

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
 Data File : BG040370.D
 Acq On : 4 Apr 2019 21:59
 Operator : JU/SJ
 Sample : PB118527BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 01:21:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	75528	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	306895	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	190860	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	475596	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	514086	20.00	ng	-0.03
87) Perylene-d12	24.98	264	504818	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	351339	77.33	ng	-0.02
7) Phenol-d6	7.20	99	498931	79.46	ng	-0.02
23) Nitrobenzene-d5	9.22	82	459904	79.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	190934	92.57	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1027504	79.77	ng	-0.02
79) Terphenyl-d14	20.02	244	1779030	77.85	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	85651	40.093	ng	98
3) Pyridine	3.90	79	218136	37.924	ng	98
4) n-Nitrosodimethylamine	3.82	42	102656	38.583	ng	# 86
6) Aniline	7.37	93	312201	38.271	ng	98
8) 2-Chlorophenol	7.61	128	210507	39.581	ng	99
9) Benzaldehyde	7.19	77	131330	30.492	ng	97
10) Phenol	7.23	94	272575	39.995	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	213876	39.182	ng	99
12) 1,3-Dichlorobenzene	7.93	146	226143	39.116	ng	96
13) 1,4-Dichlorobenzene	8.08	146	227011	39.424	ng	99
14) 1,2-Dichlorobenzene	8.40	146	215413	39.120	ng	95
15) Benzyl Alcohol	8.29	79	190474	37.668	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	385467	36.795	ng	98
17) 2-Methylphenol	8.48	107	189142	40.107	ng	98
18) Hexachloroethane	9.12	117	83672	38.202	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	164478	36.536	ng	97
20) 3+4-Methylphenols	8.81	107	258705	40.494	ng	98
22) Acetophenone	8.88	105	325908	42.572	ng	# 97
24) Nitrobenzene	9.27	77	245002	40.978	ng	99
25) Isophorone	9.78	82	477136	40.163	ng	97
26) 2-Nitrophenol	9.98	139	120159	42.413	ng	99
27) 2,4-Dimethylphenol	10.02	122	196329	43.628	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	284227	40.439	ng	99
29) 2,4-Dichlorophenol	10.51	162	211690	43.339	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	226980	42.320	ng	98
31) Naphthalene	10.91	128	658712	41.875	ng	99
32) Benzoic acid	10.16	122	107562	39.561	ng	96
33) 4-Chloroaniline	11.03	127	281838	42.003	ng	99
34) Hexachlorobutadiene	11.17	225	137350	40.042	ng	96
35) Caprolactam	11.82	113	53011	27.348	ng	94
36) 4-Chloro-3-methylphenol	12.14	107	242086	43.111	ng	97
37) 2-Methylnaphthalene	12.51	142	498029	42.808	ng	98
38) 1-Methylnaphthalene	12.73	142	472461	41.879	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	254027	41.876	ng	98

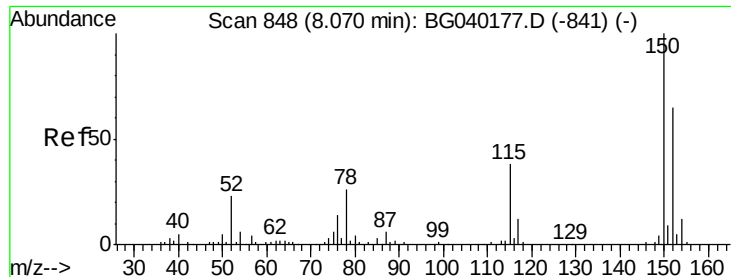
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
 Data File : BG040370.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	281623	84.552	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	172259	44.044	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	187934	44.085	ng	96
46) 1,1'-Biphenyl	13.51	154	620994	41.179	ng	100
47) 2-Chloronaphthalene	13.56	162	489949	42.355	ng	99
48) 2-Nitroaniline	13.77	65	167140	42.836	ng	97
49) Acenaphthylene	14.41	152	792503	40.408	ng	99
50) Dimethylphthalate	14.13	163	623582	41.746	ng	99
51) 2,6-Dinitrotoluene	14.27	165	146658	43.726	ng	94
52) Acenaphthene	14.74	154	464936	41.371	ng	98
53) 3-Nitroaniline	14.60	138	147778	41.624	ng	94
54) 2,4-Dinitrophenol	14.81	184	167245	93.761	ng	86
55) Dibenzofuran	15.08	168	770687	42.677	ng	99
56) 4-Nitrophenol	14.90	139	247448	86.357	ng	98
57) 2,4-Dinitrotoluene	15.05	165	208556	44.751	ng	99
58) Fluorene	15.72	166	601502	42.366	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	172898	44.695	ng	99
60) Diethylphthalate	15.48	149	656701	42.963	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	325438	42.882	ng	97
62) 4-Nitroaniline	15.76	138	172803	45.354	ng	98
63) Azobenzene	16.00	77	599460	41.577	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	131725	49.299	ng	89
66) n-Nitrosodiphenylamine	15.93	169	566446	40.701	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	214988	40.169	ng	96
68) Hexachlorobenzene	16.72	284	222466	41.341	ng	99
69) Atrazine	16.87	200	197476	38.144	ng	97
70) Pentachlorophenol	17.07	266	233550	75.069	ng	97
71) Phenanthrene	17.47	178	1025811	41.035	ng	98
72) Anthracene	17.56	178	1044129	41.730	ng	97
73) Carbazole	17.83	167	998972	42.187	ng	99
74) Di-n-butylphthalate	18.36	149	1168935	41.645	ng	100
75) Fluoranthene	19.47	202	1289262	43.555	ng	98
77) Benzidine	19.66	184	946490	50.985	ng	99
78) Pyrene	19.84	202	1317307	38.966	ng	97
80) Butylbenzylphthalate	20.70	149	601016	41.546	ng	96
81) Benzo(a)anthracene	21.67	228	1313507	41.481	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	499693	41.484	ng	100
83) Chrysene	21.74	228	1243928	40.876	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	843135	40.772	ng	99
85) Di-n-octyl phthalate	22.77	149	1459471	41.424	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1587423	42.649	ng	# 92
88) Benzo(b)fluoranthene	23.92	252	1383098	44.750	ng	98
89) Benzo(k)fluoranthene	24.00	252	1329995	46.794	ng	99
90) Benzo(a)pyrene	24.82	252	1362327	46.979	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	1285966	47.747	ng	98
92) Benzo(g,h,i)perylene	29.93	276	1318196	47.625	ng	97

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

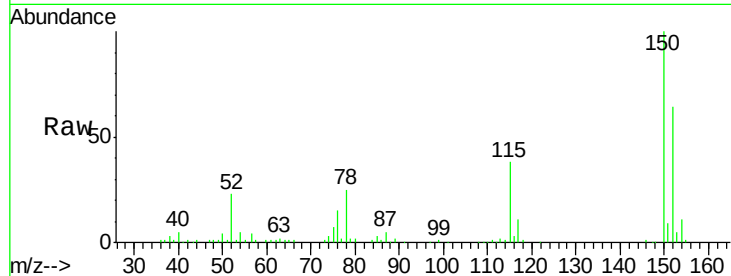


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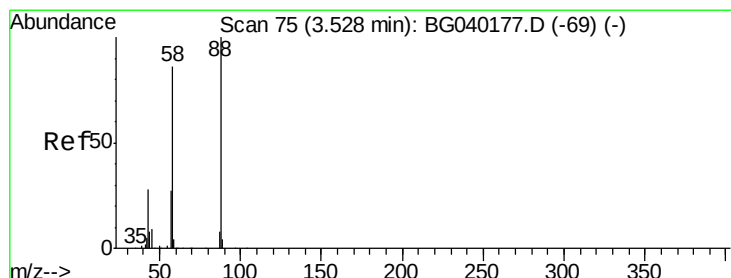
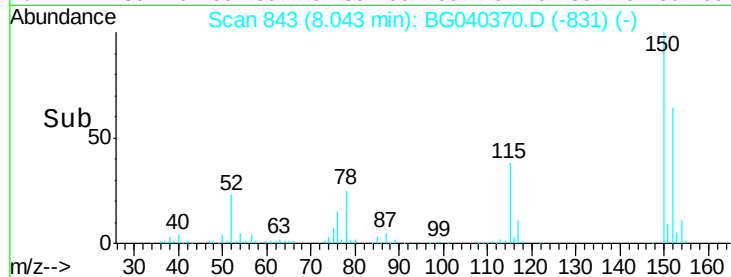
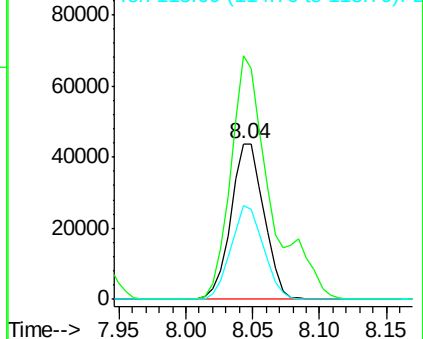
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 75528
Ion Ratio Lower Upper
152 100
150 156.3 123.7 185.5
115 59.9 46.9 70.3



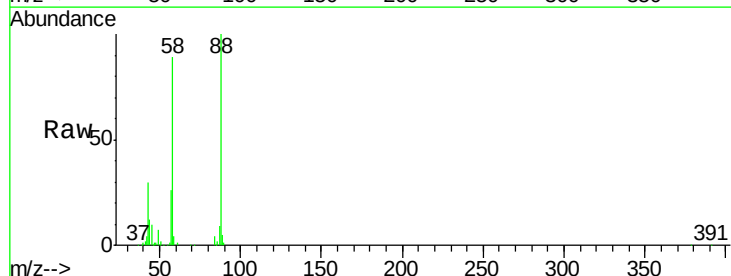
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



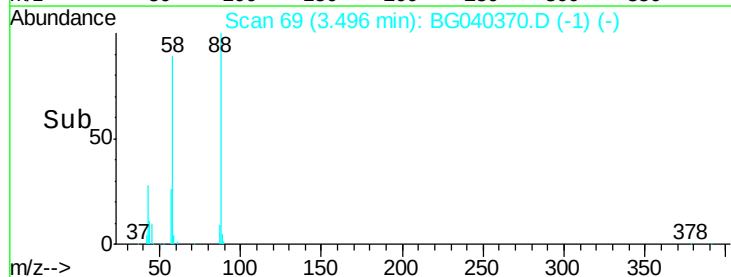
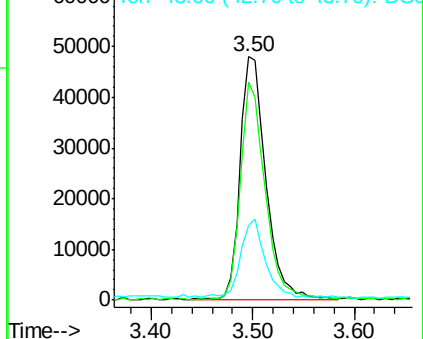
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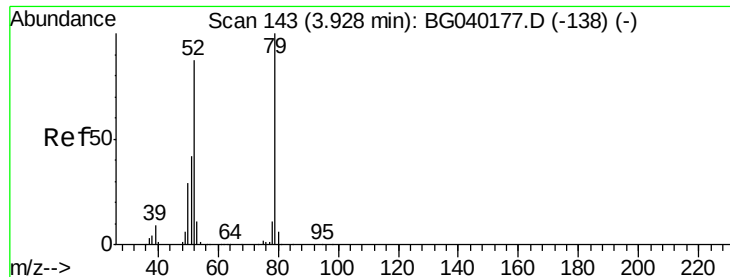
1,4-Dioxane
Concen: 40.093 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion: 88 Resp: 85651
Ion Ratio Lower Upper
88 100
58 86.2 70.6 106.0
43 29.9 24.8 37.2



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: 37.924 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

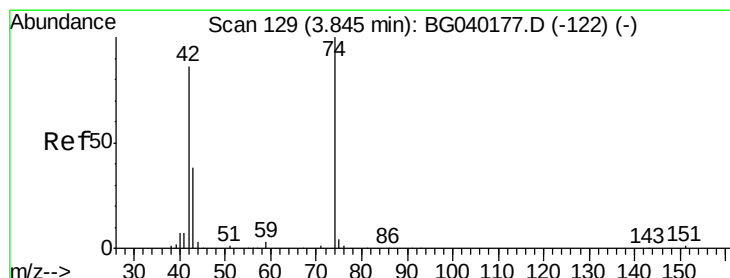
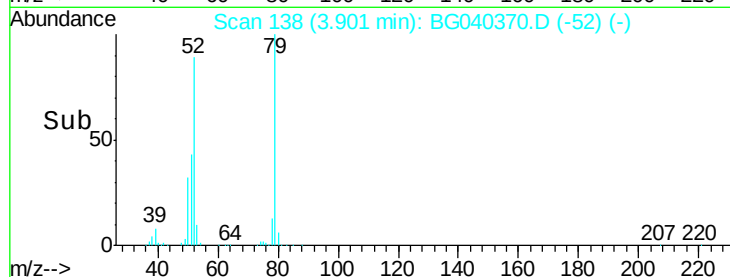
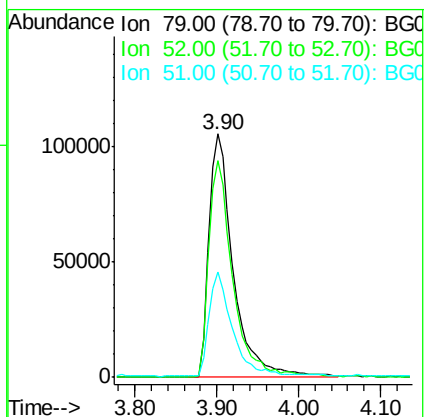
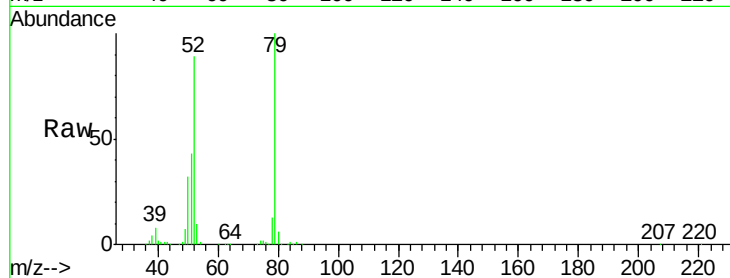
Tot Ion: 79 Resp: 218136

Ion Ratio Lower Upper

79 100

52 89.0 69.8 104.8

51 43.4 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 38.583 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

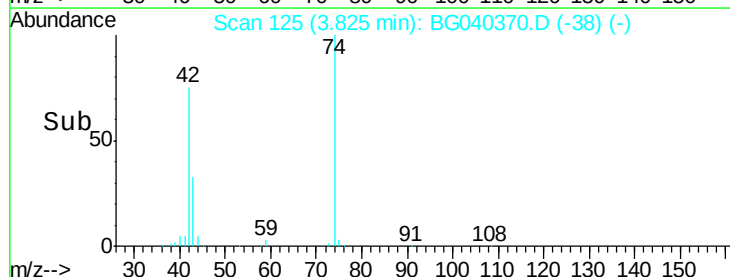
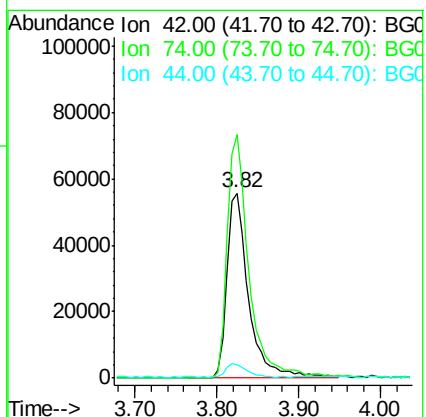
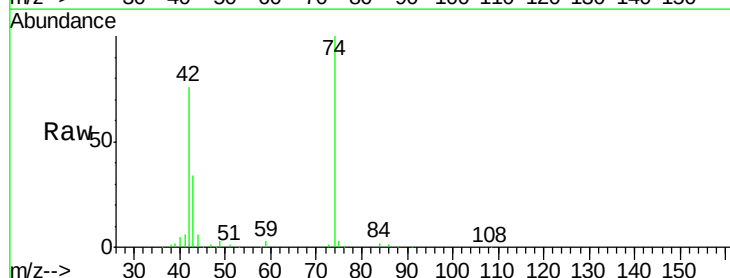
Tgt Ion: 42 Resp: 102656

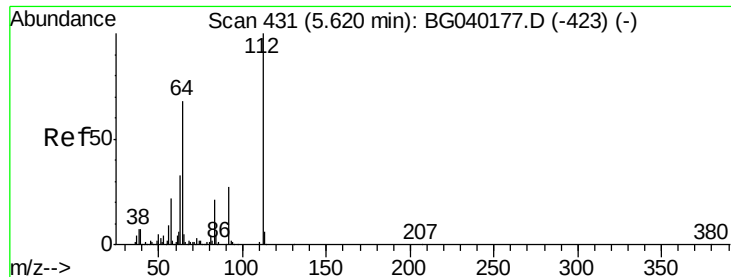
Ion Ratio Lower Upper

42 100

74 131.7 92.9 139.3

44 7.3 9.7 14.5#





#5

2-Fluorophenol

Concen: 77.332 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

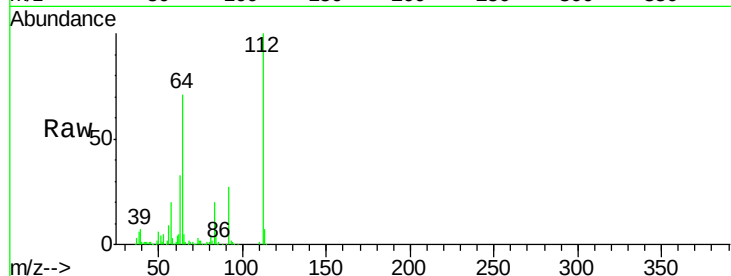
Tot Ion:112 Resp: 351339

Ion Ratio Lower Upper

112 100

64 70.5 54.2 81.2

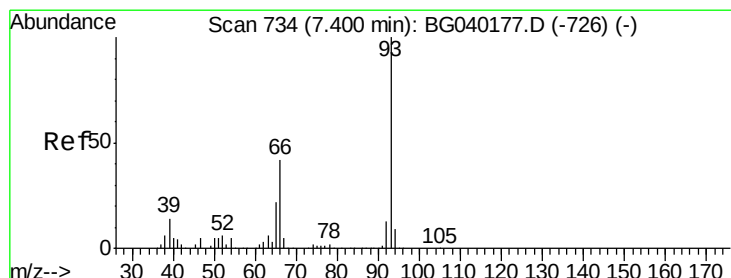
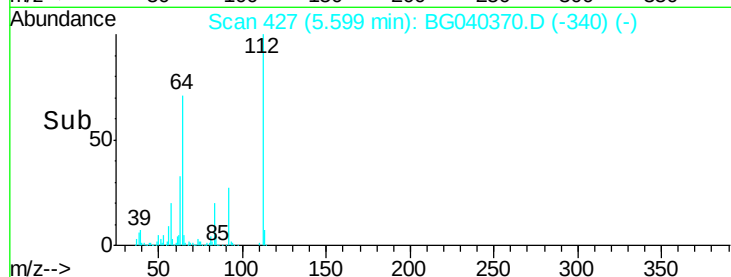
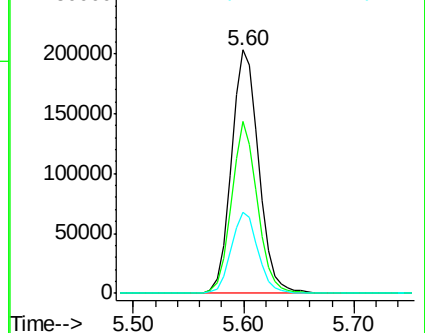
63 33.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.271 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

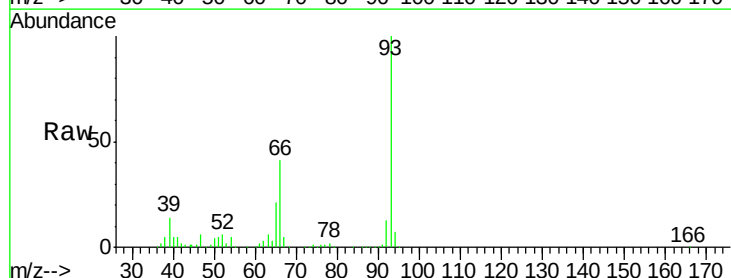
Tgt Ion: 93 Resp: 312201

Ion Ratio Lower Upper

93 100

66 40.9 33.6 50.4

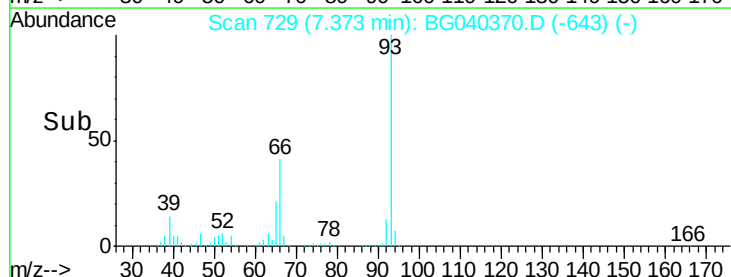
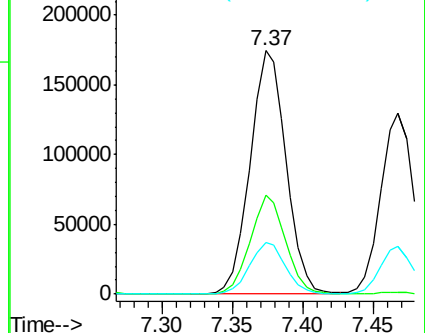
65 21.2 17.4 26.2

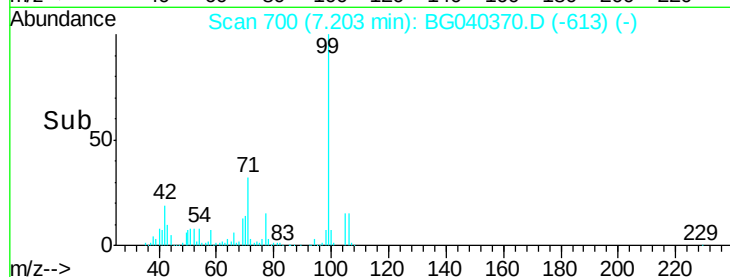
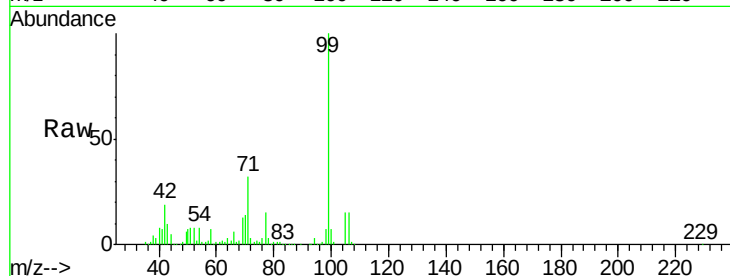
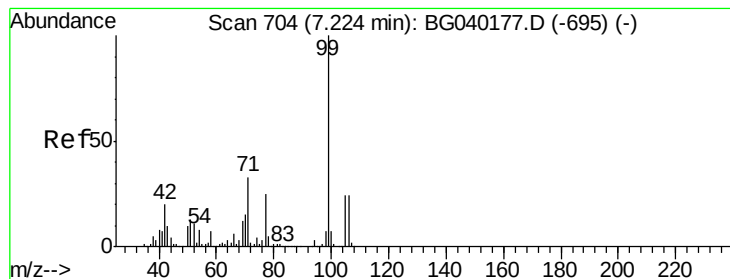


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.462 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

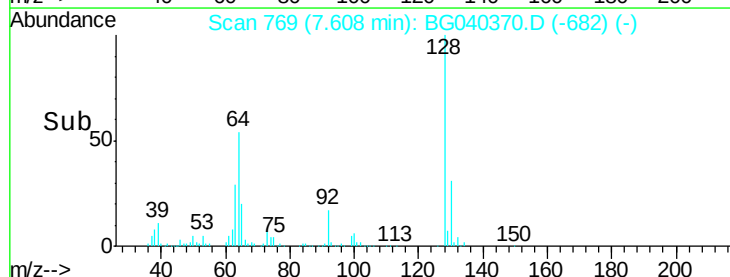
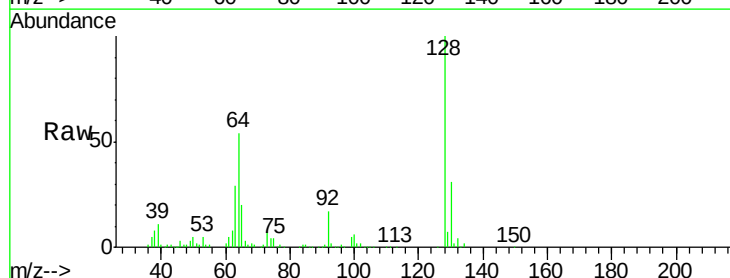
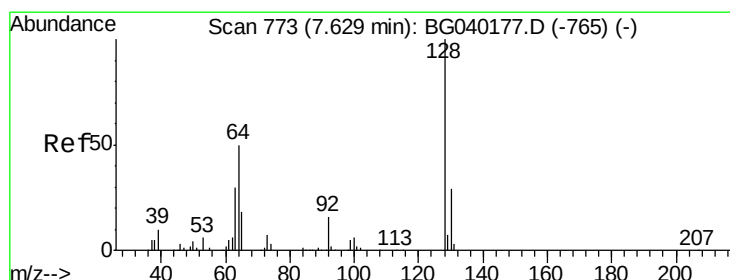
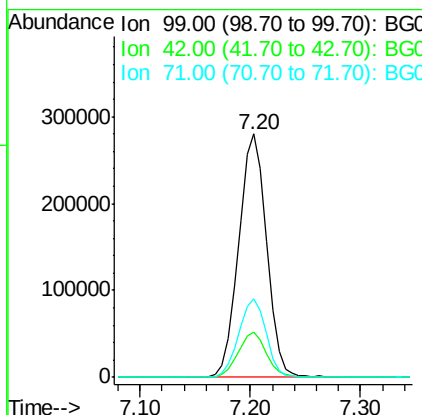
Tot Ion: 99 Resp: 498931

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.2

71 32.3 26.8 40.2



#8

2-Chlorophenol

Concen: 39.581 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

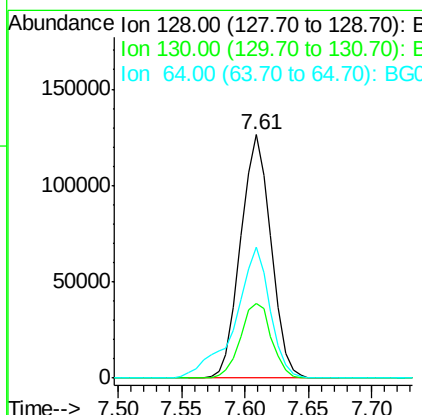
Tgt Ion: 128 Resp: 210507

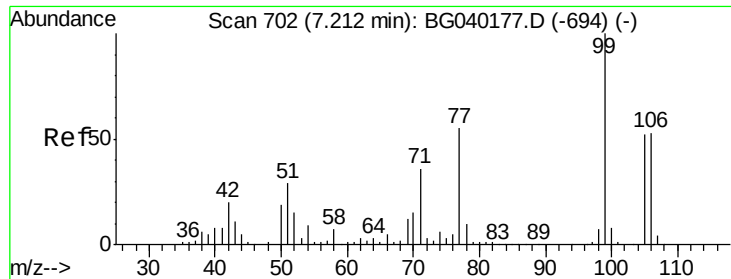
Ion Ratio Lower Upper

128 100

130 30.5 9.1 49.1

64 53.6 33.1 73.1





#9

Benzaldehyde

Concen: 30.492 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampled :

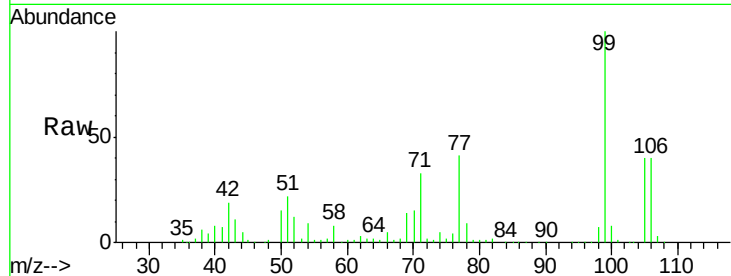
Tot Ion: 77 Resp: 131330

Ion Ratio Lower Upper

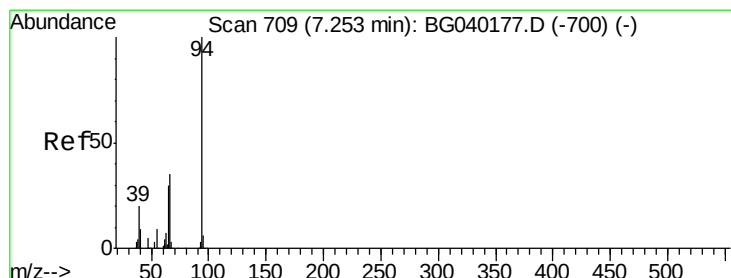
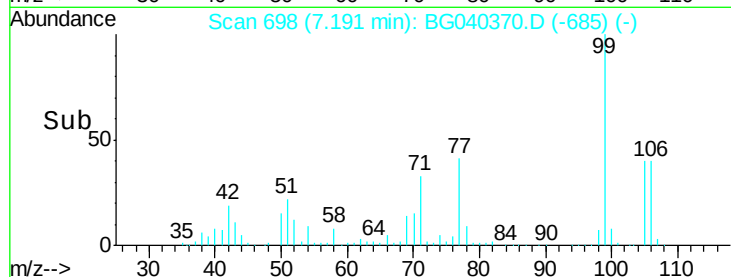
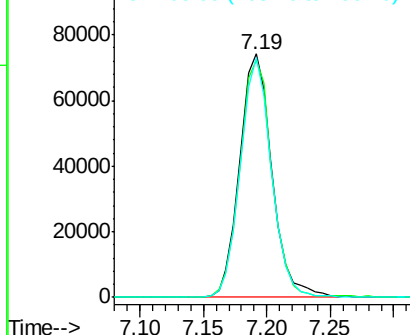
77 100

