

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040459.D
 Acq On : 12 Apr 2019 13:27
 Operator : JU/SJ
 Sample : IDOCSS-01
 Misc : SOIL IDOC
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:40:08 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	8.05	152	36435	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	149847	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	98174	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	267609	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	305878	20.00	ng	-0.04
87) Perylene-d12	24.97	264	315993	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	297846	135.90	ng	-0.02
7) Phenol-d6	7.20	99	406262	134.13	ng	-0.02
23) Nitrobenzene-d5	9.22	82	245847	87.21	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	160057	150.85	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	580361	87.60	ng	-0.03
79) Terphenyl-d14	20.02	244	1139727	83.82	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	44419	43.101	ng	97
3) Pyridine	3.89	79	106829	38.500	ng	98
4) n-Nitrosodimethylamine	3.81	42	51744	40.314	ng	# 91
6) Aniline	7.37	93	99069	25.175	ng	98
8) 2-Chlorophenol	7.61	128	103610	40.384	ng	96
9) Benzaldehyde	7.19	77	53033	25.525	ng	99
10) Phenol	7.23	94	136350	41.473	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	102034	38.749	ng	94
12) 1,3-Dichlorobenzene	7.93	146	109668	39.322	ng	98
13) 1,4-Dichlorobenzene	8.08	146	112633	40.548	ng	98
14) 1,2-Dichlorobenzene	8.40	146	103407	38.928	ng	99
15) Benzyl Alcohol	8.29	79	88782	36.396	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	189063	37.411	ng	97
17) 2-Methylphenol	8.48	107	91961	40.422	ng	97
18) Hexachloroethane	9.12	117	40564	38.391	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	77659	35.760	ng	94
20) 3+4-Methylphenols	8.81	107	127138	41.253	ng	97
22) Acetophenone	8.88	105	154418	41.311	ng	# 95
24) Nitrobenzene	9.26	77	117299	40.180	ng	97
25) Isophorone	9.77	82	224792	38.753	ng	99
26) 2-Nitrophenol	9.97	139	54827	39.635	ng	95
27) 2,4-Dimethylphenol	10.01	122	102091	46.463	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	133759	38.976	ng	98
29) 2,4-Dichlorophenol	10.51	162	104144	43.667	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	106473	40.657	ng	96
31) Naphthalene	10.91	128	319017	41.535	ng	99
32) Benzoic acid	10.17	122	16799	12.654	ng	# 88
33) 4-Chloroaniline	11.03	127	82528	25.190	ng	97
34) Hexachlorobutadiene	11.17	225	62358	37.232	ng	98
35) Caprolactam	11.80	113	39916	42.174	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	125022	45.598	ng	98
37) 2-Methylnaphthalene	12.51	142	240601	42.355	ng	99
38) 1-Methylnaphthalene	12.73	142	230601	41.863	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	121888	39.063	ng	98

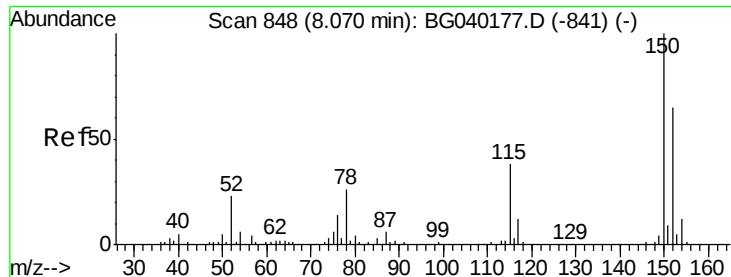
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040459.D
 Acq On : 12 Apr 2019 13:27
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	134246	78.356	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	85295	42.398	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	96344	43.937	ng	99
46) 1,1'-Biphenyl	13.51	154	314891	40.594	ng	99
47) 2-Chloronaphthalene	13.56	162	244589	41.107	ng	100
48) 2-Nitroaniline	13.77	65	88725	44.207	ng	95
49) Acenaphthylene	14.40	152	419451	41.578	ng	98
50) Dimethylphthalate	14.13	163	327521	42.627	ng	98
51) 2,6-Dinitrotoluene	14.26	165	76507	44.346	ng	99
52) Acenaphthene	14.74	154	243255	42.080	ng	94
53) 3-Nitroaniline	14.60	138	56952	31.186	ng	93
54) 2,4-Dinitrophenol	14.80	184	59628	64.989	ng	91
55) Dibenzofuran	15.07	168	406501	43.762	ng	98
56) 4-Nitrophenol	14.90	139	120596	81.821	ng	97
57) 2,4-Dinitrotoluene	15.04	165	112051	46.742	ng	100
58) Fluorene	15.72	166	323478	44.294	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	88858	44.656	ng	98
60) Diethylphthalate	15.48	149	355533	45.219	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	171072	43.823	ng	99
62) 4-Nitroaniline	15.76	138	90869	46.366	ng	96
63) Azobenzene	16.00	77	329816	44.472	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	55123	36.664	ng	98
66) n-Nitrosodiphenylamine	15.93	169	310775	39.685	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	113510	37.692	ng	97
68) Hexachlorobenzene	16.71	284	115406	38.113	ng	97
69) Atrazine	16.87	200	119136	40.897	ng	97
70) Pentachlorophenol	17.07	266	112590	64.316	ng	99
71) Phenanthrene	17.46	178	585594	41.632	ng	98
72) Anthracene	17.55	178	602433	42.790	ng	99
73) Carbazole	17.83	167	582355	43.707	ng	100
74) Di-n-butylphthalate	18.36	149	695869	44.060	ng	100
75) Fluoranthene	19.47	202	768153	46.119	ng	99
77) Benzidine	19.66	184	264884	23.981	ng	98
78) Pyrene	19.83	202	780503	38.802	ng	99
80) Butylbenzylphthalate	20.70	149	350392	40.708	ng	95
81) Benzo(a)anthracene	21.67	228	725422	38.503	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	187181	26.117	ng	96
83) Chrysene	21.74	228	723490	39.957	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	508190	41.303	ng	99
85) Di-n-octyl phthalate	22.76	149	876799	41.826	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	881811	39.818	ng	# 89
88) Benzo(b)fluoranthene	23.92	252	799446	41.323	ng	99
89) Benzo(k)fluoranthene	23.99	252	765085	43.004	ng	97
90) Benzo(a)pyrene	24.82	252	777600	42.839	ng	100
91) Dibenzo(a,h)anthracene	28.79	278	718251	42.604	ng	98
92) Benzo(g,h,i)perylene	29.91	276	719704	41.540	ng	98

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

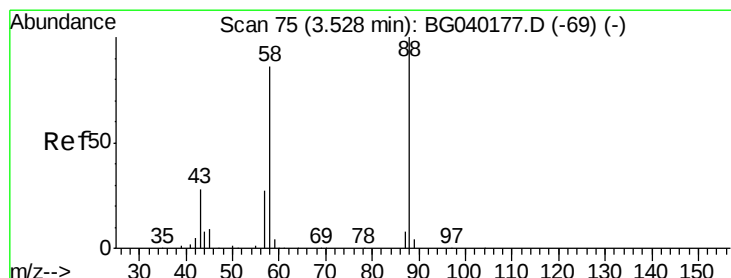
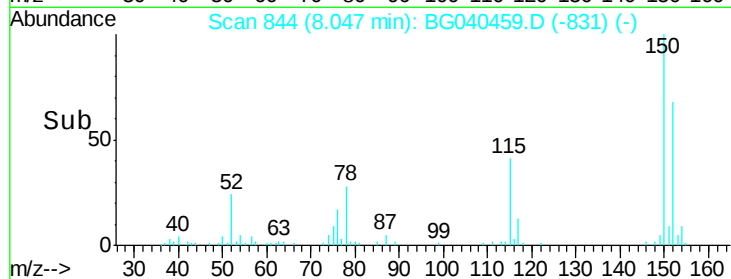
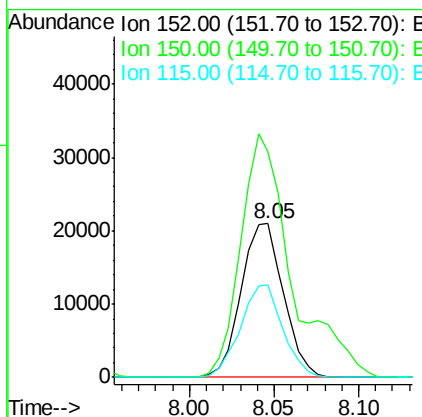
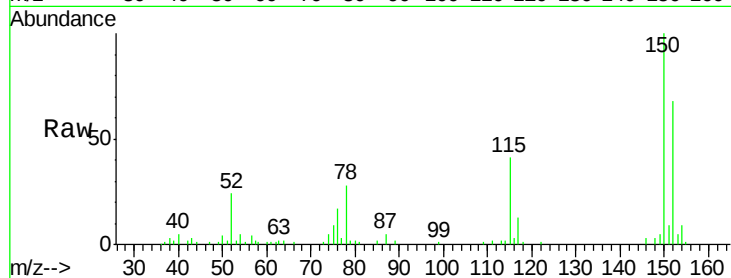


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Instrument :
BNA_G
ClientSampled :

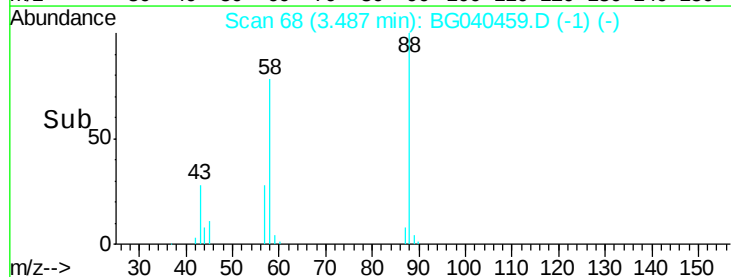
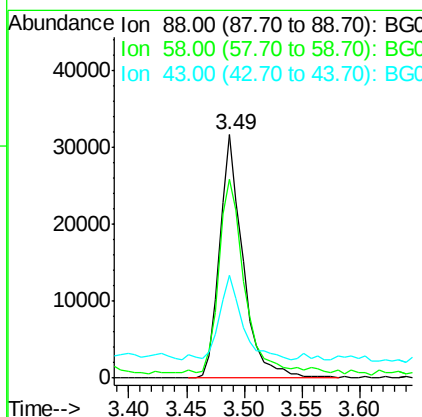
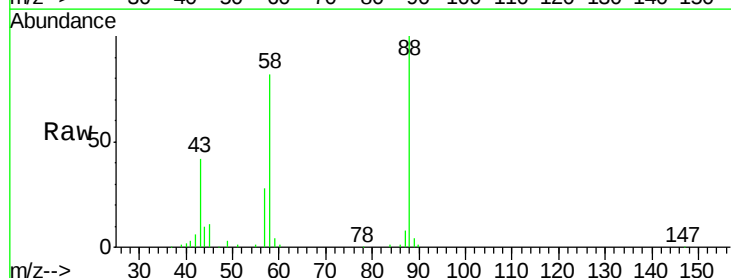
Tot Ion:152 Resp: 36435
Ion Ratio Lower Upper
152 100
150 146.7 123.7 185.5
115 60.0 46.9 70.3

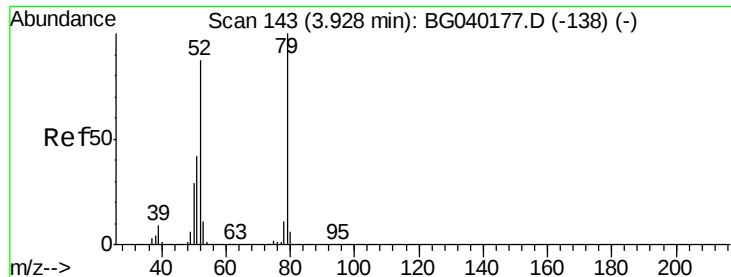


#2

1,4-Dioxane
Concen: 43.101 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion: 88 Resp: 44419
Ion Ratio Lower Upper
88 100
58 87.1 70.6 106.0
43 35.0 24.8 37.2





#3

Pvridine

Concen: 38.500 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

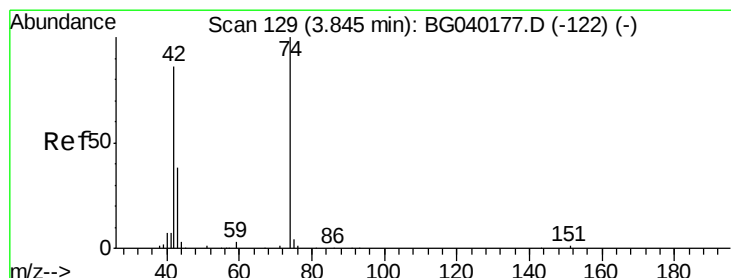
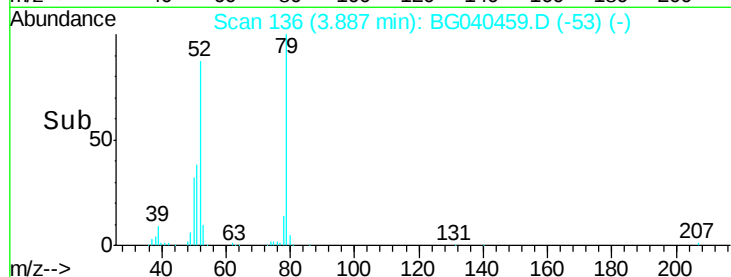
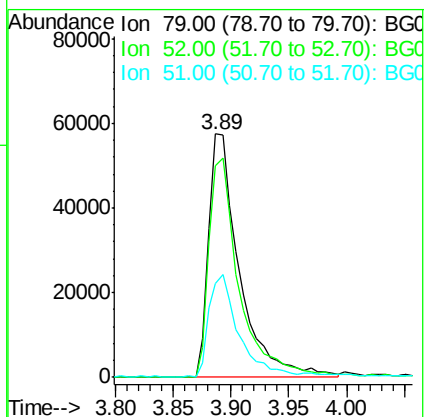
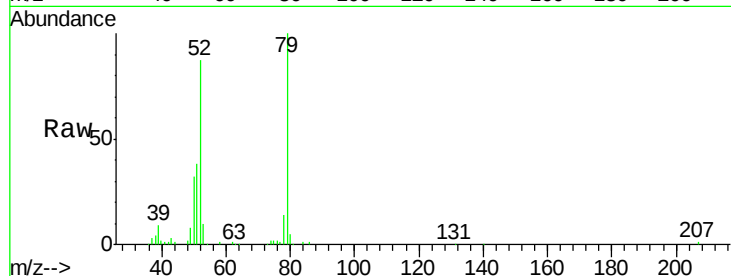
Tot Ion: 79 Resp: 106829

Ion Ratio Lower Upper

79 100

52 87.1 69.8 104.8

51 38.3 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 40.314 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.04 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

