

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037530.D
 Acq On : 25 Oct 2018 3:57
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 04:33:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	90209	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	407779	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	268525	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	622224	20.00	ng	0.00
76) Chrysene-d12	21.77	240	549734	20.00	ng	0.00
87) Perylene-d12	25.11	264	594548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	438597	81.29	ng	0.00
7) Phenol-d6	7.25	99	643363	78.85	ng	0.00
23) Nitrobenzene-d5	9.29	82	587320	80.68	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	233436	79.70	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1300885	73.05	ng	0.00
79) Terphenyl-d14	20.09	244	1854543	72.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	107253	39.196	ng	98
3) Pyridine	3.94	79	280102	40.613	ng	95
4) n-Nitrosodimethylamine	3.86	42	105860	43.093	ng	# 99
6) Aniline	7.43	93	386807	38.861	ng	98
8) 2-Chlorophenol	7.66	128	246935	39.120	ng	99
9) Benzaldehyde	7.25	77	180851	35.434	ng	97
10) Phenol	7.28	94	338326	39.301	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	249740	38.197	ng	100
12) 1,3-Dichlorobenzene	7.99	146	269768	38.389	ng	97
13) 1,4-Dichlorobenzene	8.14	146	271346	37.749	ng	98
14) 1,2-Dichlorobenzene	8.46	146	259865	37.582	ng	100
15) Benzyl Alcohol	8.35	79	238539	39.567	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	461447	39.444	ng	98
17) 2-Methylphenol	8.53	107	221395	38.900	ng	98
18) Hexachloroethane	9.19	117	97159	39.647	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	215528	38.361	ng	98
20) 3+4-Methylphenols	8.87	107	321224	39.477	ng	99
22) Acetophenone	8.94	105	395044	38.628	ng	# 98
24) Nitrobenzene	9.33	77	303318	40.110	ng	97
25) Isophorone	9.84	82	536128	40.309	ng	98
26) 2-Nitrophenol	10.03	139	149725	43.951	ng	97
27) 2,4-Dimethylphenol	10.08	122	239102	39.310	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	339295	38.936	ng	95
29) 2,4-Dichlorophenol	10.57	162	270352	39.920	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	282951	38.420	ng	99
31) Naphthalene	10.98	128	764154	38.152	ng	99
32) Benzoic acid	10.23	122	200284	50.696	ng	97
33) 4-Chloroaniline	11.09	127	373740	39.714	ng	97
34) Hexachlorobutadiene	11.24	225	167497	38.374	ng	99
35) Caprolactam	11.89	113	109343	40.257	ng	93
36) 4-Chloro-3-methylphenol	12.19	107	303122	39.688	ng	99
37) 2-Methylnaphthalene	12.58	142	561950	38.489	ng	98
38) 1-Methylnaphthalene	12.79	142	546011	38.508	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	334576	38.628	ng	99

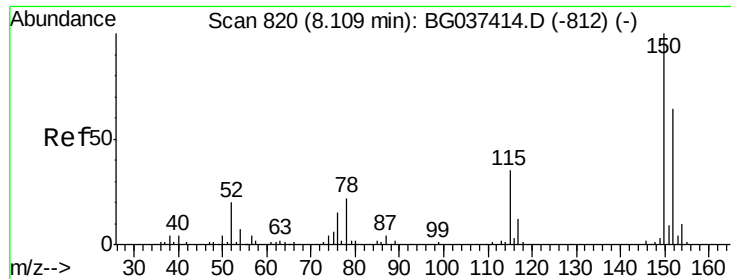
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037530.D
 Acq On : 25 Oct 2018 3:57
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 04:33:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	159055	38.444	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	235195	40.645	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	252199	40.030	ng	98
46) 1,1'-Biphenyl	13.58	154	837054	37.640	ng	97
47) 2-Chloronaphthalene	13.62	162	639365	38.002	ng	98
48) 2-Nitroaniline	13.83	65	217194	42.570	ng	96
49) Acenaphthylene	14.47	152	965225	38.138	ng	97
50) Dimethylphthalate	14.19	163	785058	37.791	ng	100
51) 2,6-Dinitrotoluene	14.32	165	181342	39.461	ng	96
52) Acenaphthene	14.80	154	584464	37.498	ng	98
53) 3-Nitroaniline	14.65	138	205403	40.262	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	57211	41.863	ng	91
55) Dibenzofuran	15.14	168	947775	36.701	ng	96
56) 4-Nitrophenol	14.94	139	149108	39.486	ng	96
57) 2,4-Dinitrotoluene	15.10	165	252029	41.779	ng	99
58) Fluorene	15.78	166	717713	37.113	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	207421	38.452	ng	98
60) Diethylphthalate	15.54	149	806957	37.837	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	420145	37.274	ng	99
62) 4-Nitroaniline	15.82	138	207100	40.853	ng	92
63) Azobenzene	16.07	77	769600	37.821	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	128302	40.837	ng	98
66) n-Nitrosodiphenylamine	15.99	169	715035	38.203	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	264880	38.765	ng	96
68) Hexachlorobenzene	16.78	284	266511	37.633	ng	99
69) Atrazine	16.93	200	254661	37.633	ng	99
70) Pentachlorophenol	17.12	266	189177	39.880	ng	97
71) Phenanthrene	17.53	178	1170867	37.025	ng	98
72) Anthracene	17.62	178	1158857	37.342	ng	97
73) Carbazole	17.89	167	1178189	37.953	ng	98
74) Di-n-butylphthalate	18.43	149	1343893	38.916	ng	99
75) Fluoranthene	19.53	202	1338739	37.325	ng	97
77) Benzidine	19.72	184	601973	32.204	ng	99
78) Pyrene	19.90	202	1364527	37.970	ng	98
80) Butylbenzylphthalate	20.77	149	614070	41.752	ng	99
81) Benzo(a)anthracene	21.75	228	1248779	38.405	ng	96
82) 3,3'-Dichlorobenzidine	21.67	252	493233	39.135	ng	100
83) Chrysene	21.82	228	1202599	38.463	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	852778	41.365	ng	97
85) Di-n-octyl phthalate	22.87	149	1416273	42.129	ng	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1280066	38.170	ng	98
88) Benzo(b)fluoranthene	24.04	252	1242740	38.126	ng	99
89) Benzo(k)fluoranthene	24.11	252	1207815	37.821	ng	96
90) Benzo(a)pyrene	24.95	252	1202238	38.816	ng	99
91) Dibenzo(a,h)anthracene	29.01	278	1038900	36.363	ng	98
92) Benzo(g,h,i)perylene	30.14	276	1012135	35.016	ng	99

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

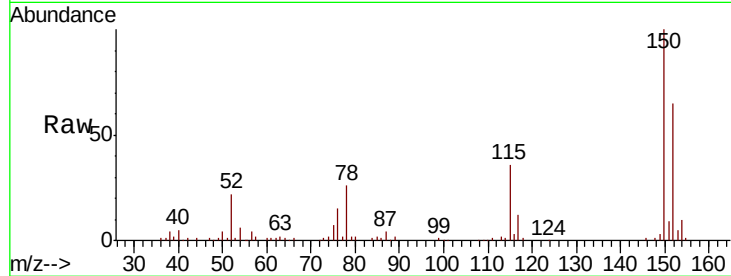


#1

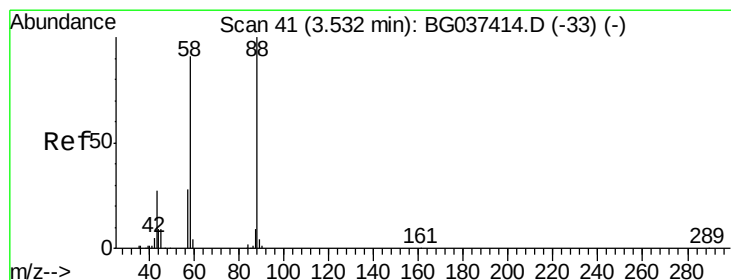
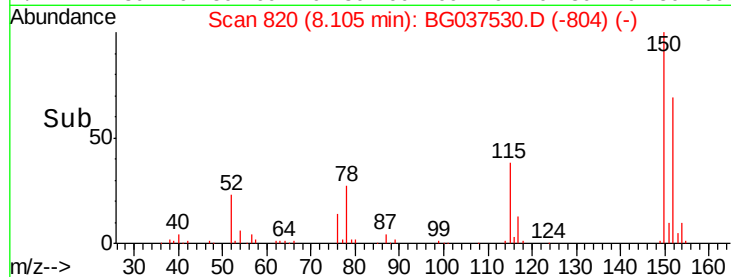
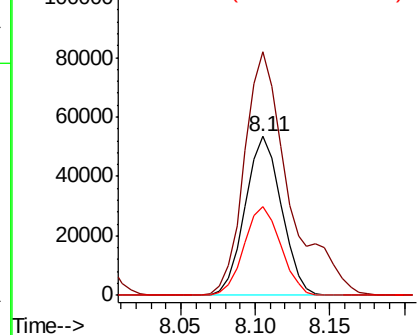
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.0	189.0
115	55.6	45.5	68.3



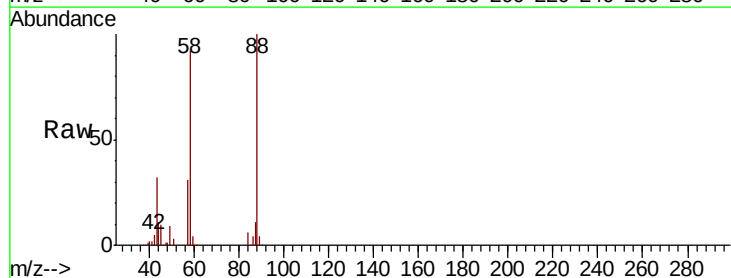
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



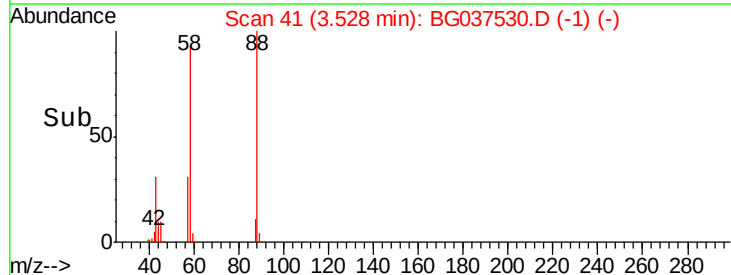
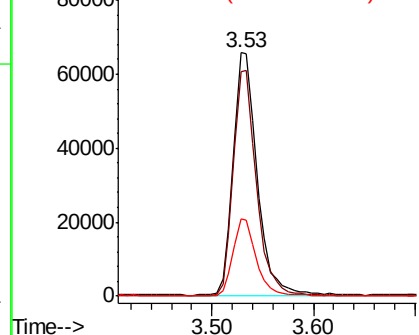
#2

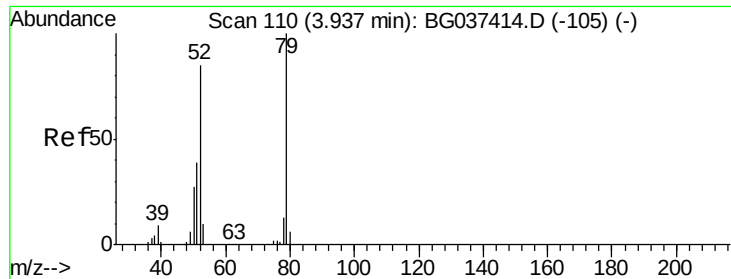
1,4-Dioxane
Concen: 39.196 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	74.4	111.6
43	31.1	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: 40.613 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampleId :

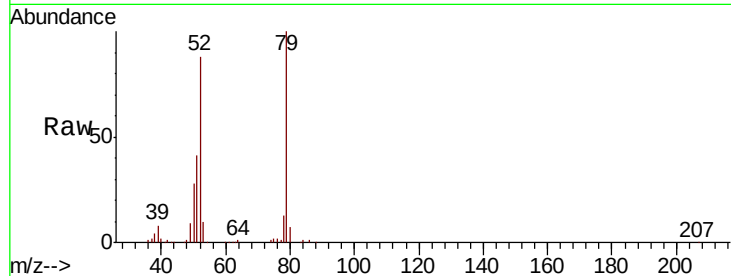
Tot Ion: 79 Resp: 280102

Ion Ratio Lower Upper

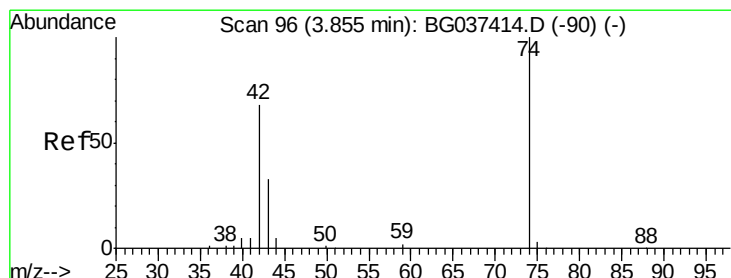
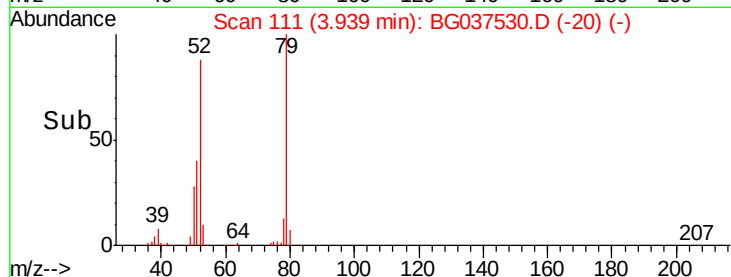
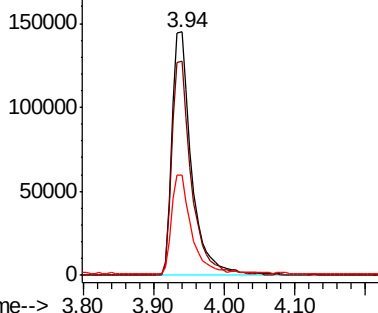
79 100

52 87.9 74.2 111.2

51 40.9 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: 43.093 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

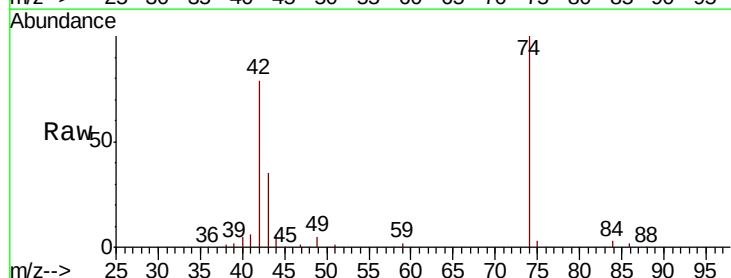
Tgt Ion: 42 Resp: 105860

Ion Ratio Lower Upper

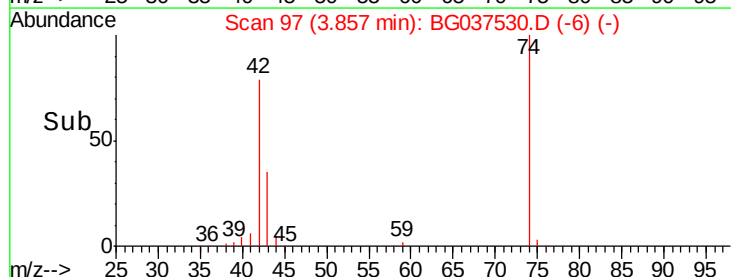
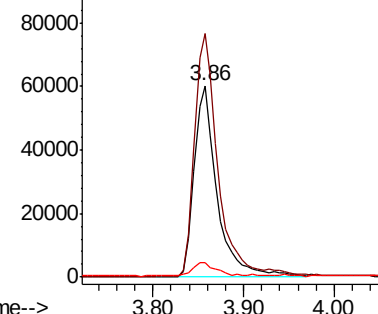
42 100

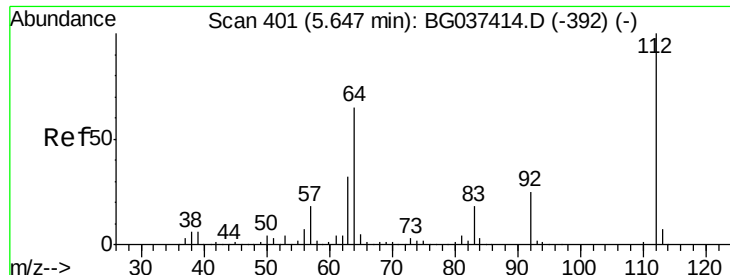
74 127.1 102.0 153.0

44 7.5 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: 81.286 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampleId :

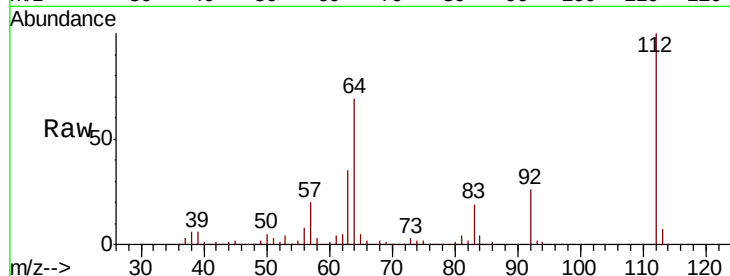
Tot Ion:112 Resp: 438597

Ion Ratio Lower Upper

112 100

64 68.9 53.1 79.7

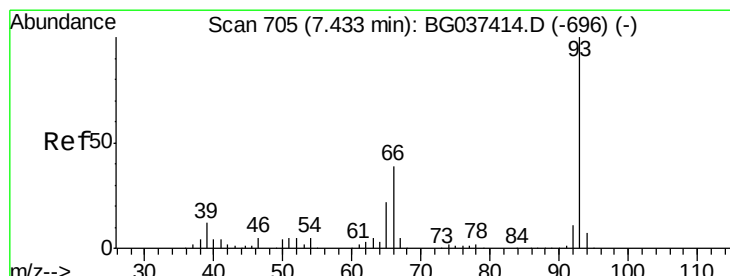
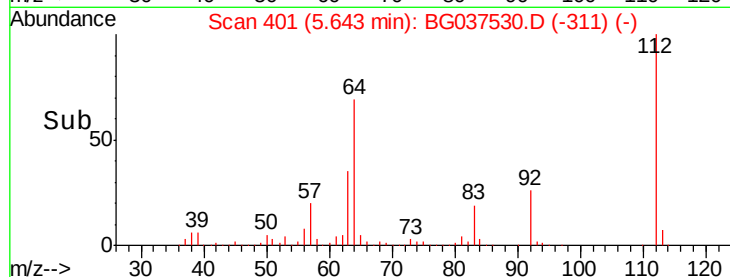
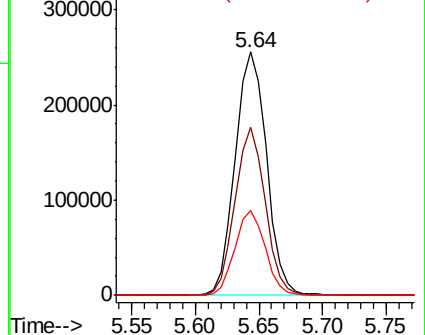
63 34.8 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



#6

Aniline

Concen: 38.861 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

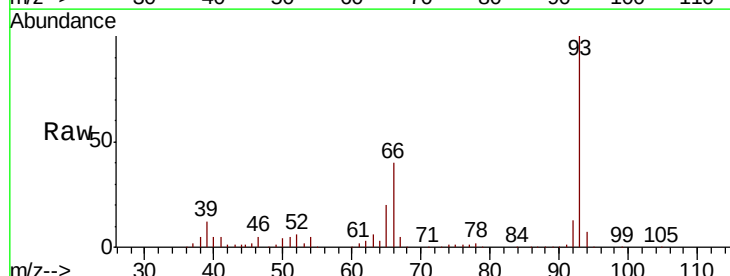
Tgt Ion: 93 Resp: 386807

Ion Ratio Lower Upper

93 100

66 39.7 32.8 49.2

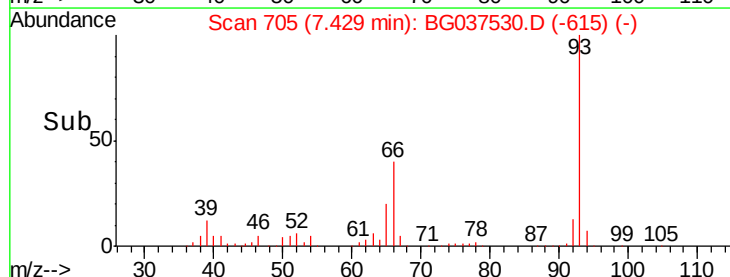
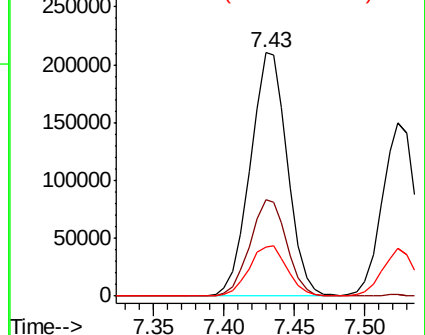
65 20.2 16.4 24.6

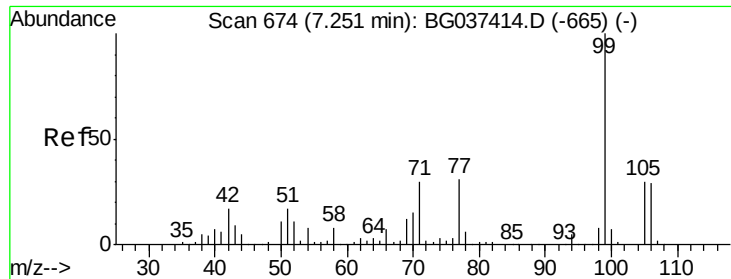


Abundance Ion 93.00 (92.70 to 93.70): BG

Ion 66.00 (65.70 to 66.70): BG

Ion 65.00 (64.70 to 65.70): BG





#7

Phenol-d6

Concen: 78.853 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampled :

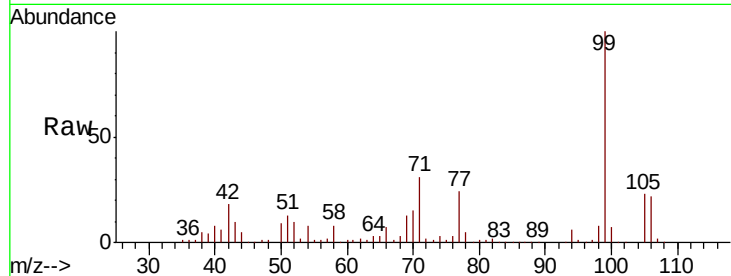
Tot Ion: 99 Resp: 643363

Ion Ratio Lower Upper

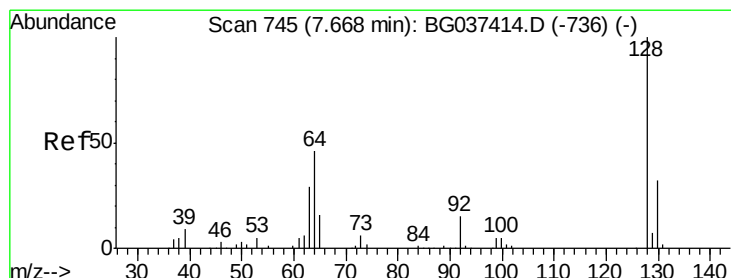
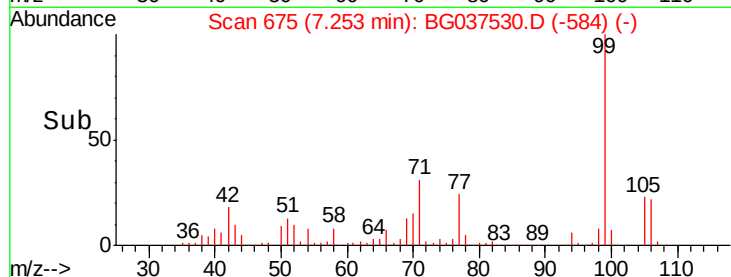
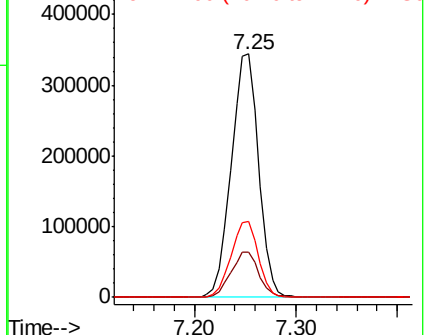
99 100

42 18.4 15.0 22.4

71 31.0 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: 39.120 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

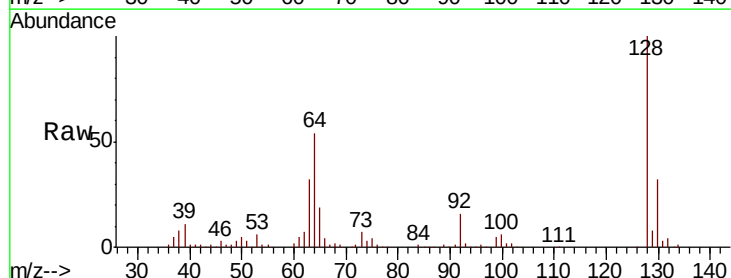
Tgt Ion: 128 Resp: 246935

Ion Ratio Lower Upper

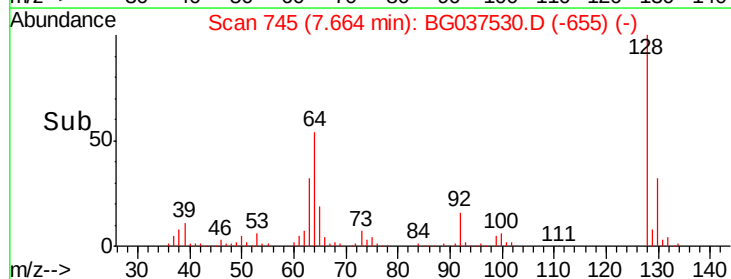
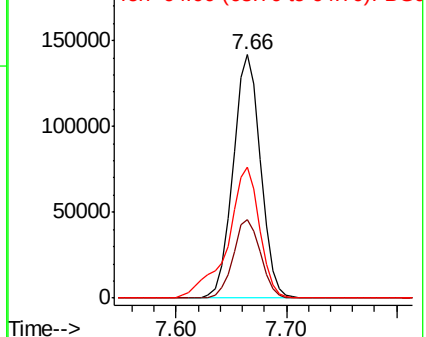
128 100

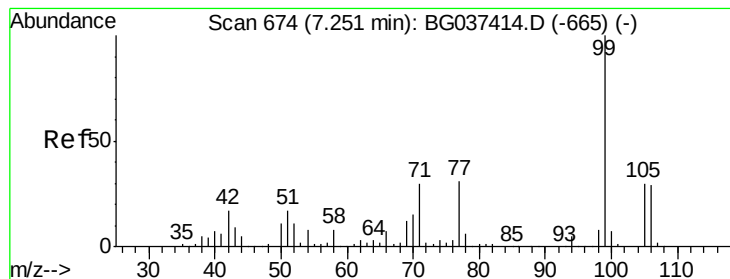
130 32.3 12.0 52.0

64 53.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 35.434 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampled :

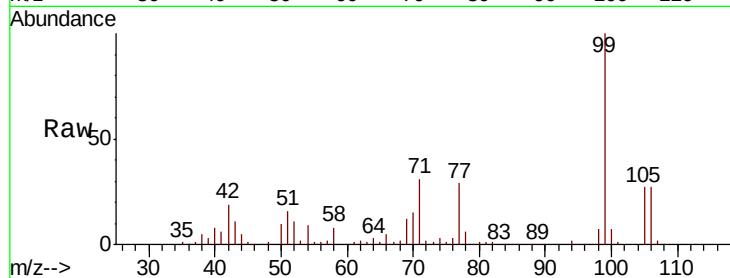
Tot Ion: 77 Resp: 180851

Ion Ratio Lower Upper

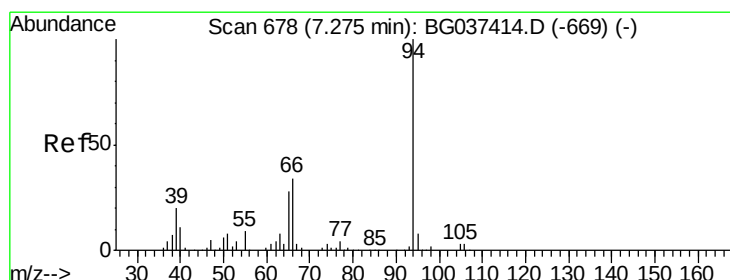
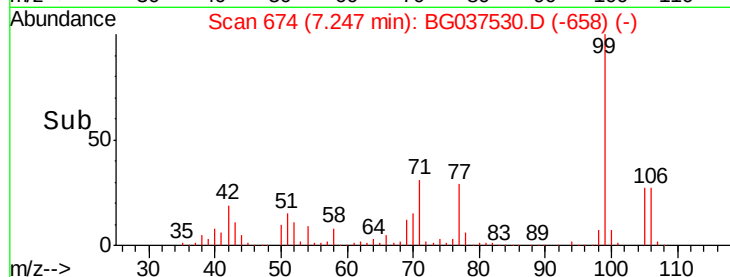
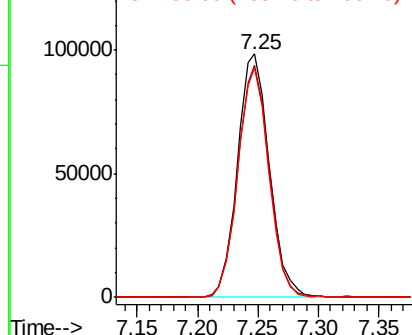
77 100

105 95.2 72.6 112.6

106 94.1 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: 39.301 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

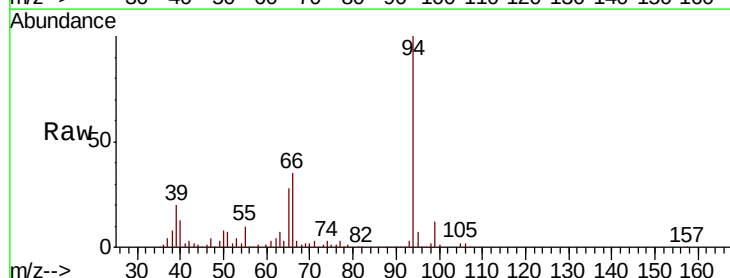
Tgt Ion: 94 Resp: 338326

Ion Ratio Lower Upper

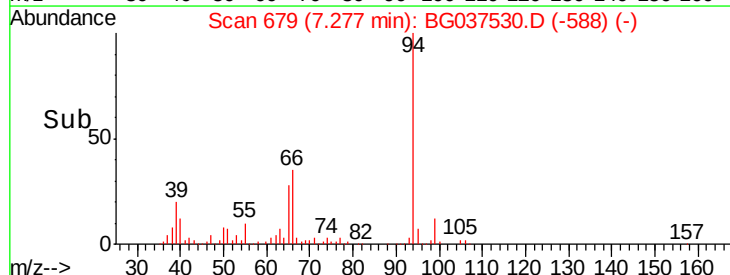
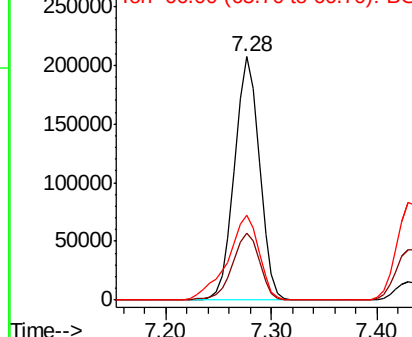
94 100

