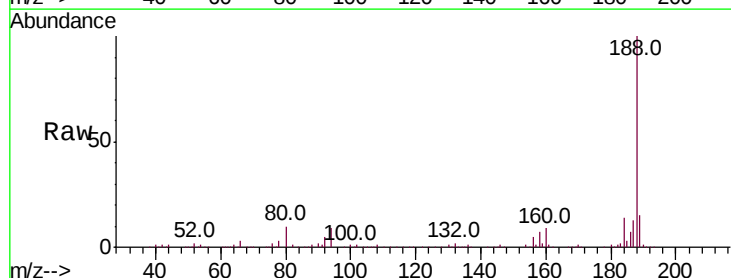
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.6	7.7	11.5

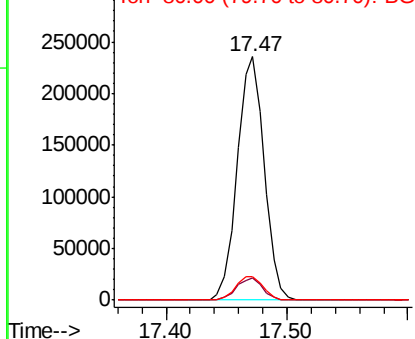
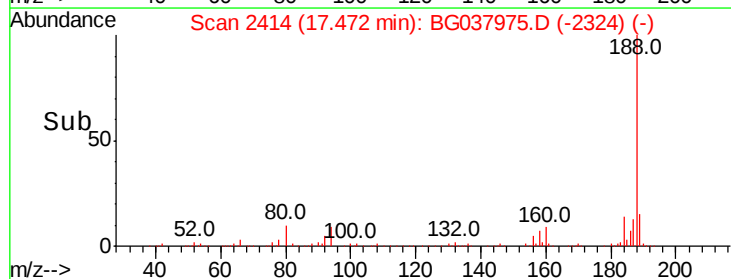


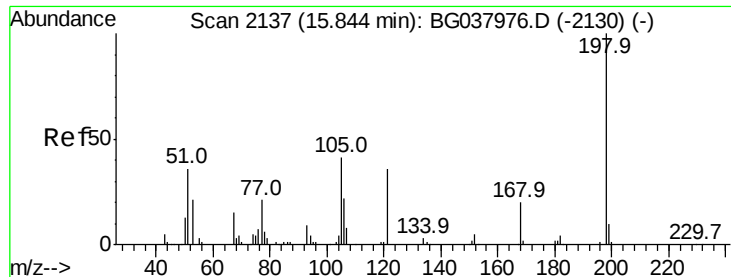
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

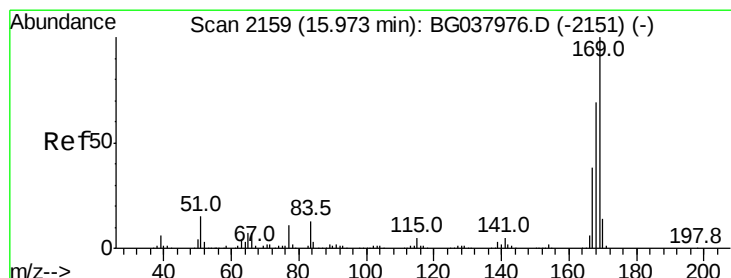
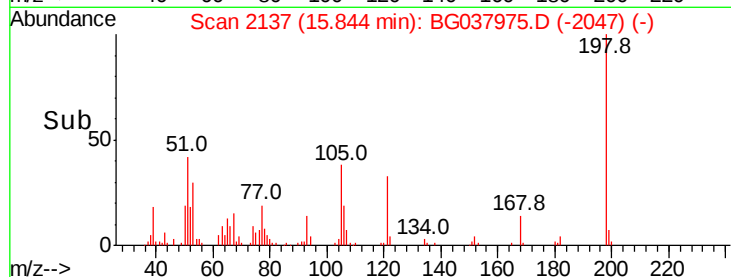
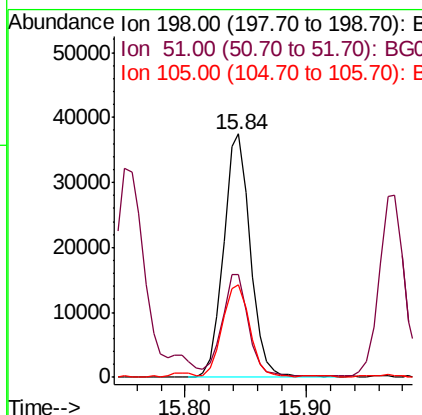
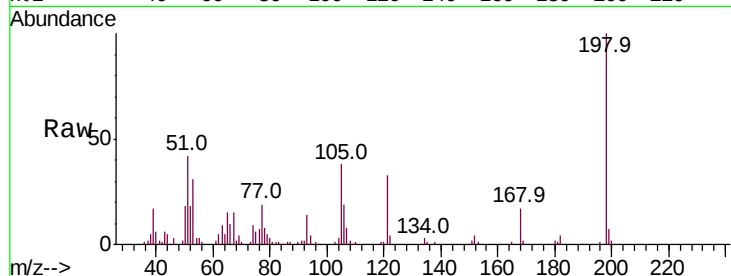




#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.858 ng
 RT: 15.84 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

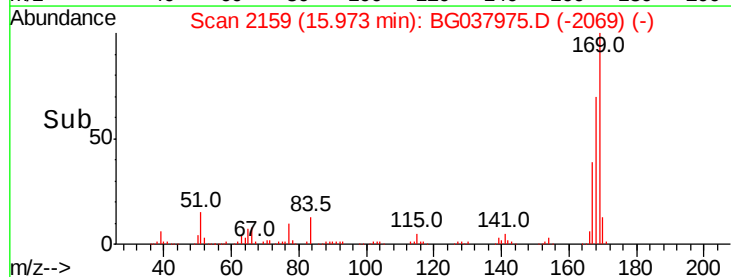
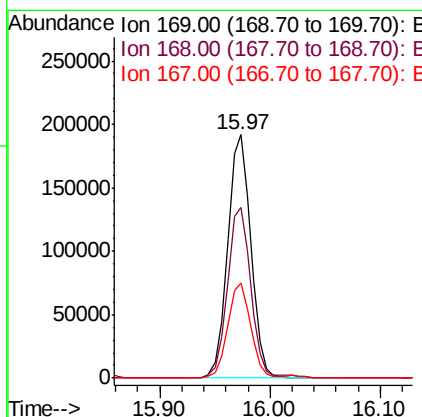
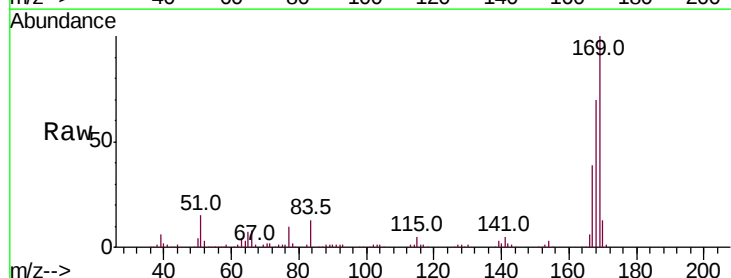
Instrument :
 BNA_G
 ClientSampleId :

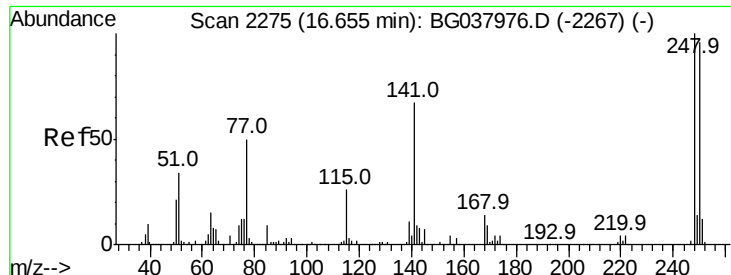
Tot Ion:198 Resp: 57351
 Ion Ratio Lower Upper
 198 100
 51 42.0 22.7 62.7
 105 38.1 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 25.613 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion:169 Resp: 281867
 Ion Ratio Lower Upper
 169 100
 168 70.0 55.7 83.5
 167 39.0 31.3 46.9

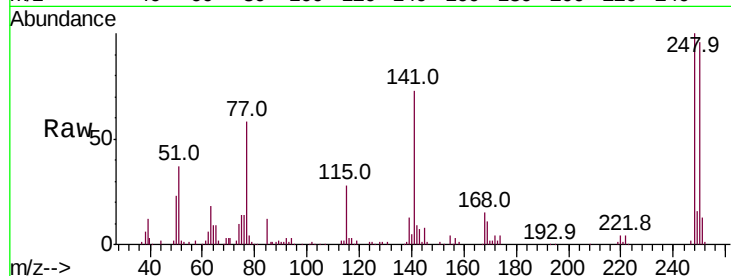




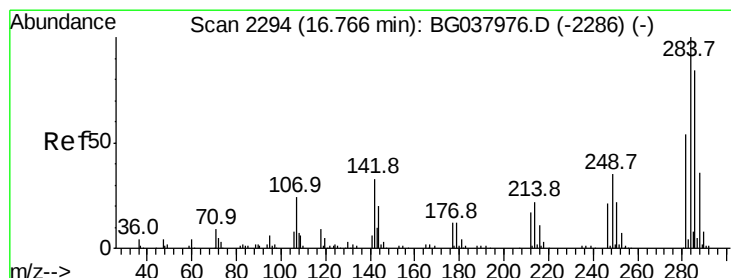
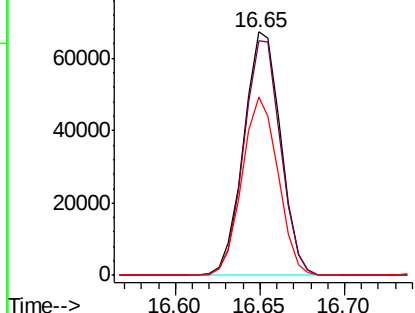
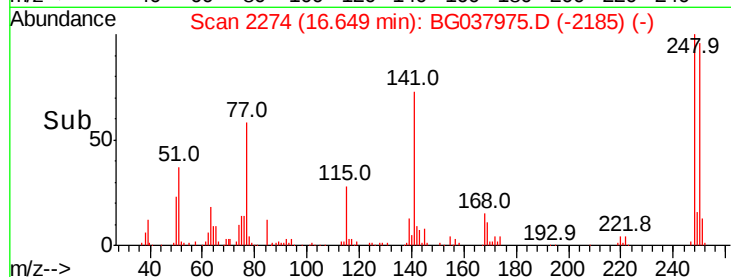
#67
 4-Bromophenyl-phenylether
 Concen: 25.518 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 102521
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.0 115.6
 141 73.2 55.5 83.3