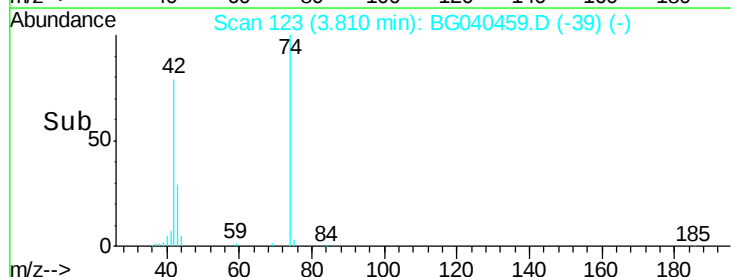
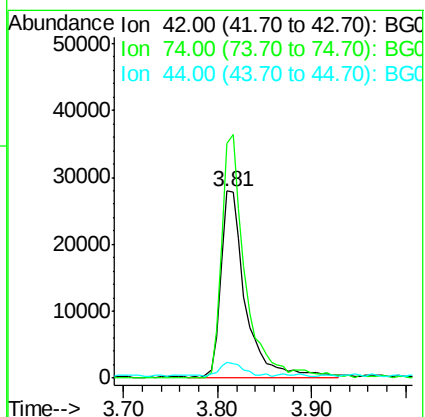
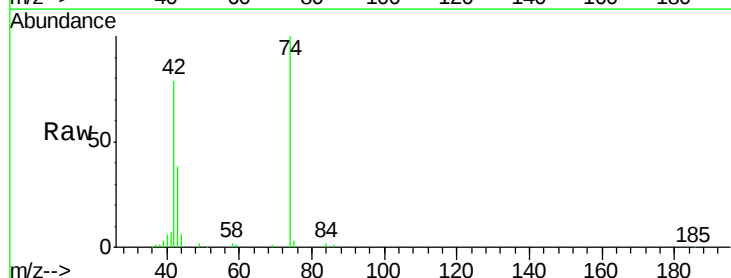
Tgt Ion: 42 Resp: 51744

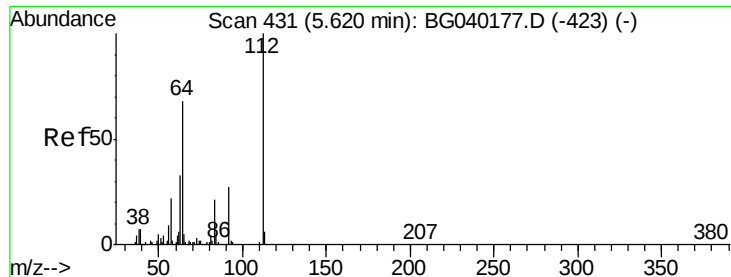
Ion Ratio Lower Upper

42 100

74 125.9 92.9 139.3

44 8.1 9.7 14.5#





#5

2-Fluorophenol

Concen: 135.898 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampled :

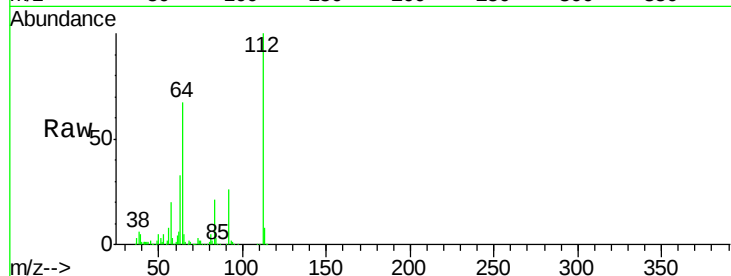
Tot Ion:112 Resp: 297846

Ion Ratio Lower Upper

112 100

64 66.7 54.2 81.2

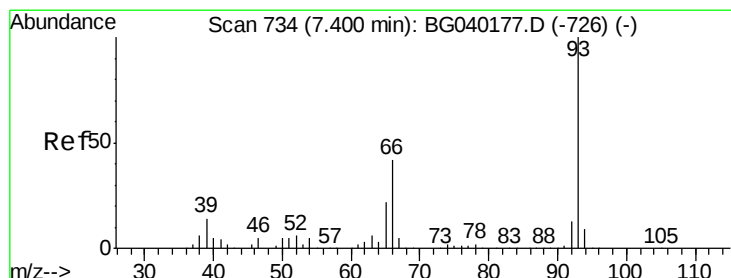
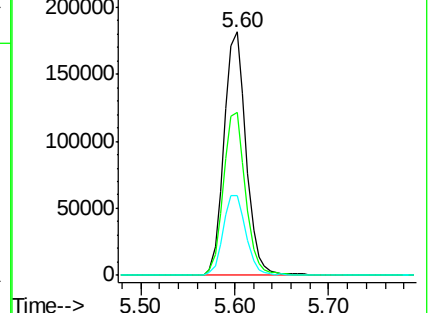
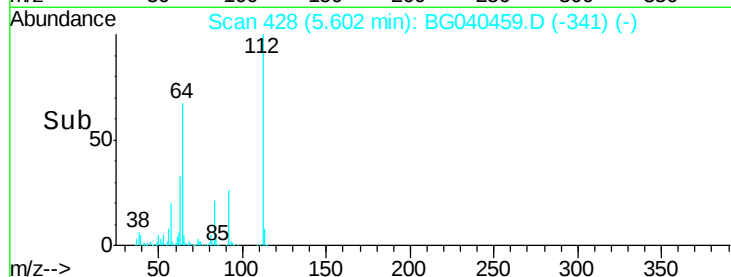
63 32.9 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.175 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

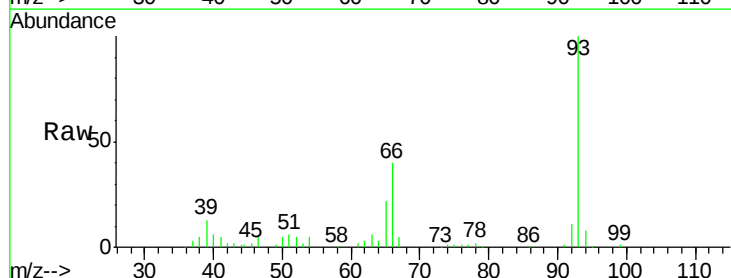
Tgt Ion: 93 Resp: 99069

Ion Ratio Lower Upper

93 100

66 40.4 33.6 50.4

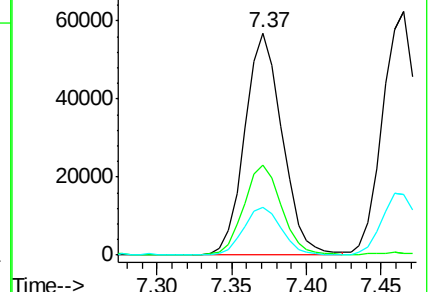
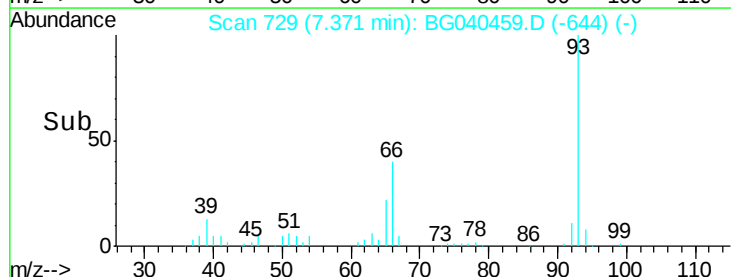
65 21.8 17.4 26.2

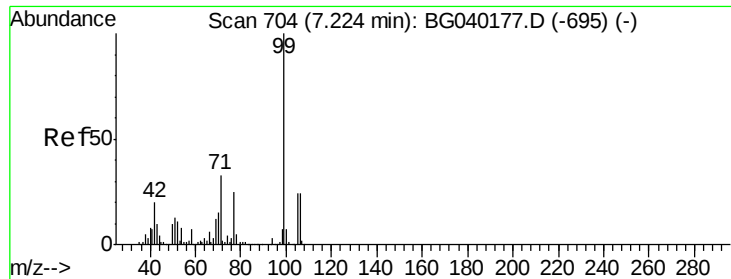


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.126 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

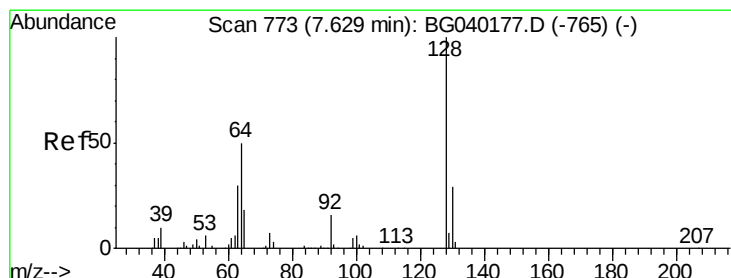
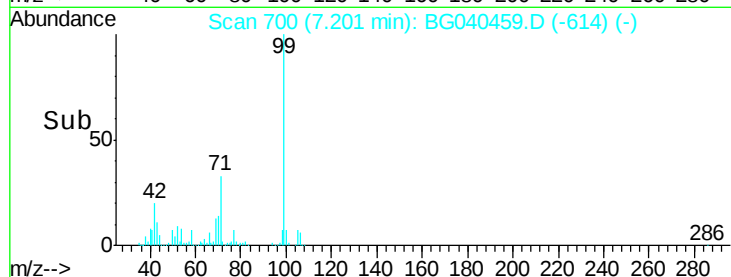
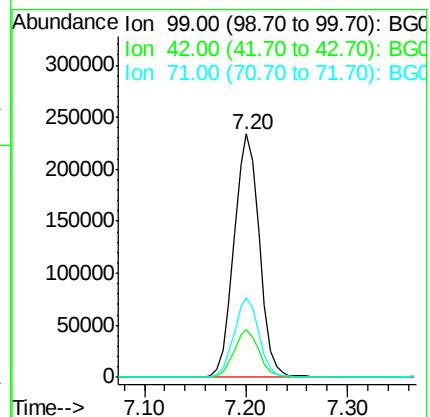
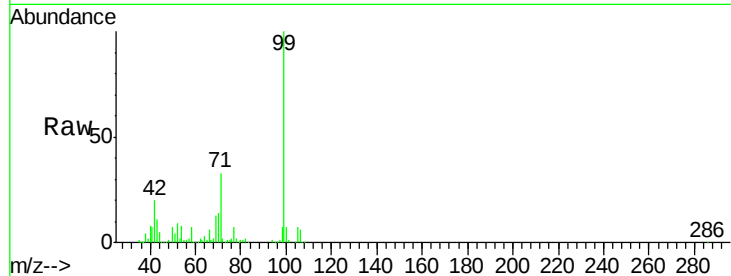
Tot Ion: 99 Resp: 406262

Ion Ratio Lower Upper

99 100

42 19.6 16.2 24.2

71 32.8 26.8 40.2



#8

2-Chlorophenol

Concen: 40.384 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

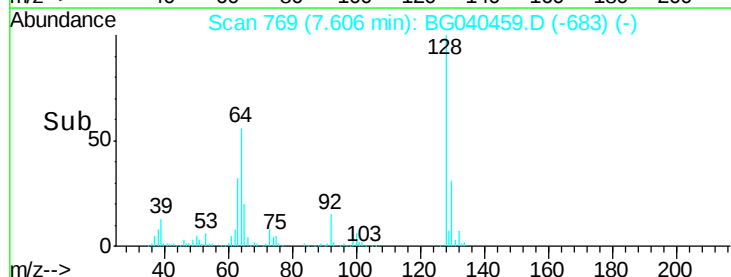
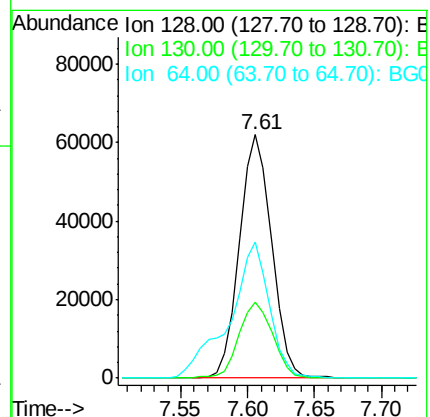
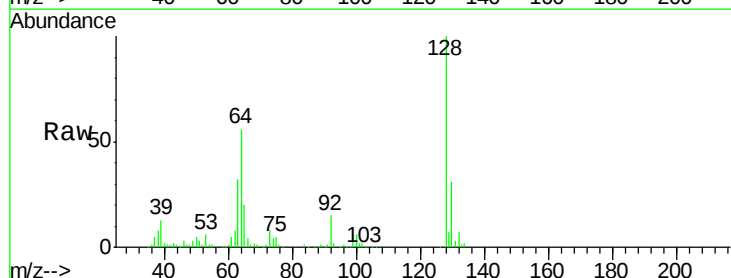
Tgt Ion: 128 Resp: 103610

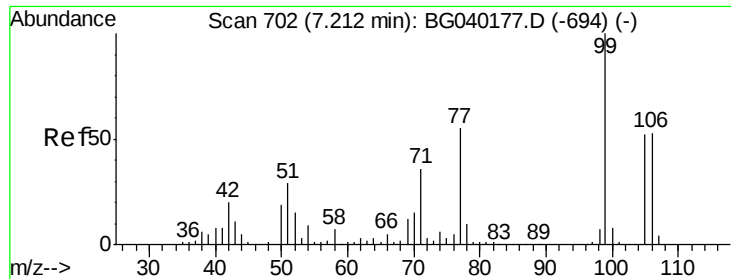
Ion Ratio Lower Upper

128 100

130 31.0 9.1 49.1

64 56.0 33.1 73.1





#9

Benzaldehyde

Concen: 25.525 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

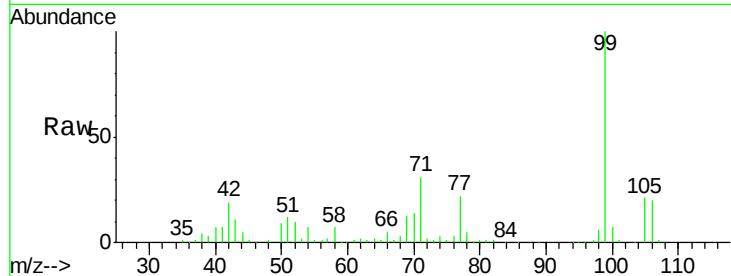
Tot Ion: 77 Resp: 53033

Ion Ratio Lower Upper

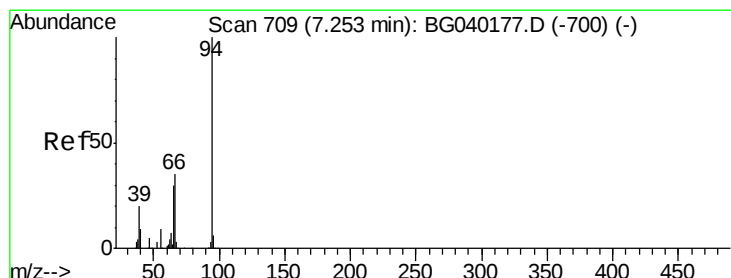
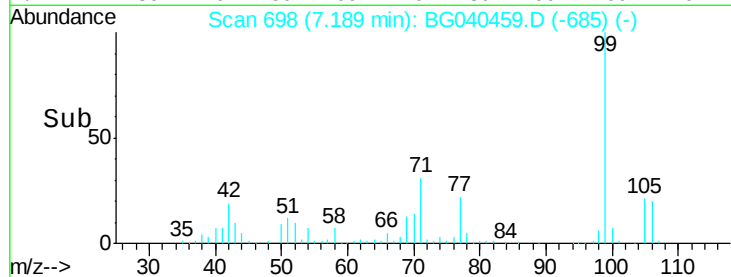
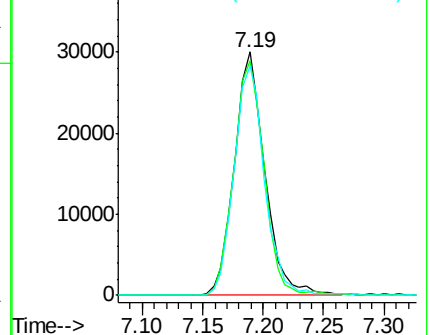
77 100