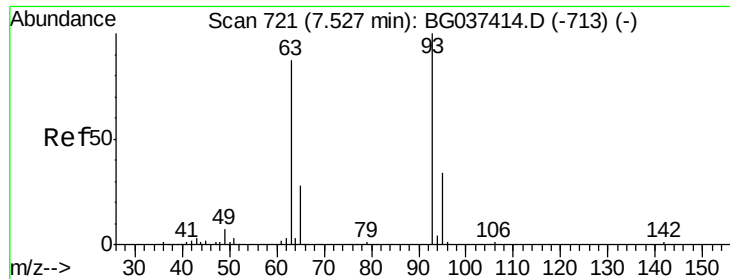
65 27.7 9.7 49.7

66 35.1 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

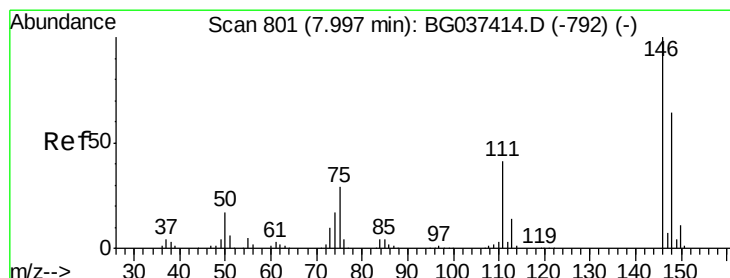
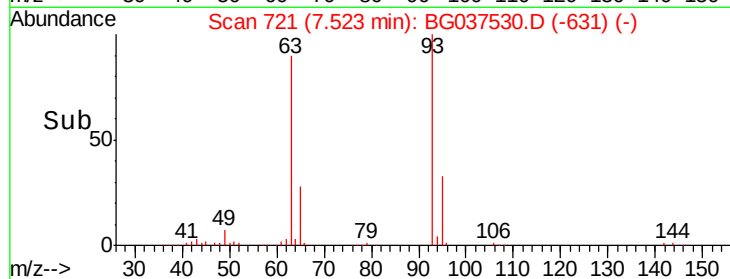
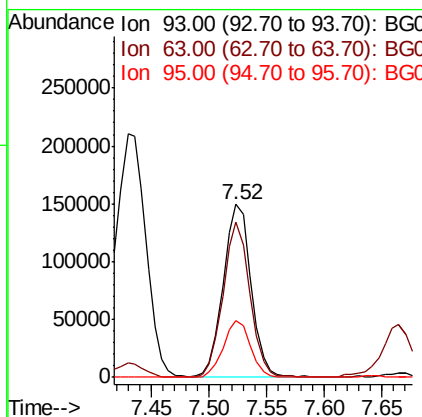
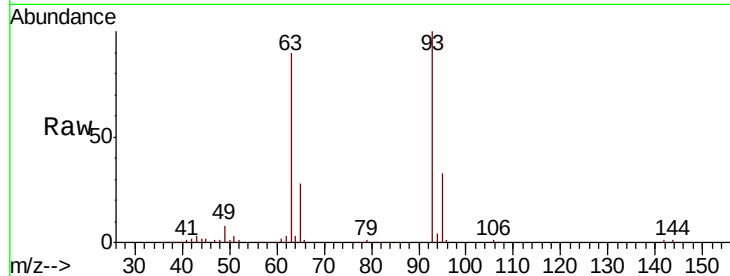




#11
bis(2-Chloroethyl)ether
Concen: 38.197 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

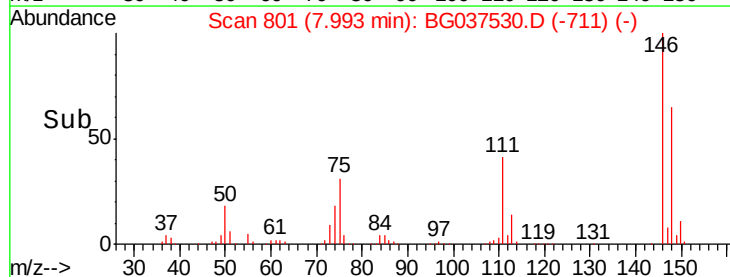
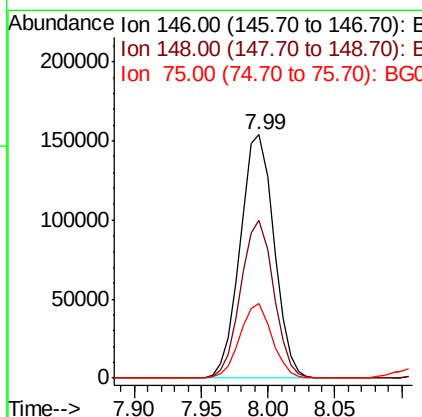
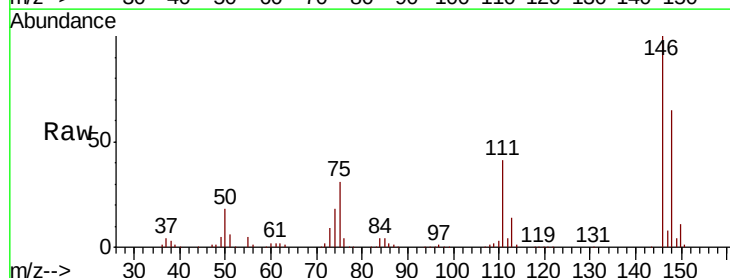
Instrument :
BNA_G
ClientSampleId :

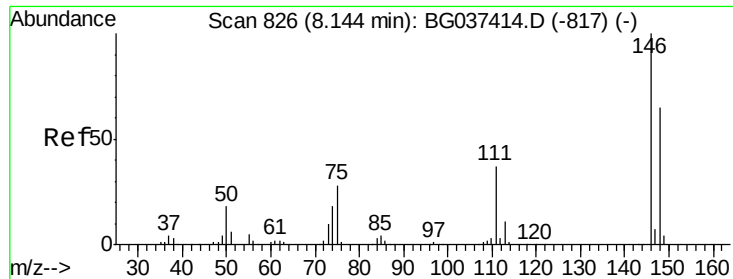
Tot Ion: 93 Resp: 249740
Ion Ratio Lower Upper
93 100
63 89.6 69.5 109.5
95 33.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.389 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion: 146 Resp: 269768
Ion Ratio Lower Upper
146 100
148 64.7 49.8 74.8
75 30.8 23.2 34.8

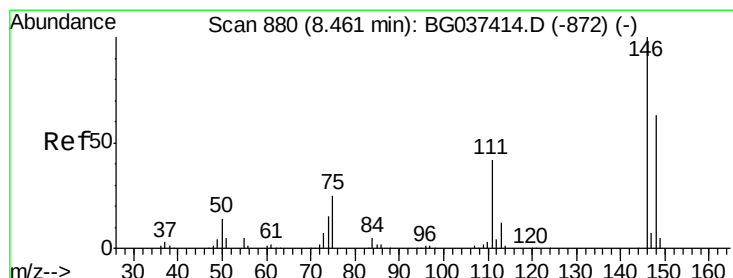
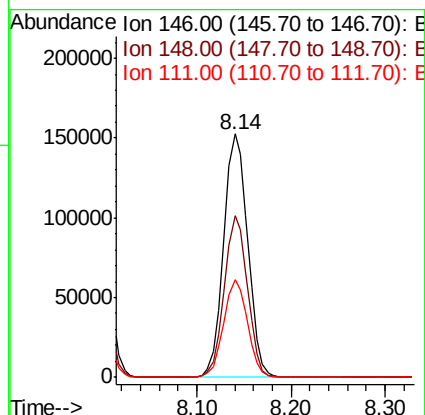
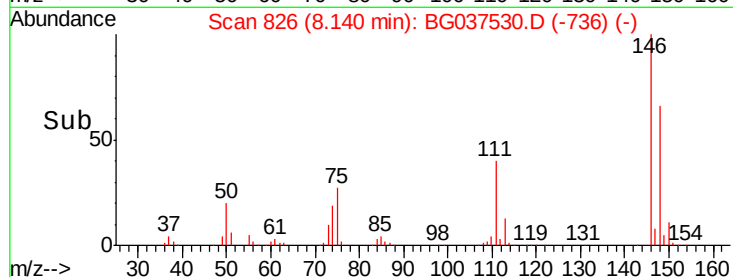
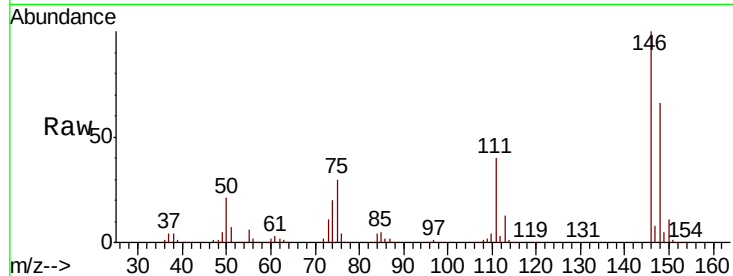




#13
 1,4-Dichlorobenzene
 Concen: 37.749 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

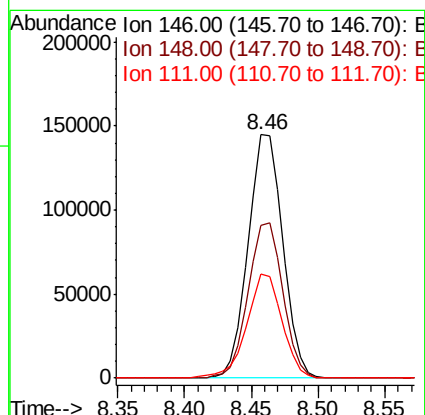
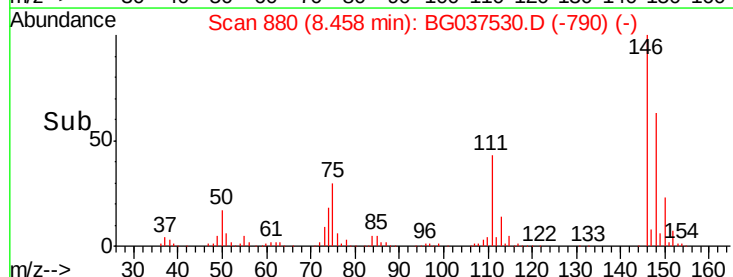
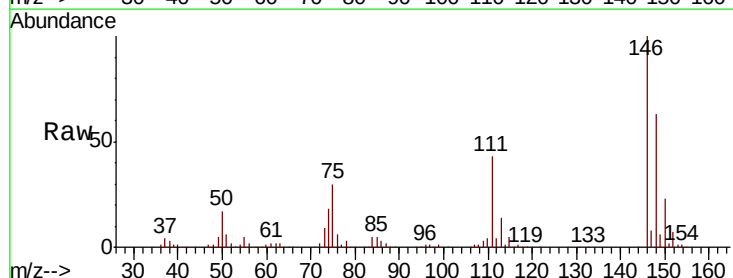
Instrument :
 BNA_G
 ClientSampleId :

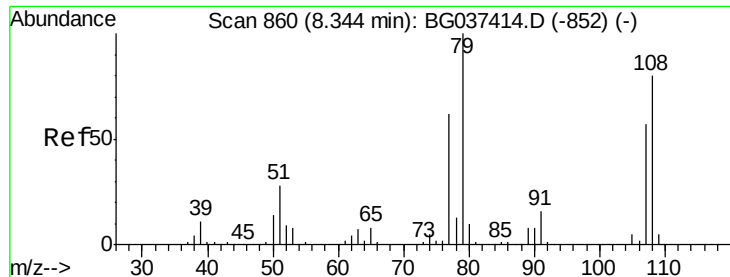
Tot Ion:146 Resp: 271346
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.0 76.6
 111 40.4 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 37.582 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion:146 Resp: 259865
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 42.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.567 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampled :

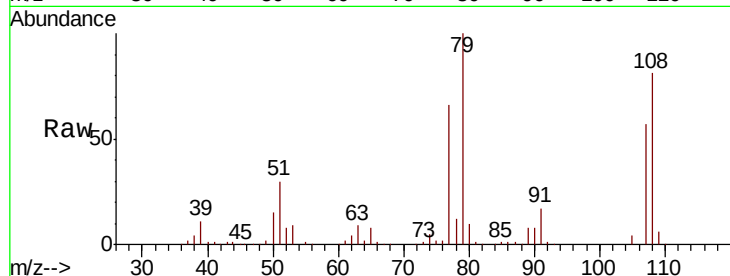
Tot Ion: 79 Resp: 238539

Ion Ratio Lower Upper

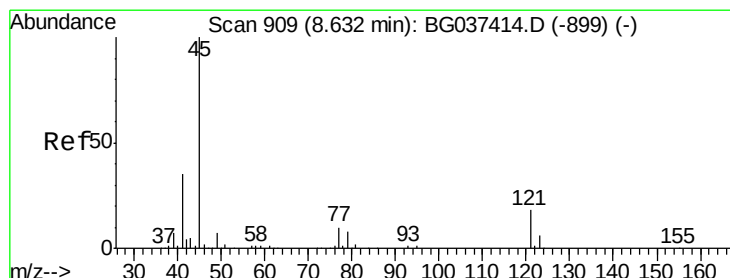
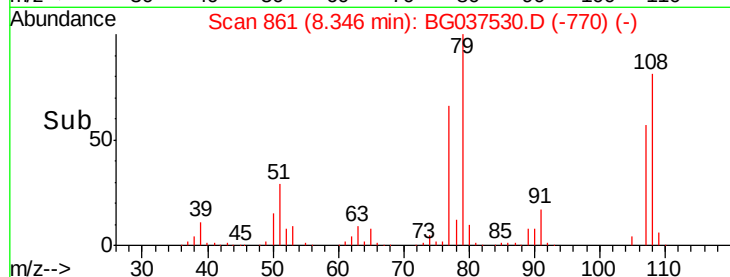
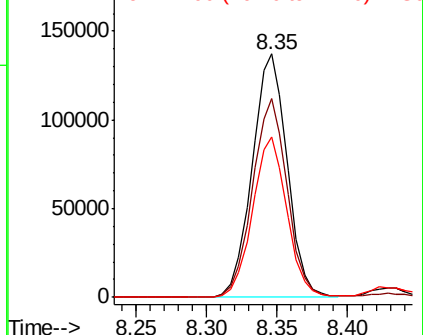
79 100

108 81.4 65.8 98.8

77 66.0 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: 39.444 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

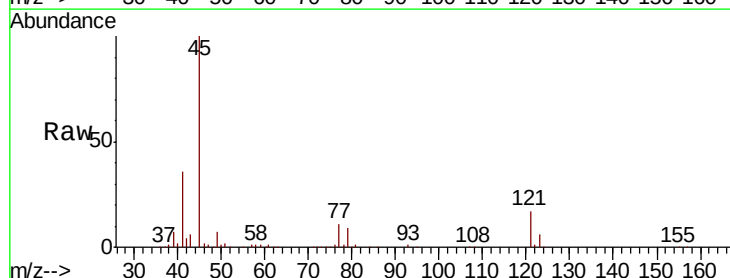
Tgt Ion: 45 Resp: 461447

Ion Ratio Lower Upper

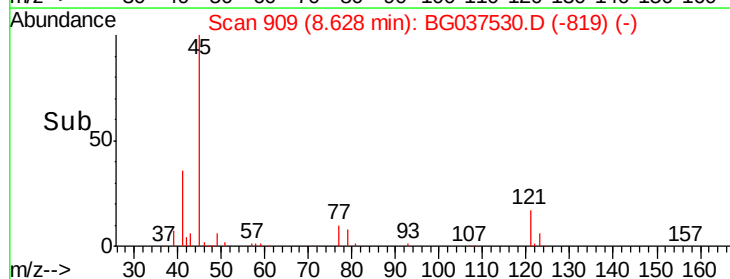
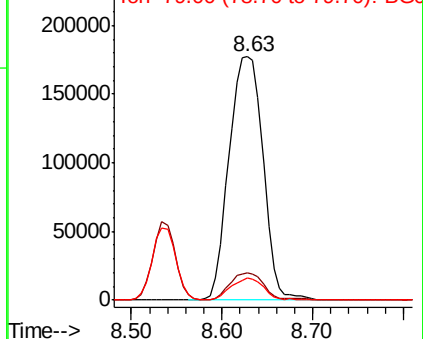
45 100

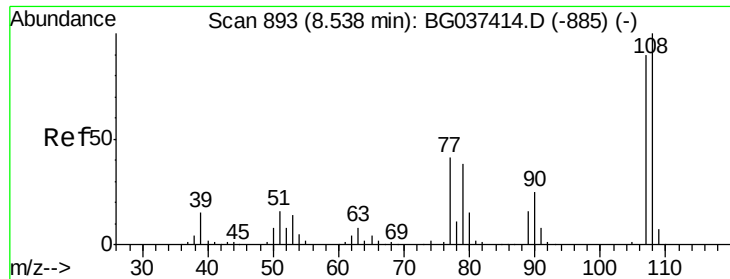
77 11.2 0.0 30.0

79 9.0 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: 38.900 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 221395

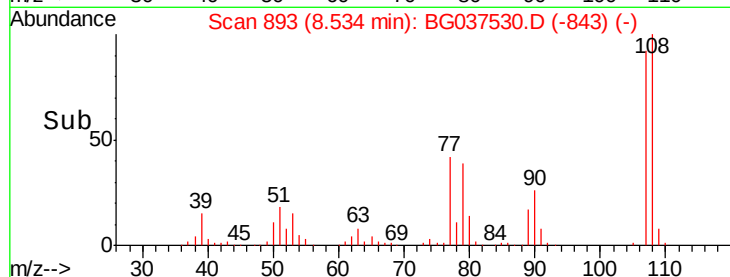
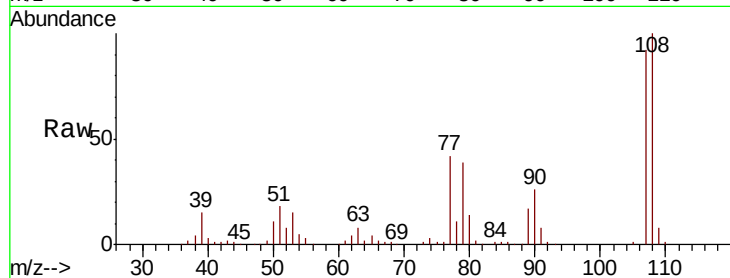
Ion Ratio Lower Upper

107 100

108 108.2 87.9 131.9

77 45.4 35.1 52.7

79 42.2 34.5 51.7

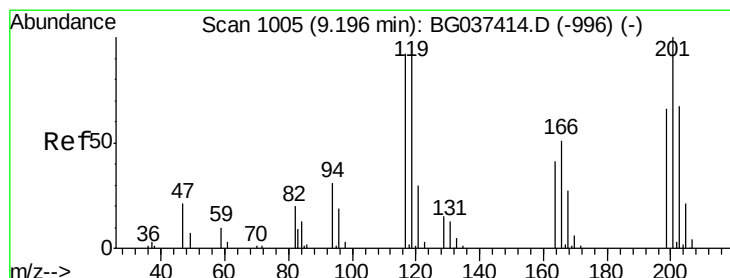
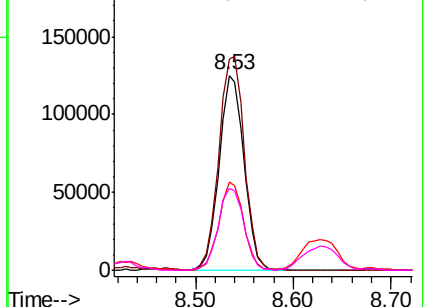


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.647 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

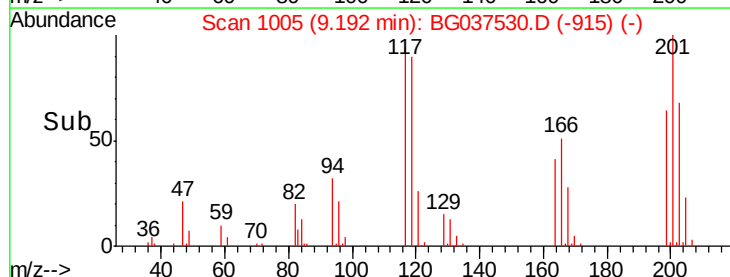
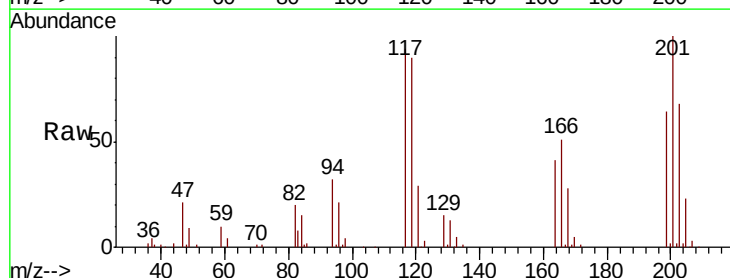
Tgt Ion:117 Resp: 97159

Ion Ratio Lower Upper

117 100

119 95.7 74.6 111.8

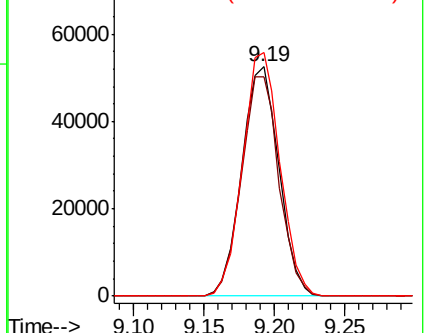
201 108.8 80.8 121.2

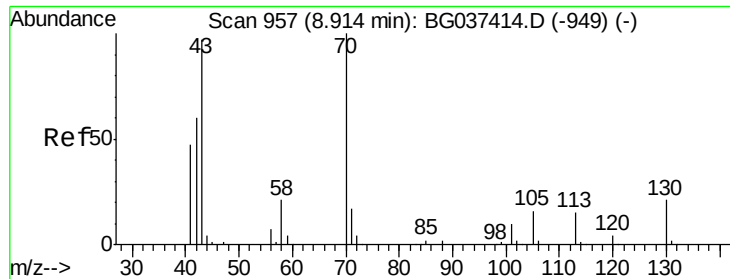


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

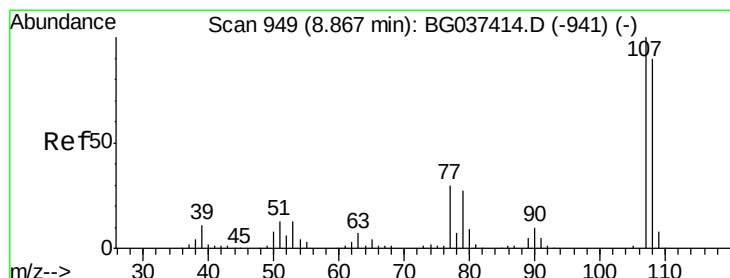
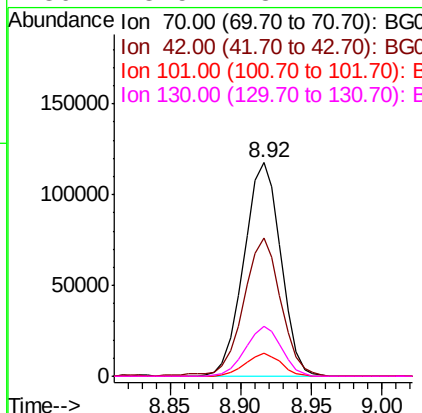
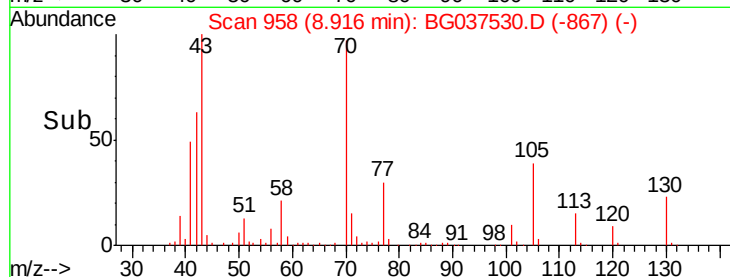
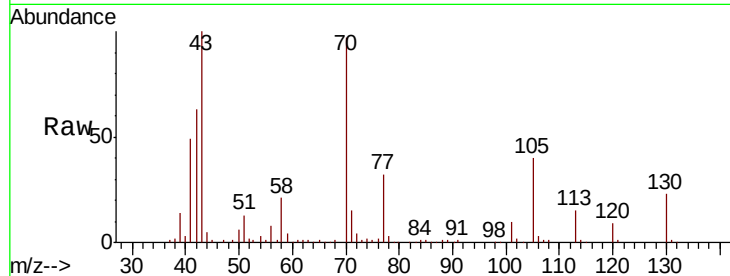




#19
n-Nitroso-di-n-propylamine
Concen: 38.361 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

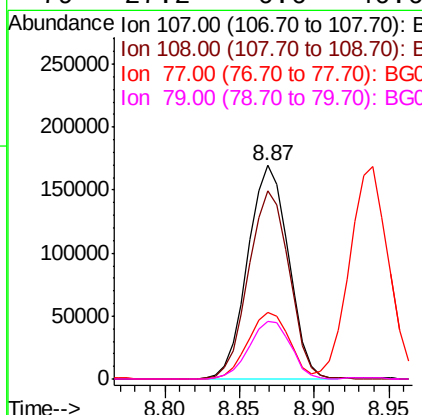
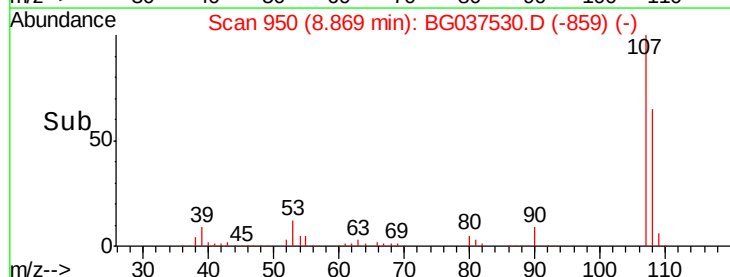
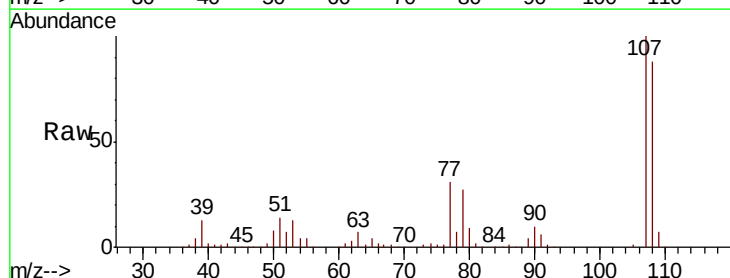
Instrument :
BNA_G
ClientSampleId :

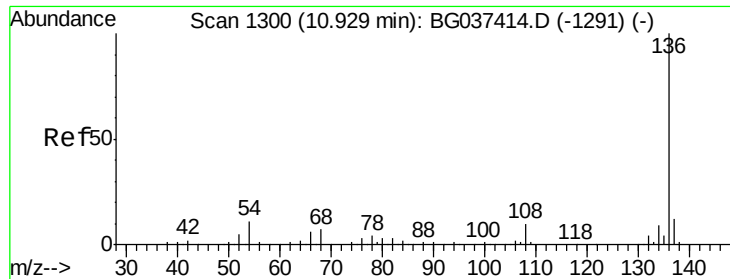
Tot Ion: 70 Resp: 215528
Ion Ratio Lower Upper
70 100
42 65.0 53.9 80.9
101 10.7 8.2 12.2
130 23.5 18.2 27.4



#20
3+4-Methylphenols
Concen: 39.477 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion: 107 Resp: 321224
Ion Ratio Lower Upper
107 100
108 88.2 69.9 109.9
77 31.3 11.2 51.2
79 27.2 6.6 46.6

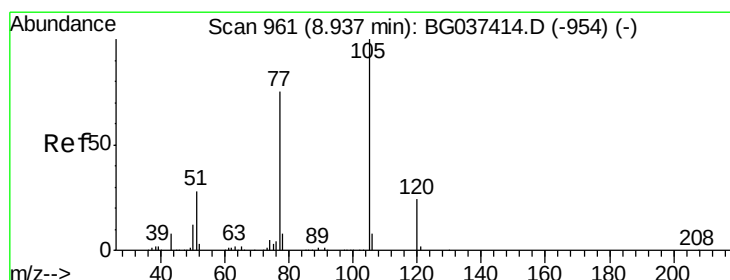
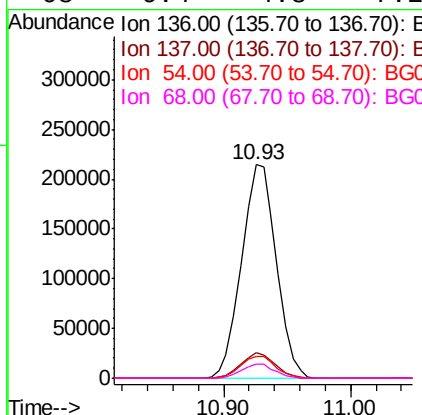
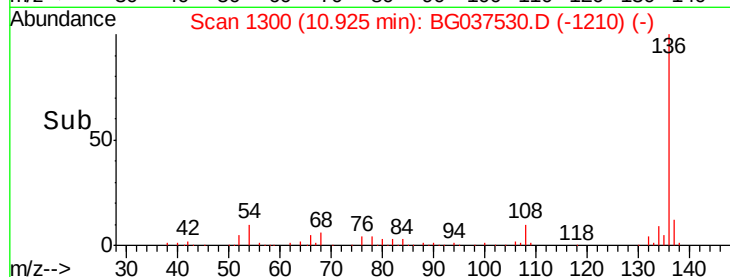
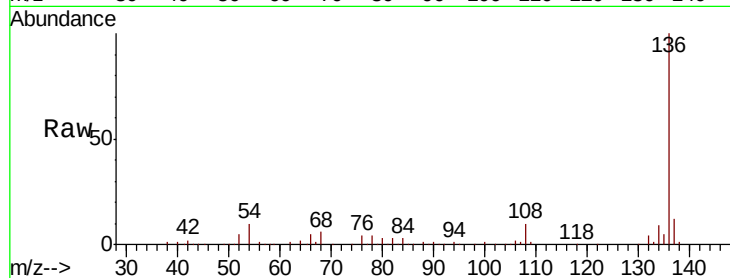