105 97.4 75.0 115.0

106 98.2 75.7 115.7



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



#10

Phenol

Concen: 39.995 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

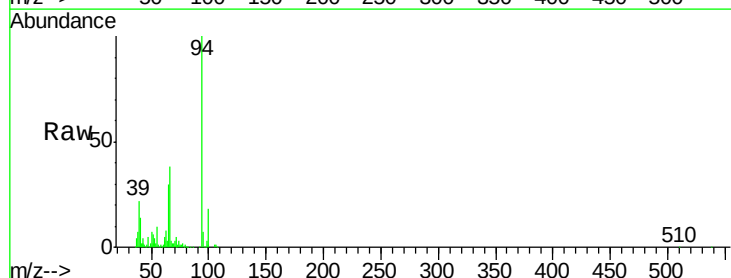
Tgt Ion: 94 Resp: 272575

Ion Ratio Lower Upper

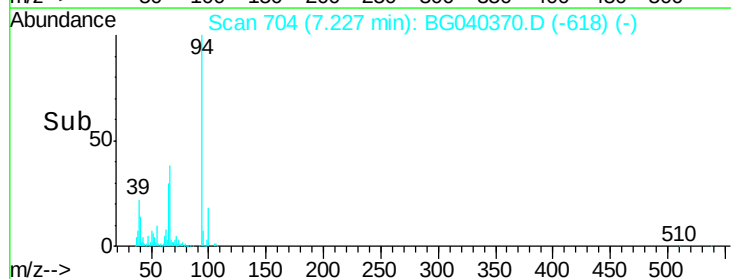
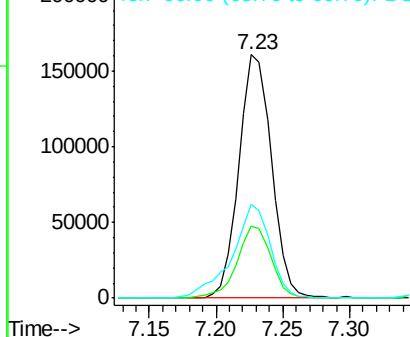
94 100

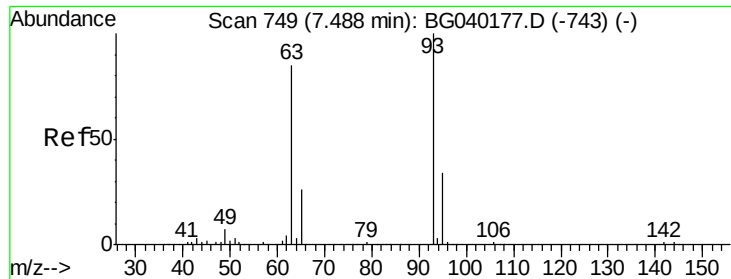
65 29.9 10.5 50.5

66 38.4 16.9 56.9



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



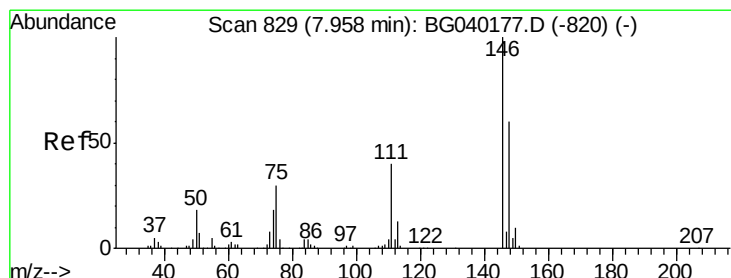
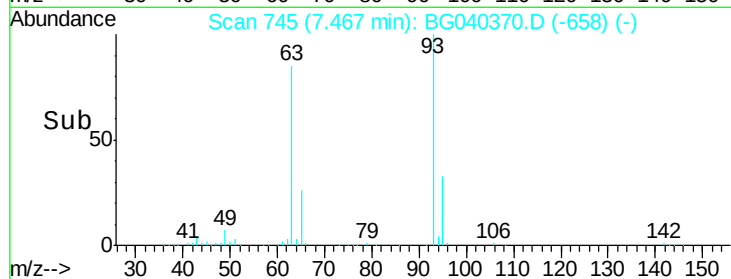
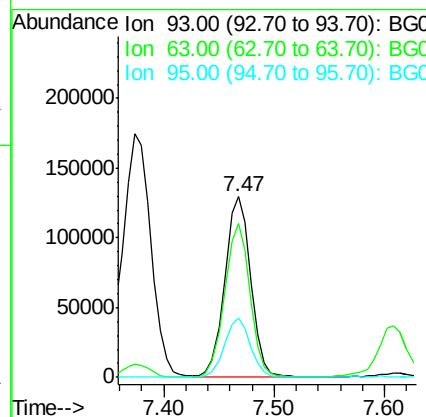
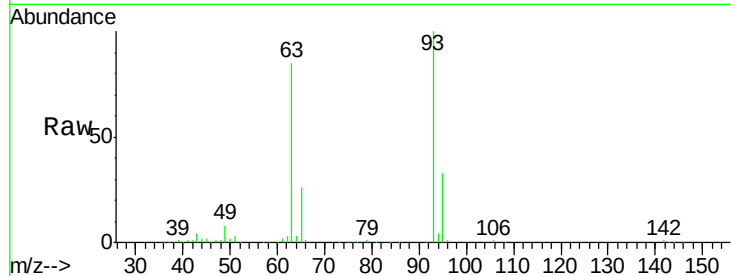


#11
bis(2-Chloroethyl)ether
Concen: 39.182 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 213876

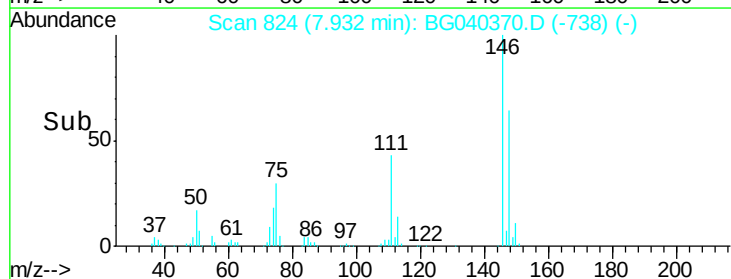
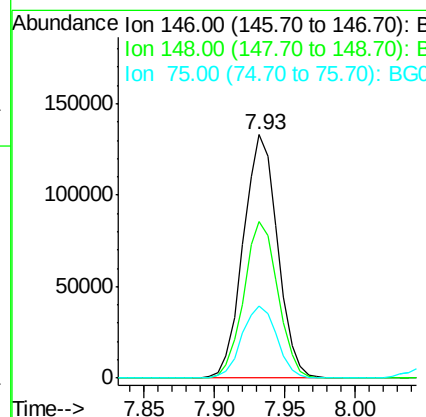
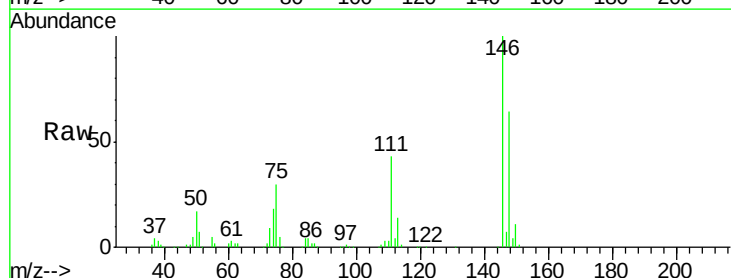
Ion	Ratio	Lower	Upper
93	100		
63	85.4	64.2	104.2
95	33.0	14.0	54.0

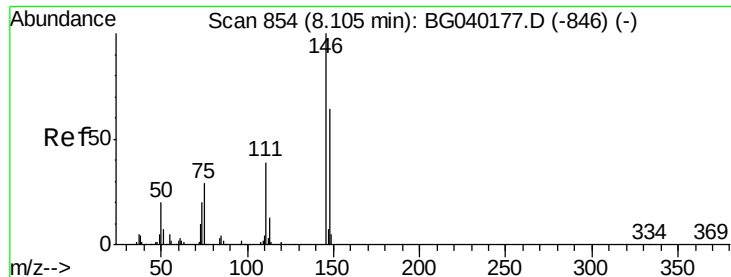


#12
1,3-Dichlorobenzene
Concen: 39.116 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion: 146 Resp: 226143

Ion	Ratio	Lower	Upper
146	100		
148	64.1	48.2	72.2
75	29.7	24.1	36.1

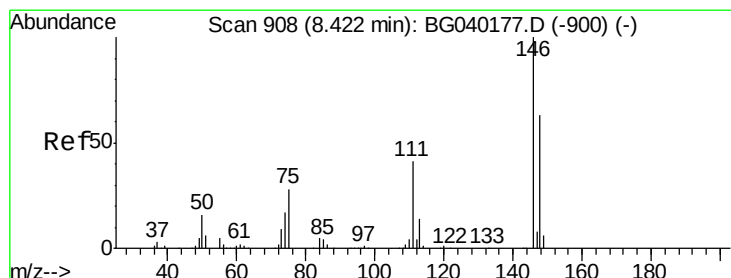
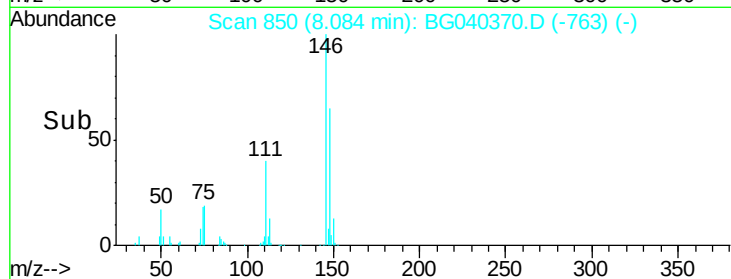
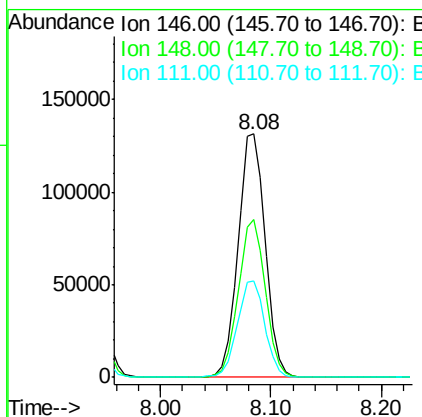
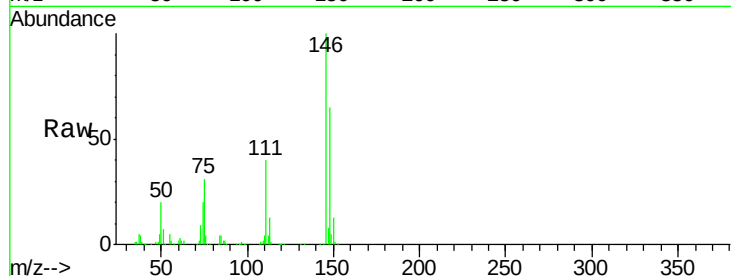




#13
 1,4-Dichlorobenzene
 Concen: 39.424 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

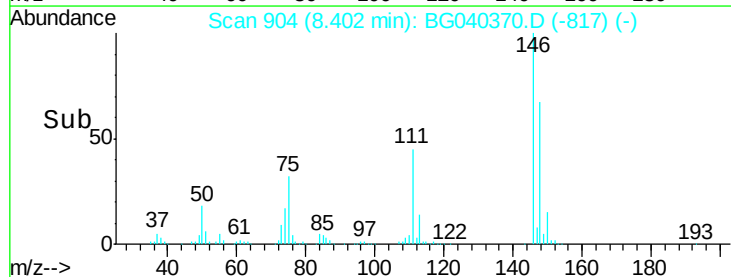
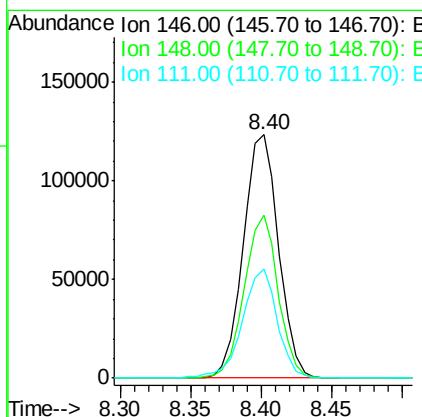
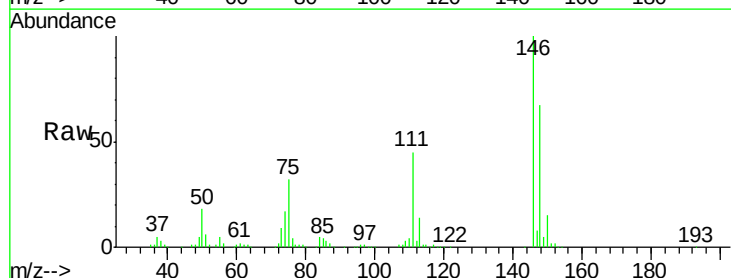
Instrument :
 BNA_G
 ClientSampleId :

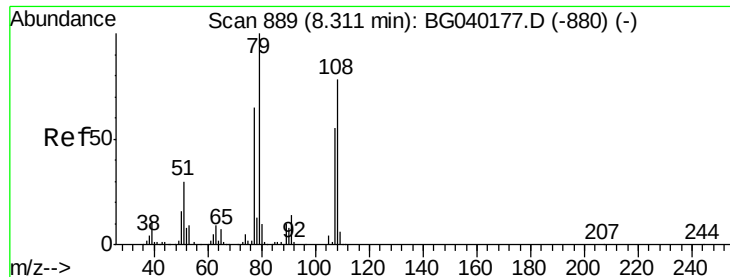
Tot Ion:146 Resp: 227011
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.4
 111 39.8 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 39.120 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion:146 Resp: 215413
 Ion Ratio Lower Upper
 146 100
 148 66.9 50.8 76.2
 111 45.0 33.4 50.0





#15

Benzyl Alcohol

Concen: 37.668 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampled :

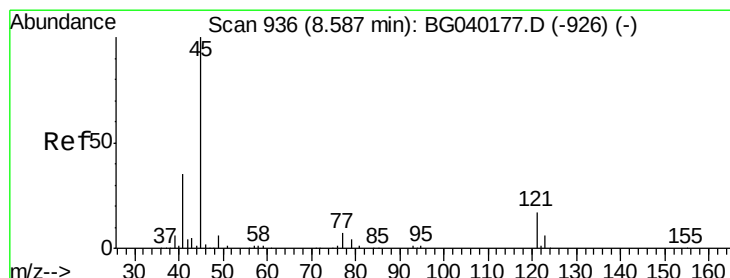
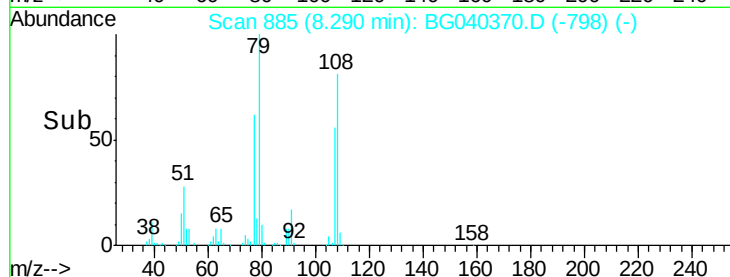
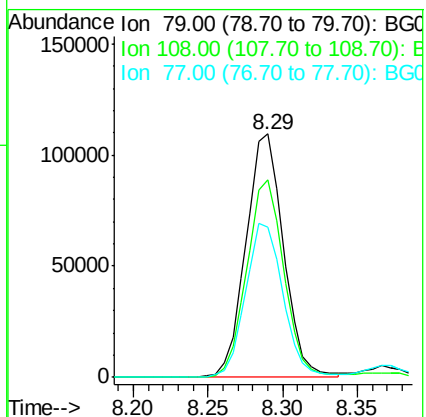
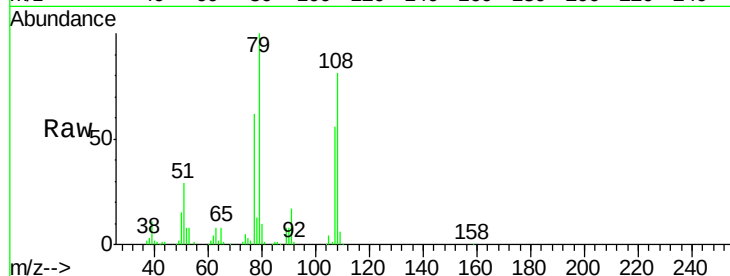
Tot Ion: 79 Resp: 190474

Ion Ratio Lower Upper

79 100

108 81.4 62.1 93.1

77 61.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.795 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

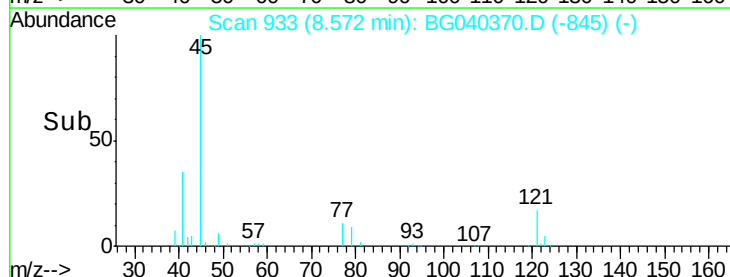
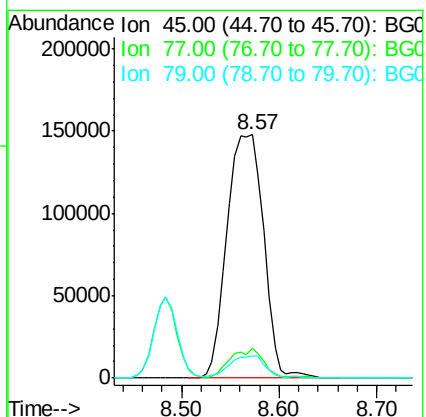
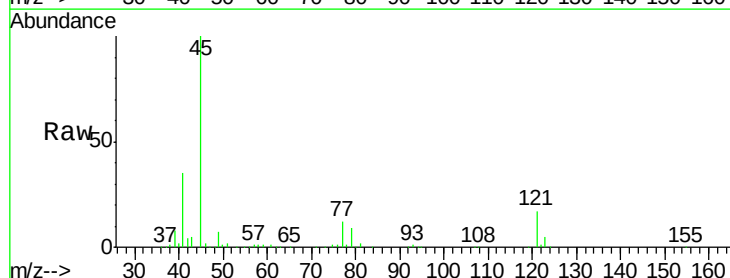
Tgt Ion: 45 Resp: 385467

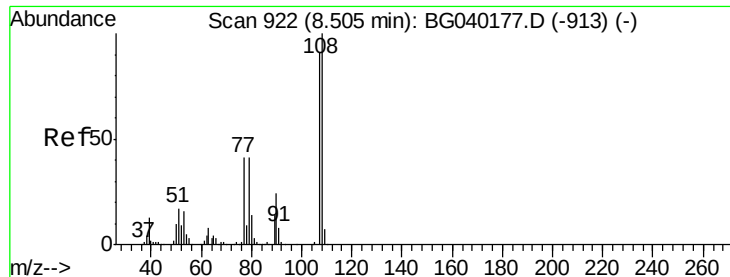
Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.4

79 9.1 0.0 28.3





#17

2-Methylphenol

Concen: 40.107 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 189142

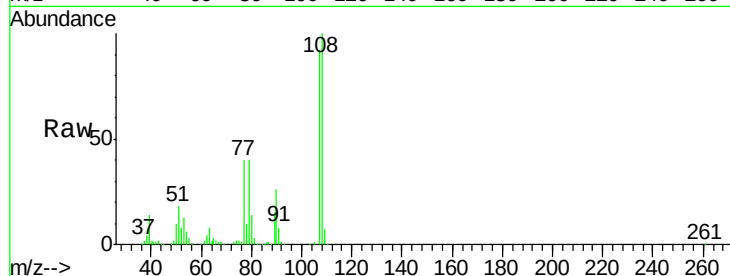
Ion Ratio Lower Upper

107 100

108 108.9 88.2 132.4

77 44.0 36.6 55.0

79 43.5 36.5 54.7

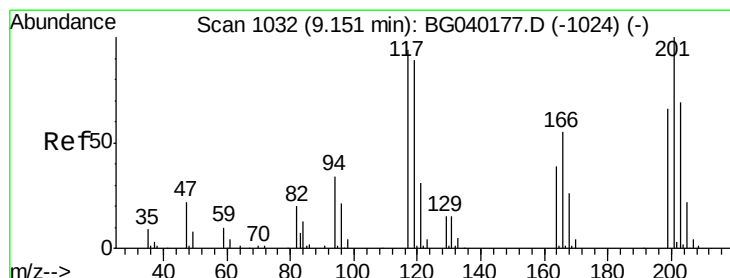
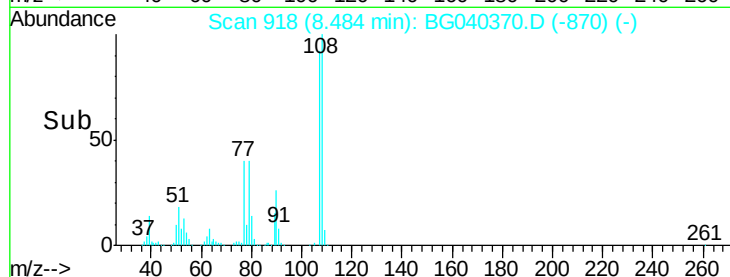
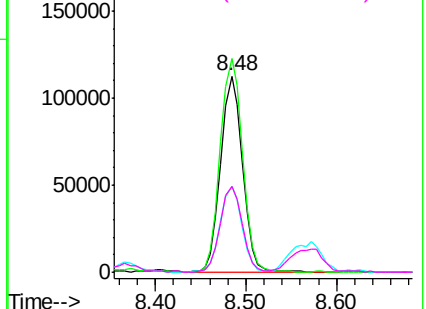


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.202 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

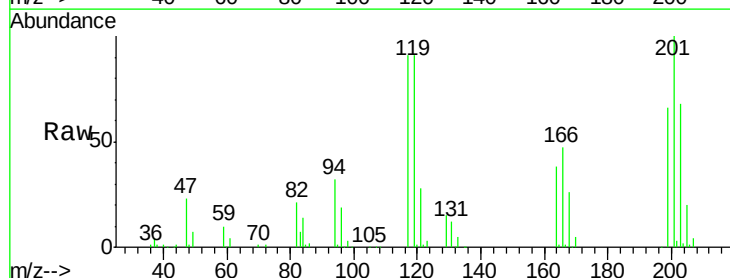
Tgt Ion:117 Resp: 83672

Ion Ratio Lower Upper

117 100

119 99.3 76.6 115.0

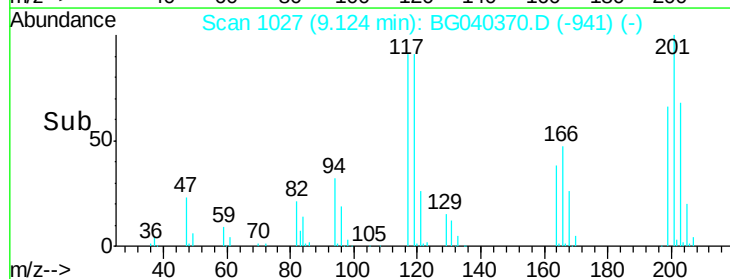
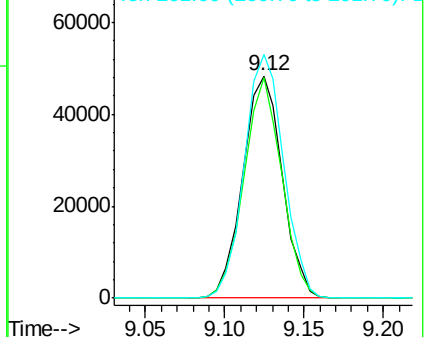
201 109.7 85.0 127.4

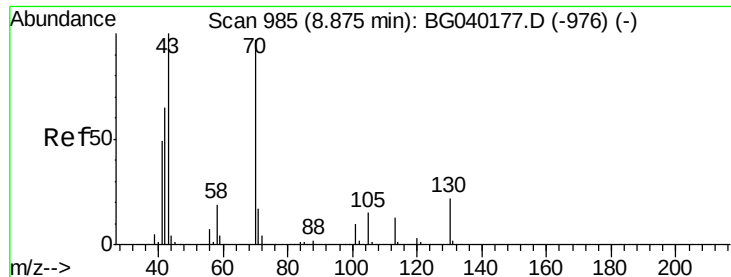


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

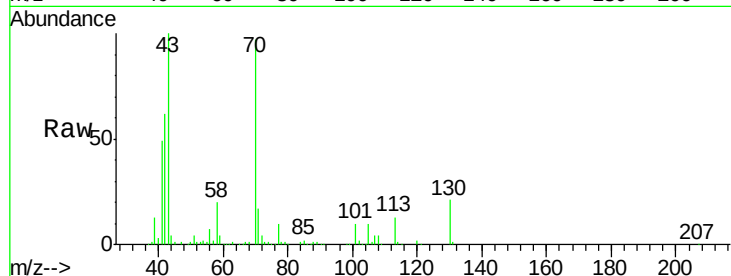




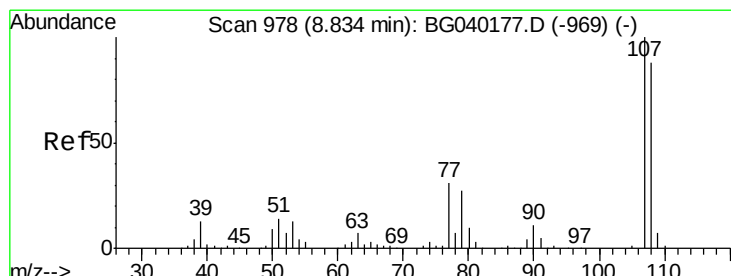
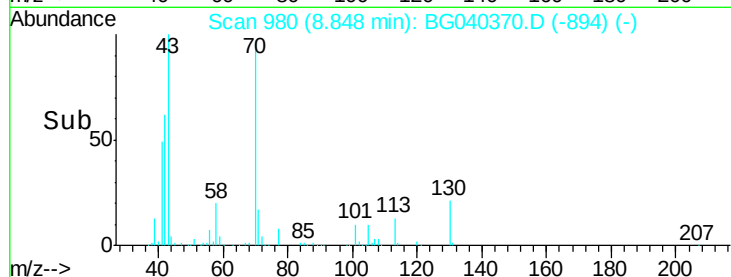
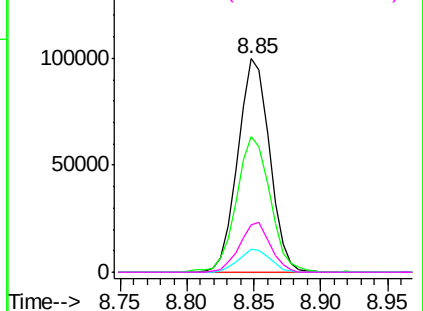
#19
n-Nitroso-di-n-propylamine
Concen: 36.536 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 164478
Ion Ratio Lower Upper
70 100
42 63.8 54.0 81.0
101 10.5 8.6 13.0
130 22.1 18.2 27.2

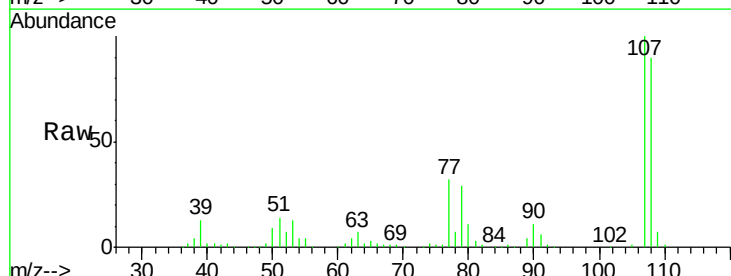


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

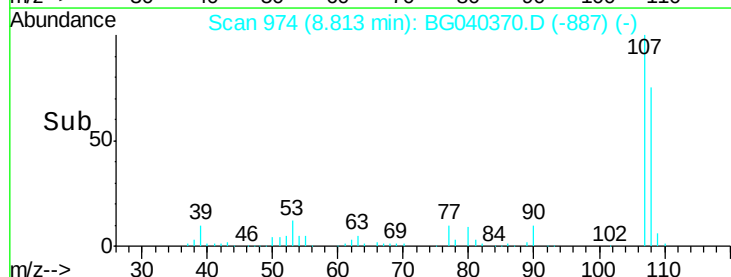
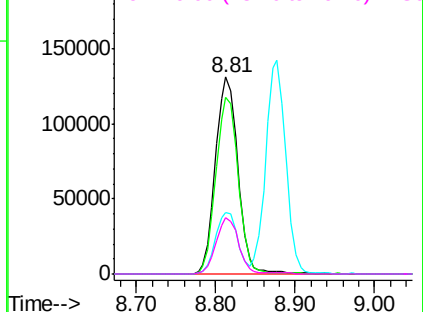


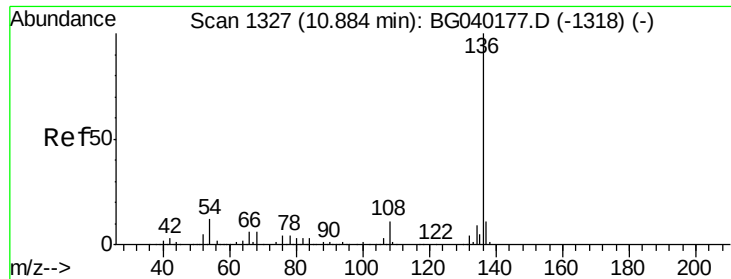
#20
3+4-Methylphenols
Concen: 40.494 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion: 107 Resp: 258705
Ion Ratio Lower Upper
107 100
108 90.1 68.3 108.3
77 31.5 11.3 51.3
79 28.9 7.3 47.3



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

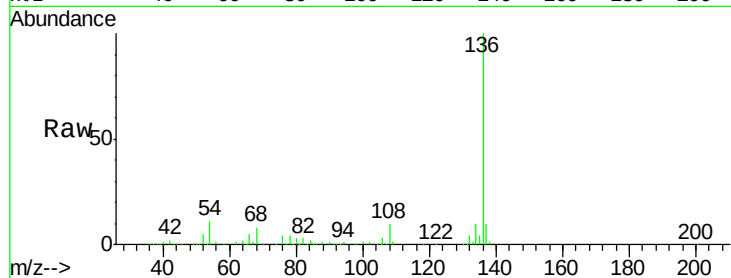




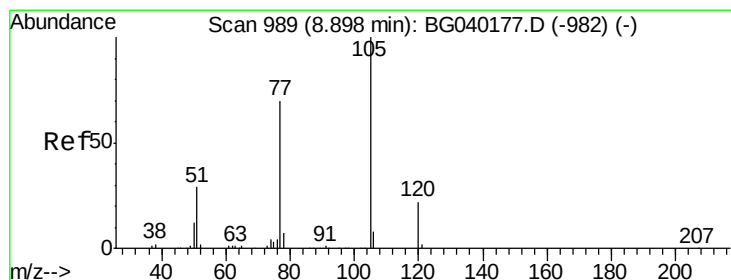
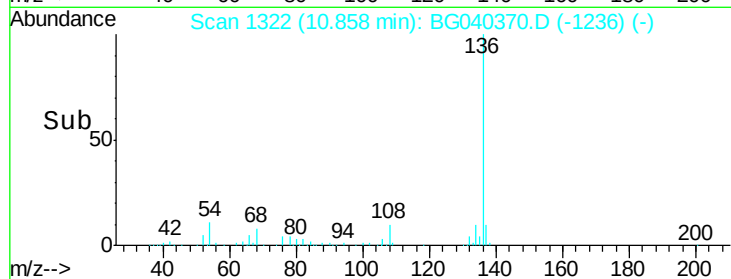
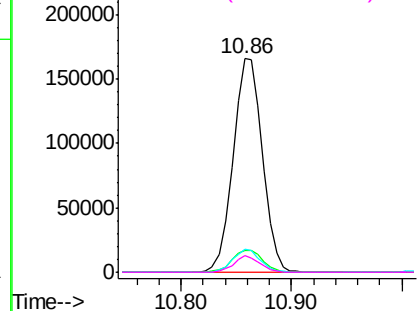
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	306895
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	10.7	9.6 14.4
68	7.8	5.1 7.7#