105 96.3 75.0 115.0

106 94.3 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: 41.473 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

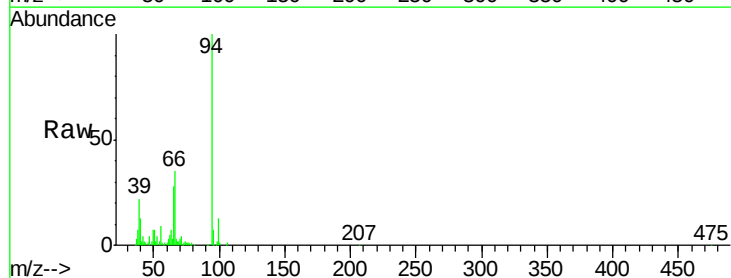
Tgt Ion: 94 Resp: 136350

Ion Ratio Lower Upper

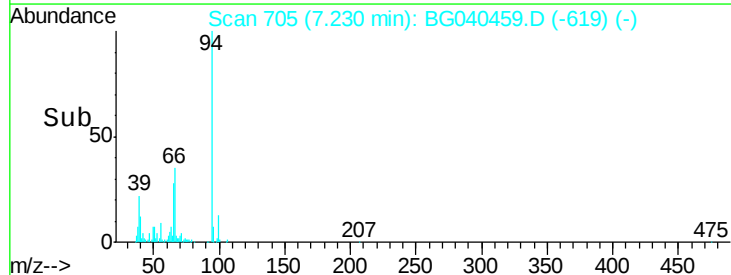
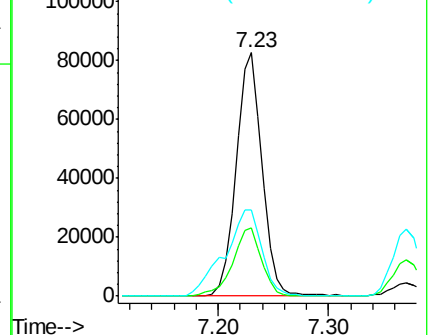
94 100

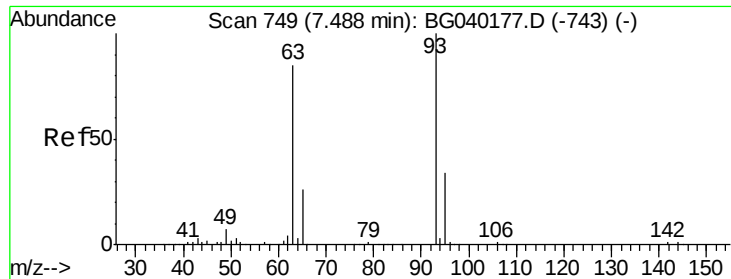
65 28.1 10.5 50.5

66 35.3 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



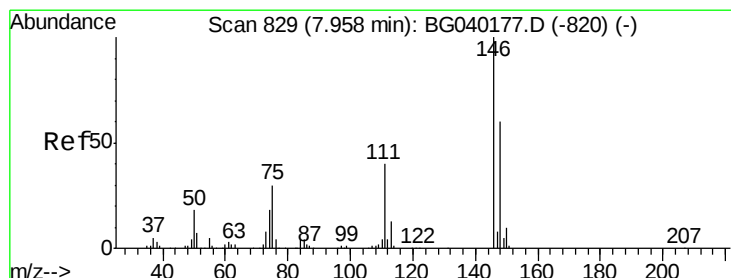
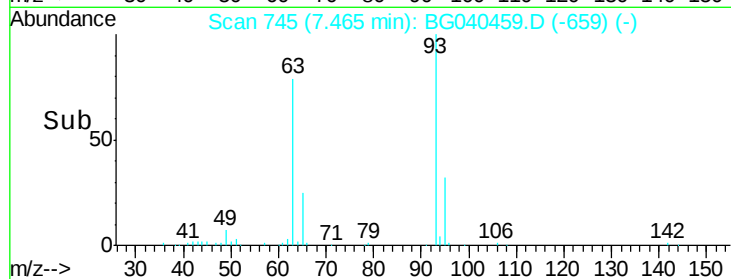
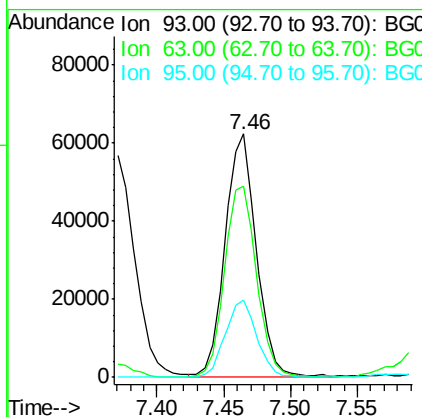
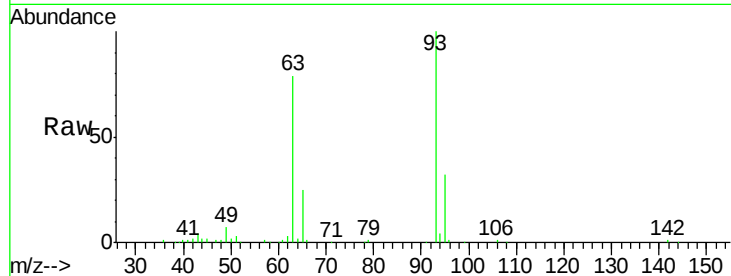


#11
bis(2-Chloroethyl)ether
Concen: 38.749 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 102034

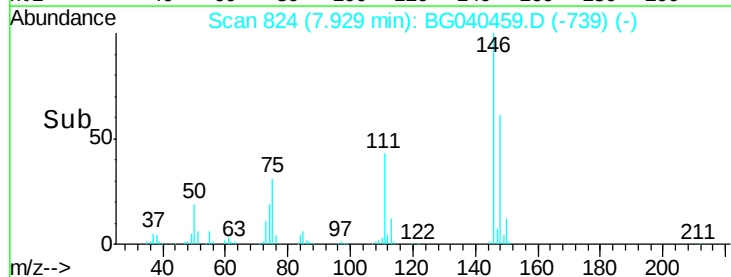
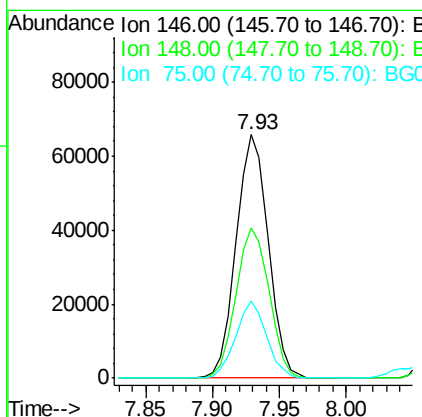
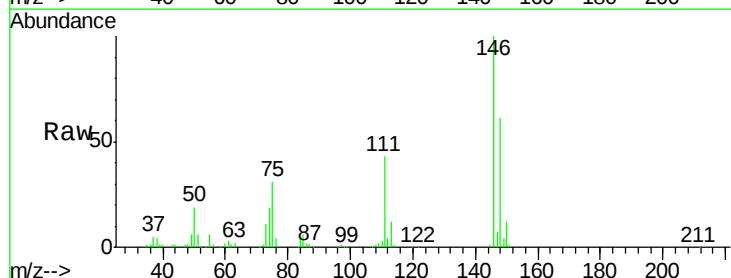
Ion	Ratio	Lower	Upper
93	100		
63	78.5	64.2	104.2
95	31.7	14.0	54.0

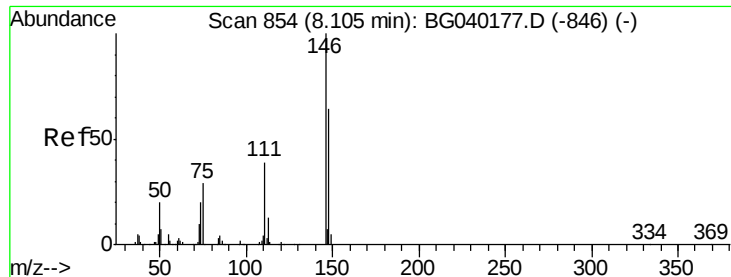


#12
1,3-Dichlorobenzene
Concen: 39.322 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion: 146 Resp: 109668

Ion	Ratio	Lower	Upper
146	100		
148	61.5	48.2	72.2
75	31.5	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 40.548 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

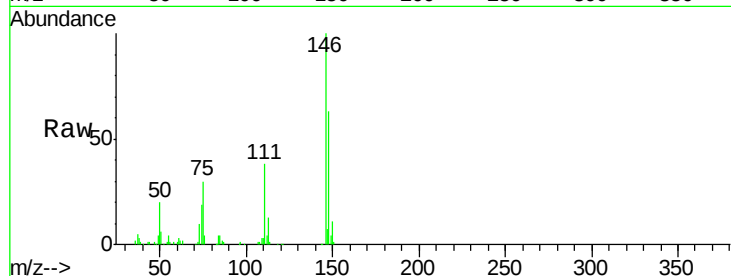
Tot Ion:146 Resp: 112633

Ion Ratio Lower Upper

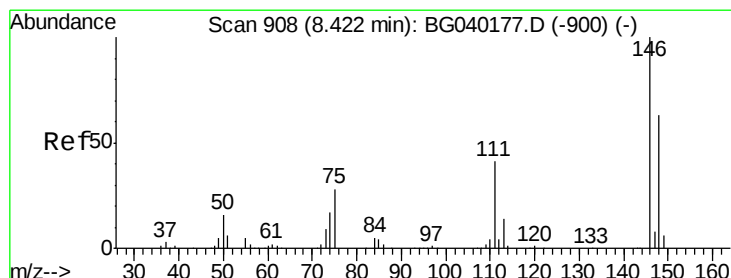
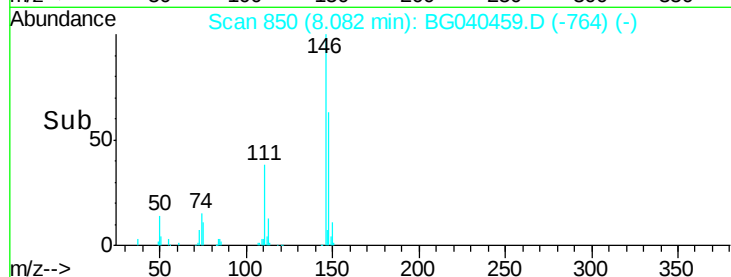
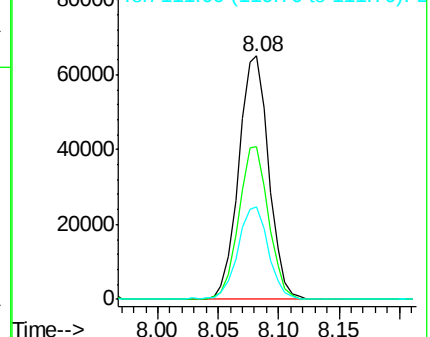
146 100

148 62.6 51.0 76.4

111 38.3 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.928 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

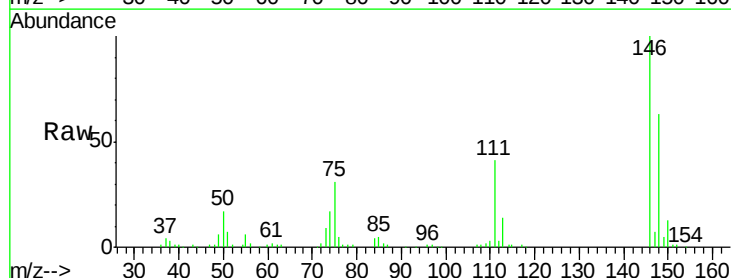
Tgt Ion:146 Resp: 103407

Ion Ratio Lower Upper

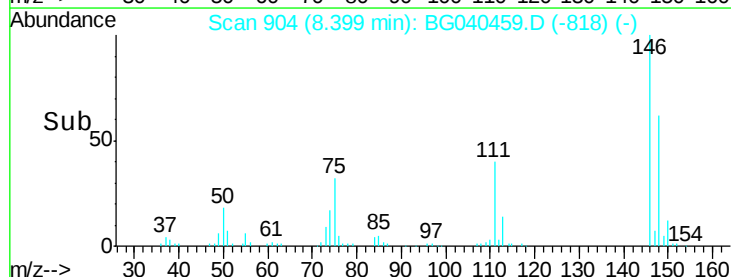
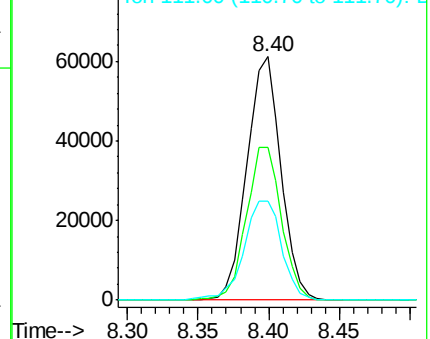
146 100

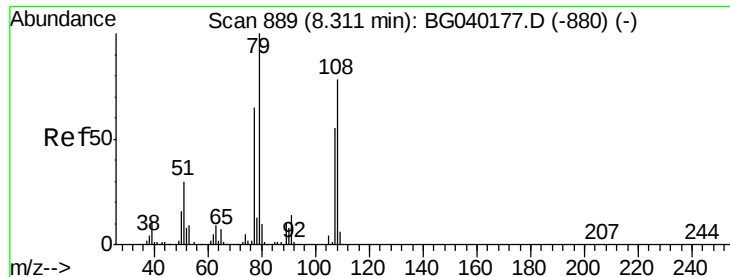
148 62.5 50.8 76.2

111 40.8 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.396 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

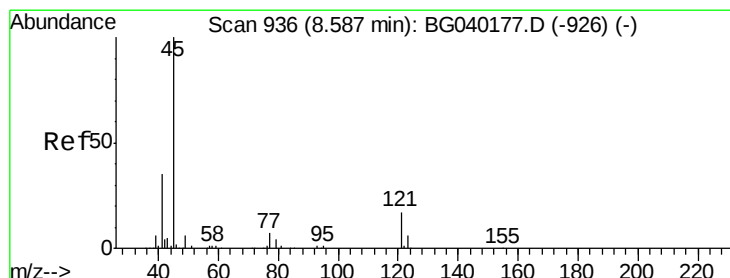
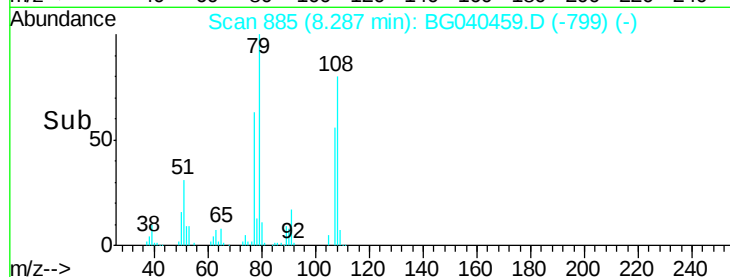
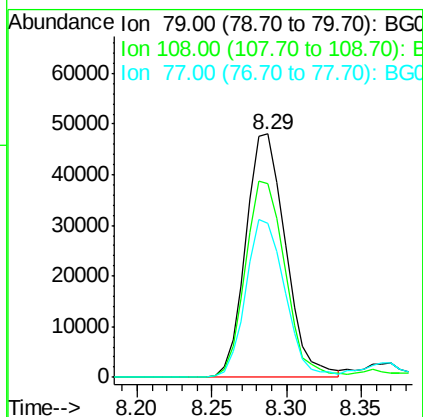
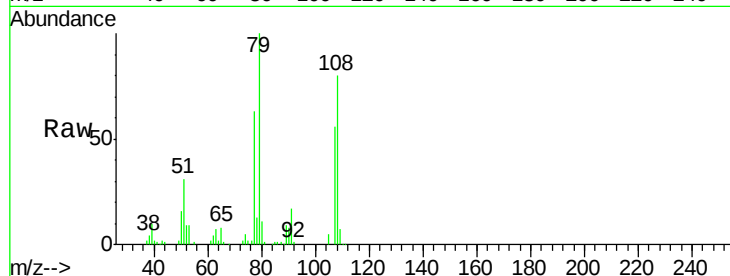
Tot Ion: 79 Resp: 88782

