

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037855.D
 Acq On : 7 Nov 2018 1:53
 Operator : JU/SJ
 Sample : PB114524BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:22:41 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	8.09	152	46073	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	205102	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	133980	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	314014	20.00	ng	0.00
76) Chrysene-d12	21.76	240	284177	20.00	ng	-0.01
87) Perylene-d12	25.09	264	283550	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	329890	119.71	ng	0.00
7) Phenol-d6	7.24	99	473655	113.66	ng	0.00
23) Nitrobenzene-d5	9.27	82	276454	75.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	167248	114.45	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	672583	75.70	ng	-0.01
79) Terphenyl-d14	20.07	244	1001289	75.29	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	39196	28.05	ng	94
3) Pyridine	3.92	79	110399	31.34	ng	93
4) n-Nitrosodimethylamine	3.85	42	51311	40.90	ng	91
6) Aniline	7.42	93	53924	10.61	ng	92
8) 2-Chlorophenol	7.65	128	135439	42.01	ng	98
9) Benzaldehyde	7.24	77	80493	30.88	ng	96
10) Phenol	7.27	94	179031	40.72	ng	96
11) bis(2-Chloroethyl)ether	7.51	93	126452	37.87	ng	98
12) 1,3-Dichlorobenzene	7.98	146	136021	37.90	ng	100
13) 1,4-Dichlorobenzene	8.13	146	138723	37.79	ng	98
14) 1,2-Dichlorobenzene	8.45	146	131852	37.34	ng	99
15) Benzyl Alcohol	8.34	79	116476	37.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	227829	38.13	ng	97
17) 2-Methylphenol	8.53	107	119828	41.22	ng	99
18) Hexachloroethane	9.18	117	49828	39.81	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	100057	34.87	ng	95
20) 3+4-Methylphenols	8.85	107	168441	40.53	ng	99
22) Acetophenone	8.92	105	193045	37.53	ng	# 97
24) Nitrobenzene	9.31	77	152184	40.01	ng	96
25) Isophorone	9.83	82	285763	42.72	ng	97
26) 2-Nitrophenol	10.03	139	74275	43.35	ng	98
27) 2,4-Dimethylphenol	10.07	122	144893	47.36	ng	97
28) bis(2-Chloroethoxy)methane	10.31	93	179513	40.96	ng	97
29) 2,4-Dichlorophenol	10.56	162	147314	43.25	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	146931	39.67	ng	99
31) Naphthalene	10.97	128	428965	42.58	ng	100
32) Benzoic acid	10.17	122	52411	26.38	ng	97
33) 4-Chloroaniline	11.08	127	39113	8.26	ng	# 92
34) Hexachlorobutadiene	11.23	225	87033	39.64	ng	96
35) Caprolactam	11.86	113	50886	37.25	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	157673	41.04	ng	99
37) 2-Methylnaphthalene	12.57	142	334024	45.49	ng	98
38) 1-Methylnaphthalene	12.78	142	314950	44.16	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	170781	39.52	ng	99

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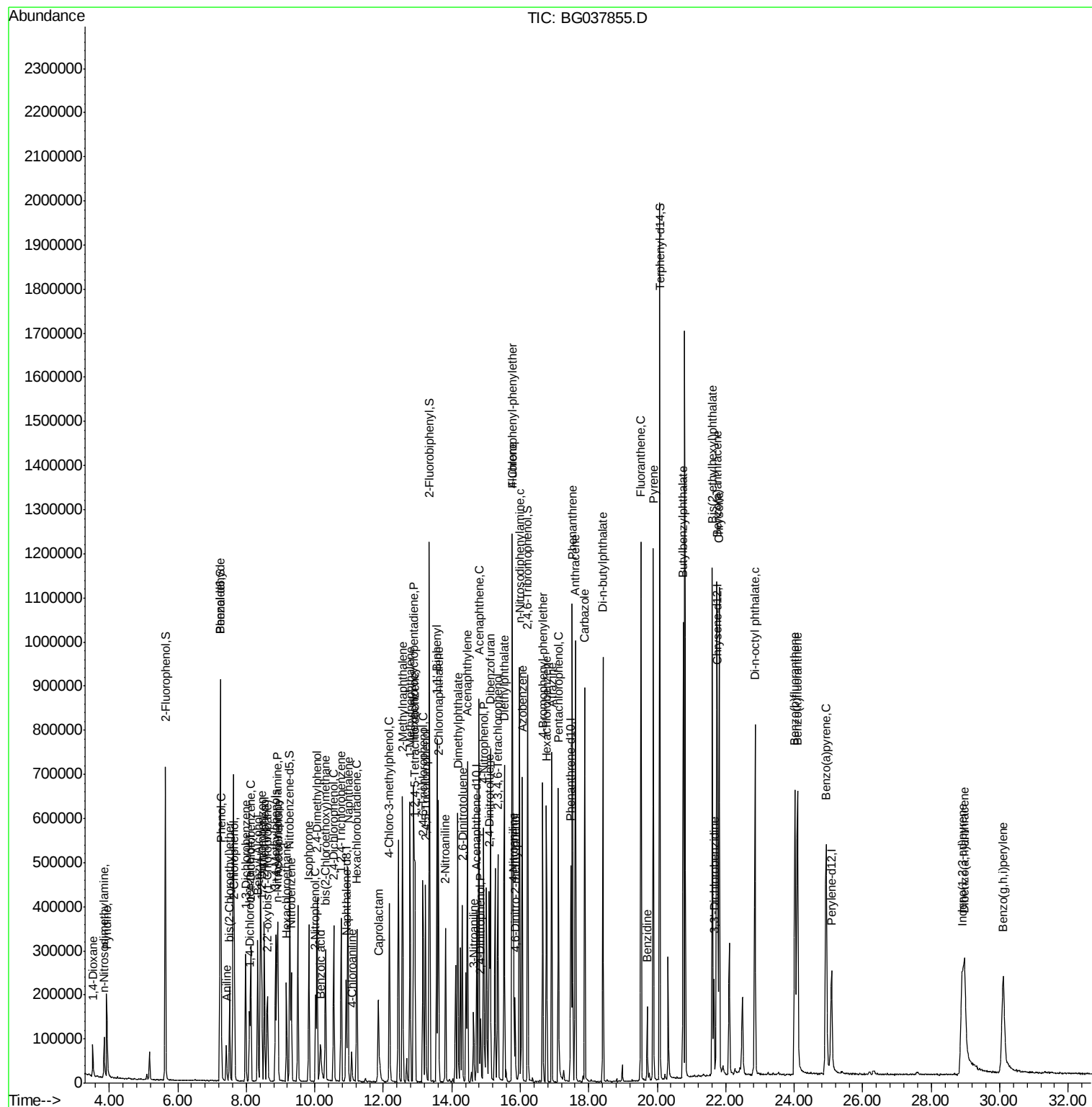
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	208443	100.97	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	122098	42.29	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	135290	43.04	nq	98
46) 1,1'-Biphenyl	13.56	154	428772	38.64	nq	99
47) 2-Chloronaphthalene	13.61	162	344229	41.01	nq	100
48) 2-Nitroaniline	13.82	65	107559	42.25	nq	93
49) Acenaphthylene	14.46	152	567062	44.91	nq	99
50) Dimethylphthalate	14.18	163	428197	41.31	nq	99
51) 2,6-Dinitrotoluene	14.31	165	98762	43.07	nq	92
52) Acenaphthene	14.79	154	331349	42.61	nq	97
53) 3-Nitroaniline	14.64	138	43490	17.09	nq	# 95
54) 2,4-Dinitrophenol	14.85	184	42933	54.06	nq	97
55) Dibenzofuran	15.13	168	531117	41.22	nq	99
56) 4-Nitrophenol	14.93	139	185060	98.22	nq	99
57) 2,4-Dinitrotoluene	15.09	165	137719	45.76	nq	91
58) Fluorene	15.77	166	427466	44.30	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113459	42.16	nq	98
60) Diethylphthalate	15.53	149	442689	41.60	nq	100
61) 4-Chlorophenyl-phenylether	15.76	204	224009	39.83	nq	96
62) 4-Nitroaniline	15.80	138	98452	38.92	nq	93
63) Azobenzene	16.06	77	418391	41.21	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	52552	34.75	nq	99
66) n-Nitrosodiphenylamine	15.98	169	385384	40.80	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	138743	40.23	nq	99
68) Hexachlorobenzene	16.77	284	139787	39.11	nq	99
69) Atrazine	16.92	200	141057	41.30	nq	99
70) Pentachlorophenol	17.12	266	138682	57.93	nq	97
71) Phenanthrene	17.52	178	693052	43.43	nq	100
72) Anthracene	17.61	178	706578	45.12	nq	98
73) Carbazole	17.88	167	628935	40.15	nq	99
74) Di-n-butylphthalate	18.42	149	753756	43.25	nq	99
75) Fluoranthene	19.52	202	804095	44.42	nq	99
77) Benzidine	19.70	184	112604	11.65	nq	99
78) Pyrene	19.89	202	799338	43.03	nq	100
80) Butylbenzylphthalate	20.76	149	335475	44.12	nq	95
81) Benzo(a)anthracene	21.74	228	741416	44.11	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	90991	13.97	nq	98
83) Chrysene	21.81	228	704734	43.60	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	478653	44.91	nq	99
85) Di-n-octyl phthalate	22.85	149	804442	46.29	nq	97
86) Indeno(1,2,3-cd)pyrene	28.90	276	615897	35.53	nq	98
88) Benzo(b)fluoranthene	24.02	252	701486	45.13	nq	100
89) Benzo(k)fluoranthene	24.09	252	689487	45.27	nq	98
90) Benzo(a)pyrene	24.93	252	672594	45.53	nq	99
91) Dibenzo(a,h)anthracene	28.98	278	484668	35.57	nq	96
92) Benzo(g,h,i)perylene	30.11	276	516013	37.43	nq	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

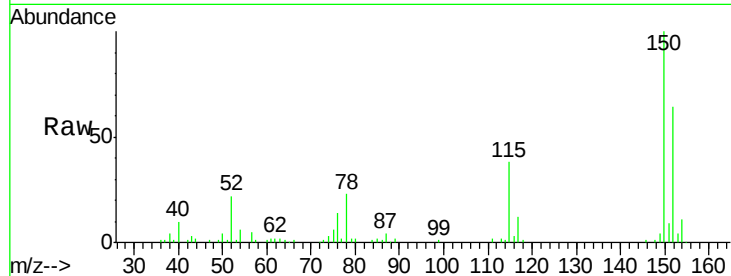
Tot Ion:152 Resp: 46073

Ion Ratio Lower Upper

152 100

150 157.2 126.0 189.0

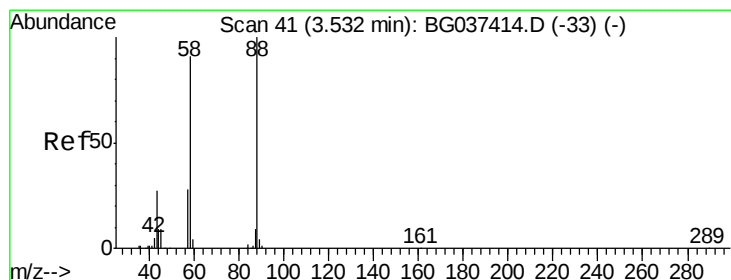
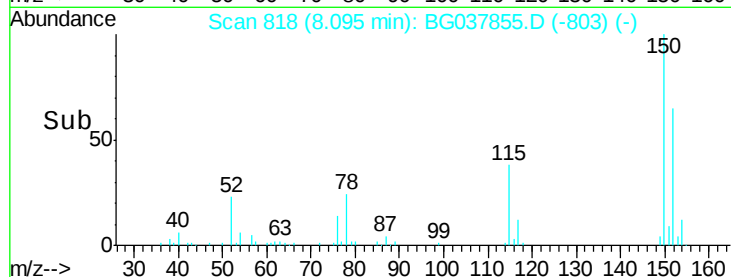
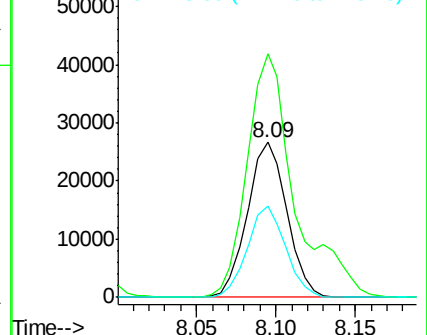
115 59.1 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.05 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

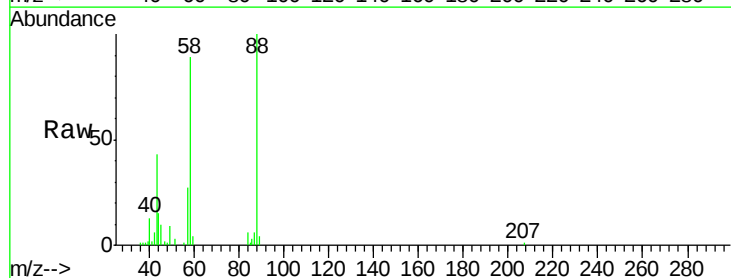
Tgt Ion: 88 Resp: 39196

Ion Ratio Lower Upper

88 100

58 85.0 74.4 111.6

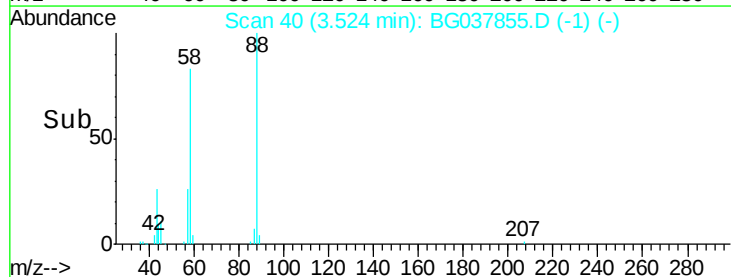
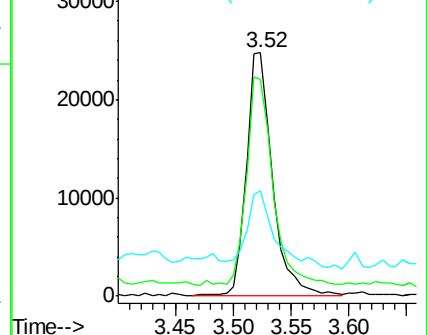
43 32.9 25.8 38.8

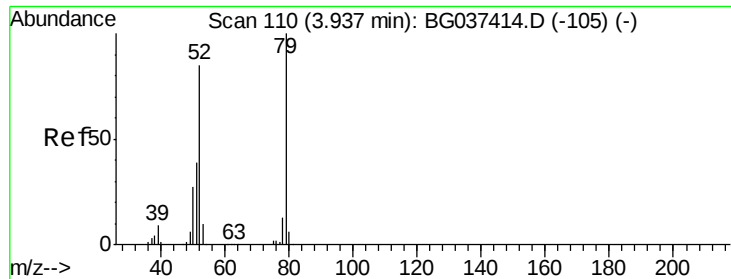


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

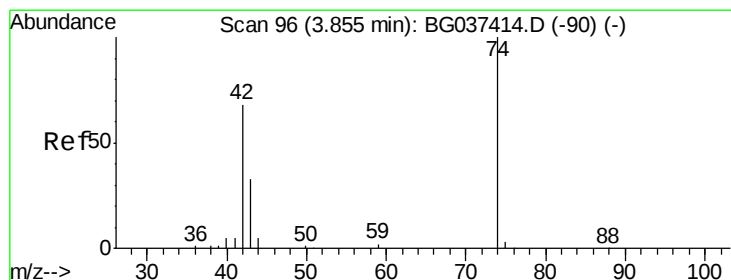
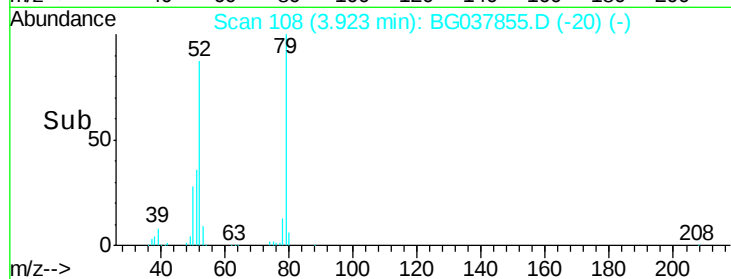
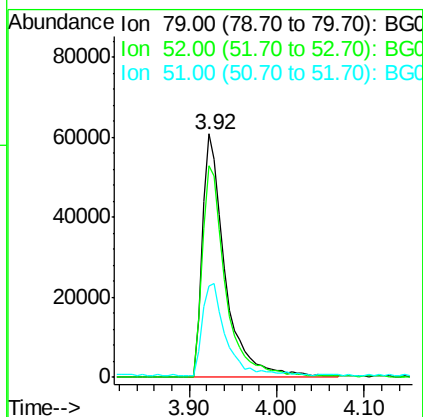
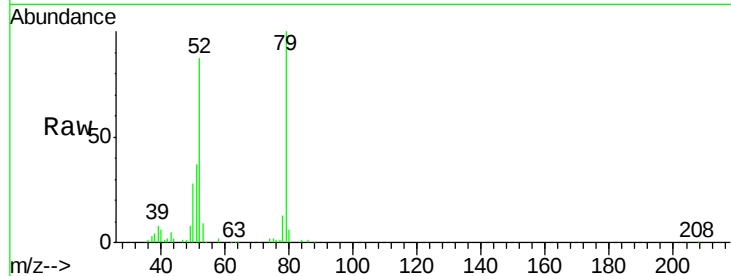




#3
 Pvridine
 Concen: 31.34 ng
 RT: 3.92 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

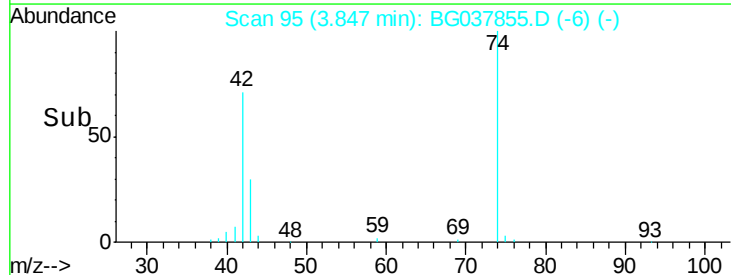
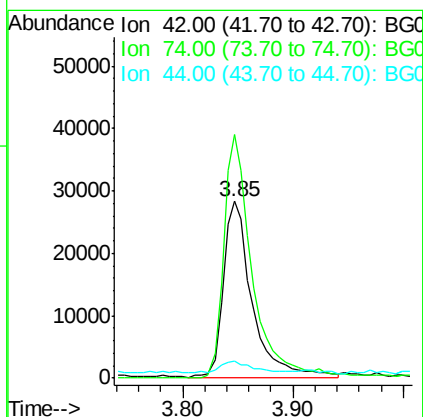
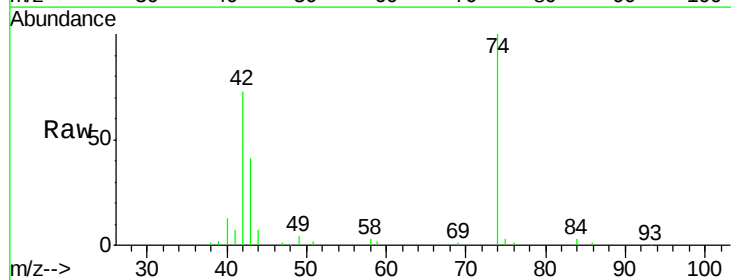
Instrument :
 BNA_G
 ClientSampleId :

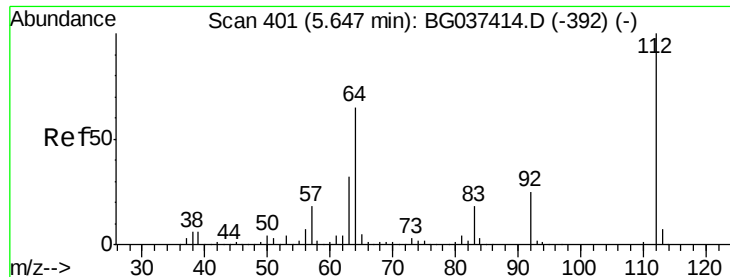
Tot Ion: 79 Resp: 110399
 Ion Ratio Lower Upper
 79 100
 52 86.8 74.2 111.2
 51 37.5 34.6 51.8



#4
 n-Nitrosodimethylamine
 Concen: 40.90 ng
 RT: 3.85 min Scan# 95
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion: 42 Resp: 51311
 Ion Ratio Lower Upper
 42 100
 74 137.9 102.0 153.0
 44 9.8 9.6 14.4





#5

2-Fluorophenol

Concen: 119.71 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampled :

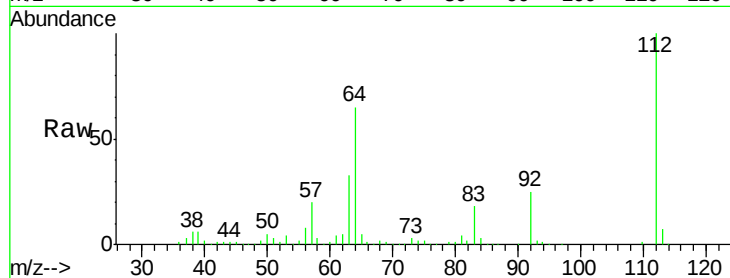
Tot Ion:112 Resp: 329890

Ion Ratio Lower Upper

112 100

64 64.9 53.1 79.7

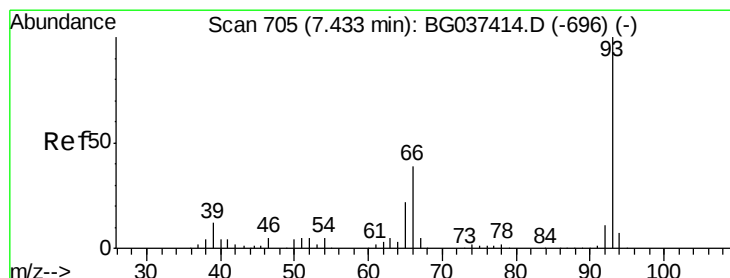
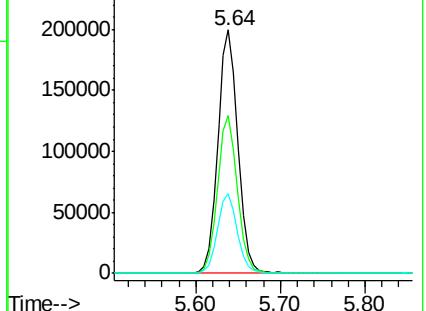
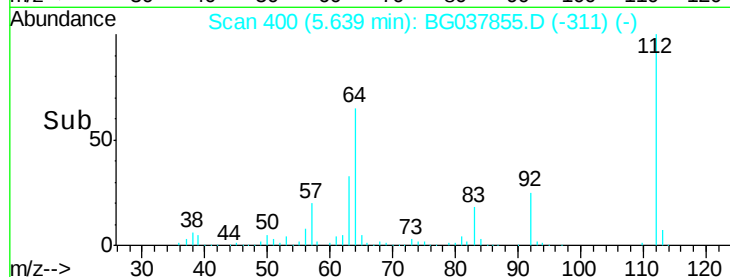
63 32.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.61 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

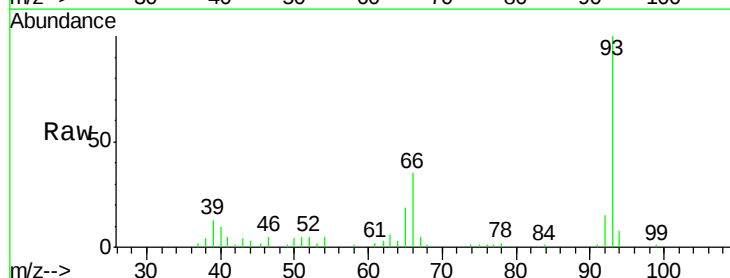
Tgt Ion: 93 Resp: 53924

Ion Ratio Lower Upper

93 100

66 34.7 32.8 49.2

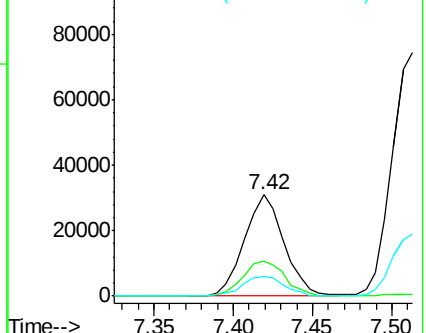
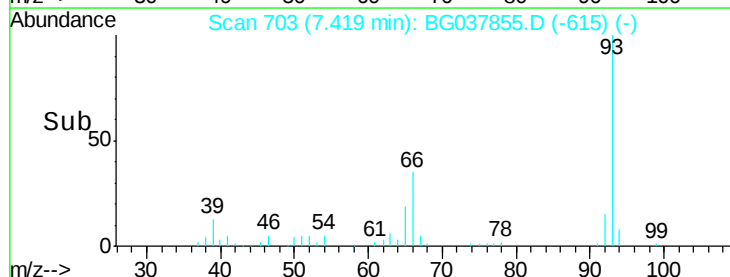
65 19.3 16.4 24.6

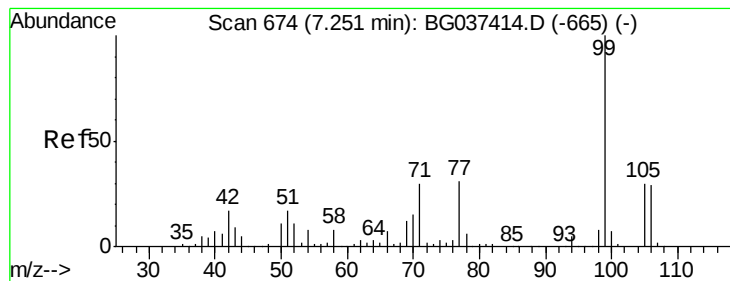


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.66 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

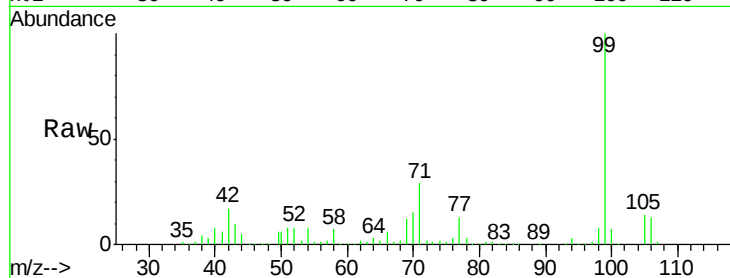
Tot Ion: 99 Resp: 473655

Ion Ratio Lower Upper

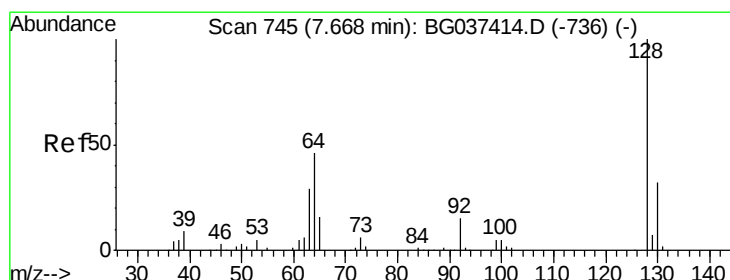
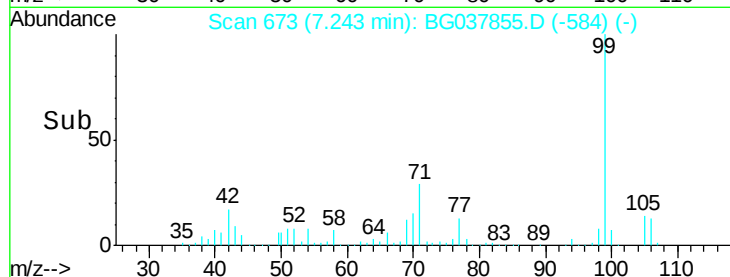
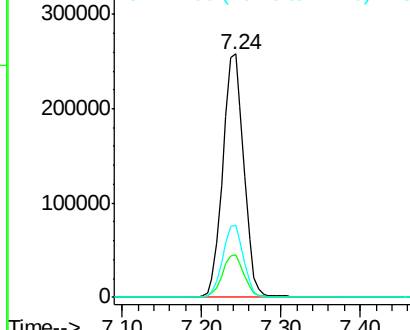
99 100

42 17.5 15.0 22.4

71 29.4 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: 42.01 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

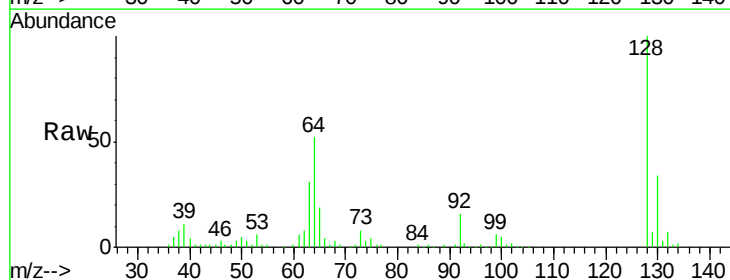
Tgt Ion: 128 Resp: 135439

Ion Ratio Lower Upper

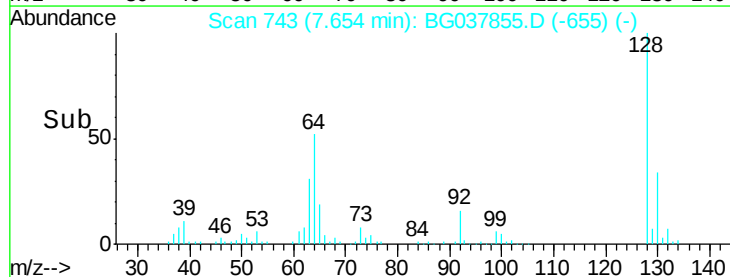
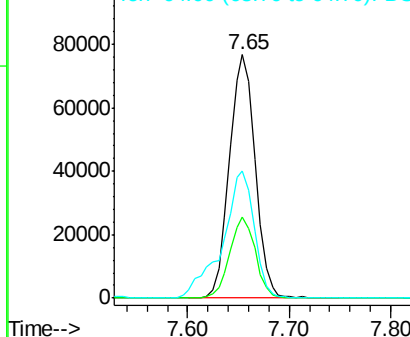
128 100