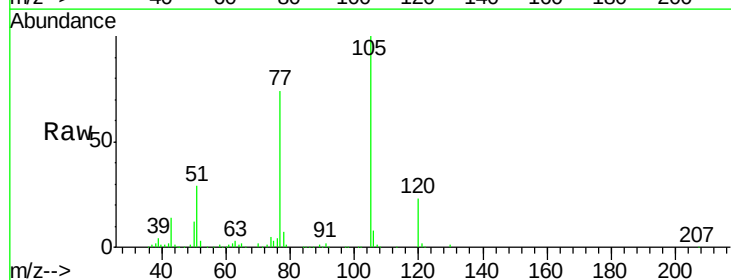


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

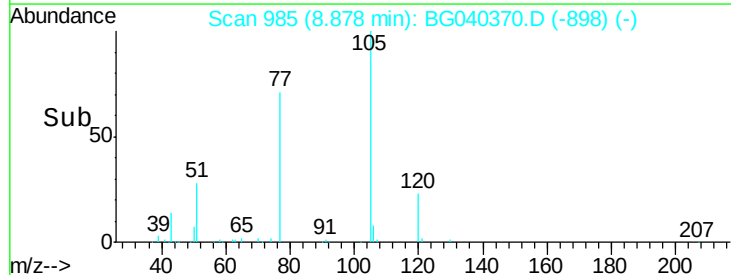
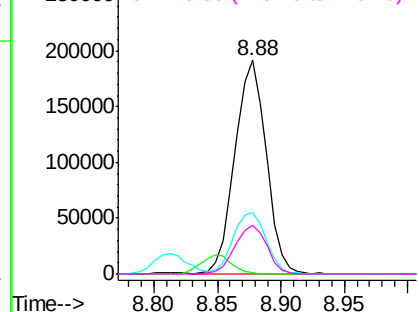


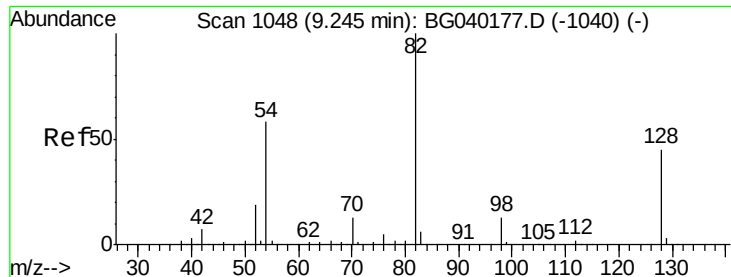
#22
Acetophenone
Concen: 42.572 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion:105	Resp:	325908
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	28.8	25.1 37.7
120	22.7	17.6 26.4



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

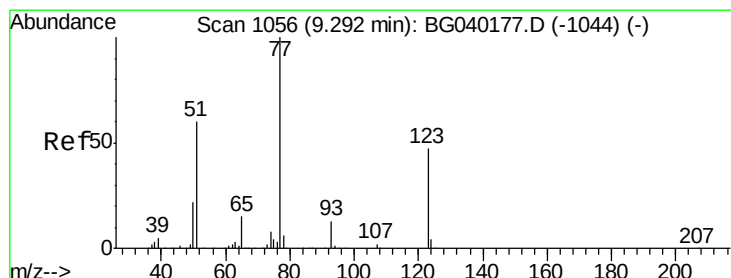
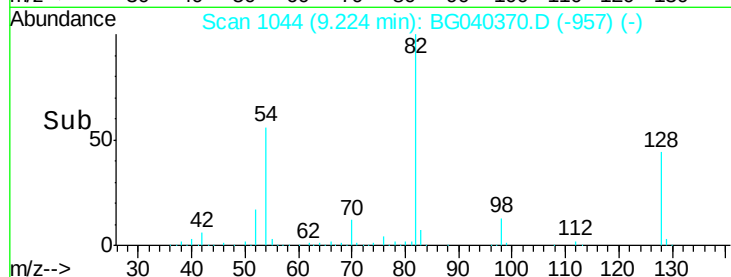
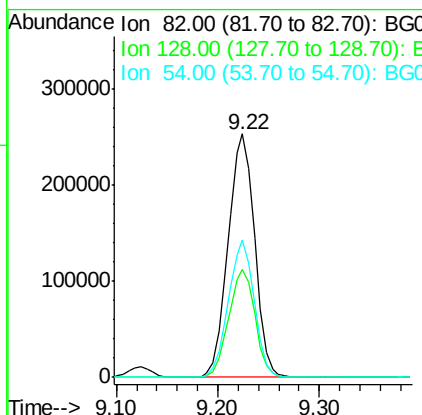
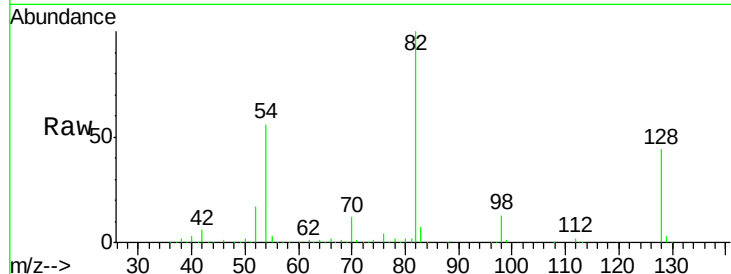




#23
 Nitrobenzene-d5
 Concen: 79.654 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

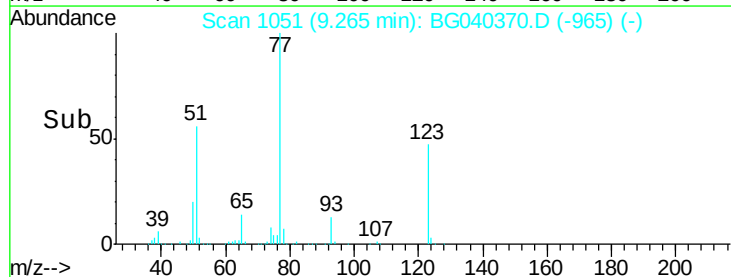
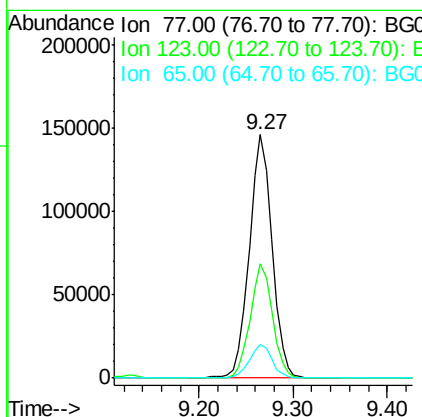
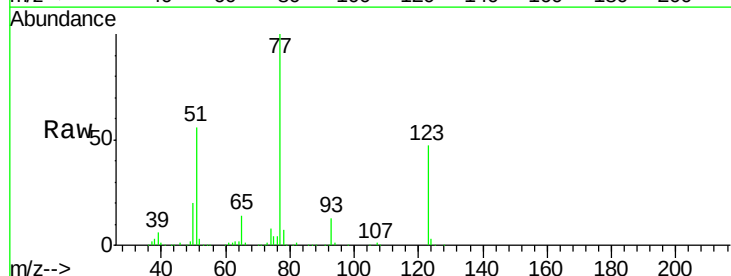
Instrument :
 BNA_G
 ClientSampled :

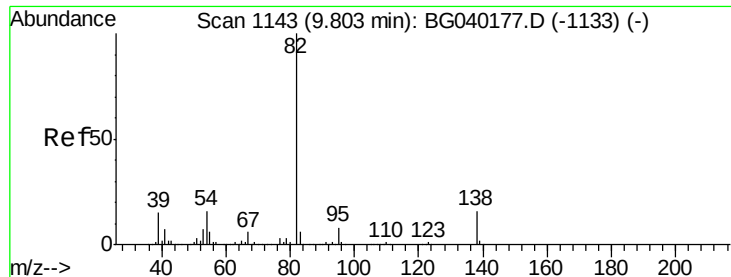
Tot Ion	82	Resp	459904
Ion Ratio	100	Lower	Upper
128	44.4	35.8	53.8
54	56.2	46.2	69.2



#24
 Nitrobenzene
 Concen: 40.978 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	77	Resp	245002
Ion Ratio	100	Lower	Upper
123	46.8	37.8	56.6
65	13.6	12.0	18.0





#25

Isophorone

Concen: 40.163 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

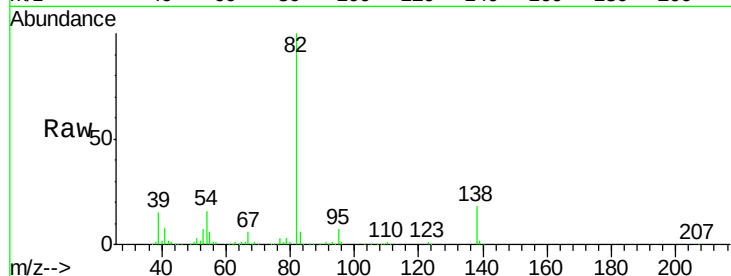
Tot Ion: 82 Resp: 477136

Ion Ratio Lower Upper

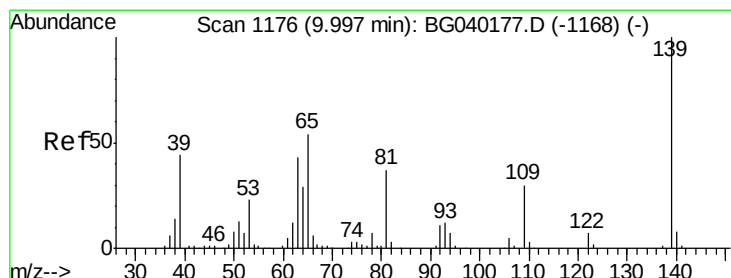
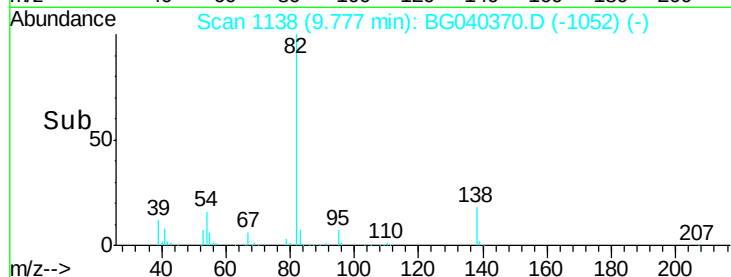
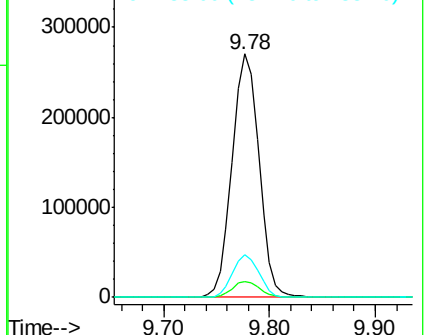
82 100

95 6.7 6.1 9.1

138 17.6 13.2 19.8



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



#26

2-Nitrophenol

Concen: 42.413 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

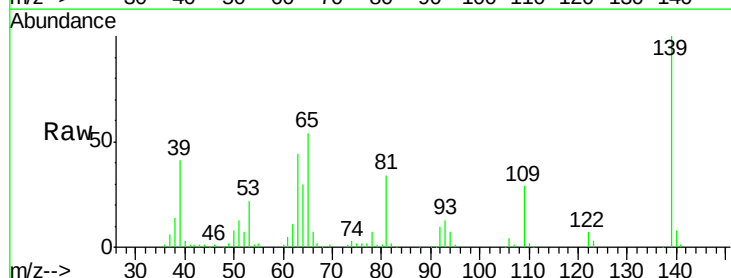
Tgt Ion: 139 Resp: 120159

Ion Ratio Lower Upper

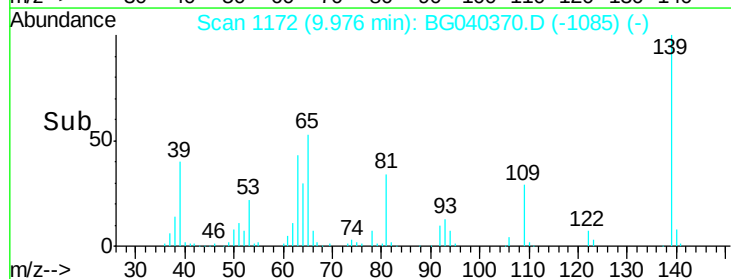
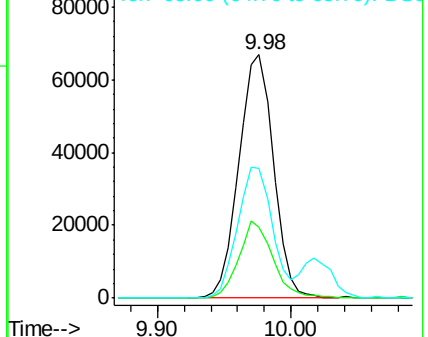
139 100

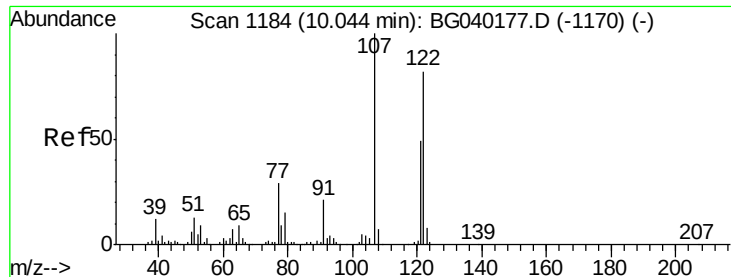
109 29.2 24.1 36.1

65 53.5 43.0 64.6



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

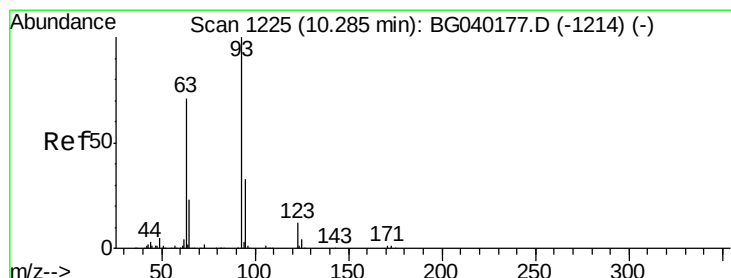
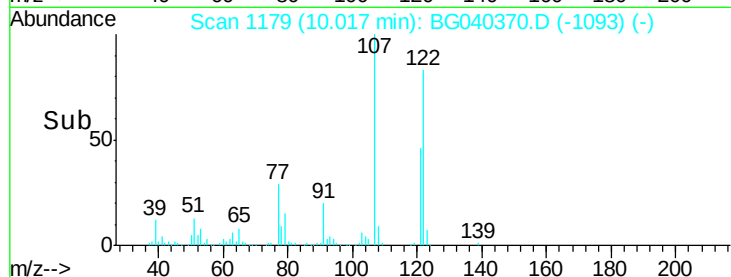
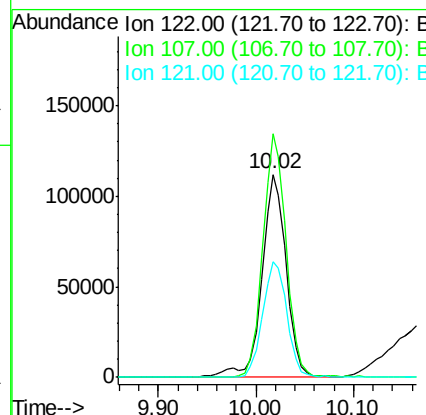
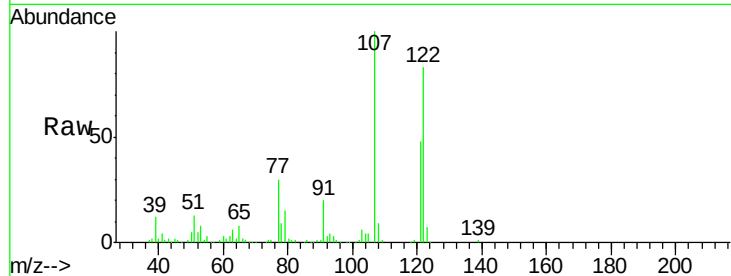




#27
 2,4-Dimethylphenol
 Concen: 43.628 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

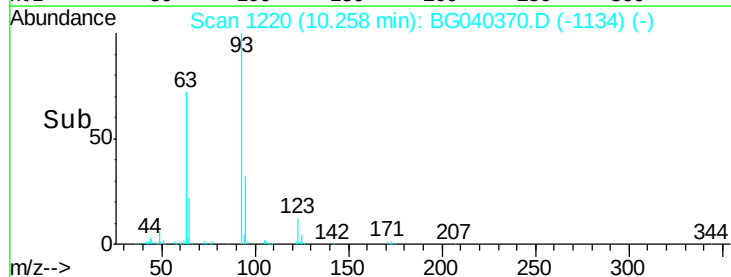
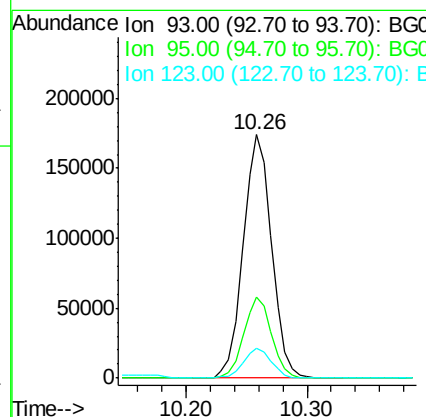
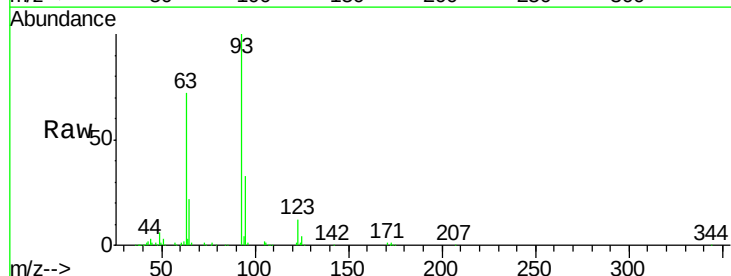
Instrument :
 BNA_G
 ClientSampleId :

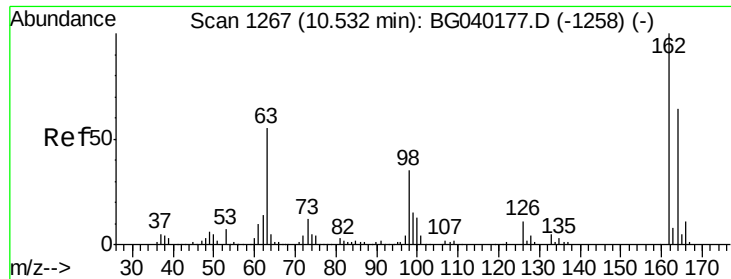
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	97.4	146.2
121	57.2	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.439 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	12.3	9.4	14.0

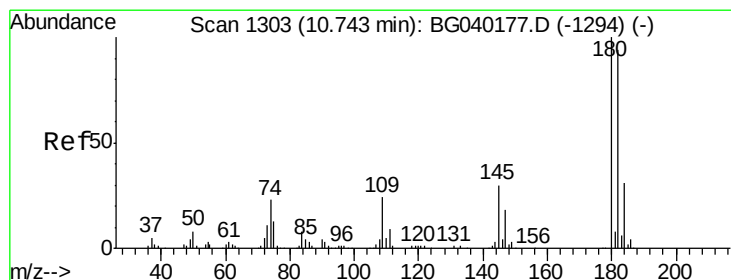
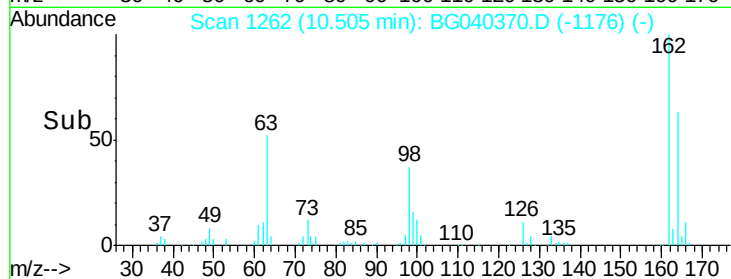
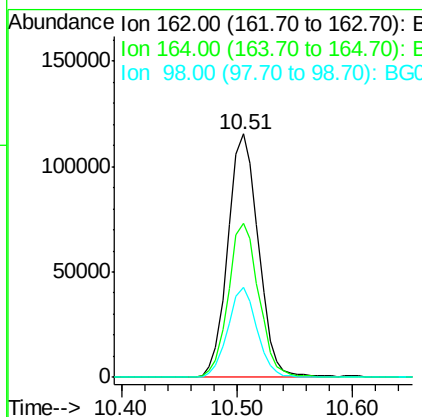
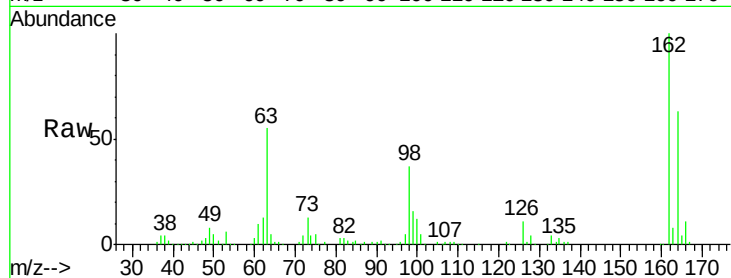




#29
 2,4-Dichlorophenol
 Concen: 43.339 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

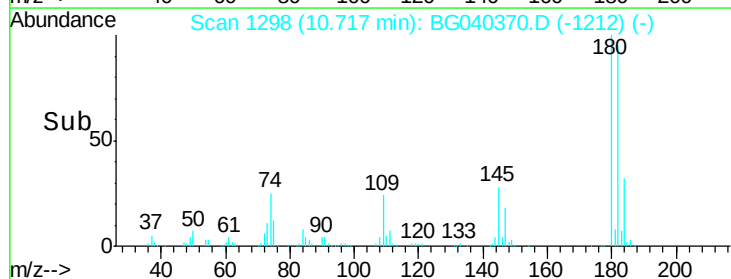
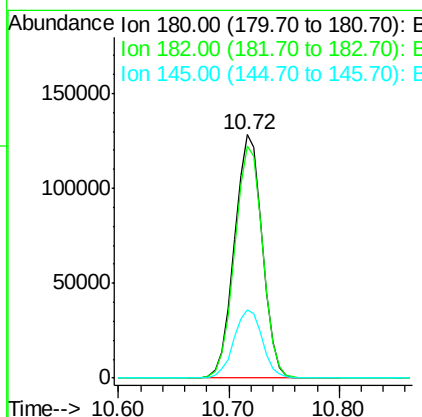
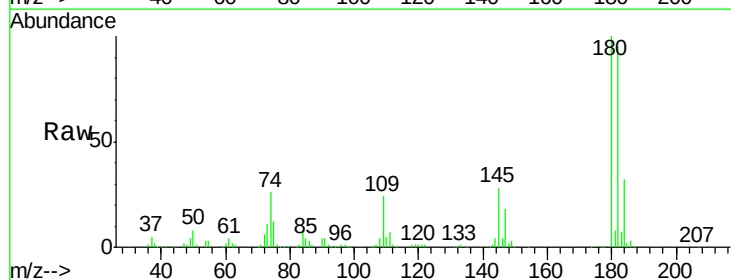
Instrument :
 BNA_G
 ClientSampleId :

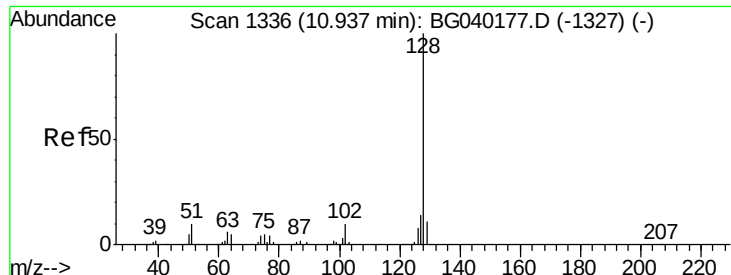
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.9	83.9
98	36.9	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.320 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.1	112.7
145	28.2	24.1	36.1

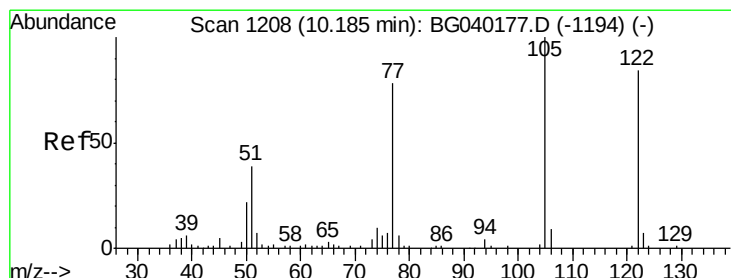
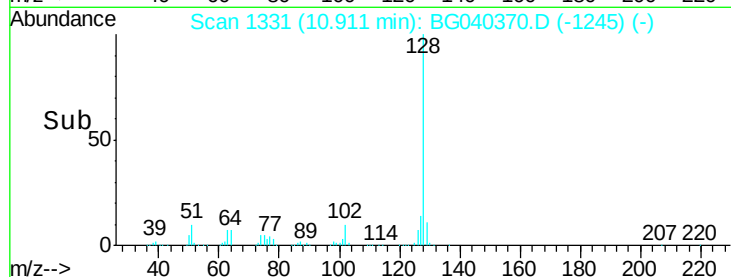
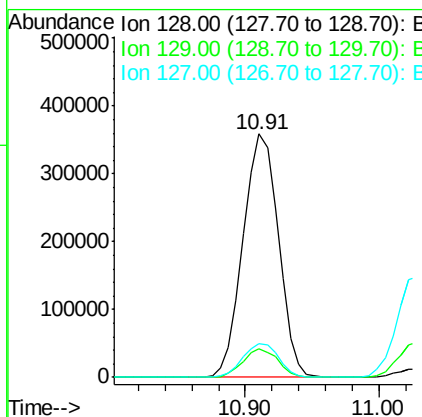
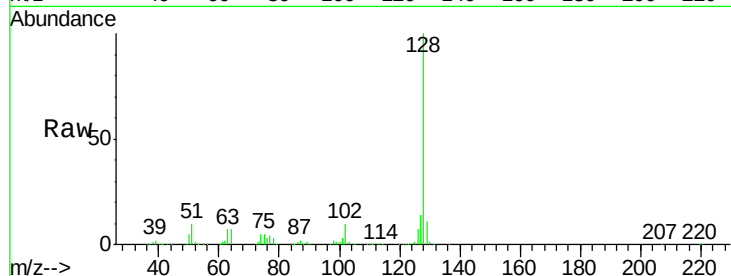




#31
Naphthalene
Concen: 41.875 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

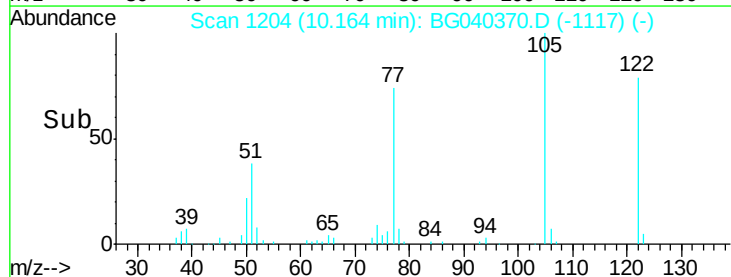
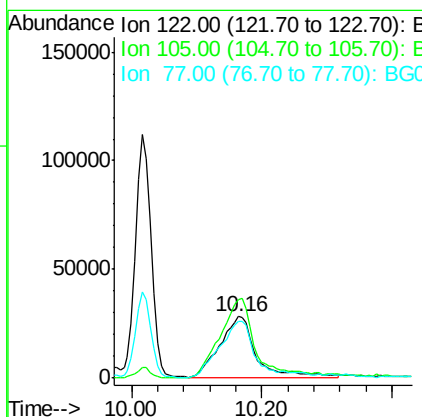
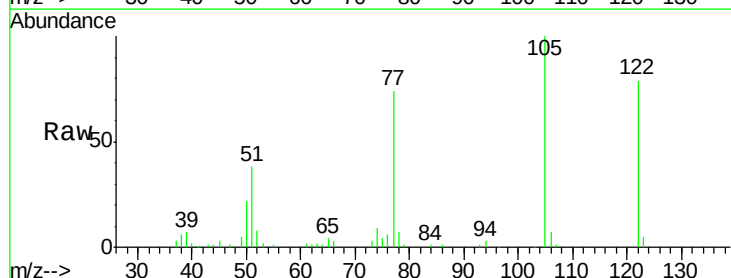
Instrument :
BNA_G
ClientSampleId :

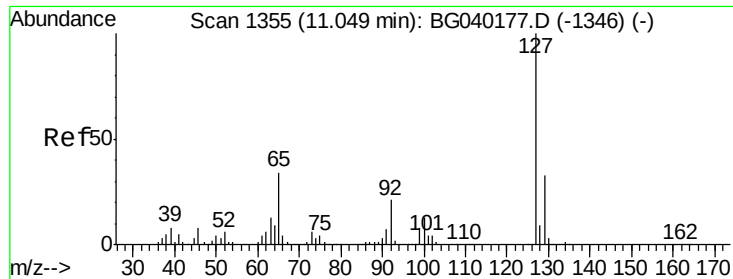
Tot Ion:128 Resp: 658712
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 39.561 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion:122 Resp: 107562
Ion Ratio Lower Upper
122 100
105 126.3 98.2 138.2
77 92.9 73.6 113.6