Ion Ratio Lower Upper

79 100

108 79.5 62.1 93.1

77 63.1 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.411 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

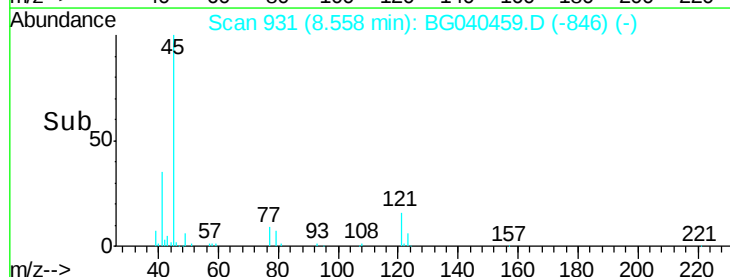
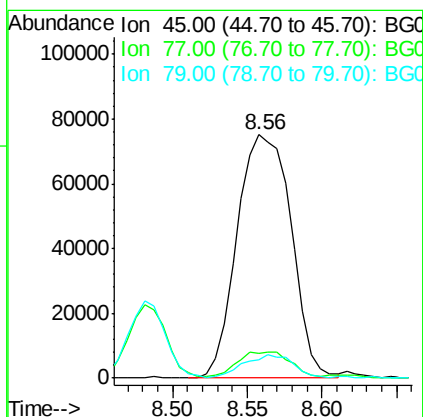
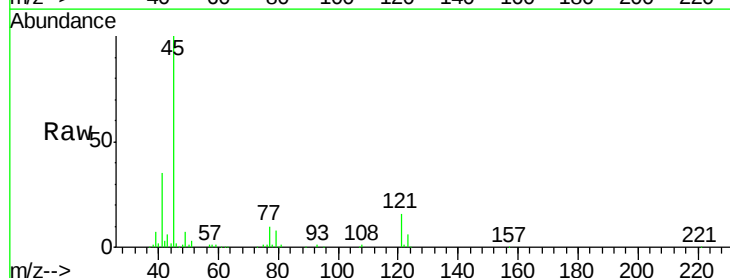
Tgt Ion: 45 Resp: 189063

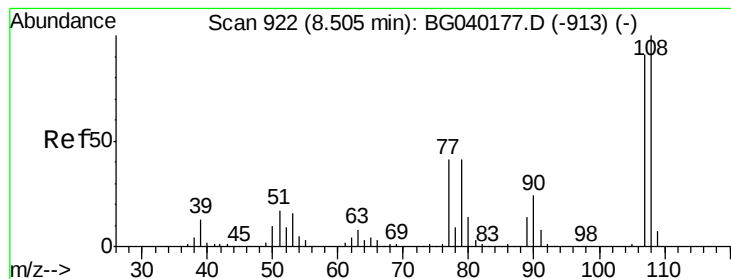
Ion Ratio Lower Upper

45 100

77 10.0 0.0 31.4

79 7.8 0.0 28.3

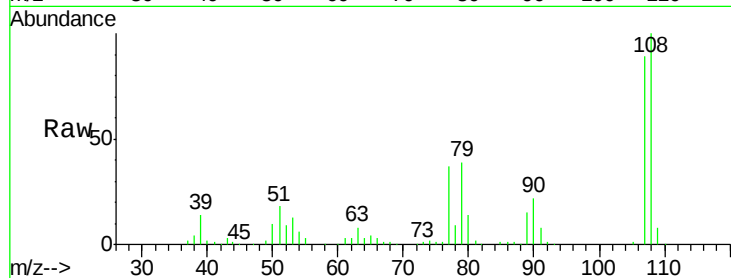




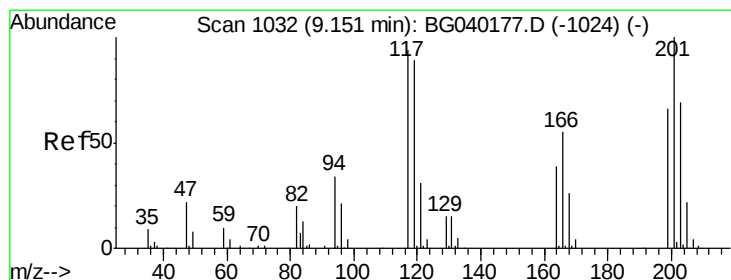
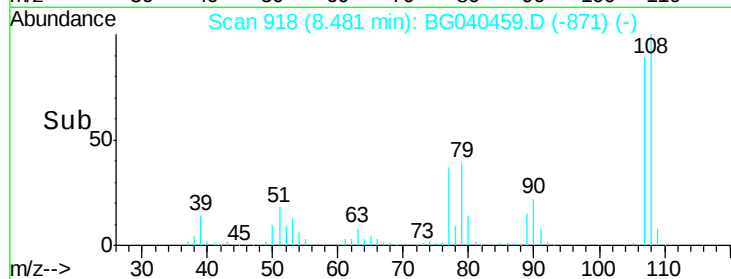
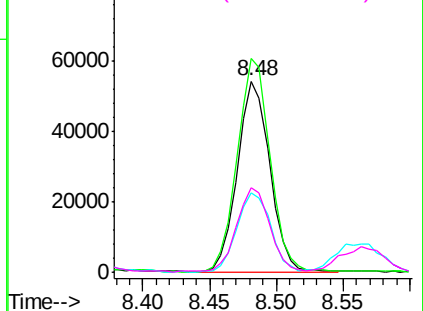
#17
2-Methylphenol
Concen: 40.422 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	91961
Ion	Ratio	Lower	Upper
107	100		
108	111.9	88.2	132.4
77	41.9	36.6	55.0
79	44.0	36.5	54.7

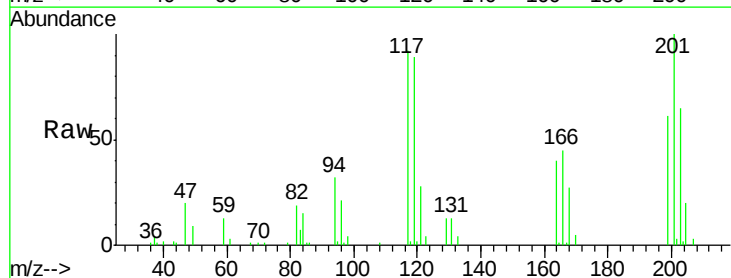


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

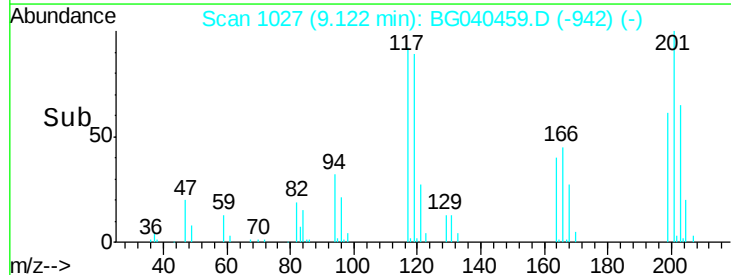
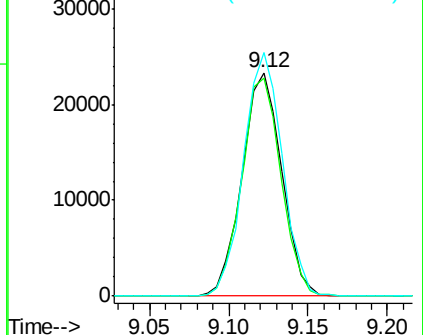


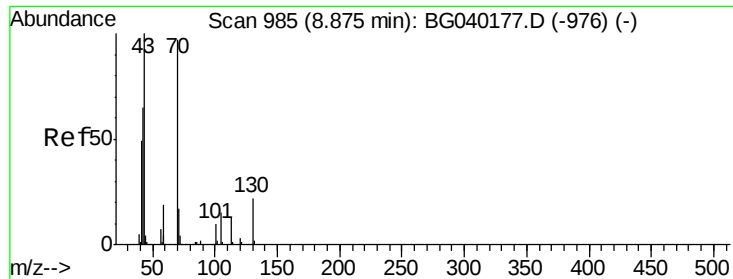
#18
Hexachloroethane
Concen: 38.391 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion:	117	Resp:	40564
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	115.0
201	109.0	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

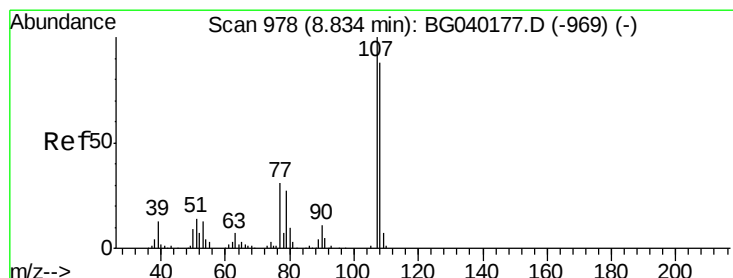
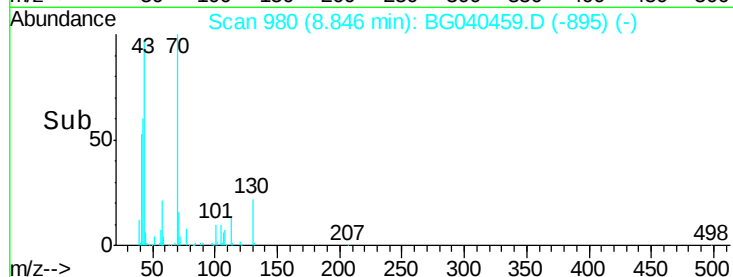
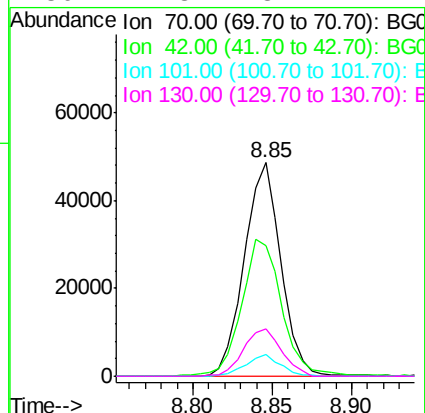
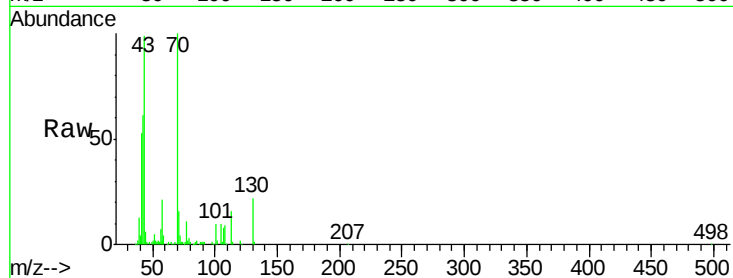




#19
n-Nitroso-di-n-propylamine
Concen: 35.760 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

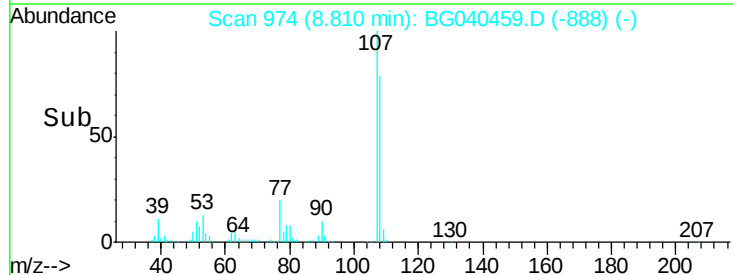
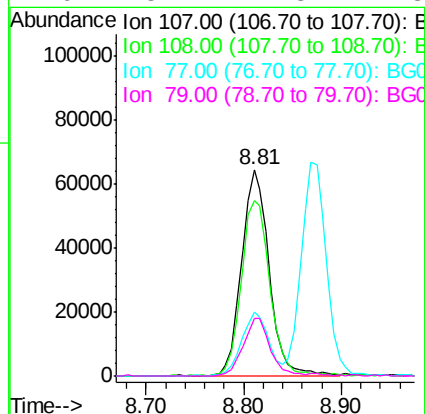
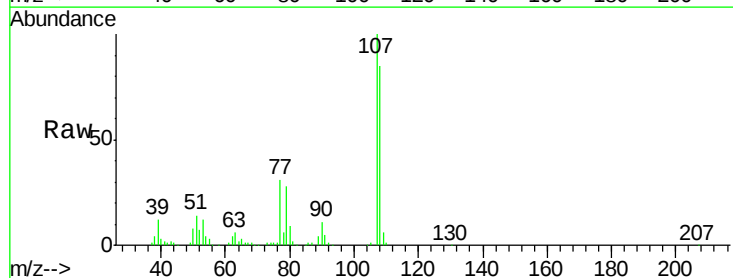
Instrument :
BNA_G
ClientSampleId :

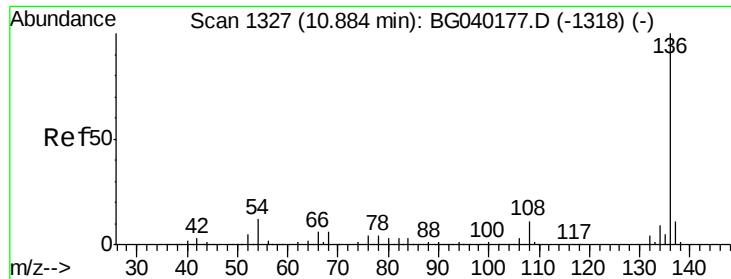
Tot Ion:	70	Resp:	77659
Ion	Ratio	Lower	Upper
70	100		
42	61.1	54.0	81.0
101	10.5	8.6	13.0
130	22.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.253 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion:	107	Resp:	127138
Ion	Ratio	Lower	Upper
107	100		
108	84.8	68.3	108.3
77	31.1	11.3	51.3
79	28.1	7.3	47.3