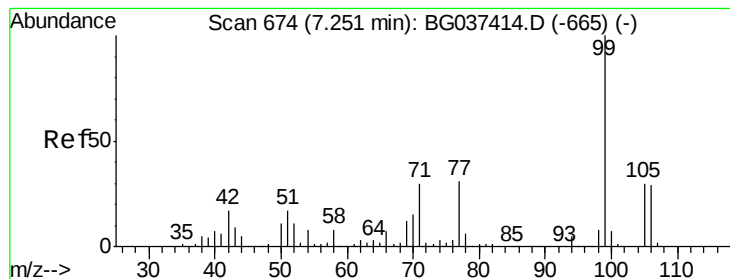
130 33.5 12.0 52.0

64 52.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 30.88 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampled :

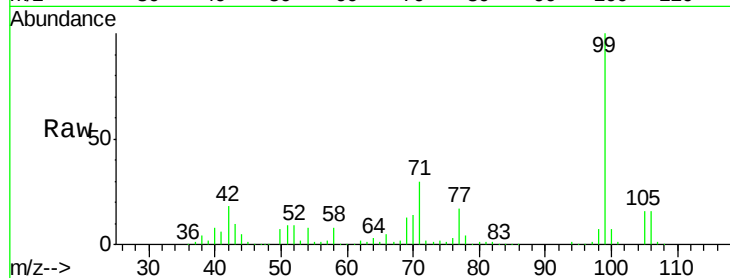
Tot Ion: 77 Resp: 80493

Ion Ratio Lower Upper

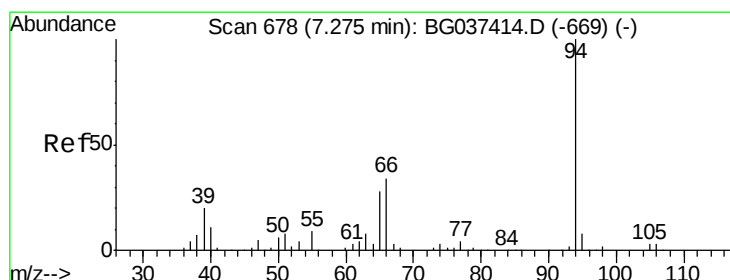
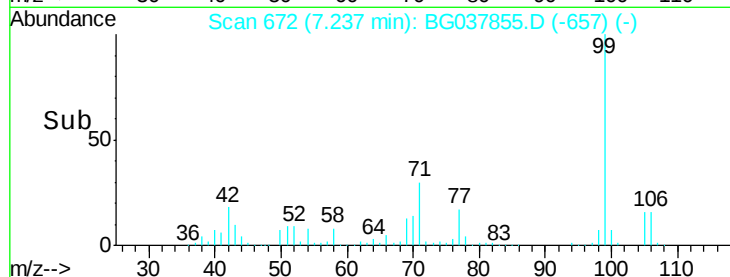
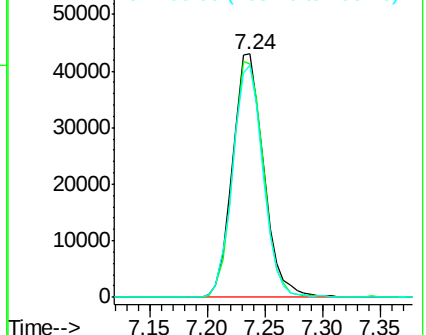
77 100

105 96.1 72.6 112.6

106 95.4 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: 40.72 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

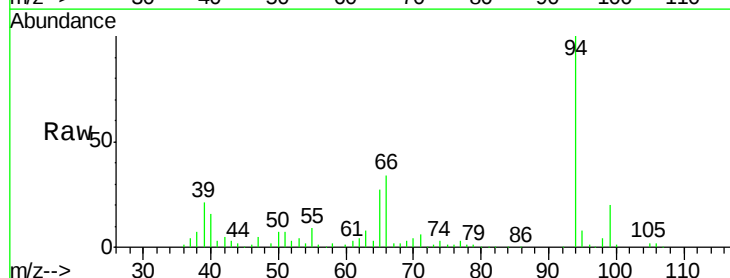
Tgt Ion: 94 Resp: 179031

Ion Ratio Lower Upper

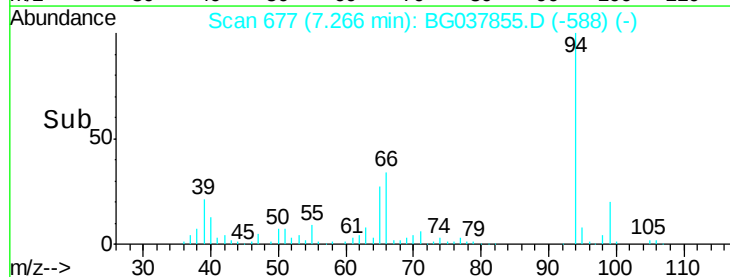
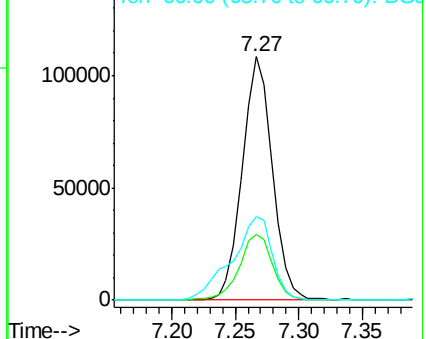
94 100

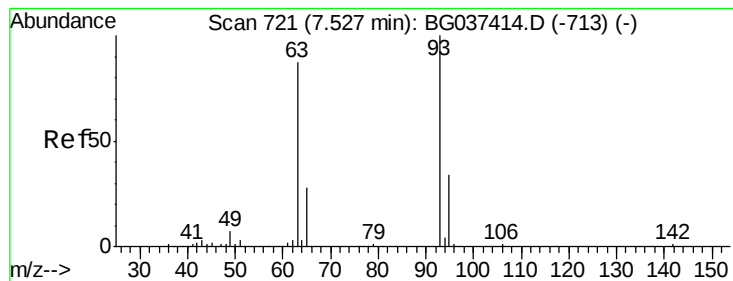
65 27.2 9.7 49.7

66 34.3 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: 37.87 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampled :

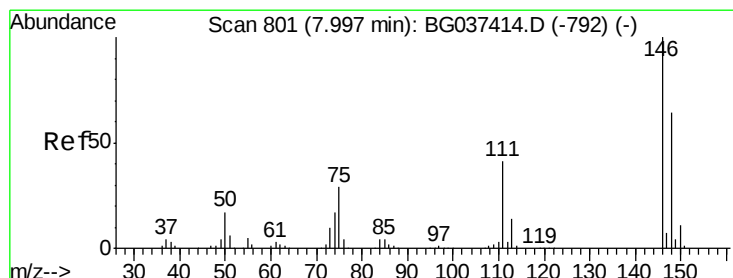
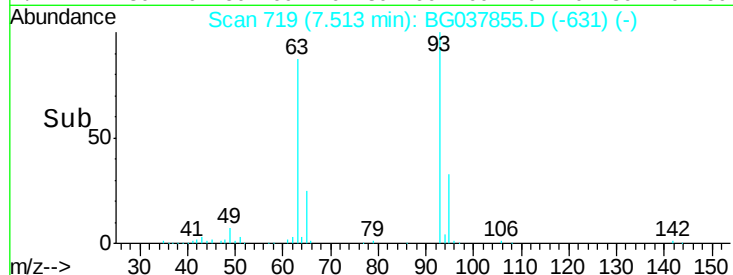
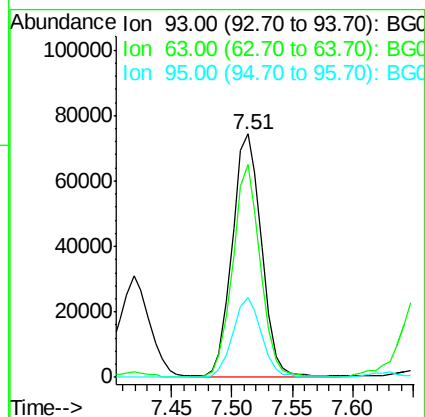
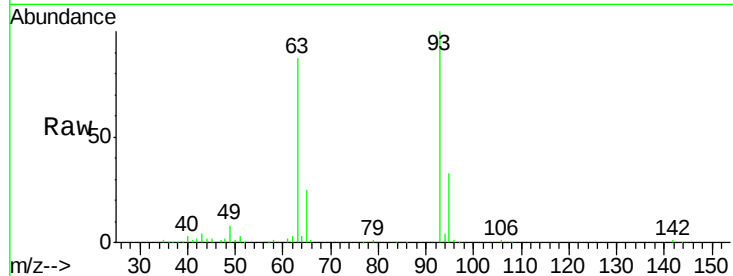
Tot Ion: 93 Resp: 126452

Ion Ratio Lower Upper

93 100

63 87.2 69.5 109.5

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 37.90 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

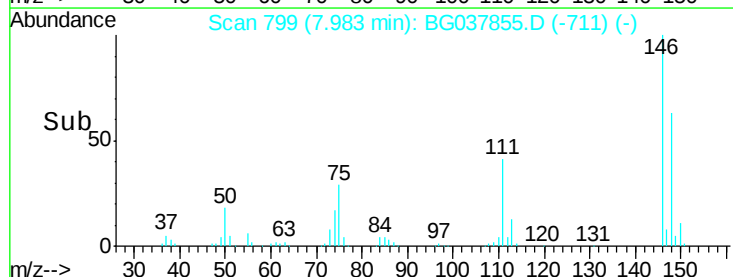
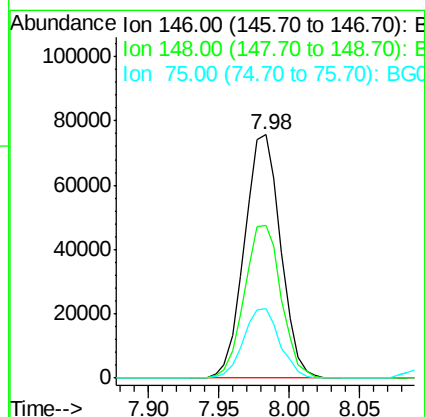
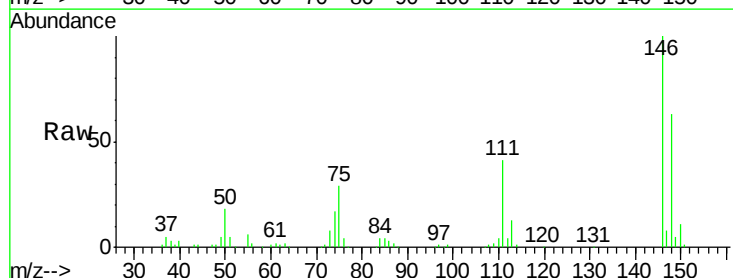
Tgt Ion: 146 Resp: 136021

Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.8

75 28.7 23.2 34.8

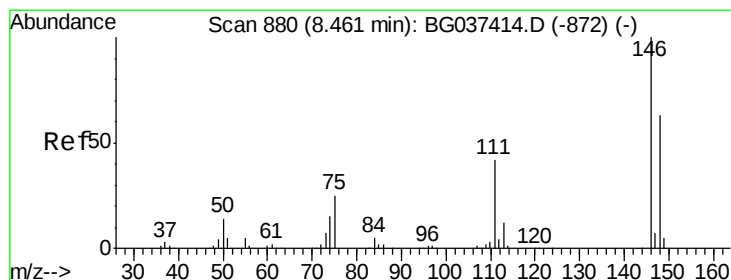
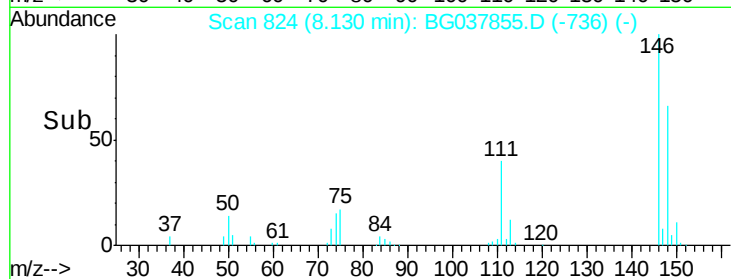
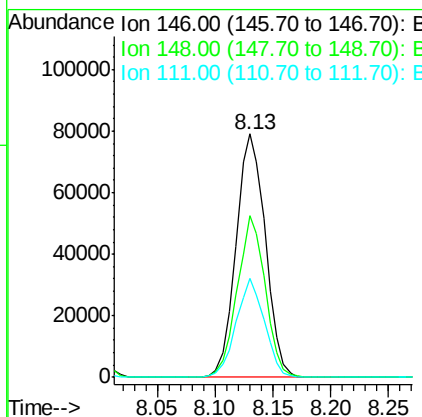
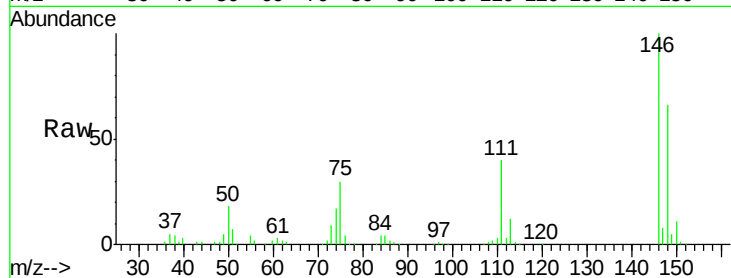




#13
 1,4-Dichlorobenzene
 Concen: 37.79 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

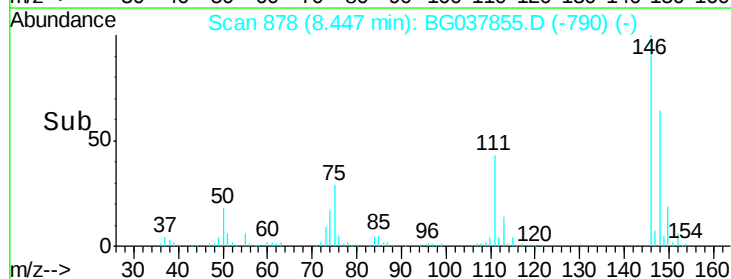
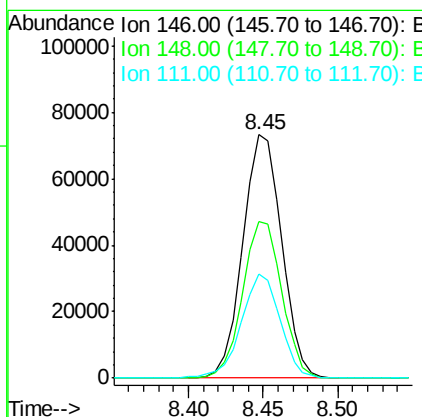
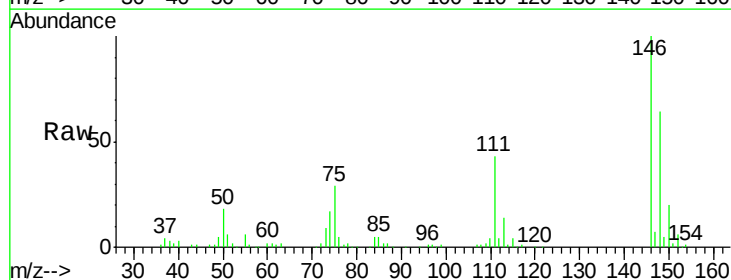
Instrument :
 BNA_G
 ClientSampled :

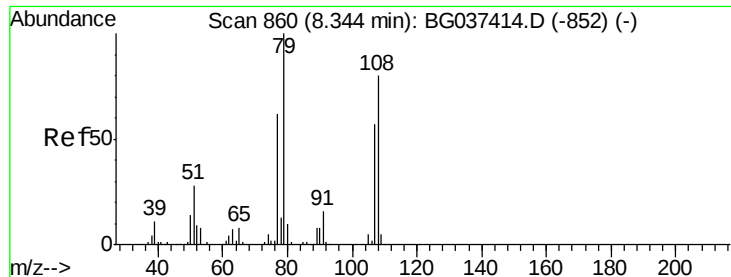
Tot Ion:146 Resp: 138723
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.0 76.6
 111 40.5 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 37.34 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion:146 Resp: 131852
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 43.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 37.83 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

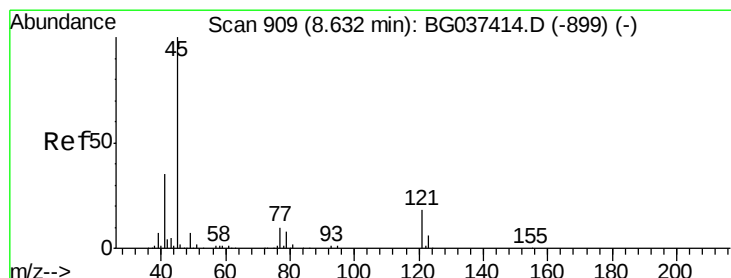
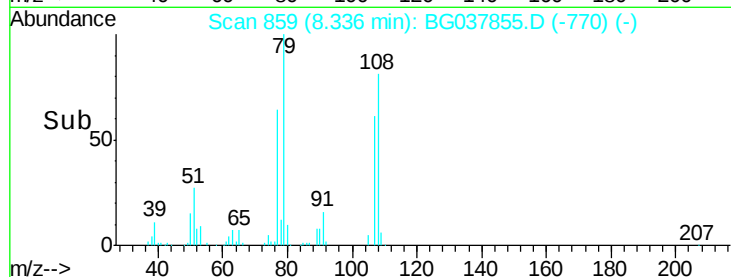
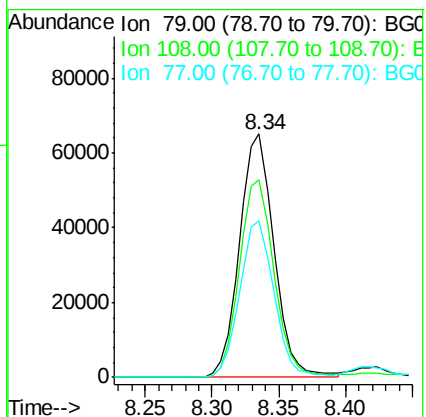
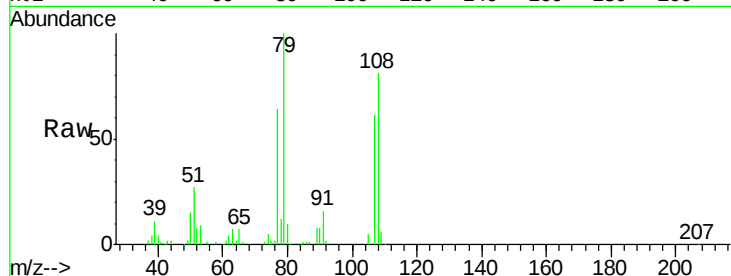
Tot Ion: 79 Resp: 116476

Ion Ratio Lower Upper

79 100

108 81.2 65.8 98.8

77 64.4 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.13 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

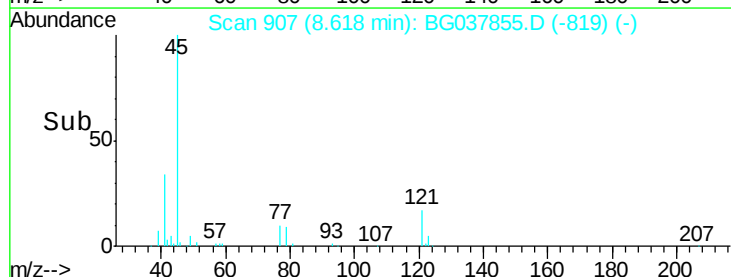
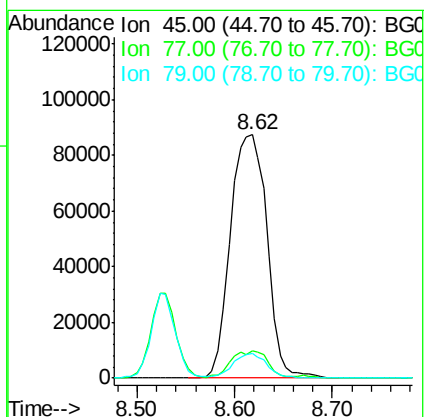
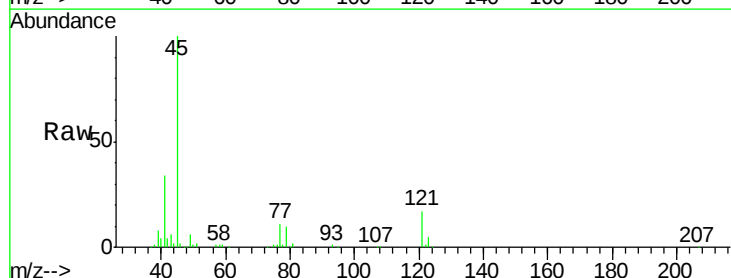
Tgt Ion: 45 Resp: 227829

Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.0

79 9.9 0.0 29.0





#17

2-Methylphenol

Concen: 41.22 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 119828

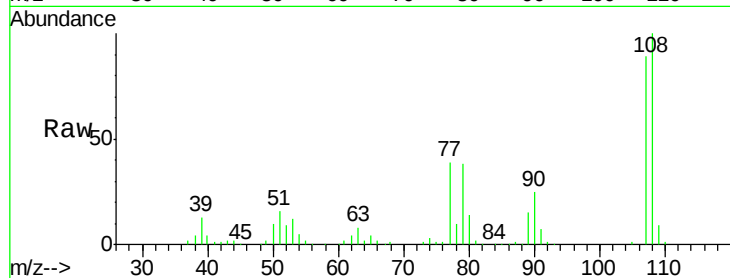
Ion Ratio Lower Upper

107 100

108 112.3 87.9 131.9

77 43.6 35.1 52.7

79 42.9 34.5 51.7

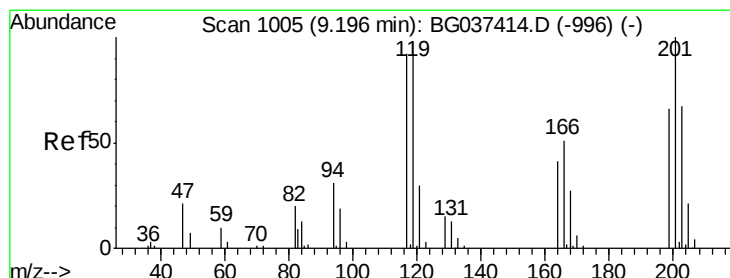
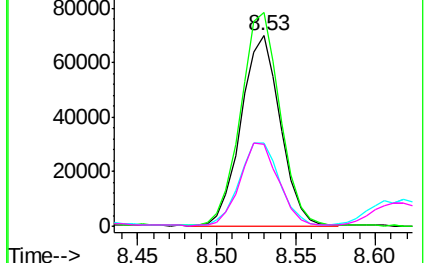
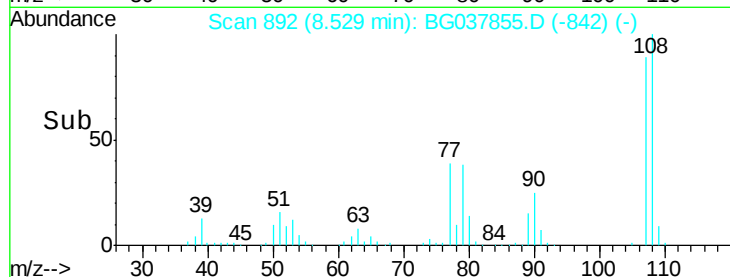


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.81 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

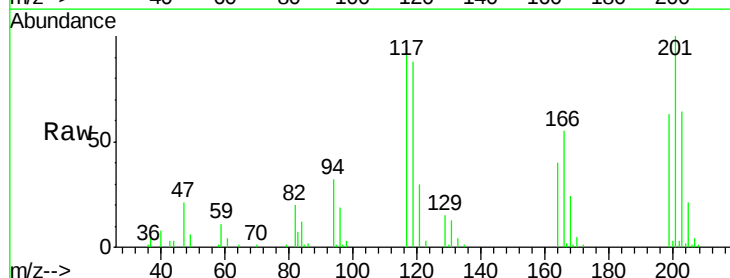
Tgt Ion:117 Resp: 49828

Ion Ratio Lower Upper

117 100

119 93.3 74.6 111.8

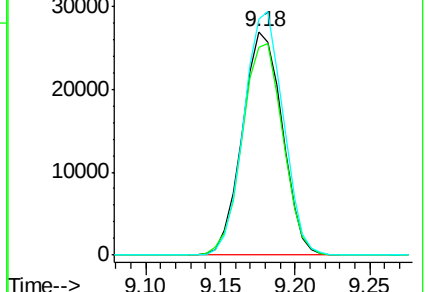
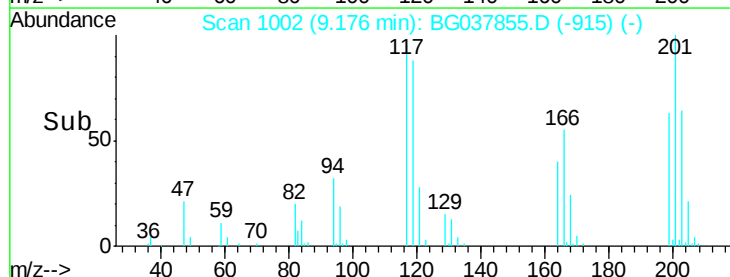
201 108.5 80.8 121.2

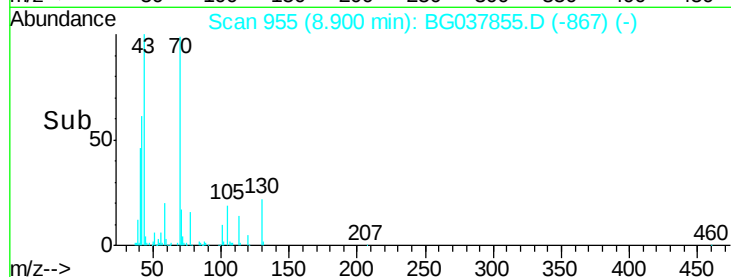
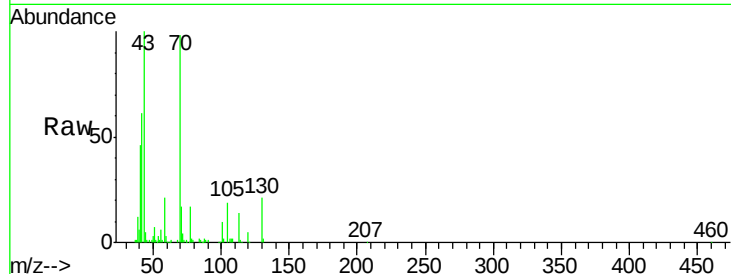
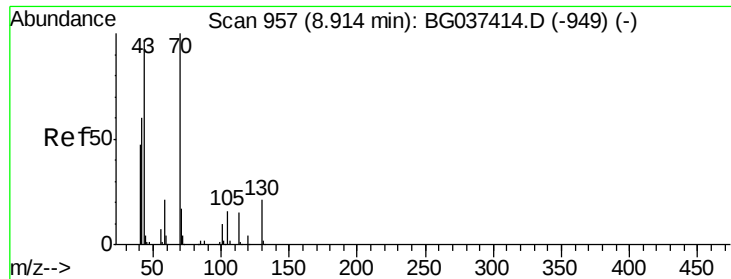


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

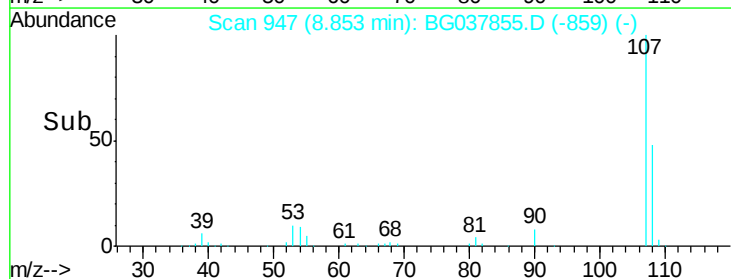
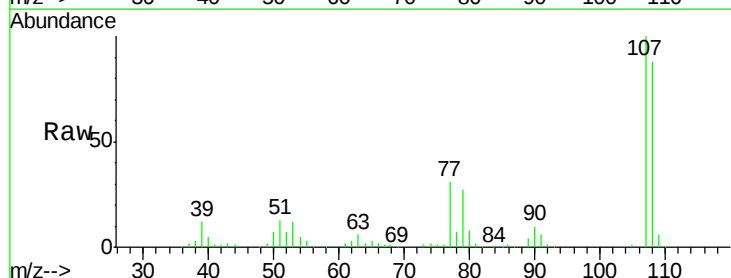
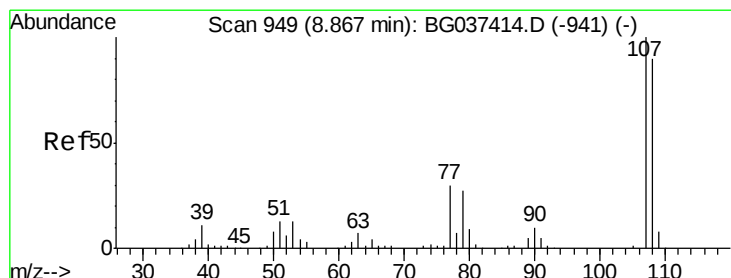
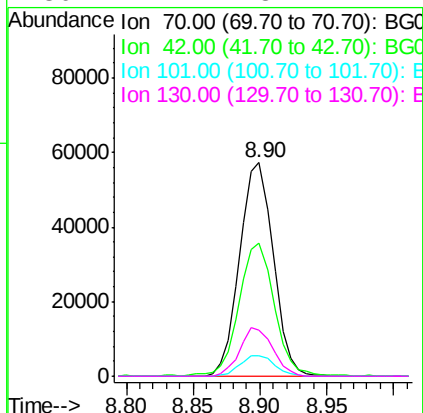