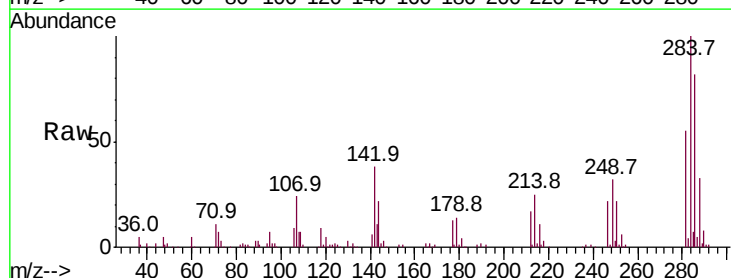


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

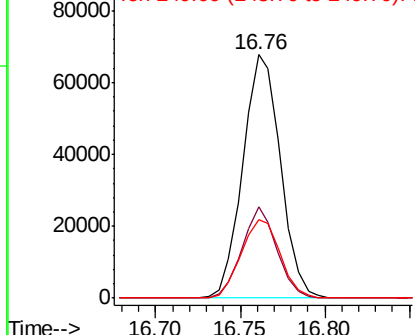
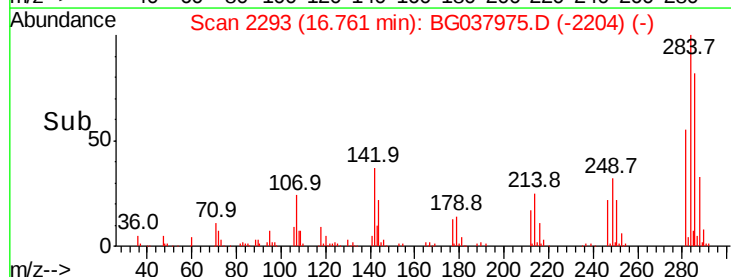


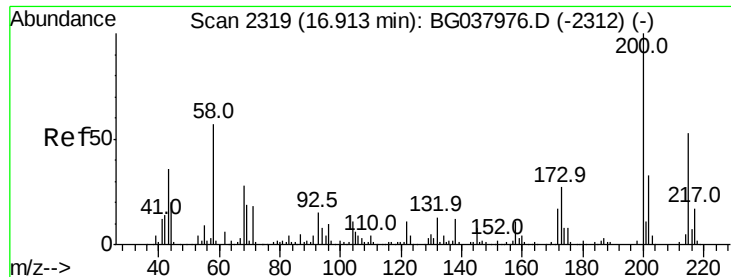
#68
 Hexachlorobenzene
 Concen: 25.120 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion:284 Resp: 104598
 Ion Ratio Lower Upper
 284 100
 142 37.7 28.1 42.1
 249 35.1 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

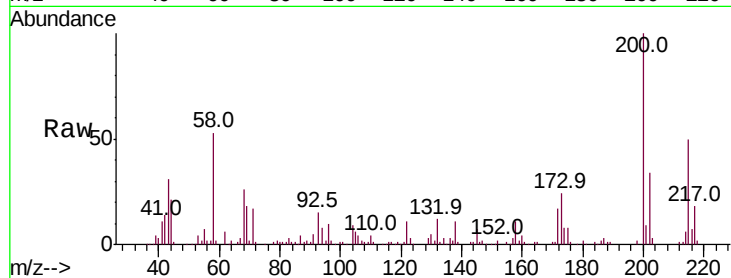




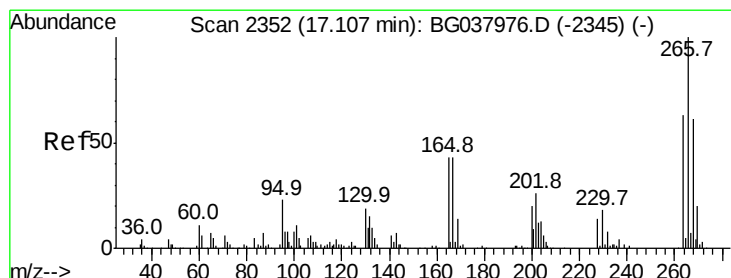
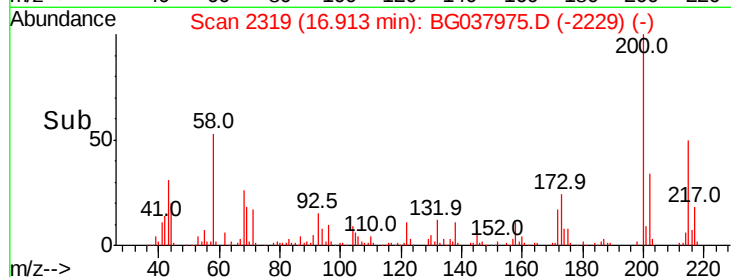
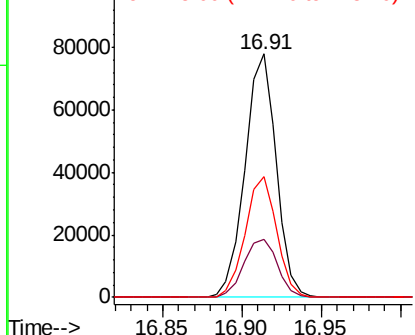
#69
 Atrazine
 Concen: 26.712 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	6.1	46.1
215	49.7	30.8	70.8

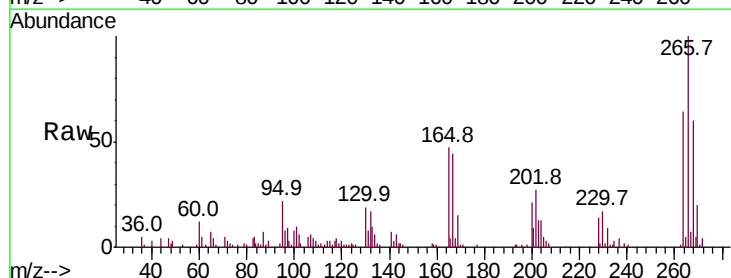


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

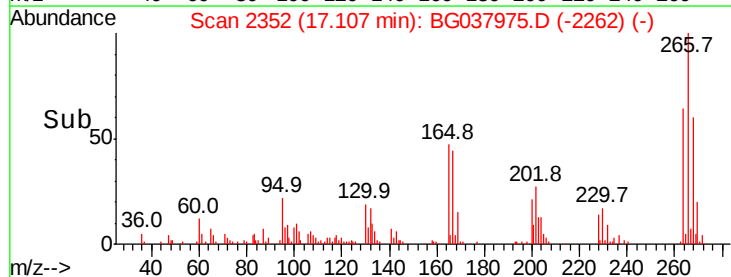
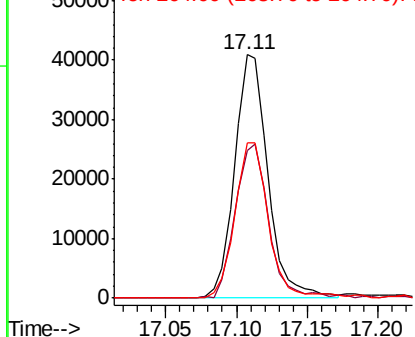


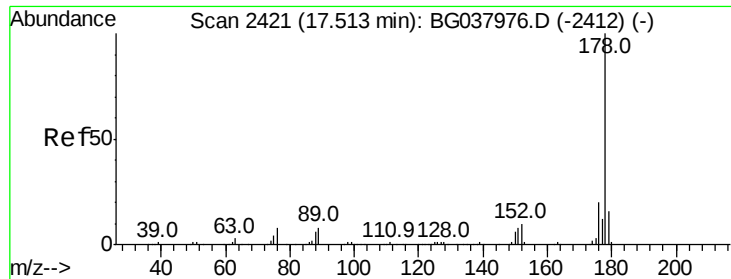
#70
 Pentachlorophenol
 Concen: 24.149 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	55.0	82.6
264	69.2	58.9	88.3