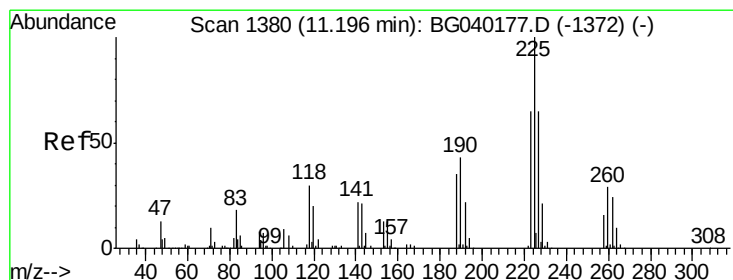
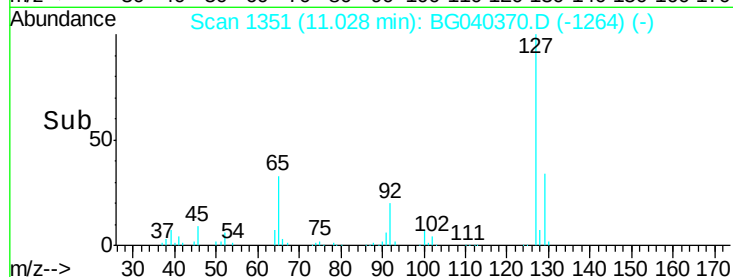
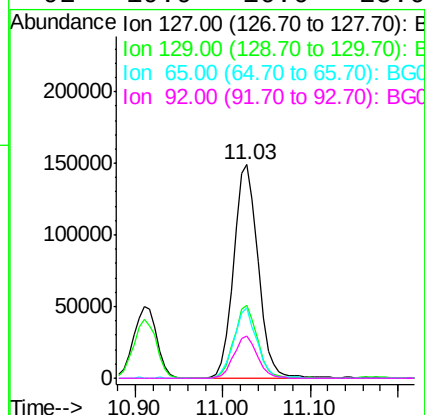
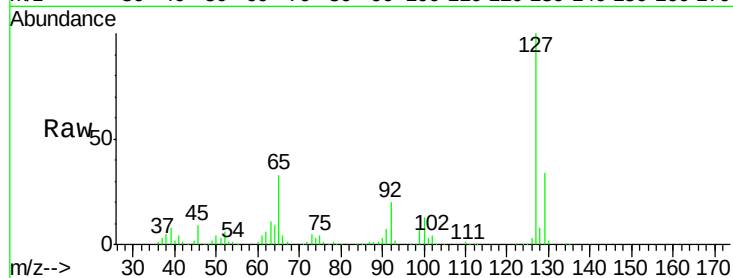




#33
4-Chloroaniline
Concen: 42.003 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

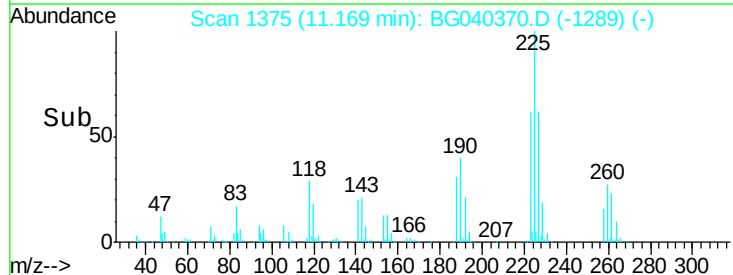
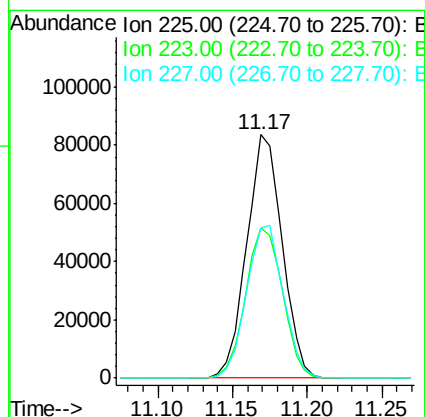
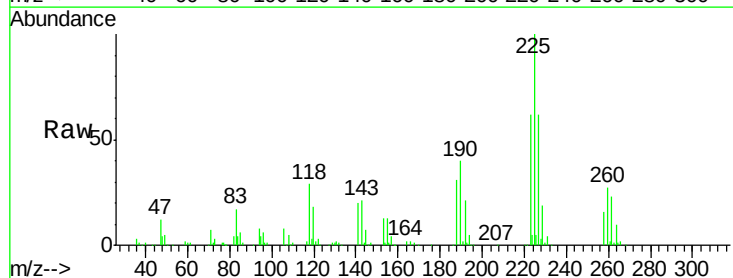
Instrument :
BNA_G
ClientSampleId :

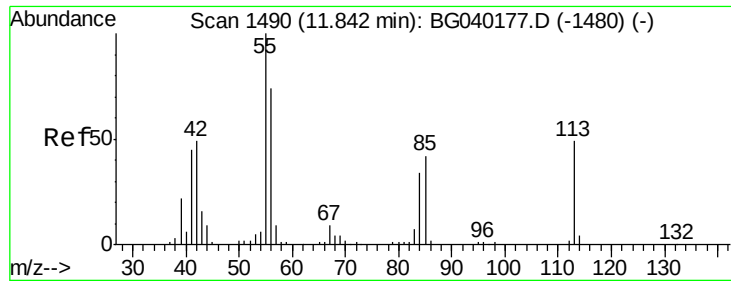
Tot Ion:	127	Resp:	281838
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	32.9	27.0	40.4
92	19.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.042 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion:	225	Resp:	137350
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.8	77.8
227	65.3	54.9	82.3





#35

Caprolactam

Concen: 27.348 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

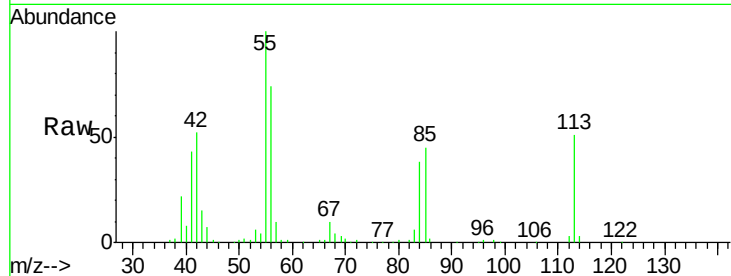
Tot Ion:113 Resp: 53011

Ion Ratio Lower Upper

113 100

55 195.2 184.2 224.2

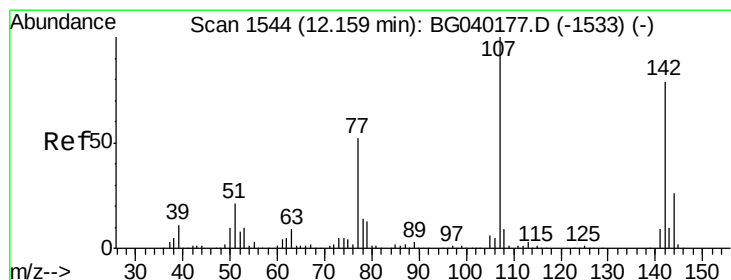
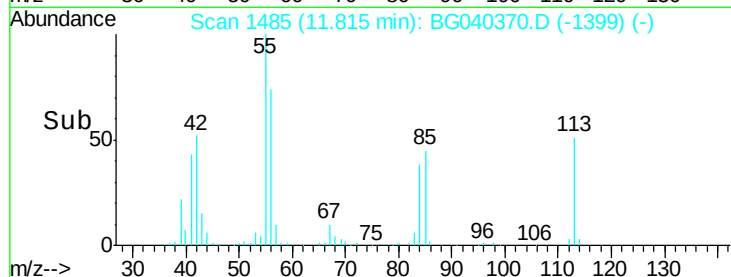
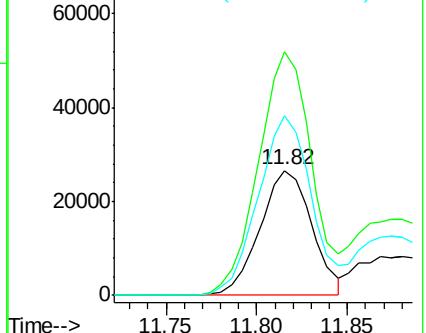
56 144.5 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.111 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

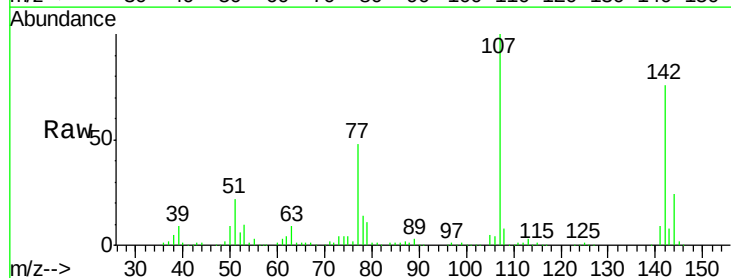
Tgt Ion:107 Resp: 242086

Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

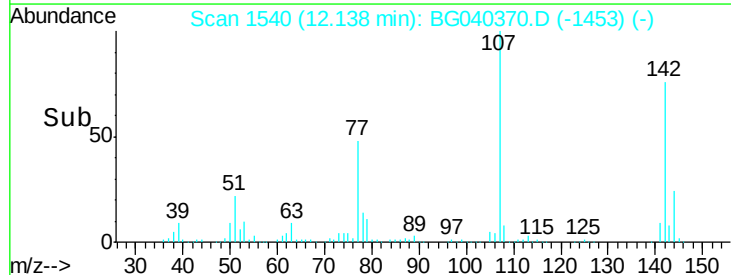
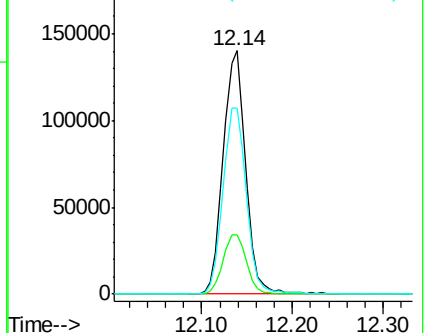
142 76.4 63.1 94.7

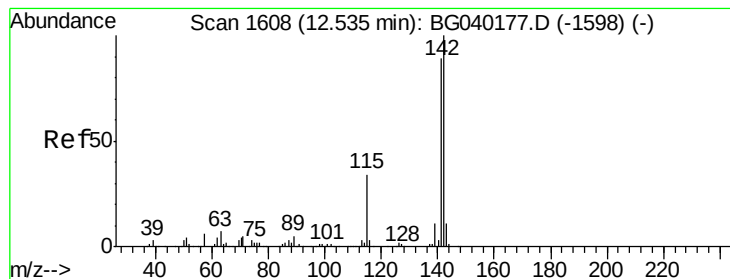


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.808 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

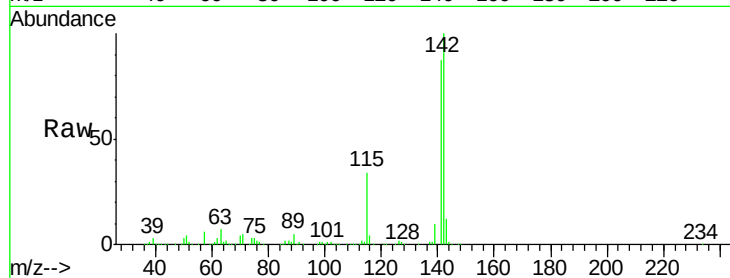
Tot Ion:142 Resp: 498029

Ion Ratio Lower Upper

142 100

141 87.0 71.0 106.6

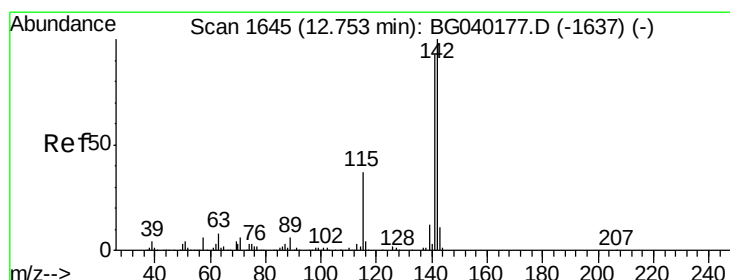
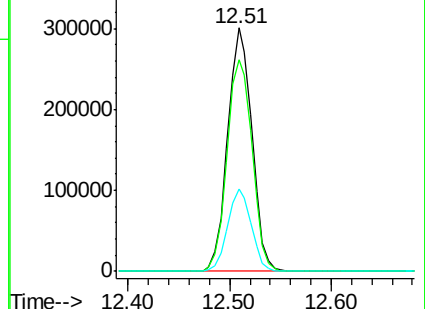
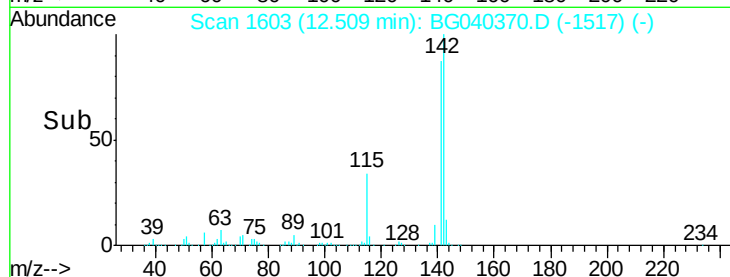
115 33.6 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.879 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

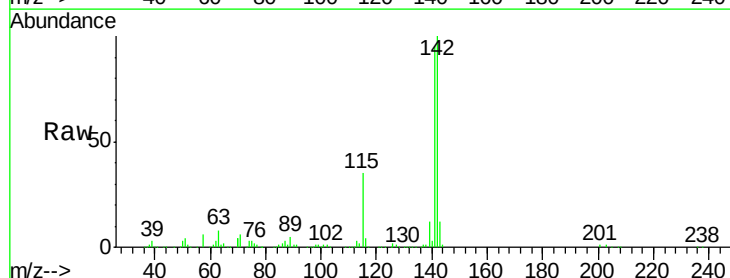
Tgt Ion:142 Resp: 472461

Ion Ratio Lower Upper

142 100

141 94.9 74.2 111.4

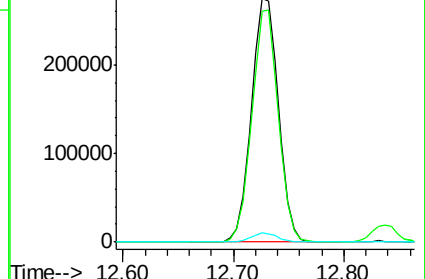
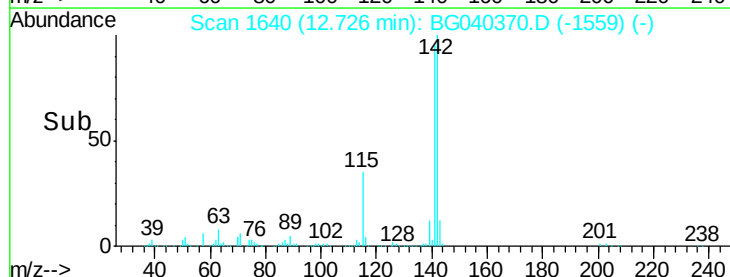
116 3.7 3.0 4.4

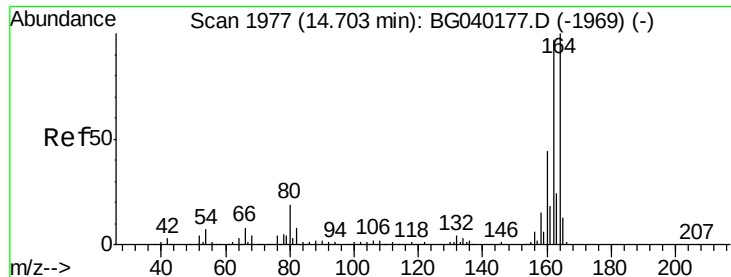


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

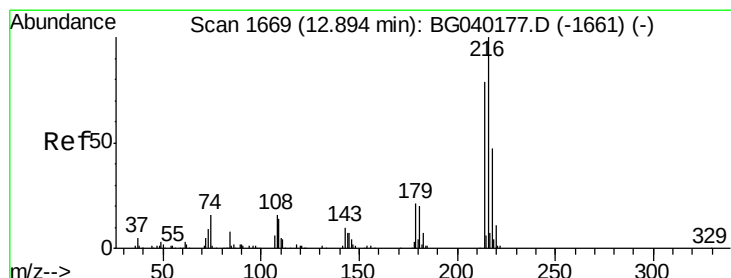
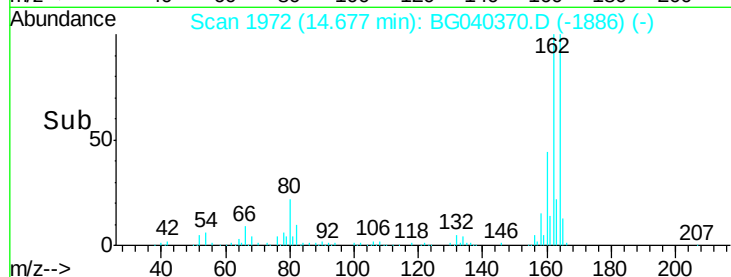
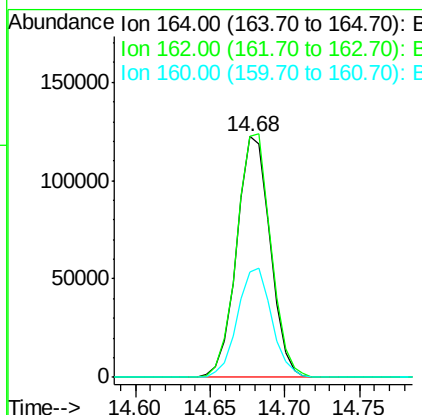
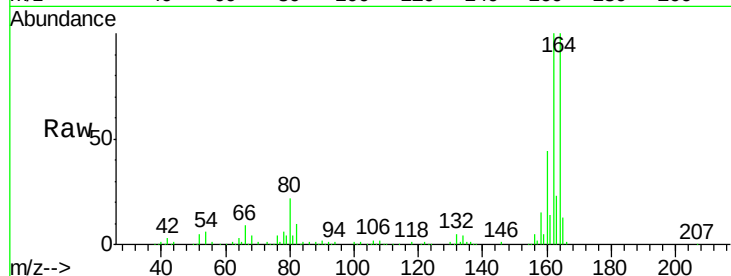




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

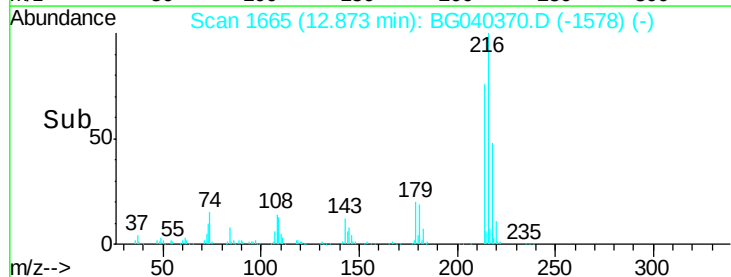
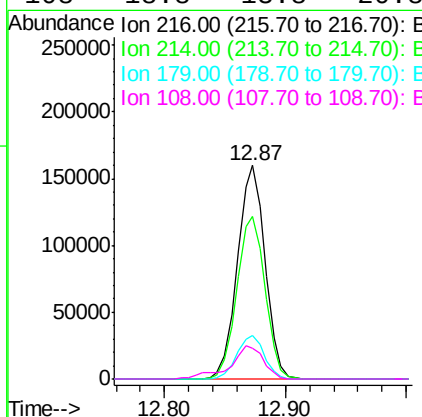
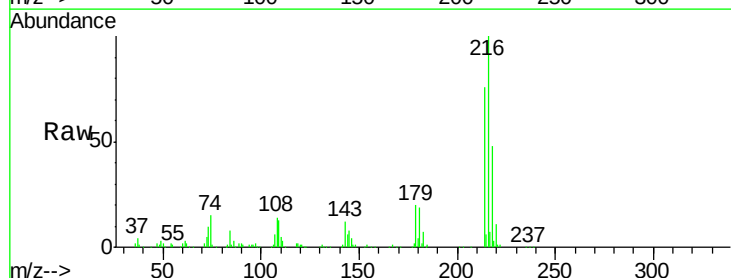
Instrument :
BNA_G
ClientSampleId :

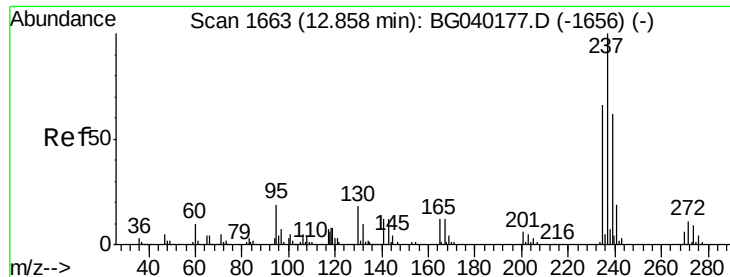
Tot Ion:164 Resp: 190860
Ion Ratio Lower Upper
164 100
162 100.1 77.4 116.2
160 43.8 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.876 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion:216 Resp: 254027
Ion Ratio Lower Upper
216 100
214 77.9 63.5 95.3
179 20.4 16.6 25.0
108 18.8 13.8 20.8

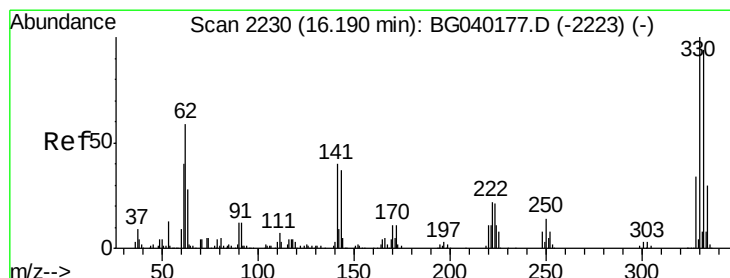
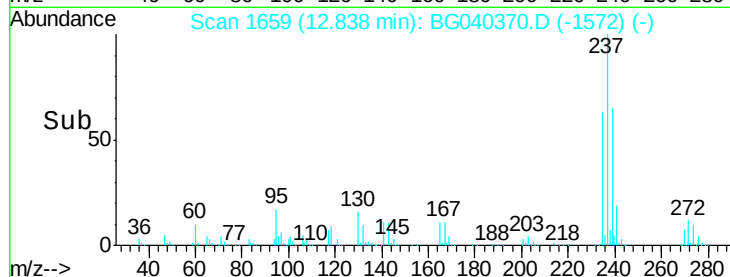
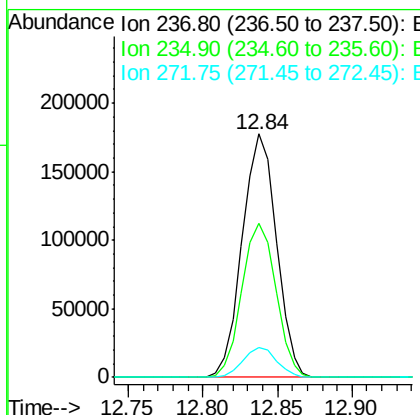
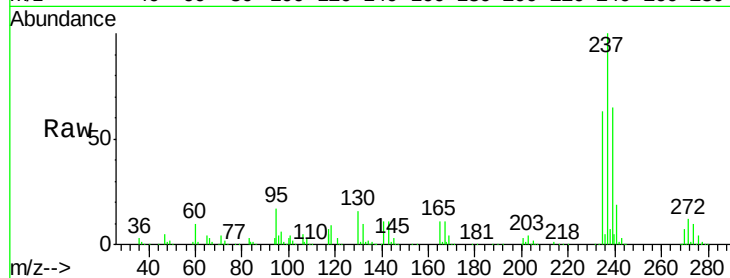




#41
Hexachlorocyclopentadiene
Concen: 84.552 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

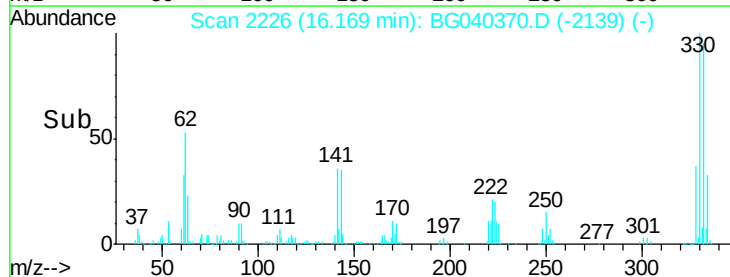
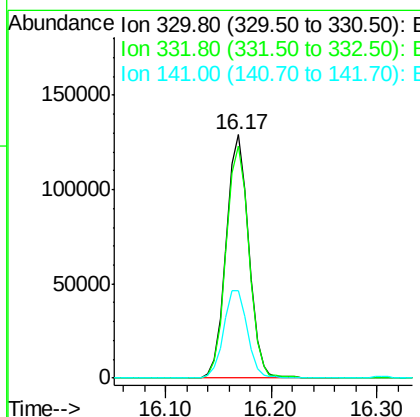
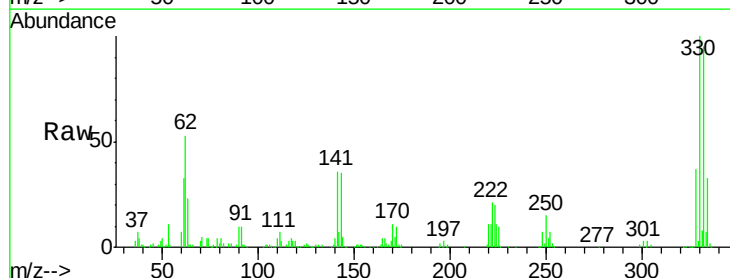
Instrument :
BNA_G
ClientSampled :

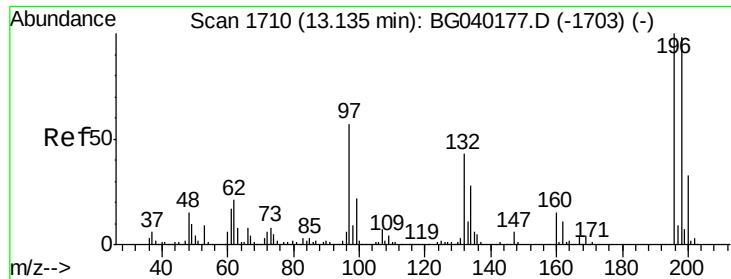
Tot Ion:237 Resp: 281623
Ion Ratio Lower Upper
237 100
235 63.5 46.2 86.2
272 12.1 0.0 30.5



#42
2,4,6-Tribromophenol
Concen: 92.565 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion:330 Resp: 190934
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 38.0 32.6 48.8

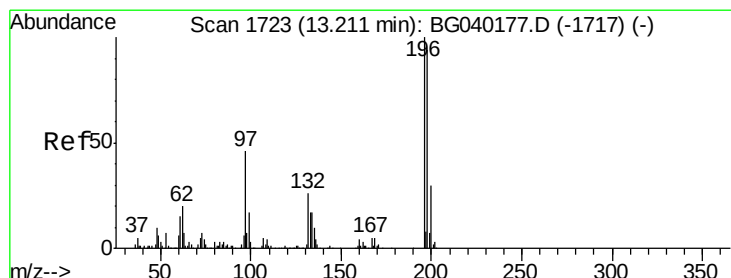
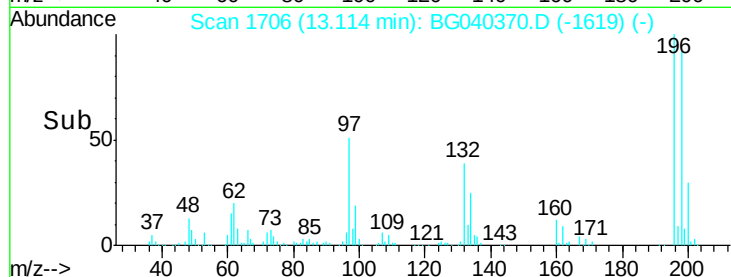
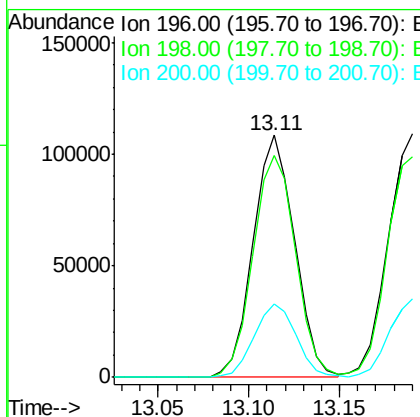
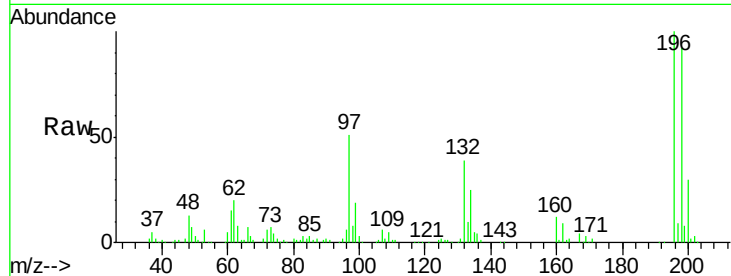




#43
 2,4,6-Trichlorophenol
 Concen: 44.044 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

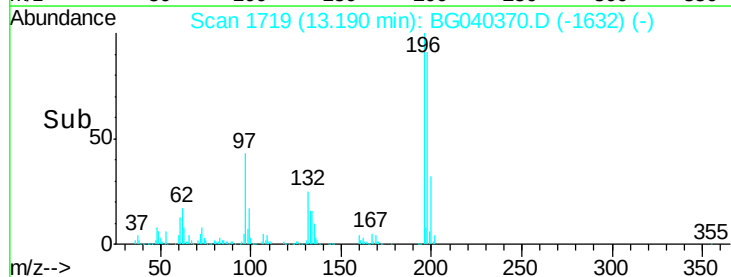
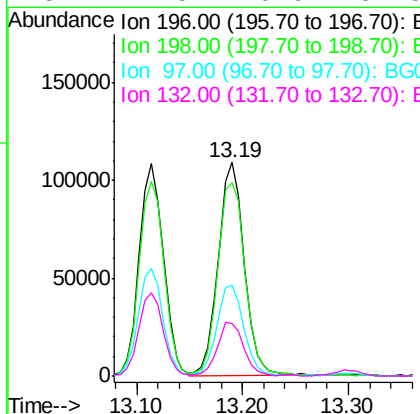
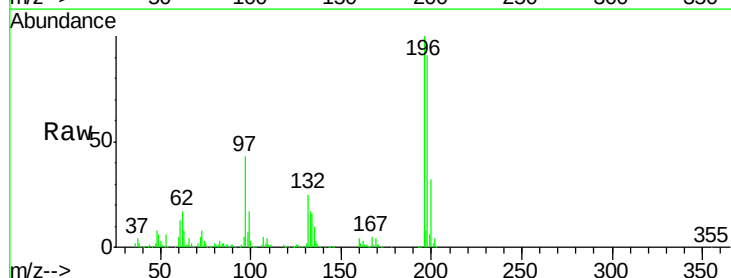
Instrument :
 BNA_G
 ClientSampleId :

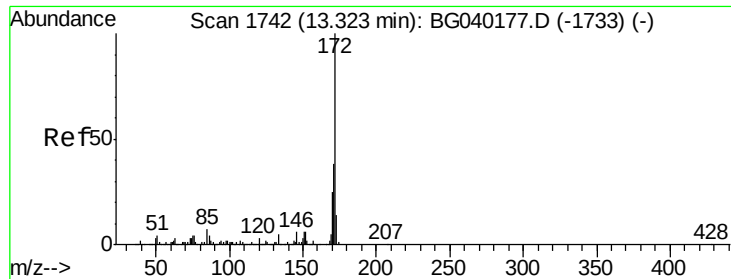
Tot Ion:196 Resp: 172259
 Ion Ratio Lower Upper
 196 100
 198 91.8 78.3 117.5
 200 30.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.085 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion:196 Resp: 187934
 Ion Ratio Lower Upper
 196 100
 198 90.7 75.0 112.6
 97 42.8 37.3 55.9
 132 24.5 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 79.771 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