#19
n-Nitroso-di-n-propylamine
Concen: 34.87 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

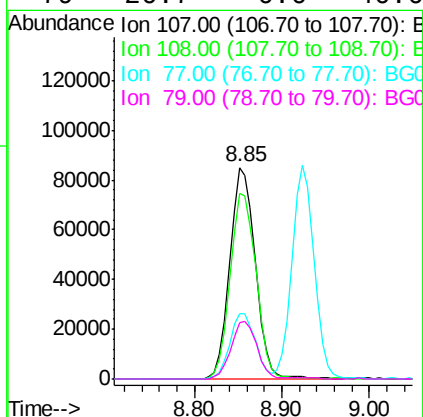
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	100057
Ion	Ratio	Lower	Upper
70	100		
42	62.0	53.9	80.9
101	9.7	8.2	12.2
130	21.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.53 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion:	107	Resp:	168441
Ion	Ratio	Lower	Upper
107	100		
108	87.9	69.9	109.9
77	31.0	11.2	51.2
79	26.7	6.6	46.6

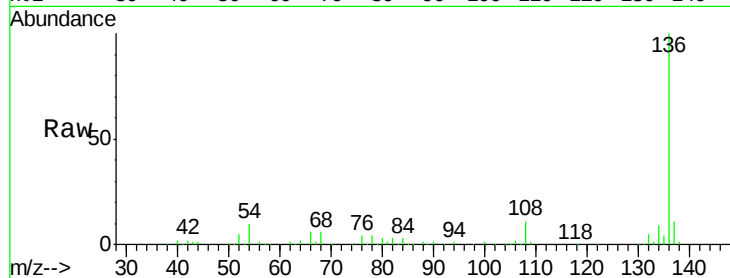




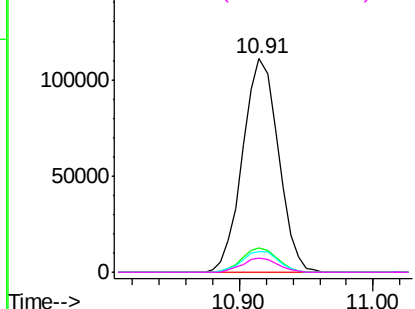
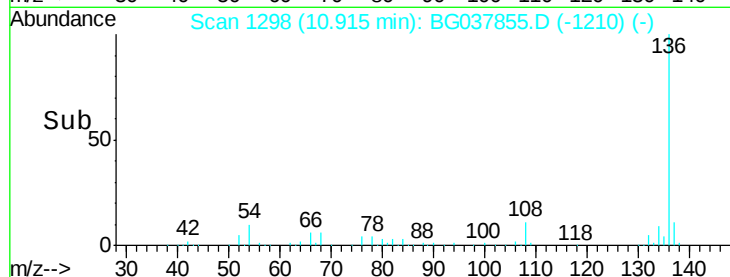
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	205102
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.6 14.4
54	9.8	7.9 11.9
68	6.5	4.8 7.2

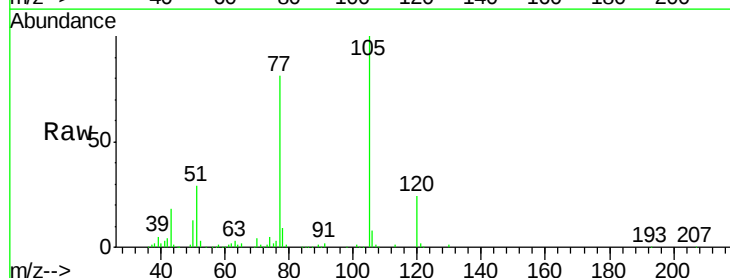


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

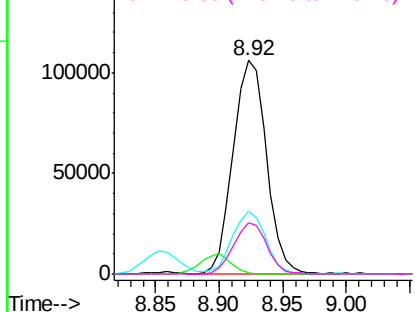
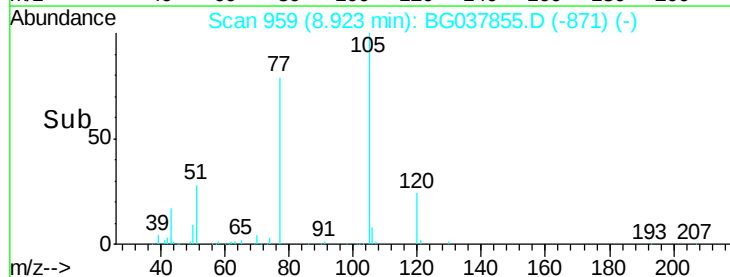


#22
Acetophenone
Concen: 37.53 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion:105	Resp:	193045
Ion Ratio	Lower	Upper
105	100	
71	0.5	1.2 1.8#
51	29.3	25.0 37.6
120	24.1	18.6 28.0



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

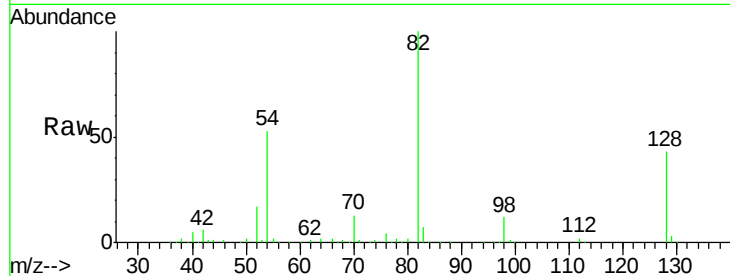




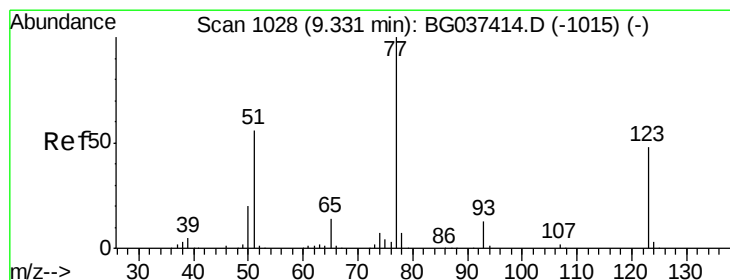
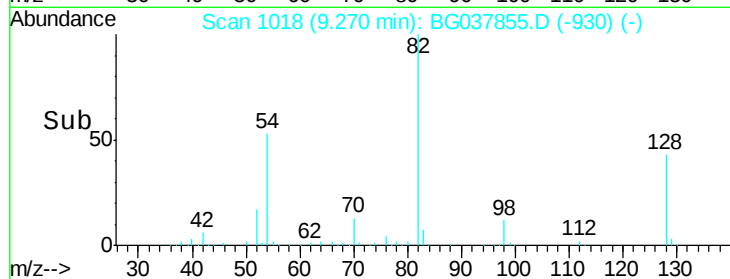
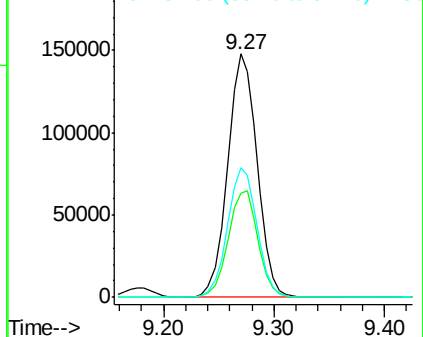
#23
Nitrobenzene-d5
Concen: 75.51 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	276454
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.6	51.8
54	53.0	45.3	67.9

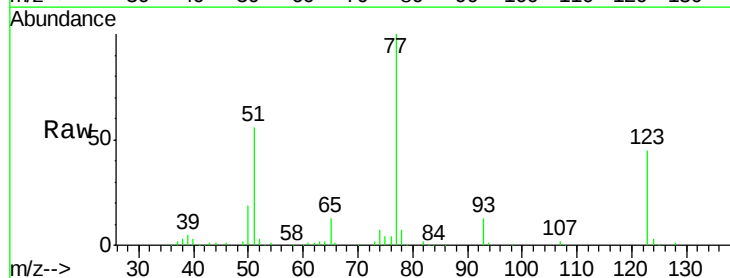


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

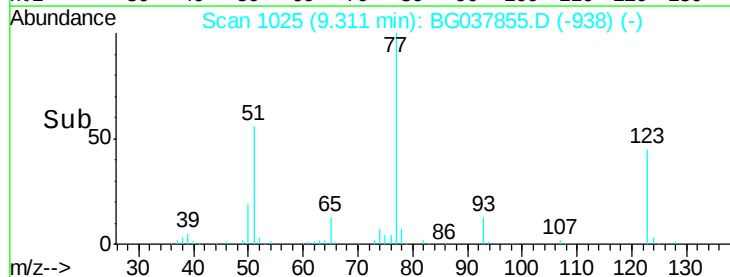
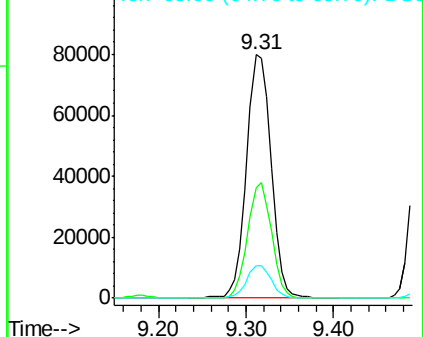


#24
Nitrobenzene
Concen: 40.01 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	77	Resp	152184
Ion Ratio	Lower	Upper	
77	100		
123	45.3	33.6	50.4
65	13.2	11.3	16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.72 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

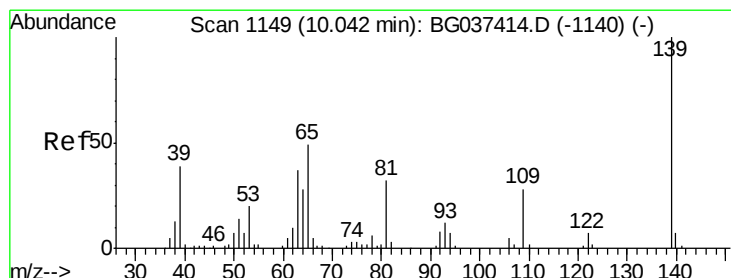
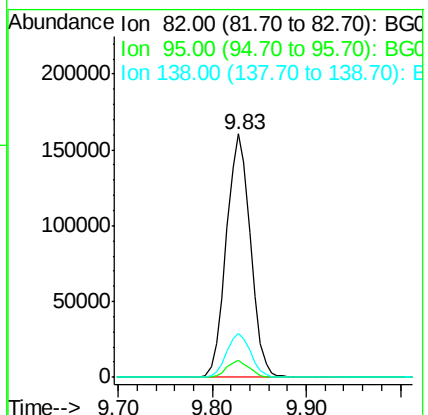
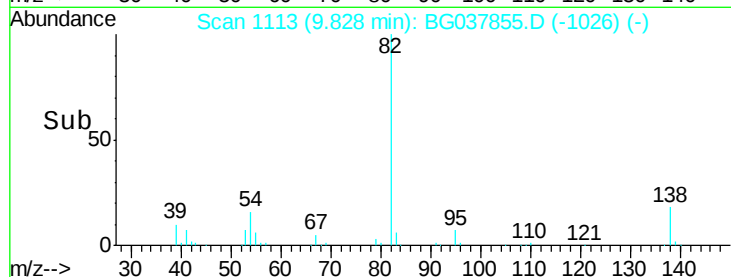
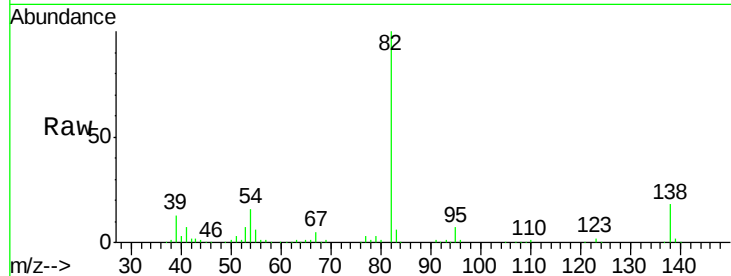
Tot Ion: 82 Resp: 285763

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.1 13.3 19.9



#26

2-Nitrophenol

Concen: 43.35 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

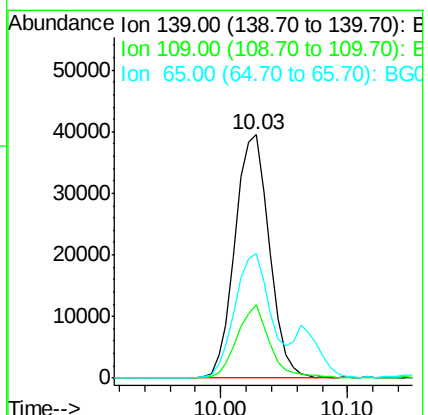
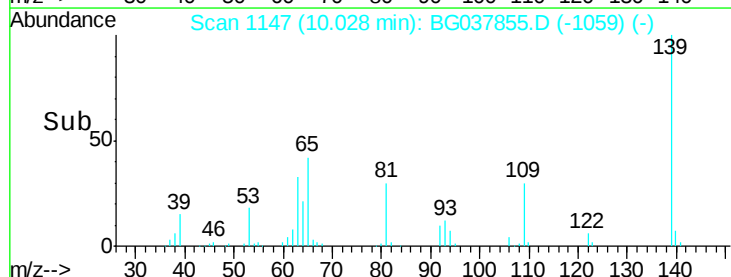
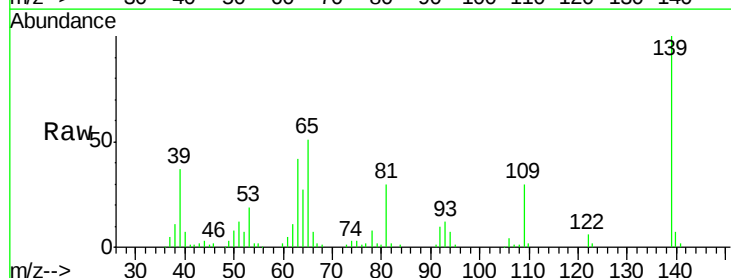
Tgt Ion: 139 Resp: 74275

Ion Ratio Lower Upper

139 100

109 30.3 23.3 34.9

65 50.9 39.8 59.8

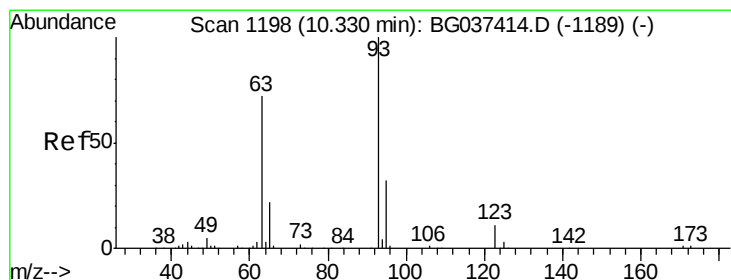
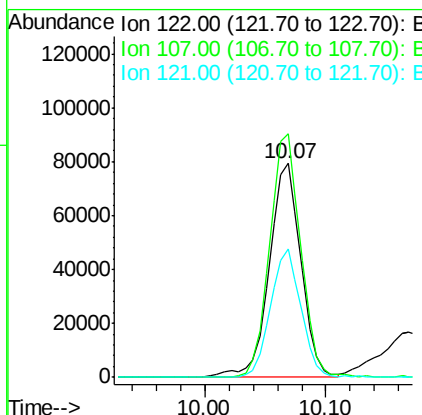
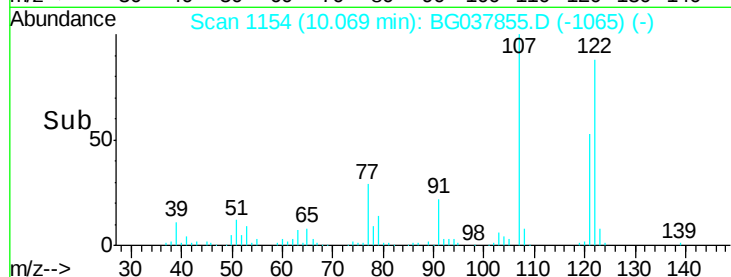
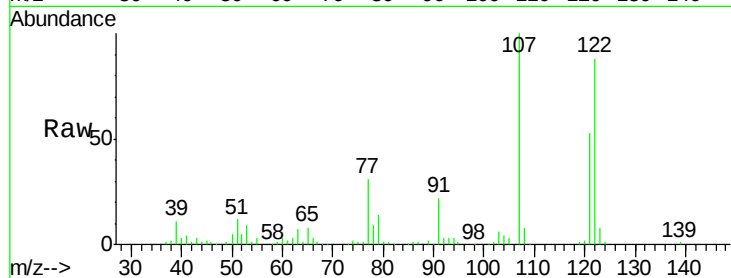




#27
 2,4-Dimethylphenol
 Concen: 47.36 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

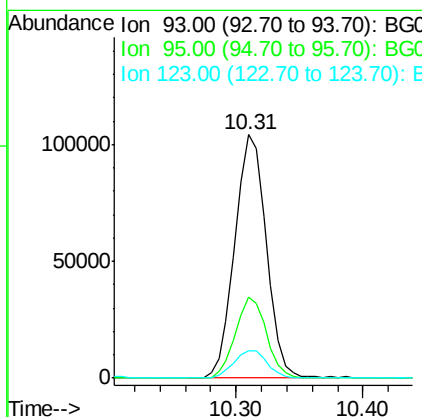
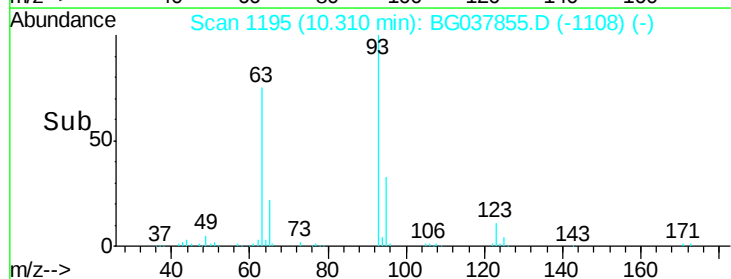
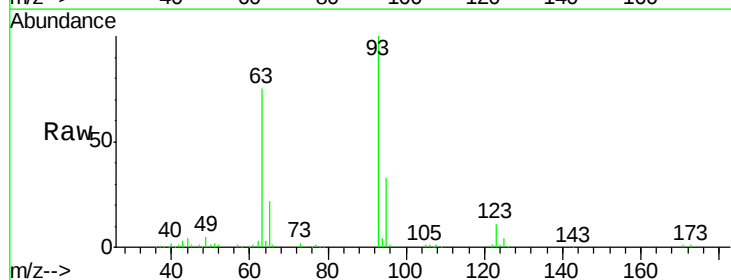
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 144893
 Ion Ratio Lower Upper
 122 100
 107 113.8 94.2 141.2
 121 60.1 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.96 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion: 93 Resp: 179513
 Ion Ratio Lower Upper
 93 100
 95 33.3 24.6 37.0
 123 11.4 9.1 13.7

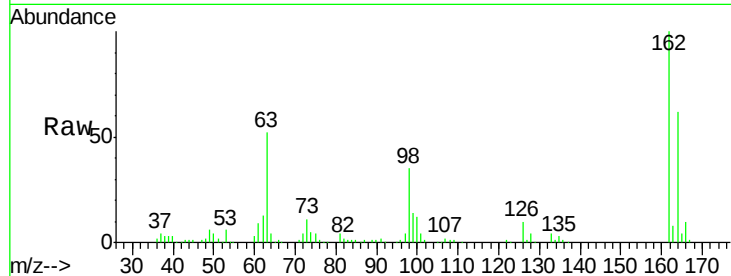




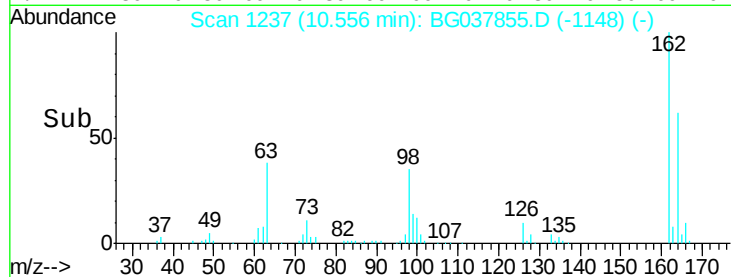
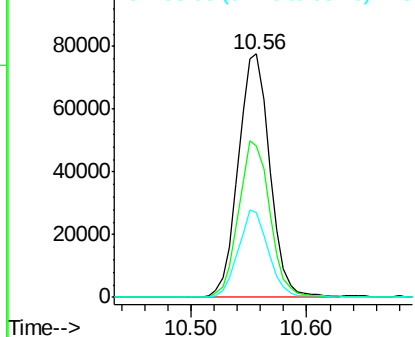
#29
 2,4-Dichlorophenol
 Concen: 43.25 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 147314
 Ion Ratio Lower Upper
 162 100
 164 62.0 43.2 83.2
 98 34.6 16.0 56.0

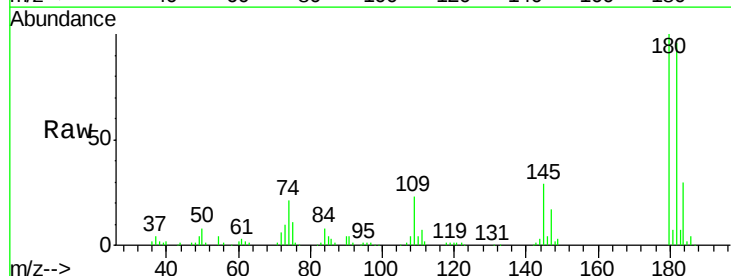


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

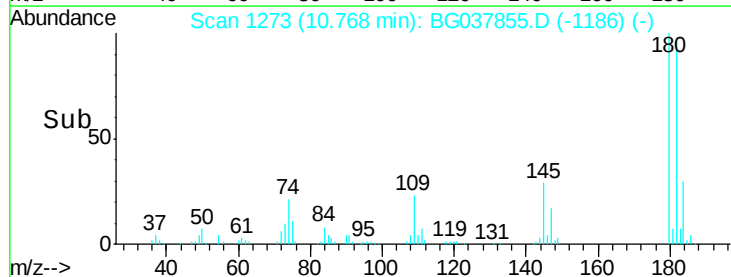
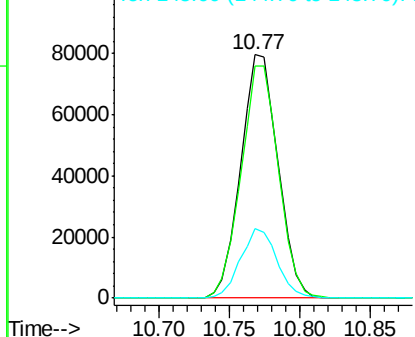


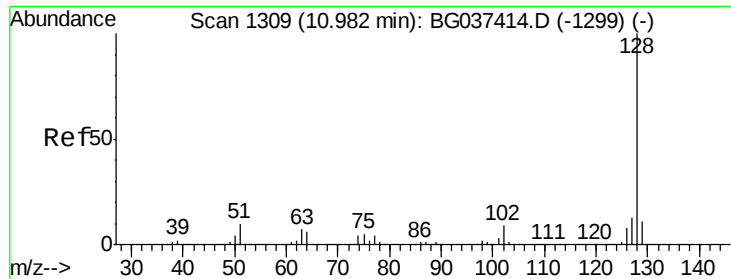
#30
 1,2,4-Trichlorobenzene
 Concen: 39.67 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion:180 Resp: 146931
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.7 116.5
 145 28.7 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

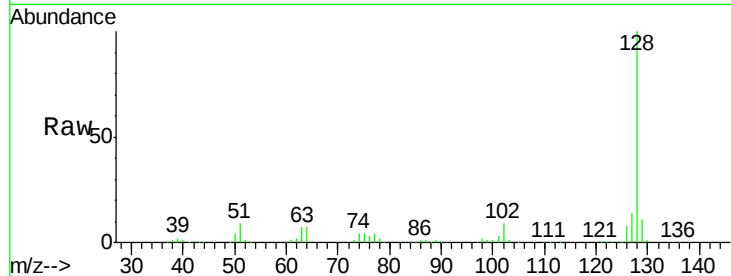




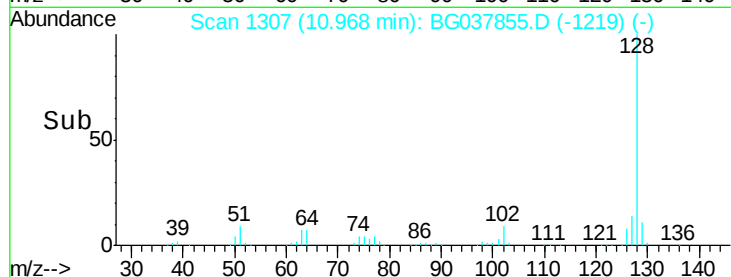
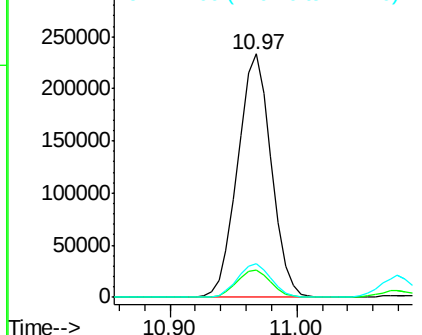
#31
Naphthalene
Concen: 42.58 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 428965
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.7 11.1 16.7

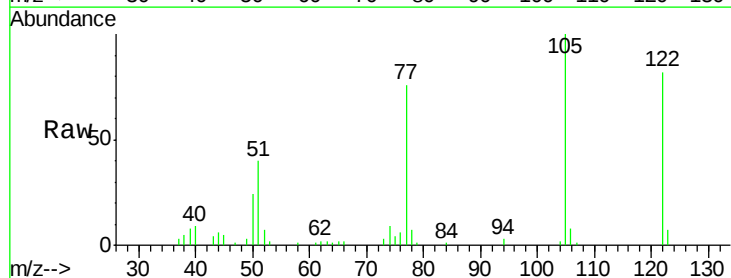


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

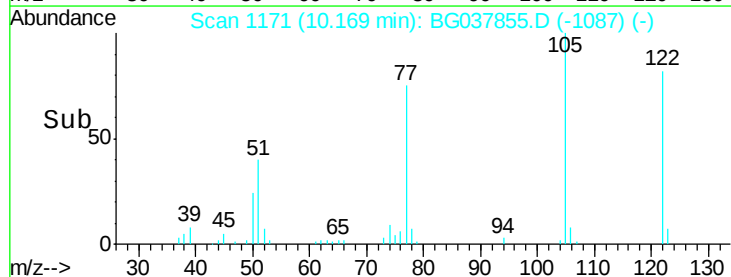
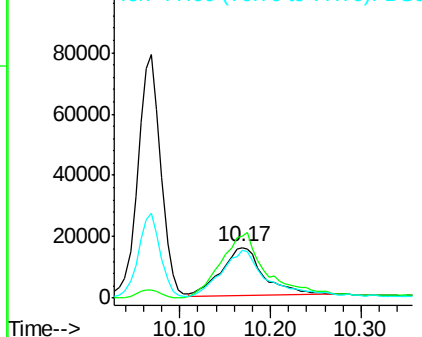


#32
Benzoic acid
Concen: 26.38 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.04 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion:122 Resp: 52411
Ion Ratio Lower Upper
122 100
105 122.1 106.7 146.7
77 92.9 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