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

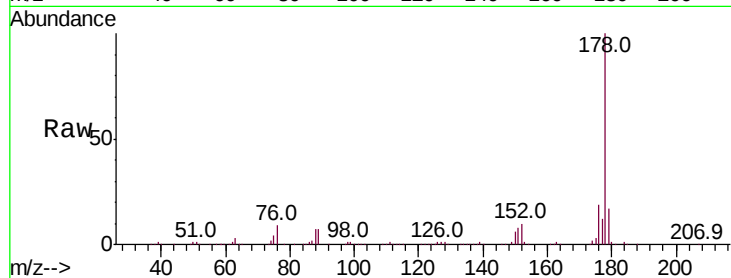




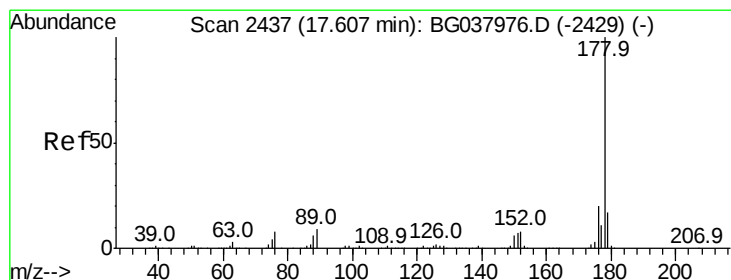
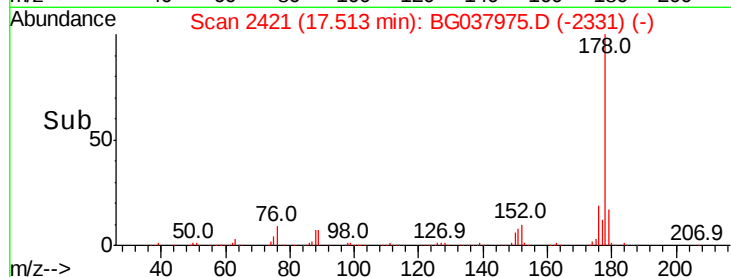
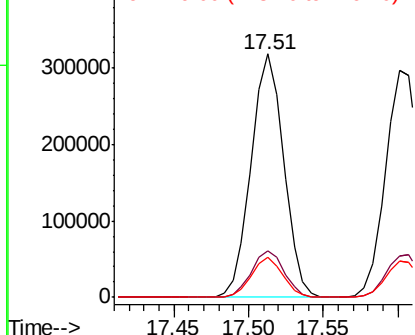
#71
Phenanthrene
Concen: 25.903 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 481630
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 16.6 13.0 19.4

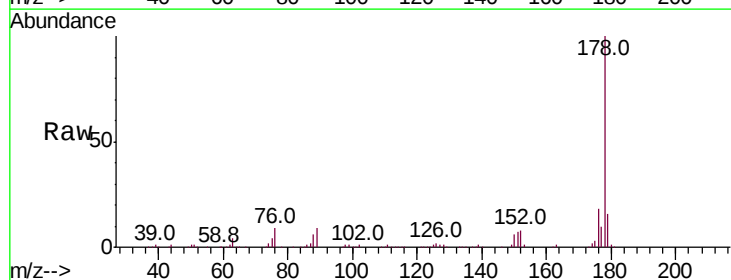


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

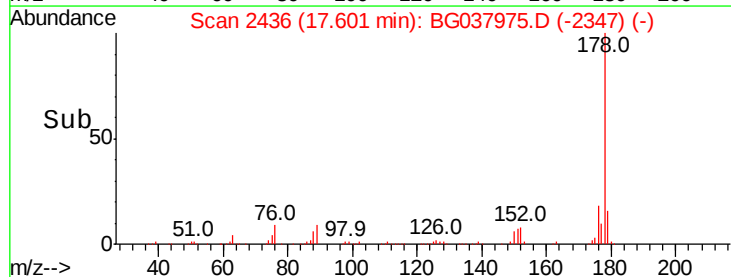
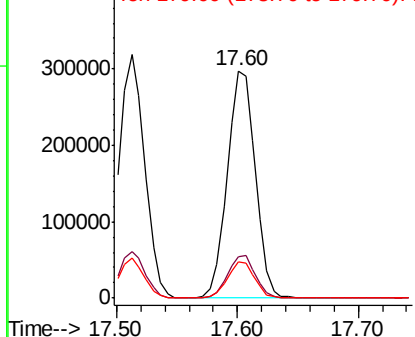


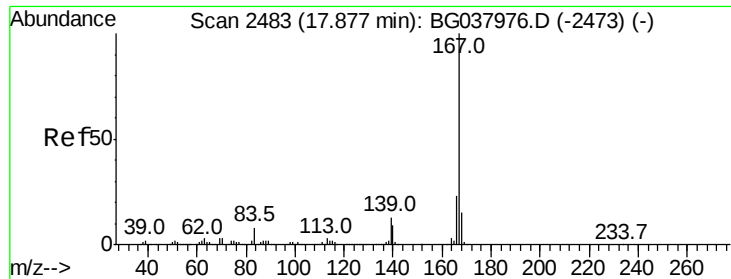
#72
Anthracene
Concen: 26.216 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:178 Resp: 478360
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 16.2 12.8 19.2



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

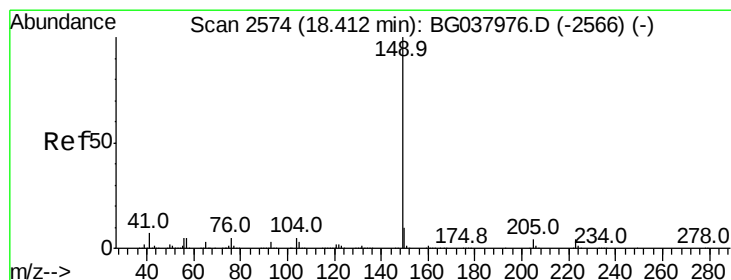
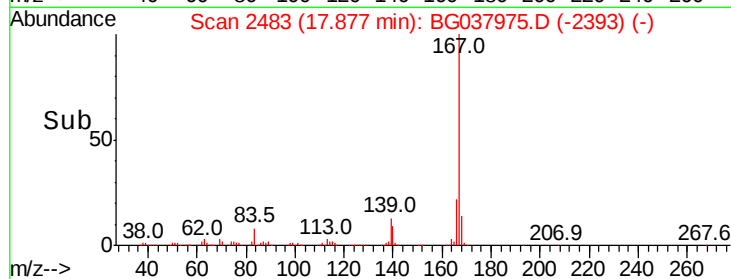
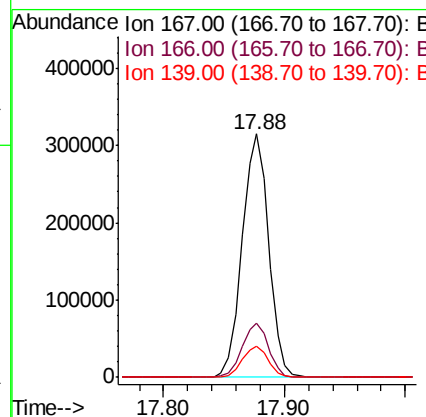
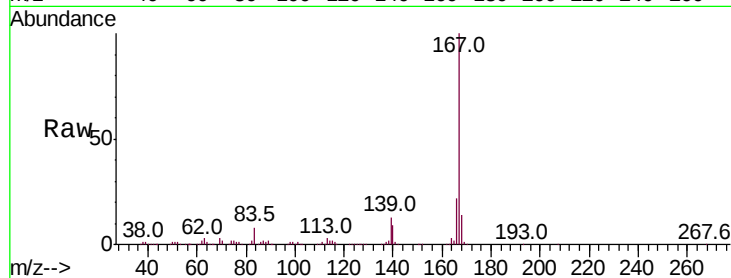




#73
 Carbazole
 Concen: 26.393 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

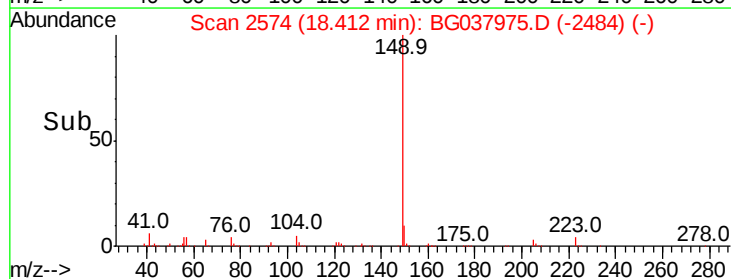
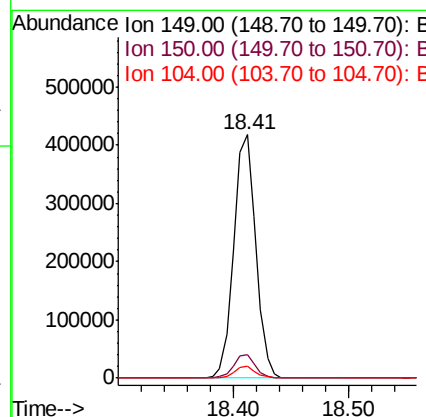
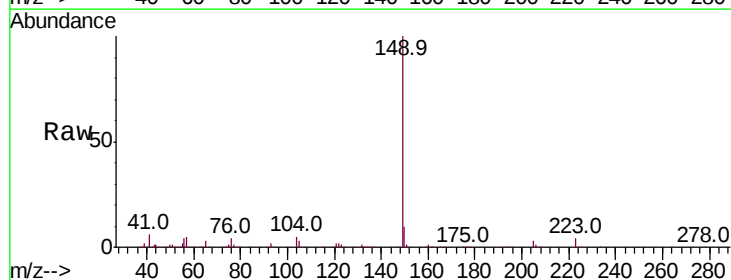
Instrument :
 BNA_G
 ClientSampleId :