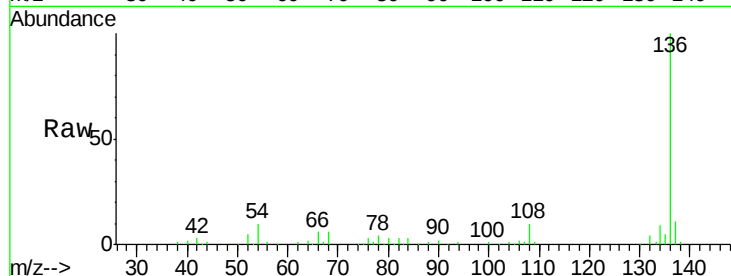




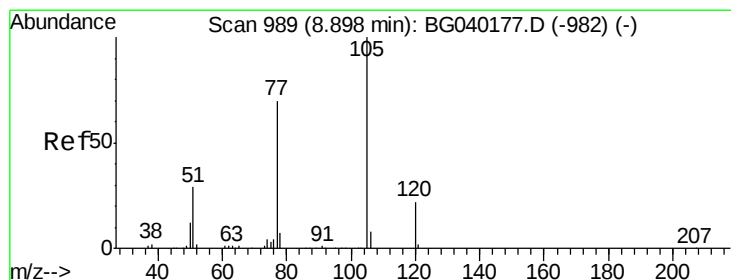
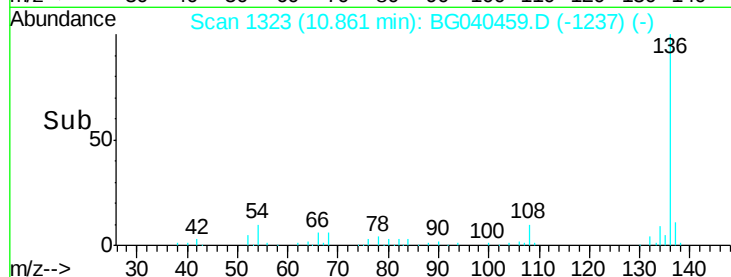
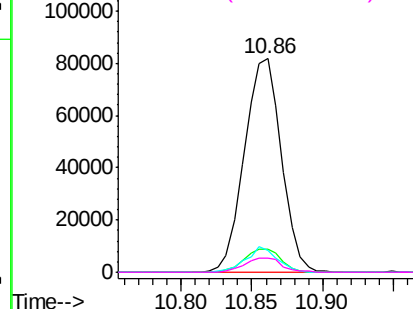
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	149847
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	10.3	9.6 14.4
68	6.5	5.1 7.7

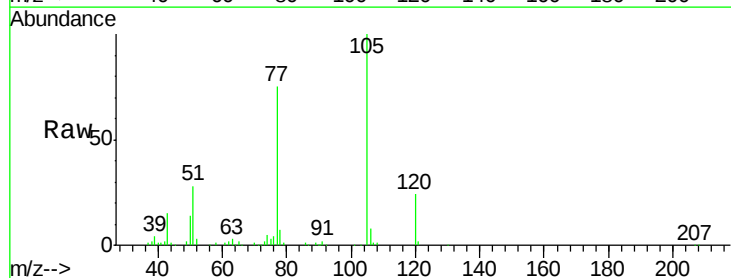


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

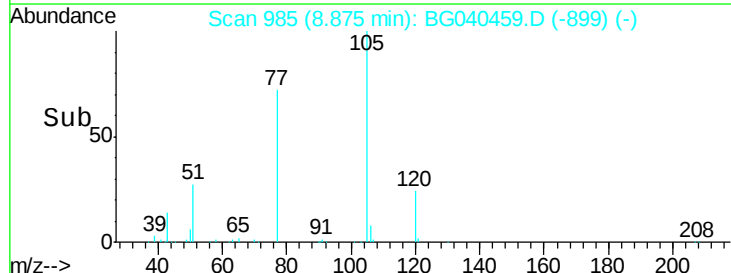
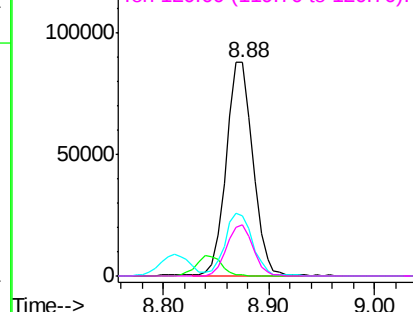


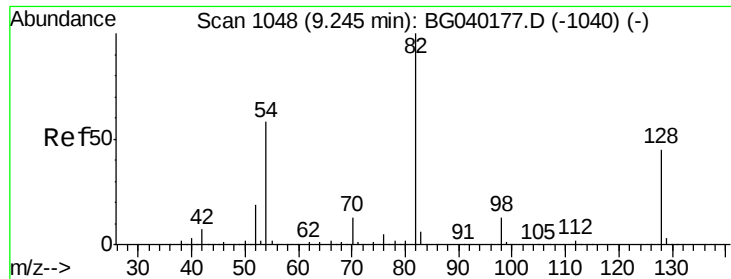
#22
Acetophenone
Concen: 41.311 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion:105	Resp:	154418
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.6 1.0#
51	28.1	25.1 37.7
120	23.9	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

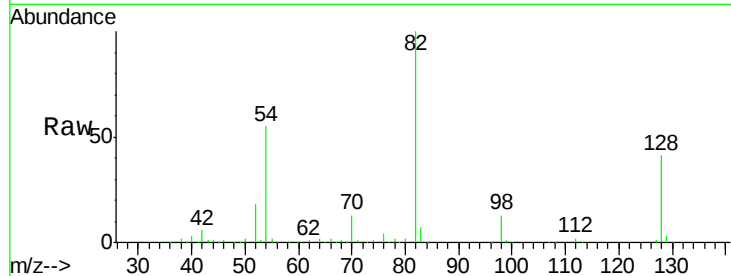




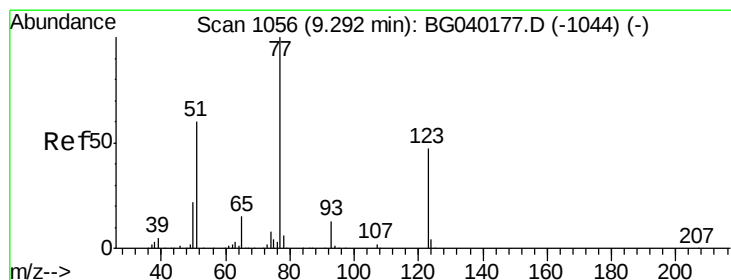
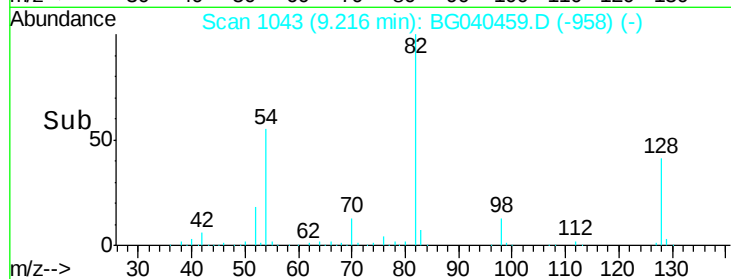
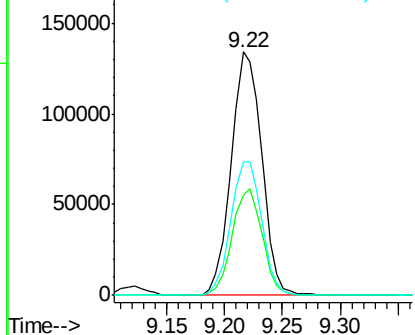
#23
 Nitrobenzene-d5
 Concen: 87.206 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	245847
Ion Ratio	100	Lower	Upper
128	41.4	35.8	53.8
54	54.8	46.2	69.2

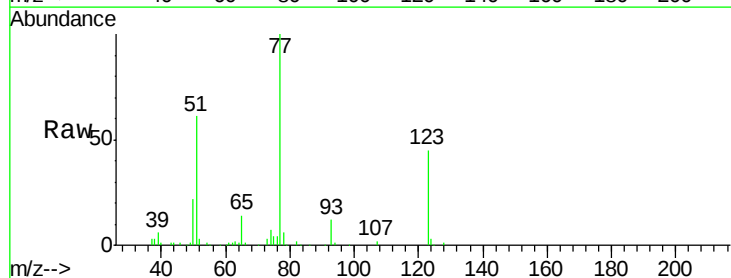


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

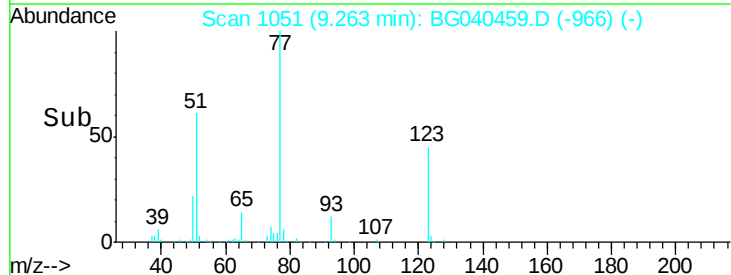
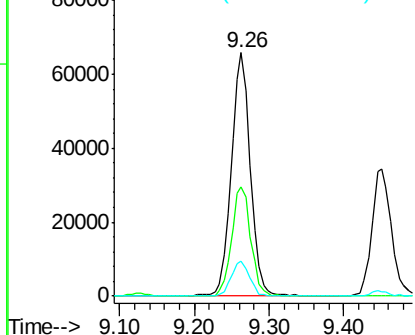


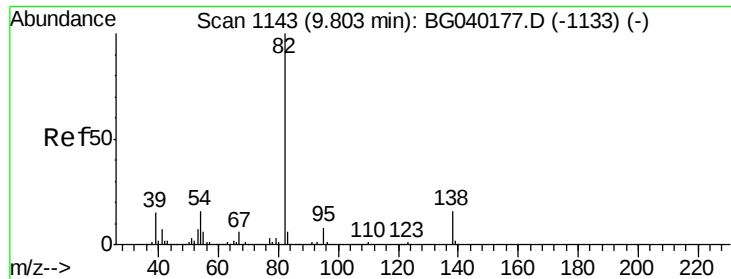
#24
 Nitrobenzene
 Concen: 40.180 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion	77	Resp	117299
Ion Ratio	100	Lower	Upper
123	44.7	37.8	56.6
65	14.5	12.0	18.0



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





#25

Isophorone

Concen: 38.753 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

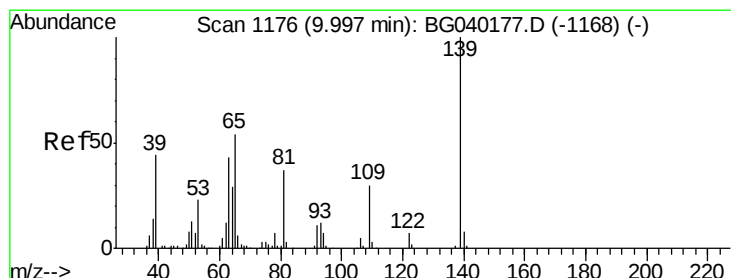
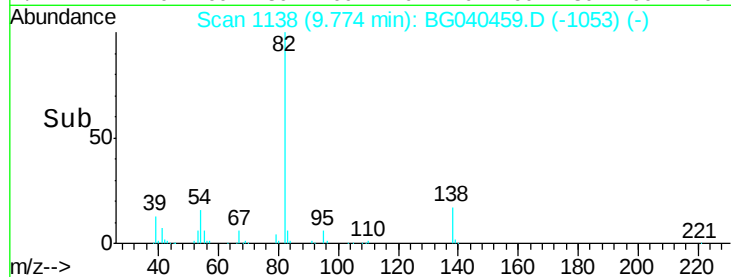
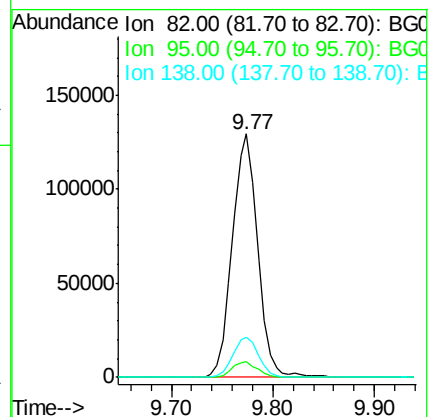
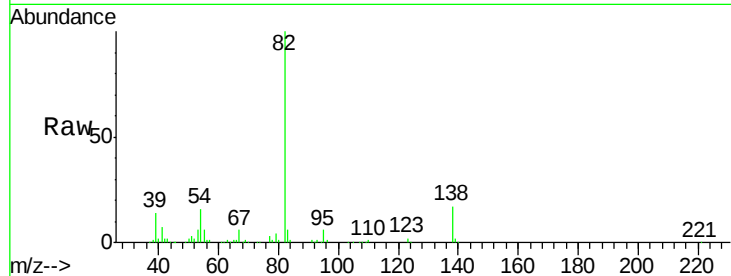
Tot Ion: 82 Resp: 224792

Ion Ratio Lower Upper

82 100

95 6.4 6.1 9.1

138 16.6 13.2 19.8



#26

2-Nitrophenol

Concen: 39.635 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

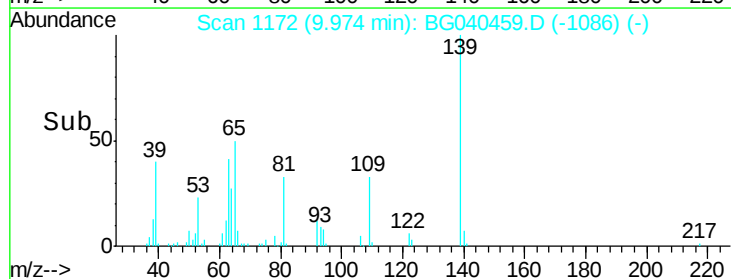
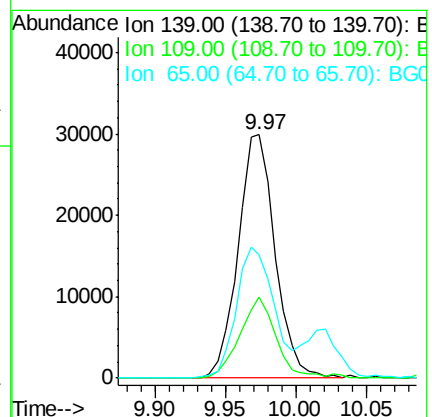
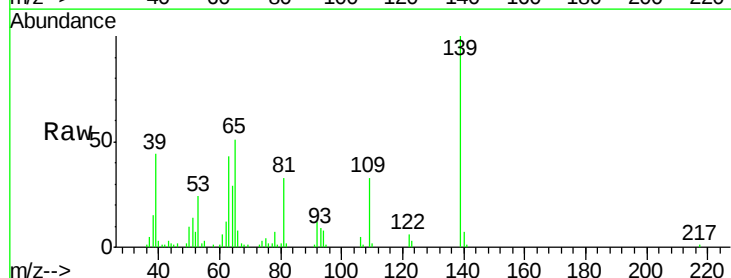
Tgt Ion: 139 Resp: 54827