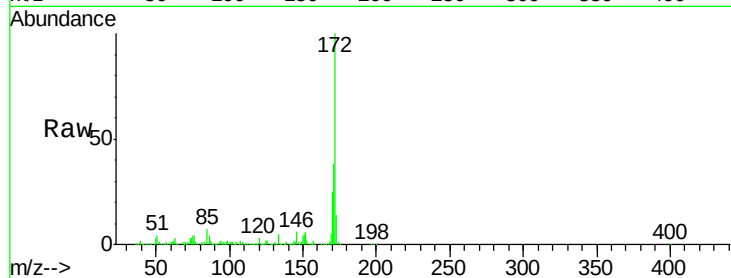
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1027504

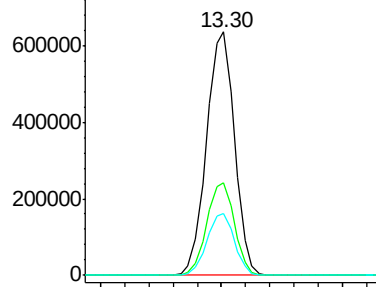
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.5	45.7
170	25.2	20.1	30.1



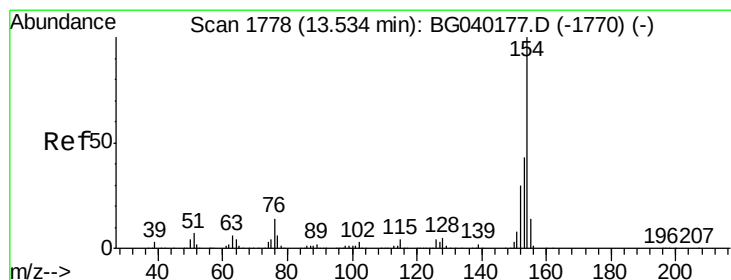
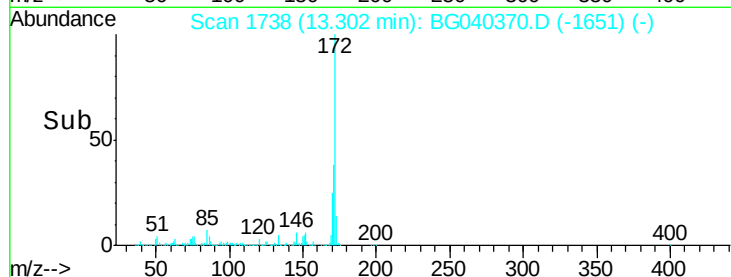
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 13.20 13.30 13.40



#46

1,1'-Biphenyl

Concen: 41.179 ng

RT: 13.51 min Scan# 1774

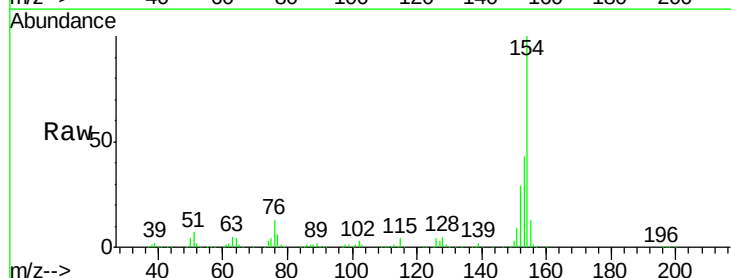
Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:154 Resp: 620994

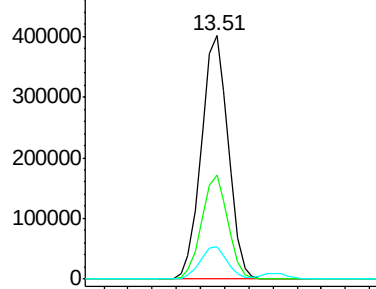
Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.5	62.5
76	13.2	0.0	33.7



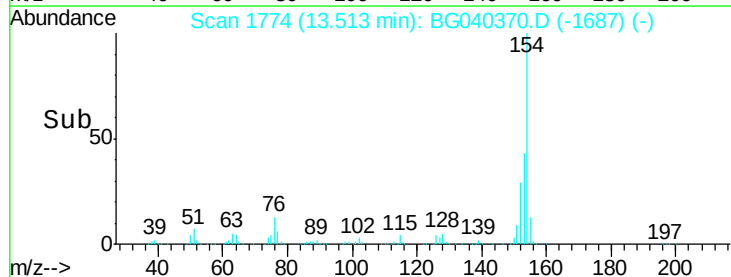
Abundance Ion 154.00 (153.70 to 154.70): E

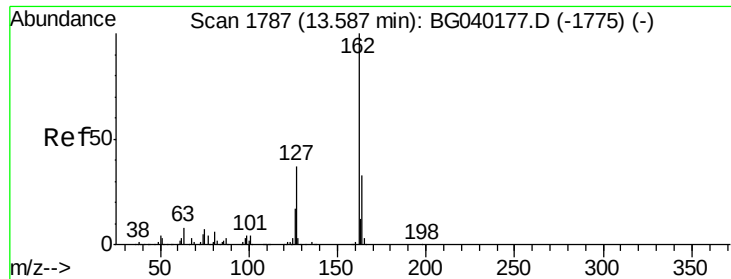
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG



Time--> 13.50 13.60

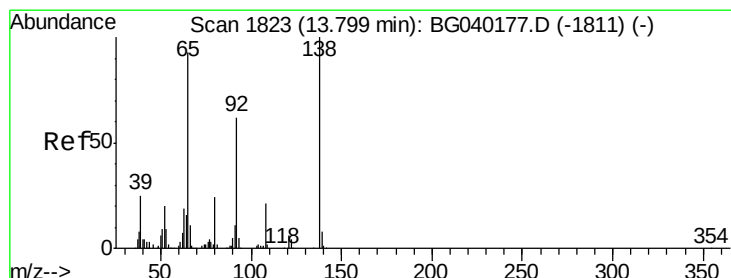
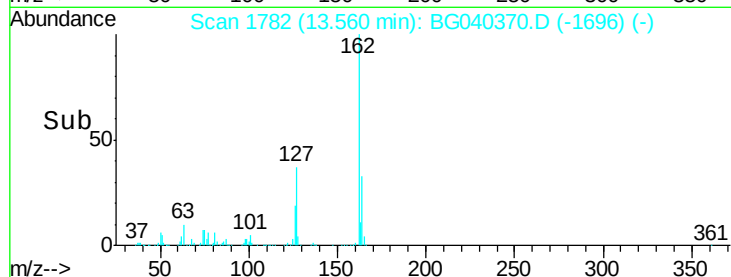
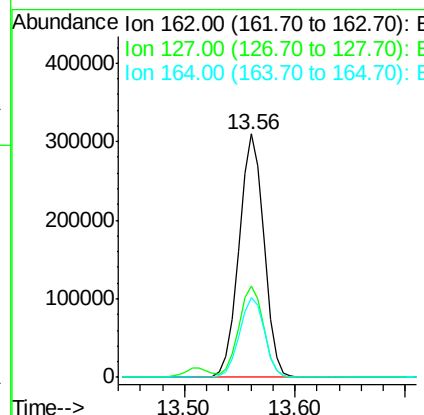
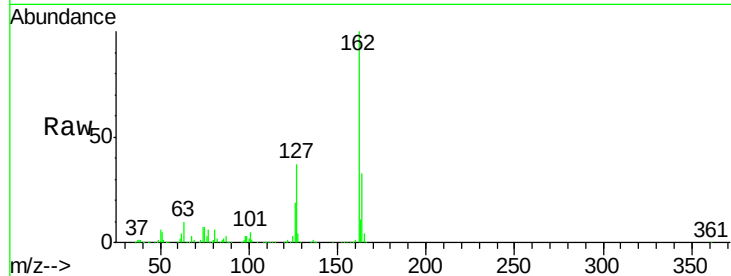




#47
 2-Chloronaphthalene
 Concen: 42.355 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

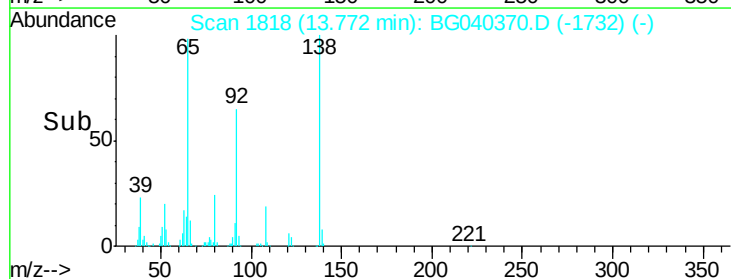
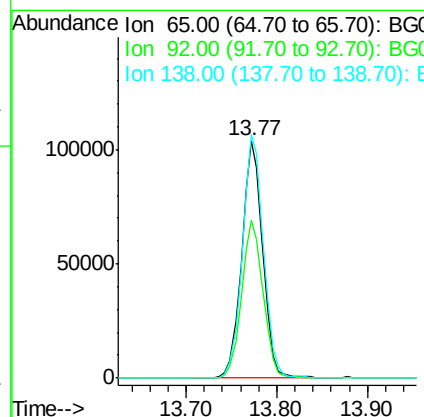
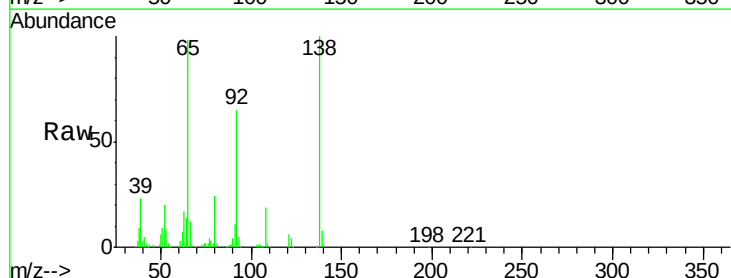
Instrument :
 BNA_G
 ClientSampleId :

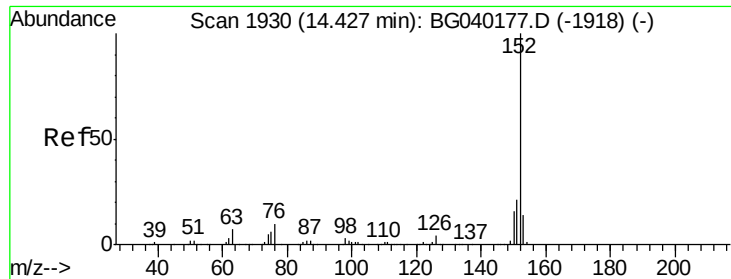
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.6	45.8
164	32.7	26.2	39.4



#48
 2-Nitroaniline
 Concen: 42.836 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	53.8	80.6
138	102.5	86.3	129.5





#49

Acenaphthylene

Concen: 40.408 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

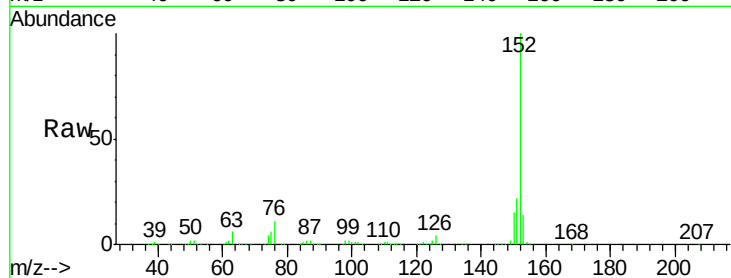
Tot Ion:152 Resp: 792503

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.6

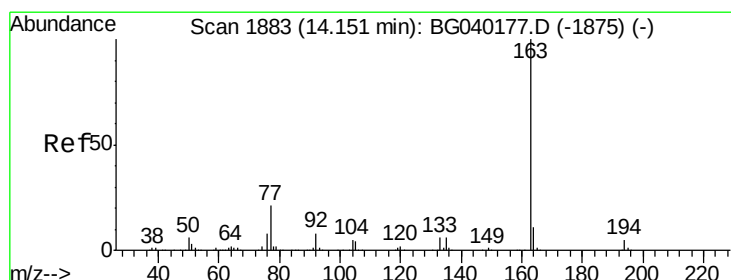
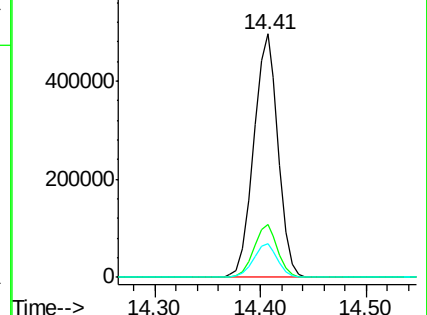
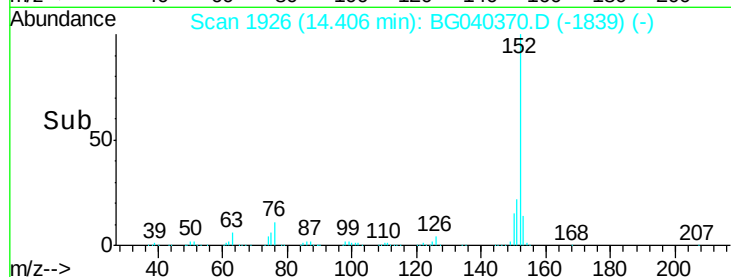
153 13.8 10.8 16.2



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: 41.746 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

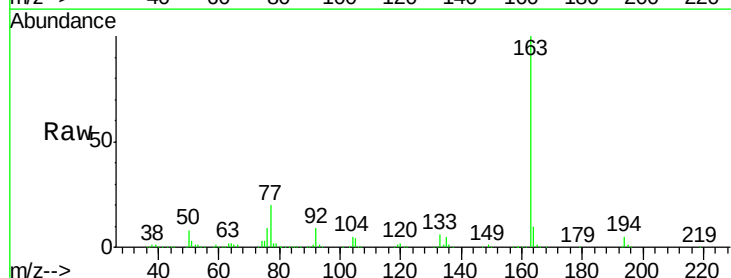
Tgt Ion:163 Resp: 623582

Ion Ratio Lower Upper

163 100

194 4.9 4.1 6.1

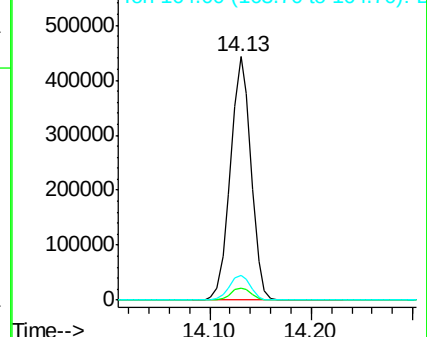
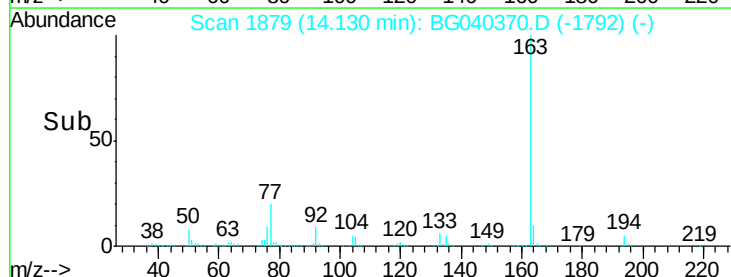
164 10.2 8.6 13.0

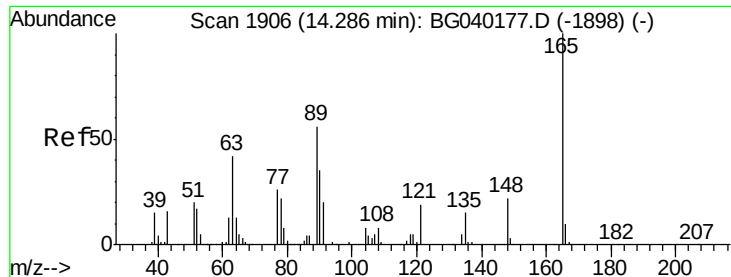


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.726 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

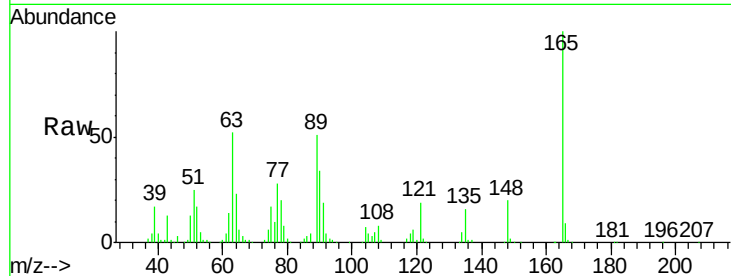
Tot Ion:165 Resp: 146658

Ion Ratio Lower Upper

165 100

63 51.6 44.1 66.1

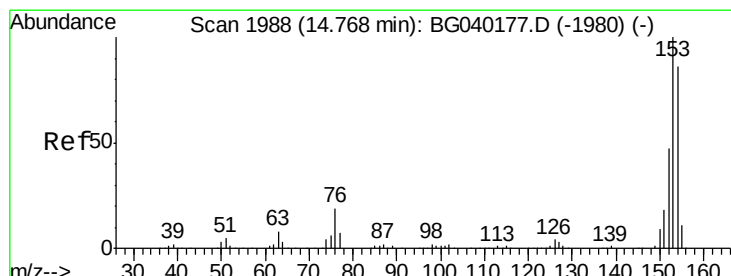
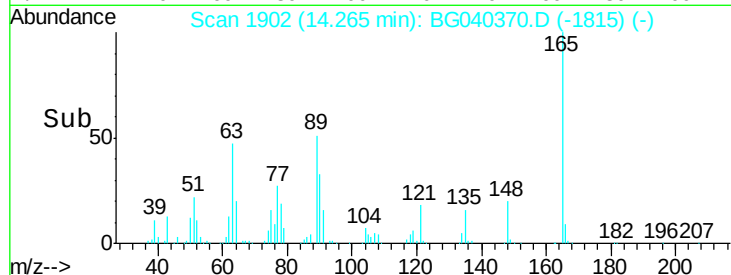
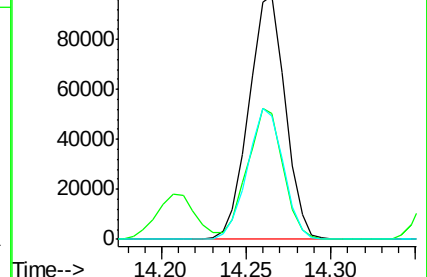
89 50.8 44.9 67.3



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



#52

Acenaphthene

Concen: 41.371 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

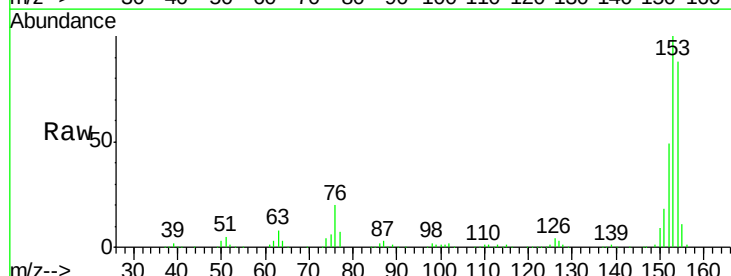
Tgt Ion:154 Resp: 464936

Ion Ratio Lower Upper

154 100

153 113.7 92.8 139.2

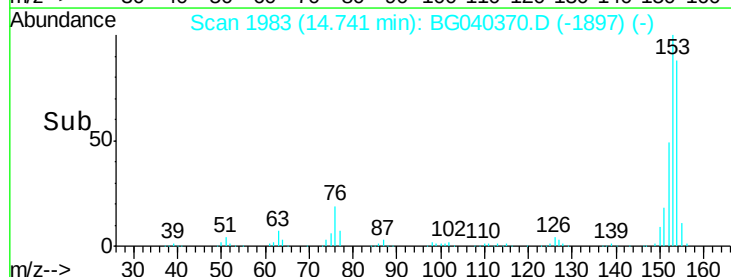
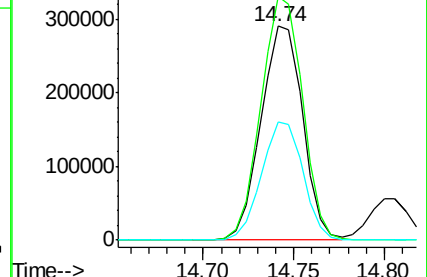
152 55.4 43.4 65.2

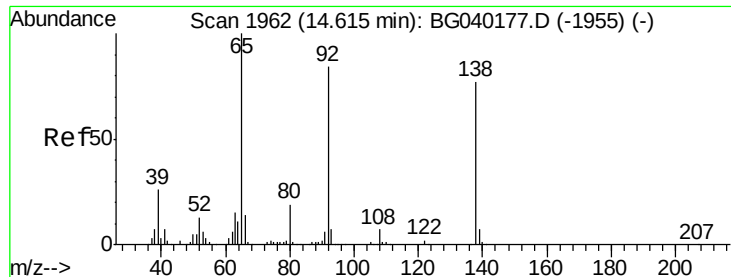


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.624 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

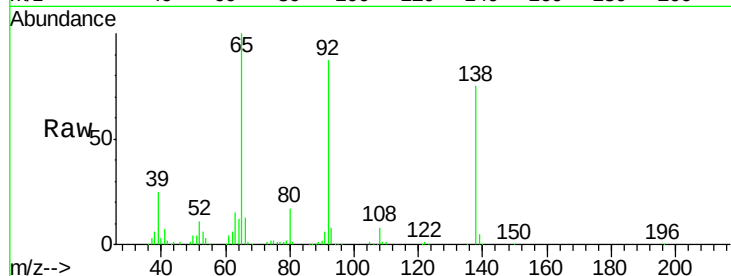
Tot Ion:138 Resp: 147778

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.8

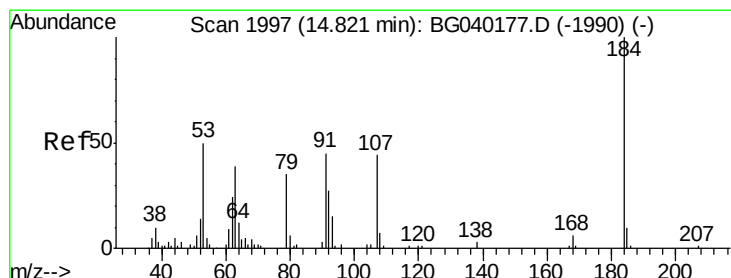
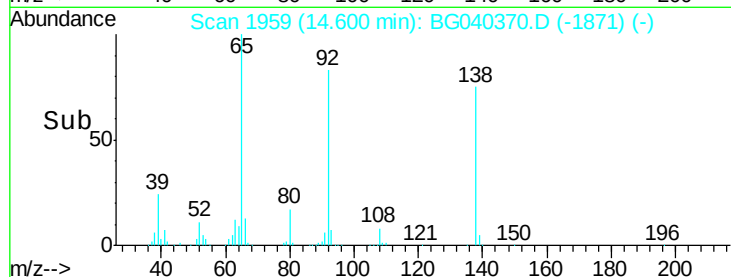
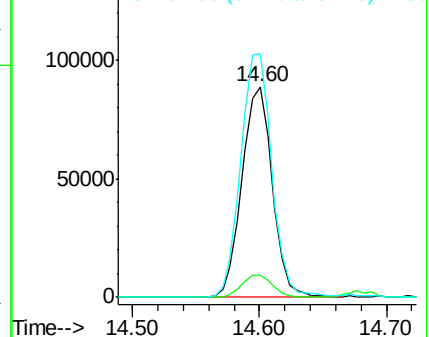
92 115.6 87.5 131.3



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): B



#54

2,4-Dinitrophenol

Concen: 93.761 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

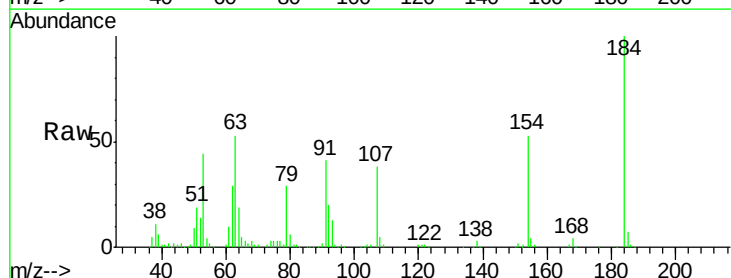
Tgt Ion:184 Resp: 167245

Ion Ratio Lower Upper

184 100

63 53.4 51.8 77.8

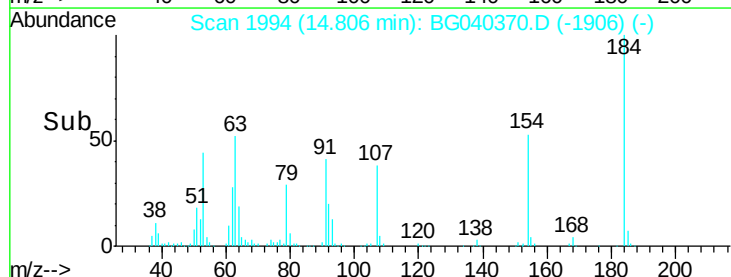
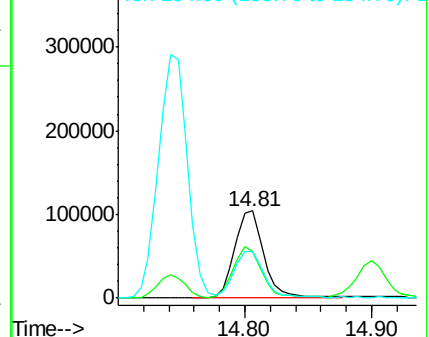
154 53.3 50.9 76.3

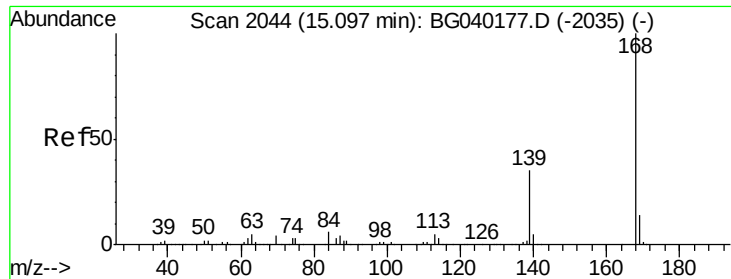


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

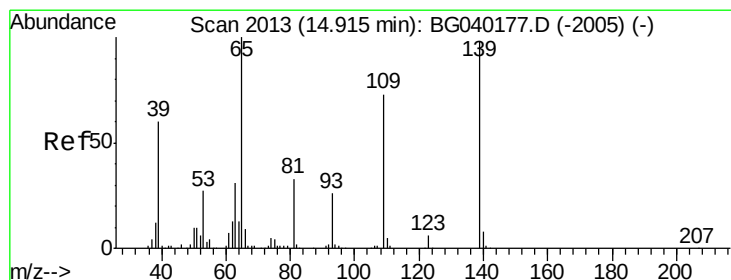
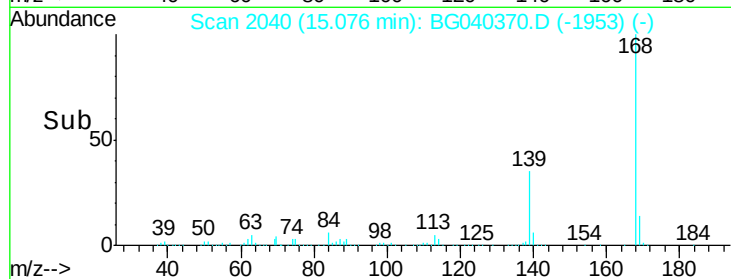
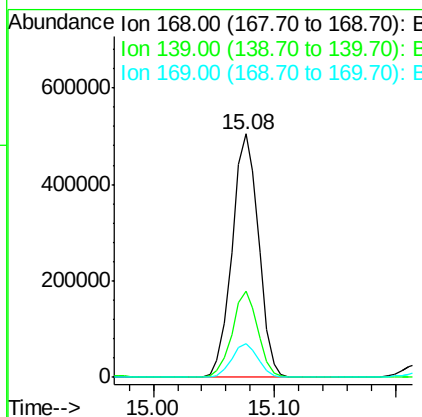
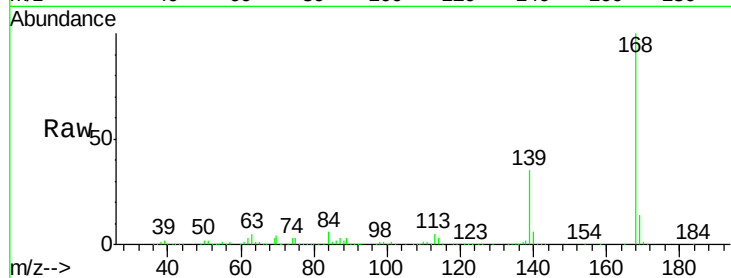




#55
Dibenzenofuran
Concen: 42.677 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

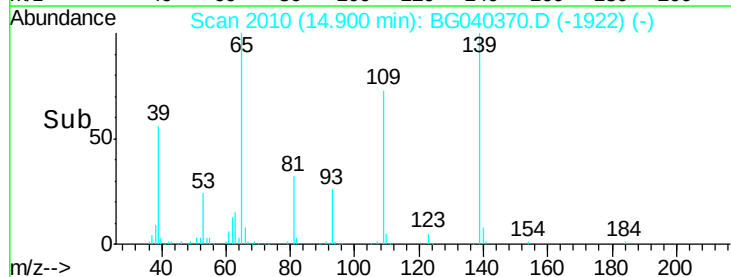
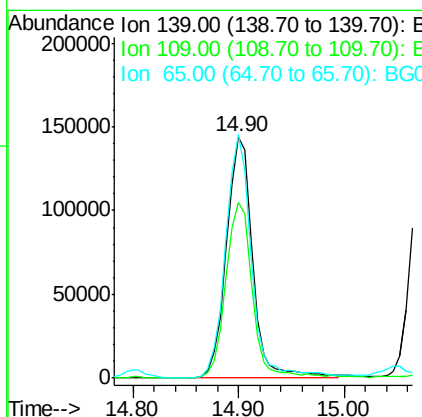
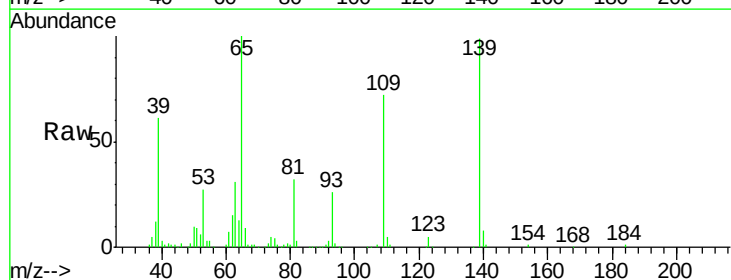
Instrument :
BNA_G
ClientSampleId :

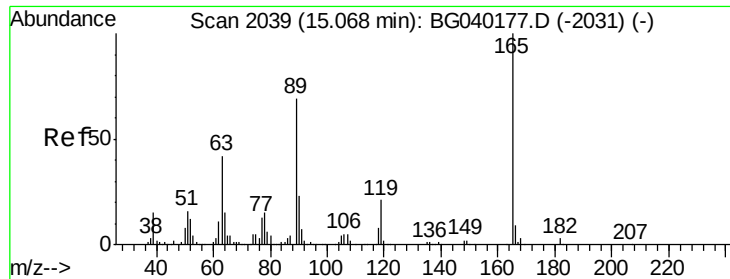
Tot Ion:168 Resp: 770687
Ion Ratio Lower Upper
168 100
139 35.2 27.9 41.9
169 13.9 11.3 16.9