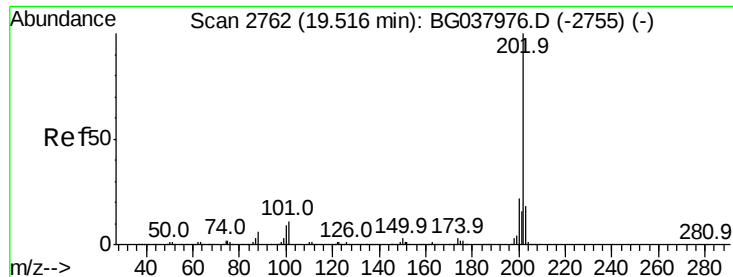
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.3	27.5
139	12.8	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 27.089 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG037975.D
 Acq: 13 Nov 2018 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 26.331 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

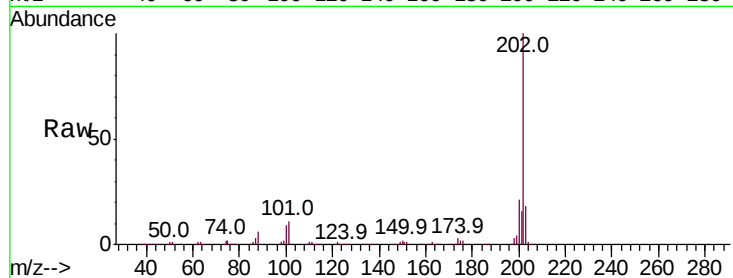
Tot Ion:202 Resp: 555274

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

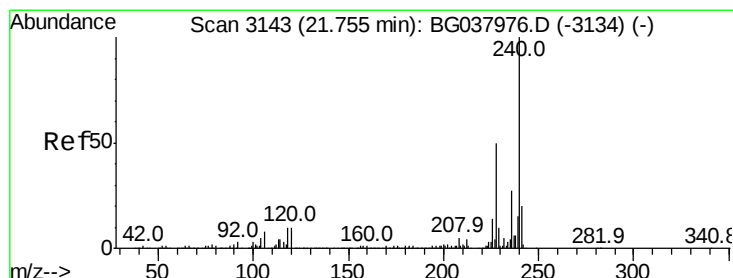
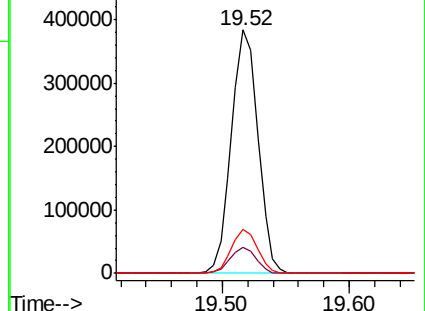
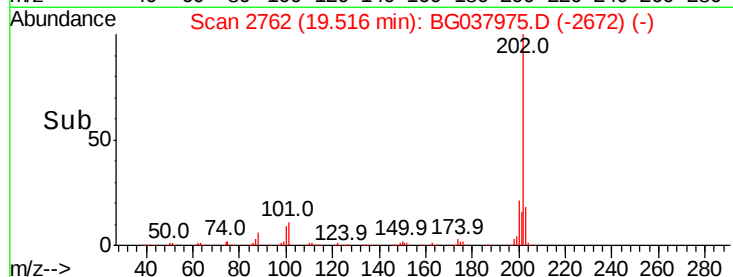
203 17.9 0.0 38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

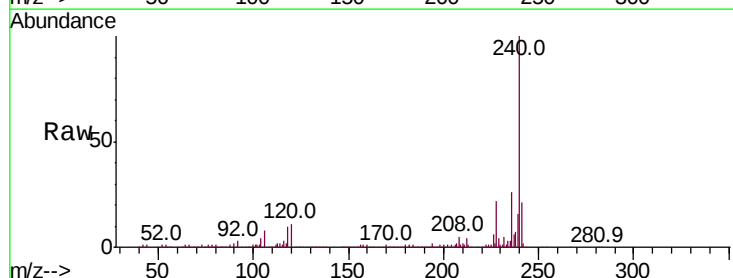
Tgt Ion:240 Resp: 333030

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

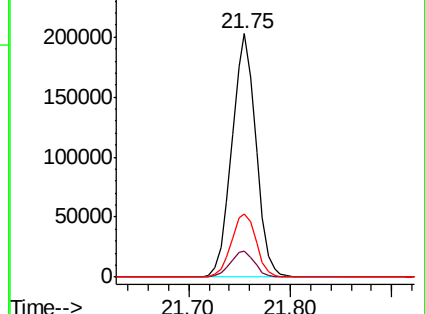
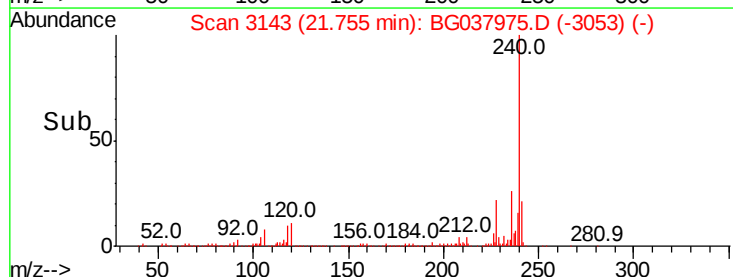
236 25.9 21.4 32.0

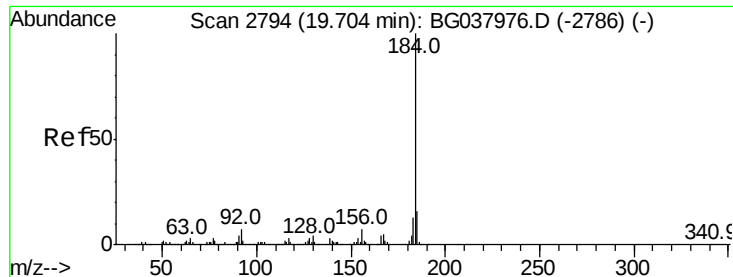


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.382 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampled :

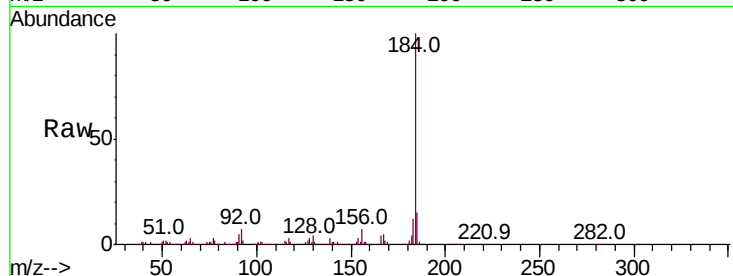
Tot Ion:184 Resp: 298751

Ion Ratio Lower Upper

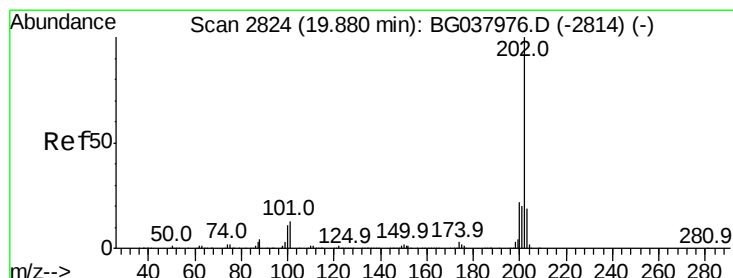
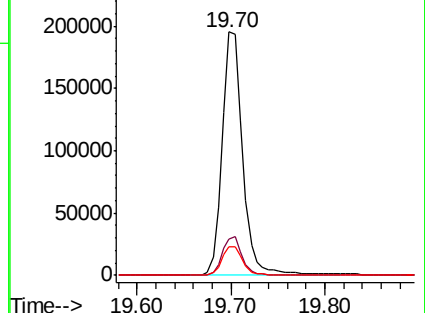
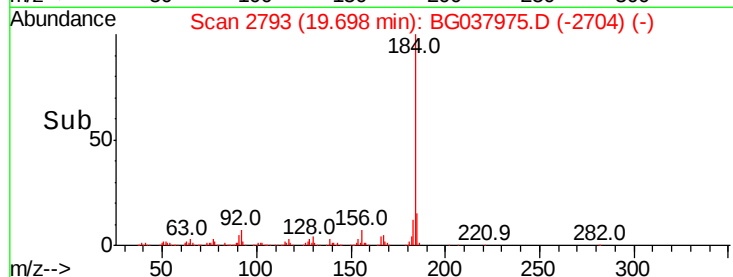
184 100

185 14.8 12.6 18.8

183 11.9 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 26.281 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