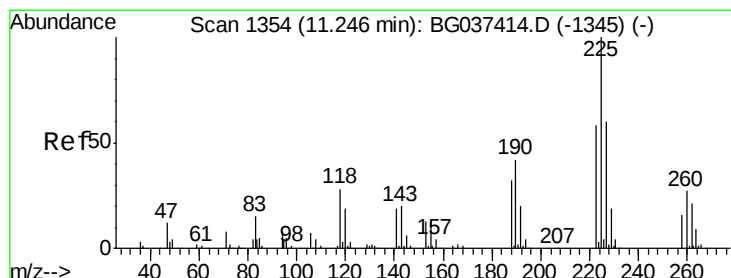
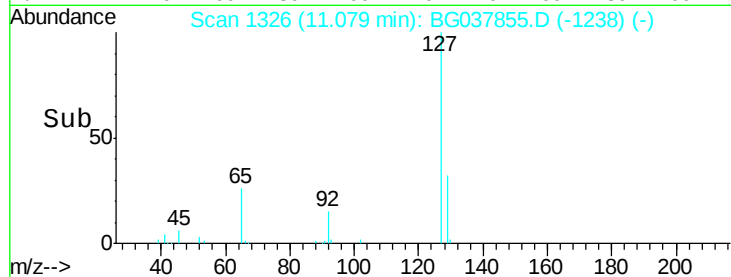
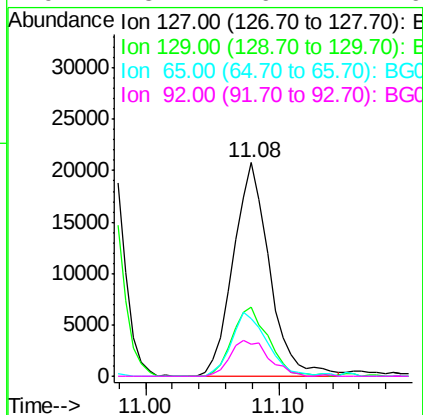
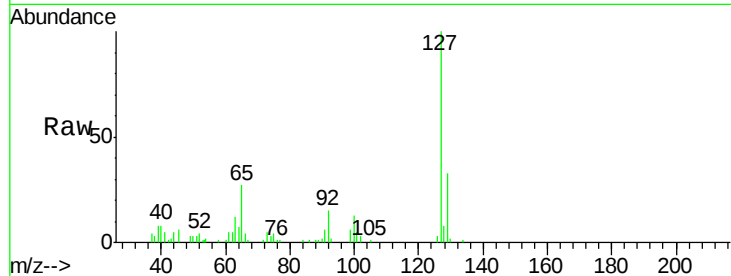




#33
4-Chloroaniline
Concen: 8.26 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

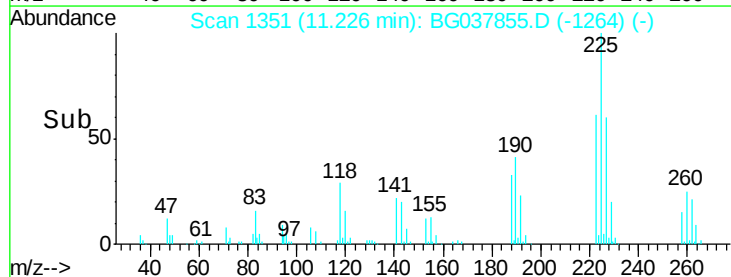
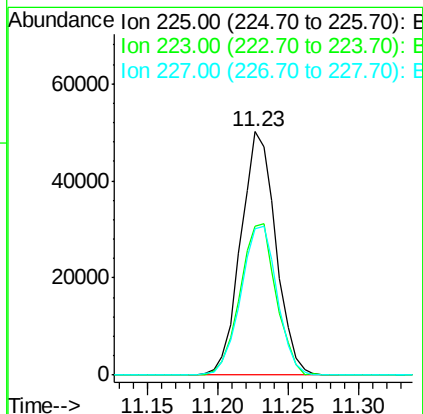
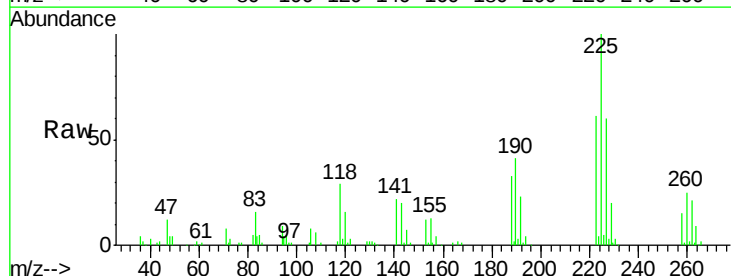
Instrument :
BNA_G
ClientSampleId :

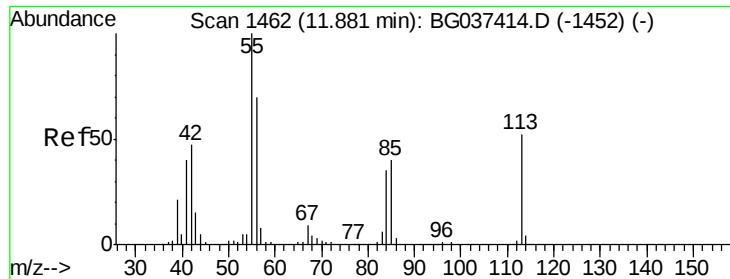
Tot Ion:	127	Resp:	39113
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.1	40.7
65	26.7	26.6	39.8
92	15.2	16.4	24.6



#34
Hexachlorobutadiene
Concen: 39.64 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion:	225	Resp:	87033
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.2	72.4
227	60.1	51.6	77.4

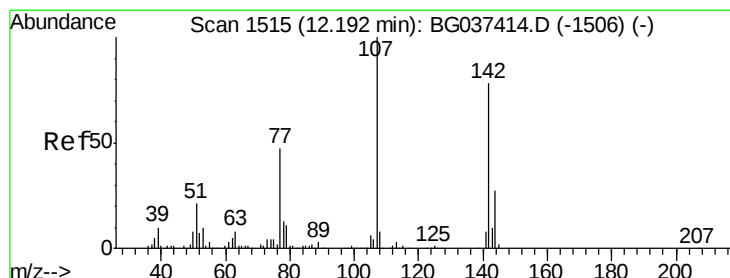
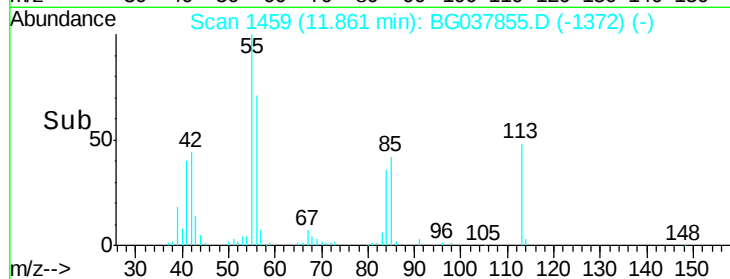
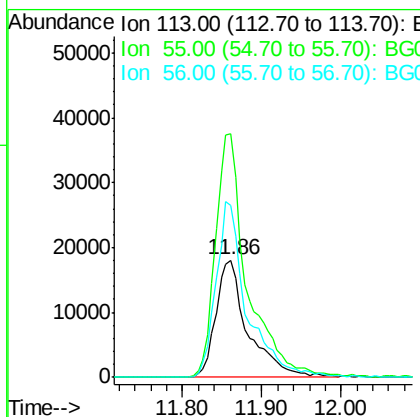
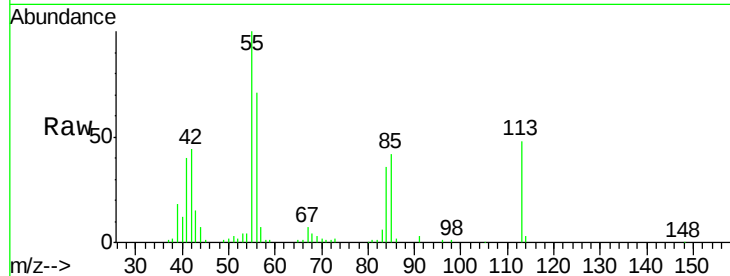




#35
 Caprolactam
 Concen: 37.25 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

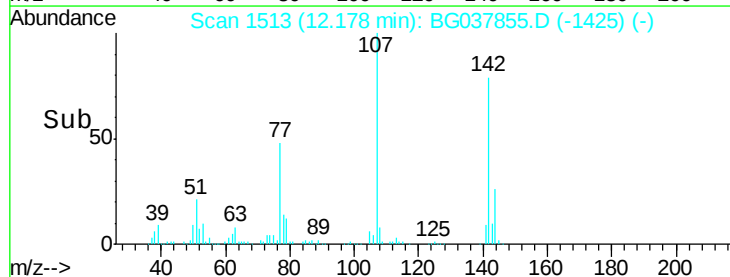
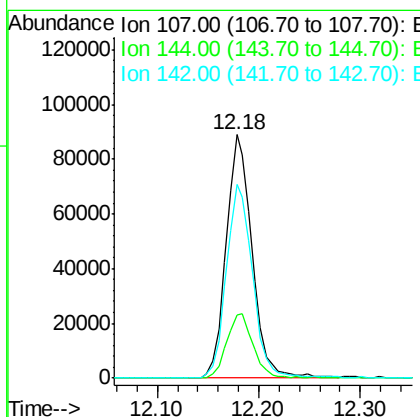
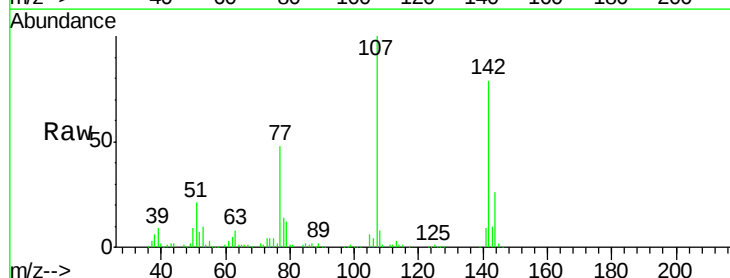
Instrument :
 BNA_G
 ClientSampled :

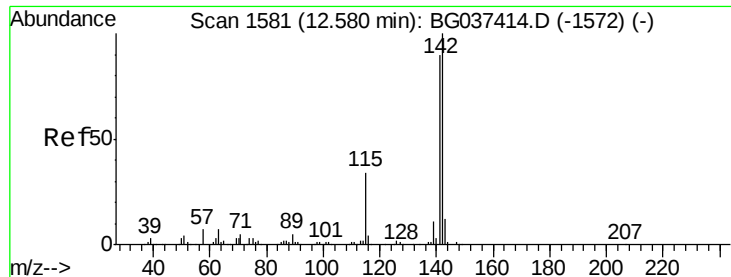
Tot Ion:113 Resp: 50886
 Ion Ratio Lower Upper
 113 100
 55 207.4 176.6 216.6
 56 146.8 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.04 ng
 RT: 12.18 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion:107 Resp: 157673
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.7 31.1
 142 79.5 64.4 96.6

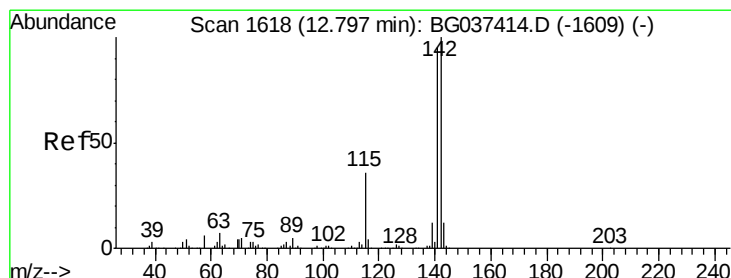
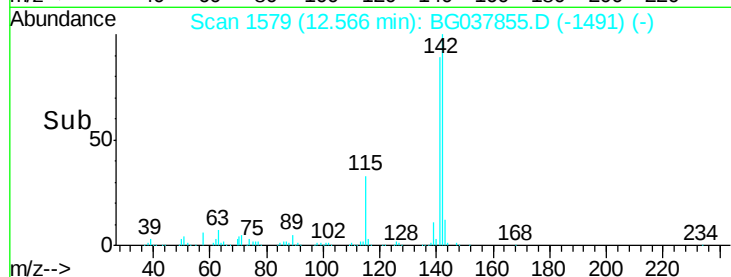
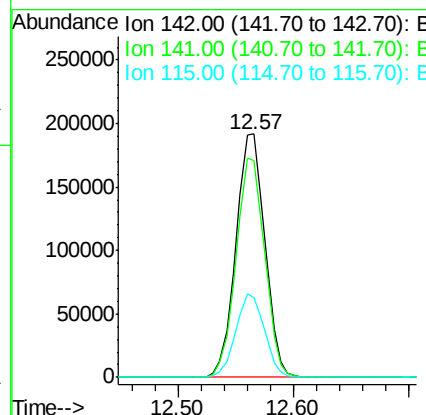
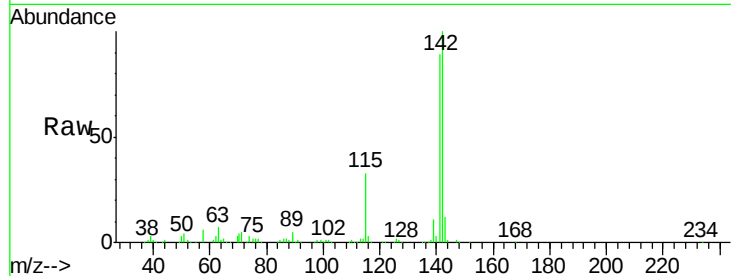




#37
2-Methylnaphthalene
Concen: 45.49 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

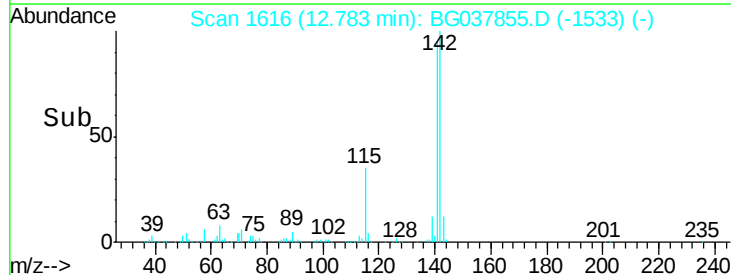
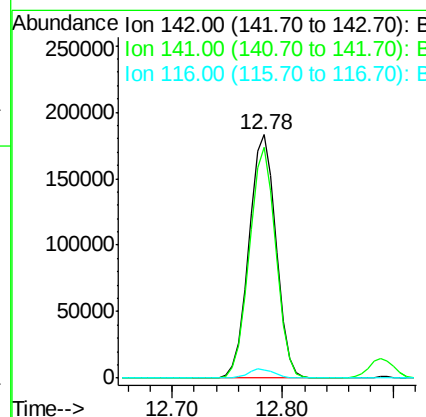
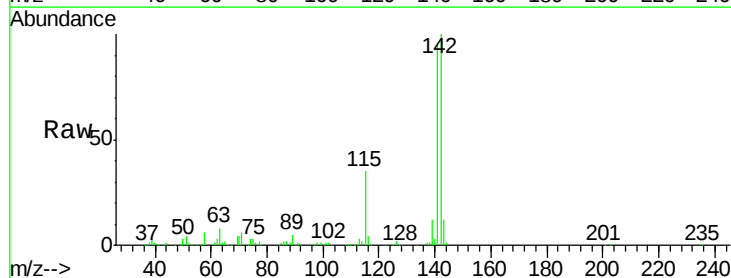
Instrument :
BNA_G
ClientSampled :

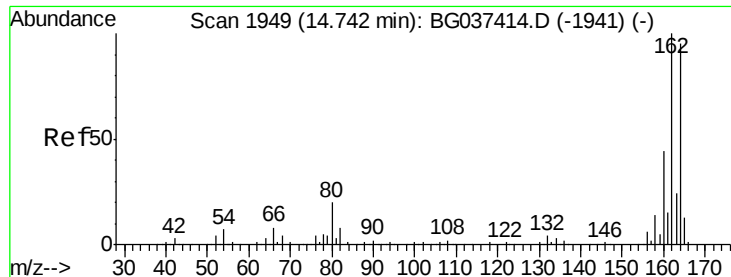
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
115	32.6	27.8	41.8



#38
1-Methylnaphthalene
Concen: 44.16 ng
RT: 12.78 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.2	112.8
116	3.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampled :

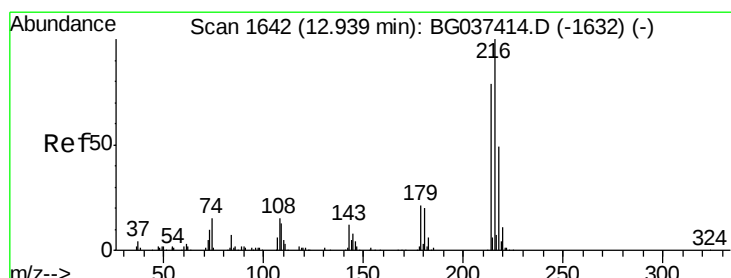
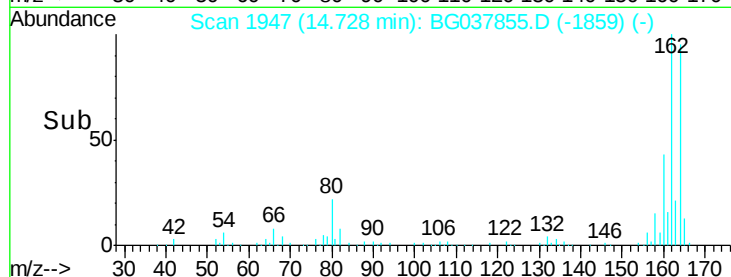
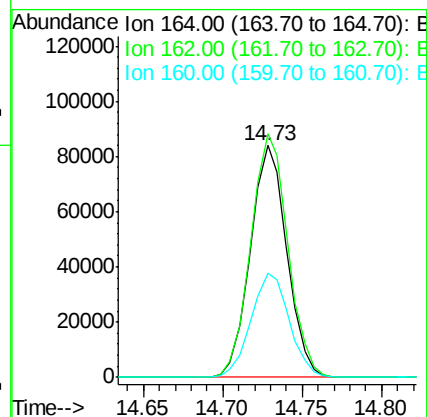
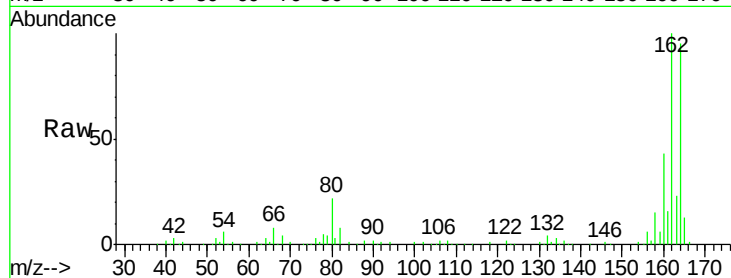
Tot Ion:164 Resp: 133980

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

160 45.0 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.52 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion:216 Resp: 170781

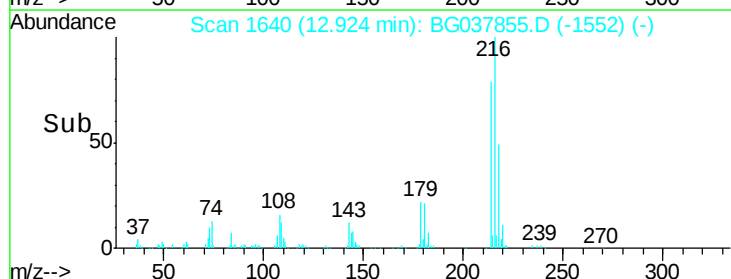
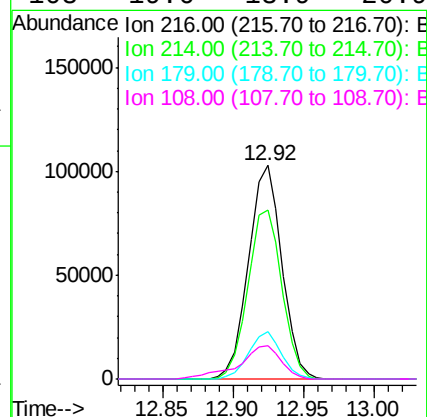
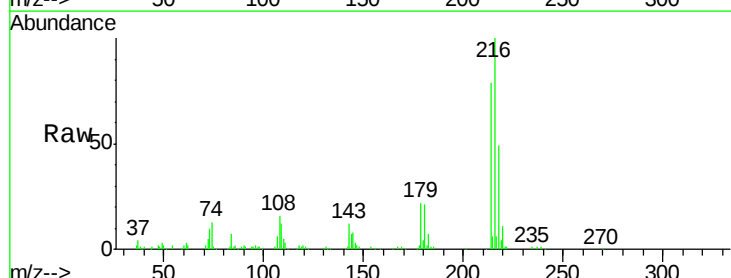
Ion Ratio Lower Upper

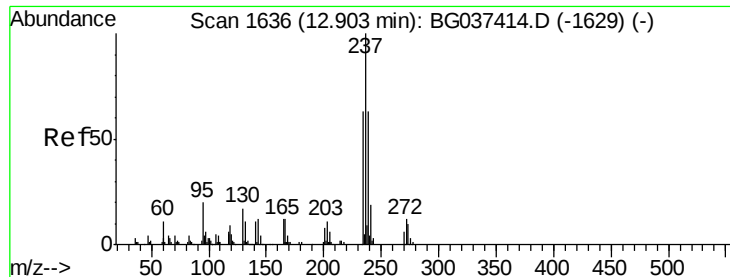
216 100

214 80.5 63.8 95.6

179 21.6 17.4 26.0

108 19.6 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 100.97 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

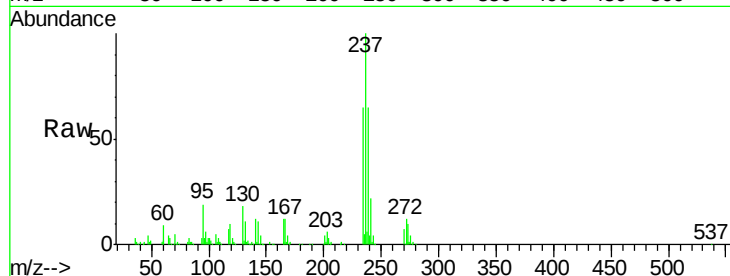
Tot Ion:237 Resp: 208443

Ion Ratio Lower Upper

237 100

235 64.8 42.5 82.5

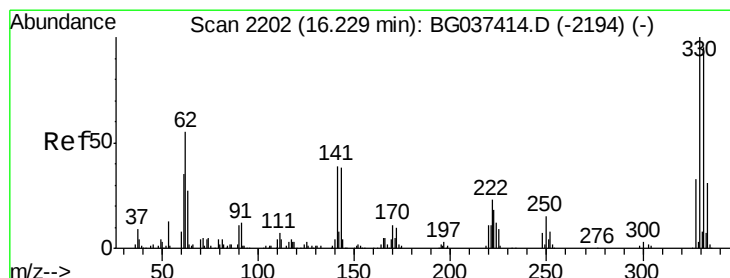
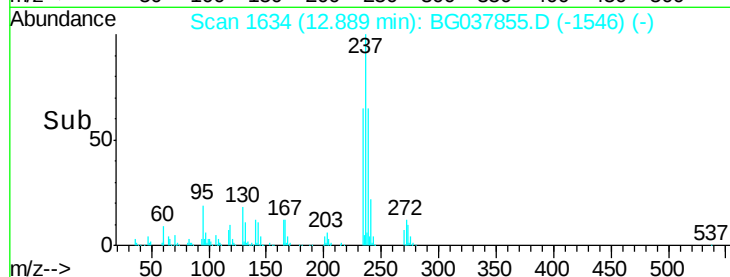
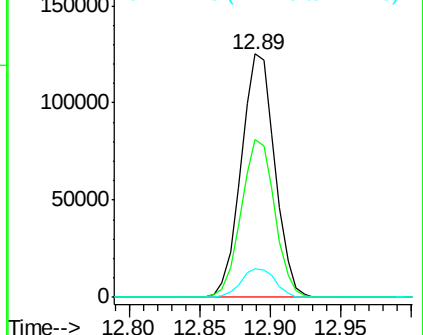
272 11.9 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 114.45 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

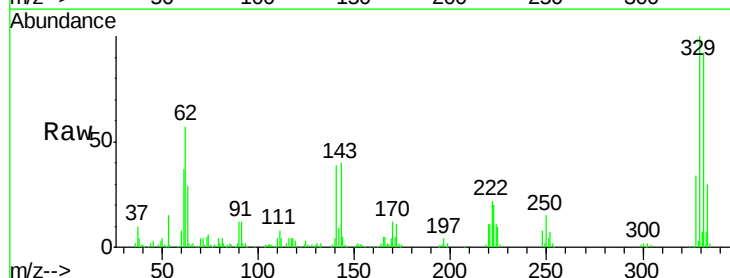
Tgt Ion:330 Resp: 167248

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

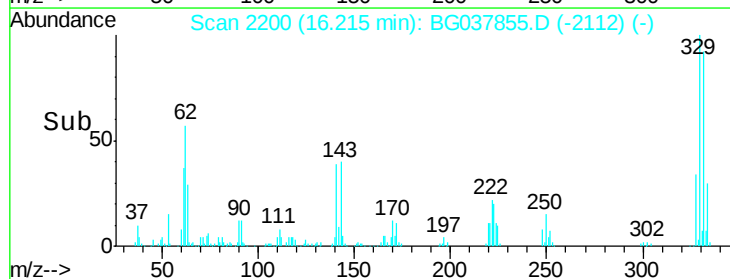
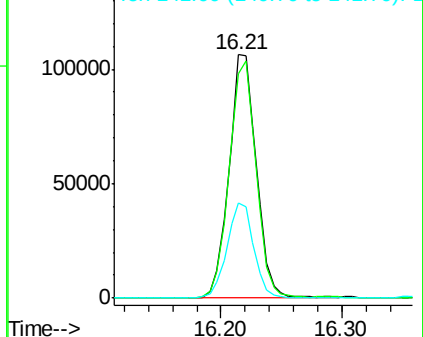
141 38.5 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

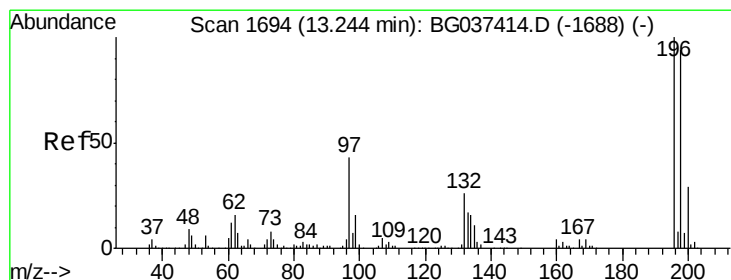
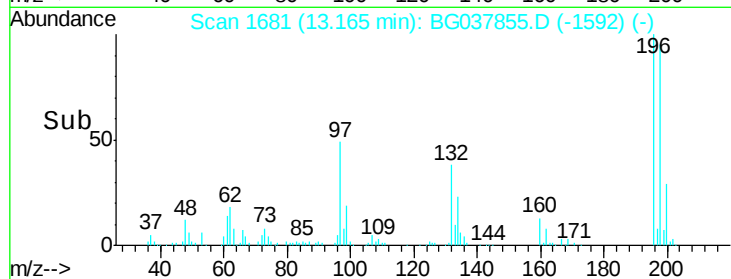
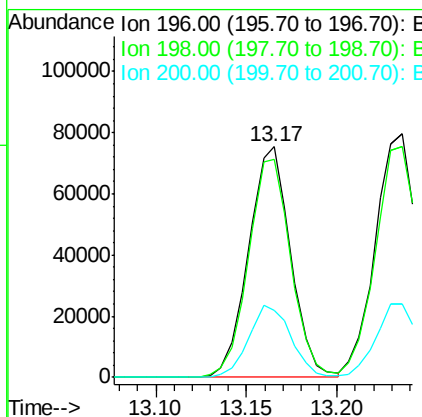
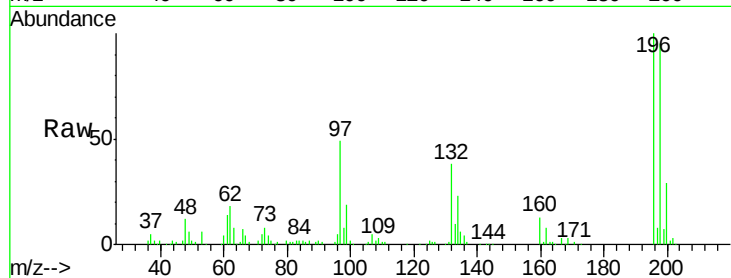




#43
 2,4,6-Trichlorophenol
 Concen: 42.29 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

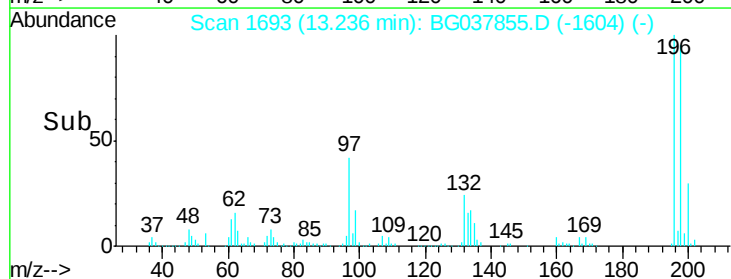
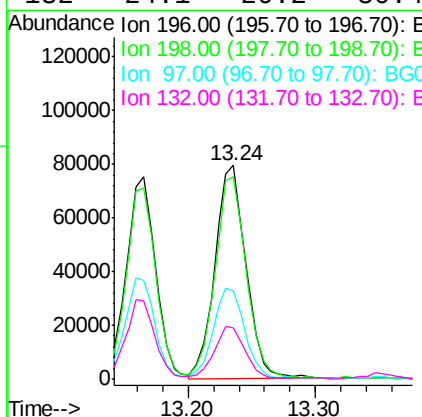
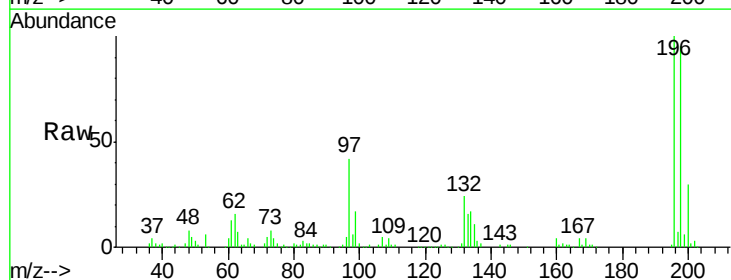
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 122098
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.4 114.6
 200 28.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.04 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion:196 Resp: 135290
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.2 111.2
 97 41.6 34.1 51.1
 132 24.1 20.2 30.4