#56
4-Nitrophenol
Concen: 86.357 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion:139 Resp: 247448
Ion Ratio Lower Upper
139 100
109 73.0 54.3 94.3
65 101.0 82.5 122.5

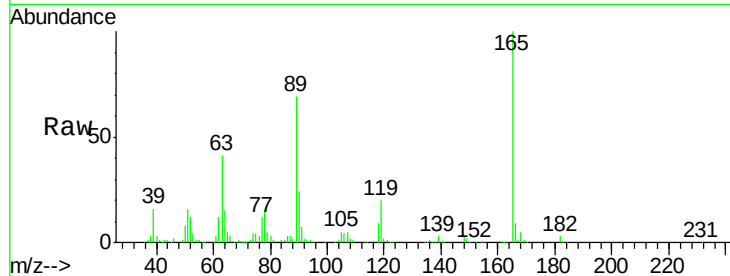




#57
2,4-Dinitrotoluene
Concen: 44.751 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.3	33.8	50.6
89	69.3	55.4	83.2
182	2.8	2.2	3.4

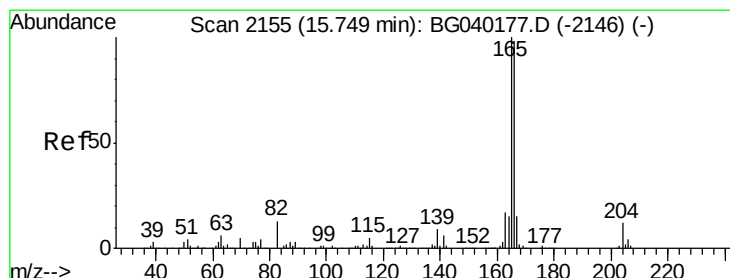
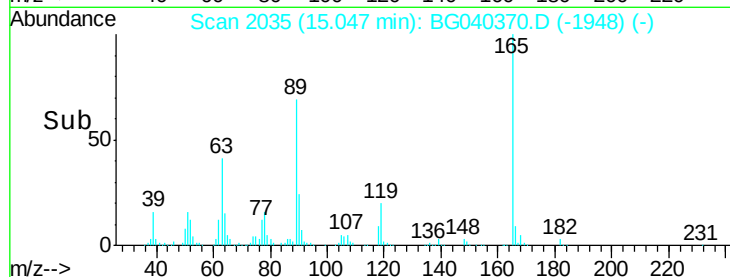
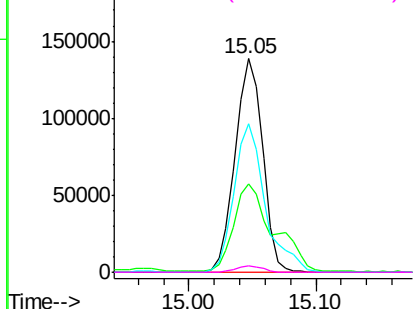


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

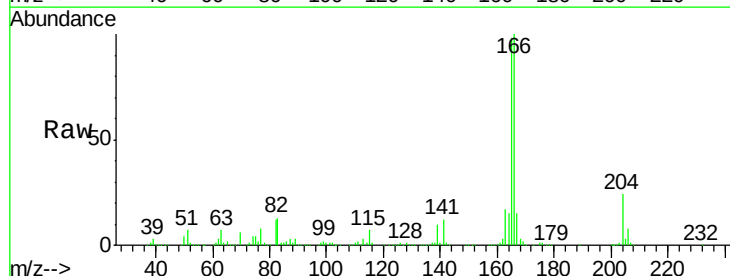
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.366 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

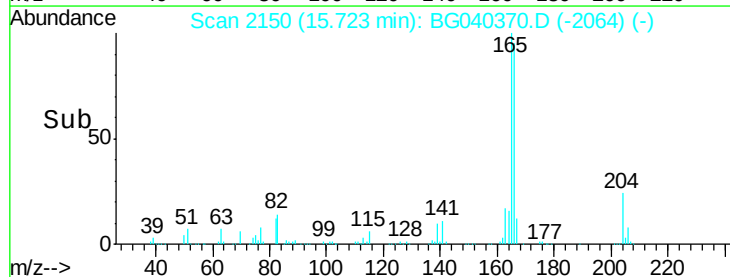
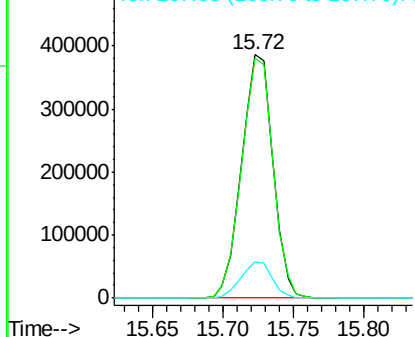
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	81.7	122.5
167	14.7	11.9	17.9

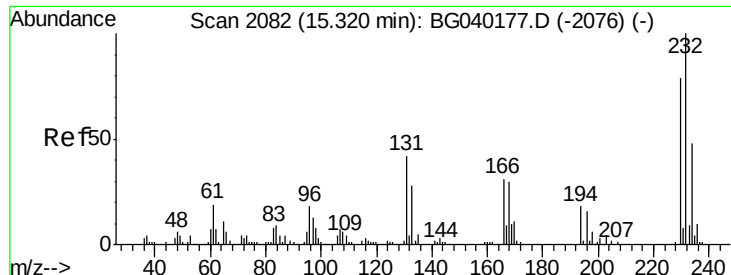


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

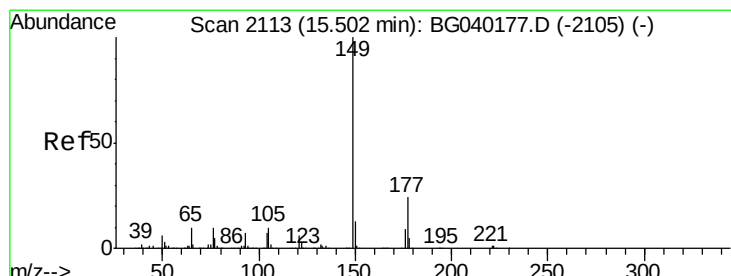
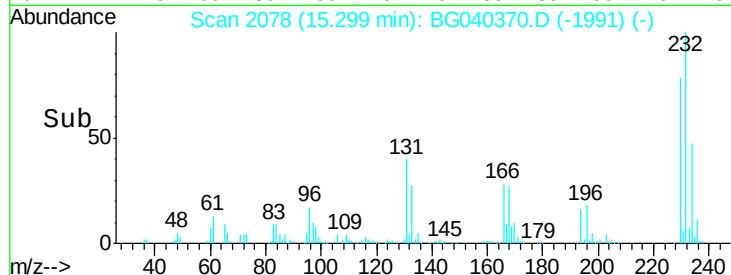
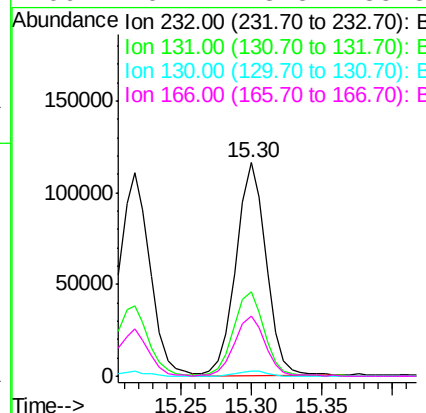
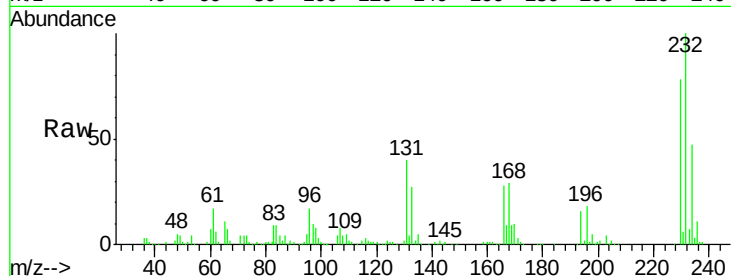




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.695 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

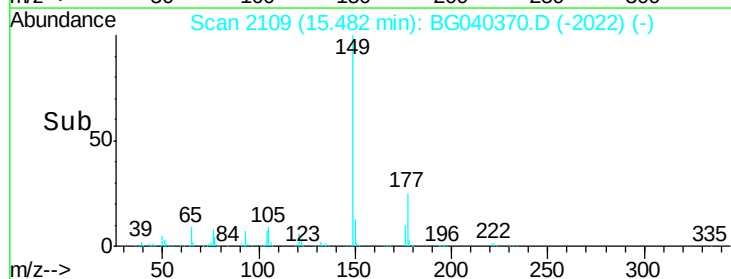
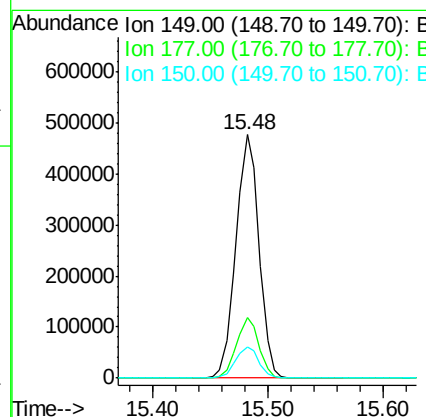
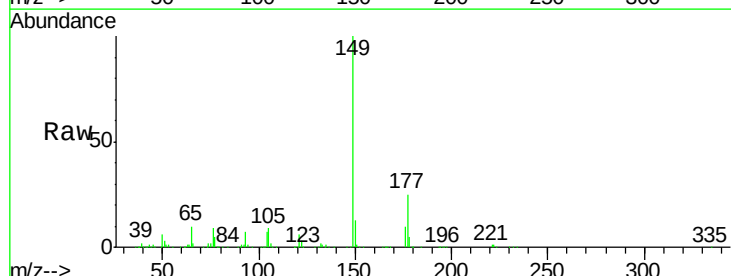
Instrument :
 BNA_G
 ClientSampleId :

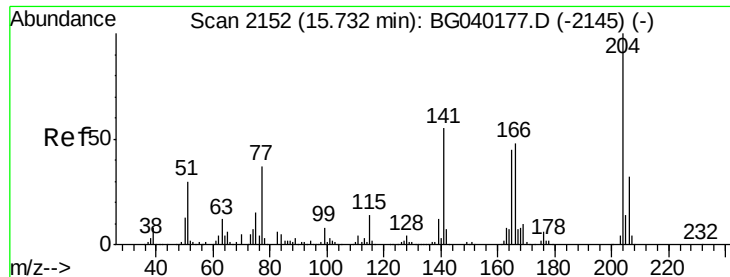
Tot Ion:	232	Resp:	172898
Ion	Ratio	Lower	Upper
232	100		
131	41.5	32.9	49.3
130	2.4	1.8	2.8
166	29.7	23.5	35.3



#60
 Diethylphthalate
 Concen: 42.963 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion:	149	Resp:	656701
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.1	28.7
150	13.0	10.6	15.8

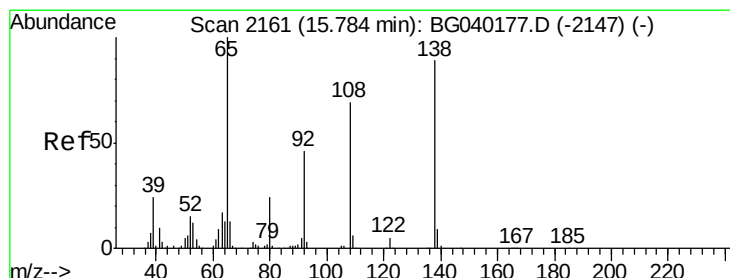
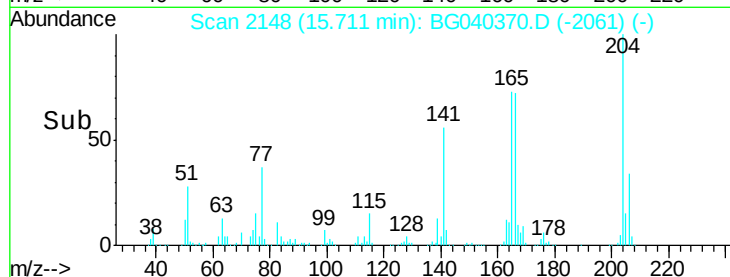
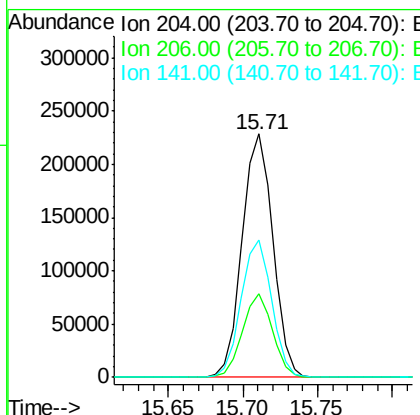
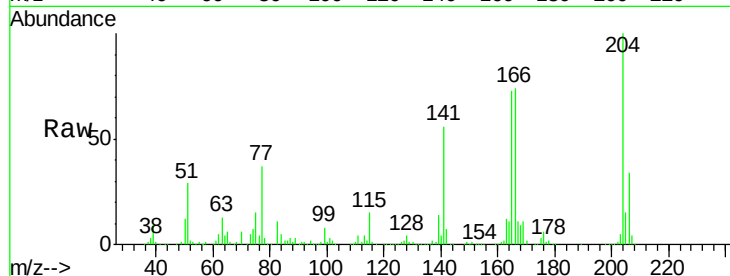




#61
4-Chlorophenyl-phenylether
Concen: 42.882 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

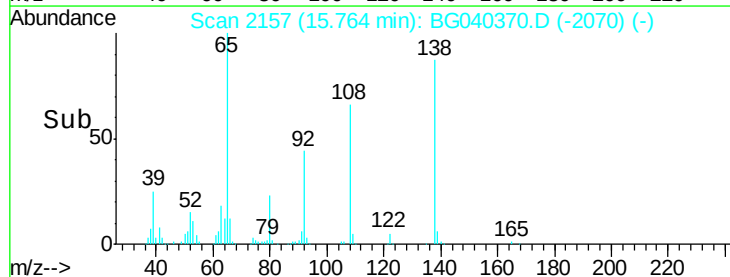
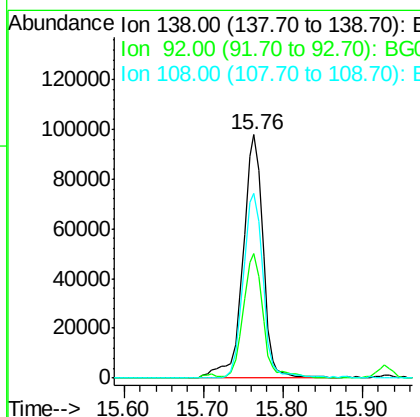
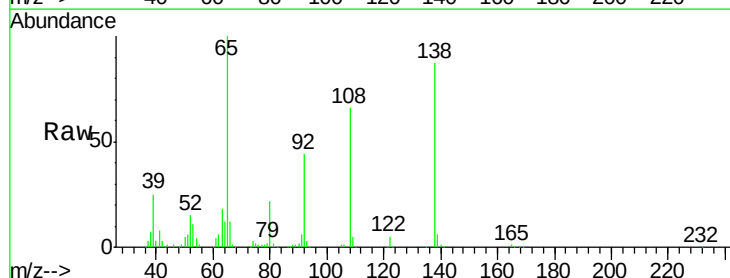
Instrument :
BNA_G
ClientSampleId :

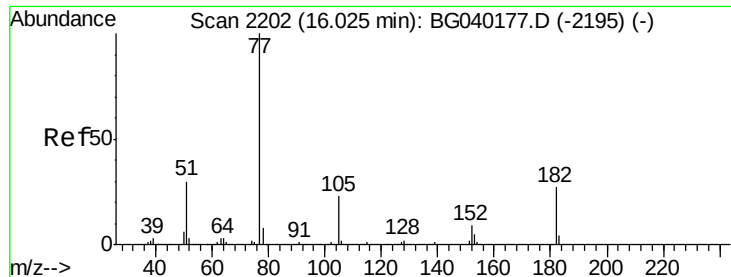
Tot Ion:204 Resp: 325438
Ion Ratio Lower Upper
204 100
206 34.3 25.7 38.5
141 56.3 44.0 66.0



#62
4-Nitroaniline
Concen: 45.354 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion:138 Resp: 172803
Ion Ratio Lower Upper
138 100
92 50.9 31.8 71.8
108 75.7 57.2 97.2

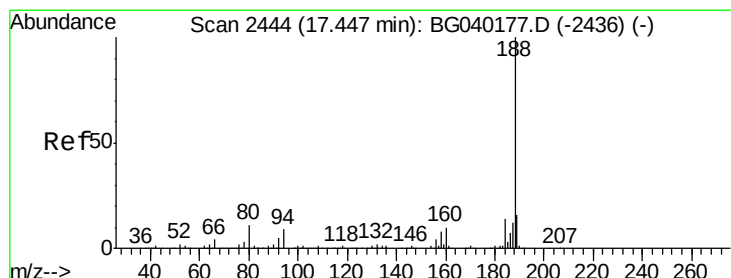
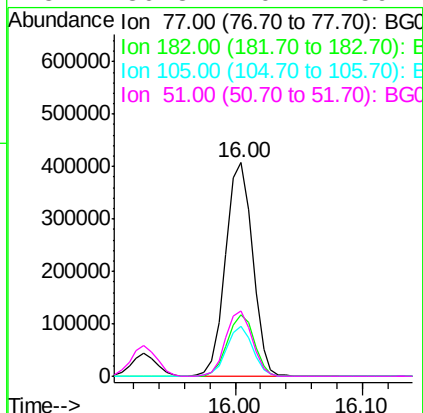
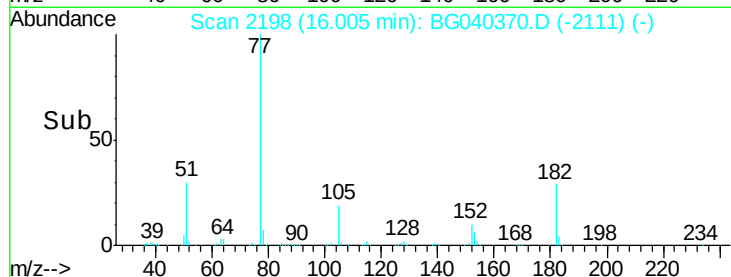
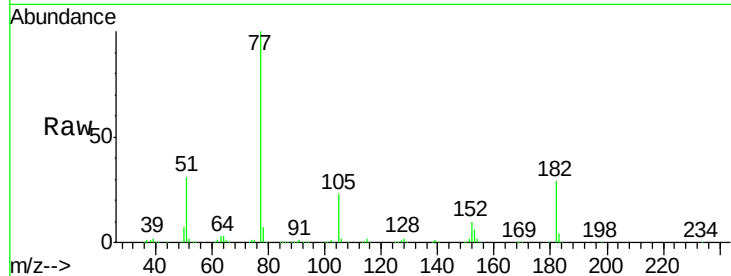




#63
Azobenzene
Concen: 41.577 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

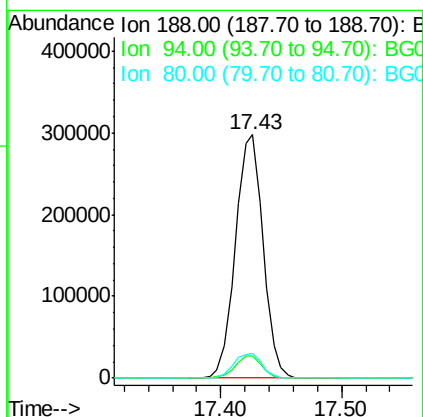
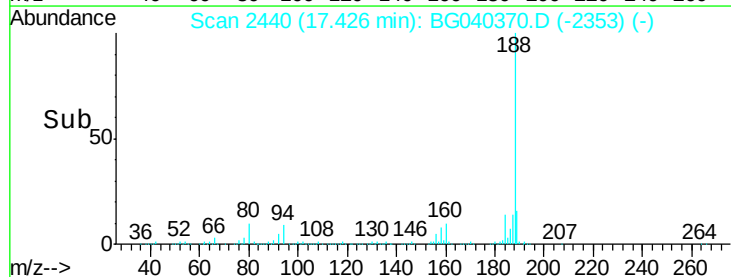
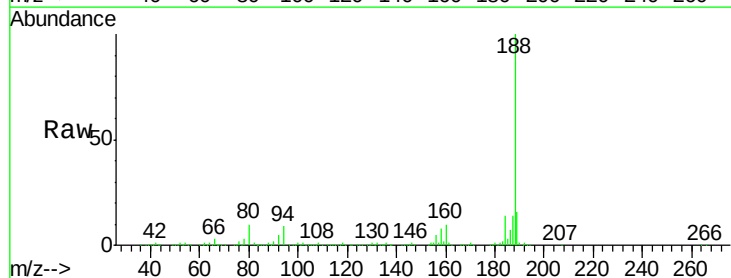
Instrument :
BNA_G
ClientSampleId :

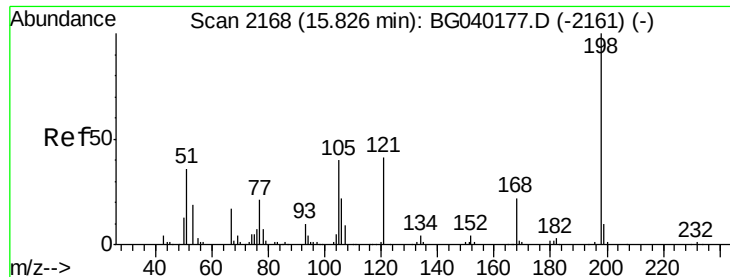
Tot Ion: 77 Resp: 599460
Ion Ratio Lower Upper
77 100
182 28.6 7.2 47.2
105 23.2 2.8 42.8
51 30.8 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion: 188 Resp: 475596
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.2 8.6 13.0

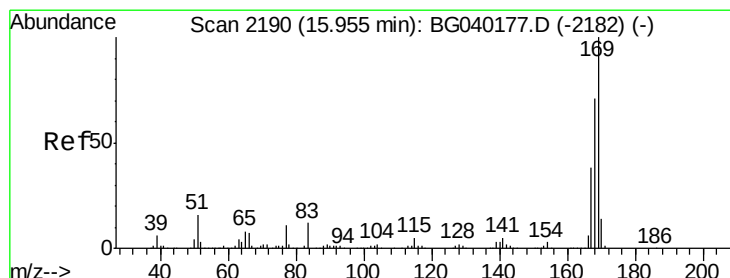
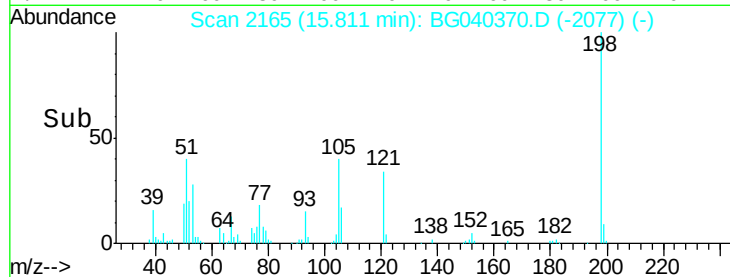
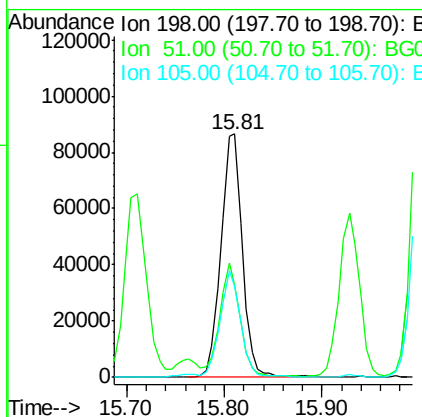
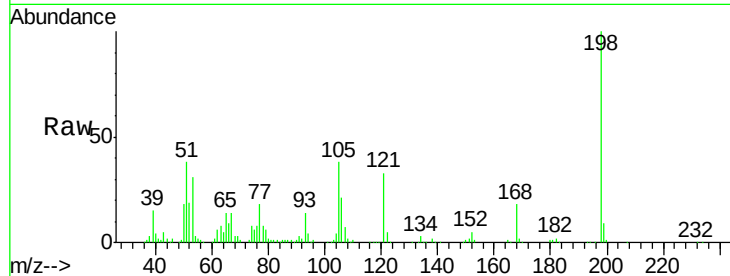




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.299 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

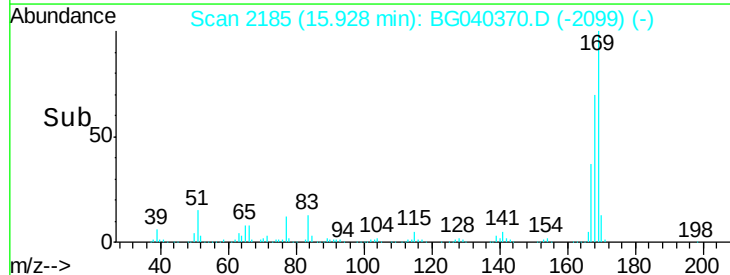
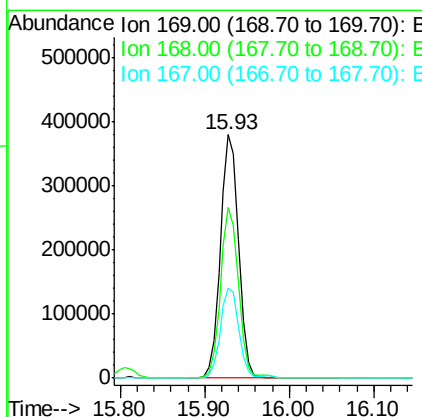
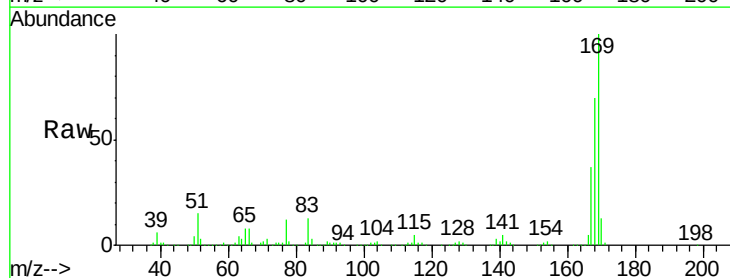
Instrument :
 BNA_G
 ClientSampleId :

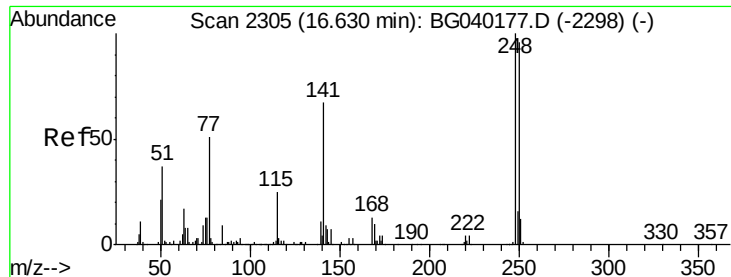
Tot Ion	Ratio	Lower	Upper
198	100		
51	37.8	27.3	67.3
105	37.6	21.7	61.7



#66
 n-Nitrosodiphenylamine
 Concen: 40.701 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040370.D
 Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	56.8	85.2
167	37.1	30.2	45.4

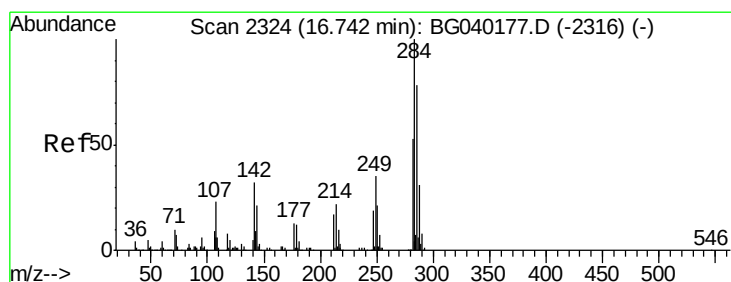
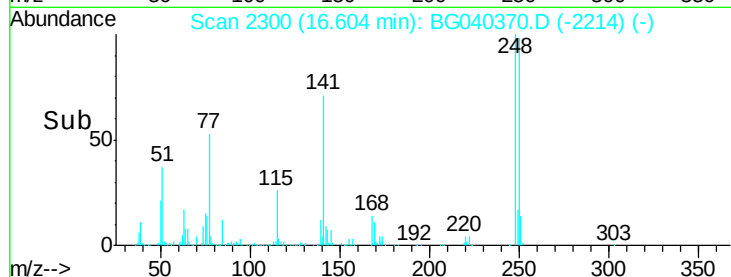
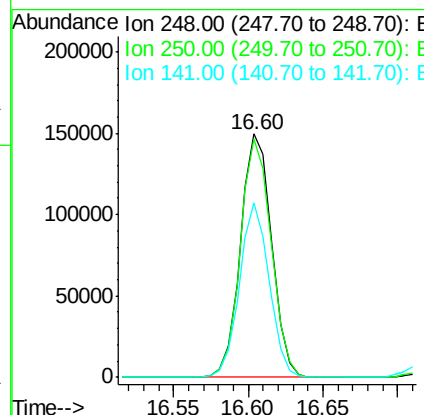
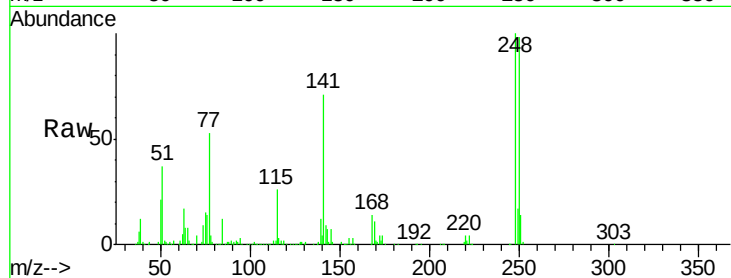




#67
4-Bromophenyl-phenylether
Concen: 40.169 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