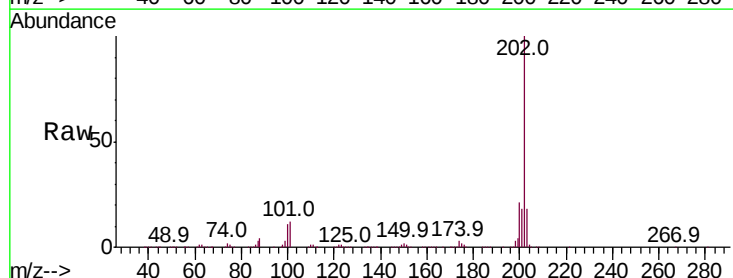
Tgt Ion:202 Resp: 572149

Ion Ratio Lower Upper

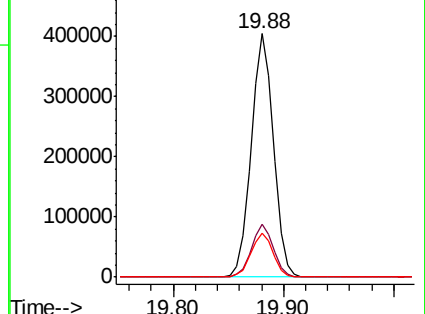
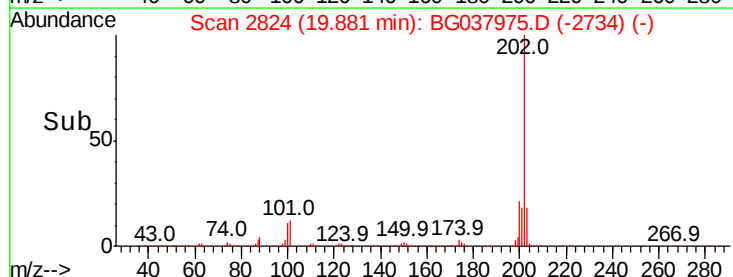
202 100

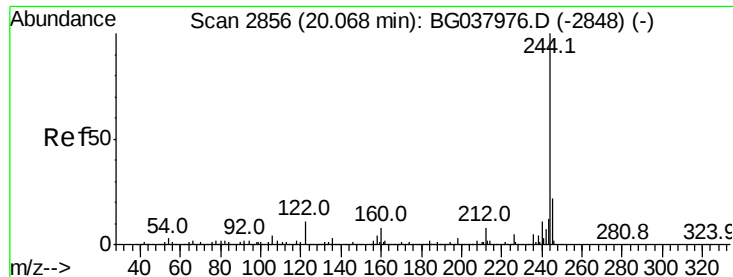
200 21.5 17.8 26.6

203 18.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.766 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

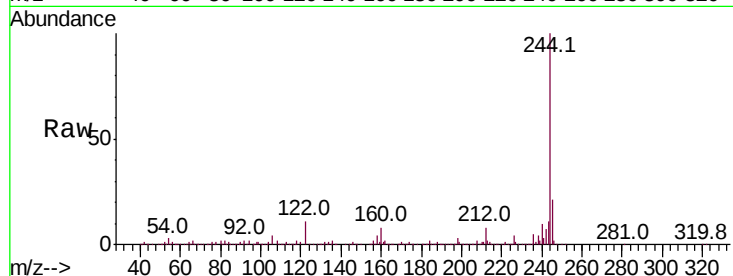
Tot Ion:244 Resp: 760055

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

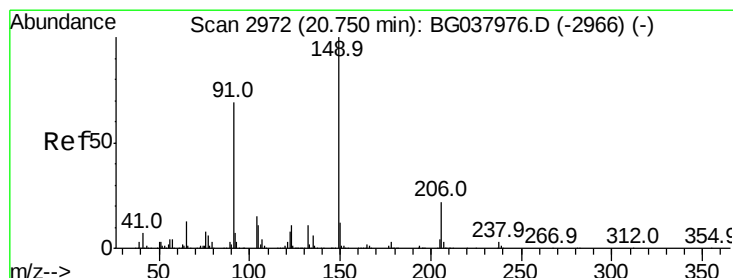
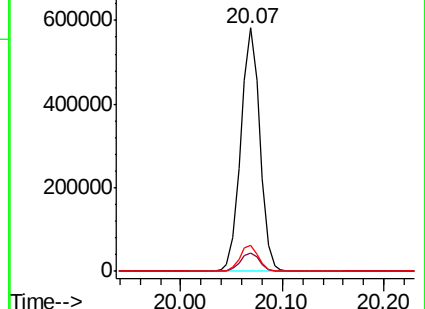
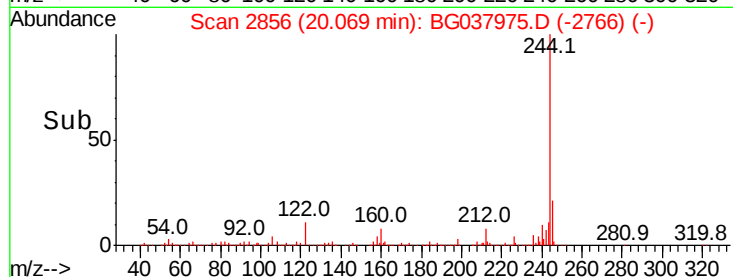
122 10.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 27.614 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

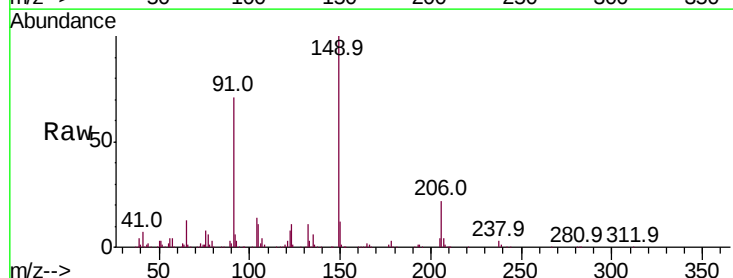
Tgt Ion:149 Resp: 246034

Ion Ratio Lower Upper

149 100

91 70.7 57.0 85.4

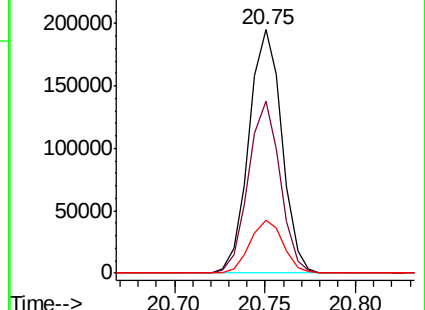
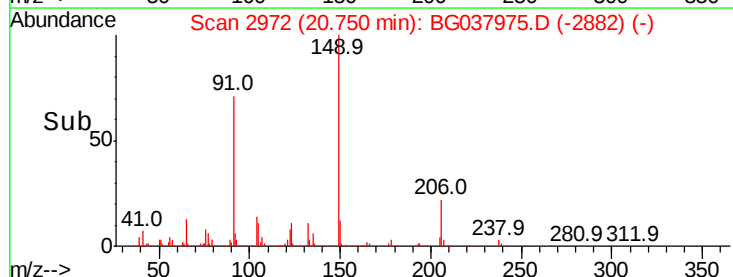
206 22.0 17.8 26.6

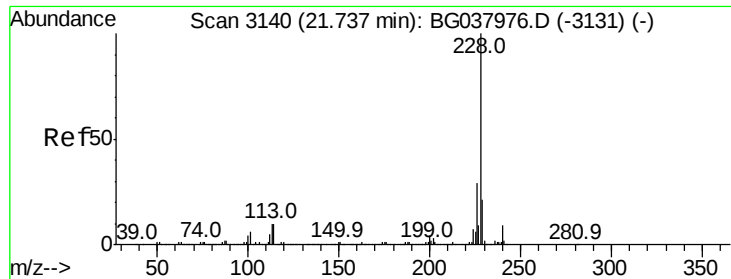


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

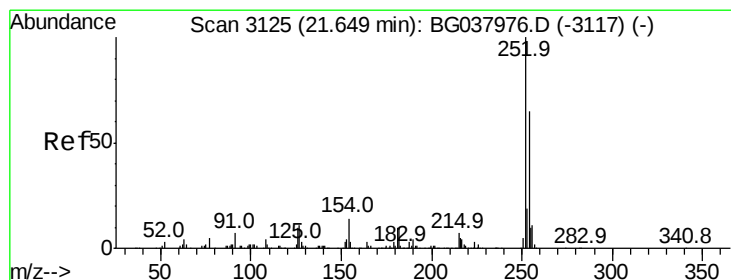
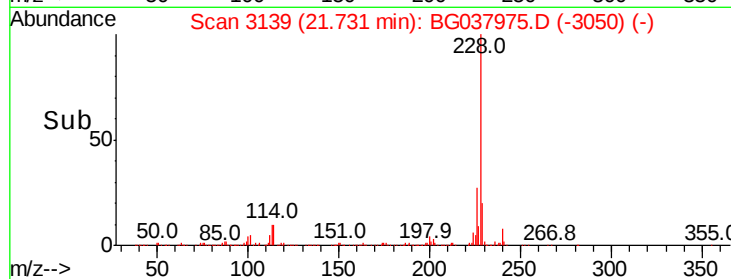
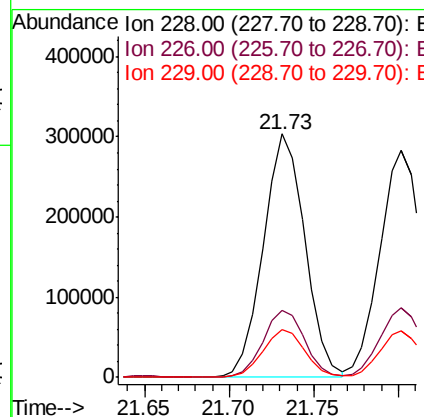
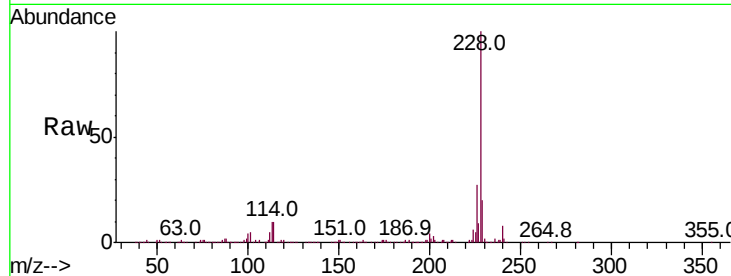