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

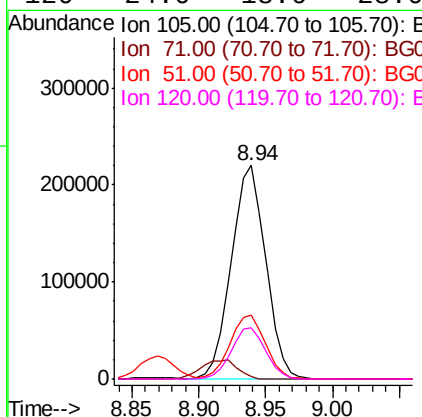
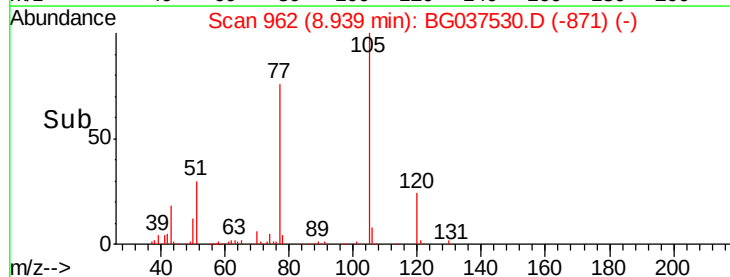
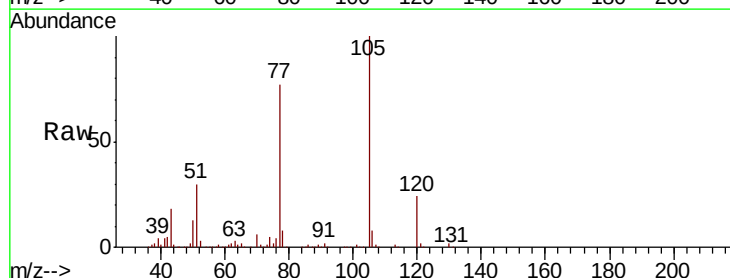
Instrument :
BNA_G
ClientSampleId :

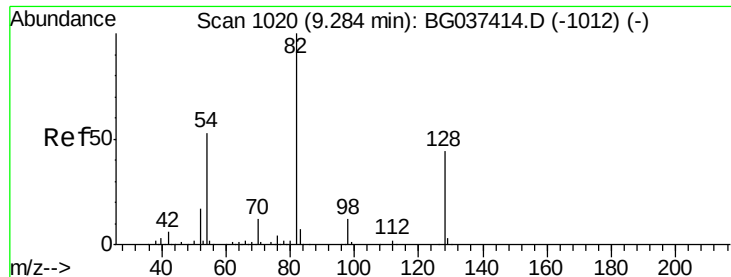
Tot Ion:136	Resp:	407779
Ion	Ratio	Lower Upper
136	100	
137	12.1	9.6 14.4
54	10.1	7.9 11.9
68	6.4	4.8 7.2



#22
Acetophenone
Concen: 38.628 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:105	Resp:	395044
Ion	Ratio	Lower Upper
105	100	
71	1.0	1.2 1.8#
51	30.0	25.0 37.6
120	24.0	18.6 28.0

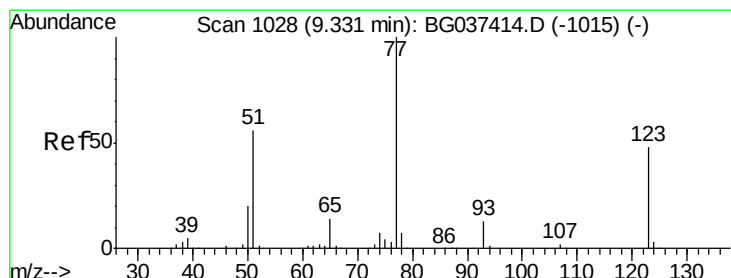
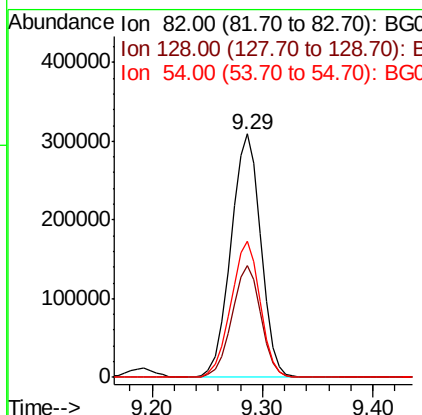
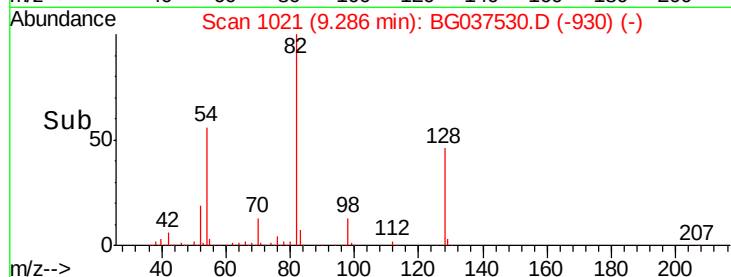
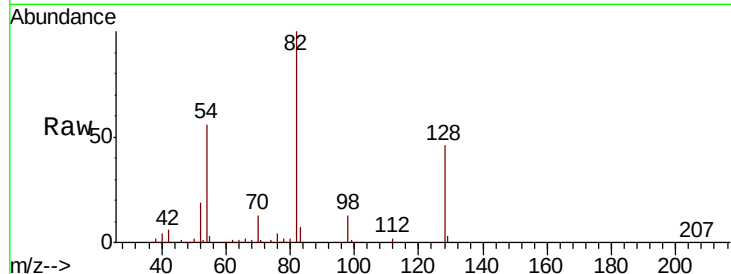




#23
 Nitrobenzene-d5
 Concen: 80.684 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

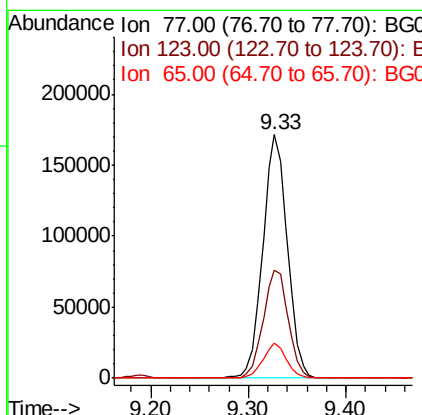
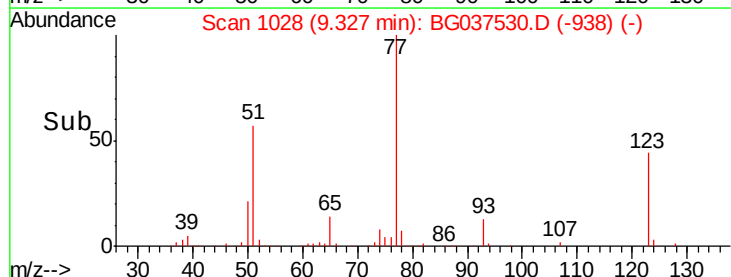
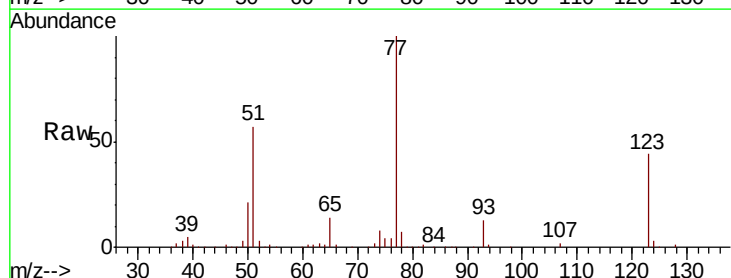
Instrument :
 BNA_G
 ClientSampleId :

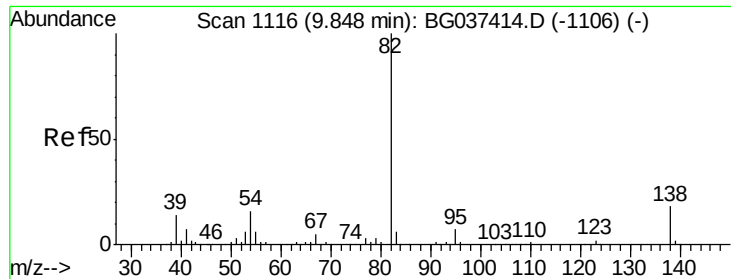
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.6	51.8
54	55.8	45.3	67.9



#24
 Nitrobenzene
 Concen: 40.110 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	33.6	50.4
65	14.4	11.3	16.9

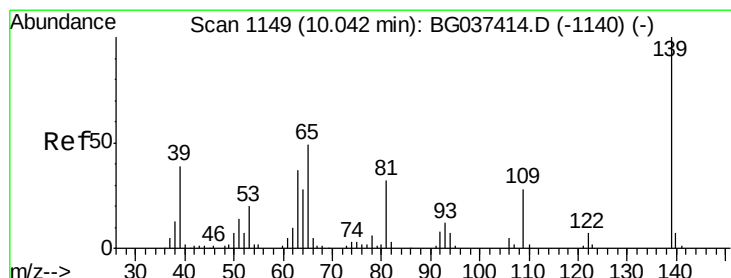
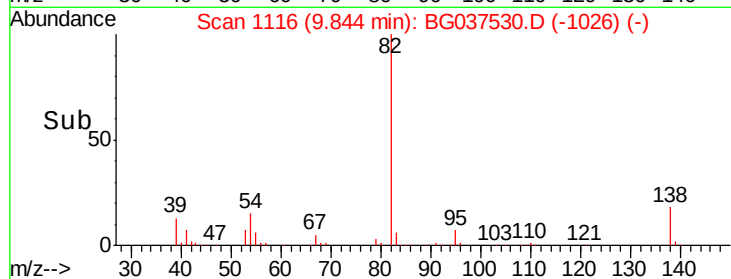
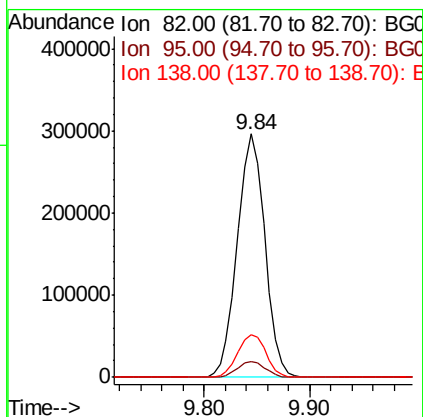
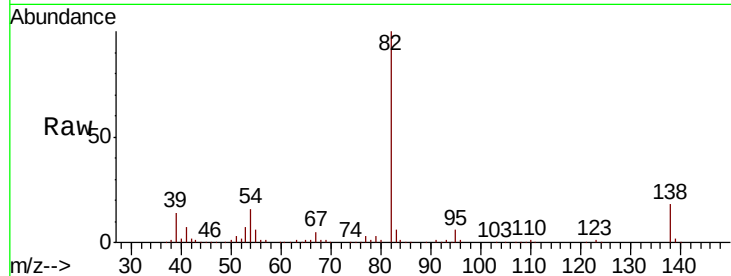




#25
Isophorone
Concen: 40.309 ng
RT: 9.84 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

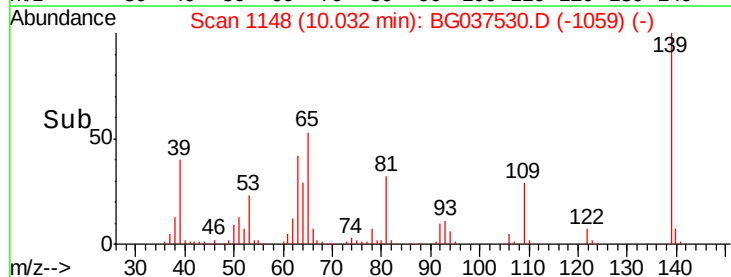
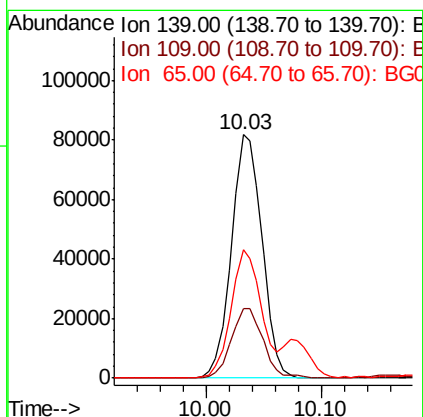
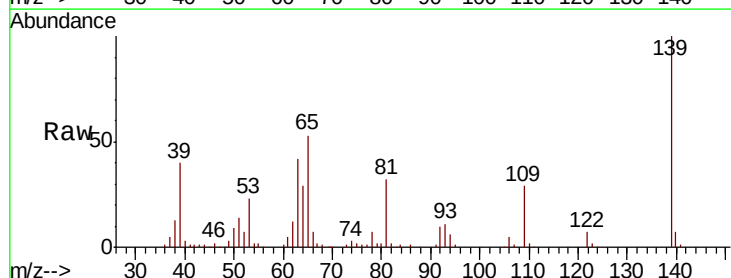
Instrument :
BNA_G
ClientSampleId :

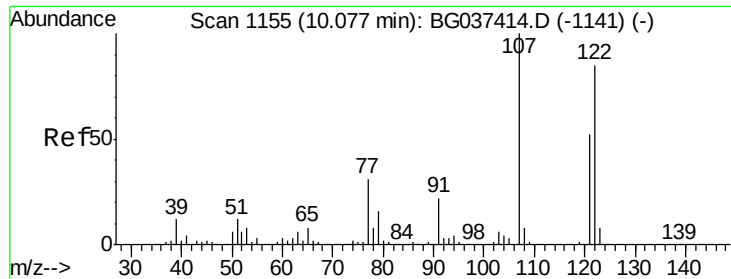
Tot Ion: 82 Resp: 536128
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 17.6 13.3 19.9



#26
2-Nitrophenol
Concen: 43.951 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion: 139 Resp: 149725
Ion Ratio Lower Upper
139 100
109 28.6 23.3 34.9
65 52.9 39.8 59.8

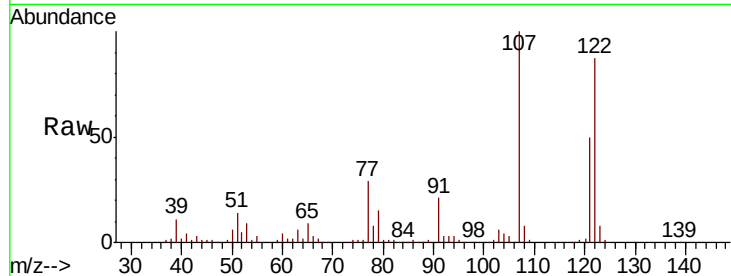




#27
 2,4-Dimethylphenol
 Concen: 39.310 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	94.2	141.2
121	57.9	47.3	70.9

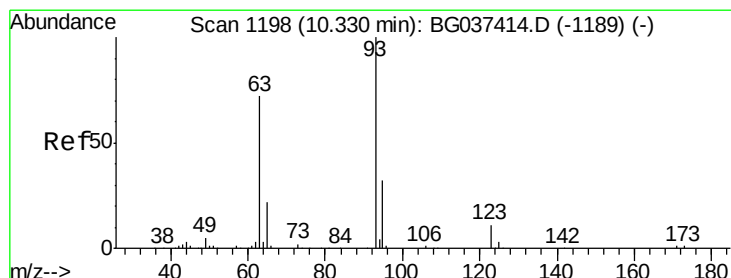
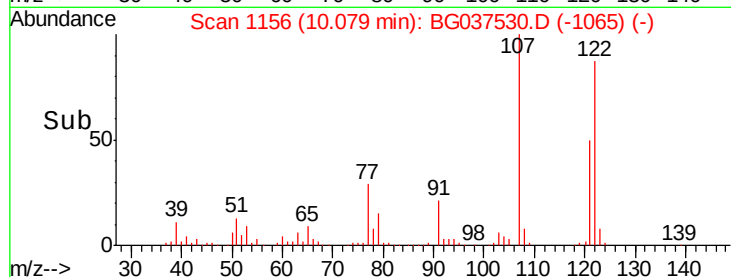
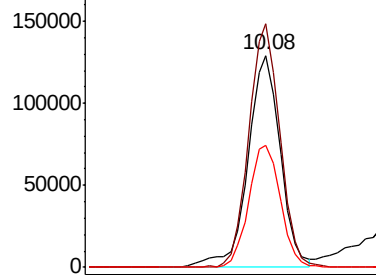


Abundance

Ion 122.00 (121.70 to 122.70): E

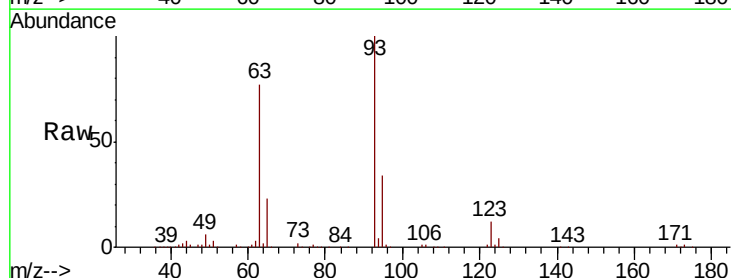
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.936 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	24.6	37.0
123	12.2	9.1	13.7

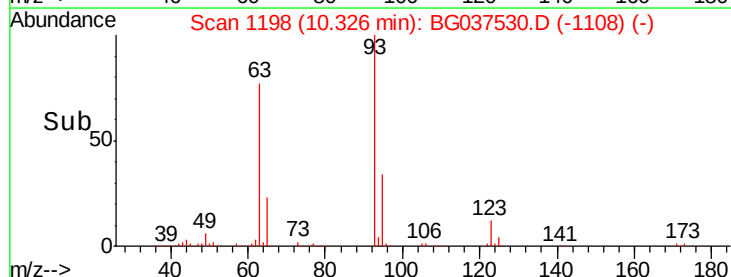
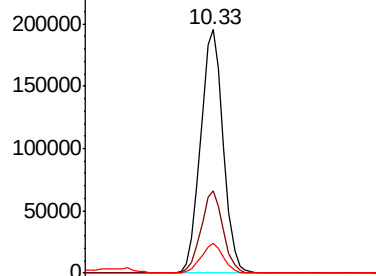


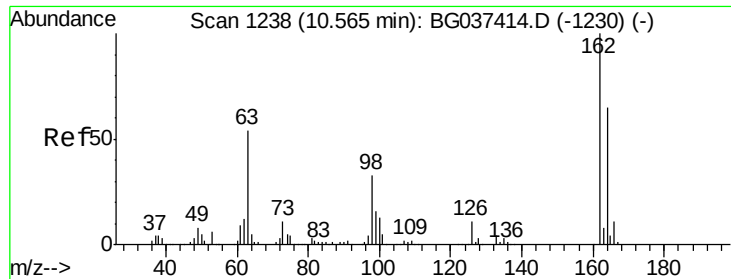
Abundance

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

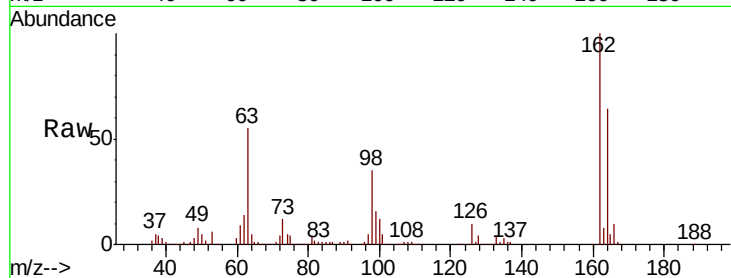




#29
 2,4-Dichlorophenol
 Concen: 39.920 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.2	83.2
98	35.0	16.0	56.0

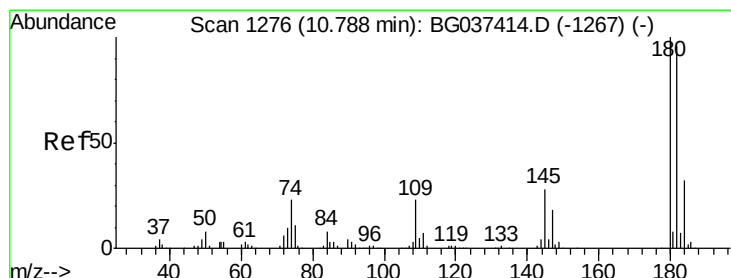
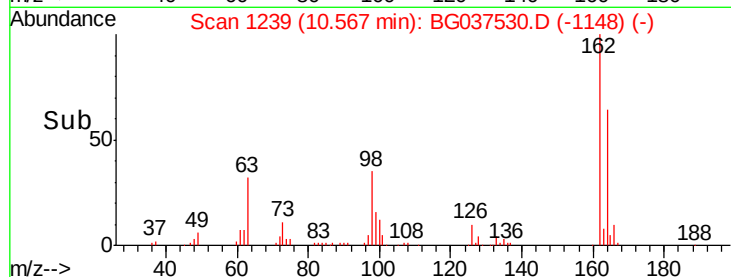
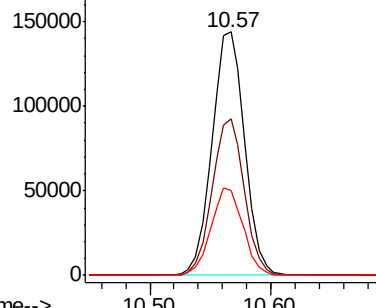


Abundance

Ion 162.00 (161.70 to 162.70): E

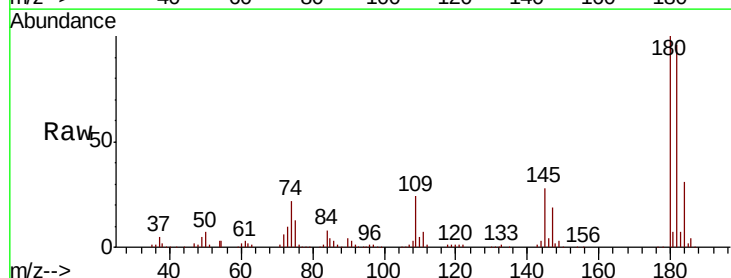
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.420 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.7	116.5
145	27.5	23.3	34.9

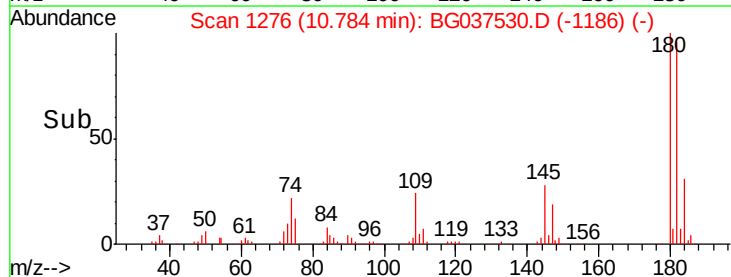
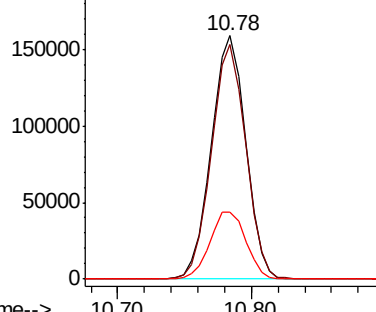


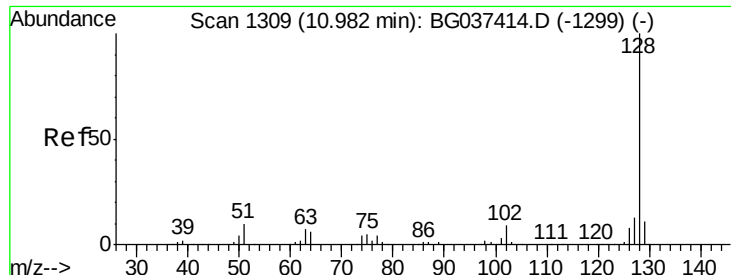
Abundance

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

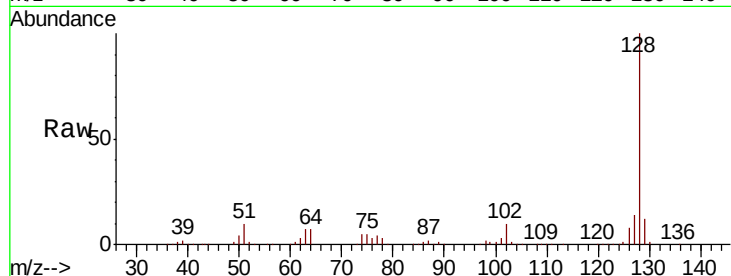




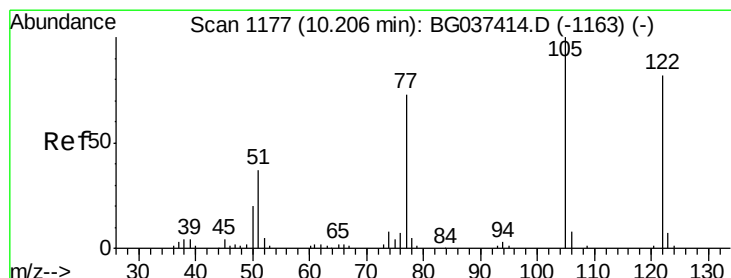
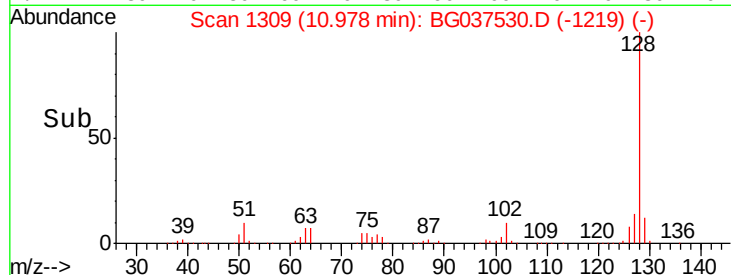
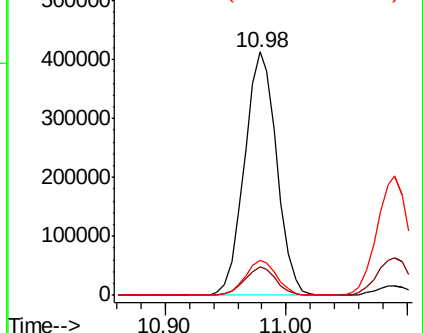
#31
Naphthalene
Concen: 38.152 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 764154
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 14.4 11.1 16.7

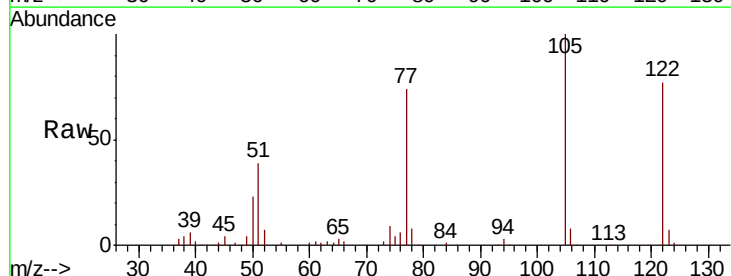


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

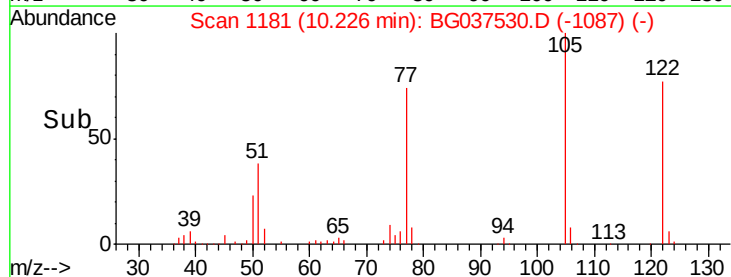
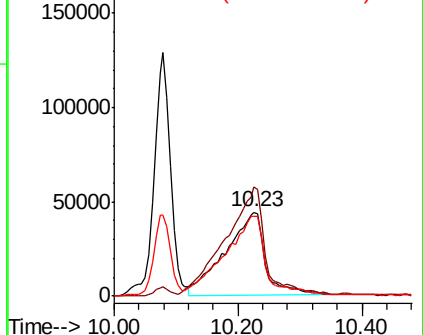


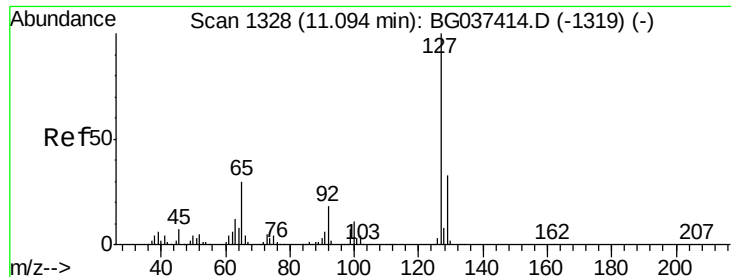
#32
Benzoic acid
Concen: 50.696 ng
RT: 10.23 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:122 Resp: 200284
Ion Ratio Lower Upper
122 100
105 129.6 106.7 146.7
77 95.5 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

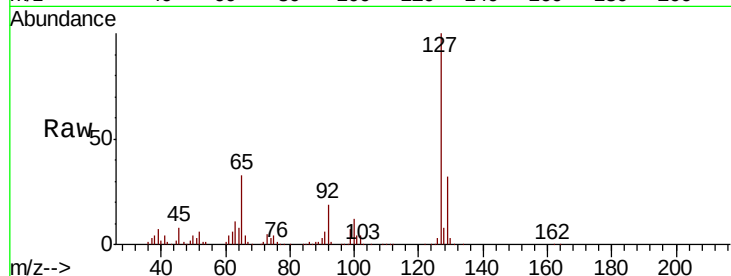




#33
4-Chloroaniline
Concen: 39.714 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	373740
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.1	40.7
65	32.7	26.6	39.8
92	18.7	16.4	24.6



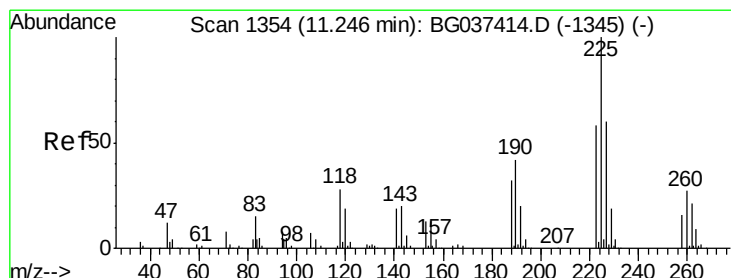
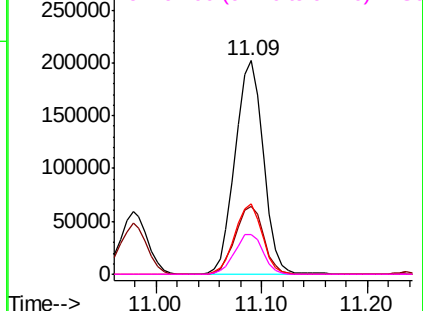
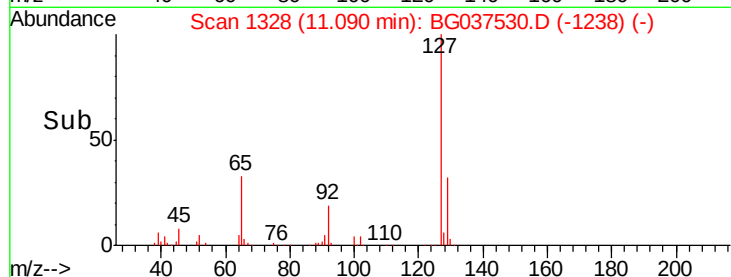
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