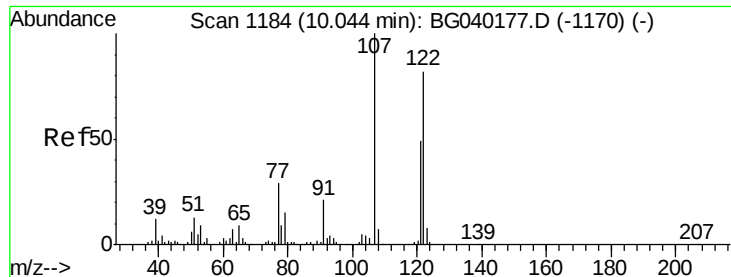
Ion Ratio Lower Upper

139 100

109 33.1 24.1 36.1

65 50.8 43.0 64.6

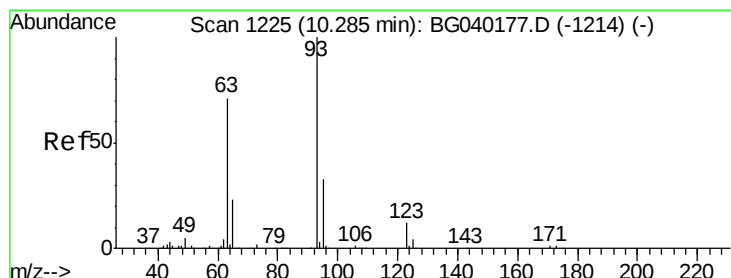
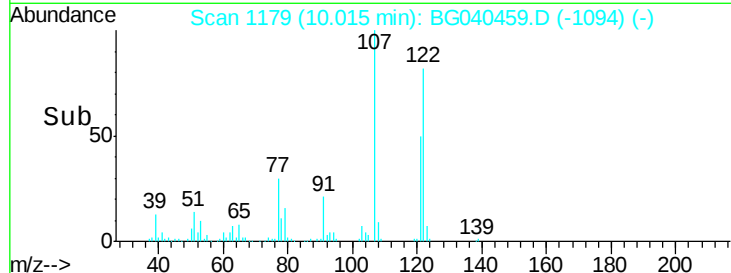
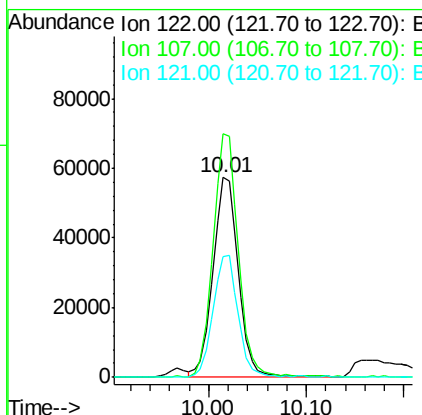
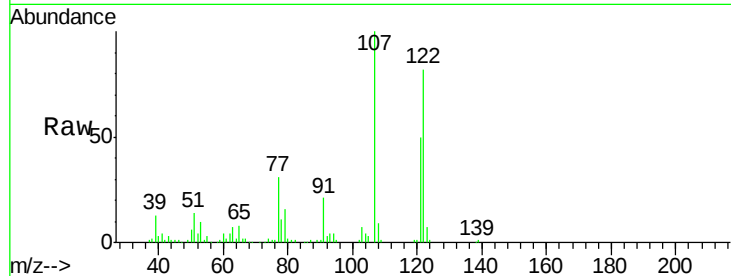




#27
 2,4-Dimethylphenol
 Concen: 46.463 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

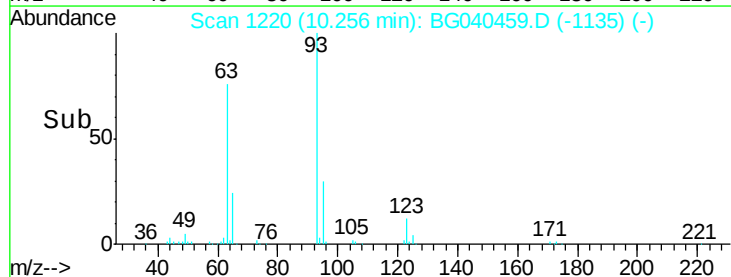
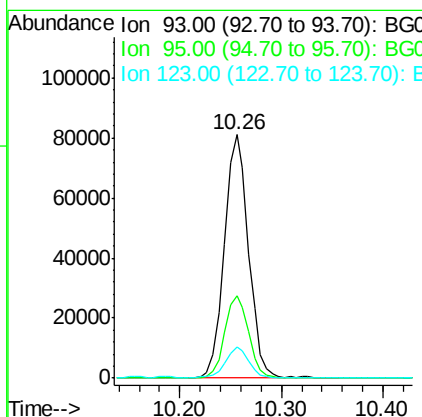
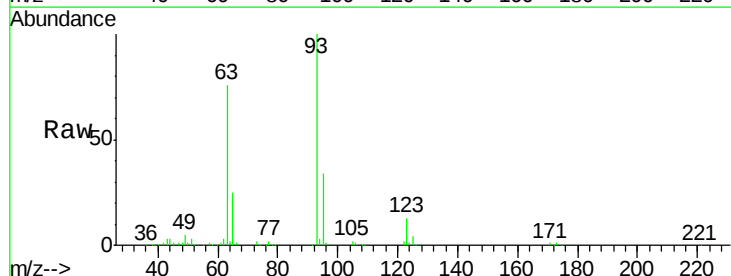
Instrument :
 BNA_G
 ClientSampled :

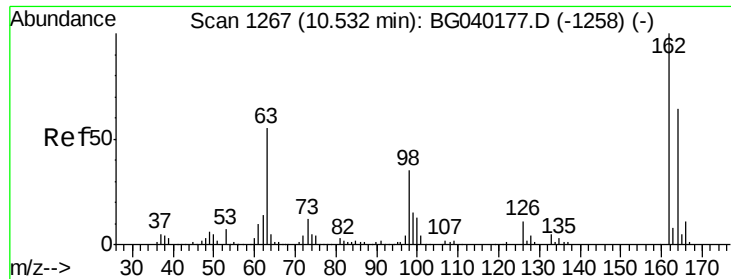
Tot Ion:122 Resp: 102091
 Ion Ratio Lower Upper
 122 100
 107 121.8 97.4 146.2
 121 60.5 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.976 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion: 93 Resp: 133759
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.2 39.4
 123 12.6 9.4 14.0

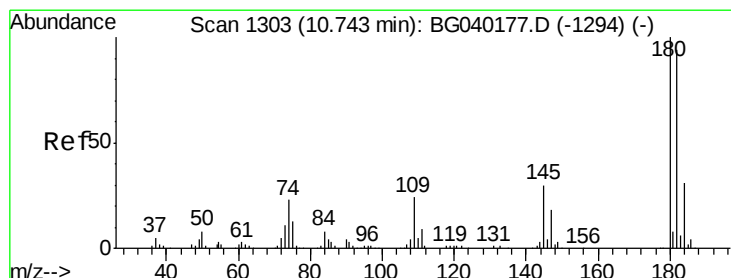
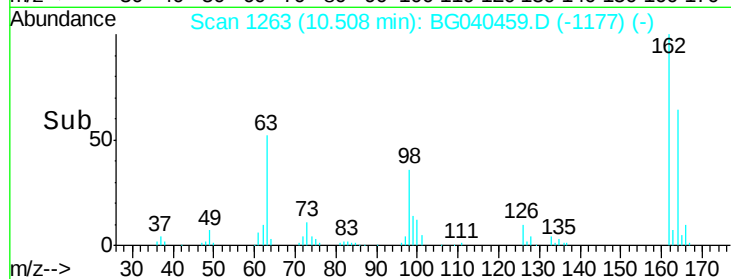
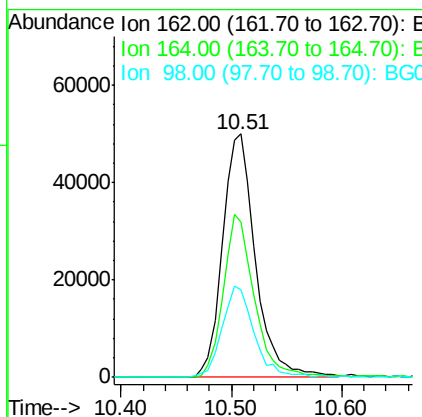
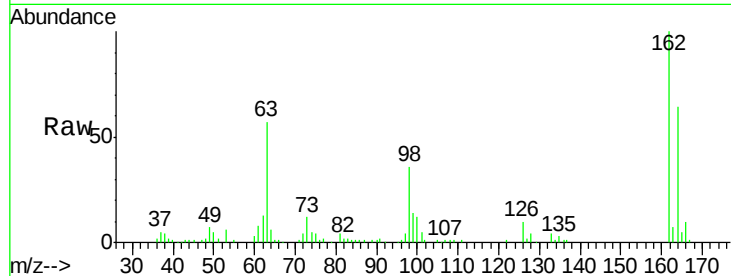




#29
 2,4-Dichlorophenol
 Concen: 43.667 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

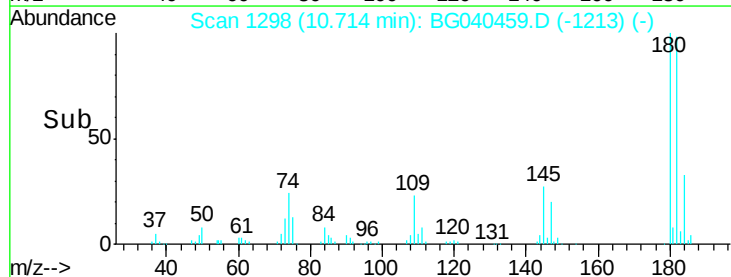
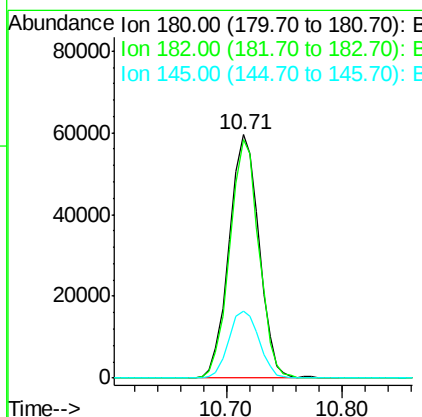
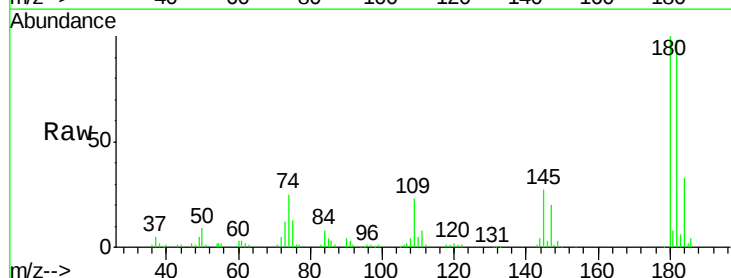
Instrument :
 BNA_G
 ClientSampleId :

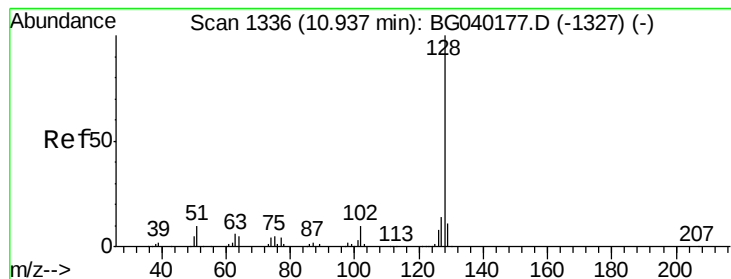
Tot Ion:162 Resp: 104144
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.9 83.9
 98 35.9 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.657 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion:180 Resp: 106473
 Ion Ratio Lower Upper
 180 100
 182 97.9 75.1 112.7
 145 27.3 24.1 36.1

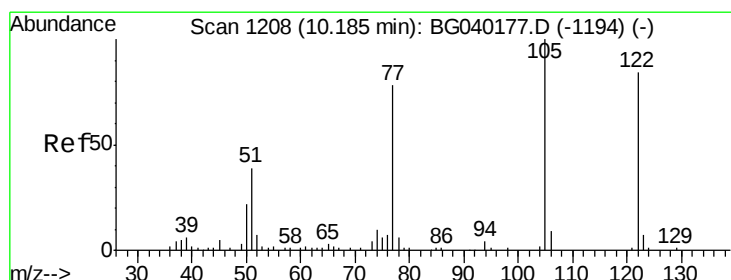
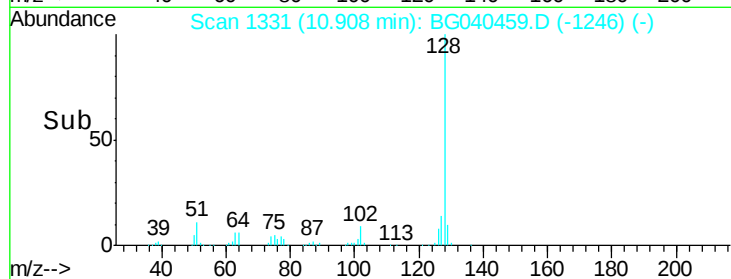
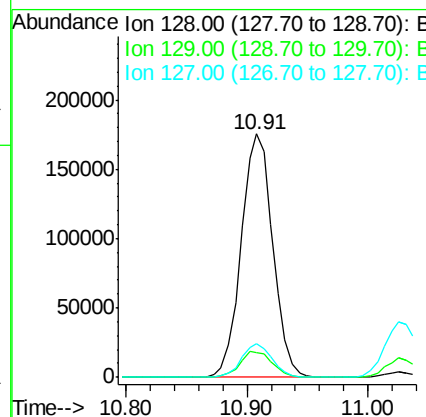
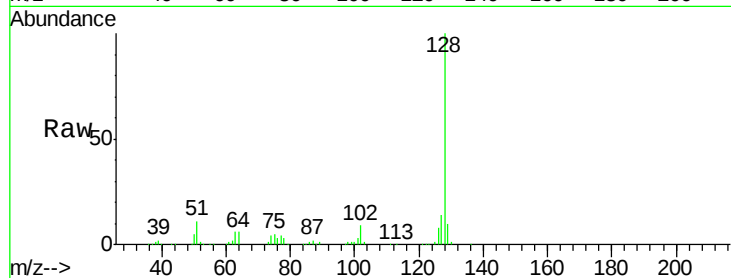




#31
Naphthalene
Concen: 41.535 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

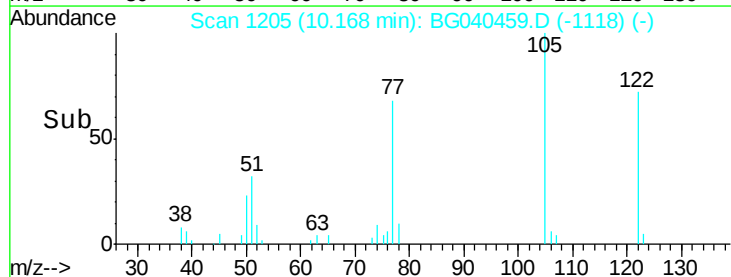
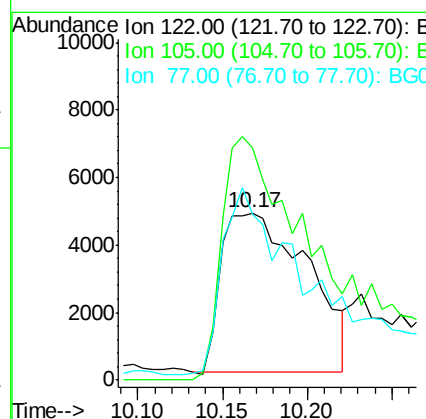
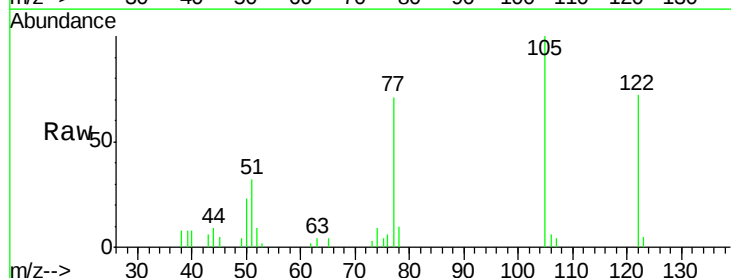
Instrument :
BNA_G
ClientSampled :