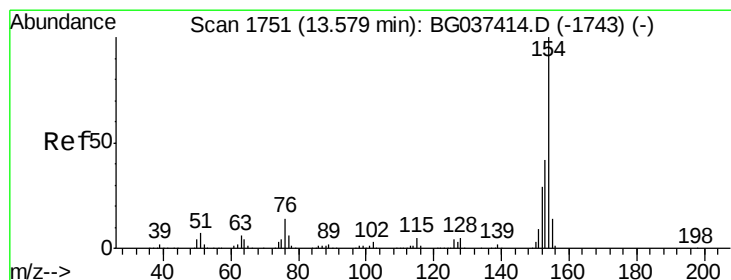
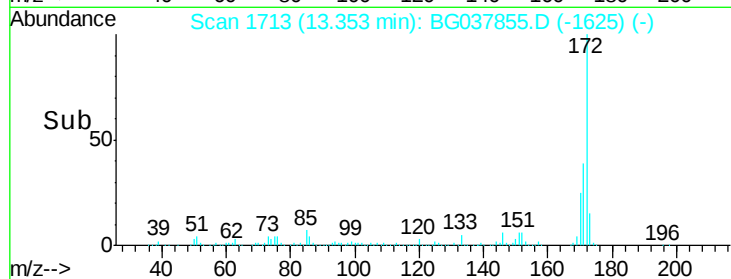
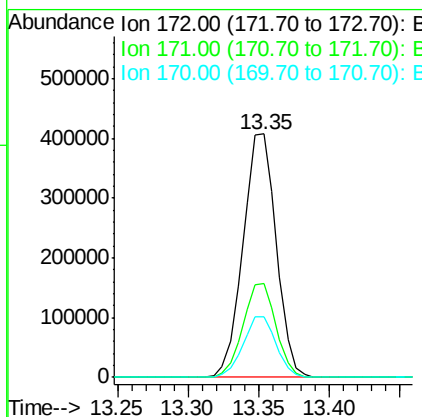
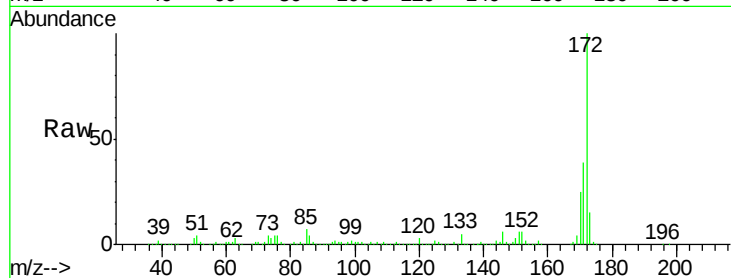




#45
 2-Fluorobiphenyl
 Concen: 75.70 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

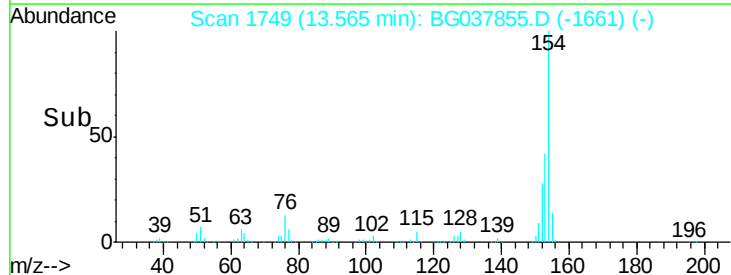
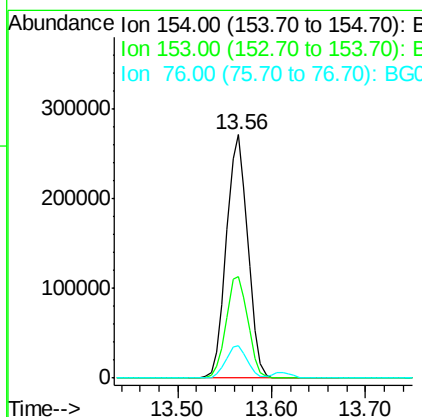
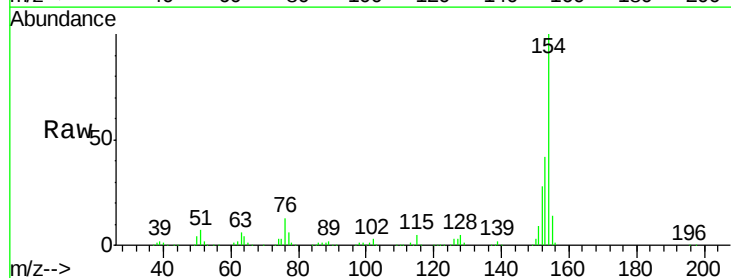
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.0	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 38.64 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	13.2	0.0	33.2

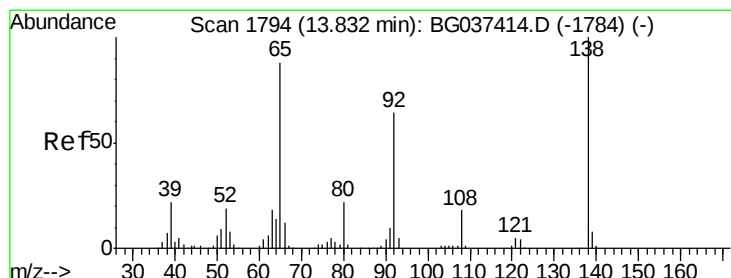
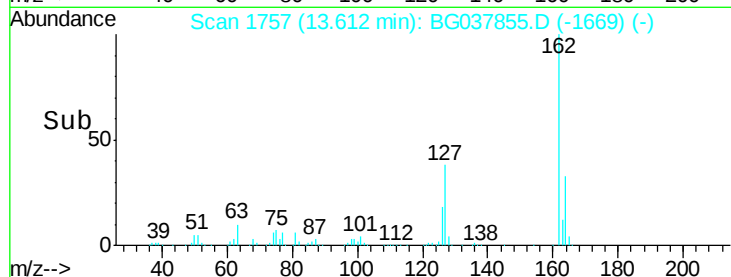
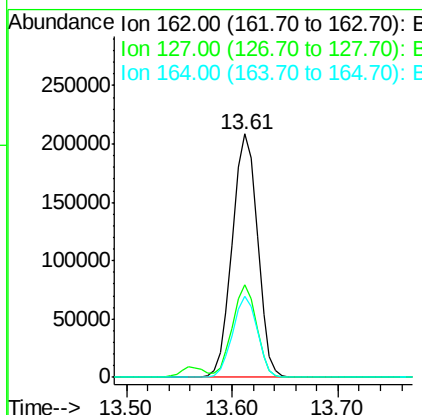
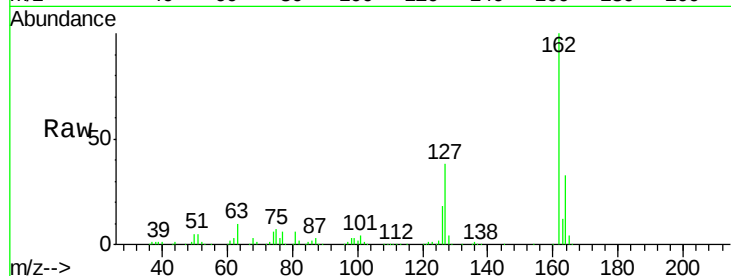




#47
2-Chloronaphthalene
Concen: 41.01 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

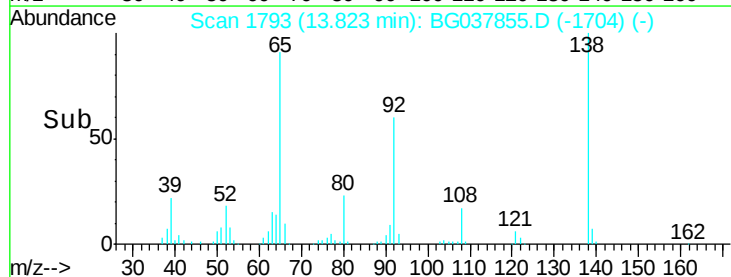
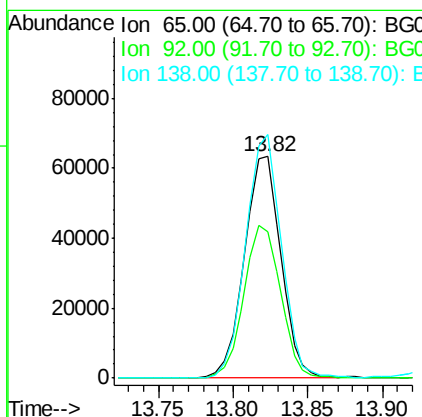
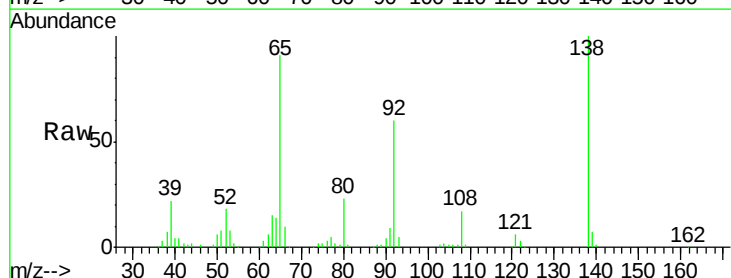
Instrument :
BNA_G
ClientSampleId :

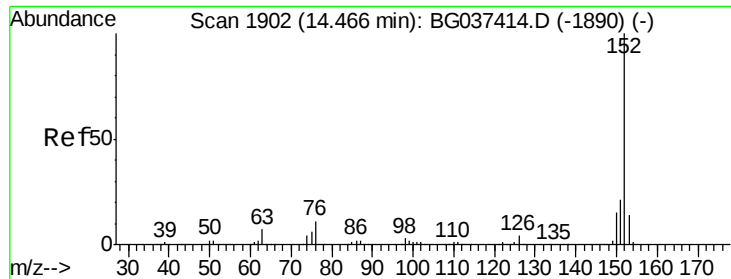
Tot Ion:162 Resp: 344229
Ion Ratio Lower Upper
162 100
127 38.0 30.5 45.7
164 33.3 26.4 39.6



#48
2-Nitroaniline
Concen: 42.25 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion: 65 Resp: 107559
Ion Ratio Lower Upper
65 100
92 66.0 53.2 79.8
138 109.8 79.3 118.9





#49

Acenaphthylene

Concen: 44.91 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

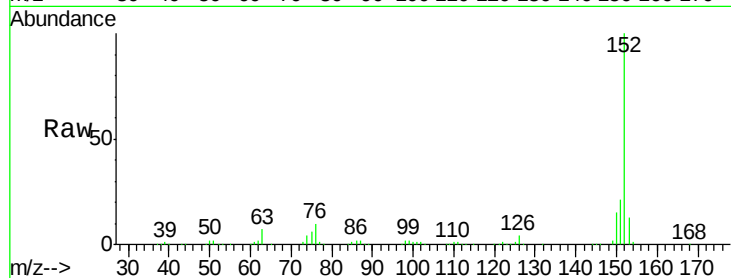
Tot Ion:152 Resp: 567062

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

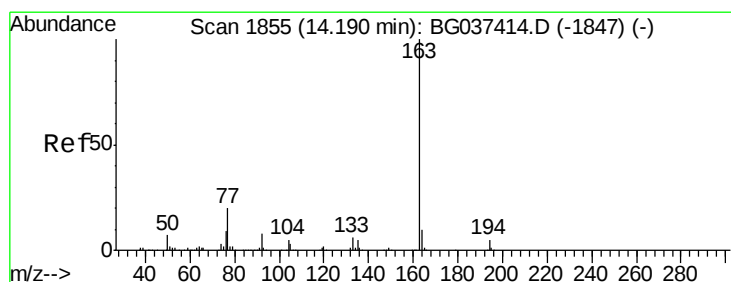
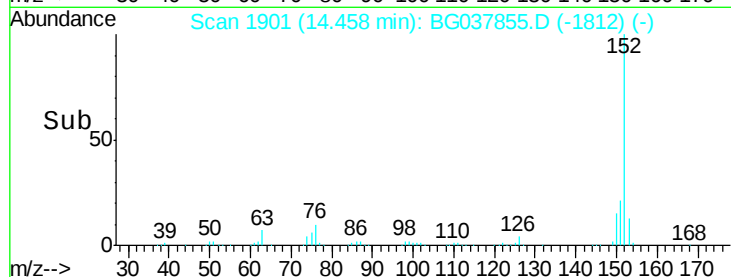
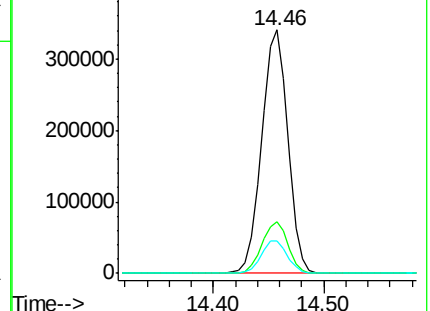
153 13.4 11.1 16.7



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: 41.31 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

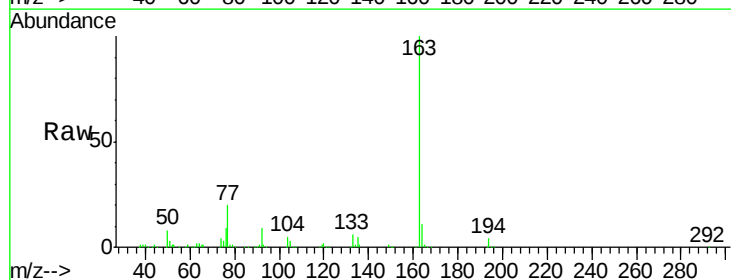
Tgt Ion:163 Resp: 428197

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

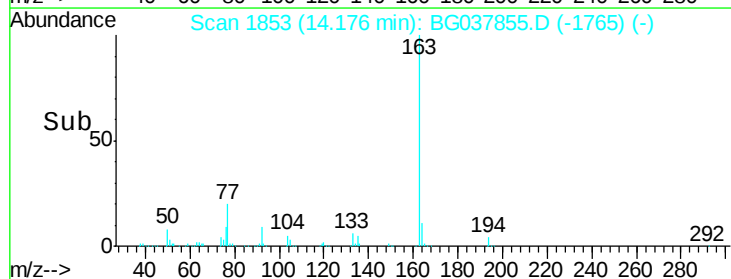
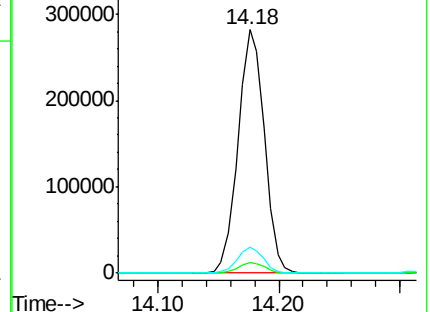
164 10.8 8.5 12.7

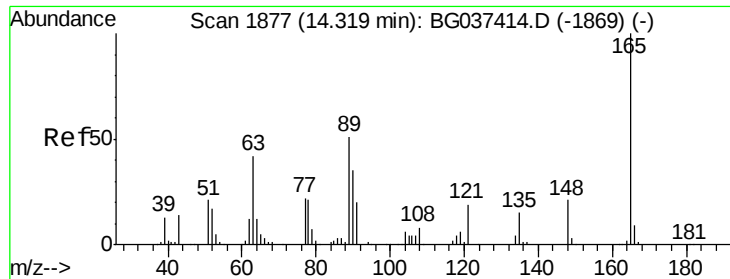


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

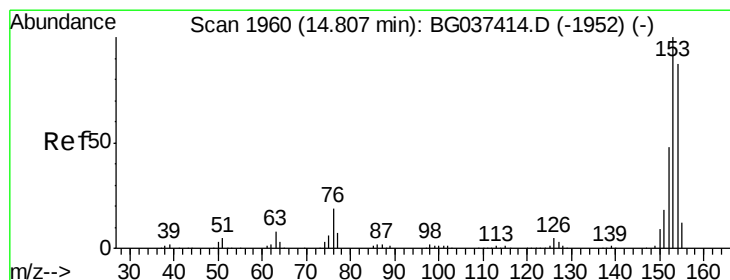
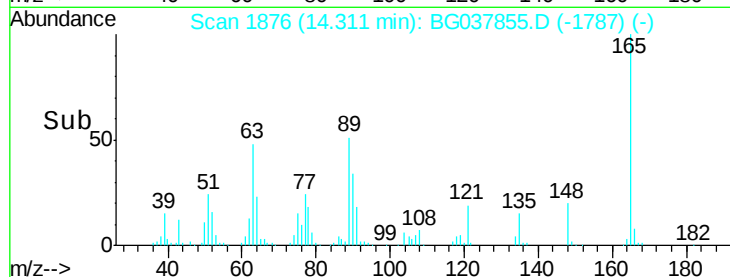
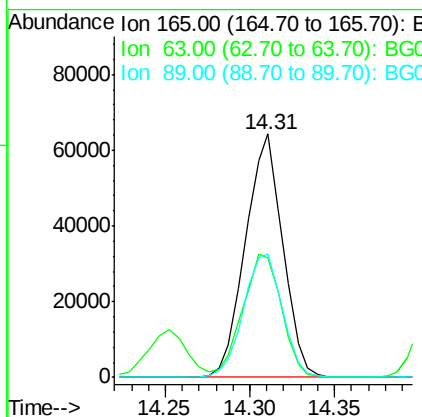
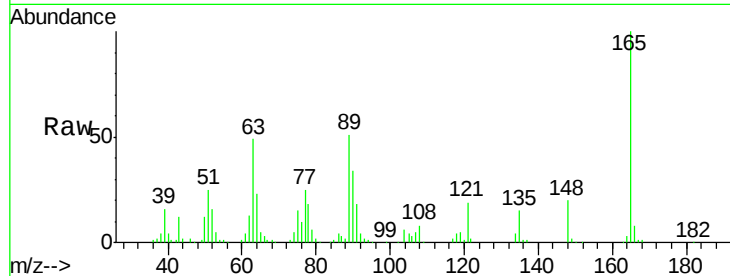




#51
 2,6-Dinitrotoluene
 Concen: 43.07 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

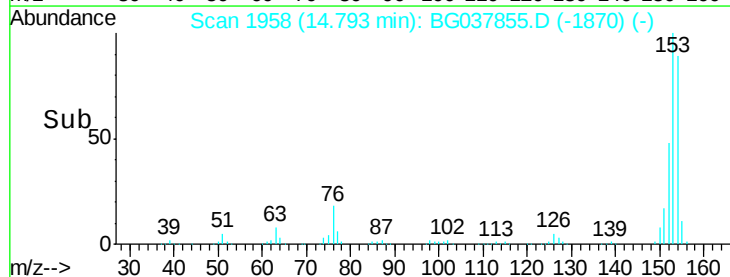
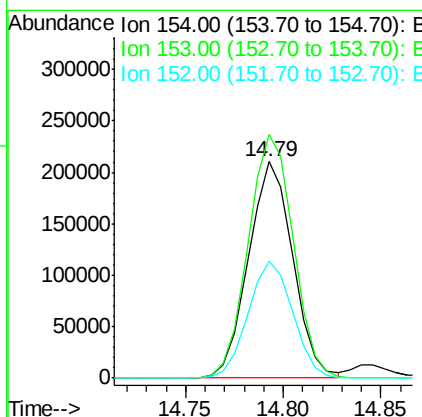
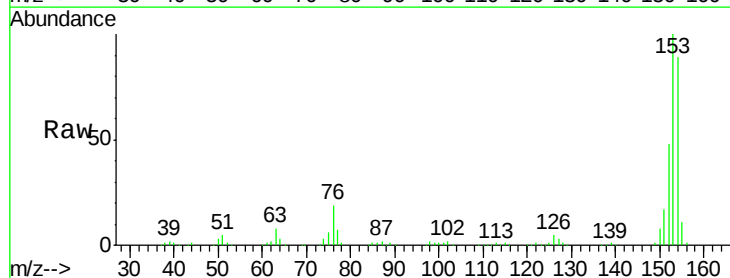
Instrument :
 BNA_G
 ClientSampled :

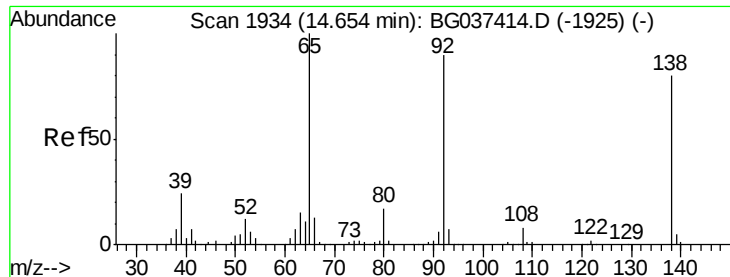
Tot Ion:165 Resp: 98762
 Ion Ratio Lower Upper
 165 100
 63 48.8 43.4 65.2
 89 50.5 45.8 68.6



#52
 Acenaphthene
 Concen: 42.61 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion:154 Resp: 331349
 Ion Ratio Lower Upper
 154 100
 153 112.5 93.4 140.0
 152 54.3 44.7 67.1





#53

3-Nitroaniline

Concen: 17.09 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

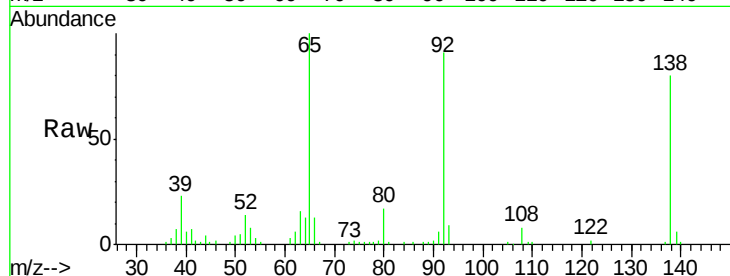
Tot Ion:138 Resp: 43490

Ion Ratio Lower Upper

138 100

108 10.4 11.0 16.6#

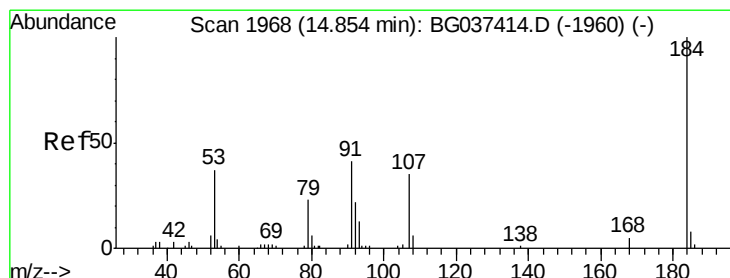
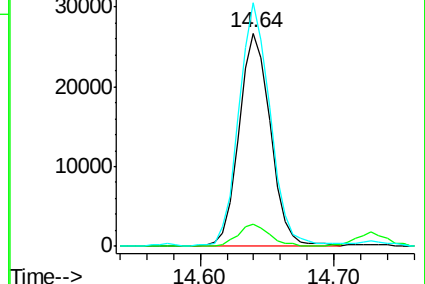
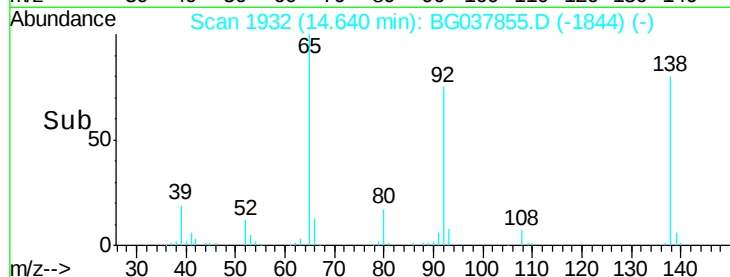
92 114.4 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 54.06 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

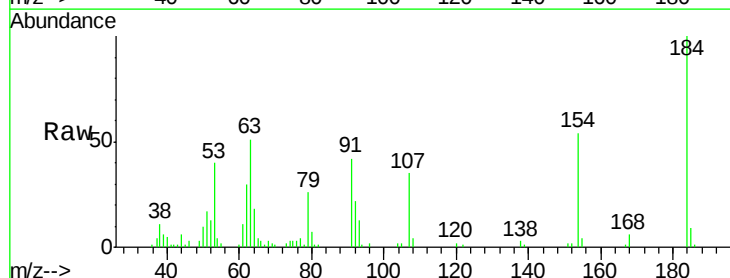
Tgt Ion:184 Resp: 42933

Ion Ratio Lower Upper

184 100

63 50.8 42.6 63.8

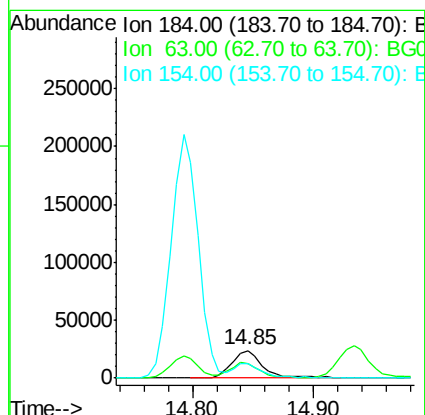
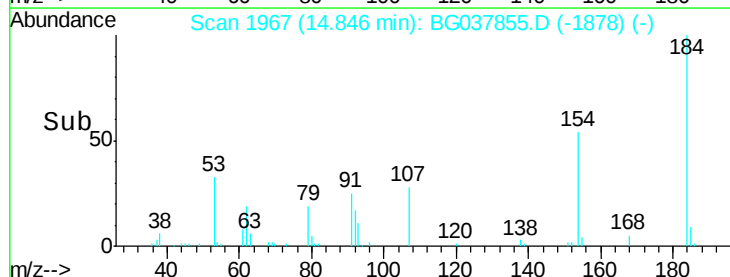
154 53.6 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

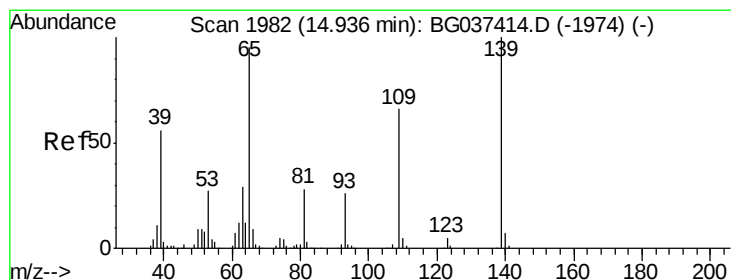
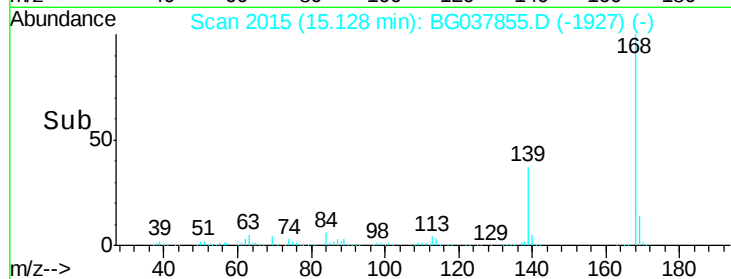
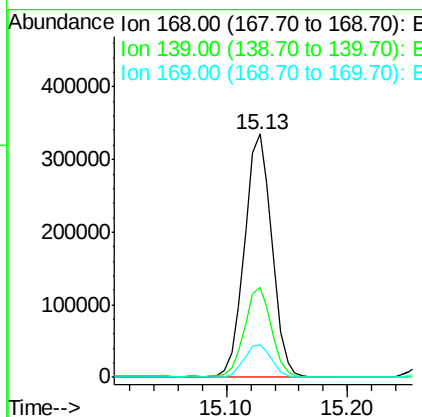
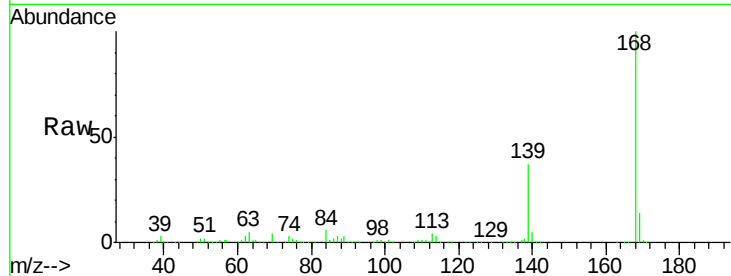




#55
Dibenzofuran
Concen: 41.22 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

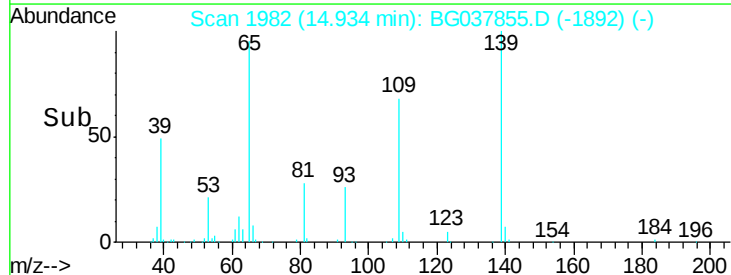
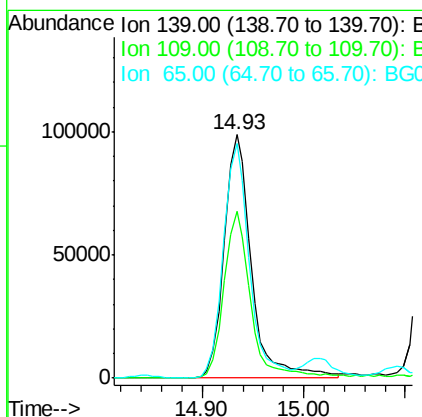
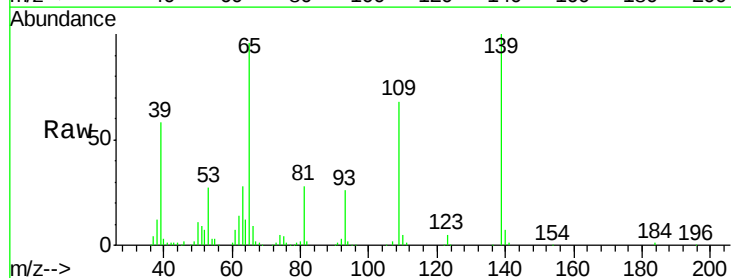
Instrument :
BNA_G
ClientSampleId :