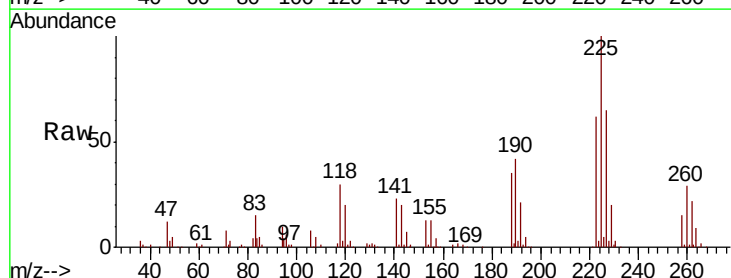
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.374 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:	225	Resp:	167497
Ion	Ratio	Lower	Upper
225	100		
223	58.7	48.2	72.4
227	64.5	51.6	77.4

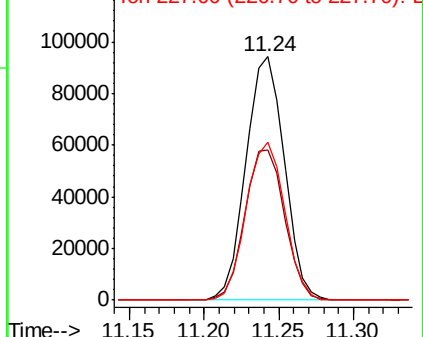
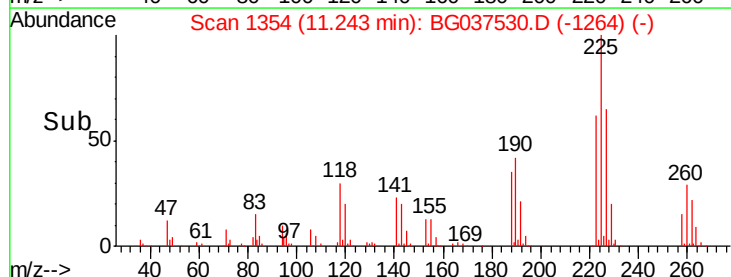


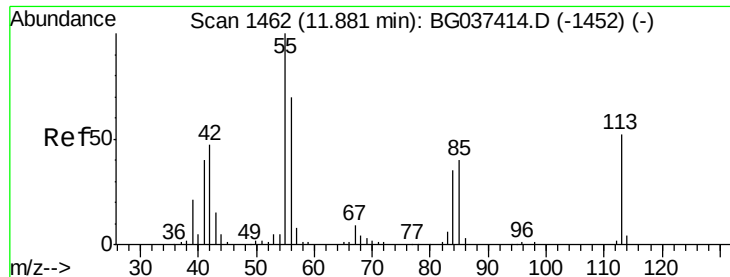
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

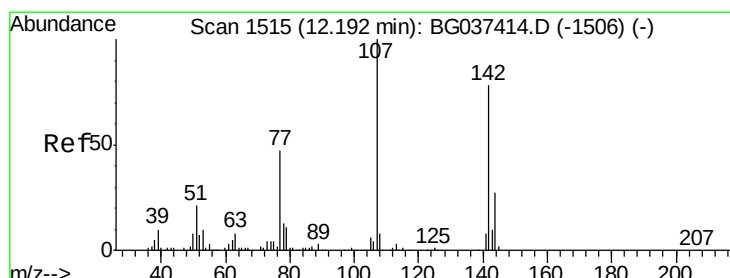
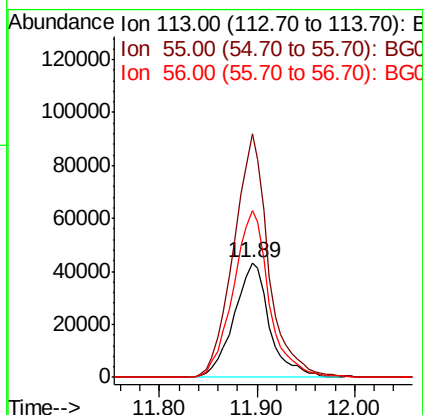
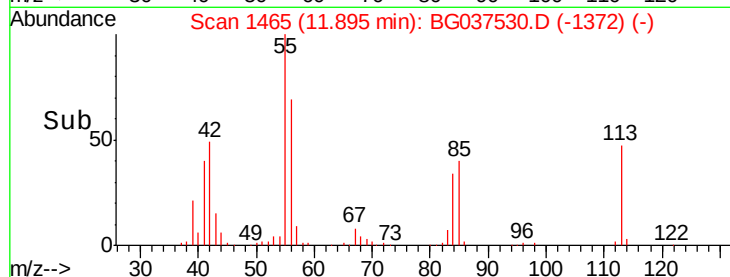
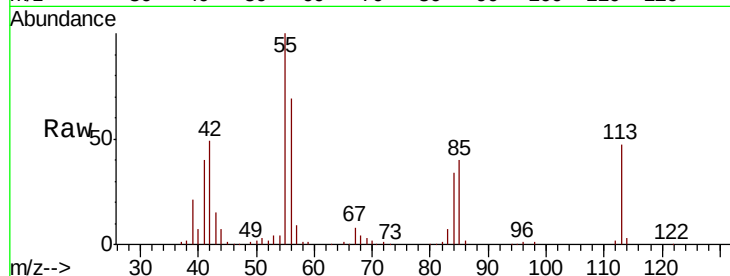




#35
 Caprolactam
 Concen: 40.257 ng
 RT: 11.89 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

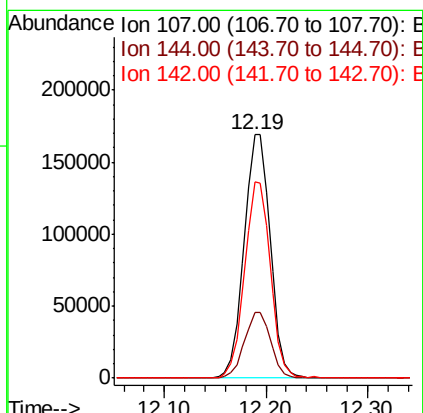
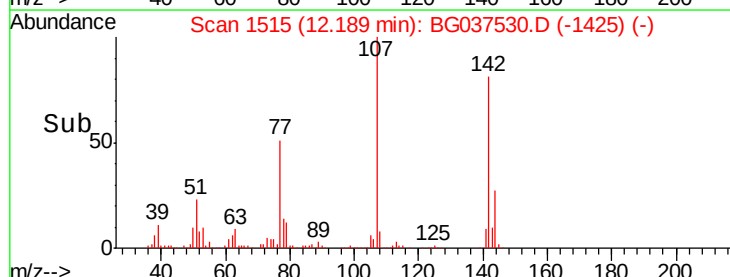
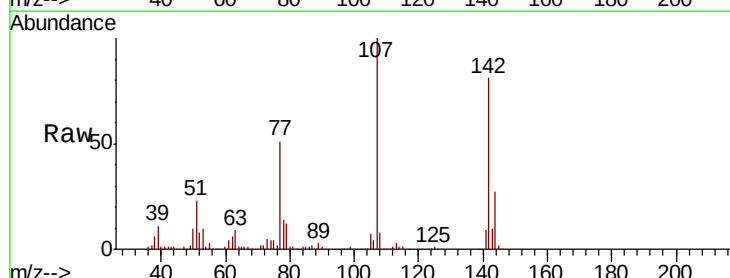
Instrument :
 BNA_G
 ClientSampleId :

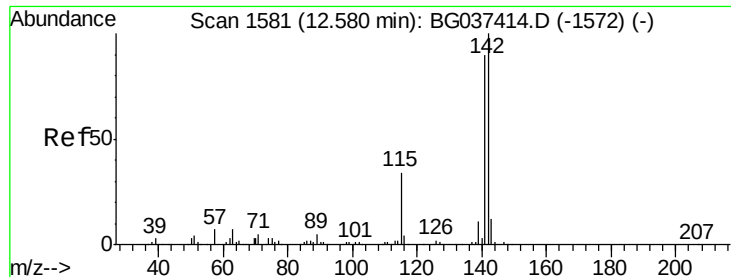
Tot Ion:113 Resp: 109343
 Ion Ratio Lower Upper
 113 100
 55 211.9 176.6 216.6
 56 145.1 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.688 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion:107 Resp: 303122
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.7 31.1
 142 80.5 64.4 96.6

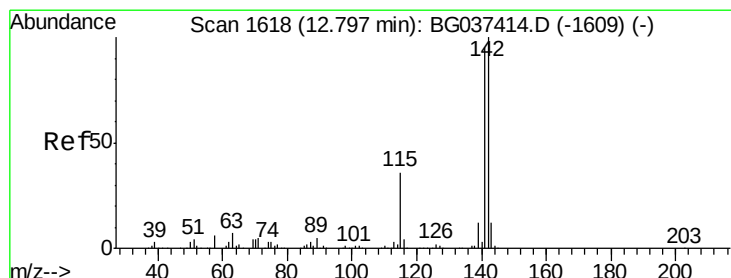
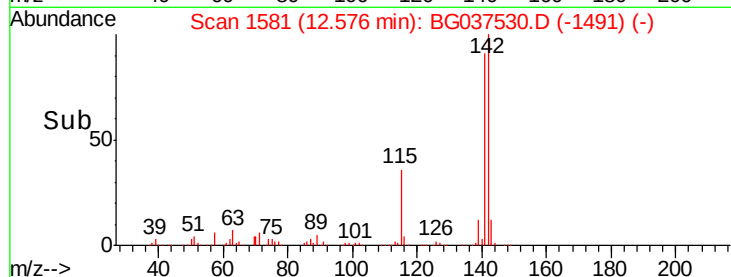
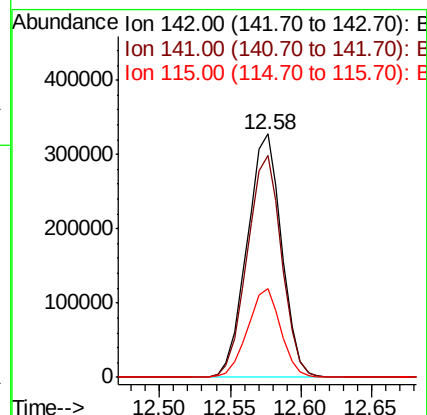
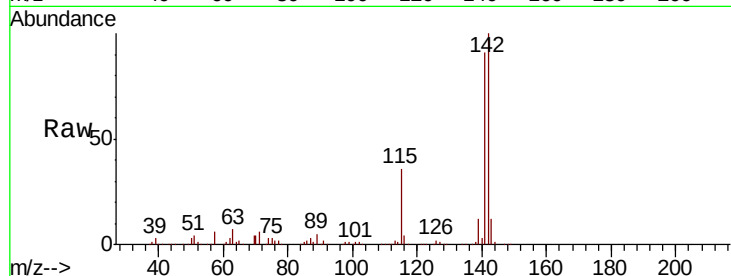




#37
2-Methylnaphthalene
Concen: 38.489 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

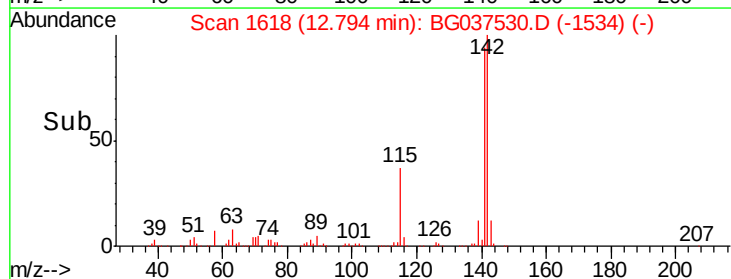
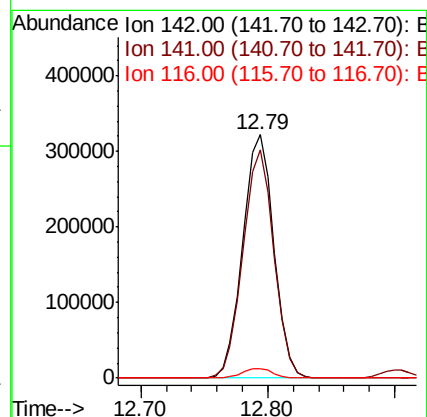
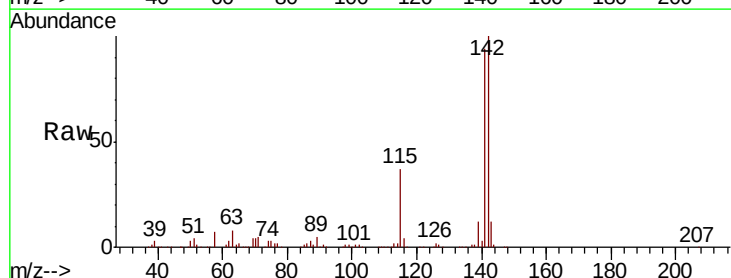
Instrument :
BNA_G
ClientSampleId :

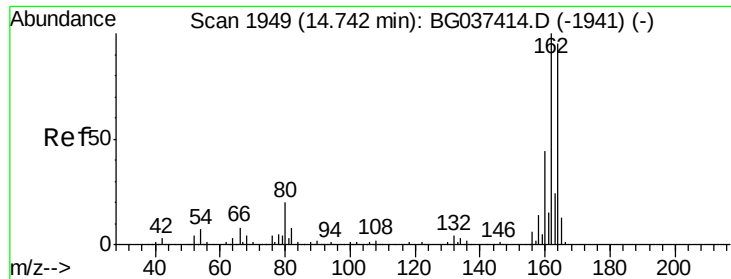
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	36.3	27.8	41.8



#38
1-Methylnaphthalene
Concen: 38.508 ng
RT: 12.79 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampleId :

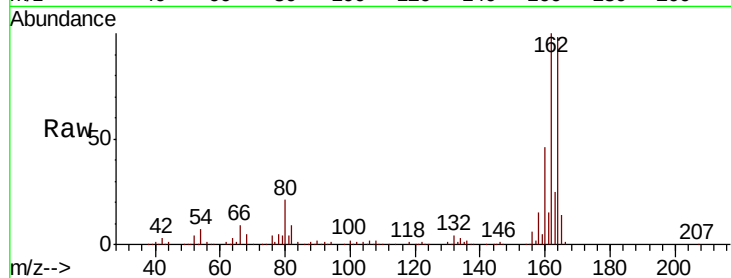
Tot Ion:164 Resp: 268525

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 46.3 36.3 54.5

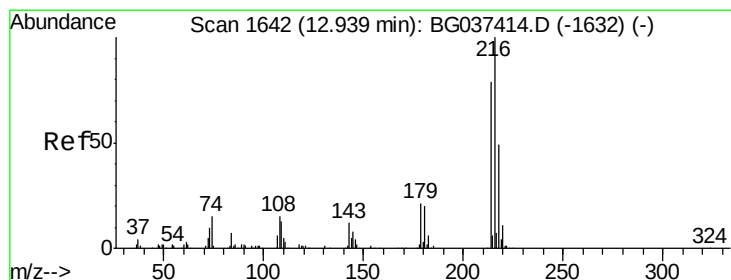
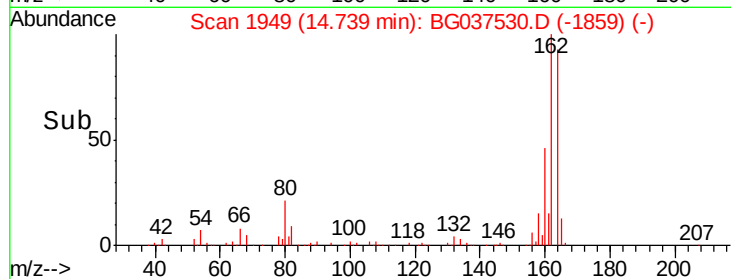
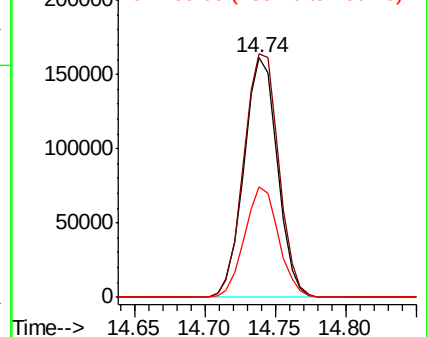


Abundance

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: 38.628 ng

RT: 12.93 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Tgt Ion:216 Resp: 334576

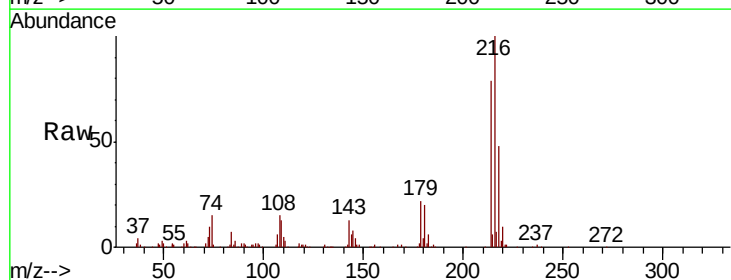
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 21.4 17.4 26.0

108 17.4 13.9 20.9



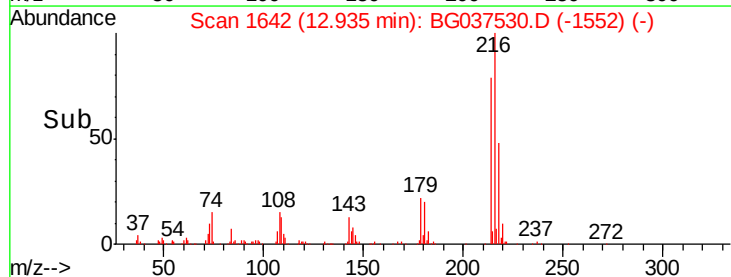
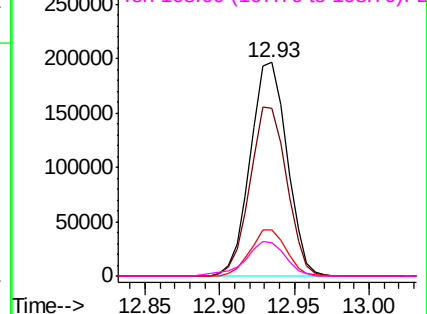
Abundance

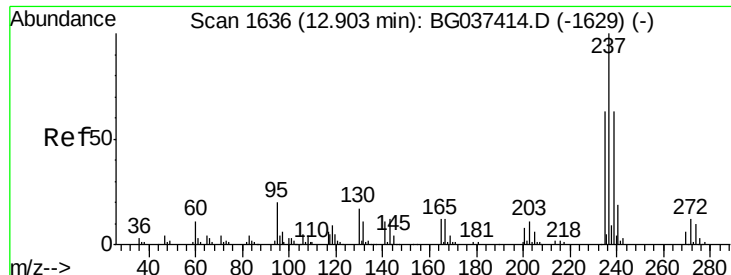
Ion 216.00 (215.70 to 216.70): E

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

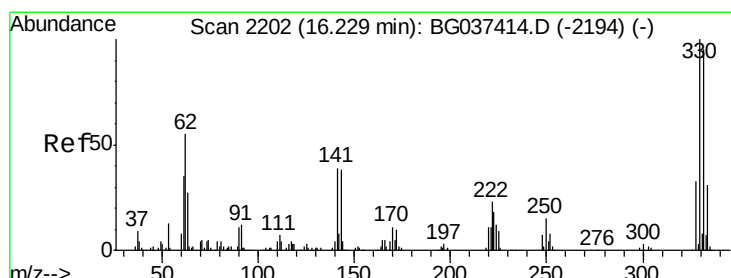
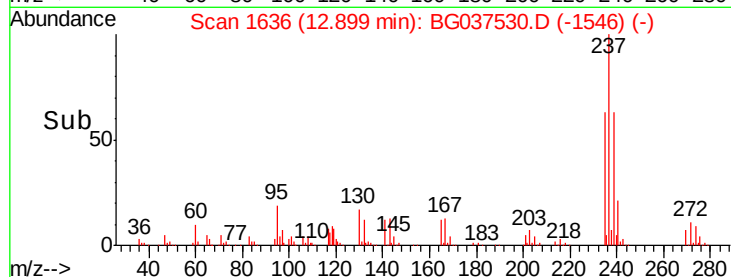
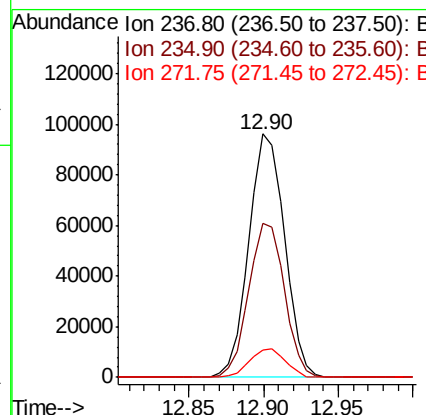
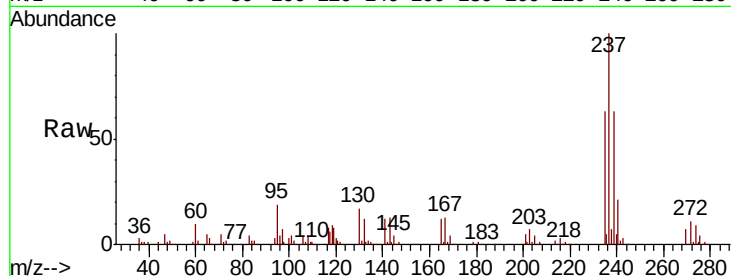




#41
Hexachlorocyclopentadiene
Concen: 38.444 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

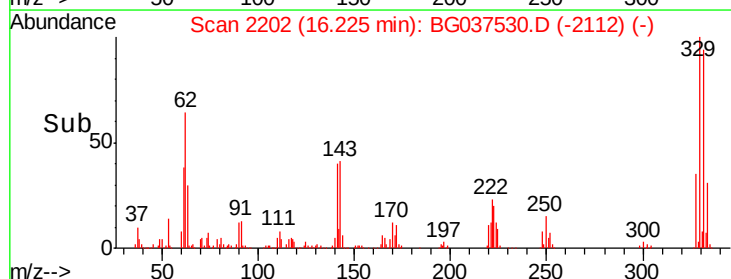
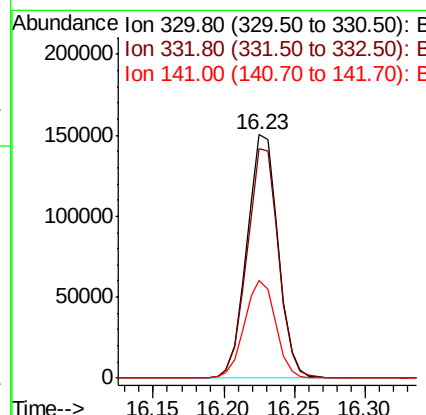
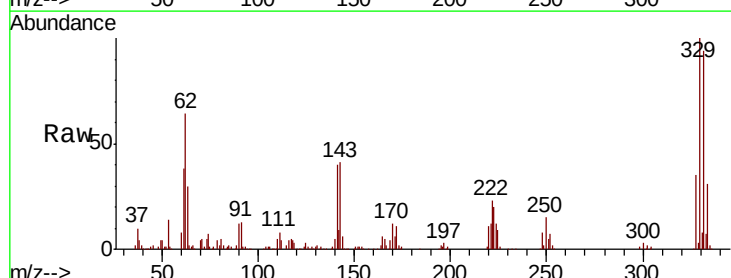
Instrument :
BNA_G
ClientSampleId :

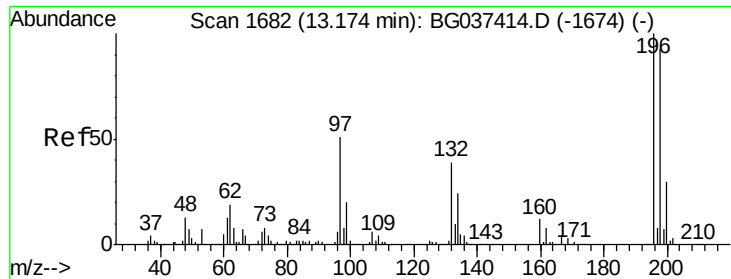
Tot Ion:237 Resp: 159055
Ion Ratio Lower Upper
237 100
235 63.3 42.5 82.5
272 11.4 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 79.704 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:330 Resp: 233436
Ion Ratio Lower Upper
330 100
332 94.8 78.4 117.6
141 40.2 32.2 48.2





#43

2,4,6-Trichlorophenol

Concen: 40.645 ng

RT: 13.17 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampled :

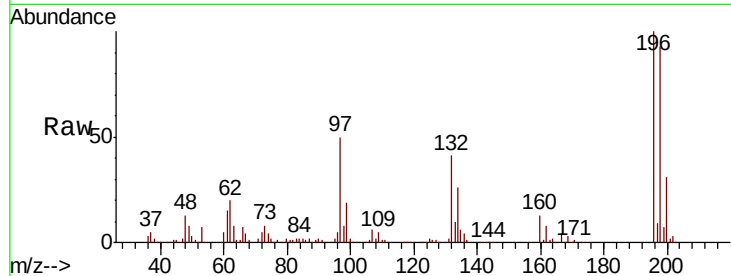
Tot Ion:196 Resp: 235195

Ion Ratio Lower Upper

196 100

198 93.0 76.4 114.6

200 30.7 24.9 37.3

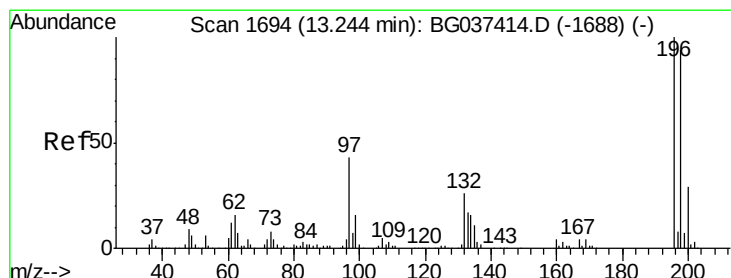
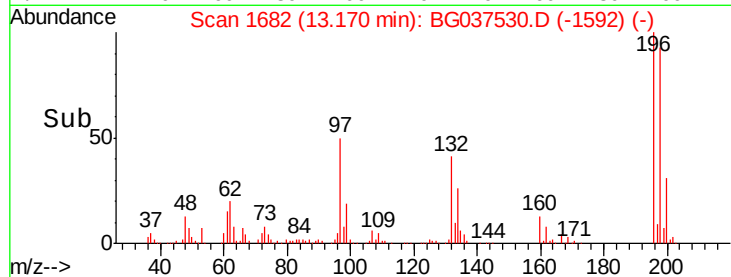
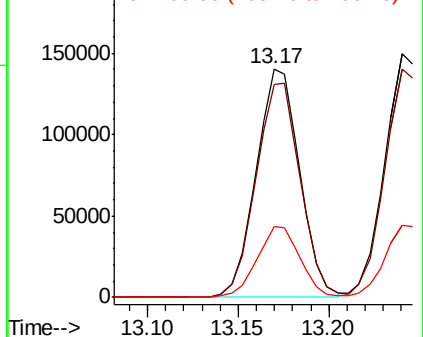


Abundance

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: 40.030 ng

RT: 13.24 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Tgt Ion:196 Resp: 252199

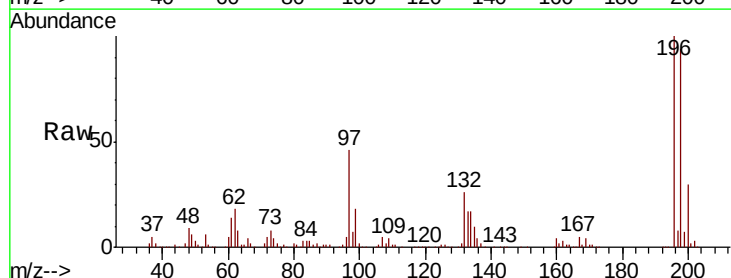
Ion Ratio Lower Upper

196 100

198 93.6 74.2 111.2

97 46.2 34.1 51.1

132 25.6 20.2 30.4



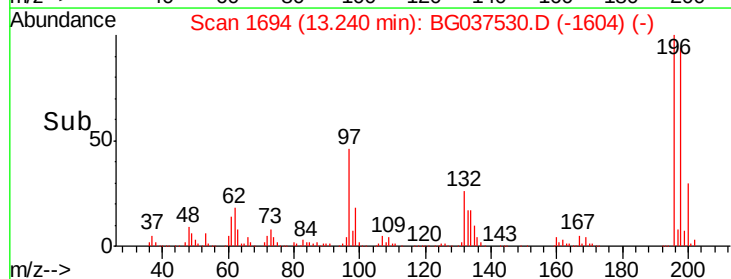
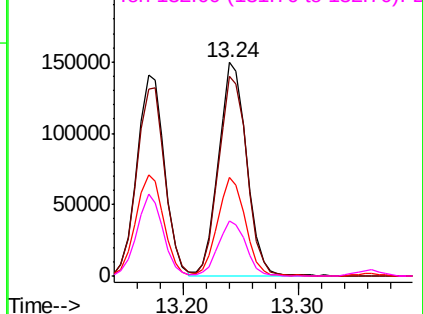
Abundance