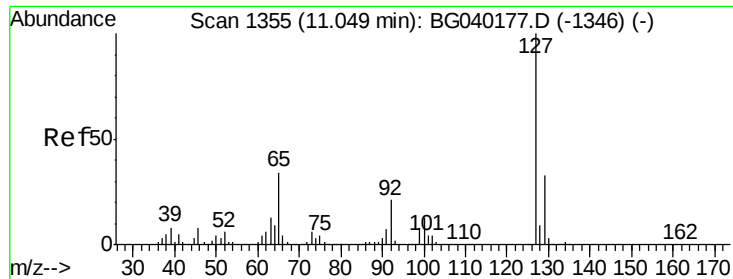
Tot Ion:128 Resp: 319017
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 12.654 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion:122 Resp: 16799
Ion Ratio Lower Upper
122 100
105 138.3 98.2 138.2#
77 98.7 73.6 113.6

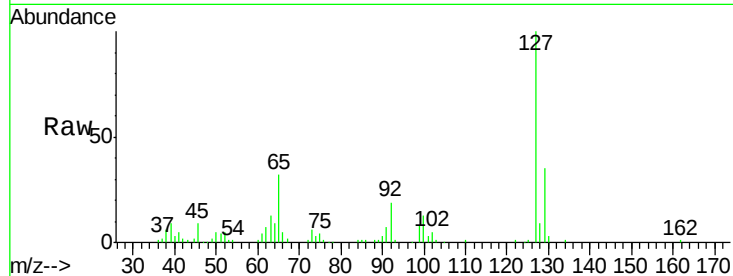




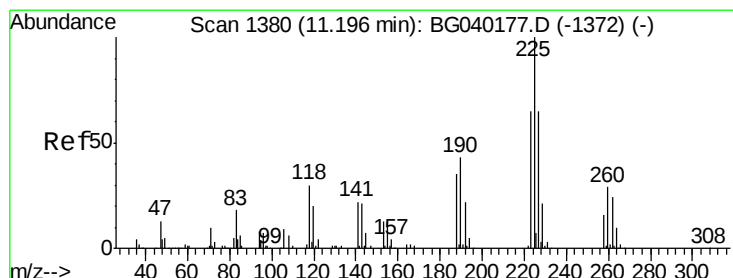
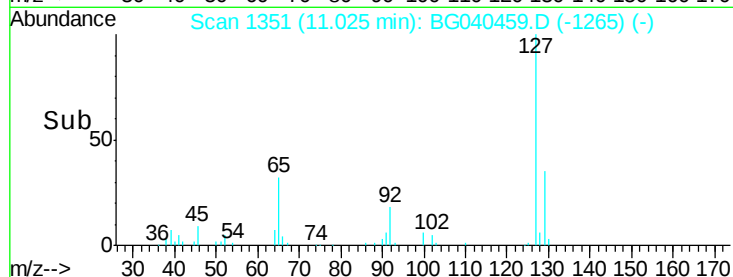
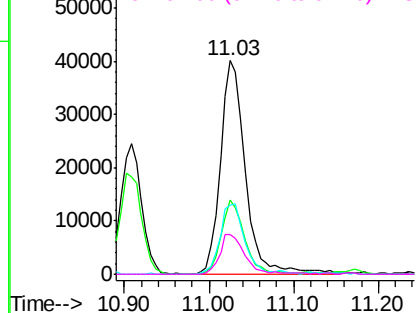
#33
4-Chloroaniline
Concen: 25.190 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	82528
Ion	Ratio	Lower	Upper
127	100		
129	34.9	26.6	40.0
65	32.4	27.0	40.4
92	18.8	16.6	25.0

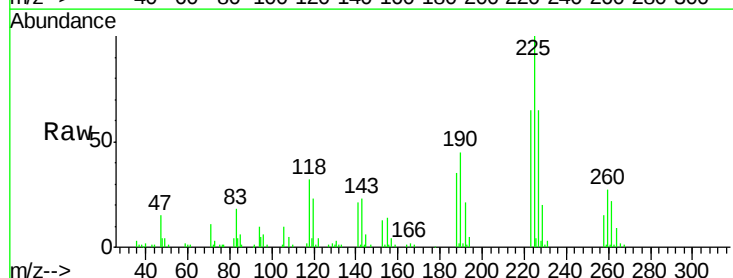


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

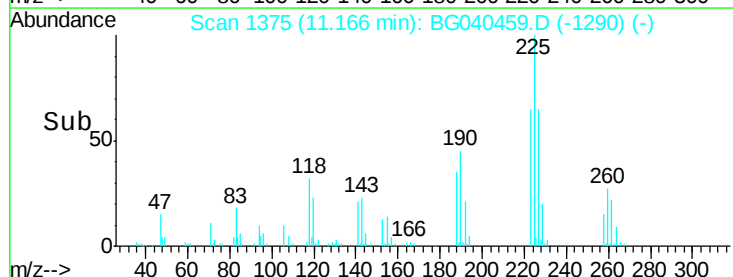
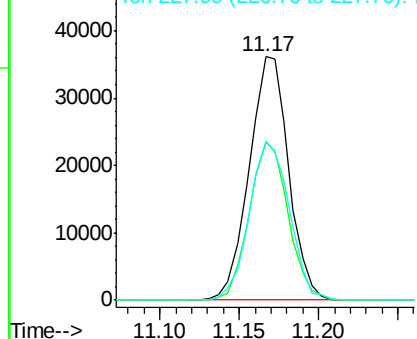


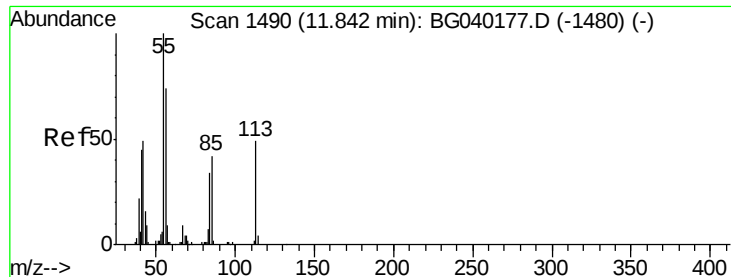
#34
Hexachlorobutadiene
Concen: 37.232 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion:	225	Resp:	62358
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.8	77.8
227	65.2	54.9	82.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.174 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.04 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

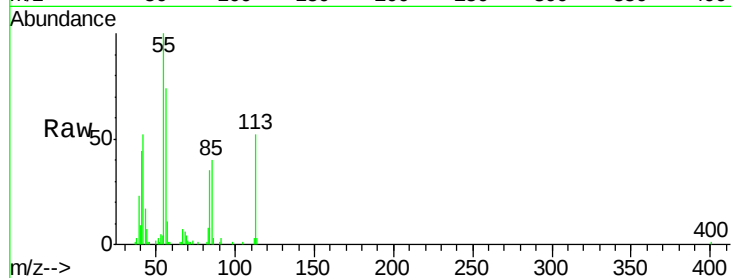
Tot Ion:113 Resp: 39916

Ion Ratio Lower Upper

113 100

55 192.3 184.2 224.2

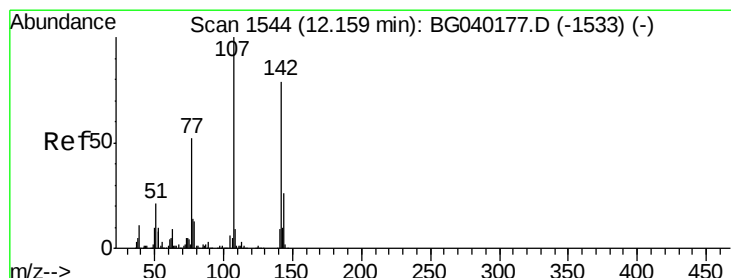
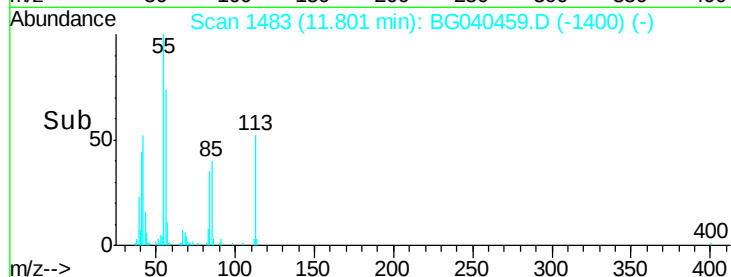
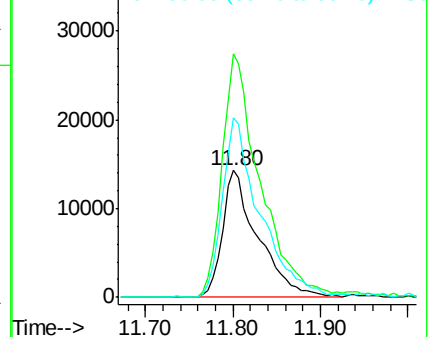
56 141.8 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG040177.D (-1480) (-)

Ion 56.00 (55.70 to 56.70): BG040177.D (-1480) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.598 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

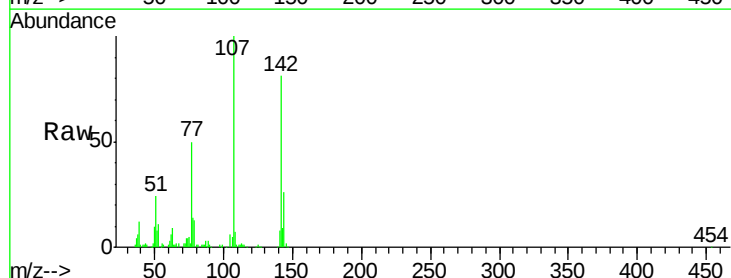
Tgt Ion:107 Resp: 125022

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

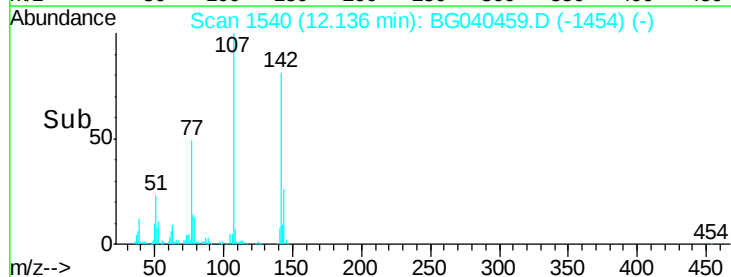
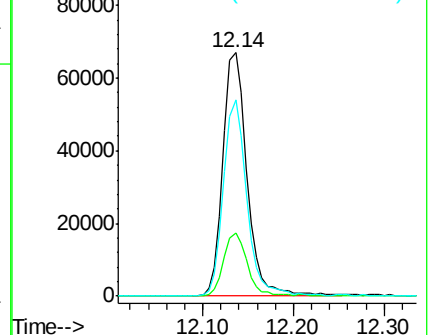
142 80.8 63.1 94.7

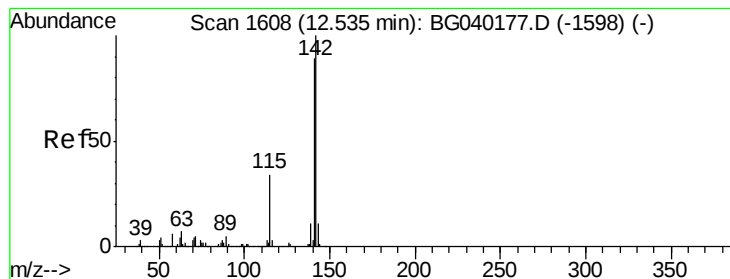


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG040177.D (-1533) (-)

Ion 142.00 (141.70 to 142.70): BG040177.D (-1533) (-)





#37

2-Methylnaphthalene

Concen: 42.355 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

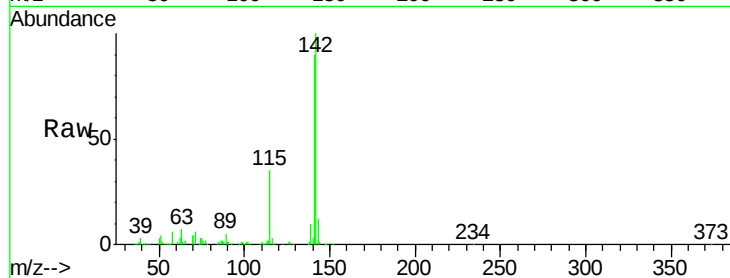
Tot Ion:142 Resp: 240601

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

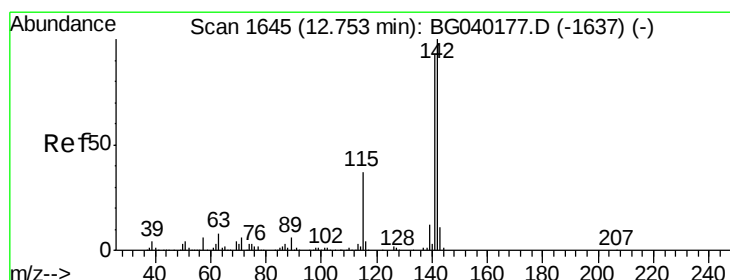
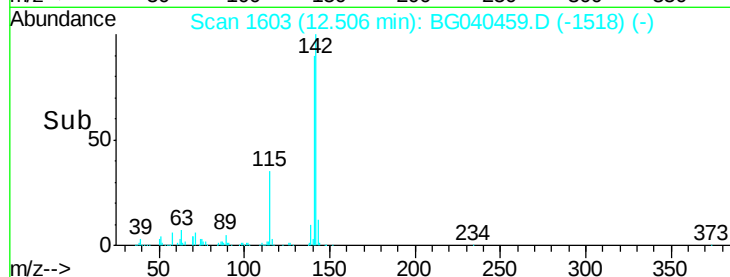
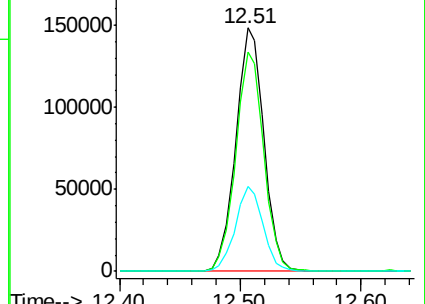
115 34.9 27.3 40.9



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: 41.863 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

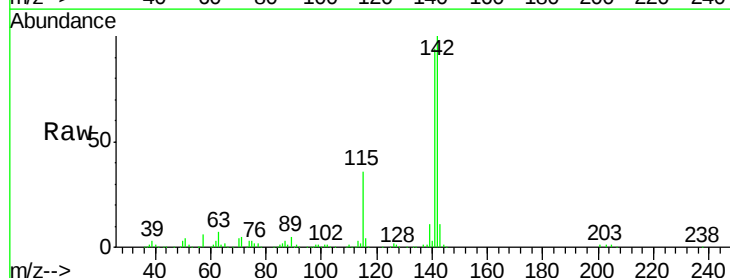
Tgt Ion:142 Resp: 230601

Ion Ratio Lower Upper

142 100

141 94.4 74.2 111.4

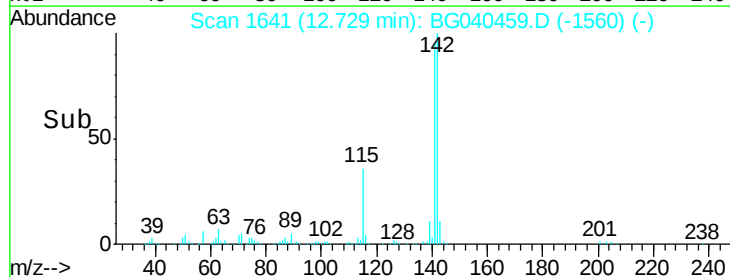
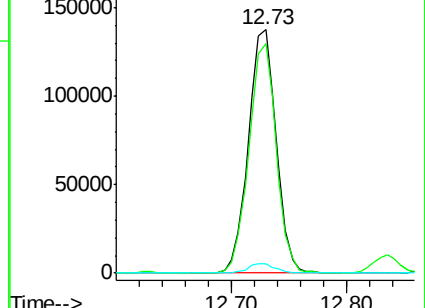
116 3.6 3.0 4.4