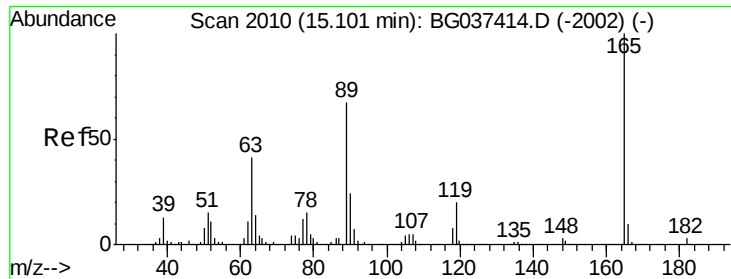
Tot Ion:168 Resp: 531117
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 98.22 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion:139 Resp: 185060
Ion Ratio Lower Upper
139 100
109 68.4 49.5 89.5
65 96.2 76.8 116.8

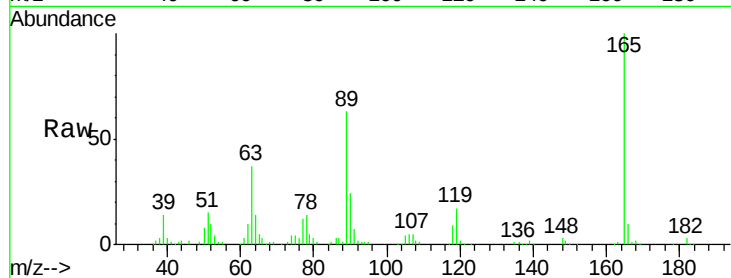




#57
2,4-Dinitrotoluene
Concen: 45.76 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.4	33.4	50.0
89	63.3	57.2	85.8
182	3.2	2.6	4.0

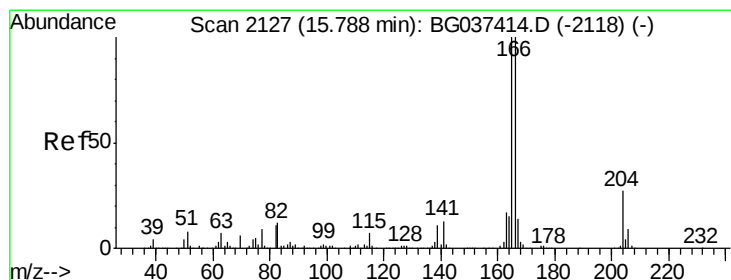
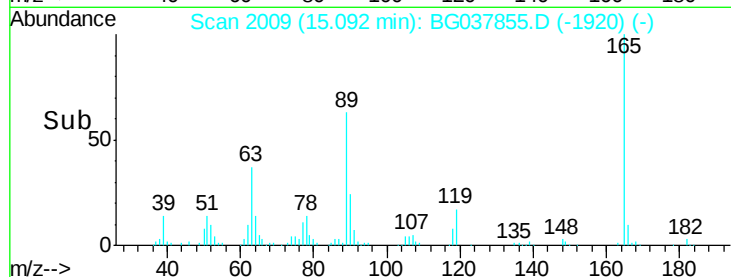
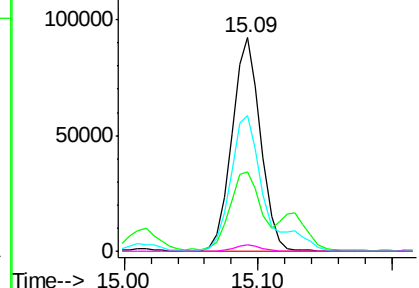


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

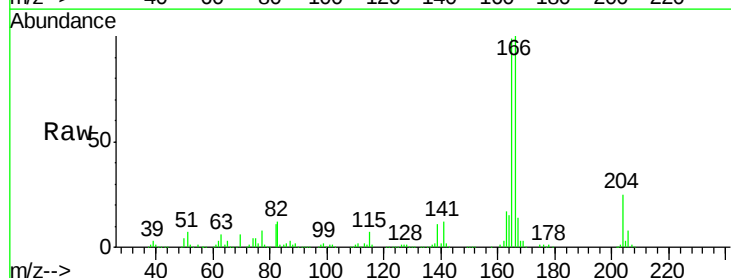
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.30 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

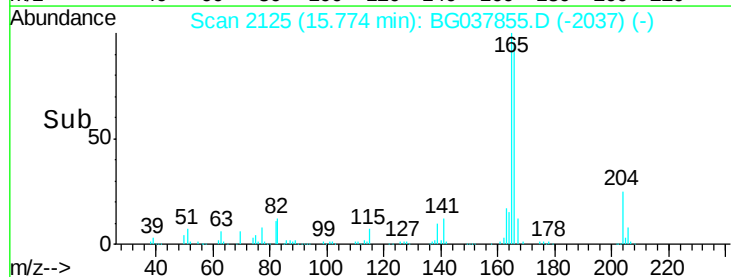
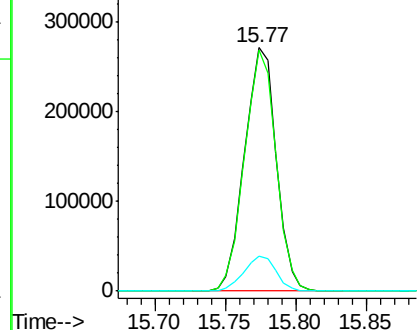
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.6
167	14.1	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

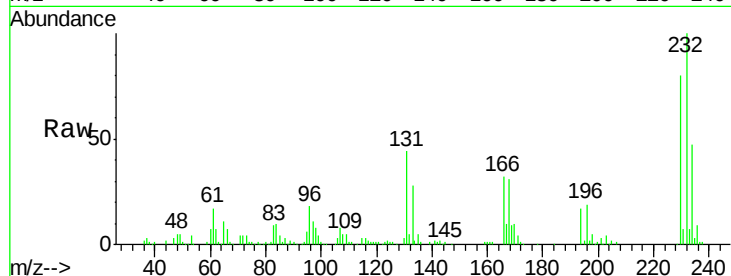




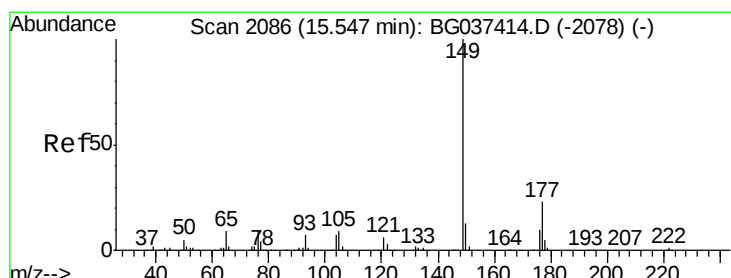
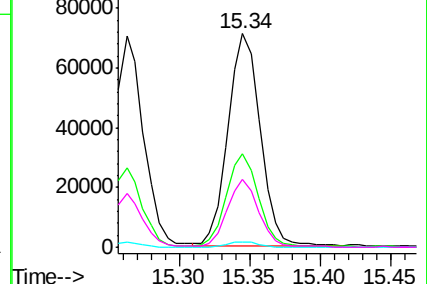
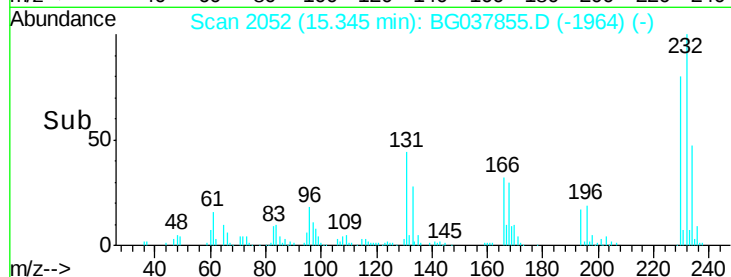
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.16 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 113459
Ion Ratio Lower Upper
232 100
131 43.4 33.7 50.5
130 2.4 2.1 3.1
166 31.2 24.6 36.8

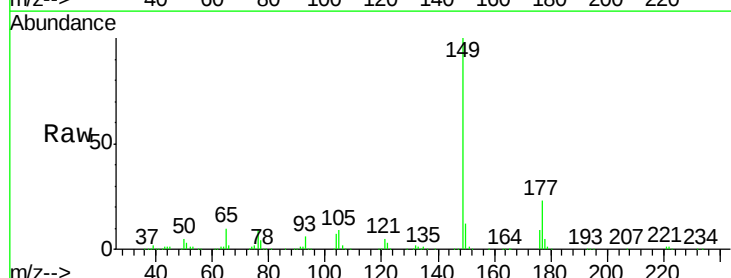


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

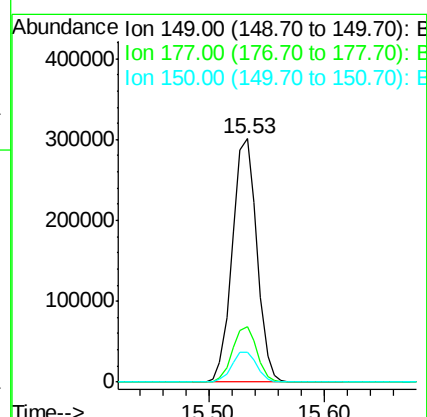
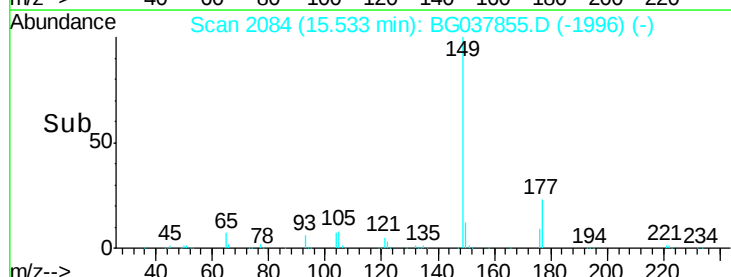


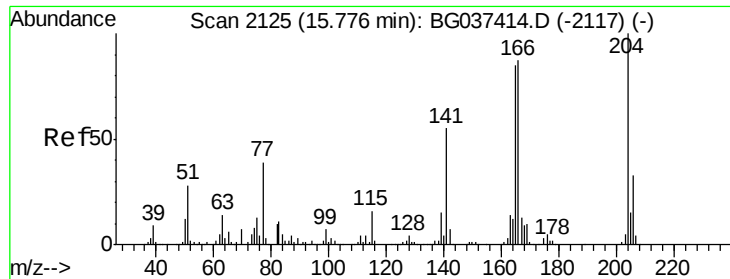
#60
Diethylphthalate
Concen: 41.60 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion:149 Resp: 442689
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.4 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

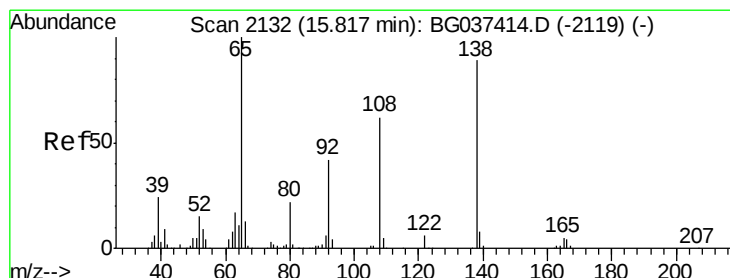
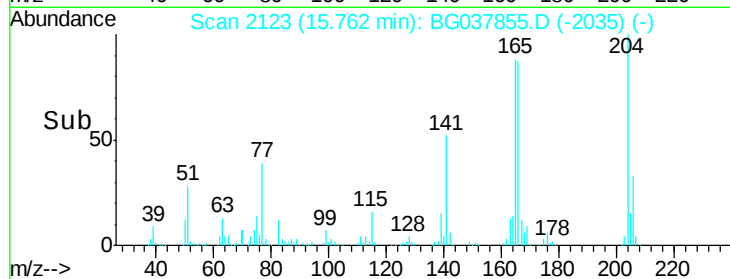
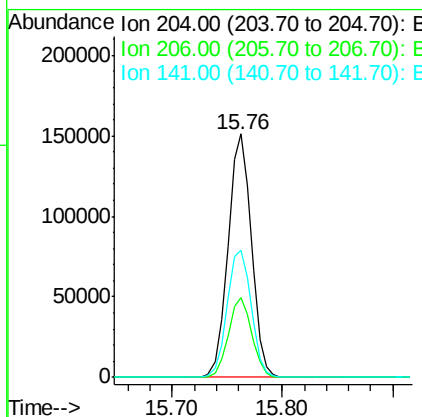
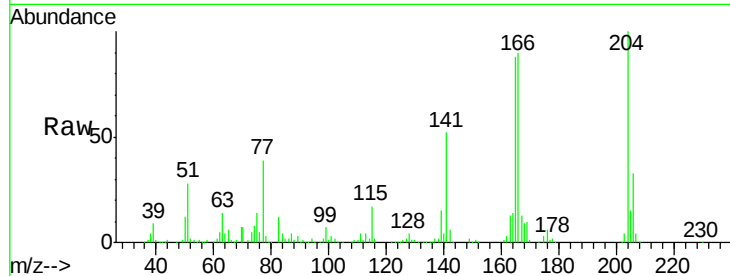




#61
4-Chlorophenyl-phenylether
Concen: 39.83 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

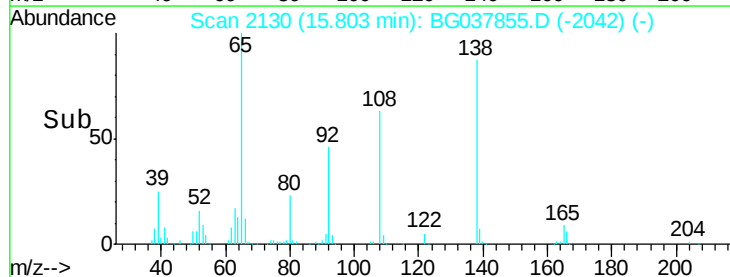
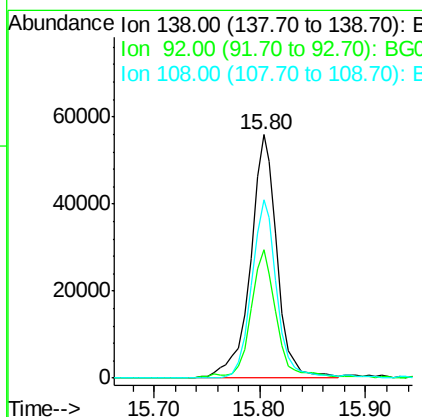
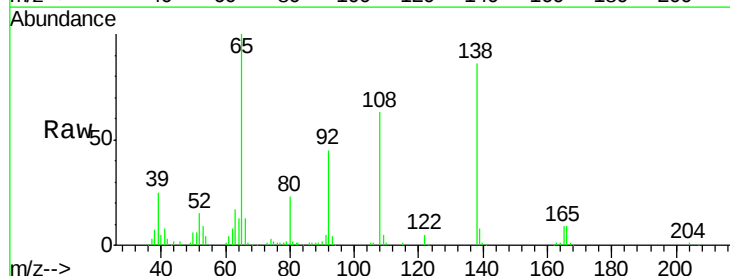
Instrument :
BNA_G
ClientSampleId :

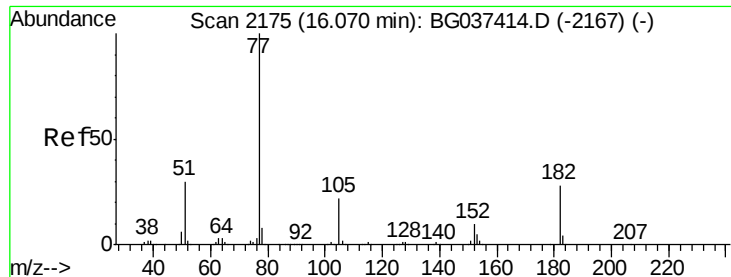
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	52.3	45.4	68.2



#62
4-Nitroaniline
Concen: 38.92 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	36.4	76.4
108	73.0	60.1	100.1





#63

Azobenzene

Concen: 41.21 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 418391

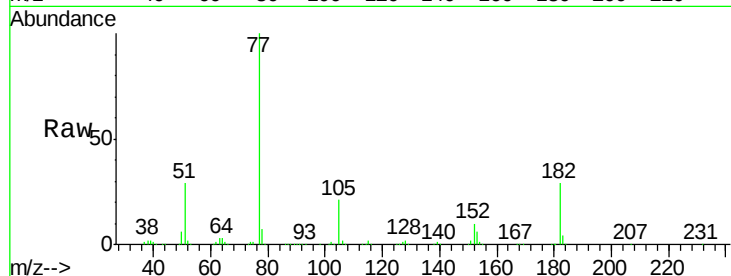
Ion Ratio Lower Upper

77 100

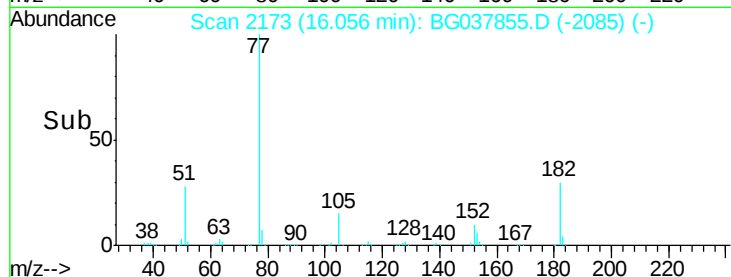
182 29.3 8.0 48.0

105 21.3 1.3 41.3

51 28.9 10.7 50.7



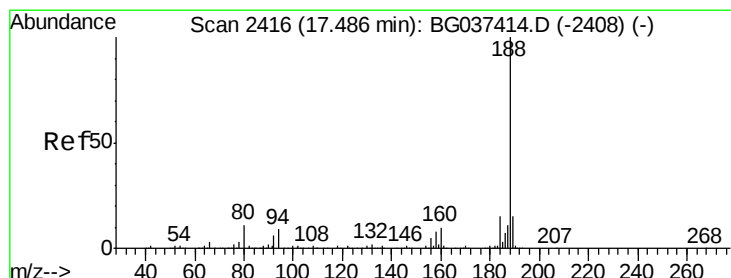
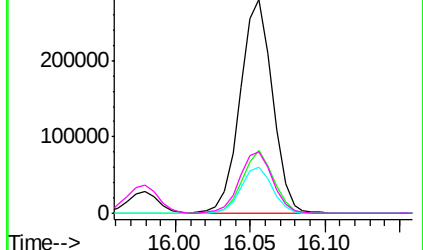
Abundance Ion 77.00 (76.70 to 77.70): BG037855.D (-2085) (-)



Ion 182.00 (181.70 to 182.70): BG037855.D (-2085) (-)

Ion 105.00 (104.70 to 105.70): BG037855.D (-2085) (-)

Ion 51.00 (50.70 to 51.70): BG037855.D (-2085) (-)



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

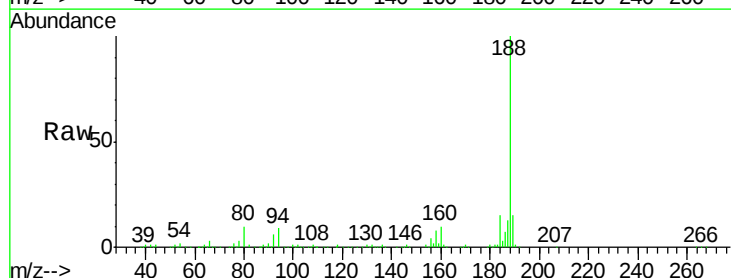
Tgt Ion: 188 Resp: 314014

Ion Ratio Lower Upper

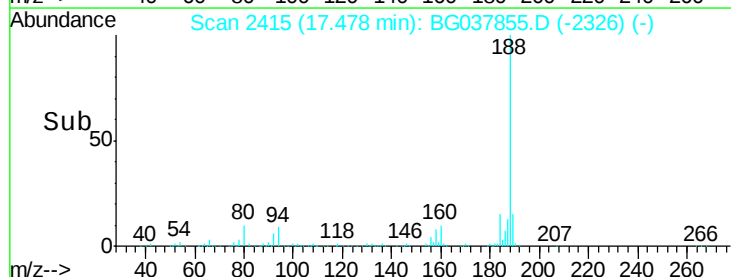
188 100

94 8.8 7.2 10.8

80 10.1 7.7 11.5

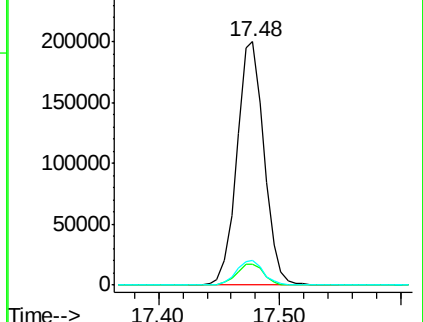


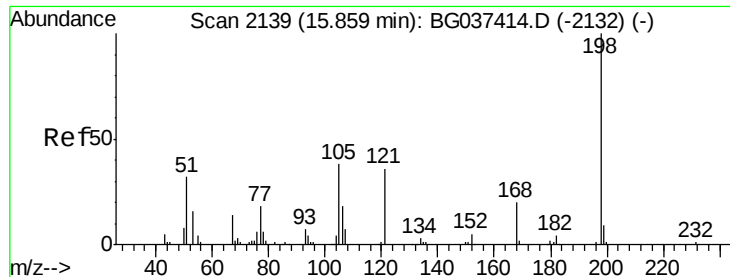
Abundance Ion 188.00 (187.70 to 188.70): BG037855.D (-2326) (-)



Ion 94.00 (93.70 to 94.70): BG037855.D (-2326) (-)

Ion 80.00 (79.70 to 80.70): BG037855.D (-2326) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 34.75 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampled :

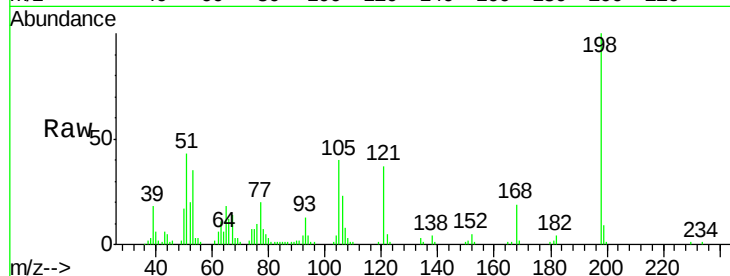
Tot Ion:198 Resp: 52552

Ion Ratio Lower Upper

198 100

51 43.2 22.7 62.7

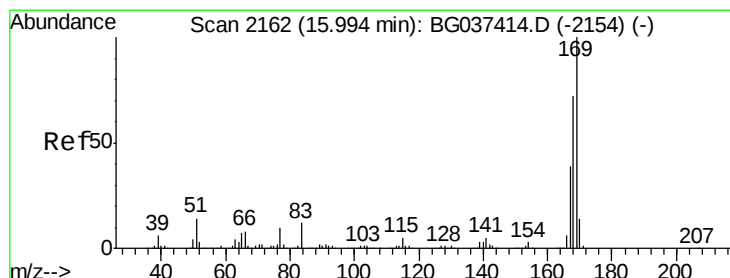
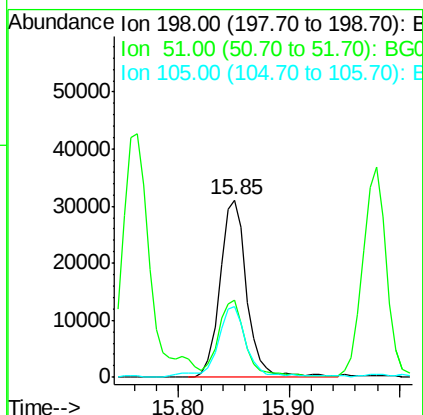
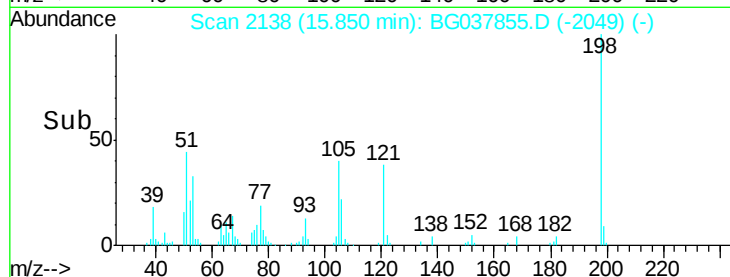
105 39.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037855.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.80 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

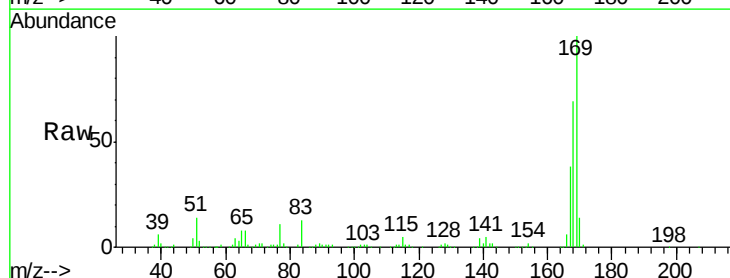
Tgt Ion:169 Resp: 385384

Ion Ratio Lower Upper

169 100

168 68.7 55.7 83.5

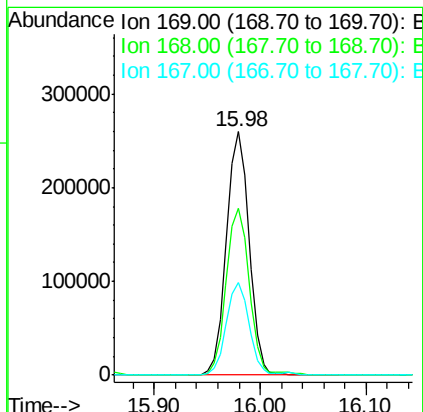
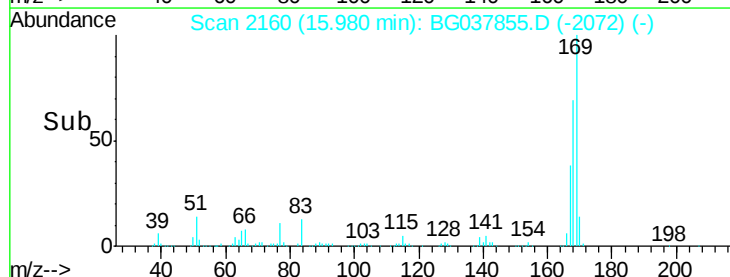
167 37.9 31.3 46.9

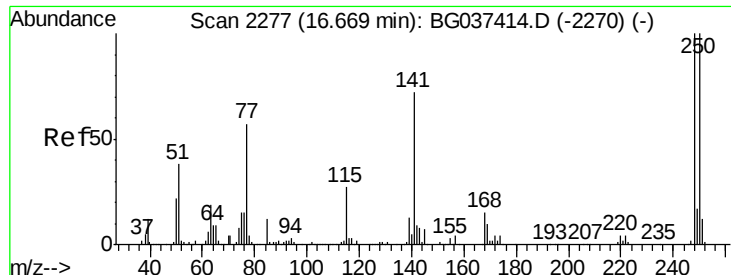


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

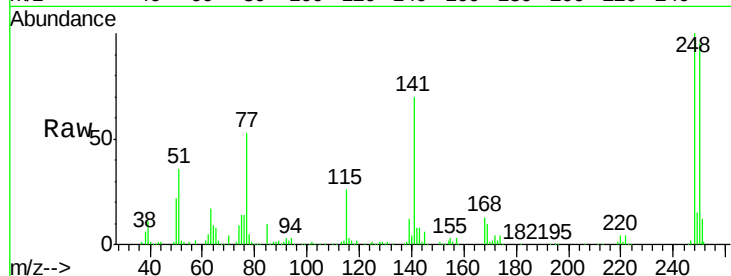




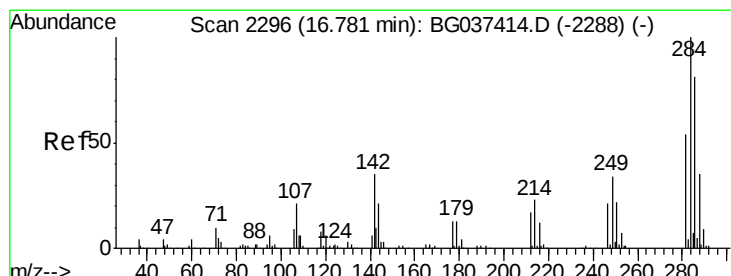
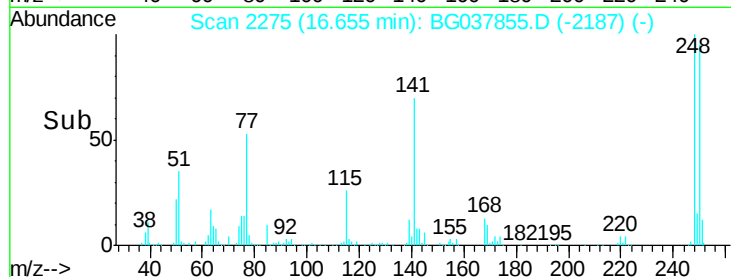
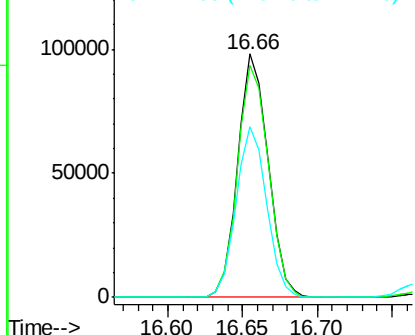
#67
 4-Bromophenyl-phenylether
 Concen: 40.23 ng
 RT: 16.66 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 138743
 Ion Ratio Lower Upper
 248 100
 250 95.1 77.0 115.6
 141 69.8 55.5 83.3