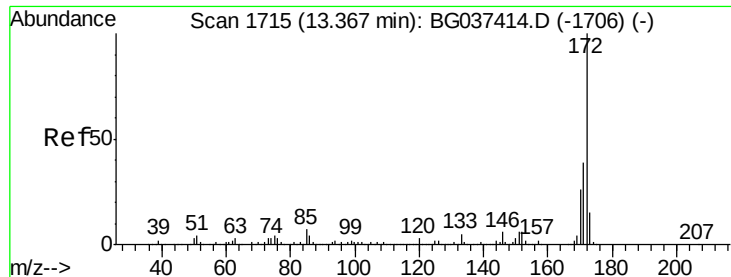
Ion 196.00 (195.70 to 196.70): E

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

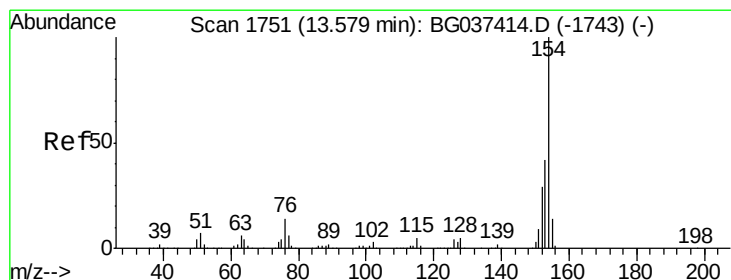
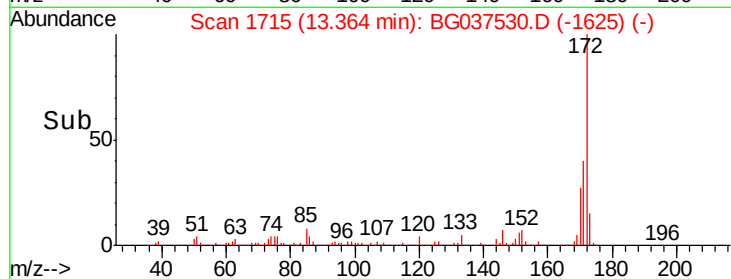
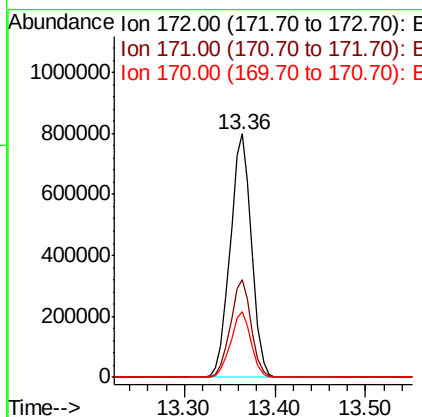
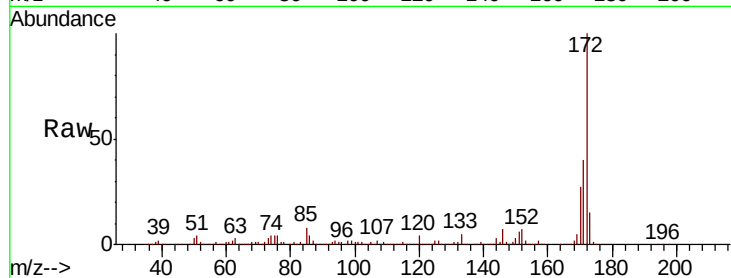




#45
2-Fluorobiphenyl
Concen: 73.053 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

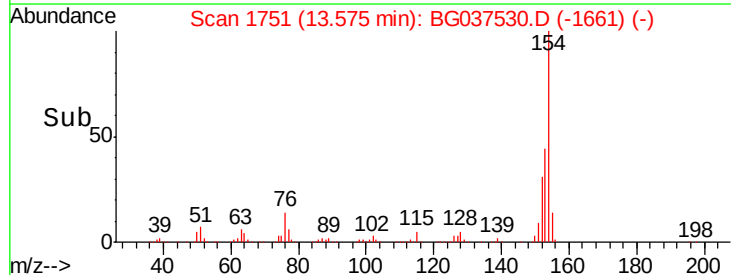
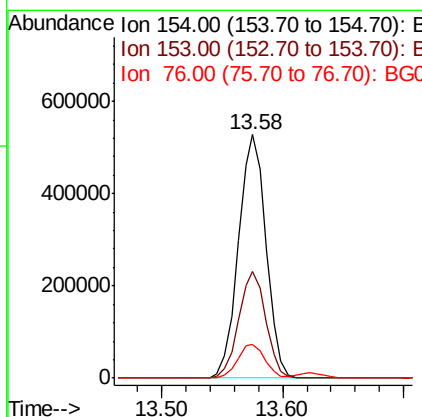
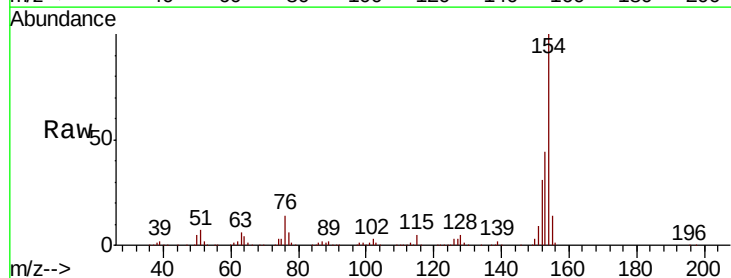
Instrument :
BNA_G
ClientSampled :

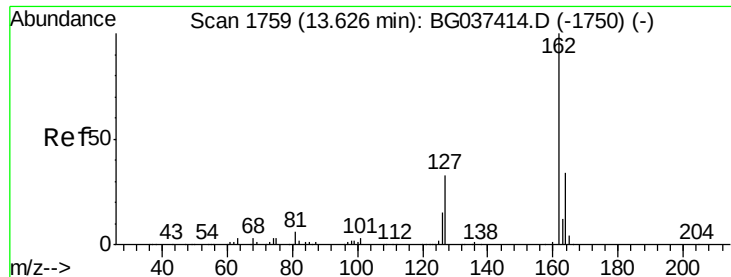
Tot Ion:172 Resp: 1300885
Ion Ratio Lower Upper
172 100
171 40.3 31.0 46.4
170 26.9 20.2 30.2



#46
1,1'-Biphenyl
Concen: 37.640 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:154 Resp: 837054
Ion Ratio Lower Upper
154 100
153 44.1 22.1 62.1
76 13.8 0.0 33.2

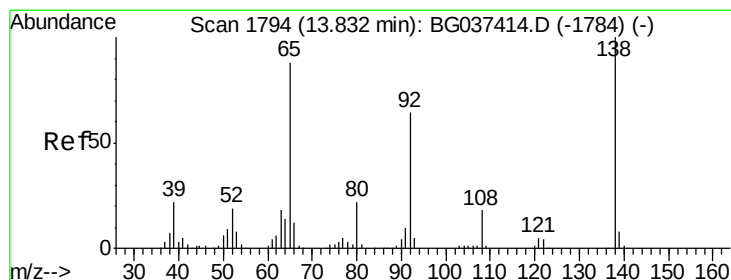
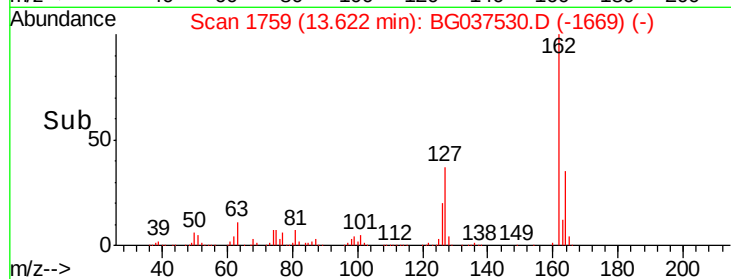
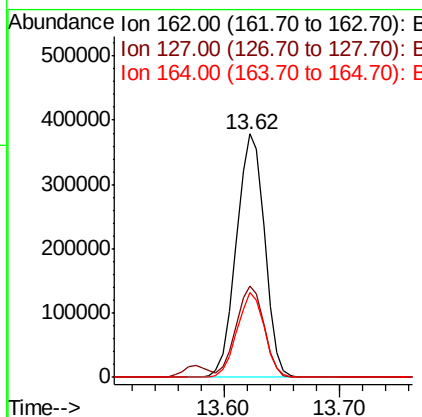
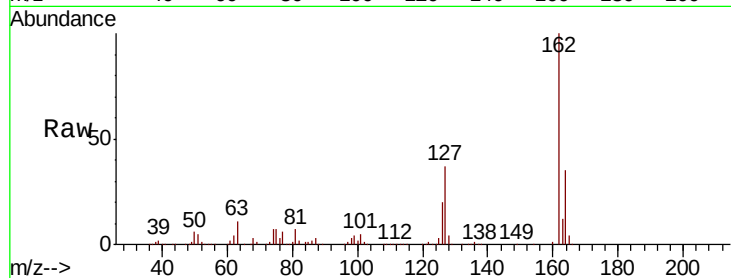




#47
 2-Chloronaphthalene
 Concen: 38.002 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

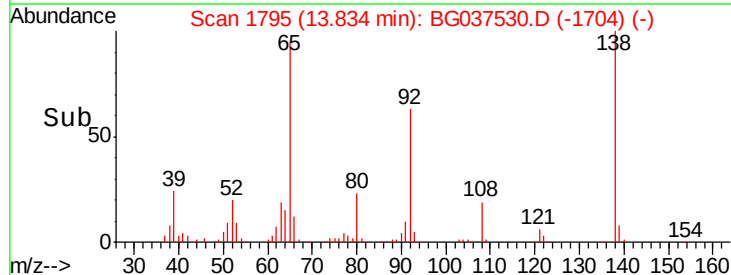
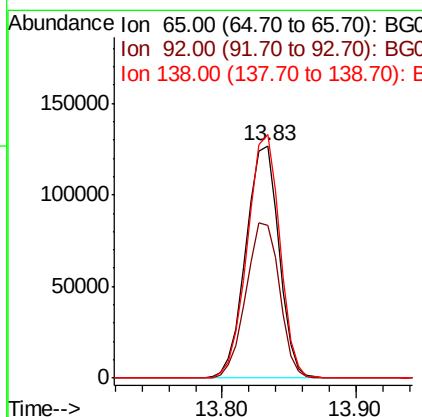
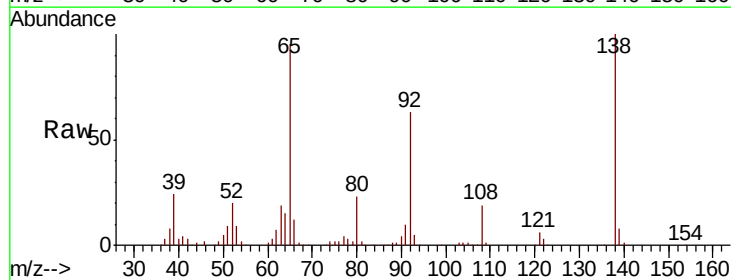
Instrument :
 BNA_G
 ClientSampleId :

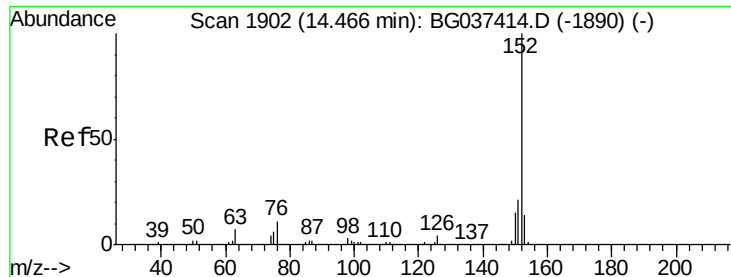
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.5	45.7
164	34.7	26.4	39.6



#48
 2-Nitroaniline
 Concen: 42.570 ng
 RT: 13.83 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.2	79.8
138	104.9	79.3	118.9





#49

Acenaphthylene

Concen: 38.138 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037530.D

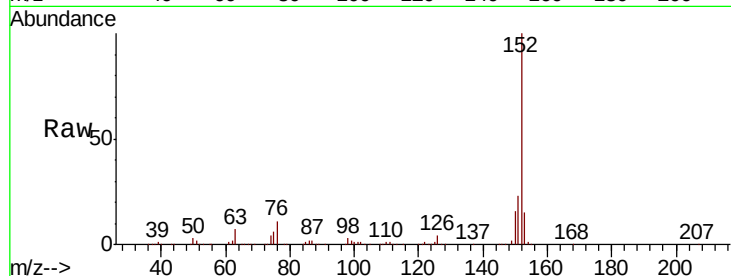
Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	152	Resp:	965225
Ion	Ratio	Lower	Upper
152	100		
151	23.2	17.1	25.7
153	14.7	11.1	16.7

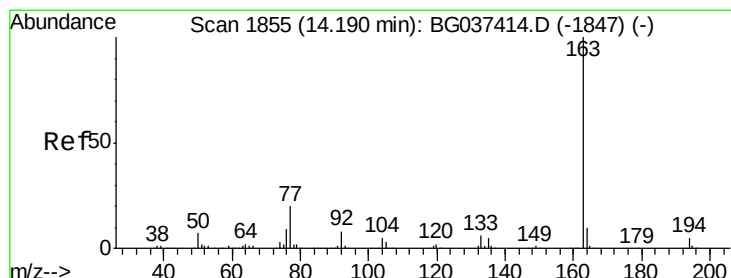
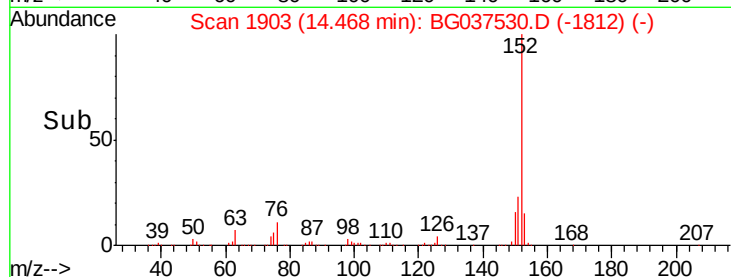
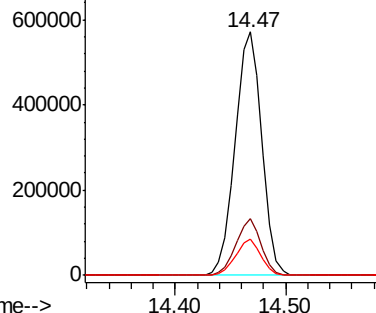


Abundance

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: 37.791 ng

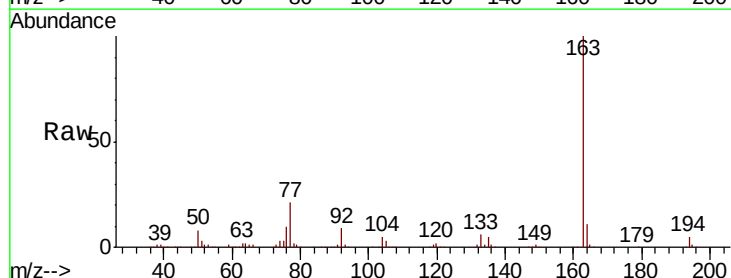
RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Tgt Ion:	163	Resp:	785058
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.8	8.5	12.7

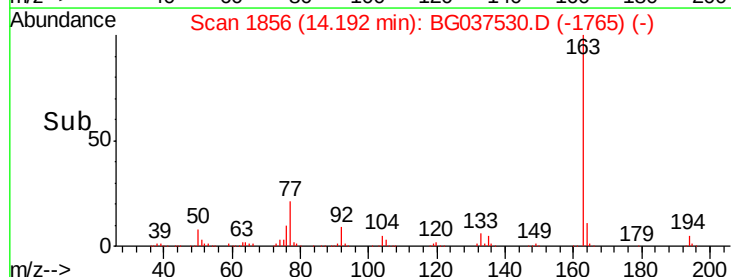
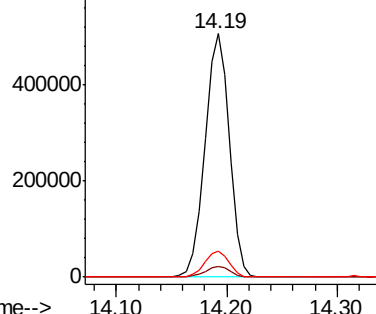


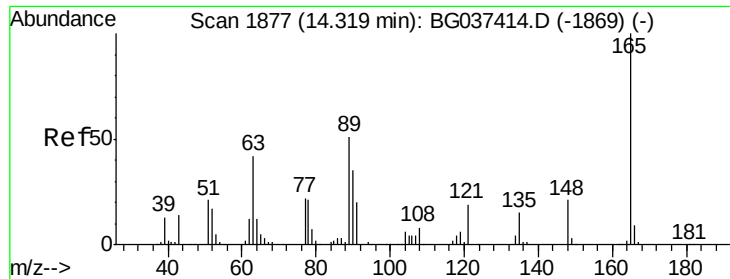
Abundance

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

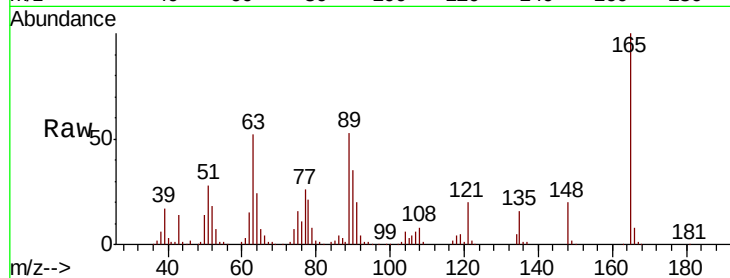




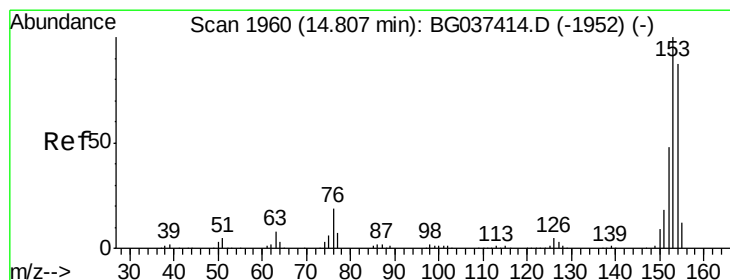
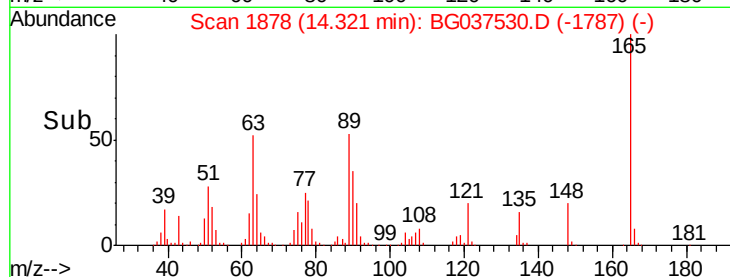
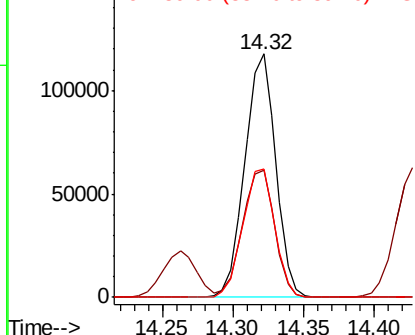
#51
2,6-Dinitrotoluene
Concen: 39.461 ng
RT: 14.32 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 181342
Ion Ratio Lower Upper
165 100
63 52.2 43.4 65.2
89 53.0 45.8 68.6

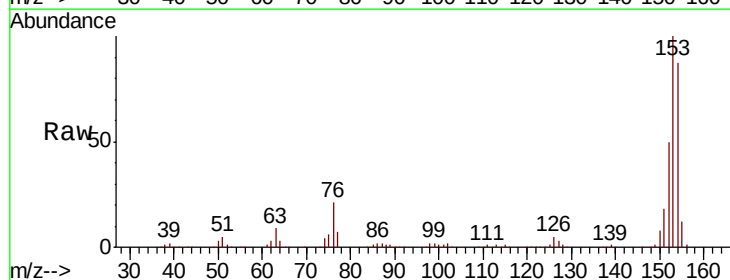


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

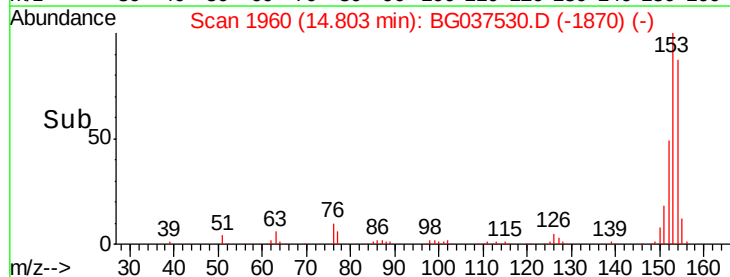
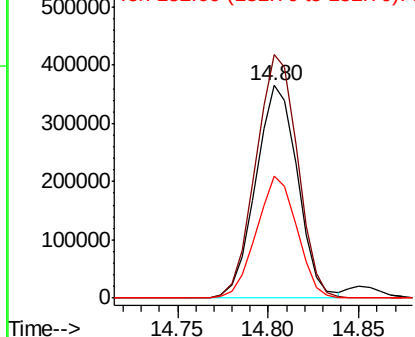


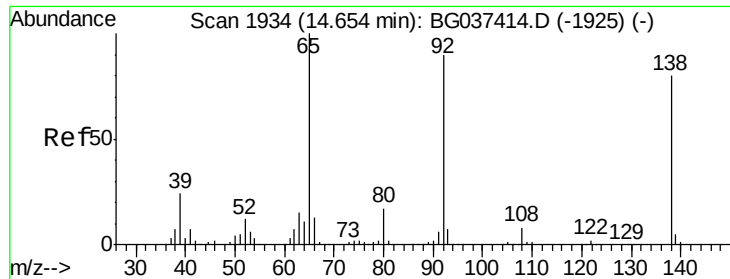
#52
Acenaphthene
Concen: 37.498 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:154 Resp: 584464
Ion Ratio Lower Upper
154 100
153 114.6 93.4 140.0
152 57.2 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

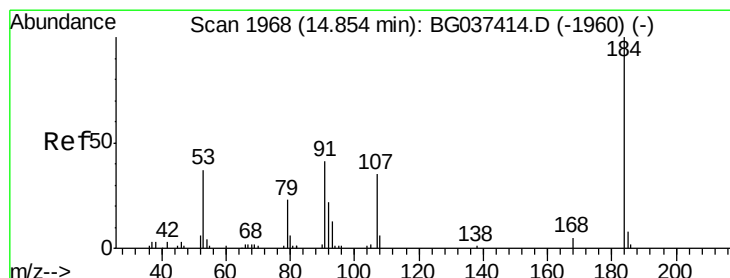
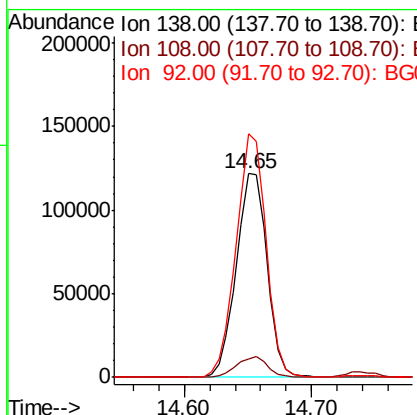
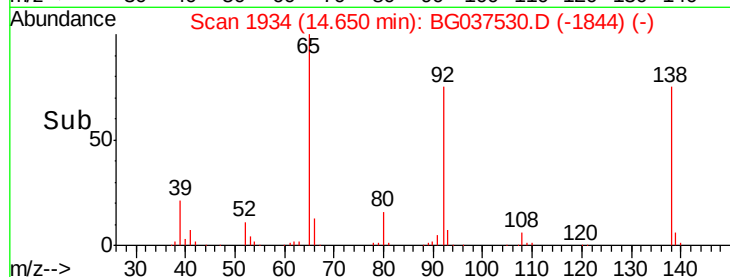
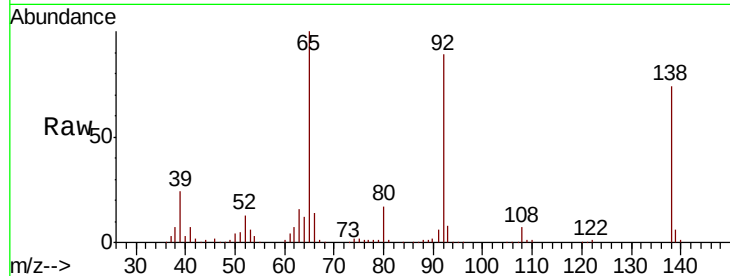




#53
 3-Nitroaniline
 Concen: 40.262 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

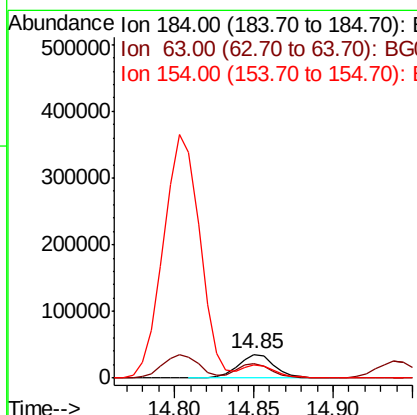
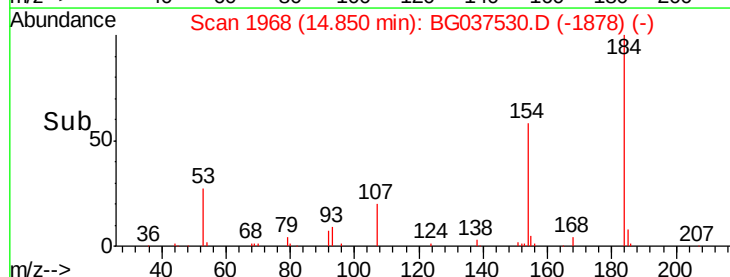
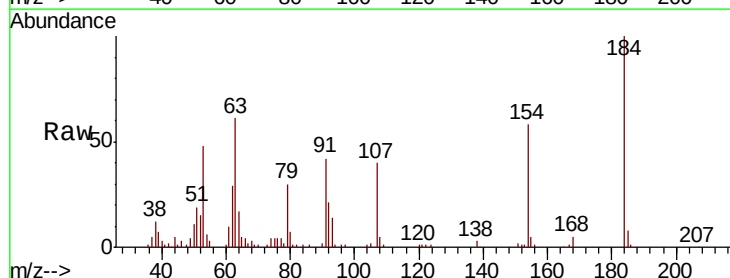
Instrument :
 BNA_G
 ClientSampleId :

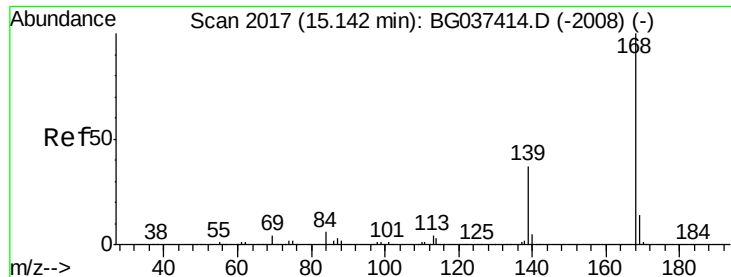
Tot Ion:138 Resp: 205403
 Ion Ratio Lower Upper
 138 100
 108 9.2 11.0 16.6#
 92 119.6 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 41.863 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion:184 Resp: 57211
 Ion Ratio Lower Upper
 184 100
 63 60.7 42.6 63.8
 154 57.5 41.8 62.6

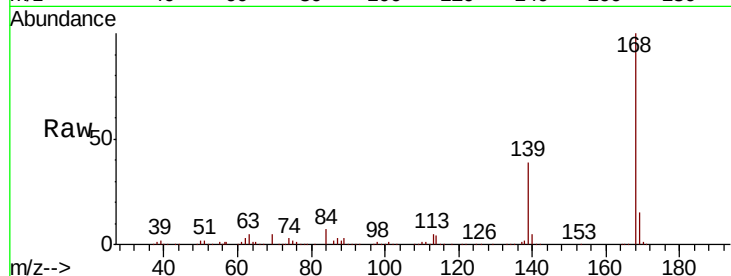




#55
Dibenzenofuran
Concen: 36.701 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	29.4	44.0
169	14.7	11.0	16.6

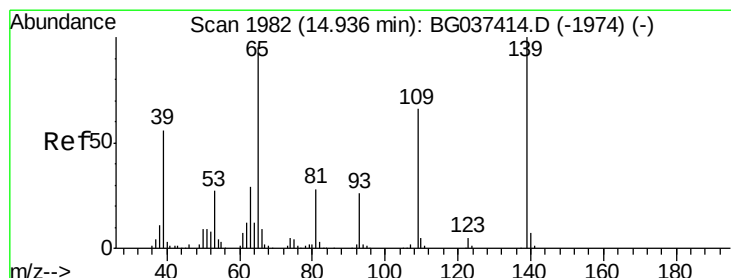
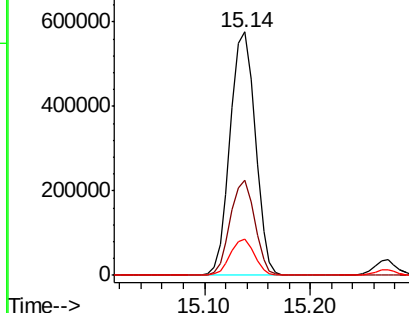
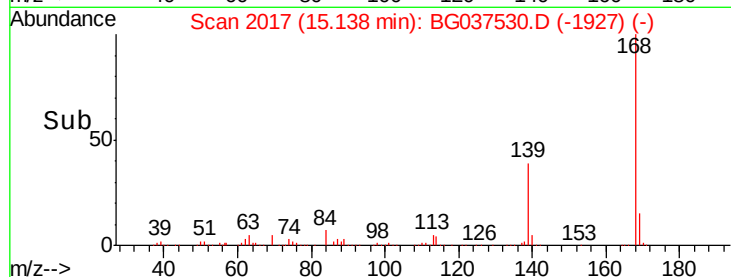


Abundance

Ion 168.00 (167.70 to 168.70): E

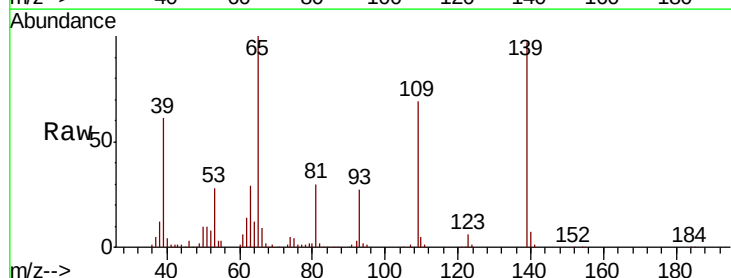
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 39.486 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.6	49.5	89.5
65	102.6	76.8	116.8

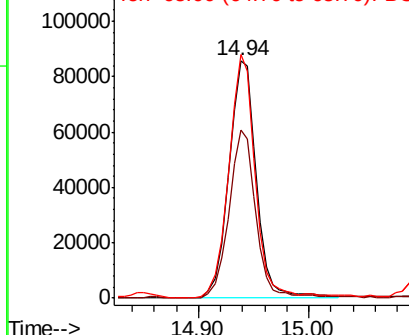
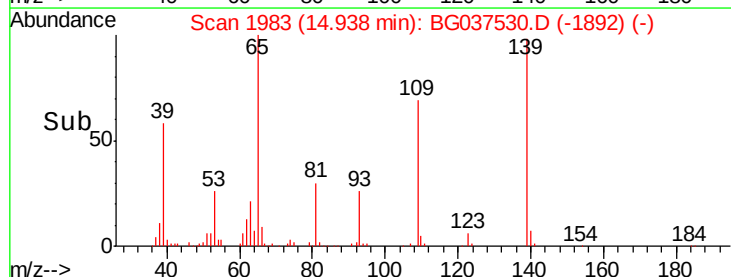