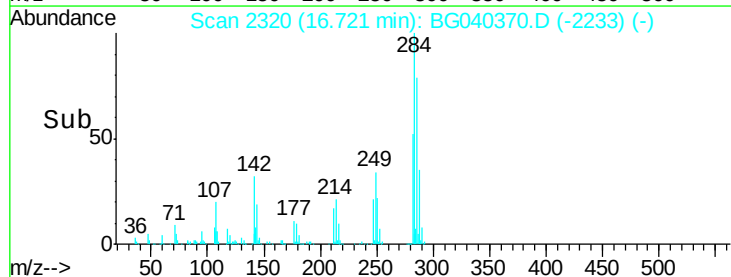
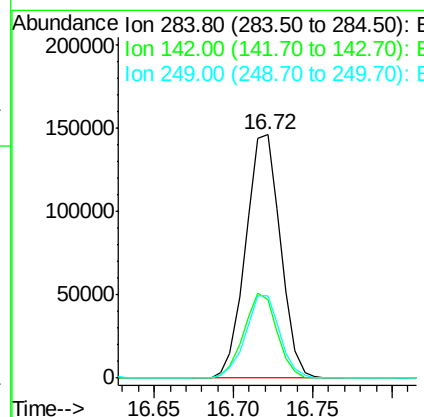
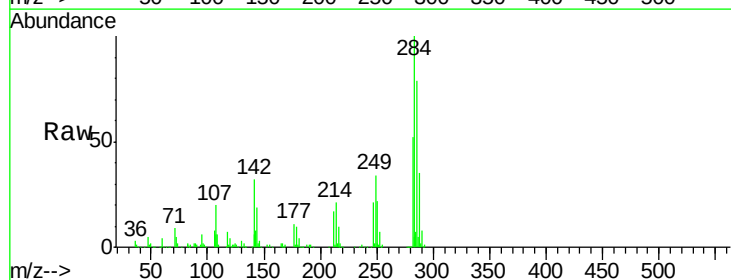
Instrument :
BNA_G
ClientSampleId :

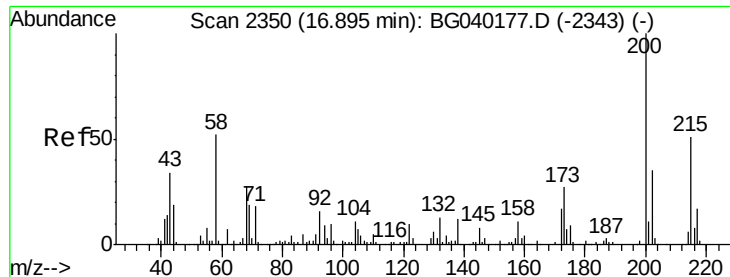
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.4	114.6
141	71.4	53.8	80.8



#68
Hexachlorobenzene
Concen: 41.341 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.3	37.9
249	34.1	28.2	42.2





#69

Atrazine

Concen: 38.144 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

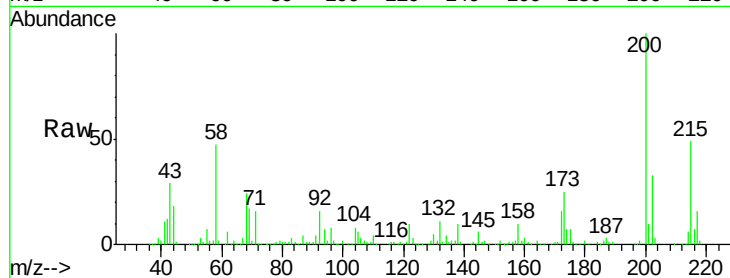
Tot Ion:200 Resp: 197476

Ion Ratio Lower Upper

200 100

173 24.9 7.1 47.1

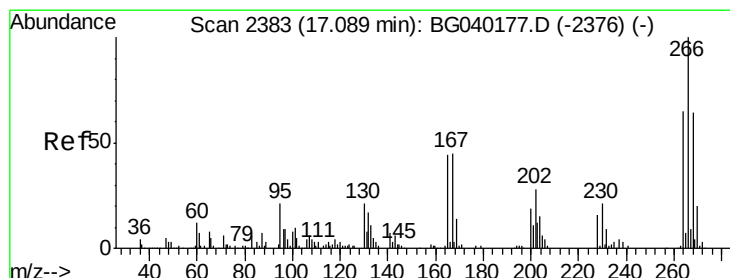
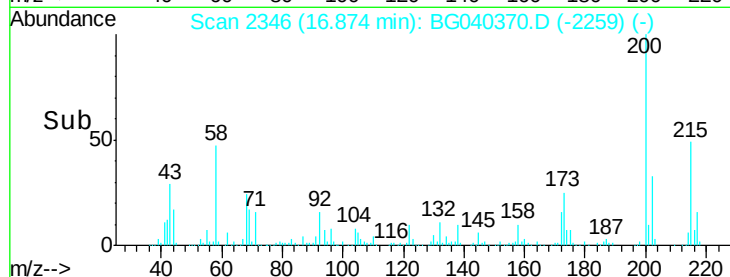
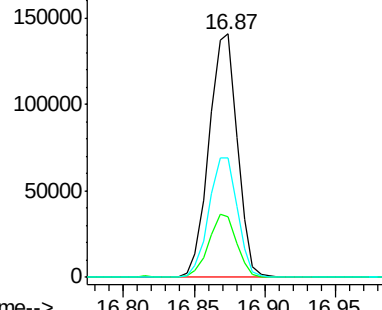
215 49.1 30.9 70.9



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: 75.069 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

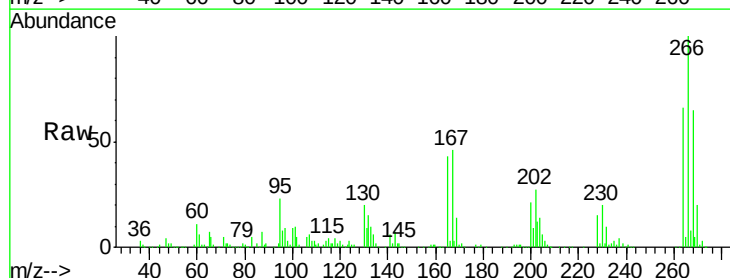
Tgt Ion:266 Resp: 233550

Ion Ratio Lower Upper

266 100

268 65.0 55.0 82.4

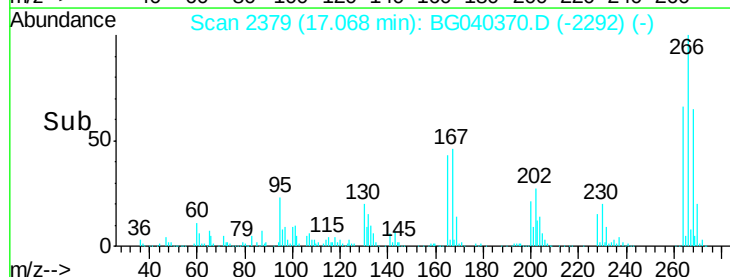
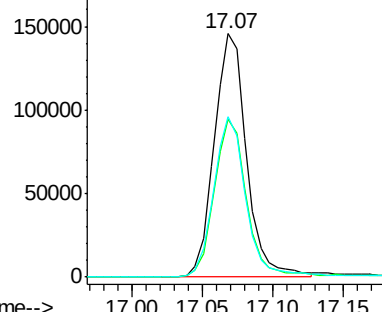
264 66.1 51.8 77.8

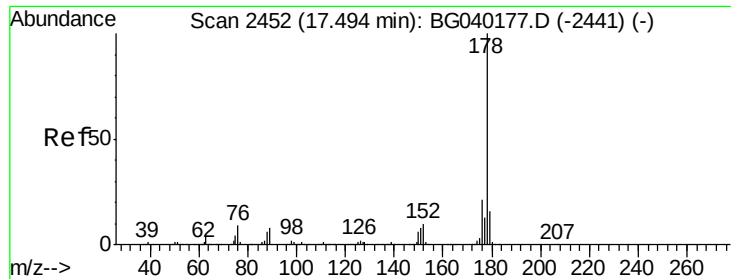


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

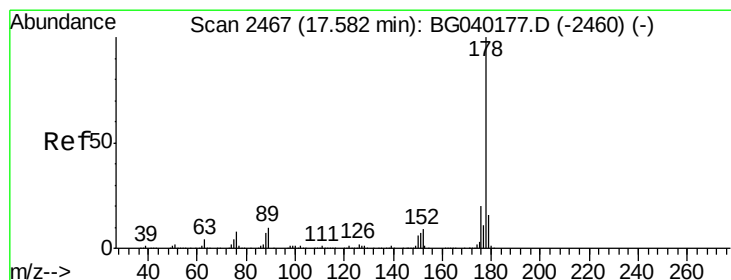
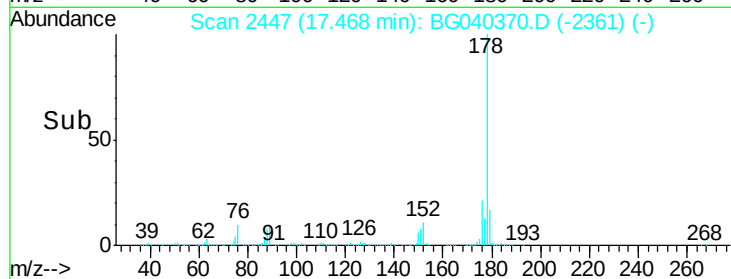
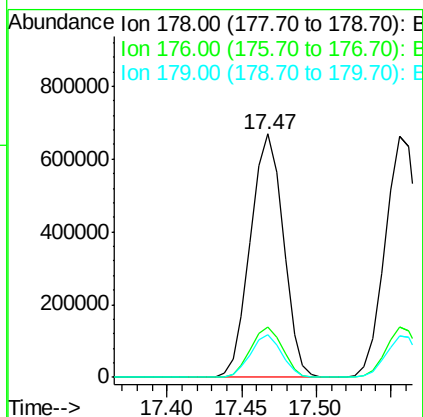
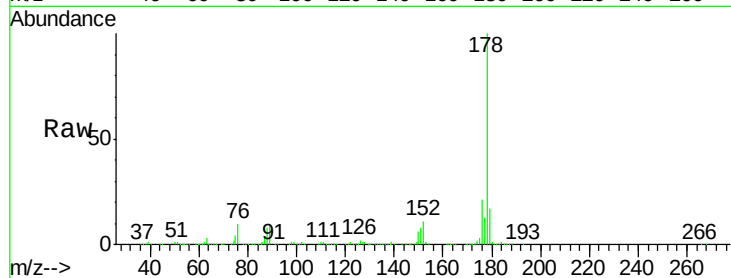




#71
Phenanthrene
Concen: 41.035 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

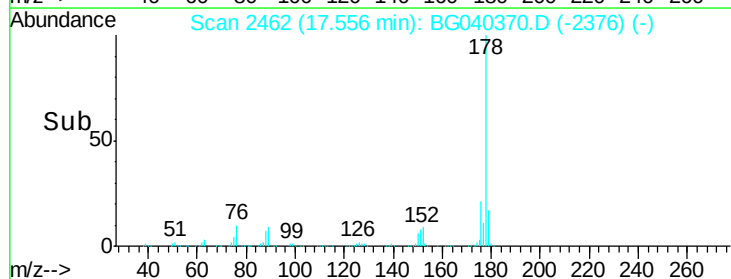
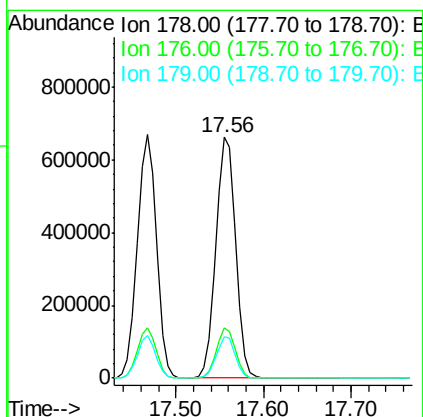
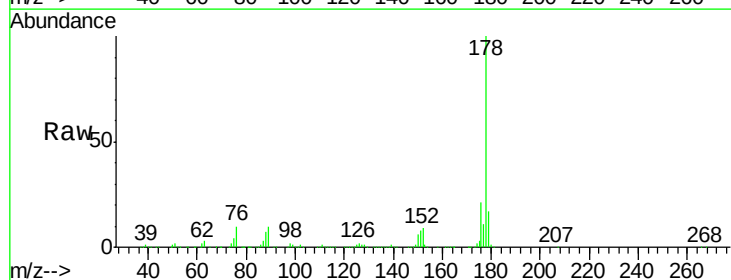
Instrument :
BNA_G
ClientSampleId :

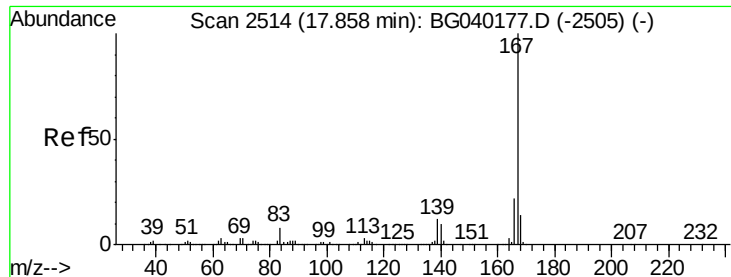
Tot Ion:178 Resp: 1025811
Ion Ratio Lower Upper
178 100
176 20.6 16.7 25.1
179 17.3 12.8 19.2



#72
Anthracene
Concen: 41.730 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion:178 Resp: 1044129
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 17.4 12.9 19.3





#73

Carbazole

Concen: 42.187 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampled :

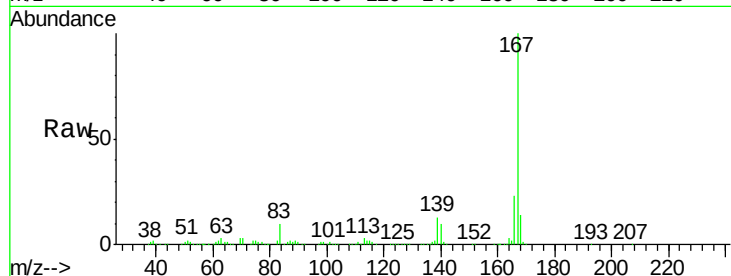
Tot Ion:167 Resp: 998972

Ion Ratio Lower Upper

167 100

166 22.6 17.5 26.3

139 12.7 10.0 15.0



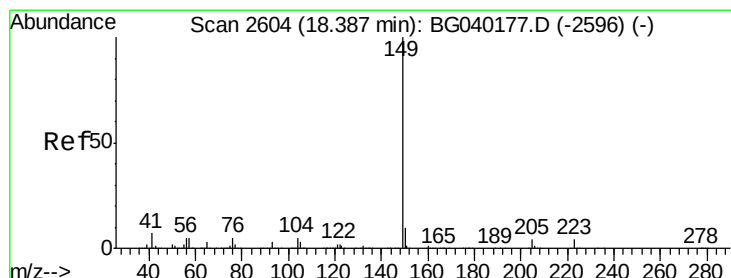
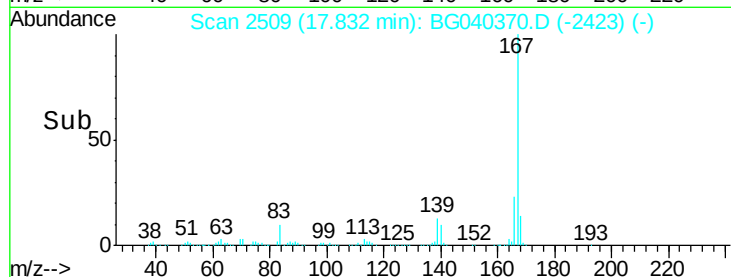
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.83

Time-->



#74

Di-n-butylphthalate

Concen: 41.645 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

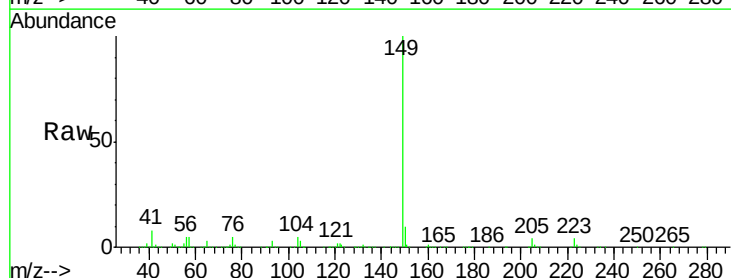
Tgt Ion:149 Resp: 1168935

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

104 5.4 4.1 6.1



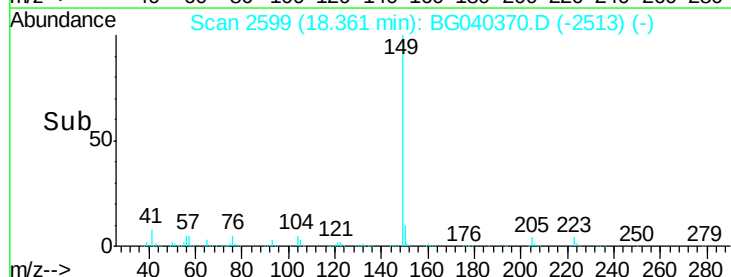
Abundance Ion 149.00 (148.70 to 149.70): E

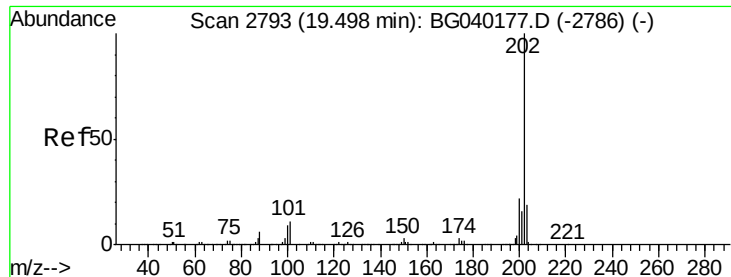
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.36

Time-->





#75

Fluoranthene

Concen: 43.555 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

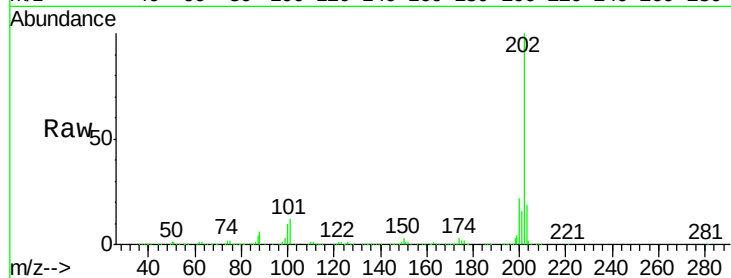
Tot Ion:202 Resp: 1289262

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.8

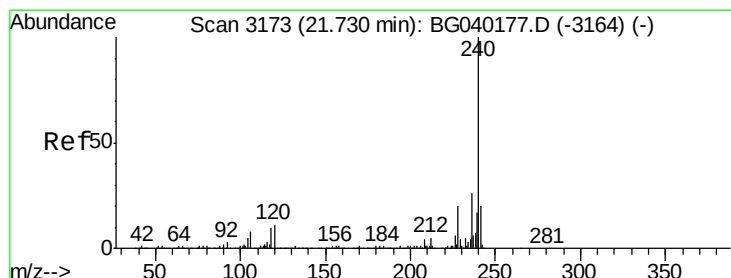
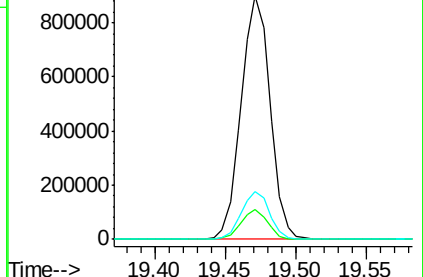
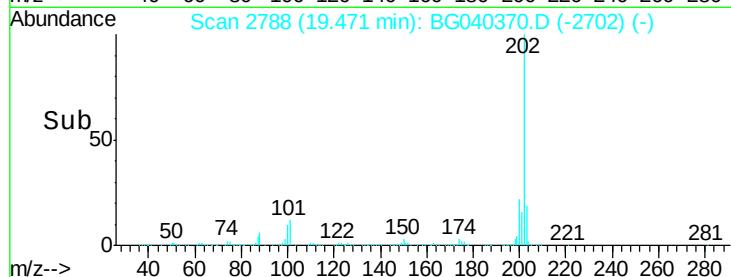
203 19.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

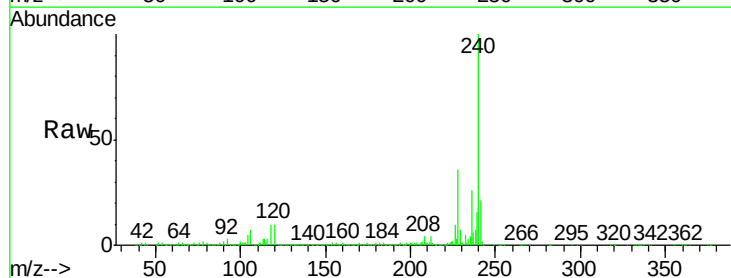
Tgt Ion:240 Resp: 514086

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

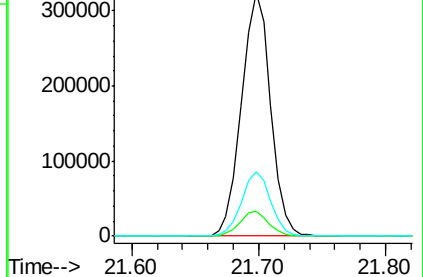
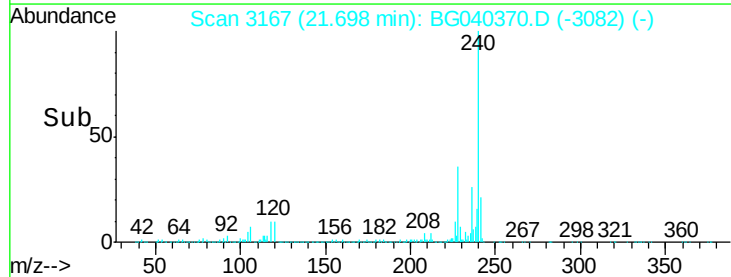
236 26.4 20.8 31.2

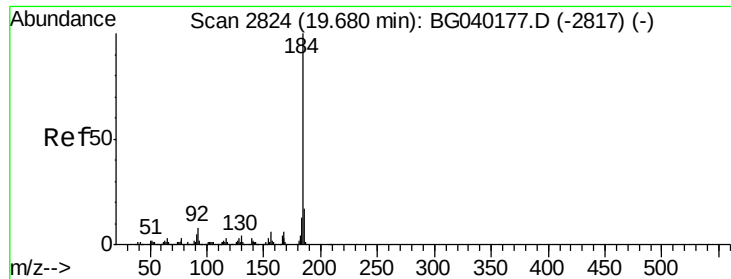


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.985 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

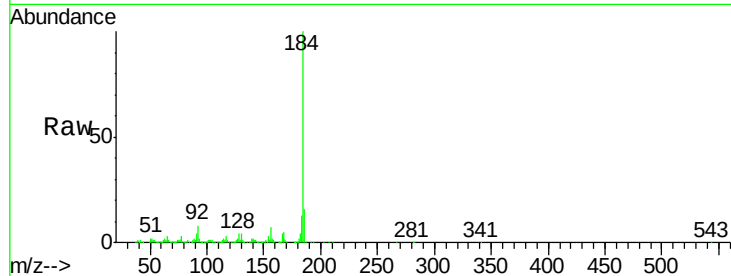
Tot Ion:184 Resp: 946490

Ion Ratio Lower Upper

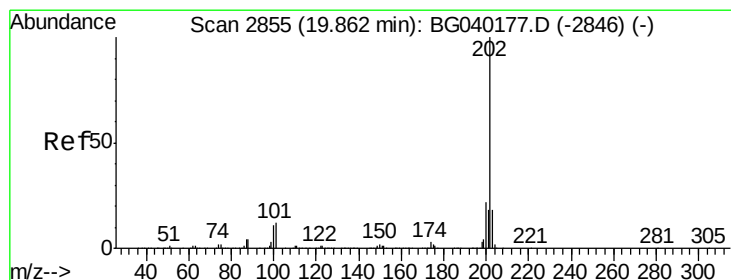
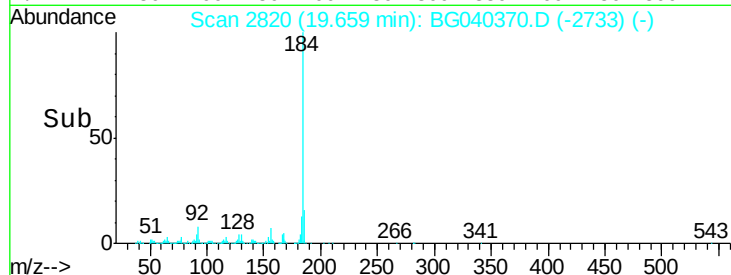
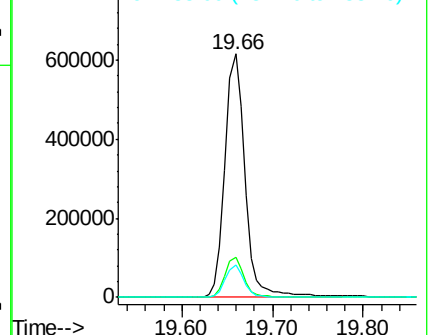
184 100

185 16.4 13.3 19.9

183 13.5 10.3 15.5



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: 38.966 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

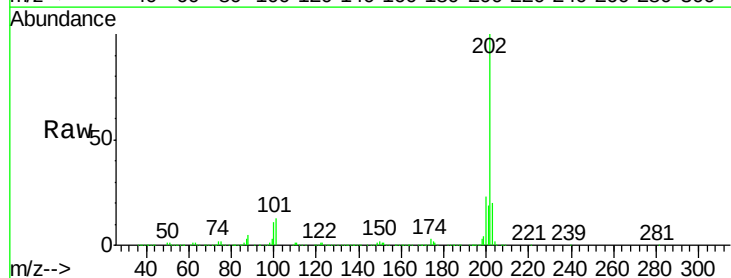
Tgt Ion:202 Resp: 1317307

Ion Ratio Lower Upper

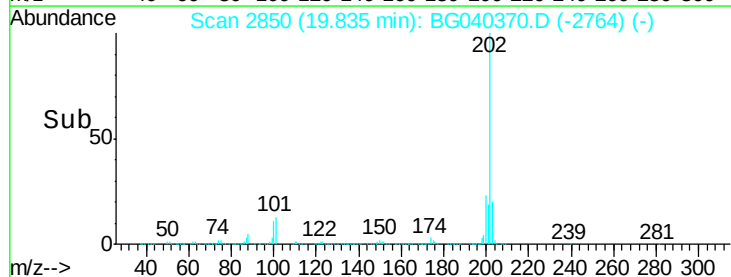
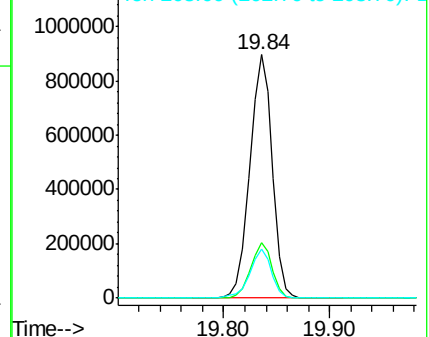
202 100

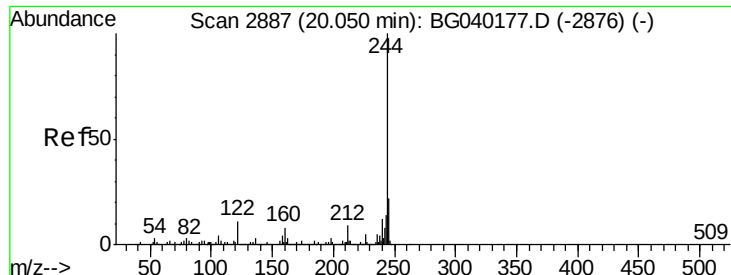
200 22.7 17.3 25.9

203 20.0 14.6 22.0



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: 77.851 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

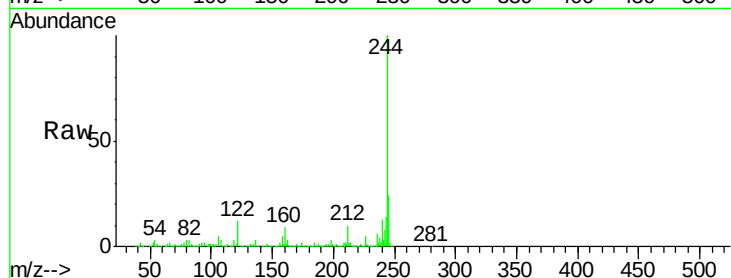
Tot Ion:244 Resp: 1779030

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

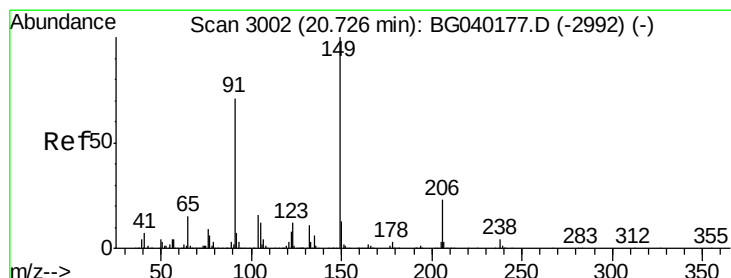
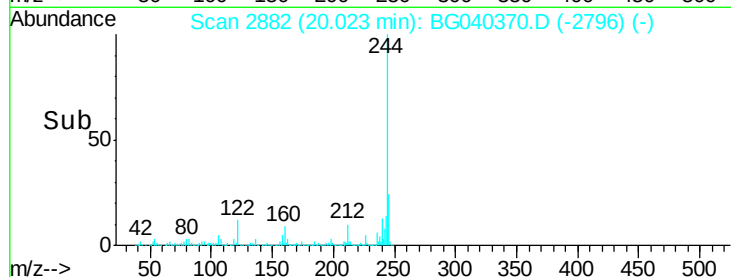
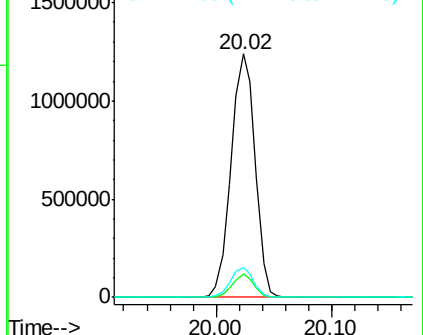
122 12.2 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.546 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

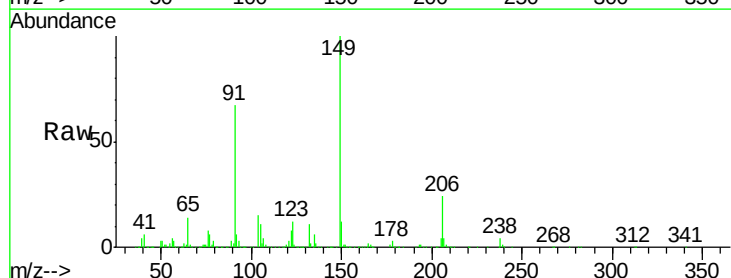
Tgt Ion:149 Resp: 601016

Ion Ratio Lower Upper

149 100

91 67.1 57.0 85.4

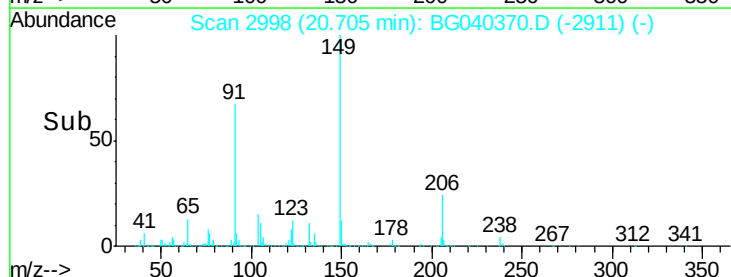
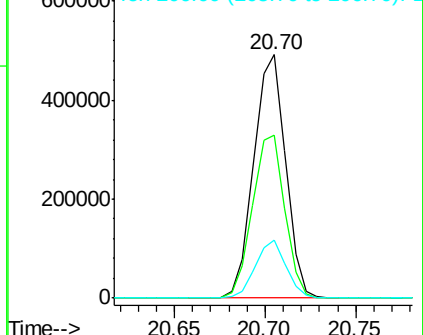
206 24.0 18.2 27.4