#81
Benzo(a)anthracene
Concen: 26.311 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

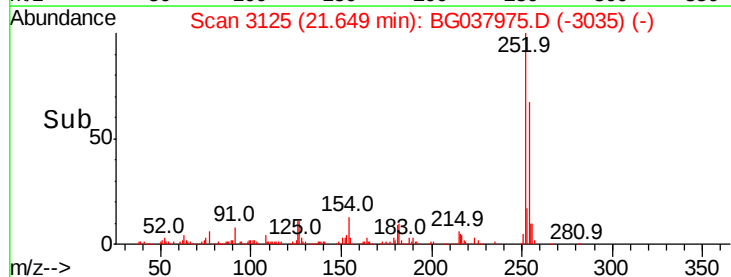
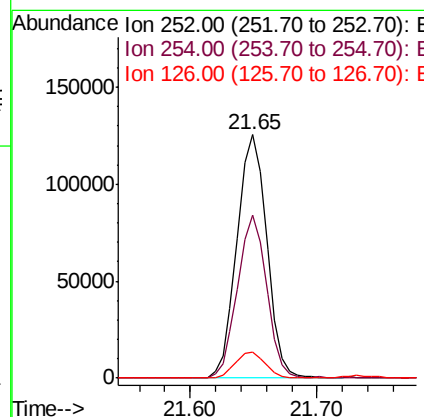
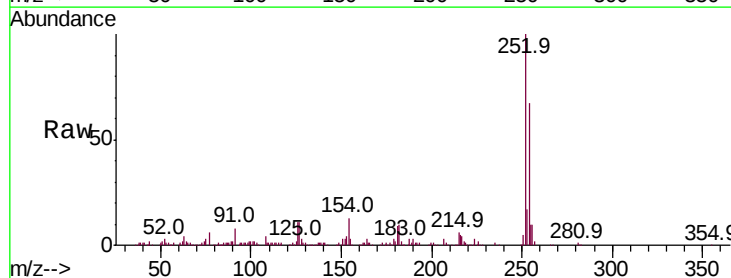
Instrument :
BNA_G
ClientSampleId :

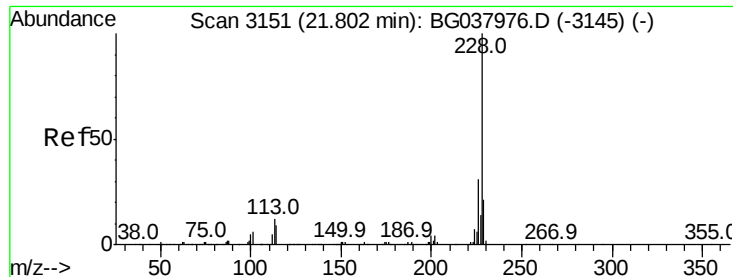
Tot Ion:228 Resp: 518276
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.8 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 26.837 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:252 Resp: 204908
Ion Ratio Lower Upper
252 100
254 66.8 52.0 78.0
126 10.9 8.2 12.4

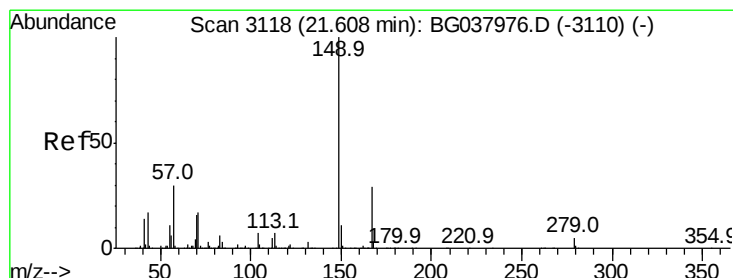
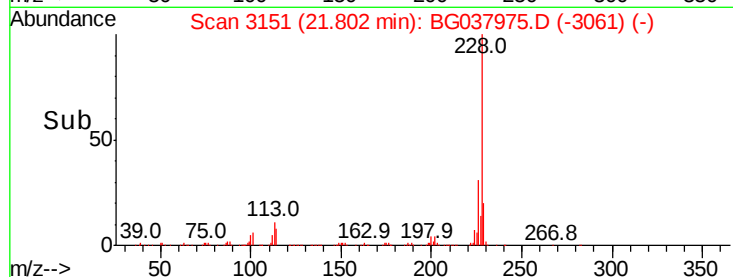
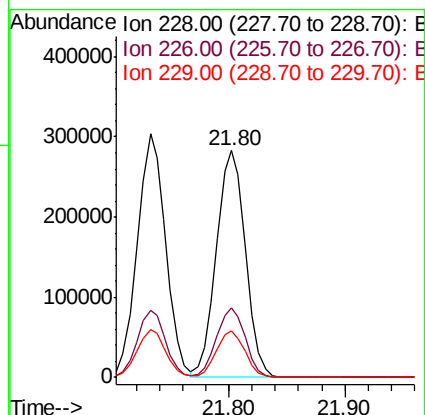
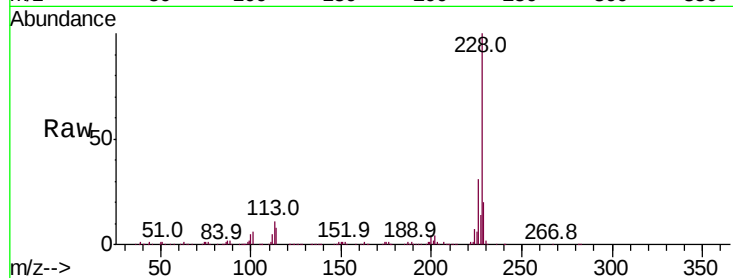




#83
Chrysene
Concen: 25.901 ng
RT: 21.80 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

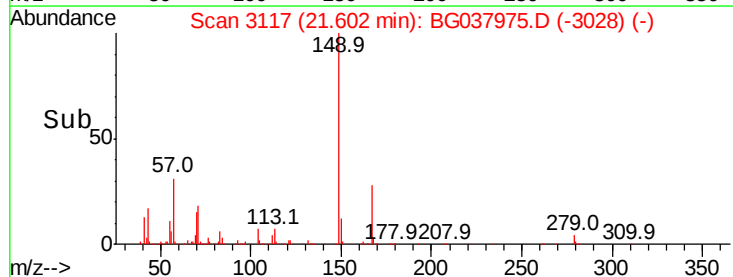
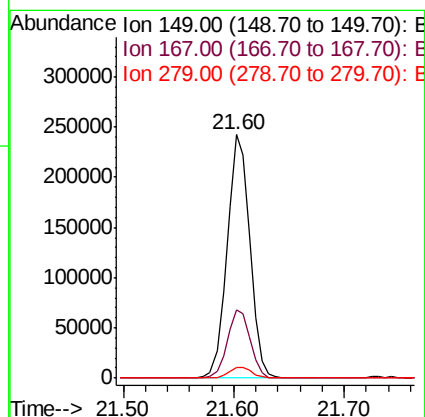
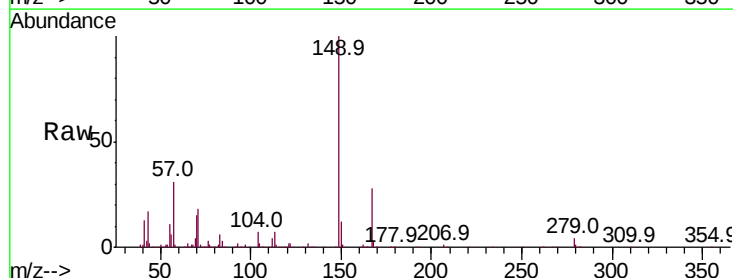
Instrument :
BNA_G
ClientSampleId :

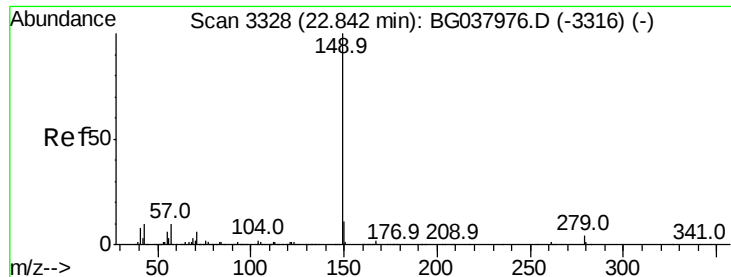
Tot Ion:228 Resp: 490600
Ion Ratio Lower Upper
228 100
226 30.6 25.7 38.5
229 20.3 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 27.935 ng
RT: 21.60 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:149 Resp: 348878
Ion Ratio Lower Upper
149 100
167 28.2 23.0 34.4
279 4.2 3.6 5.4