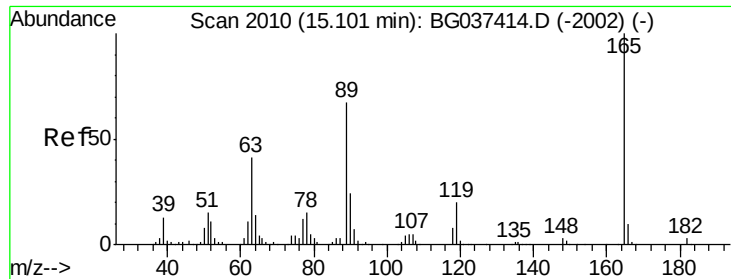
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

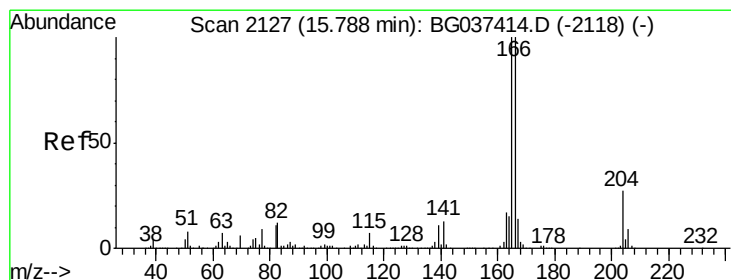
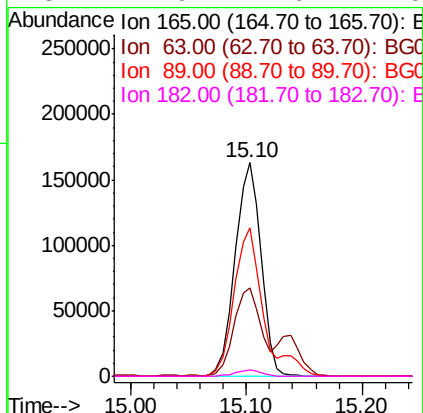
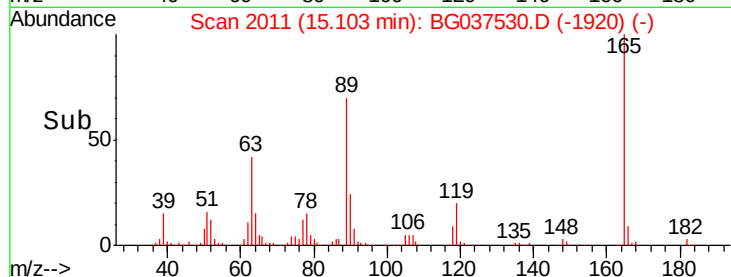
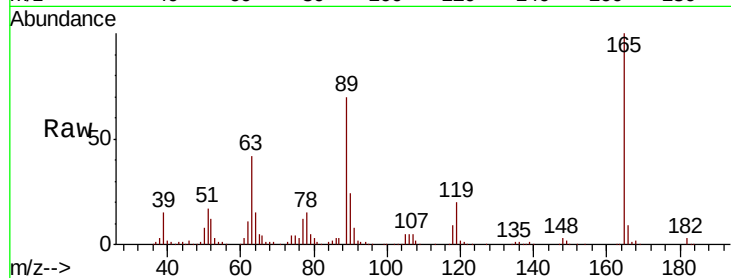




#57
 2,4-Dinitrotoluene
 Concen: 41.779 ng
 RT: 15.10 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

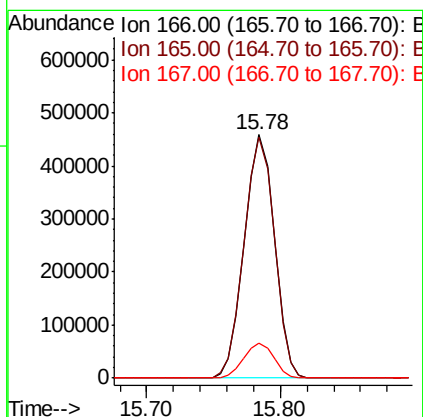
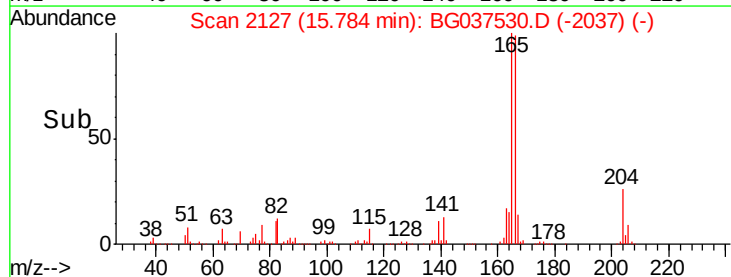
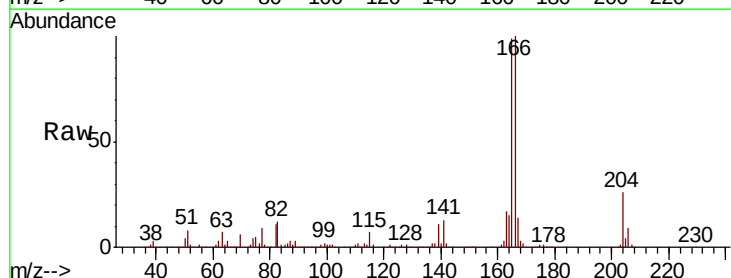
Instrument :
 BNA_G
 ClientSampled :

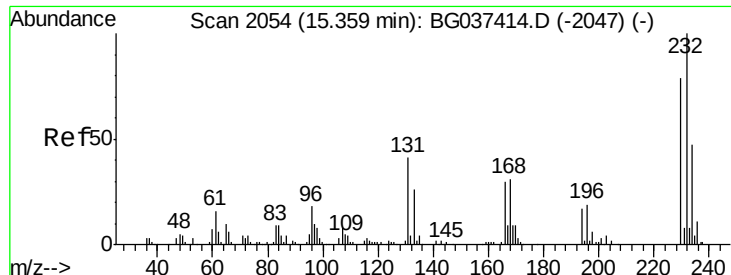
Tot Ion:165	Resp: 252029
Ion Ratio	Lower Upper
165 100	
63 41.7	33.4 50.0
89 69.6	57.2 85.8
182 2.9	2.6 4.0



#58
 Fluorene
 Concen: 37.113 ng
 RT: 15.78 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt	Ion:166	Resp:	717713
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.6
167	14.4	11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.452 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 207421

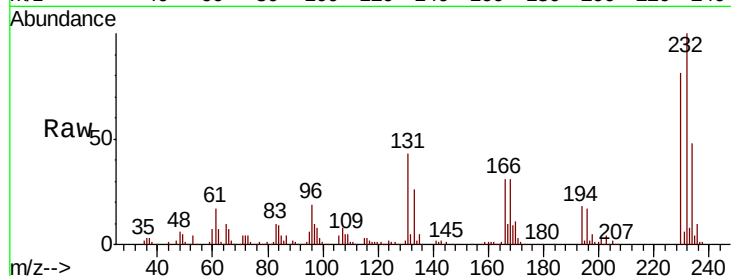
Ion Ratio Lower Upper

232 100

131 43.8 33.7 50.5

130 2.4 2.1 3.1

166 31.5 24.6 36.8

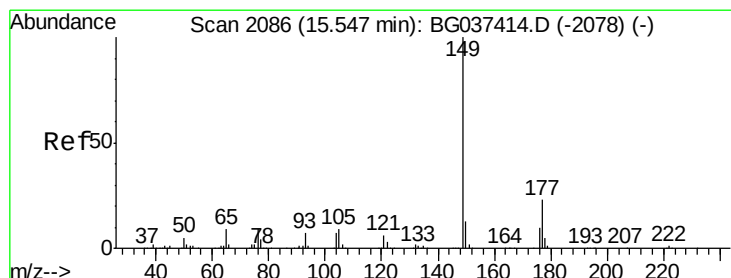
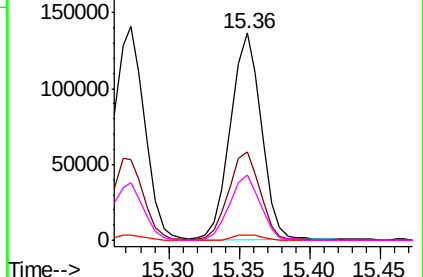
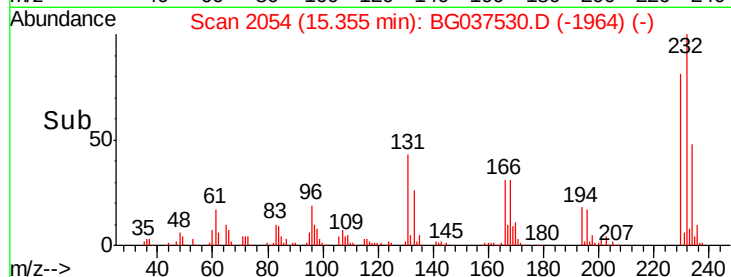


Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.837 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

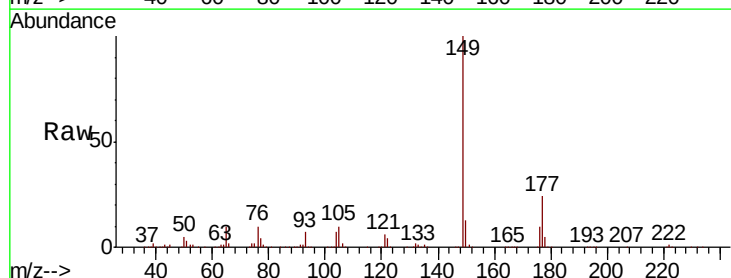
Tgt Ion:149 Resp: 806957

Ion Ratio Lower Upper

149 100

177 23.6 18.3 27.5

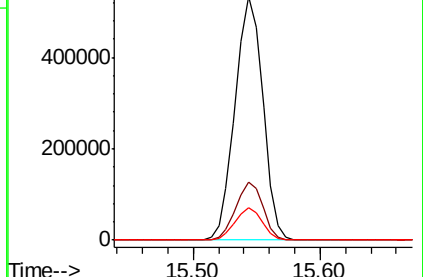
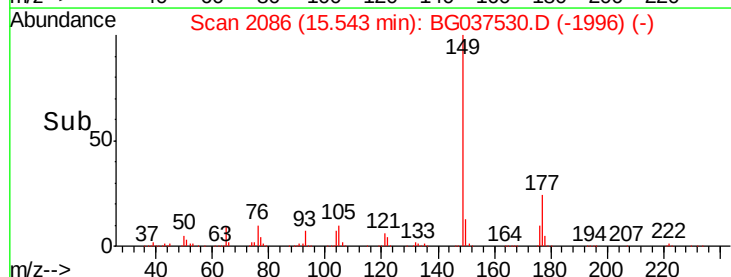
150 13.3 10.0 15.0

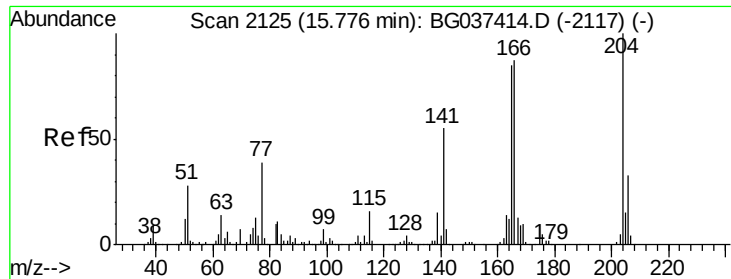


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

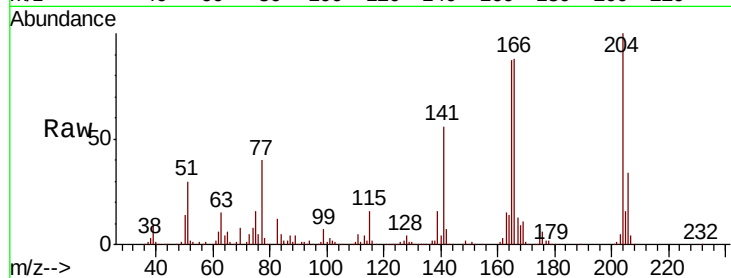




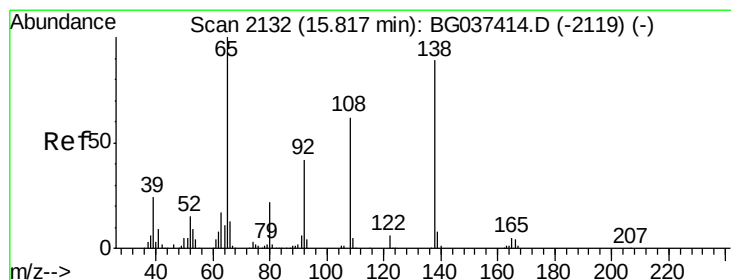
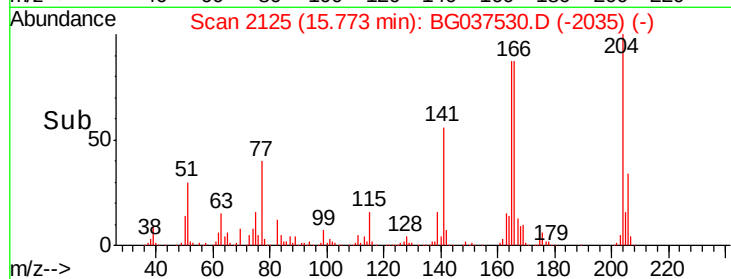
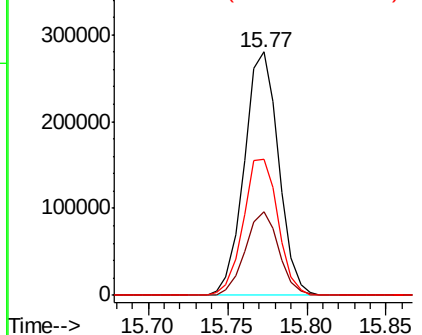
#61
 4-Chlorophenyl-phenylether
 Concen: 37.274 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.6	39.8
141	56.1	45.4	68.2

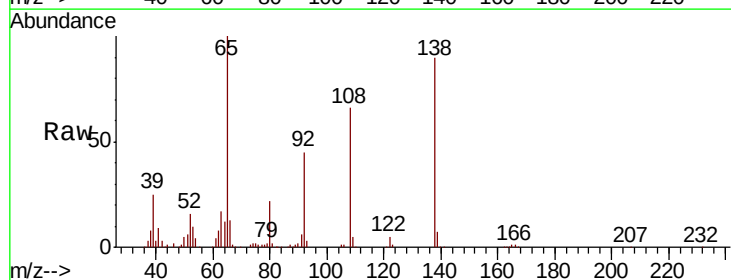


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

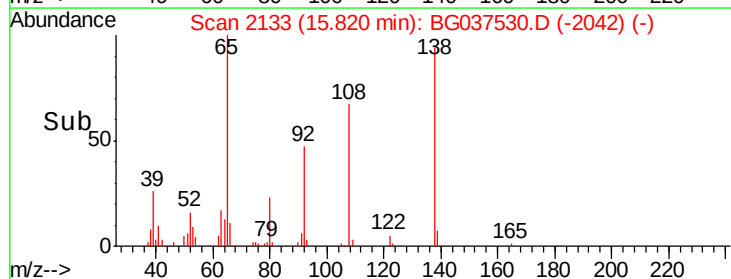
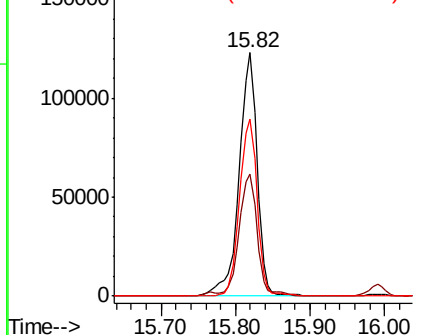


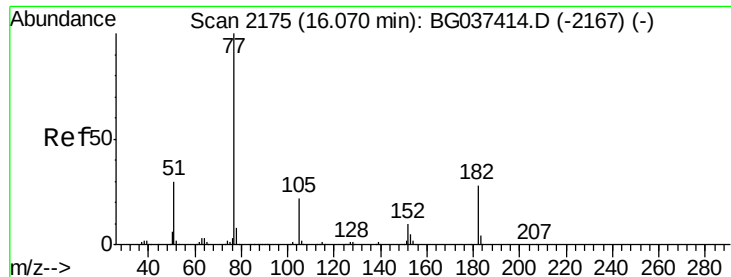
#62
 4-Nitroaniline
 Concen: 40.853 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	36.4	76.4
108	73.0	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: 37.821 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 769600

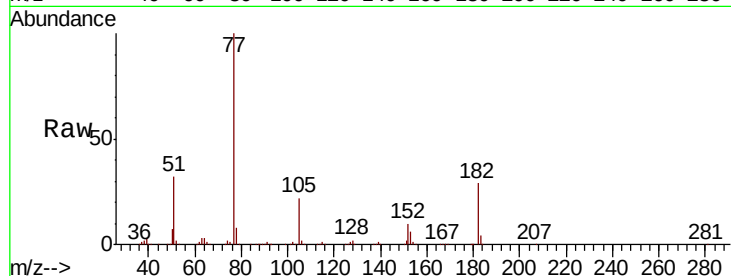
Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.0	48.0
105	22.1	1.3	41.3
51	31.8	10.7	50.7

77 100

182 28.5 8.0 48.0

105 22.1 1.3 41.3

51 31.8 10.7 50.7

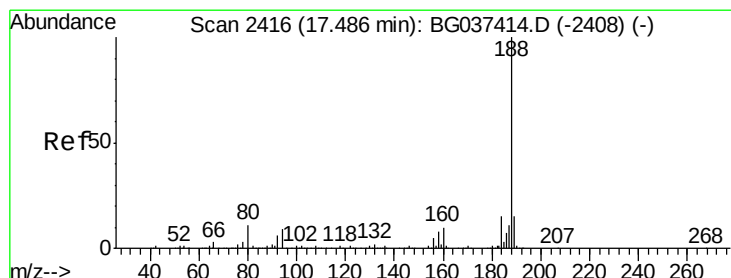
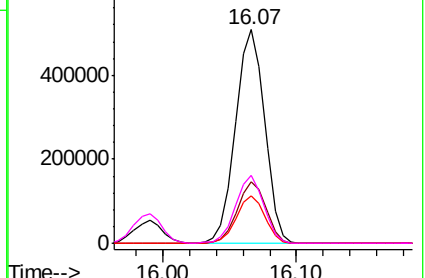
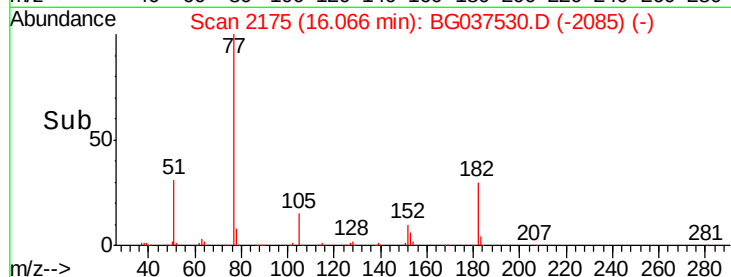


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

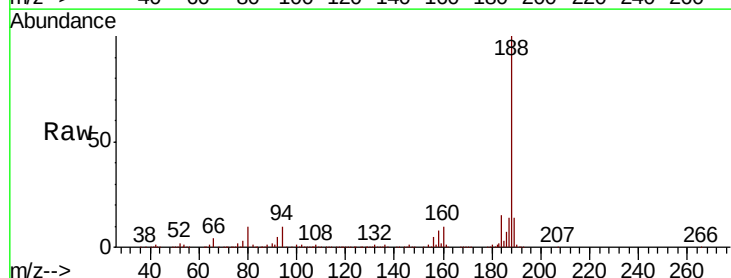
Tgt Ion: 188 Resp: 622224

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.0	7.7	11.5

188 100

94 9.6 7.2 10.8

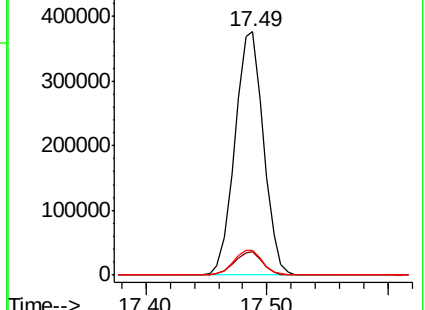
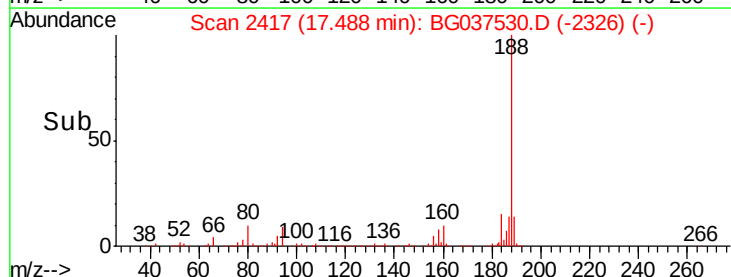
80 10.0 7.7 11.5

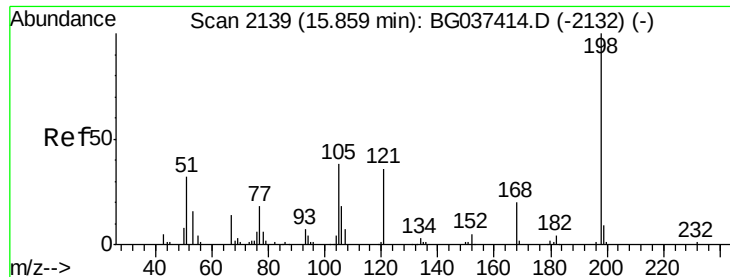


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

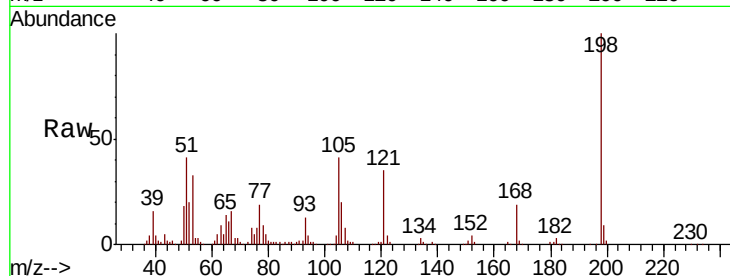




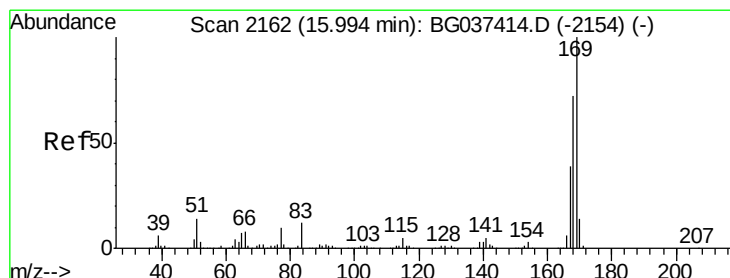
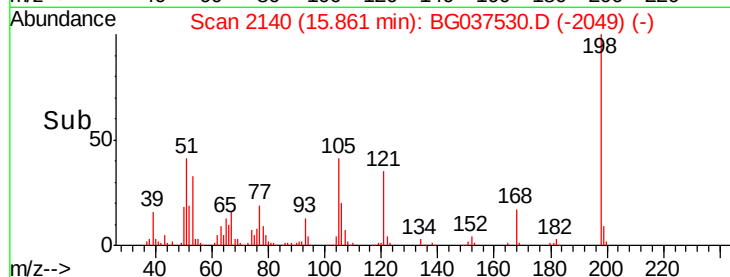
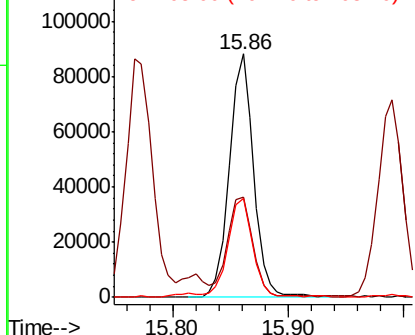
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.837 ng
 RT: 15.86 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 128302
 Ion Ratio Lower Upper
 198 100
 51 41.4 22.7 62.7
 105 40.6 19.7 59.7

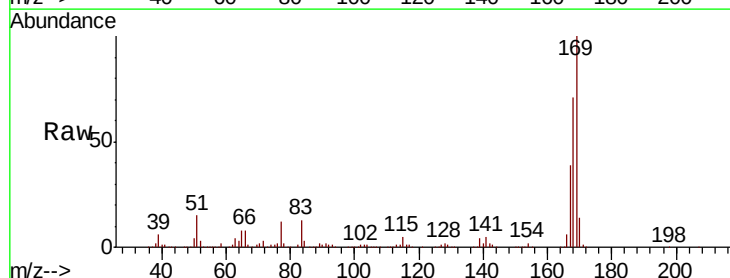


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

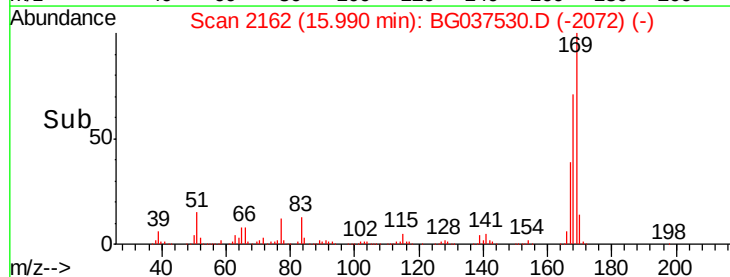
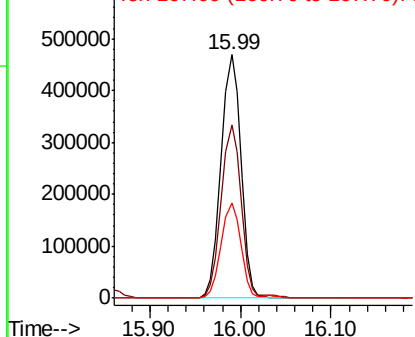


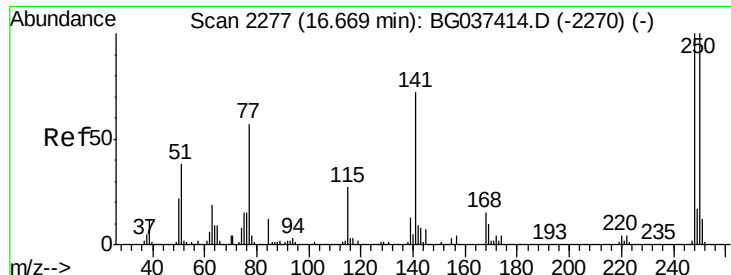
#66
 n-Nitrosodiphenylamine
 Concen: 38.203 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion:169 Resp: 715035
 Ion Ratio Lower Upper
 169 100
 168 71.0 55.7 83.5
 167 39.3 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

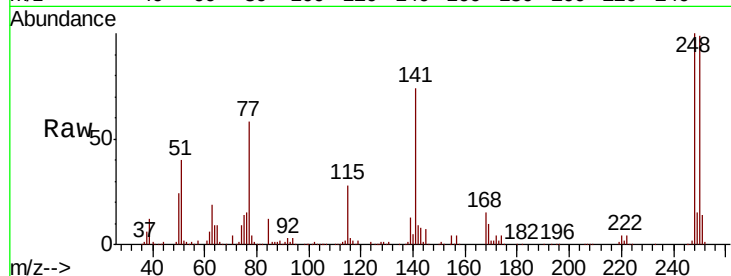




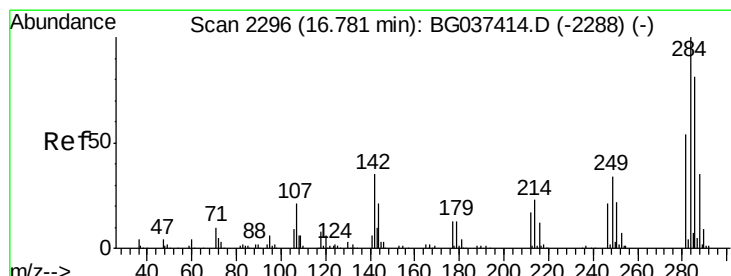
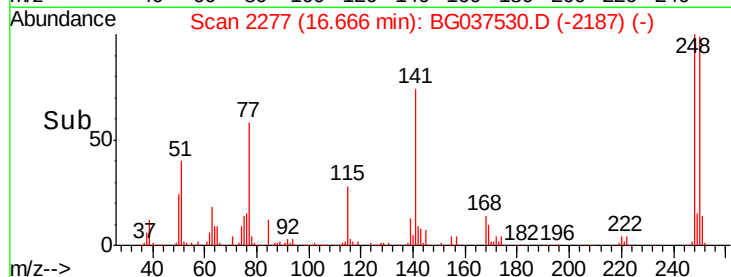
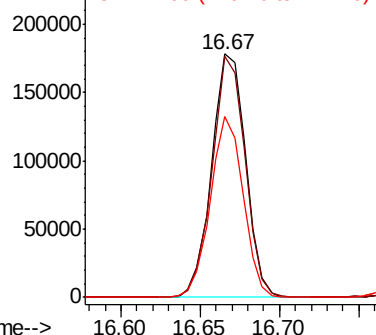
#67
4-Bromophenyl-phenylether
Concen: 38.765 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 264880
Ion Ratio Lower Upper
248 100
250 99.1 77.0 115.6
141 74.3 55.5 83.3

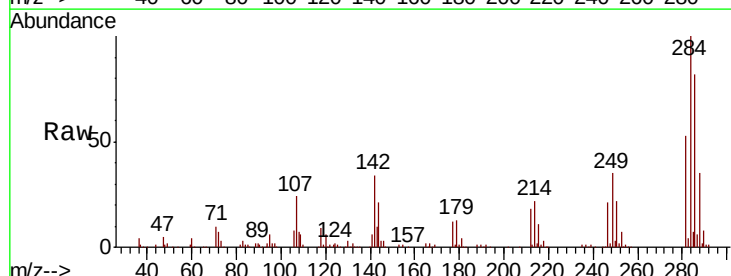


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

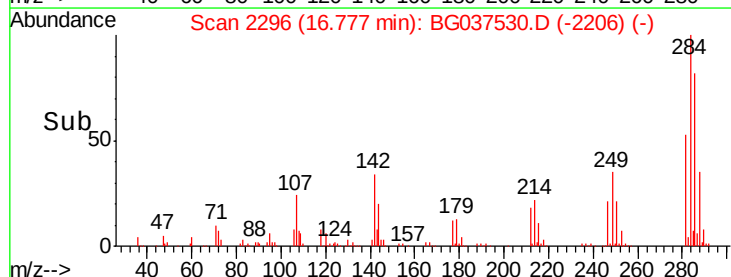
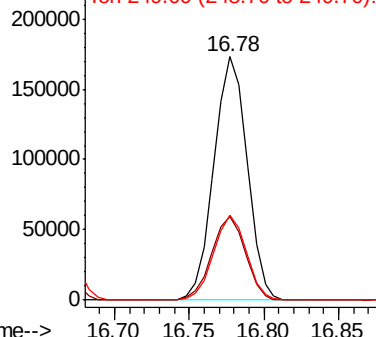