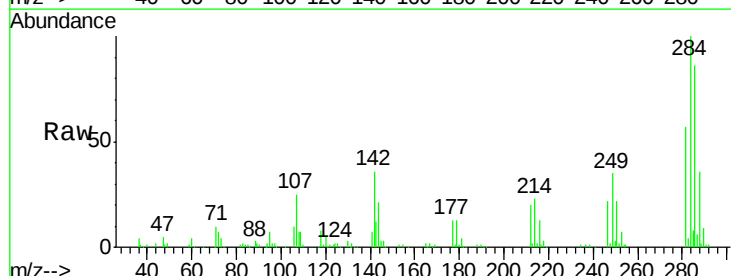


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

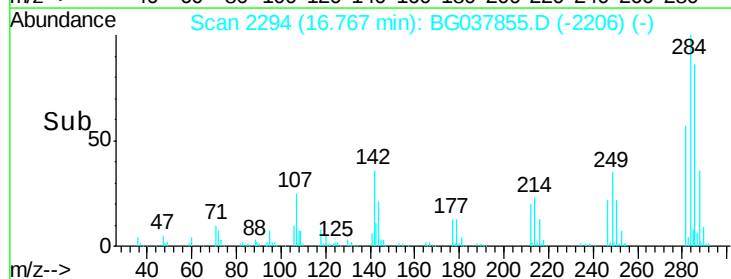
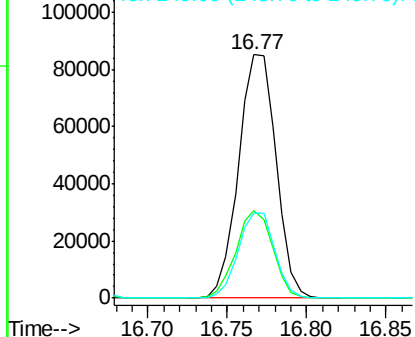


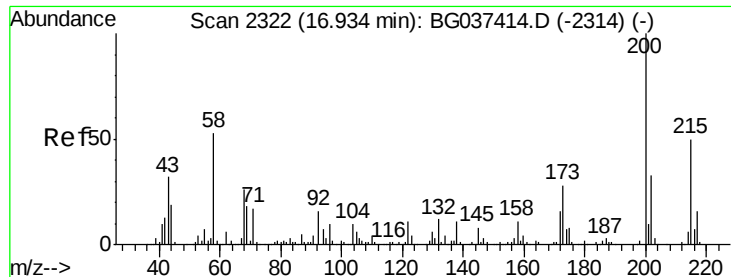
#68
 Hexachlorobenzene
 Concen: 39.11 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion:284 Resp: 139787
 Ion Ratio Lower Upper
 284 100
 142 36.0 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: 41.30 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

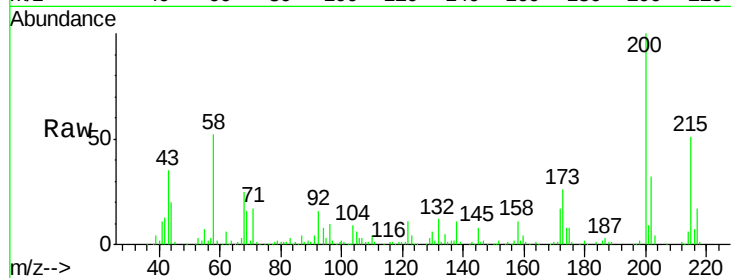
Tot Ion:200 Resp: 141057

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

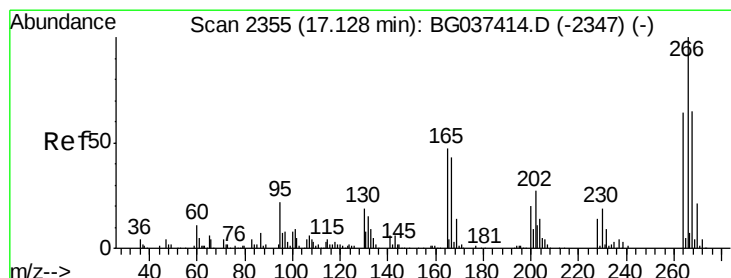
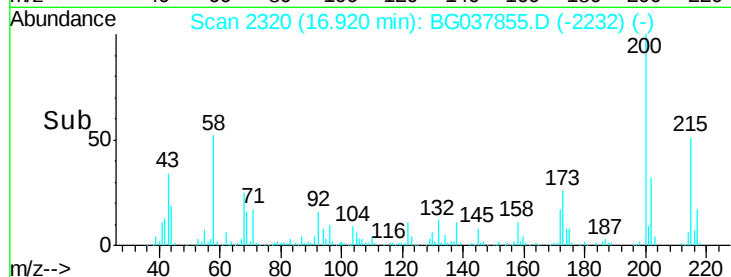
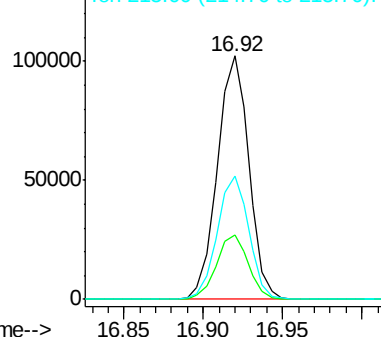
215 50.5 30.8 70.8



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: 57.93 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

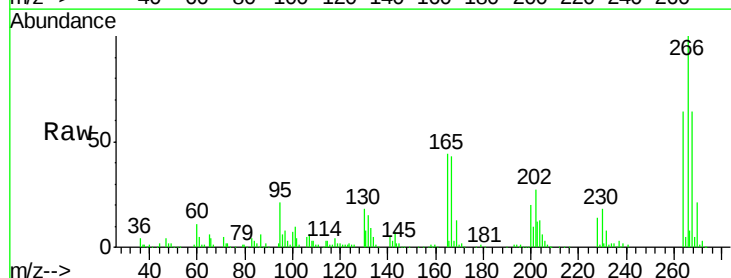
Tgt Ion:266 Resp: 138682

Ion Ratio Lower Upper

266 100

268 69.5 55.0 82.6

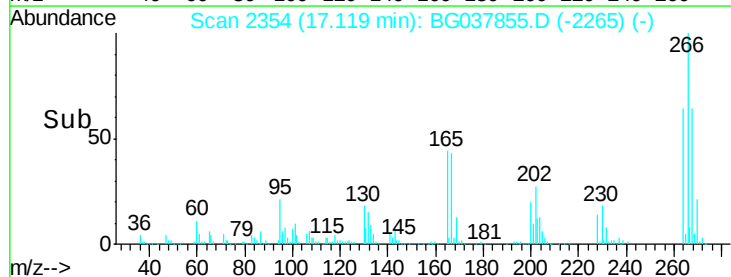
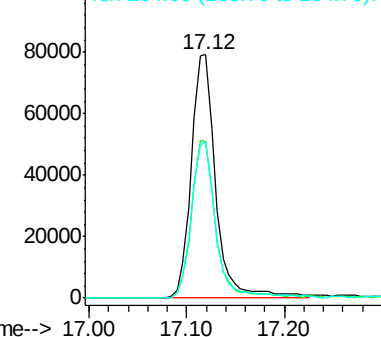
264 69.3 58.9 88.3



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

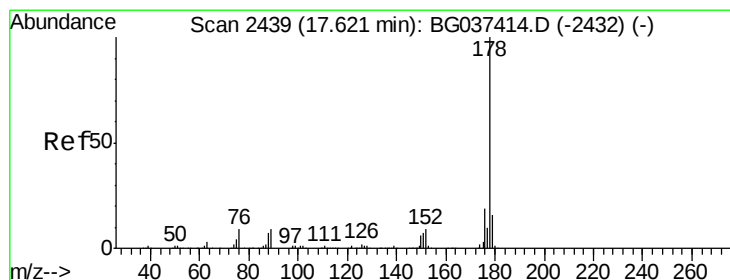
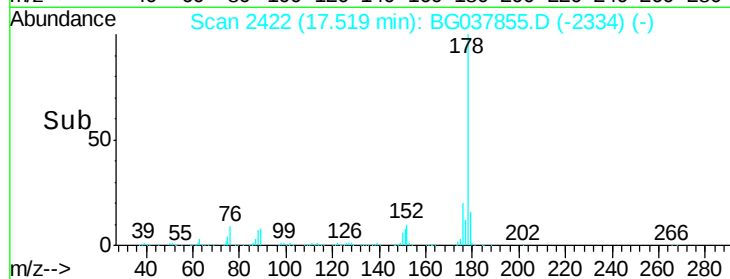
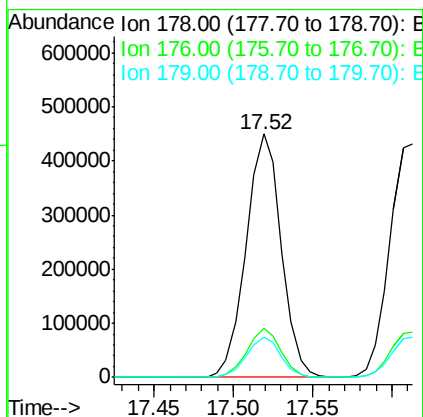
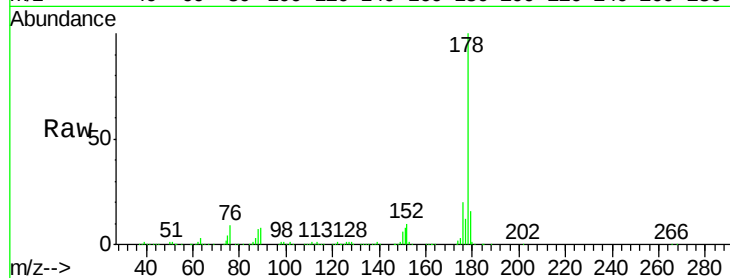




#71
Phenanthrene
Concen: 43.43 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

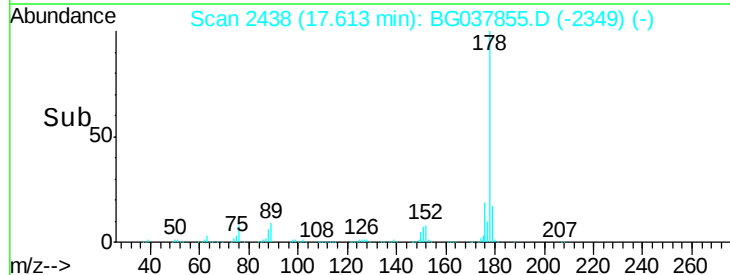
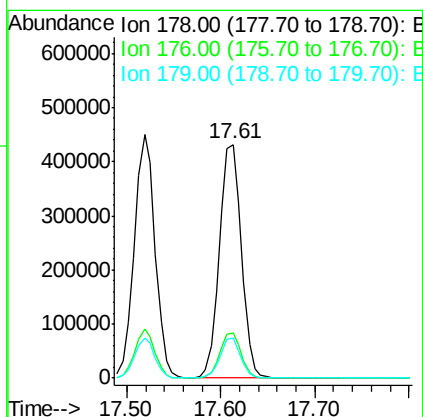
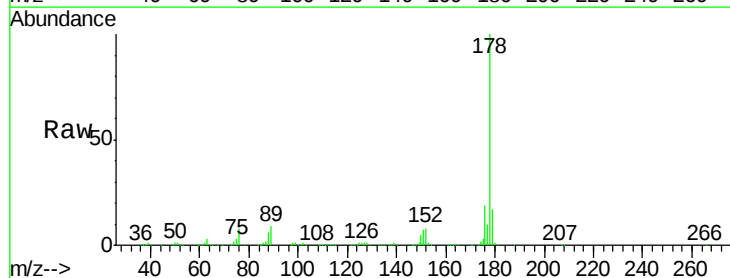
Instrument :
BNA_G
ClientSampleId :

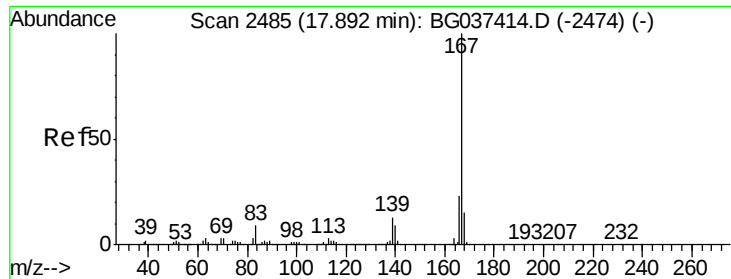
Tot Ion:178 Resp: 693052
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.4 13.0 19.4



#72
Anthracene
Concen: 45.12 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion:178 Resp: 706578
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 17.4 12.8 19.2

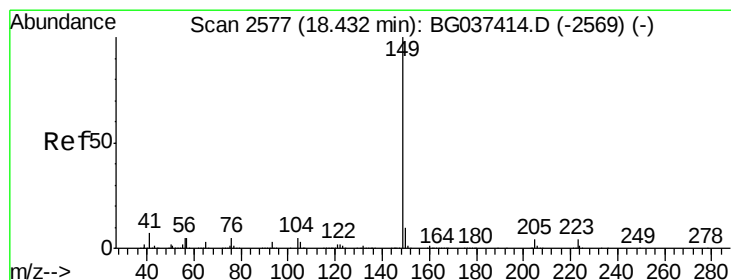
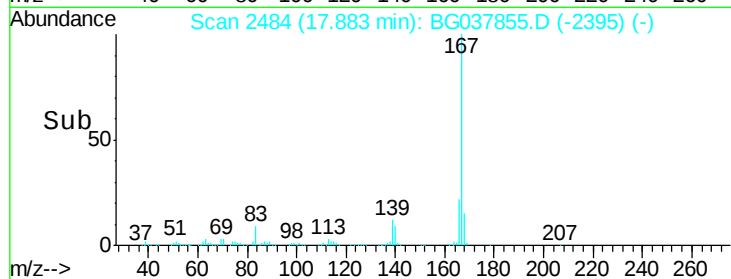
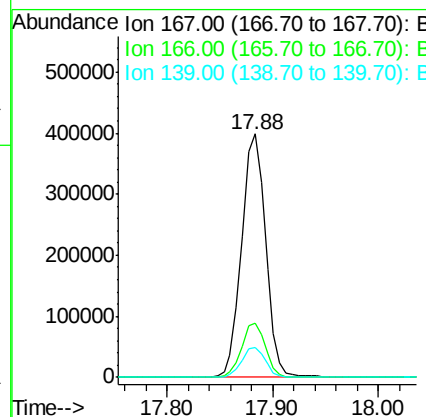
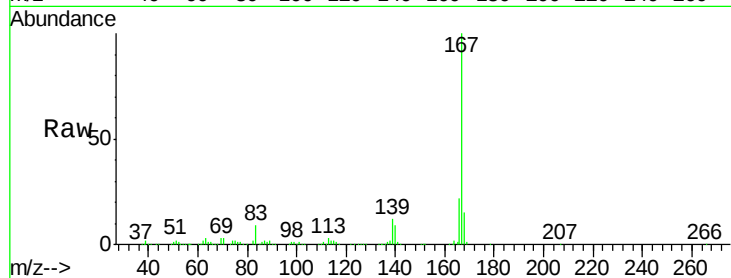




#73
 Carbazole
 Concen: 40.15 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

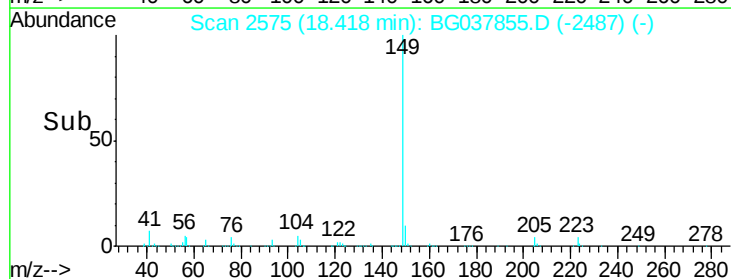
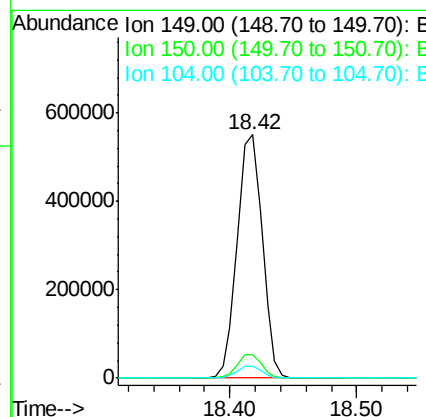
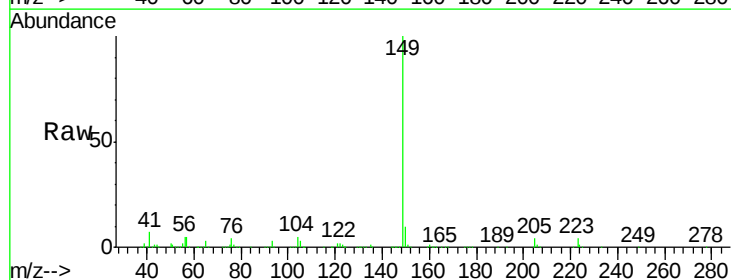
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.3	27.5
139	12.4	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 43.25 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 44.42 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

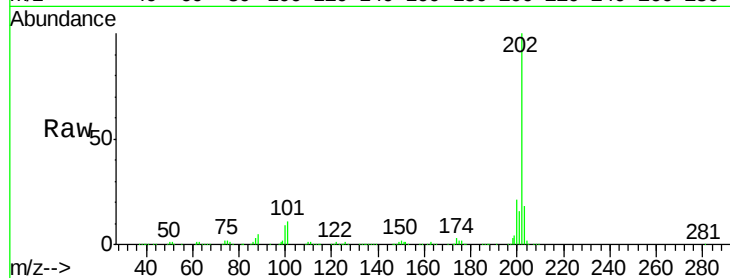
Tot Ion:202 Resp: 804095

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

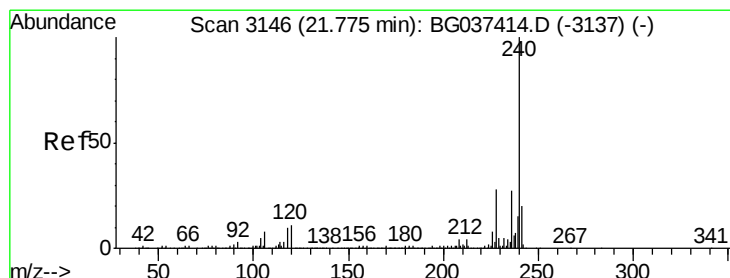
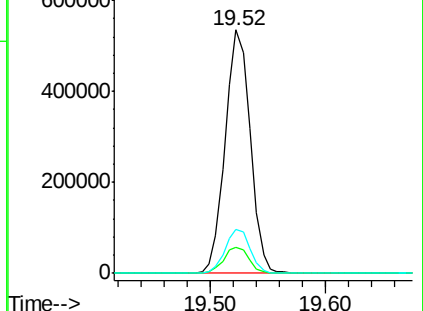
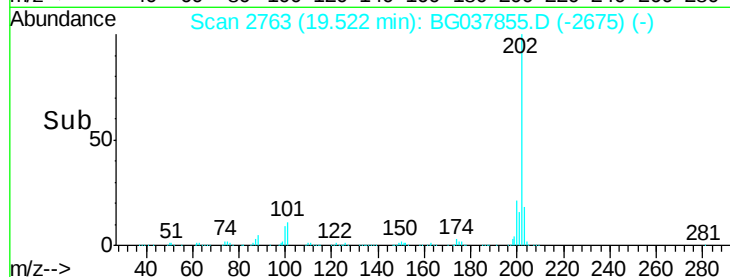
203 18.0 0.0 38.5



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: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

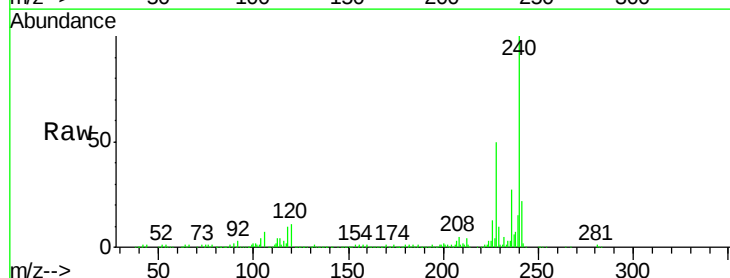
Tgt Ion:240 Resp: 284177

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

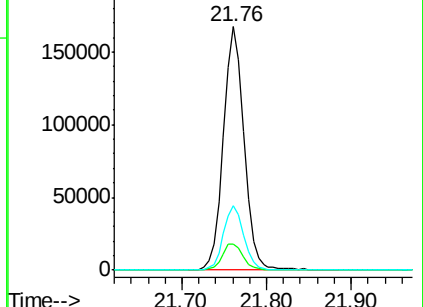
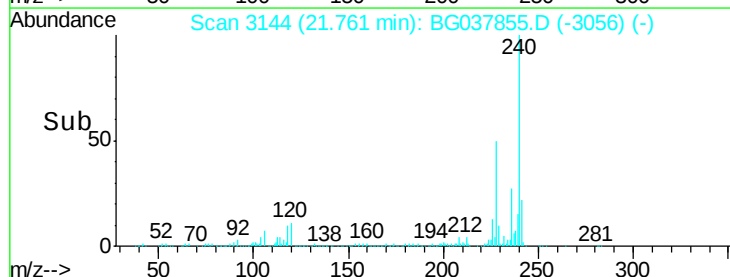
236 26.7 21.4 32.0

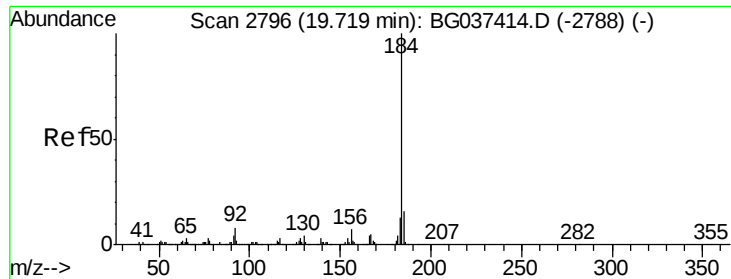


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.65 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

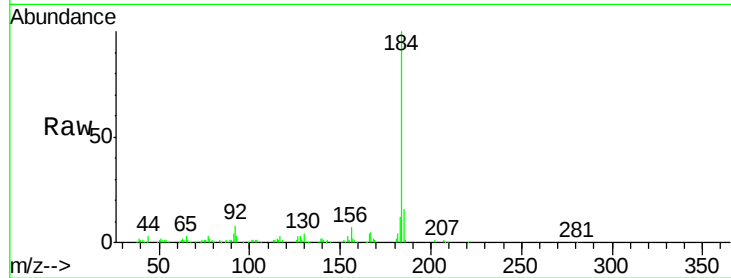
Tot Ion:184 Resp: 112604

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

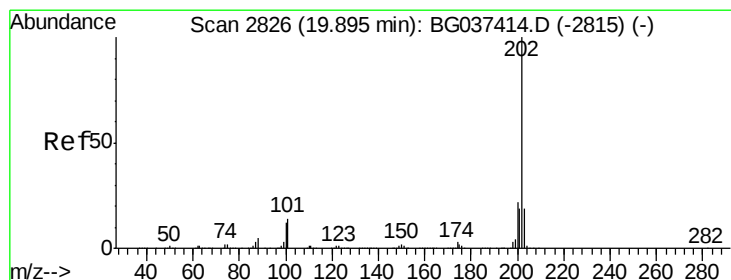
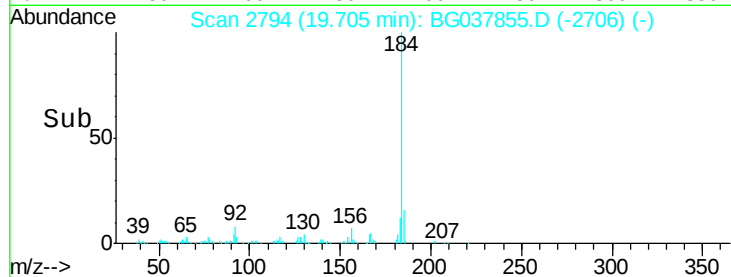
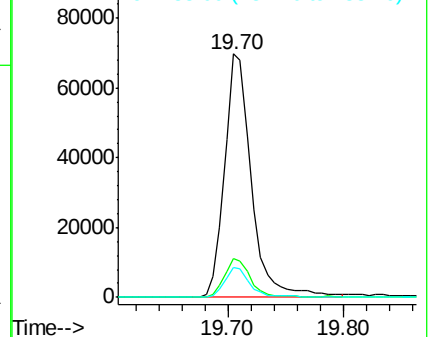
183 12.2 10.2 15.2



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: 43.03 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

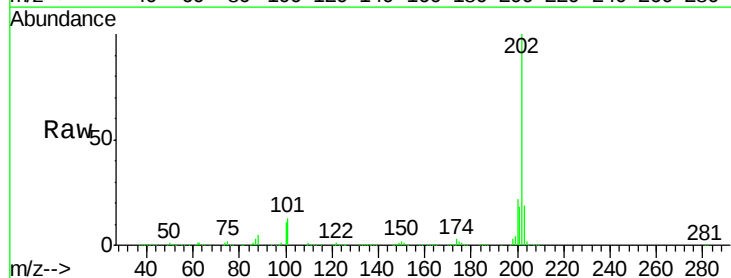
Tgt Ion:202 Resp: 799338

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

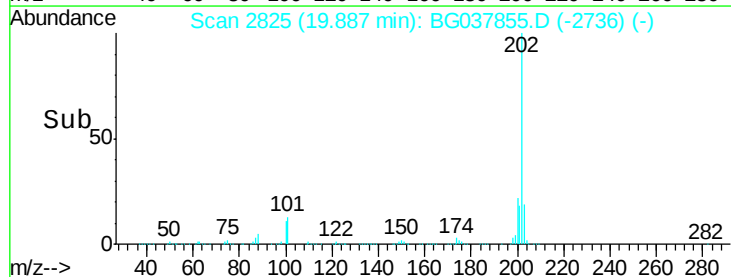
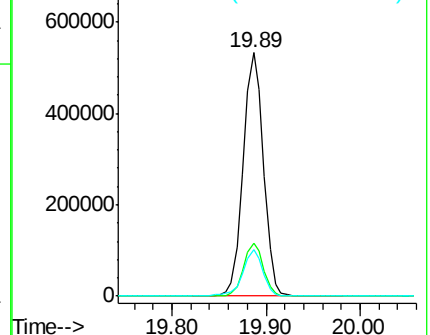
203 19.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.29 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampled :

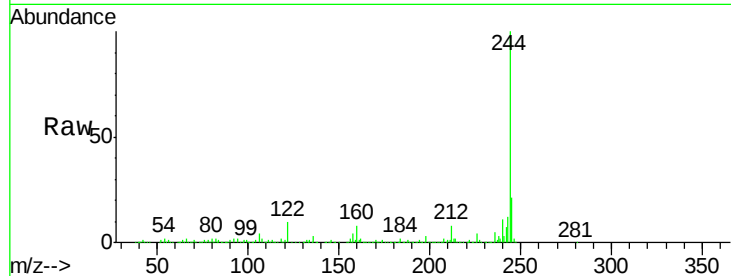
Tot Ion:244 Resp: 1001289

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

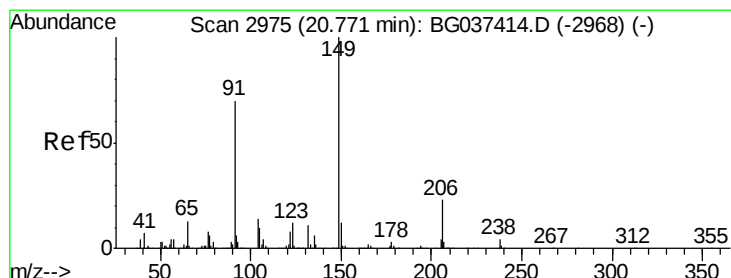
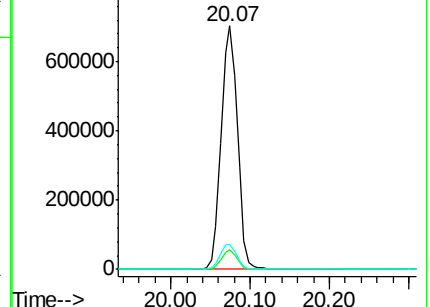
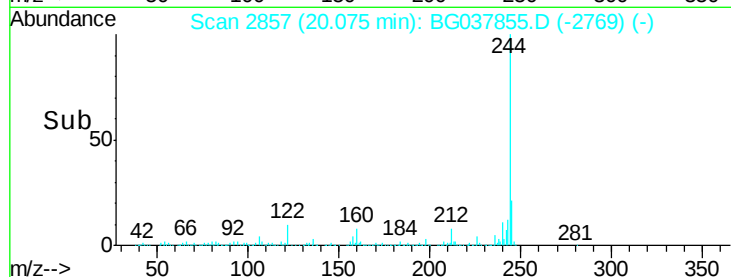
122 10.3 9.0 13.4



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: 44.12 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