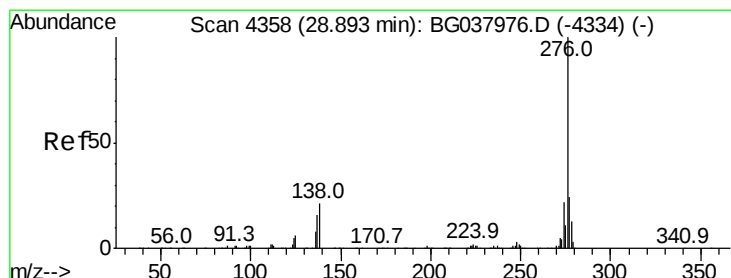
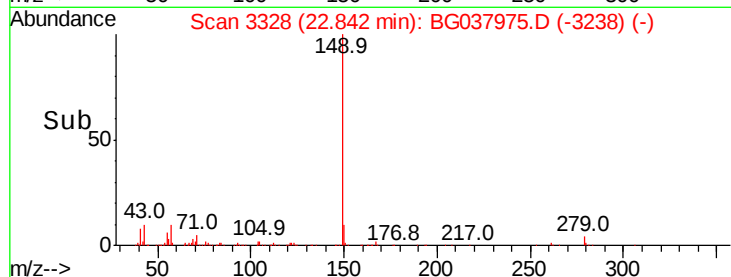
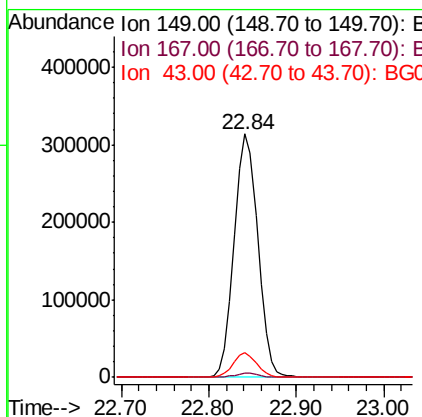
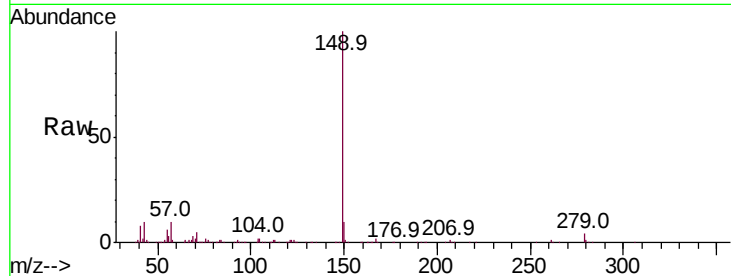




#85
Di-n-octyl phthalate
Concen: 28.294 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

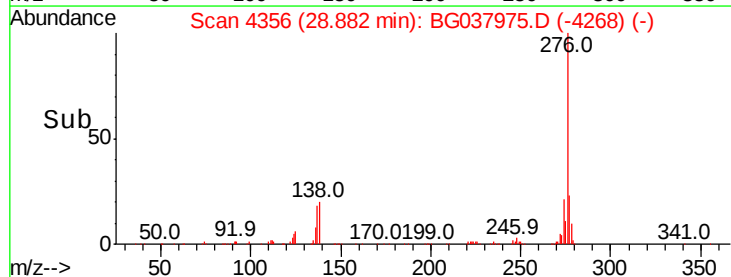
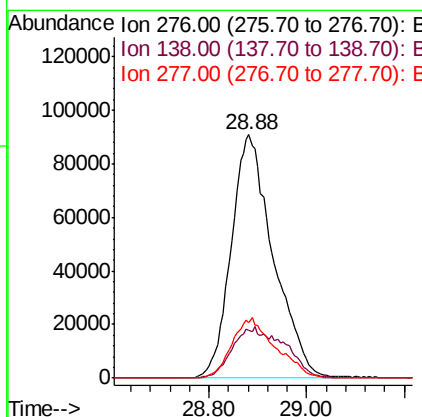
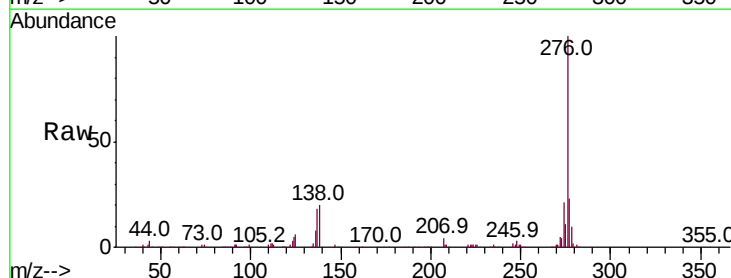
Instrument :
BNA_G
ClientSampleId :

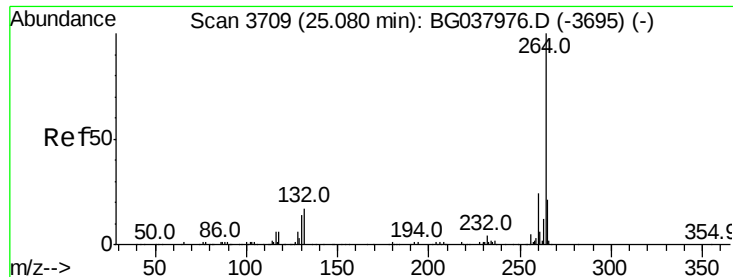
Tot Ion:149 Resp: 576212
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.0 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 26.751 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion:276 Resp: 543480
Ion Ratio Lower Upper
276 100
138 26.0 12.0 18.0#
277 25.5 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampled :

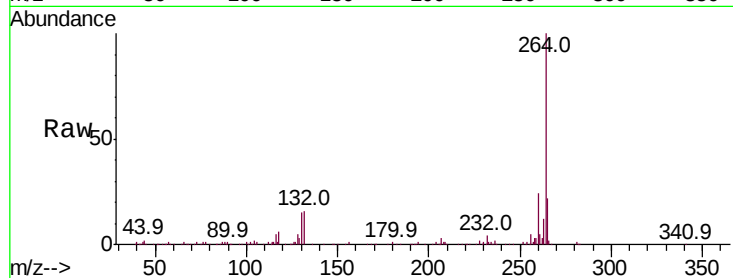
Tot Ion:264 Resp: 352604

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

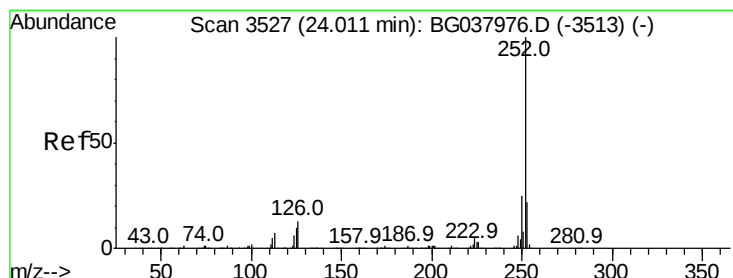
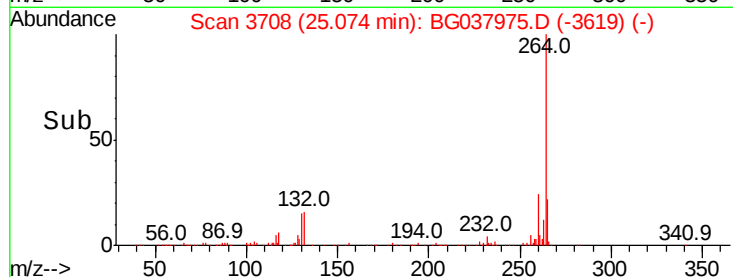
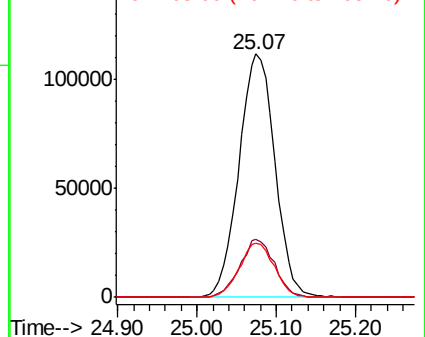
265 22.4 17.9 26.9



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



#88

Benzo(b)fluoranthene

Concen: 25.358 ng

RT: 24.01 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

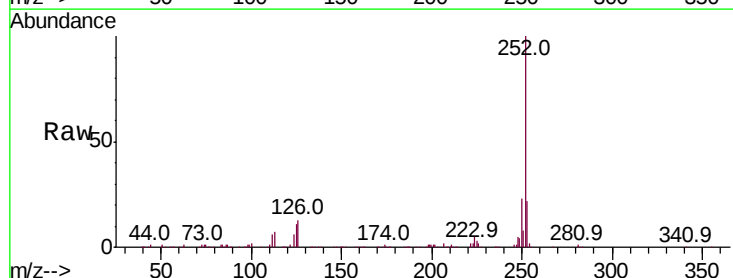
Tgt Ion:252 Resp: 490188

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

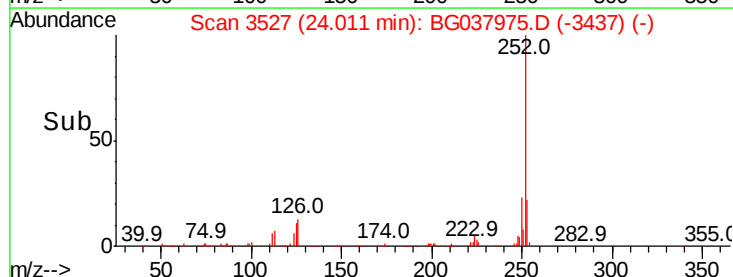
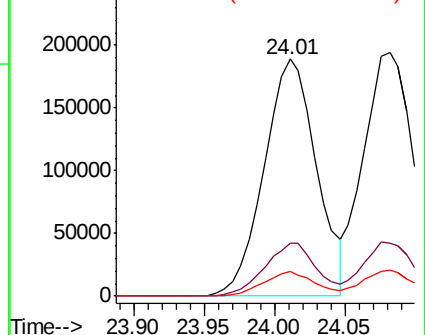
125 10.5 7.8 11.6