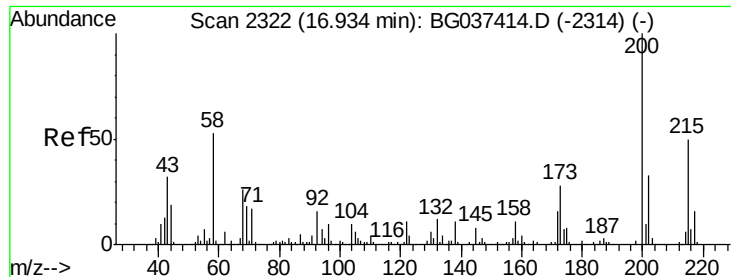
#68
Hexachlorobenzene
Concen: 37.633 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:284 Resp: 266511
Ion Ratio Lower Upper
284 100
142 34.4 28.1 42.1
249 37.7 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

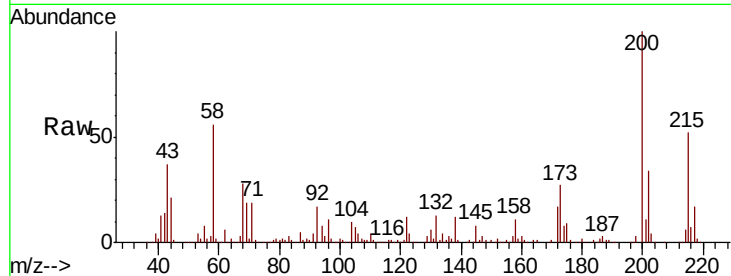




#69
 Atrazine
 Concen: 37.633 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.1	46.1
215	51.6	30.8	70.8

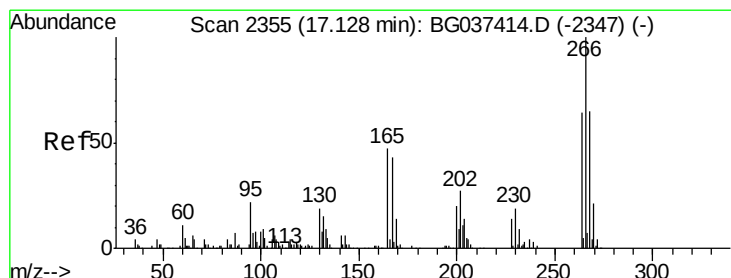
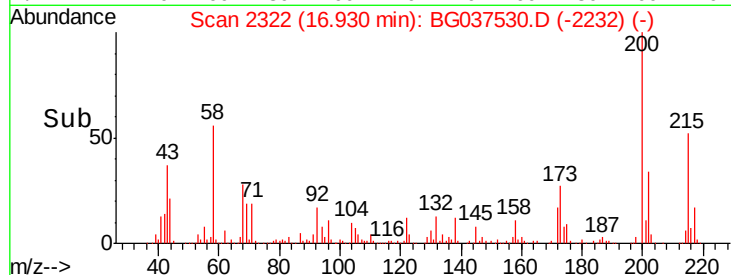
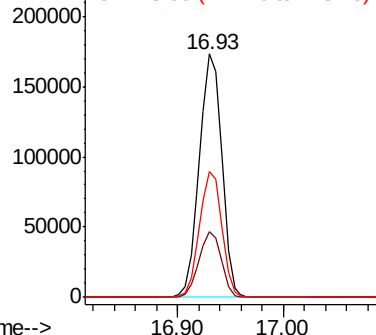


Abundance

Ion 200.00 (199.70 to 200.70): E

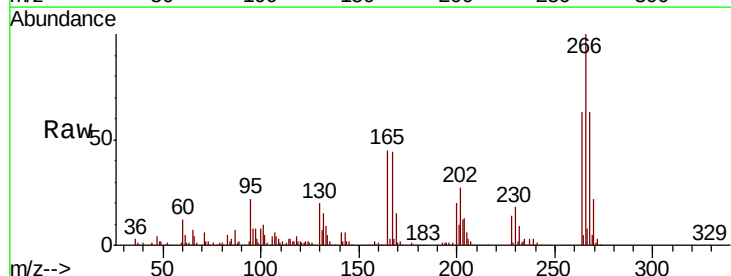
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 39.880 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.5	55.0	82.6
264	68.4	58.9	88.3

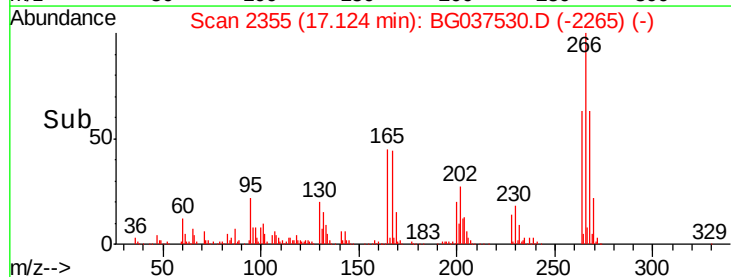
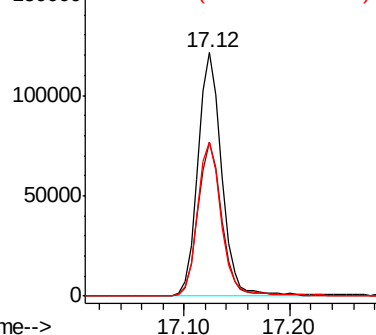


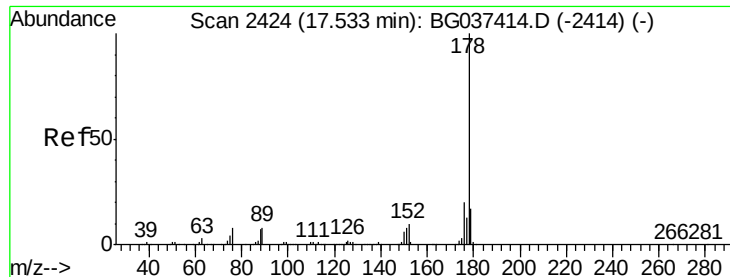
Abundance

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

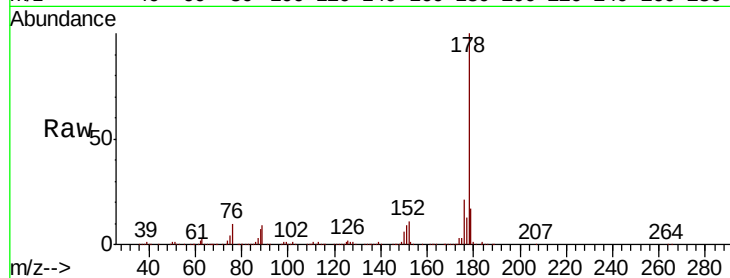




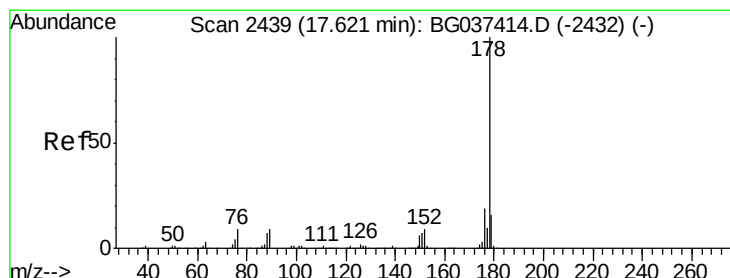
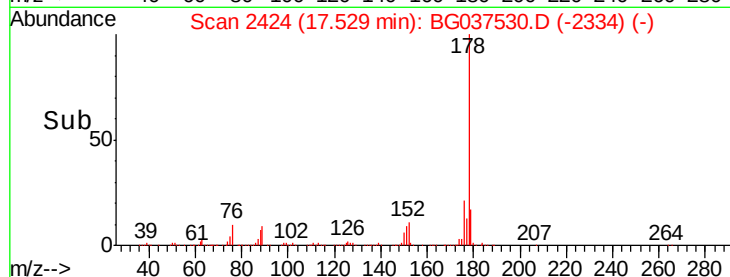
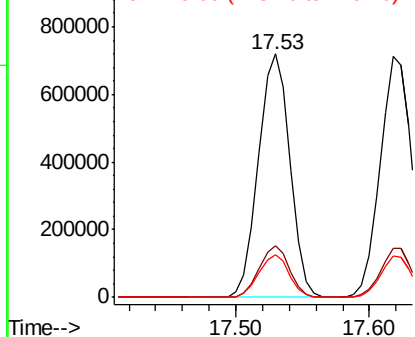
#71
Phenanthrene
Concen: 37.025 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1170867
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 17.4 13.0 19.4

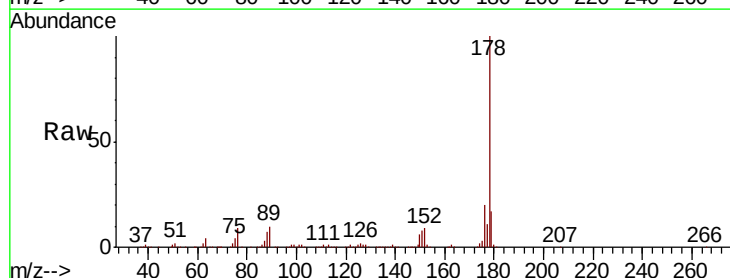


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

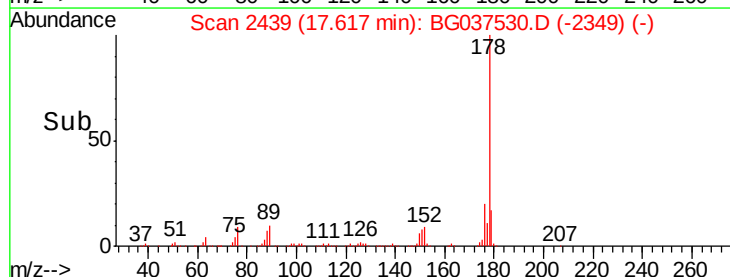
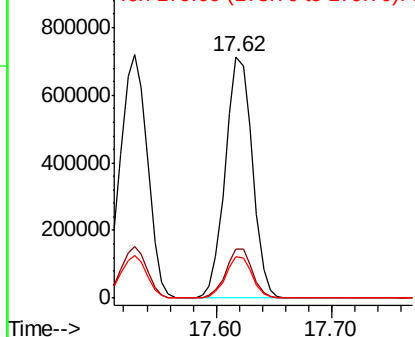


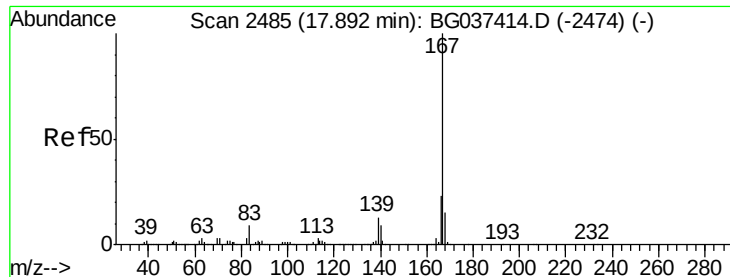
#72
Anthracene
Concen: 37.342 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:178 Resp: 1158857
Ion Ratio Lower Upper
178 100
176 20.1 15.0 22.4
179 17.2 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



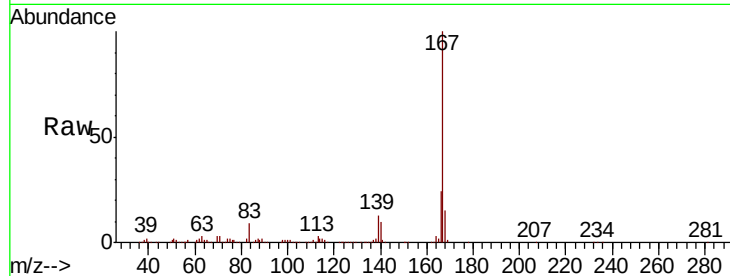


#73
 Carbazole
 Concen: 37.953 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

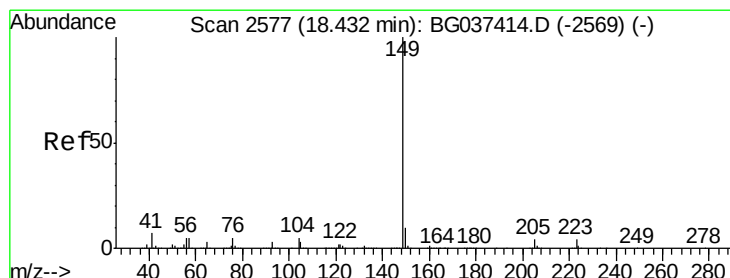
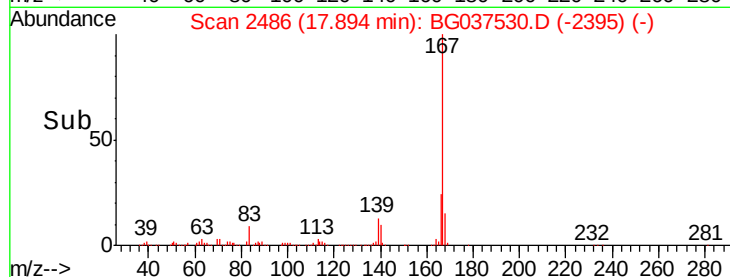
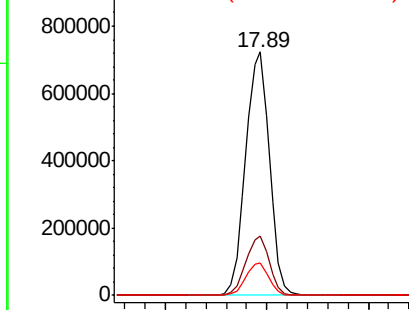
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1178189

Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.3	27.5
139	13.2	10.5	15.7



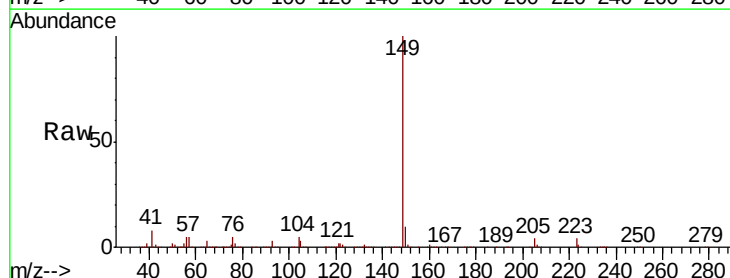
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



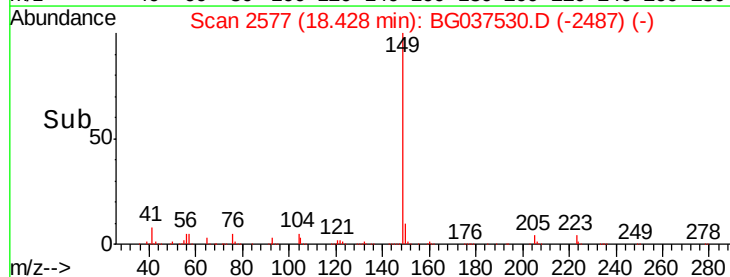
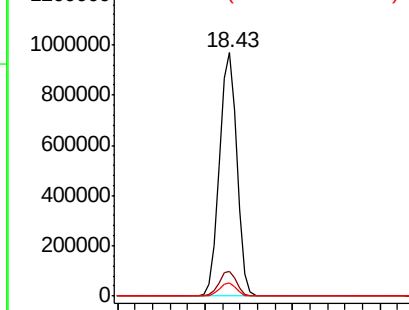
#74
 Di-n-butylphthalate
 Concen: 38.916 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037530.D
 Acq: 25 Oct 2018 3:57

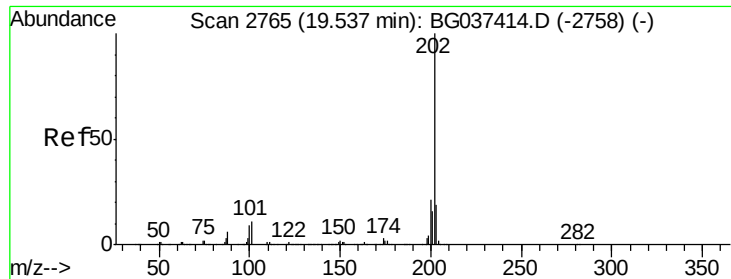
Tgt Ion:149 Resp: 1343893

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.4	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.325 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampled :

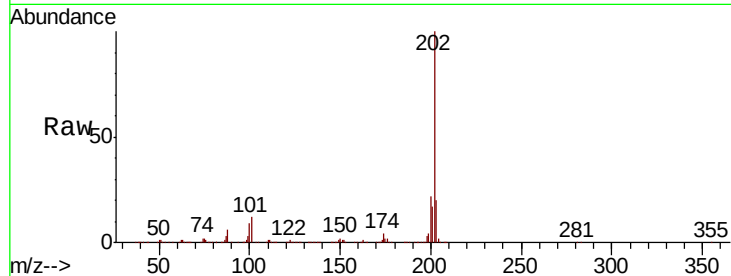
Tot Ion:202 Resp: 1338739

Ion Ratio Lower Upper

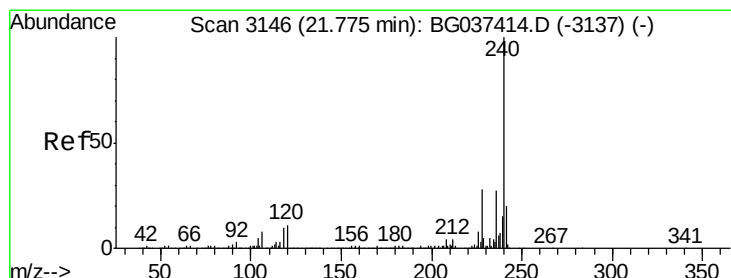
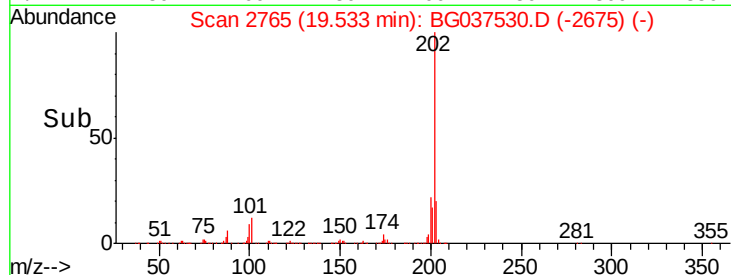
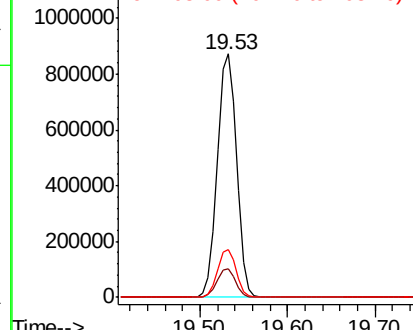
202 100

101 11.8 0.0 30.7

203 19.7 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: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

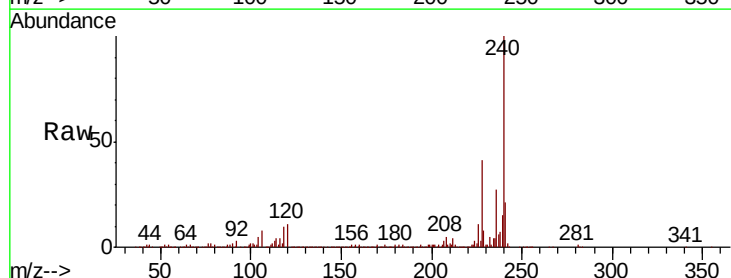
Tgt Ion:240 Resp: 549734

Ion Ratio Lower Upper

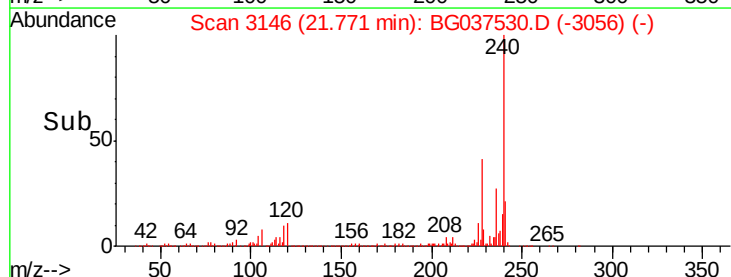
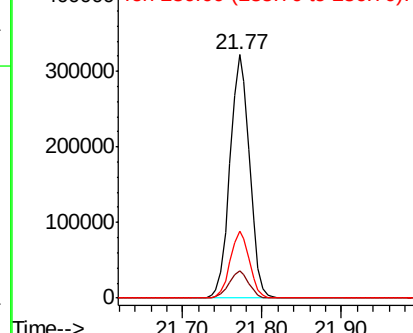
240 100

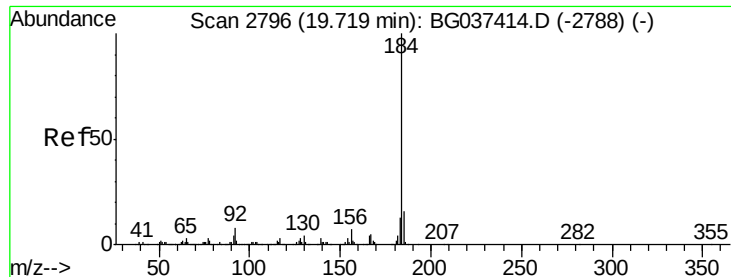
120 11.1 8.1 12.1

236 27.4 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: 32.204 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Instrument :

BNA_G

ClientSampleId :

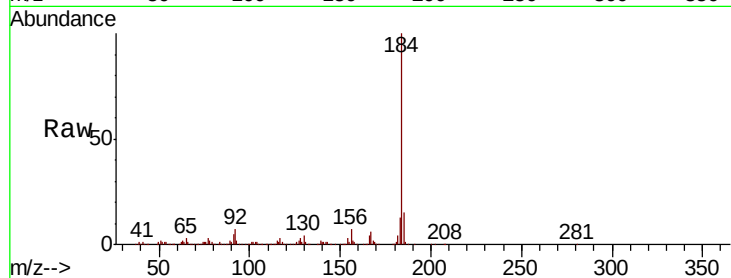
Tot Ion:184 Resp: 601973

Ion Ratio Lower Upper

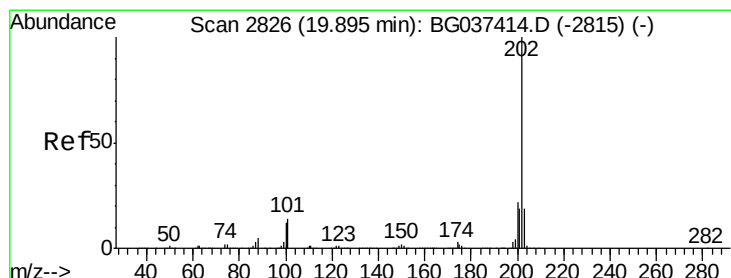
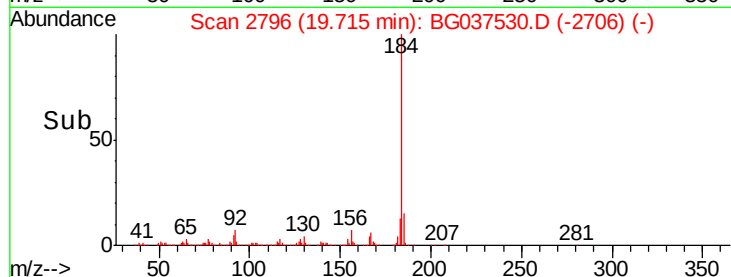
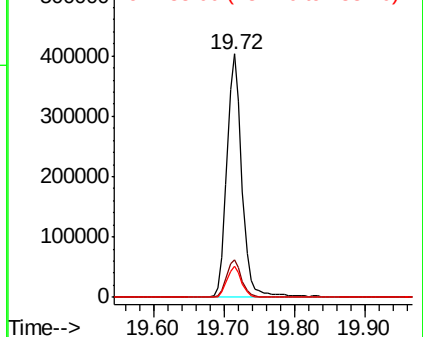
184 100

185 15.3 12.6 18.8

183 13.0 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: 37.970 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

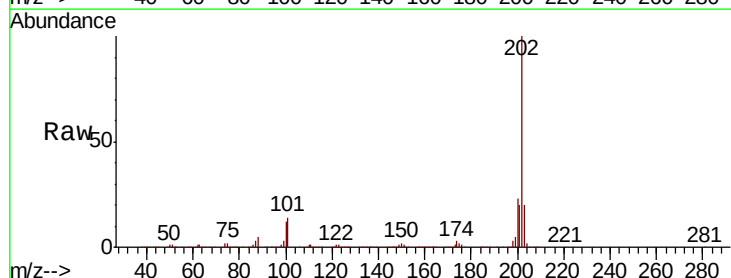
Tgt Ion:202 Resp: 1364527

Ion Ratio Lower Upper

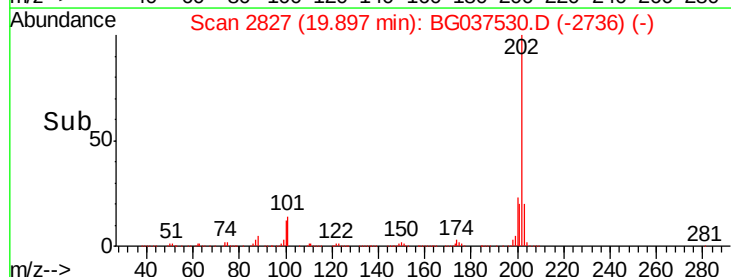
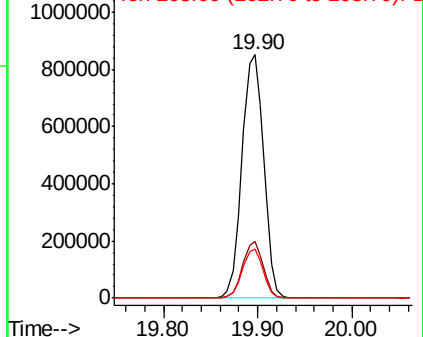
202 100

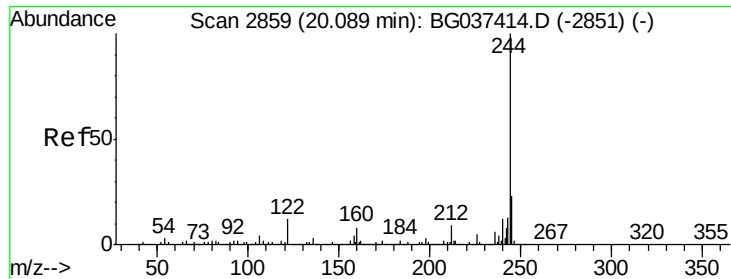
200 23.1 17.8 26.6

203 20.1 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: 72.084 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

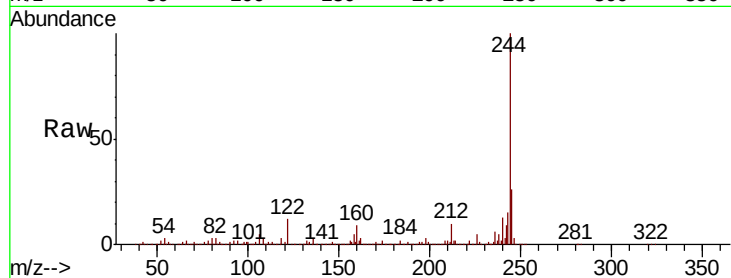
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1854543

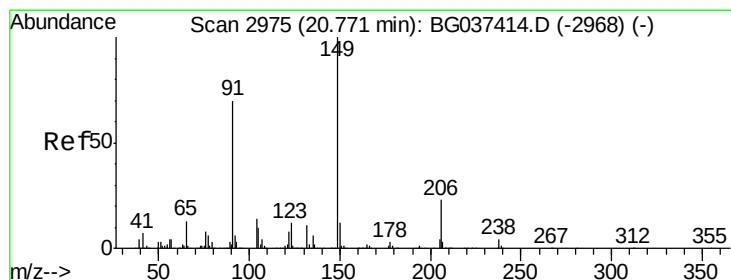
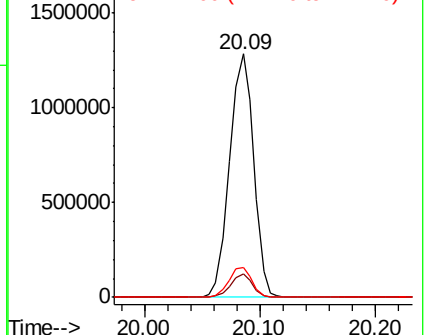
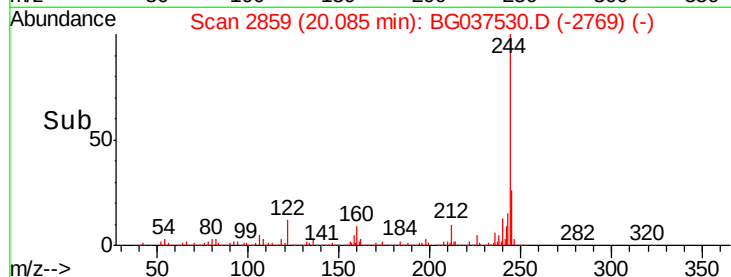
Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.5	9.7
122	12.4	9.0	13.4



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: 41.752 ng

RT: 20.77 min Scan# 2975

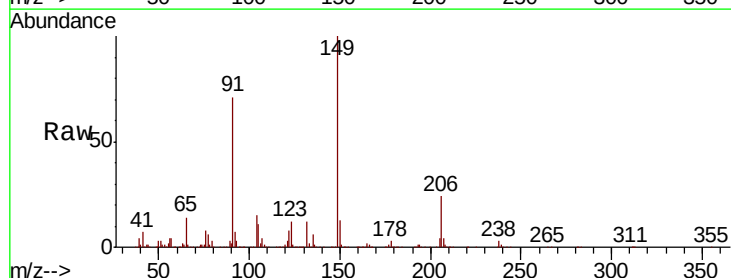
Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Tgt Ion:149 Resp: 614070