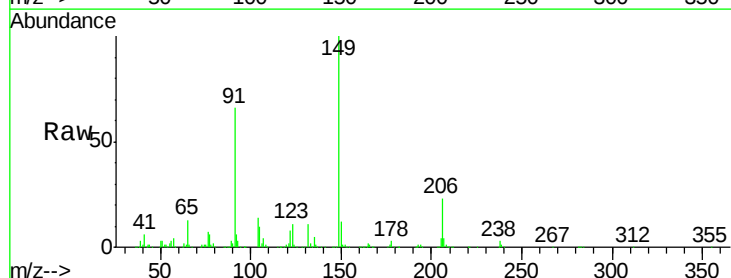
Tgt Ion:149 Resp: 335475

Ion Ratio Lower Upper

149 100

91 66.1 57.0 85.4

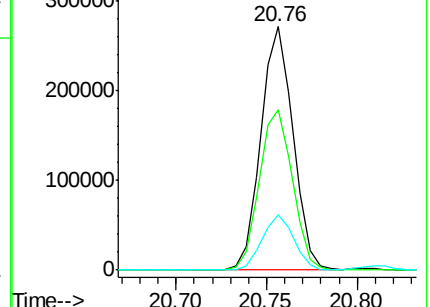
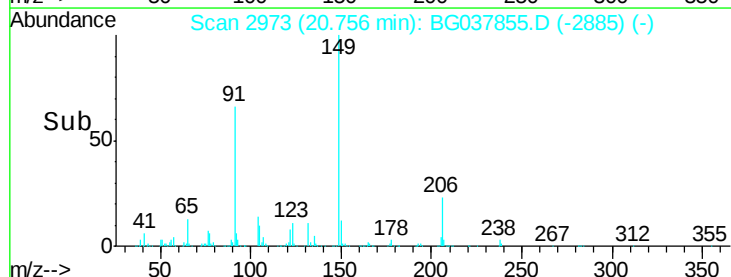
206 23.0 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.11 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampled :

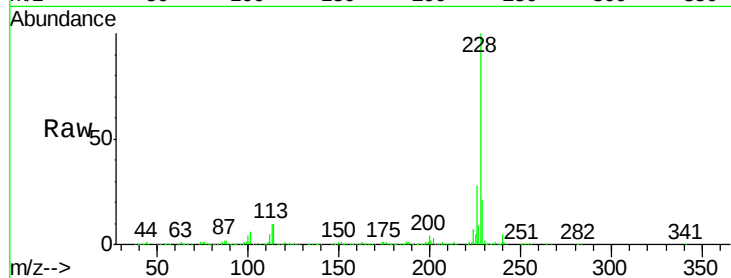
Tot Ion:228 Resp: 741416

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

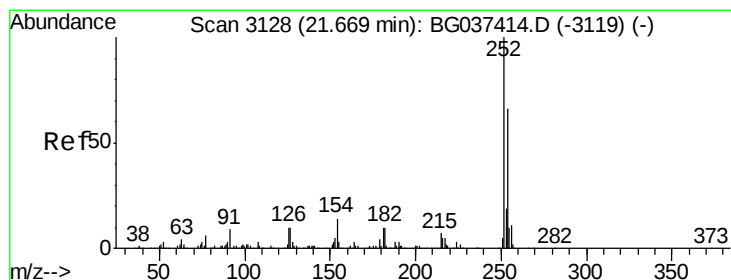
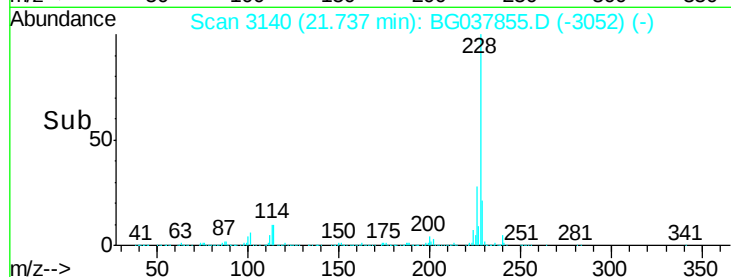
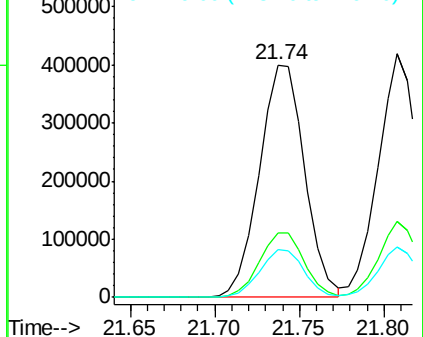
229 20.8 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 13.97 ng

RT: 21.66 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

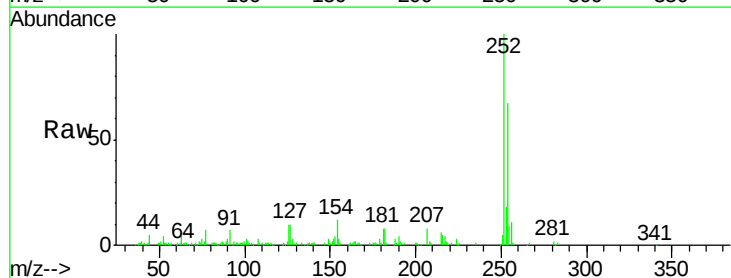
Tgt Ion:252 Resp: 90991

Ion Ratio Lower Upper

252 100

254 67.1 52.0 78.0

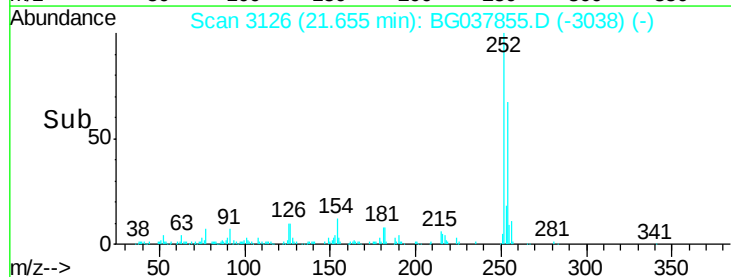
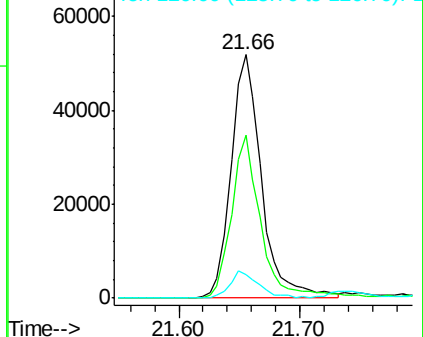
126 9.9 8.2 12.4

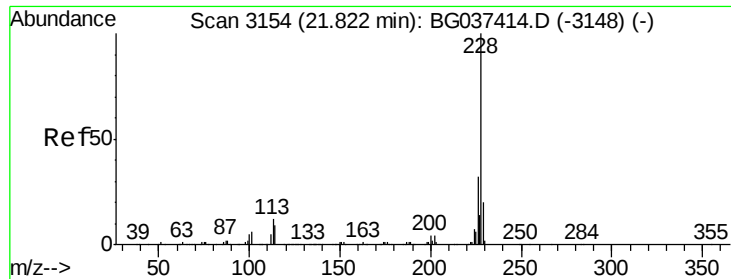


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.60 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

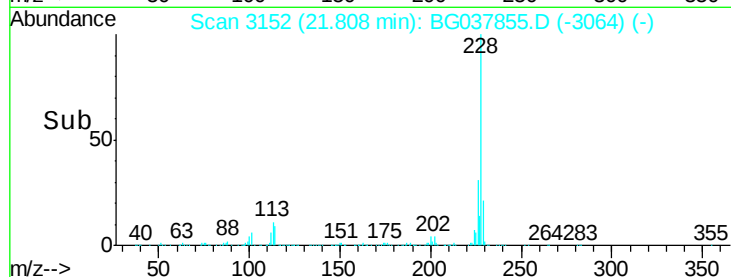
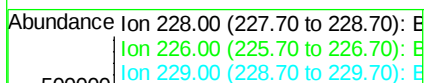
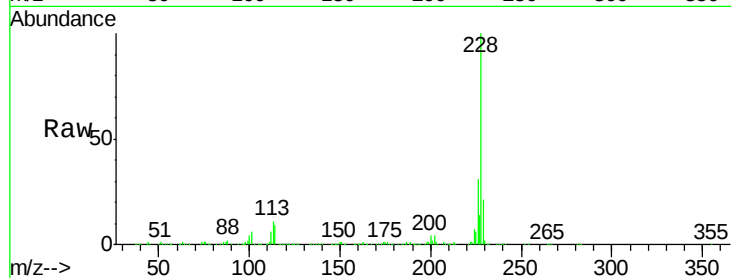
Instrument :

BNA_G

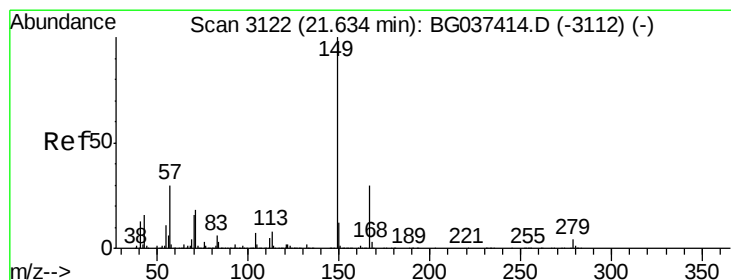
ClientSampled :

Tot Ion:228 Resp: 704734

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.8	16.5	24.7



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.91 ng

RT: 21.61 min Scan# 3118

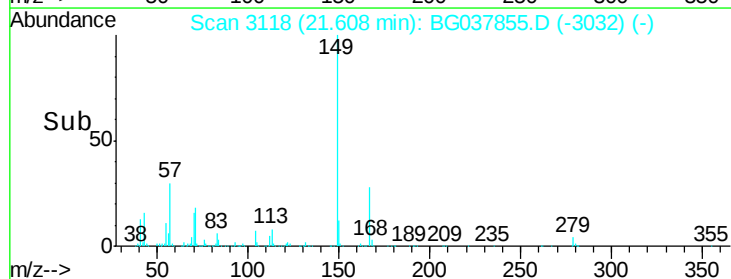
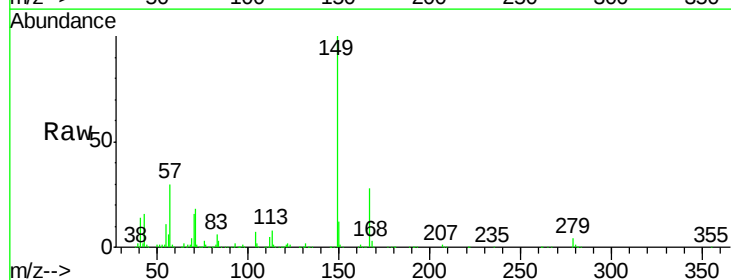
Delta R.T. -0.03 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion:149 Resp: 478653

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.4
279	4.1	3.6	5.4



Time-->



#85

Di-n-octyl phthalate

Concen: 46.29 ng

RT: 22.85 min Scan# 3330

Delta R.T. -0.03 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampled :

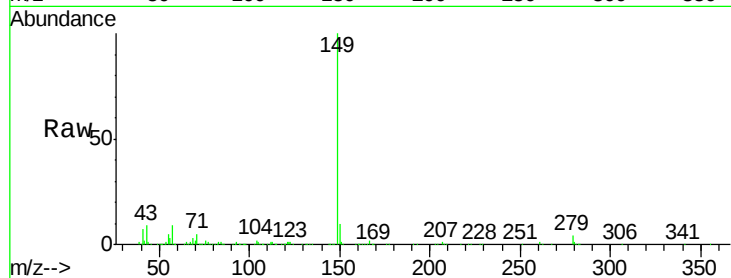
Tot Ion:149 Resp: 804442

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

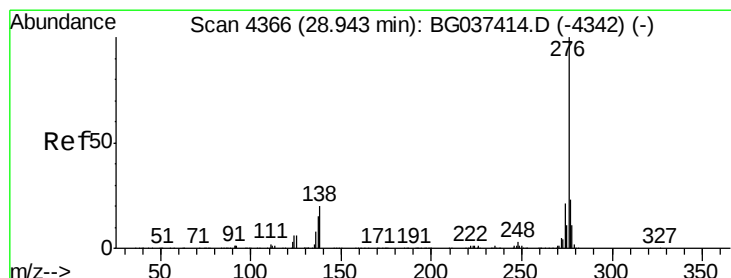
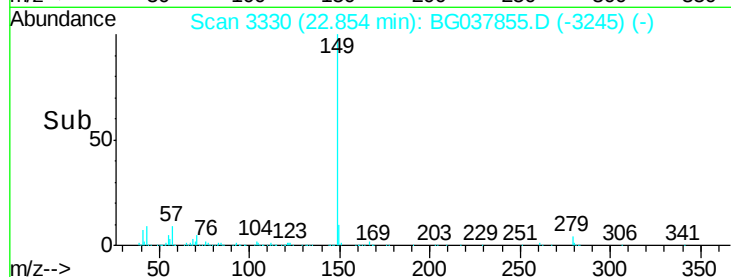
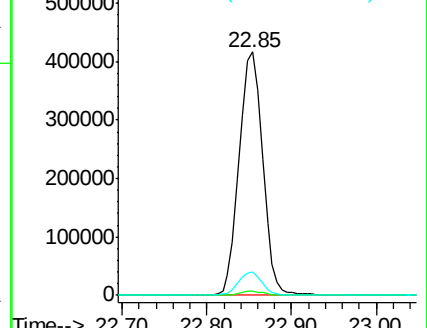
43 9.5 8.7 13.1



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: 35.53 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.04 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

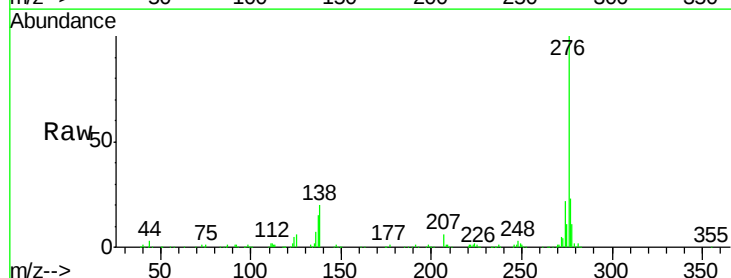
Tgt Ion:276 Resp: 615897

Ion Ratio Lower Upper

276 100

138 16.5 12.0 18.0

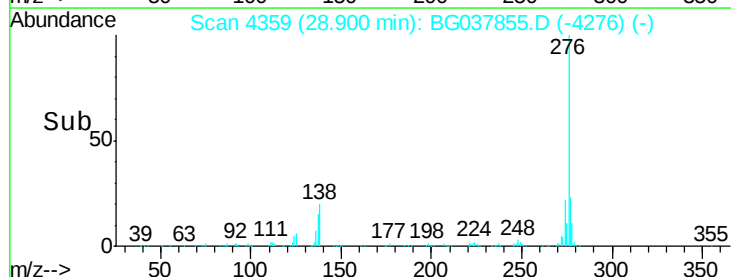
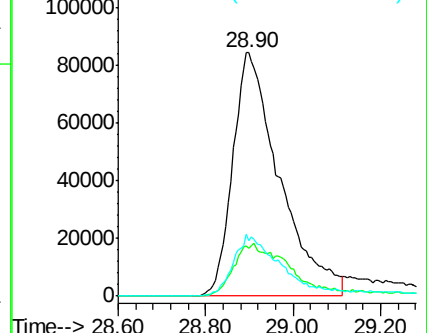
277 24.9 20.6 30.8

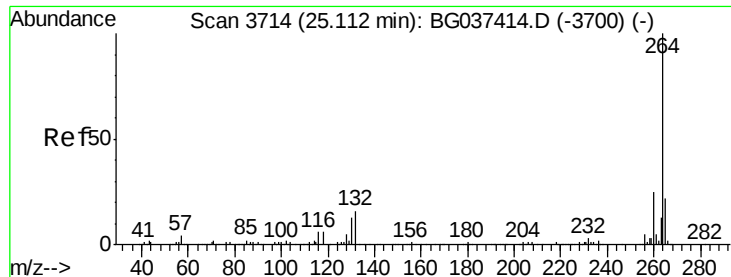


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



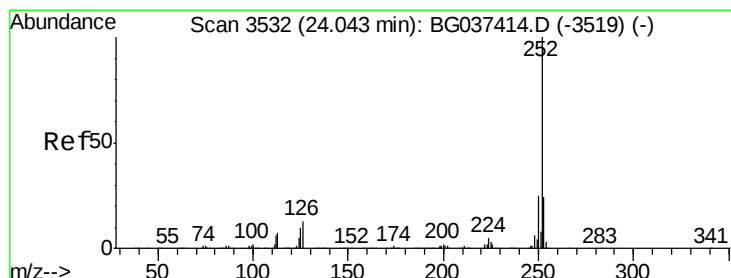
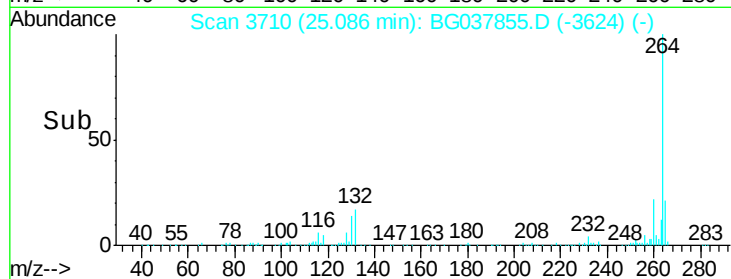
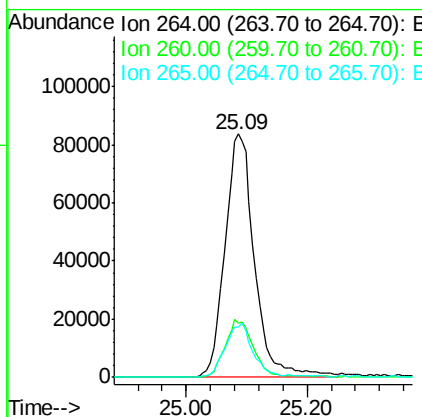
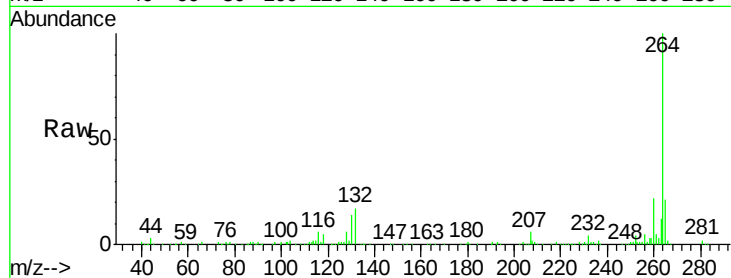


#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 283550

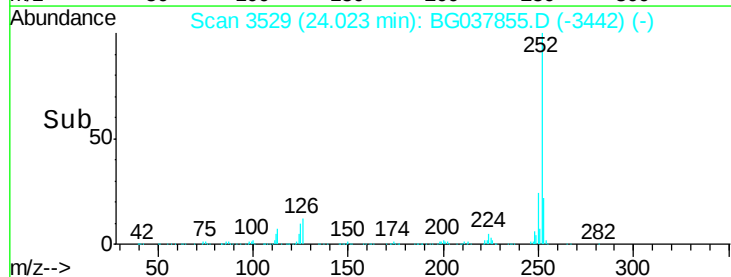
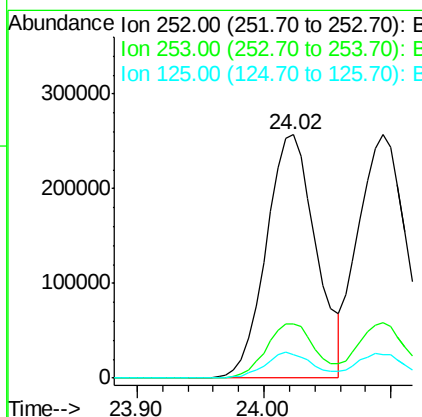
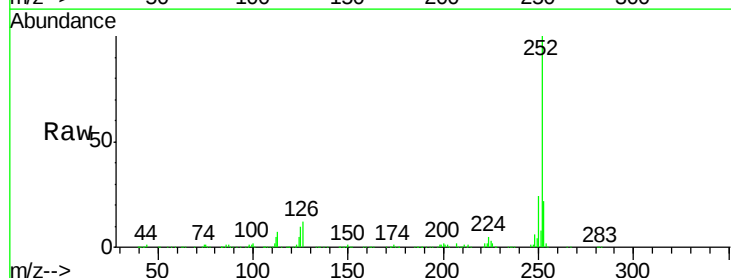
Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	20.9	17.9	26.9

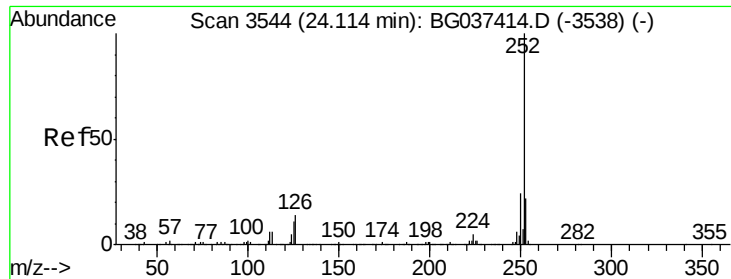


#88
Benzo(b)fluoranthene
Concen: 45.13 ng
RT: 24.02 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion:252 Resp: 701486

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.8	7.8	11.6

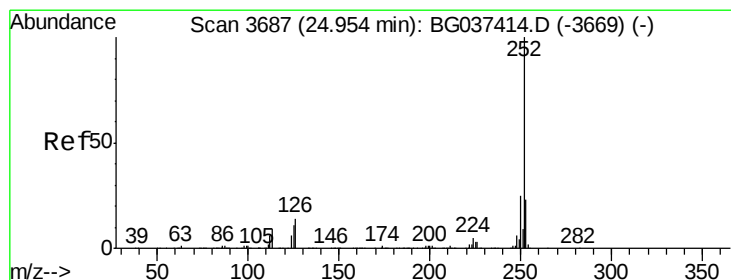
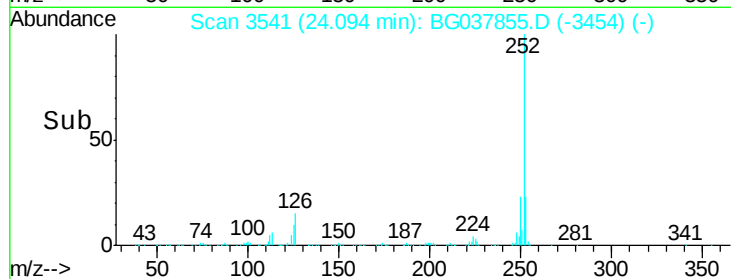
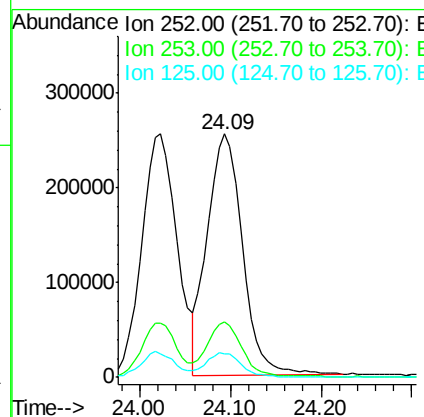
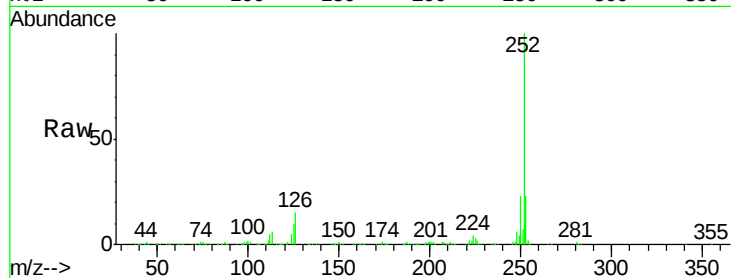




#89
Benzo(k)fluoranthene
Concen: 45.27 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

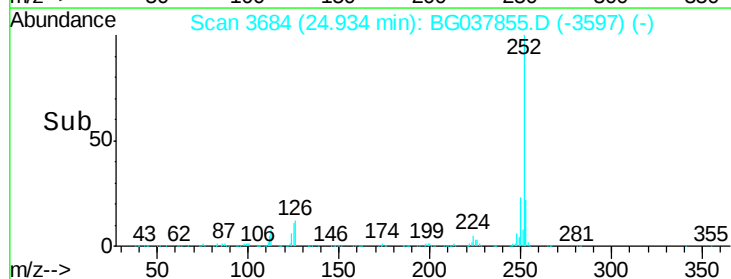
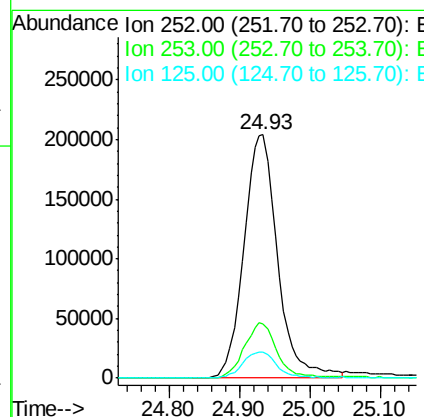
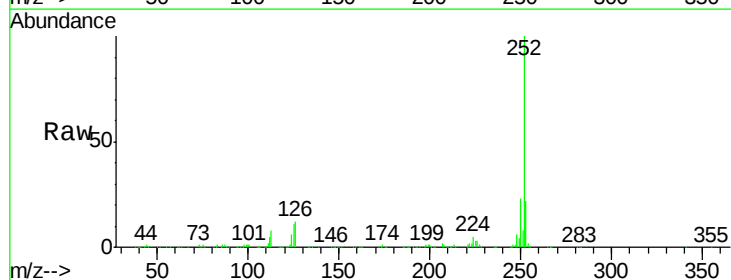
Instrument :
BNA_G
ClientSampleId :

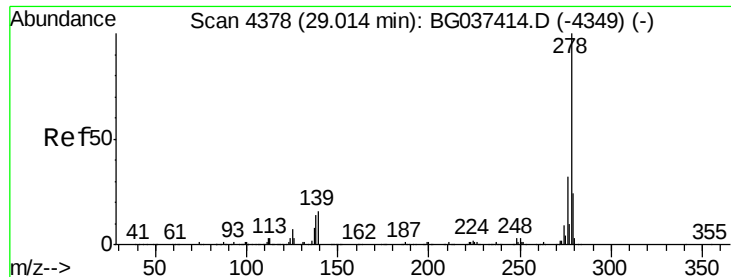
Tot Ion:252 Resp: 689487
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 9.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.53 ng
RT: 24.93 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion:252 Resp: 672594
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.7 9.0 13.6

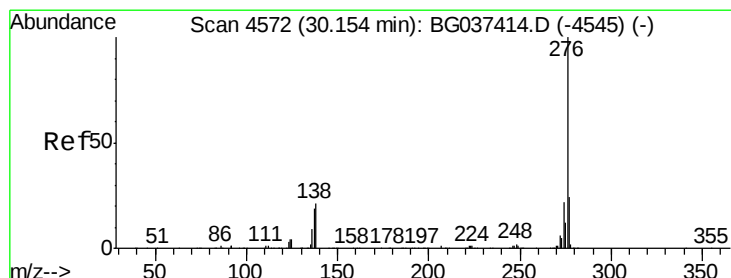
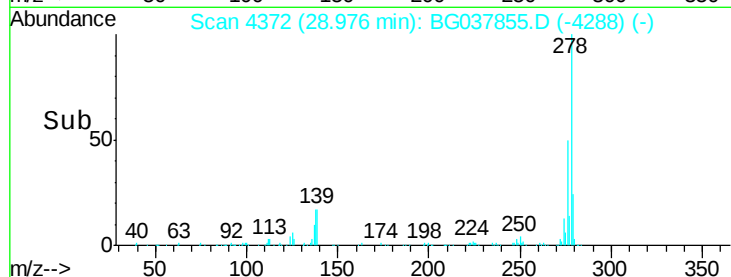
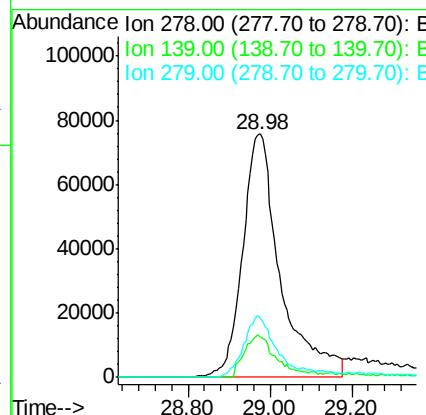
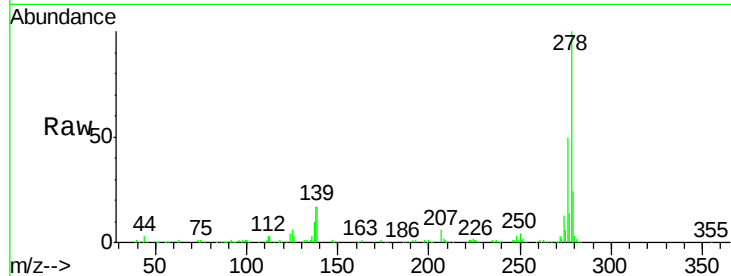




#91
Dibenzo(a,h)anthracene
Concen: 35.57 ng
RT: 28.98 min Scan# 4372
Delta R.T. -0.04 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.5	17.3
279	24.4	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 37.43 ng
RT: 30.11 min Scan# 4565
Delta R.T. -0.04 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.0	17.2	25.8