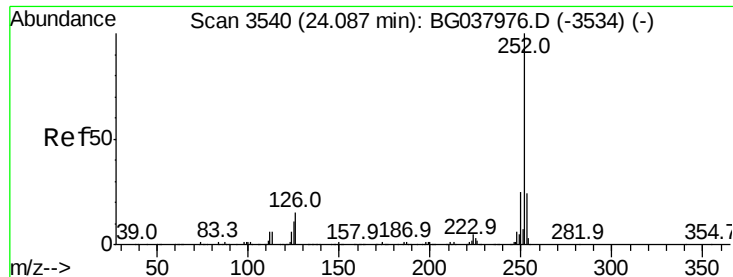


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

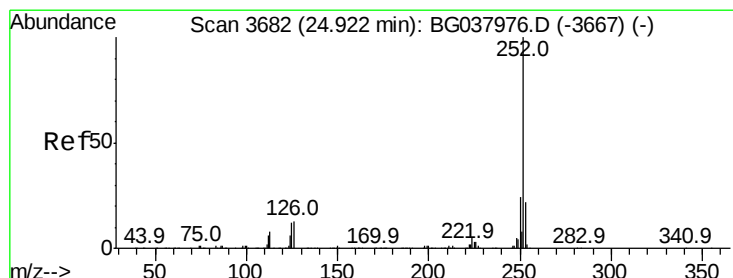
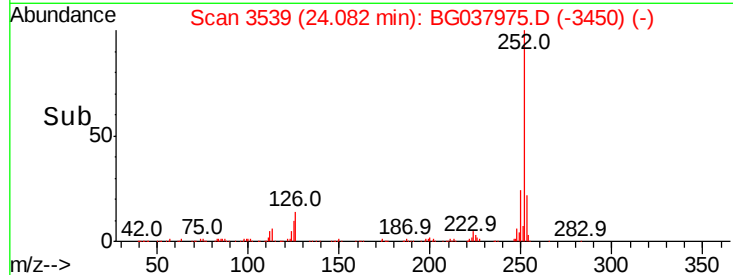
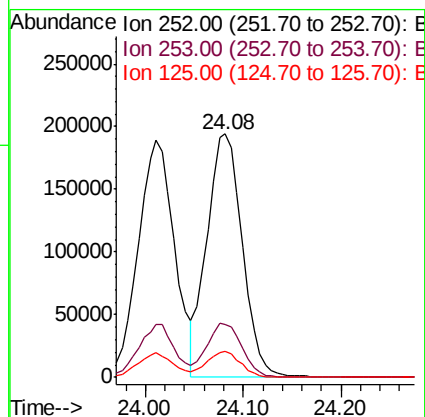
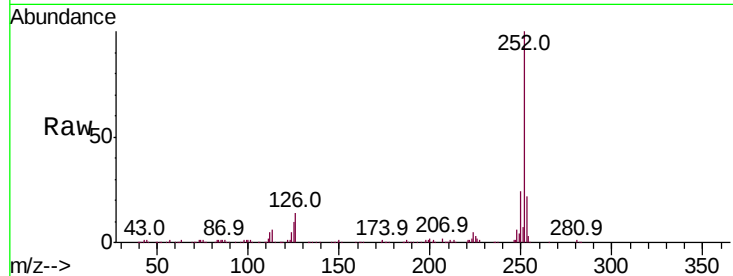




#89
Benzo(k)fluoranthene
Concen: 25.615 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

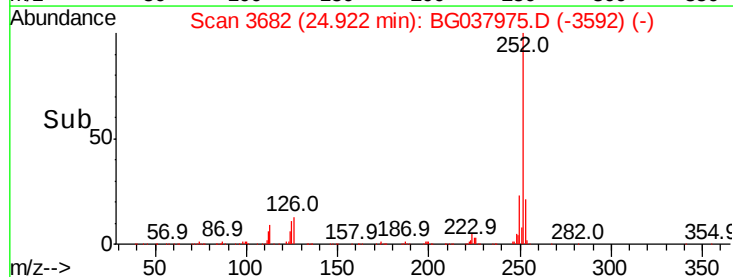
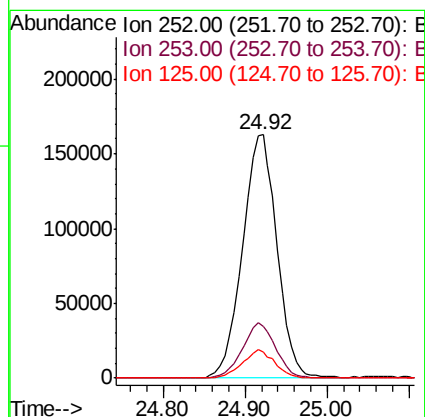
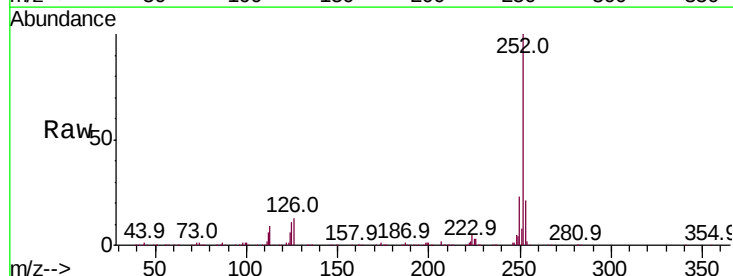
Instrument :
BNA_G
ClientSampled :

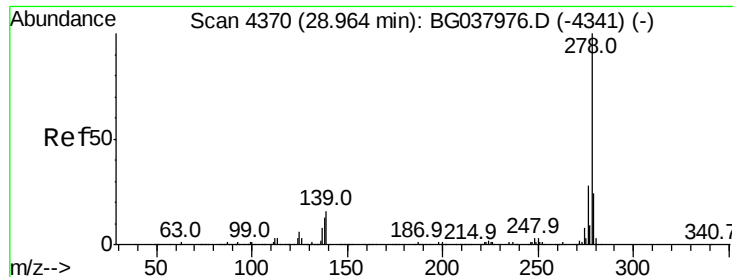
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	10.4	7.4	11.0



#90
Benzo(a)pyrene
Concen: 25.867 ng
RT: 24.92 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BG037975.D
Acq: 13 Nov 2018 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	10.7	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 26.651 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

Instrument :

BNA_G

ClientSampleId :

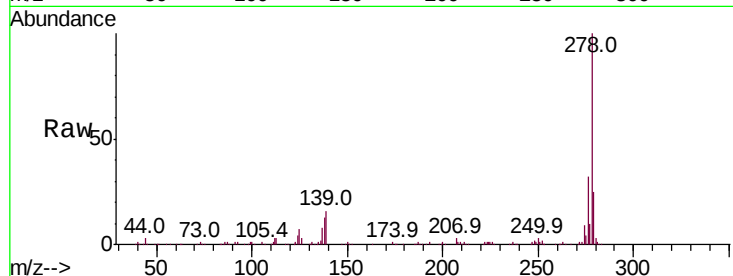
Tot Ion:278 Resp: 451578

Ion Ratio Lower Upper

278 100

139 15.7 11.5 17.3

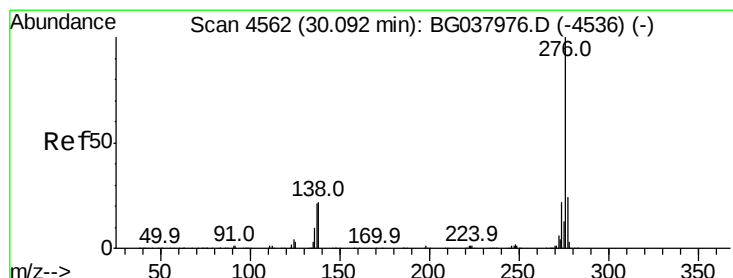
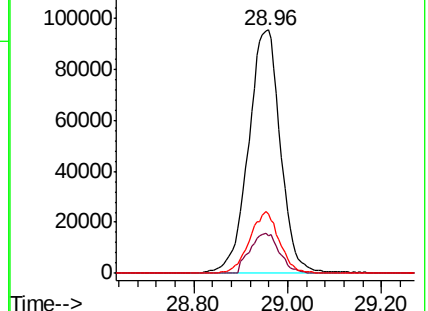
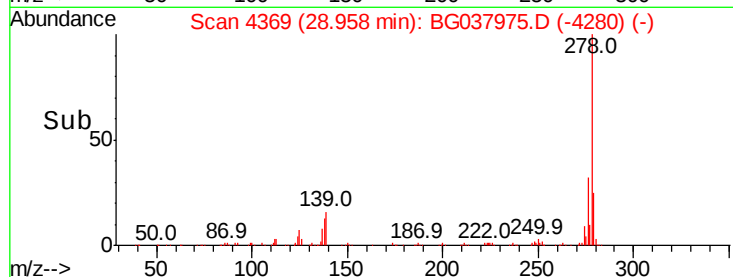
279 24.6 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 26.217 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.01 min

Lab File: BG037975.D

Acq: 13 Nov 2018 12:53

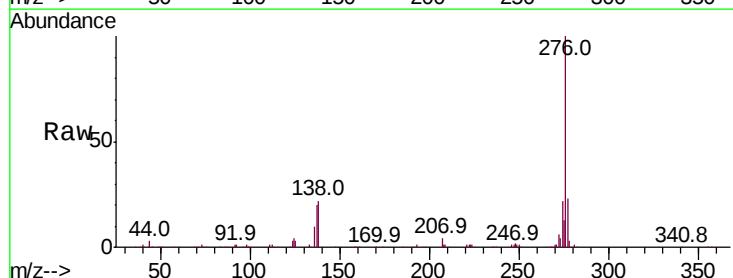
Tgt Ion:276 Resp: 449411

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 21.7 17.2 25.8



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