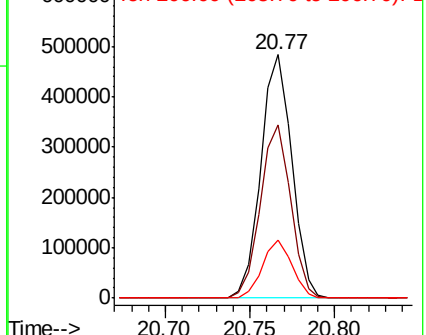
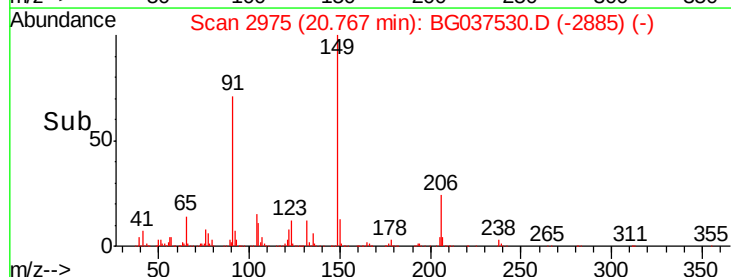
Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.0	85.4
206	23.6	17.8	26.6

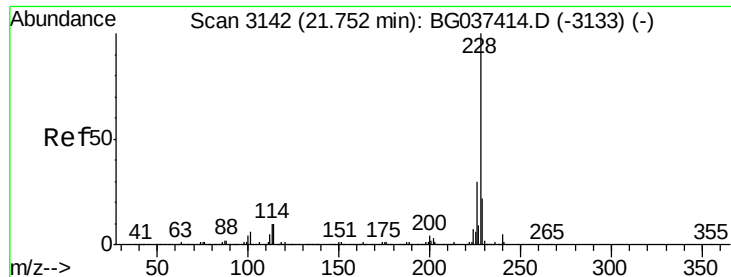


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

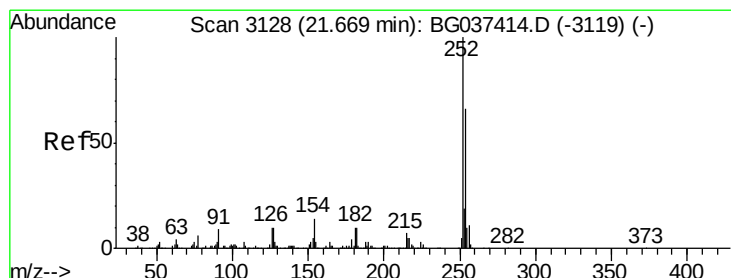
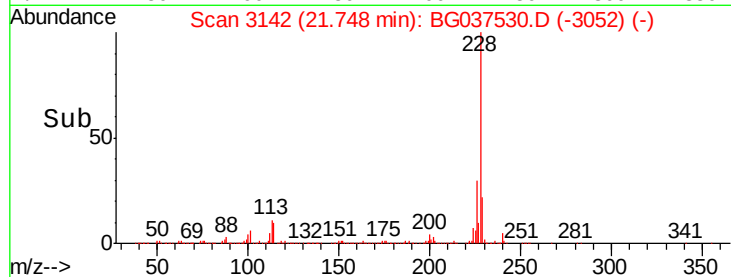
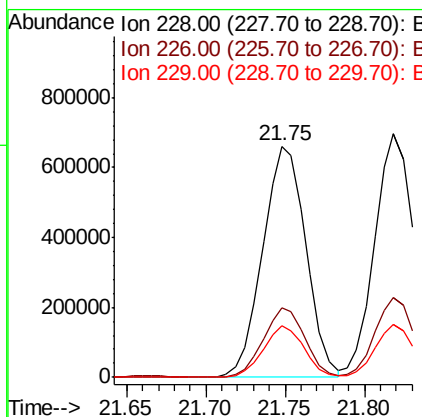
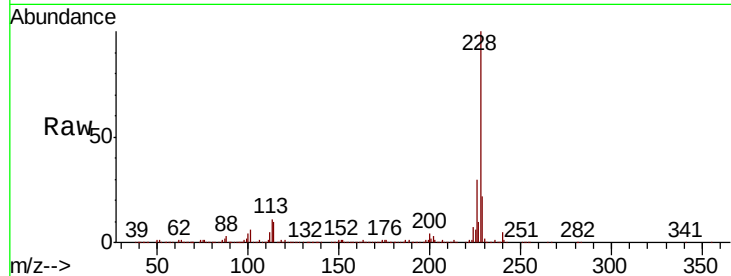




#81
Benzo(a)anthracene
Concen: 38.405 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

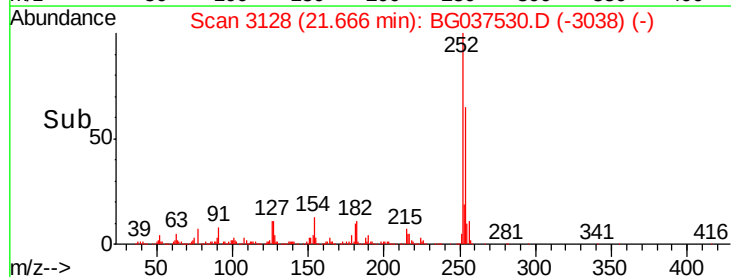
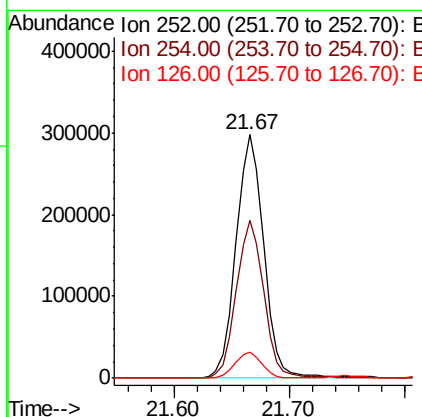
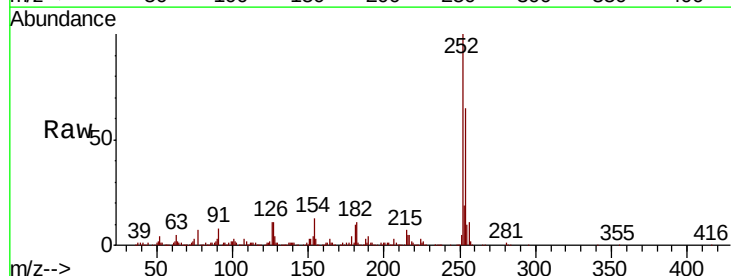
Instrument :
BNA_G
ClientSampled :

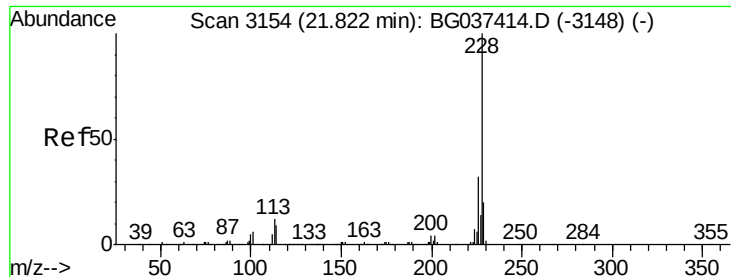
Tot Ion:228 Resp: 1248779
Ion Ratio Lower Upper
228 100
226 30.1 22.6 33.8
229 22.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 39.135 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:252 Resp: 493233
Ion Ratio Lower Upper
252 100
254 64.7 52.0 78.0
126 10.5 8.2 12.4





#83

Chrysene

Concen: 38.463 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

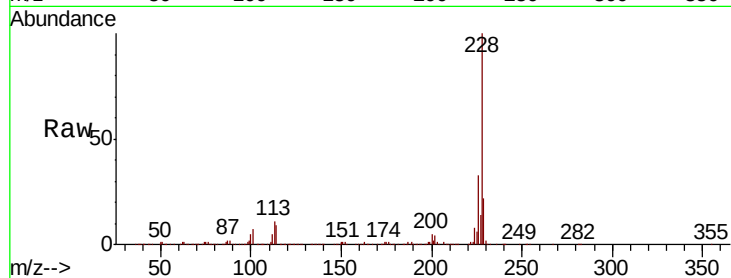
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1202599

Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.7	38.5
229	21.5	16.5	24.7

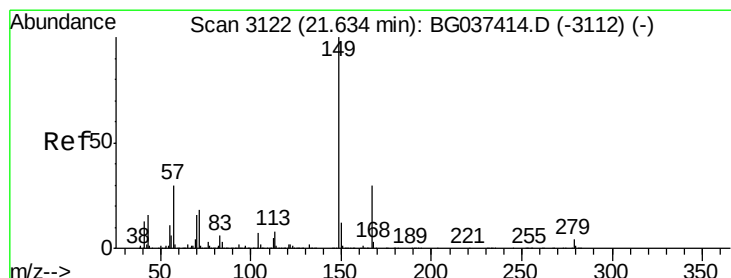
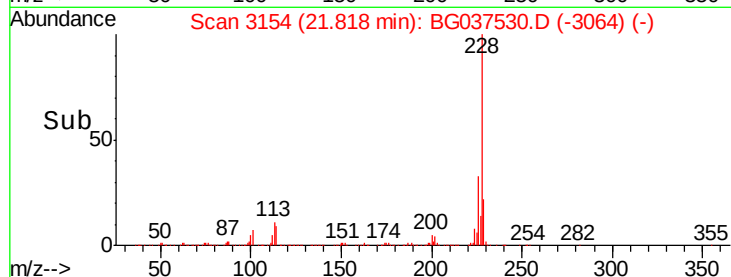
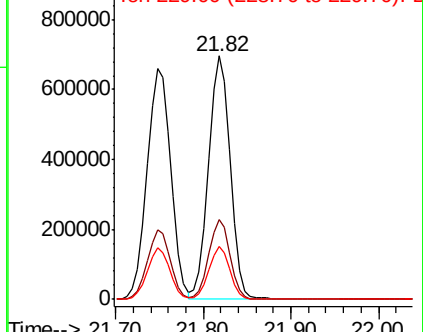


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.365 ng

RT: 21.62 min Scan# 3121

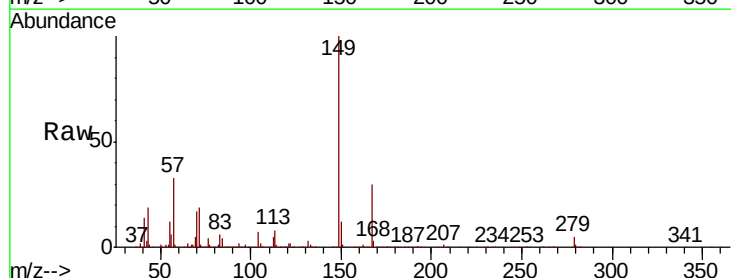
Delta R.T. -0.01 min

Lab File: BG037530.D

Acq: 25 Oct 2018 3:57

Tgt Ion:149 Resp: 852778

Ion	Ratio	Lower	Upper
149	100		
167	30.5	23.0	34.4
279	4.5	3.6	5.4

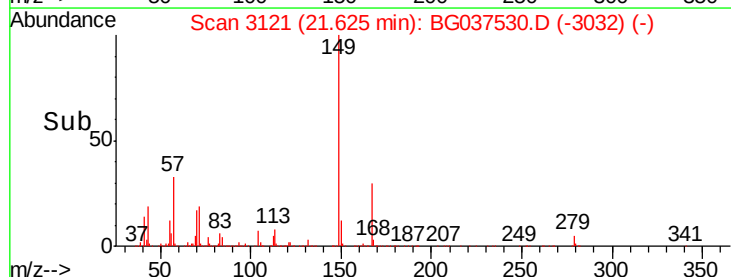
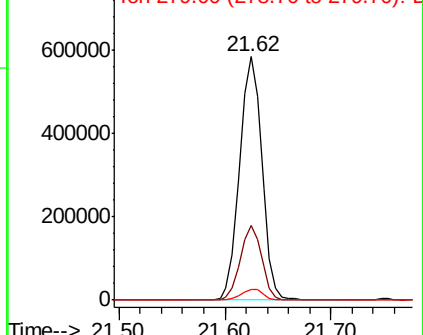


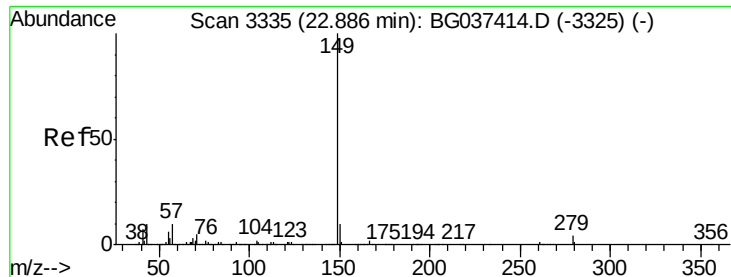
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

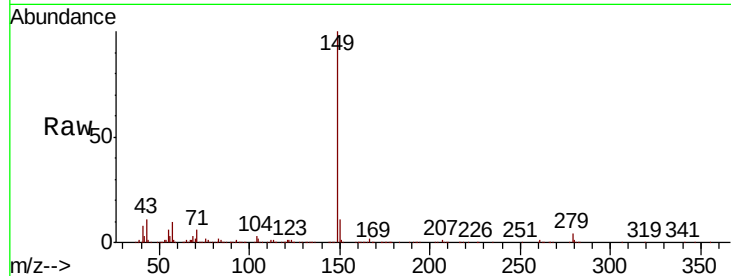




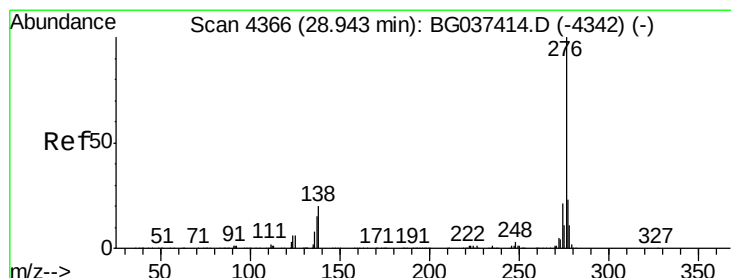
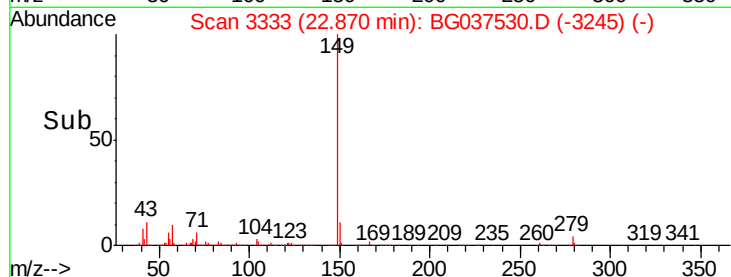
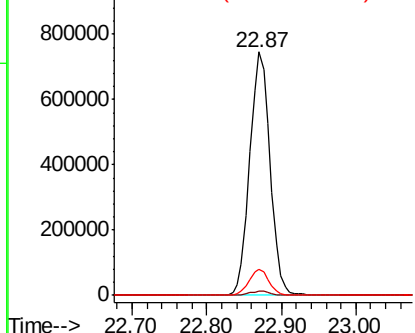
#85
Di-n-octyl phthalate
Concen: 42.129 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.02 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1416273
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.5 8.7 13.1

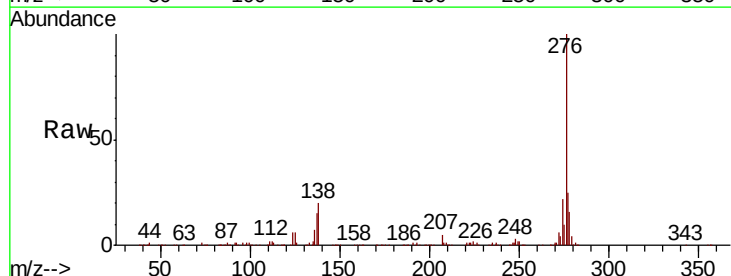


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

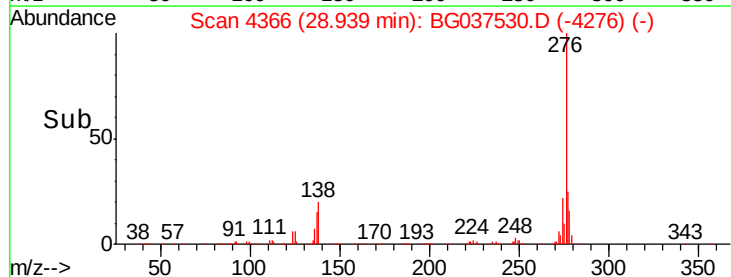
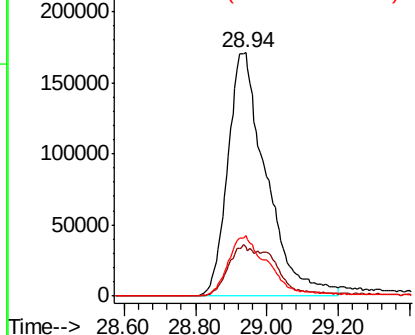


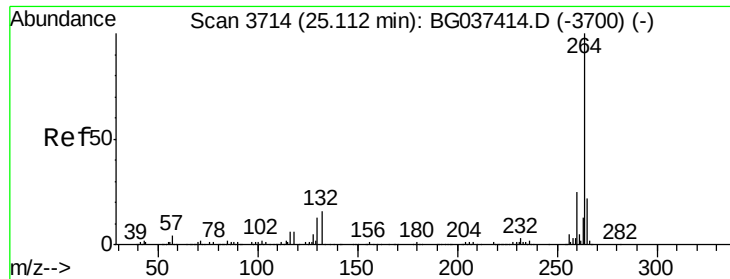
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.170 ng
RT: 28.94 min Scan# 4366
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:276 Resp: 1280066
Ion Ratio Lower Upper
276 100
138 13.2 12.0 18.0
277 25.3 20.6 30.8



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

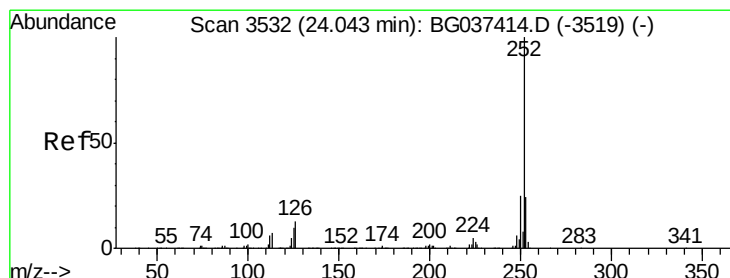
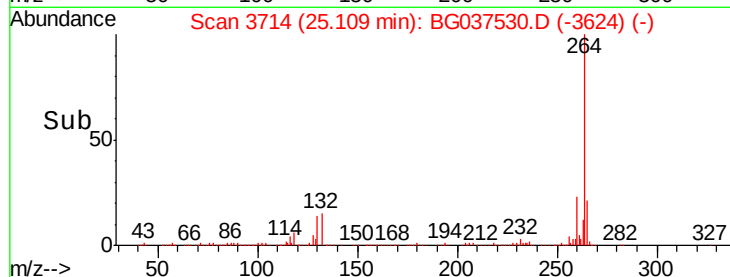
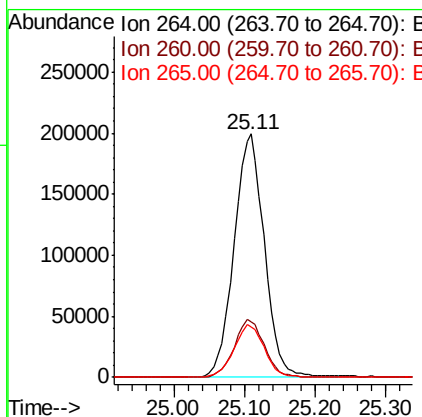
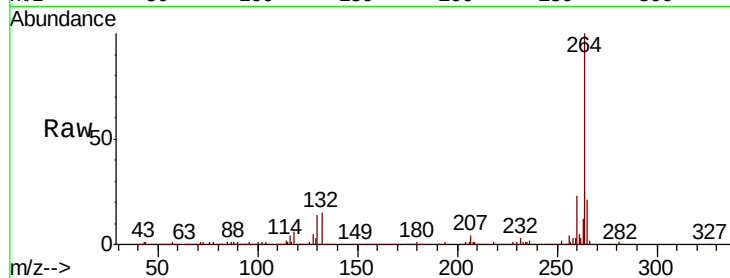




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

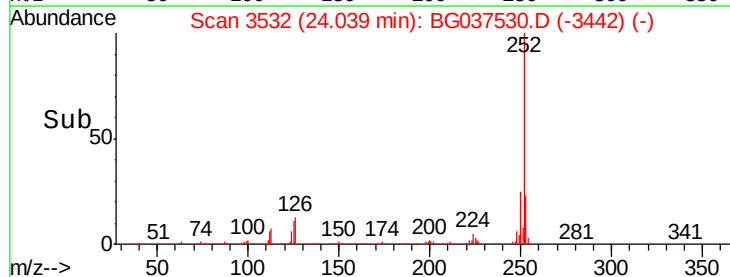
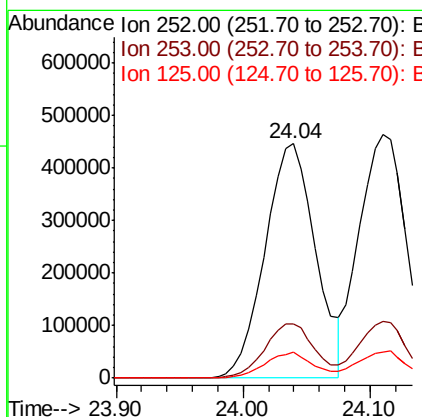
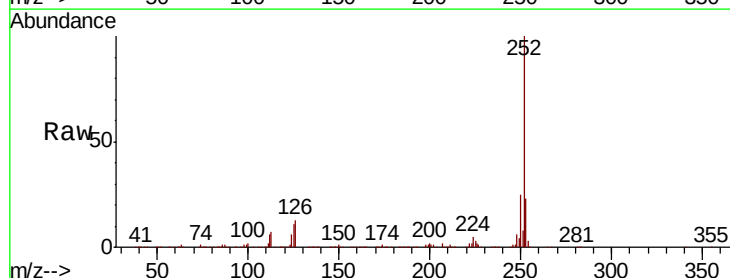
Instrument :
BNA_G
ClientSampleId :

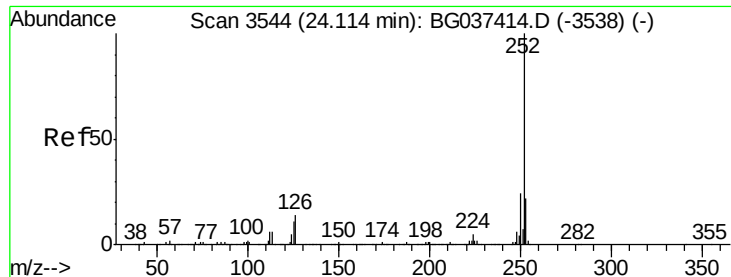
Tot Ion:264 Resp: 594548
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.4
265 20.6 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 38.126 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:252 Resp: 1242740
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 10.9 7.8 11.6

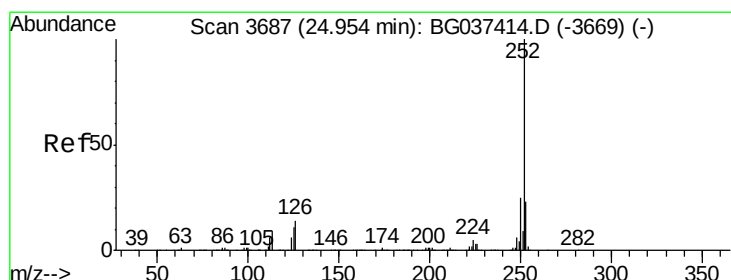
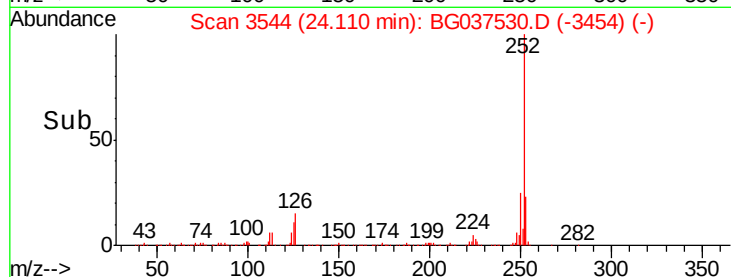
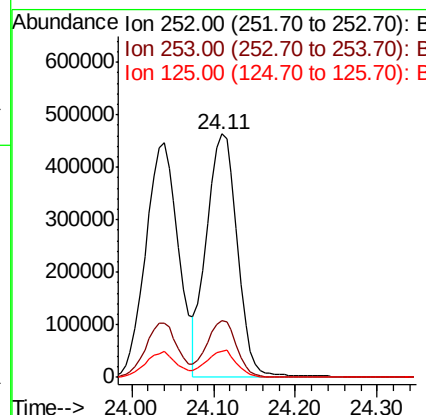
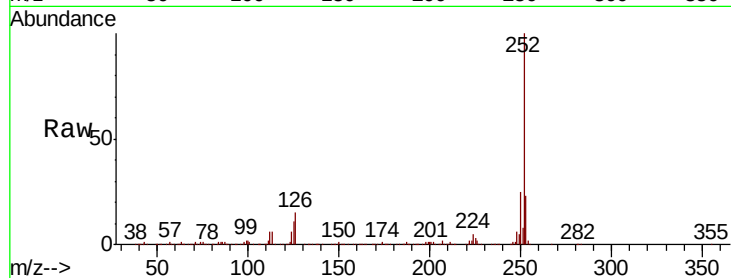




#89
Benzo(k)fluoranthene
Concen: 37.821 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

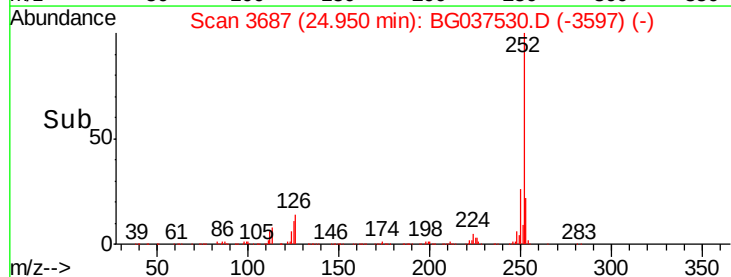
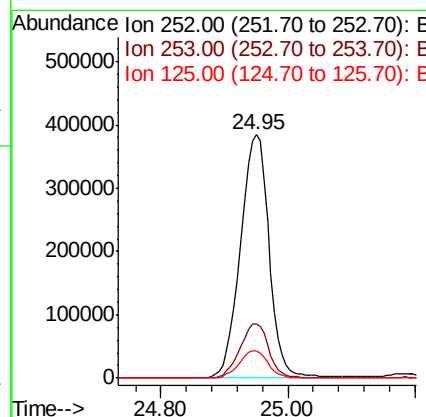
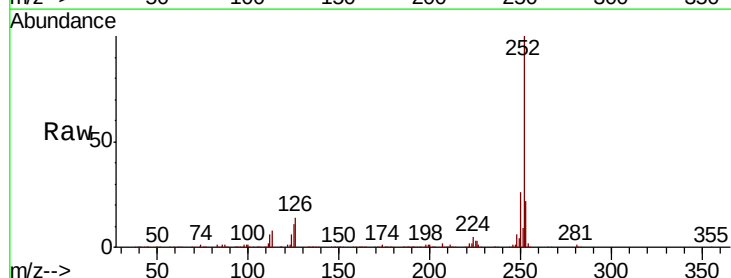
Instrument :
BNA_G
ClientSampleId :

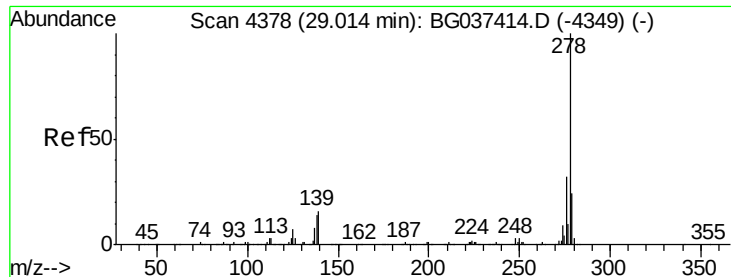
Tot Ion:252 Resp: 1207815
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 10.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 38.816 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:252 Resp: 1202238
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.3 9.0 13.6

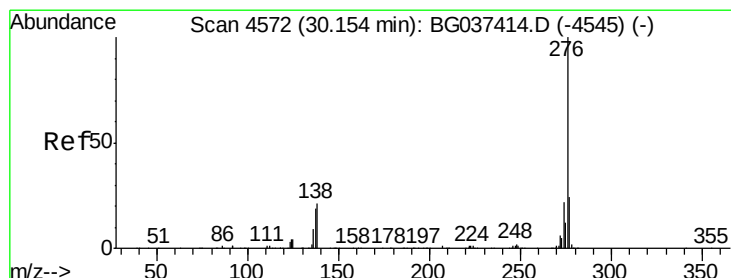
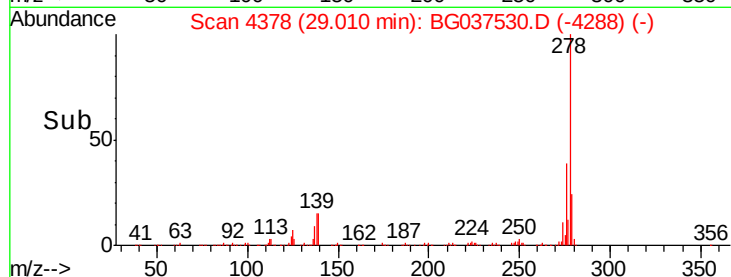
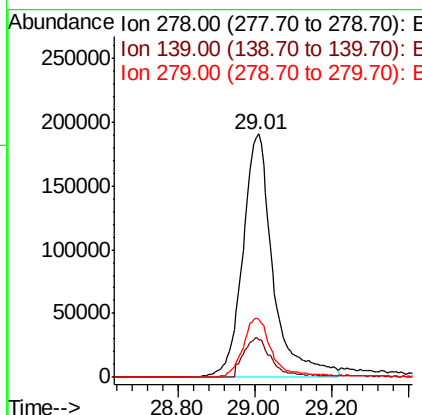
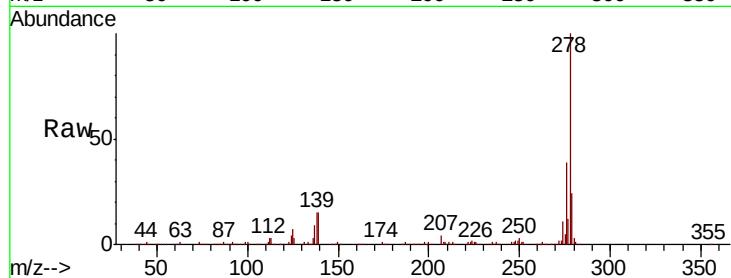




#91
Dibenzo(a,h)anthracene
Concen: 36.363 ng
RT: 29.01 min Scan# 4378
Delta R.T. -0.00 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1038900
Ion Ratio Lower Upper
278 100
139 15.2 11.5 17.3
279 24.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 35.016 ng
RT: 30.14 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG037530.D
Acq: 25 Oct 2018 3:57

Tgt Ion:276 Resp: 1012135
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 22.0 17.2 25.8