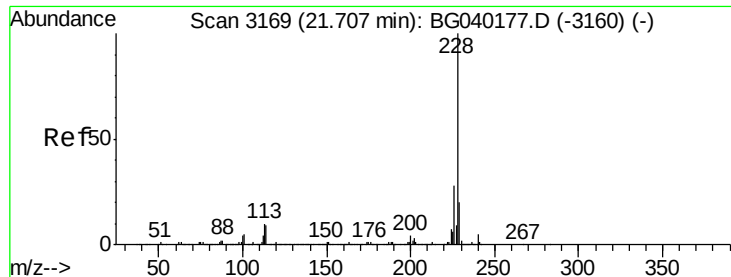


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.481 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

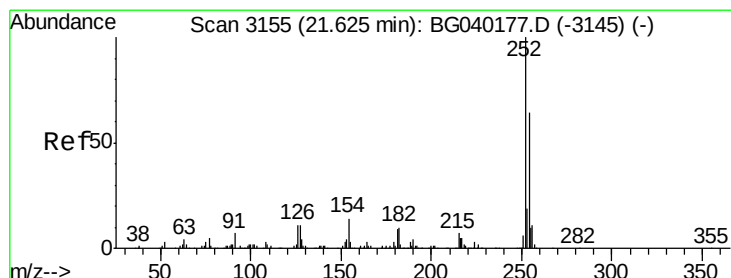
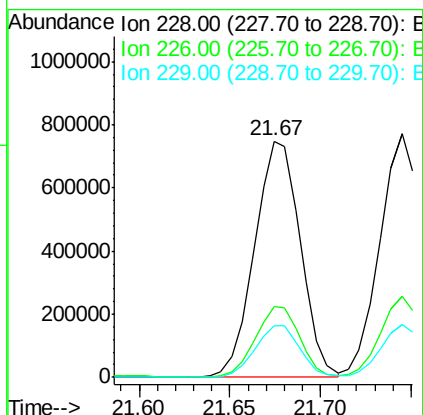
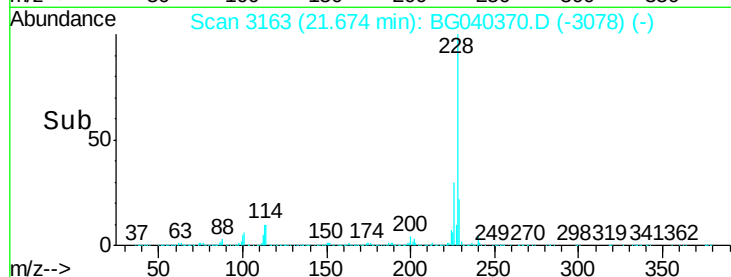
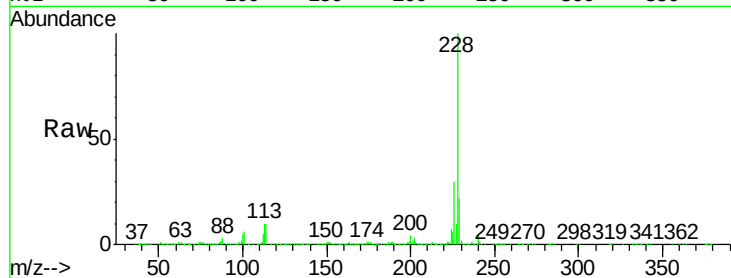
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1313507

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	34.0
229	21.7	16.1	24.1



#82

3,3'-Dichlorobenzidine

Concen: 41.484 ng

RT: 21.59 min Scan# 3149

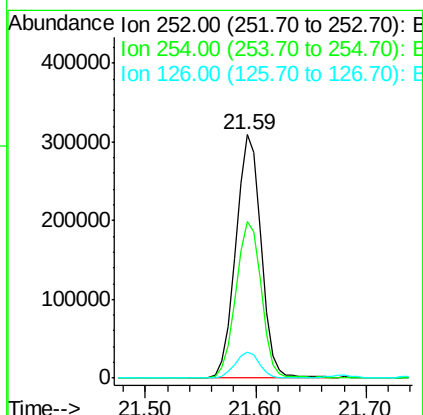
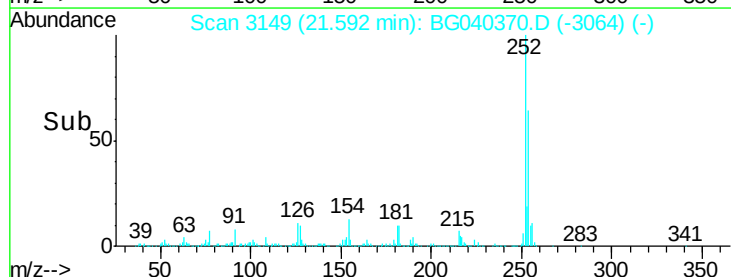
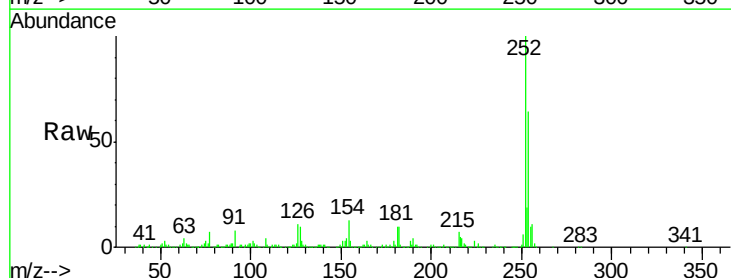
Delta R.T. -0.03 min

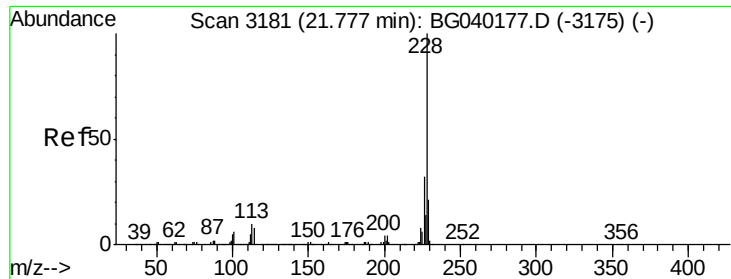
Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Tgt Ion:252 Resp: 499693

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.2
126	10.5	8.5	12.7





#83

Chrysene

Concen: 40.876 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

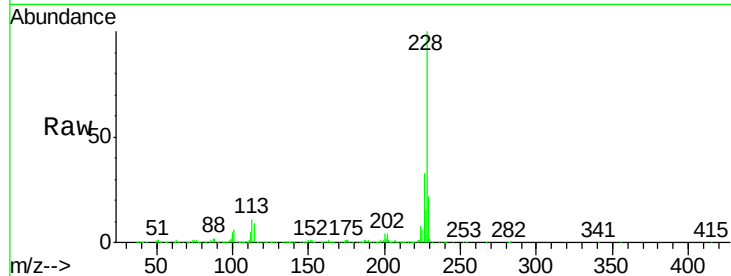
Tot Ion:228 Resp: 1243928

Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.4	38.0
229	21.7	17.0	25.4

228 100

226 33.3 25.4 38.0

229 21.7 17.0 25.4

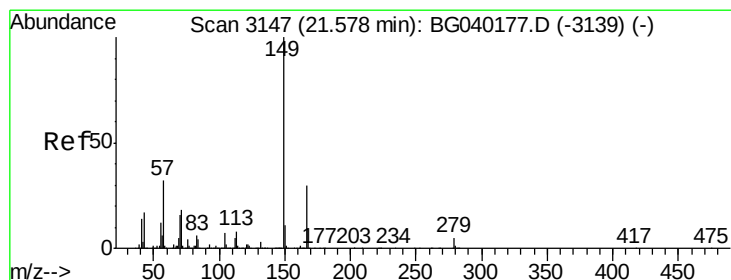
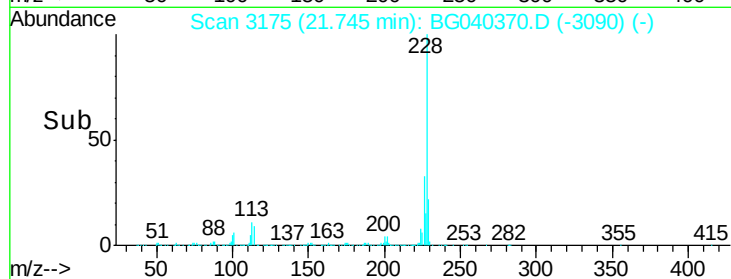
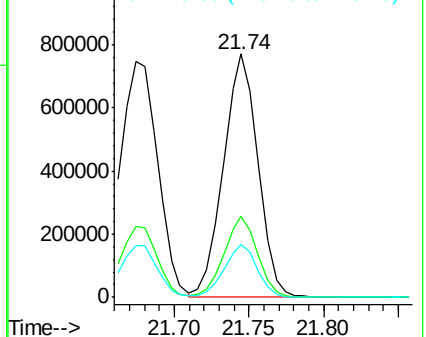


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.772 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

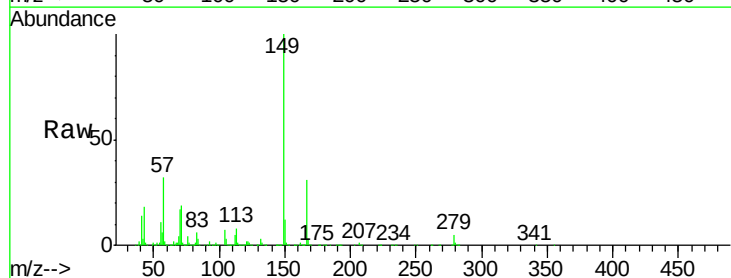
Tgt Ion:149 Resp: 843135

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.1	36.1
279	5.1	4.1	6.1

149 100

167 30.7 24.1 36.1

279 5.1 4.1 6.1

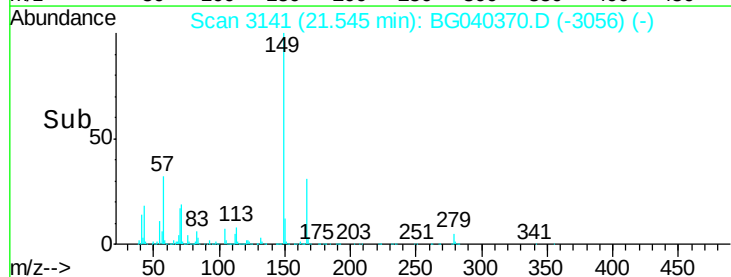
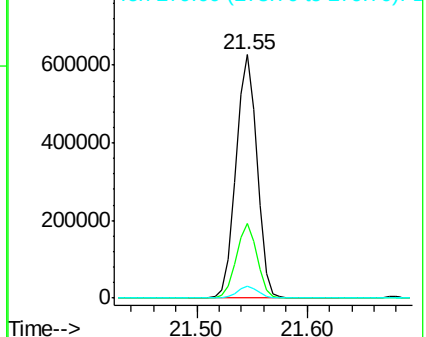


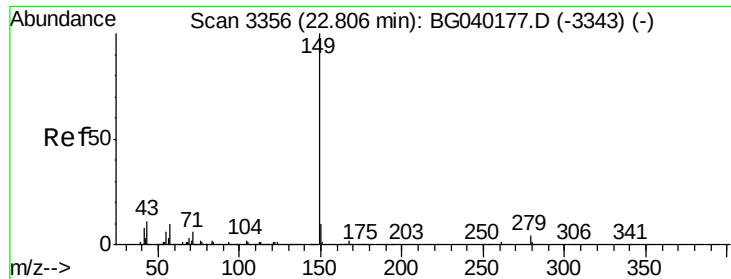
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

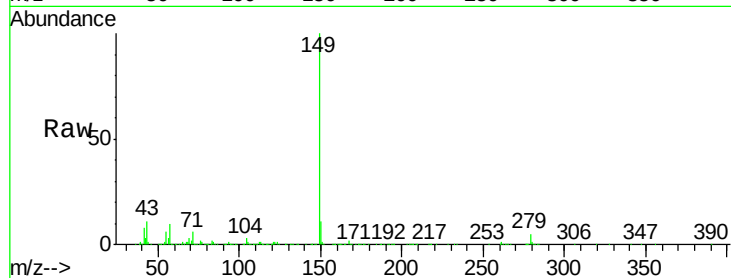




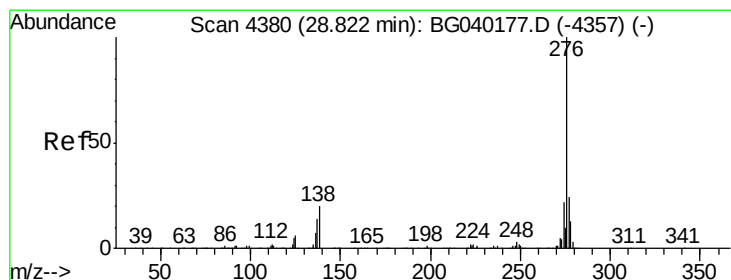
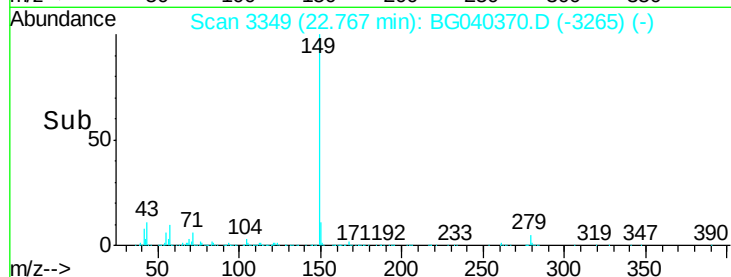
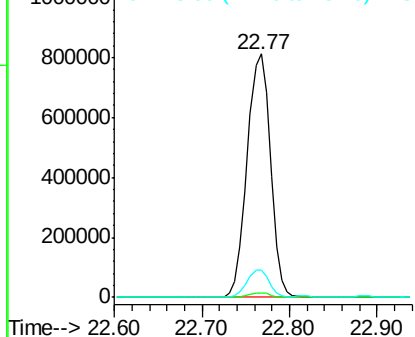
#85
Di-n-octyl phthalate
Concen: 41.424 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1459471
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.8 8.7 13.1

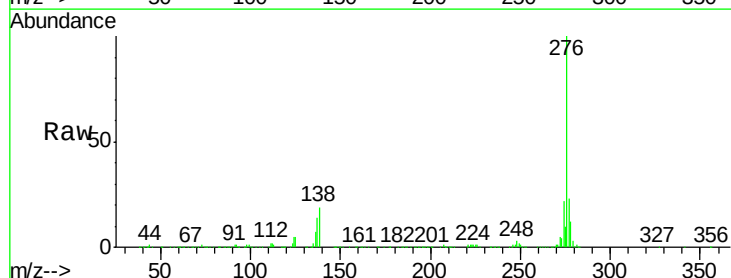


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

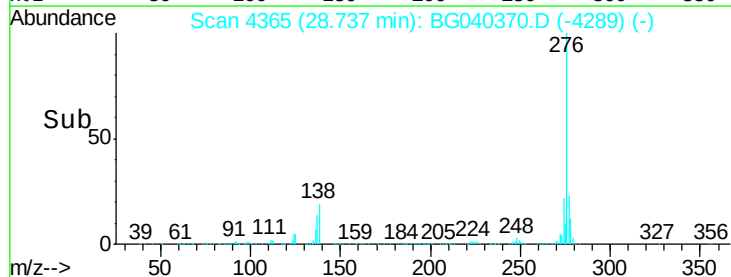
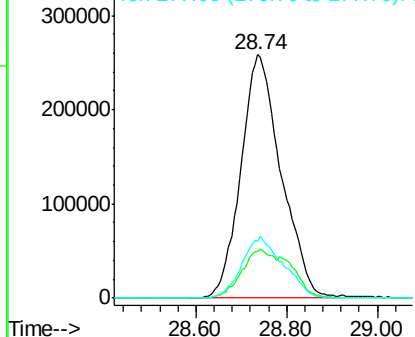


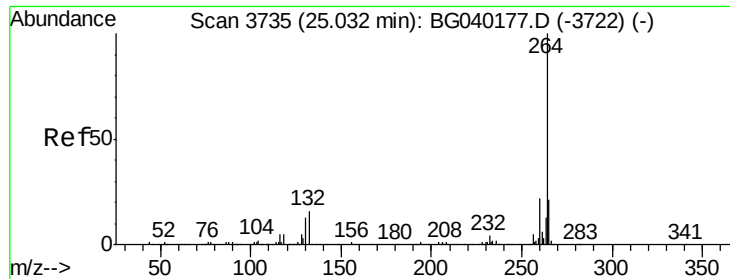
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.649 ng
RT: 28.74 min Scan# 4365
Delta R.T. -0.09 min
Lab File: BG040370.D
Acq: 4 Apr 2019 21:59

Tgt Ion:276 Resp: 1587423
Ion Ratio Lower Upper
276 100
138 15.9 18.8 28.2#
277 26.0 21.0 31.4



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

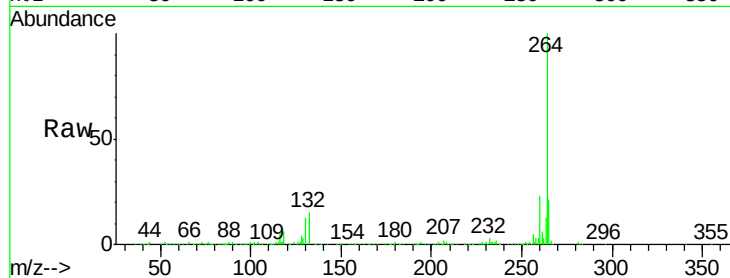
Tot Ion:264 Resp: 504818

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

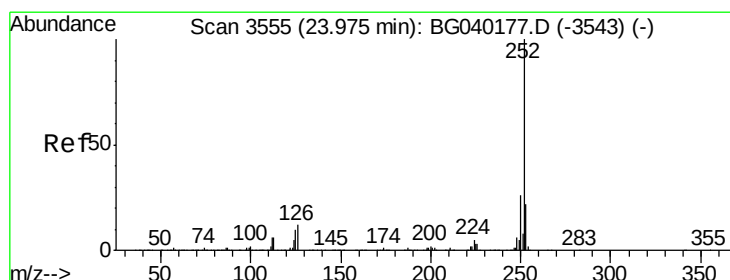
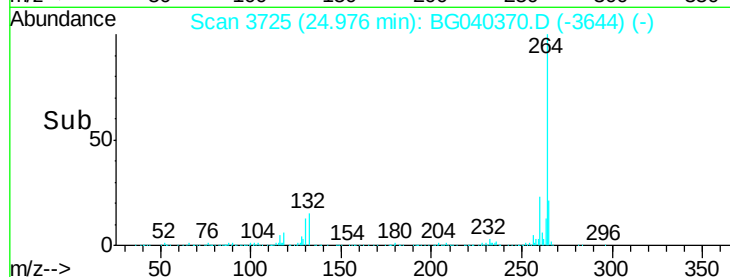
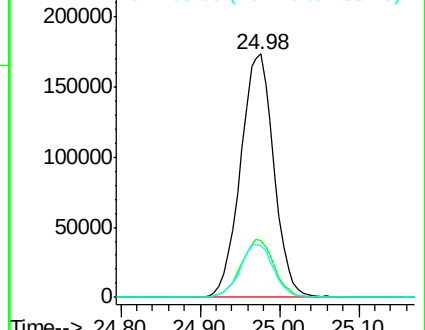
265 21.3 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.750 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

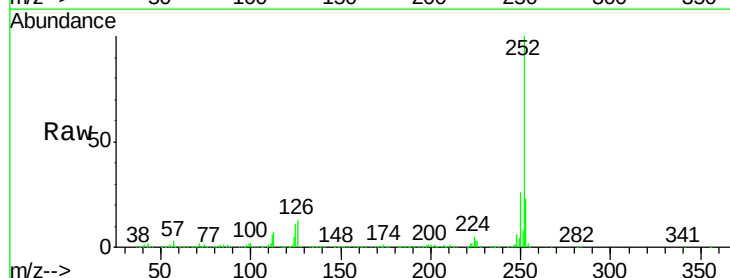
Tgt Ion:252 Resp: 1383098

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

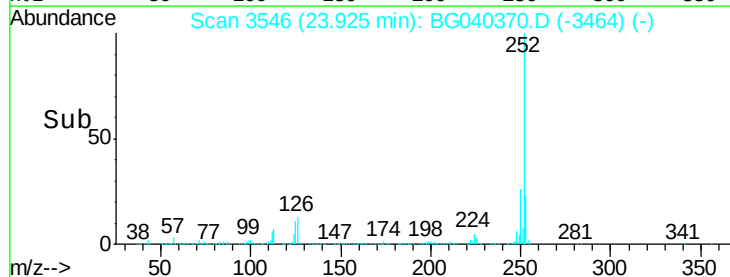
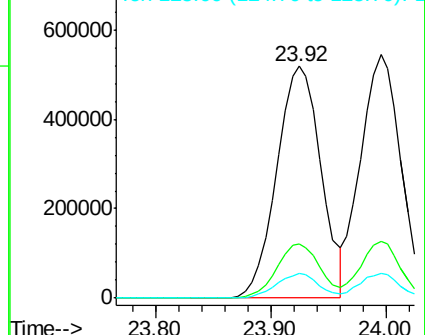
125 10.9 8.2 12.4

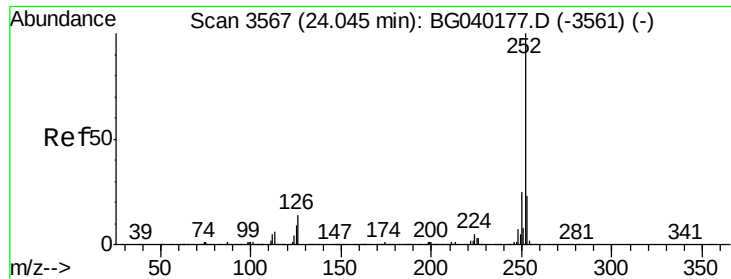


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.794 ng

RT: 24.00 min Scan# 3558

Delta R.T. -0.05 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

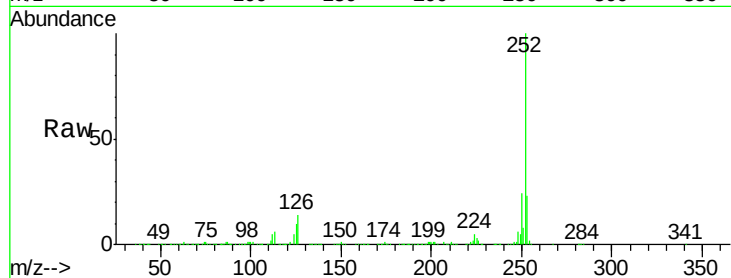
Tot Ion:252 Resp: 1329995

Ion Ratio Lower Upper

252 100

253 23.1 18.6 28.0

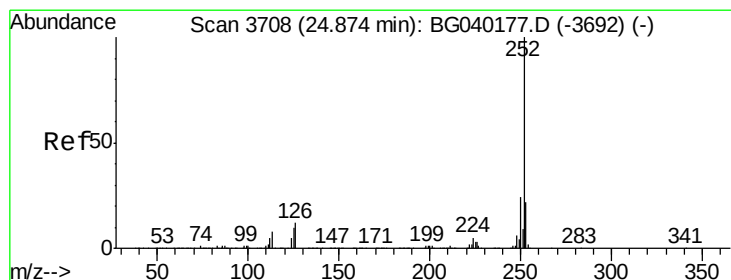
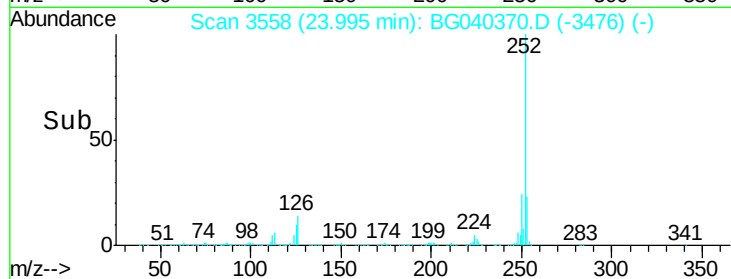
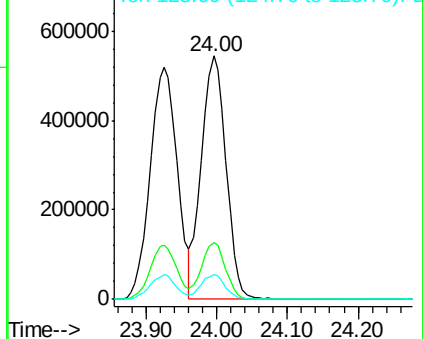
125 10.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.979 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

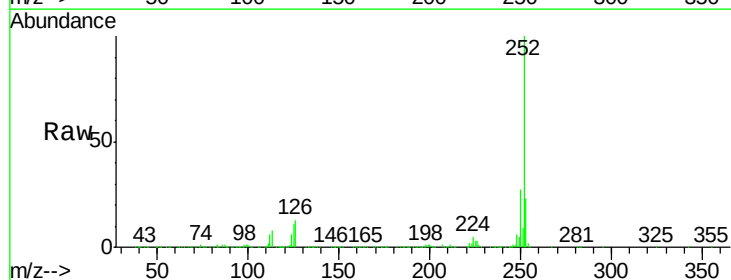
Tgt Ion:252 Resp: 1362327

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

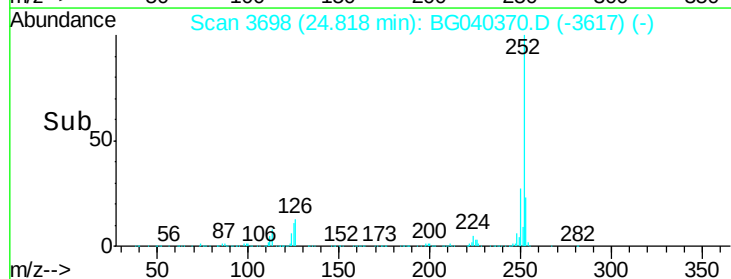
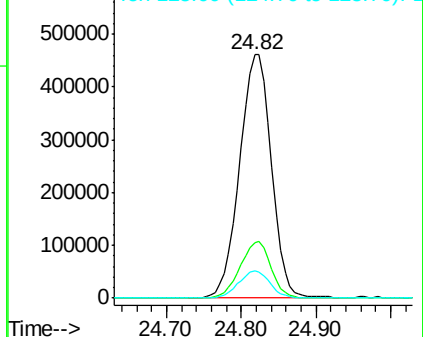
125 11.2 8.3 12.5

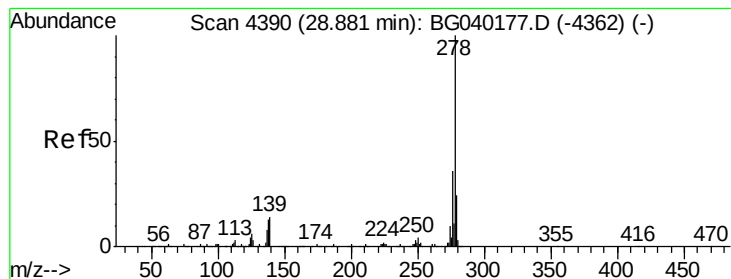


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.747 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.08 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

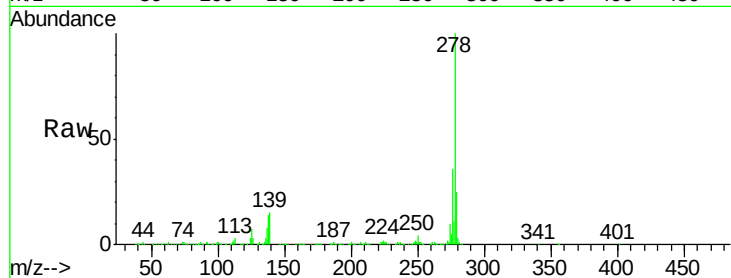
Tot Ion:278 Resp: 1285966

Ion Ratio Lower Upper

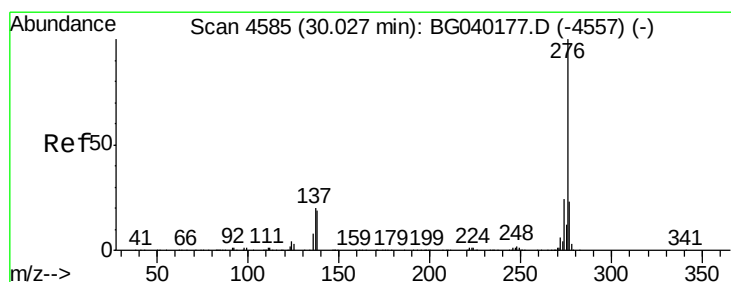
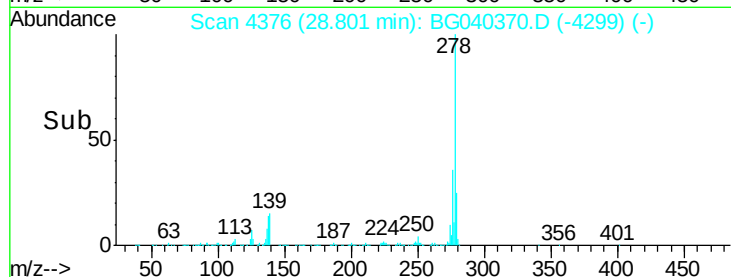
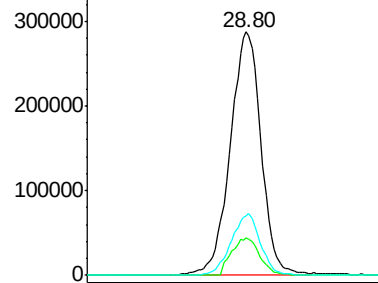
278 100

139 15.3 11.2 16.8

279 24.5 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.625 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.10 min

Lab File: BG040370.D

Acq: 4 Apr 2019 21:59

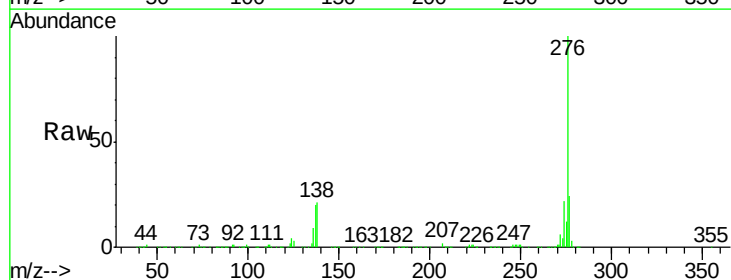
Tgt Ion:276 Resp: 1318196

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 21.0 15.2 22.8



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