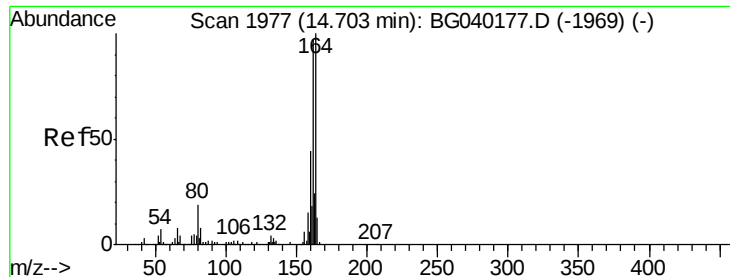


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

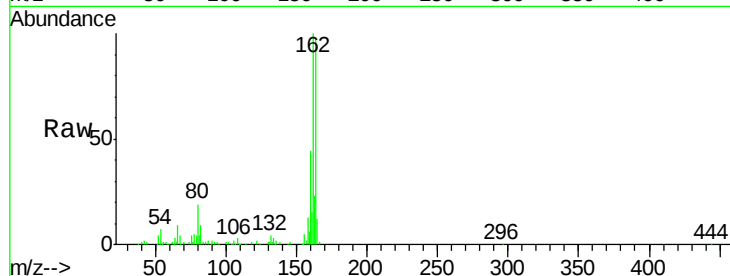
Tot Ion:164 Resp: 98174

Ion Ratio Lower Upper

164 100

162 103.5 77.4 116.2

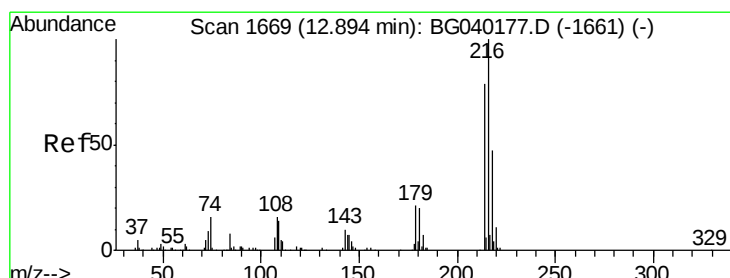
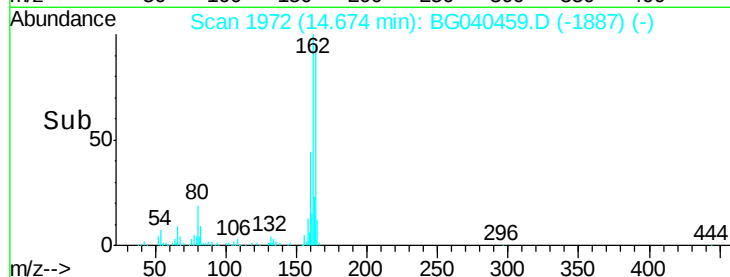
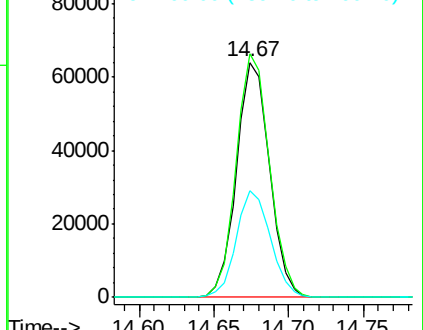
160 45.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.063 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Tgt Ion:216 Resp: 121888

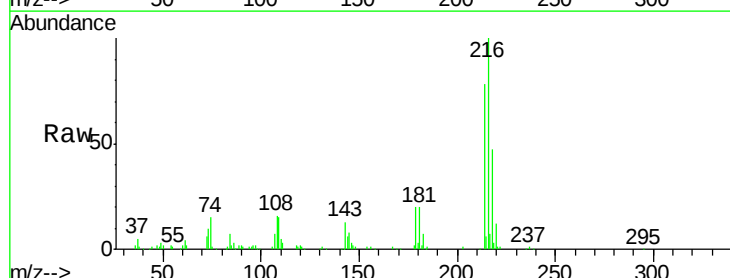
Ion Ratio Lower Upper

216 100

214 80.9 63.5 95.3

179 20.1 16.6 25.0

108 19.6 13.8 20.8

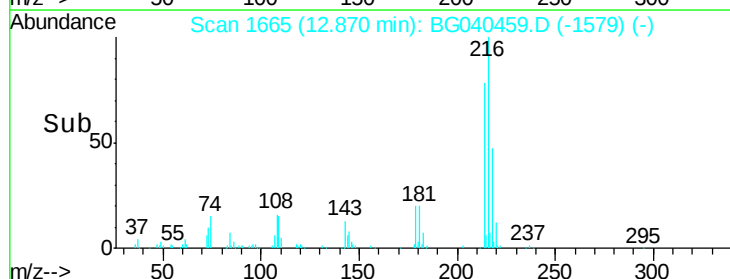
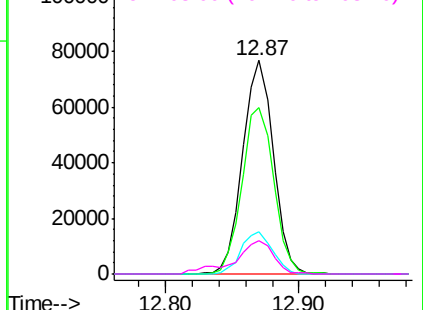


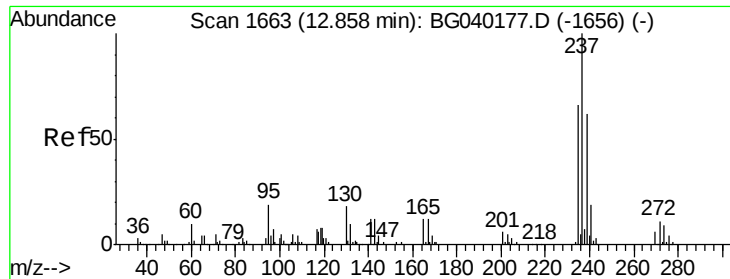
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.356 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

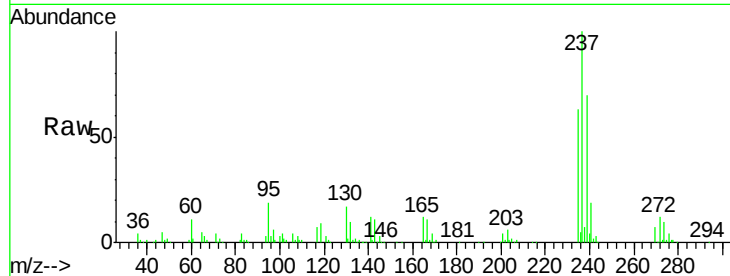
Tot Ion:237 Resp: 134246

Ion Ratio Lower Upper

237 100

235 63.0 46.2 86.2

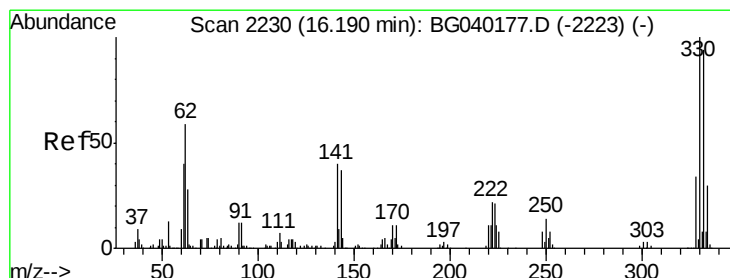
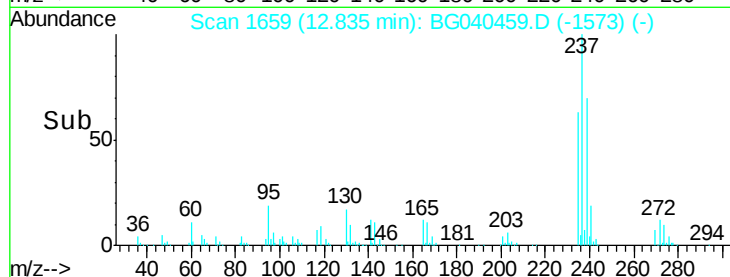
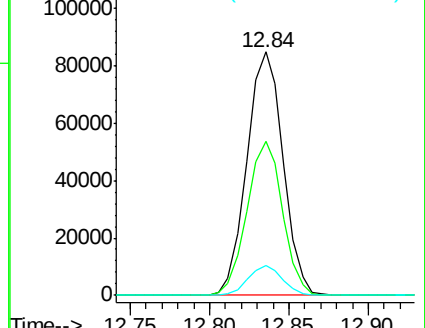
272 12.4 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 150.854 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

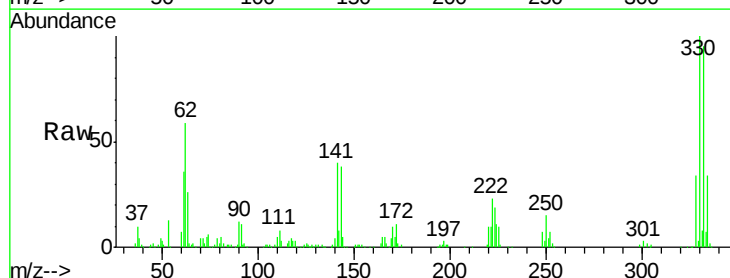
Tgt Ion:330 Resp: 160057

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

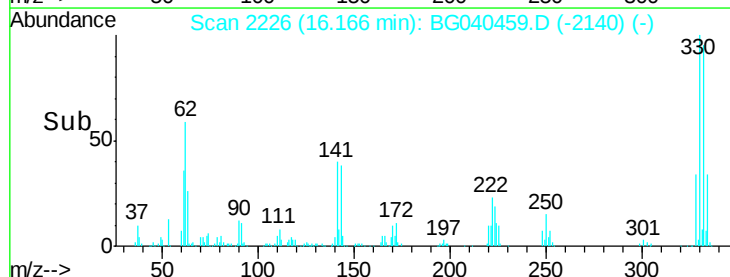
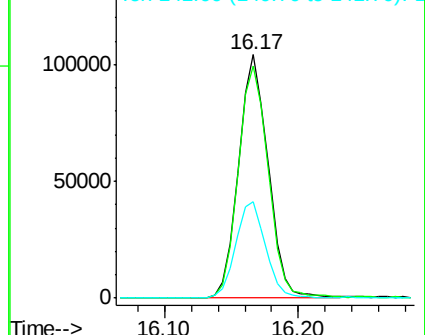
141 40.4 32.6 48.8

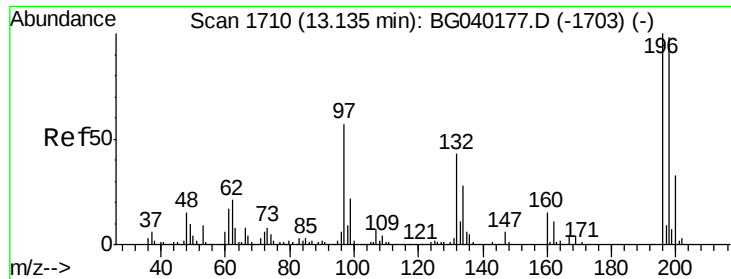


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

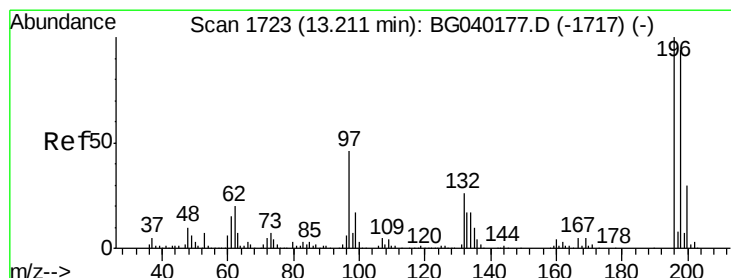
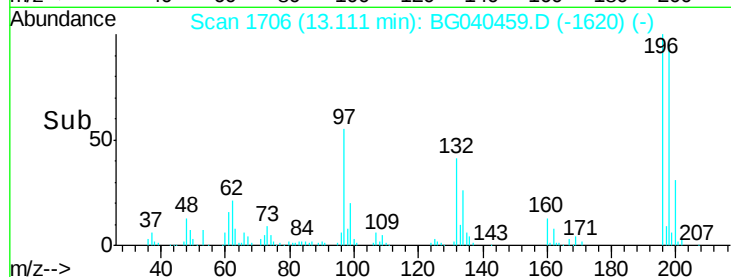
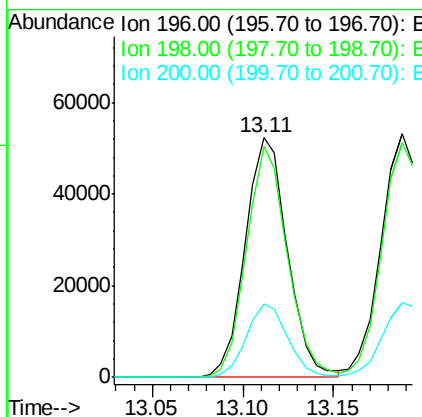
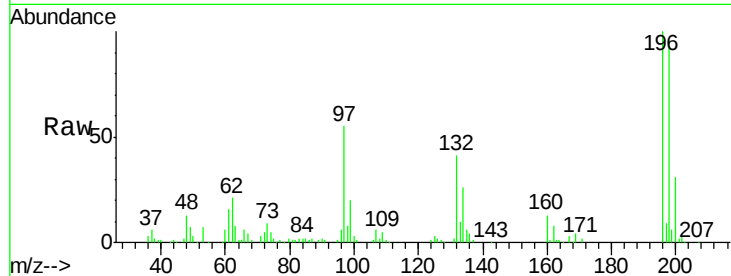




#43
 2,4,6-Trichlorophenol
 Concen: 42.398 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

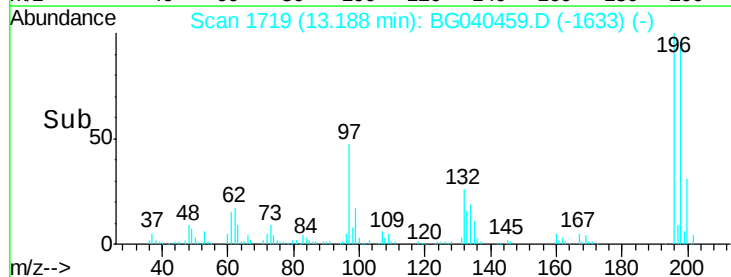
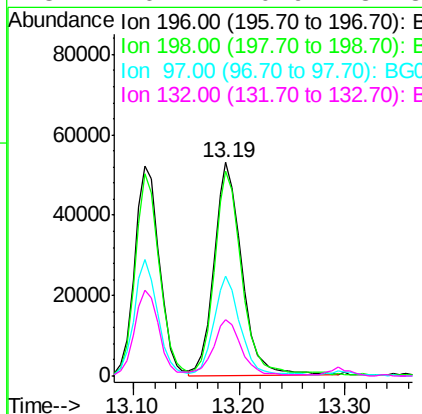
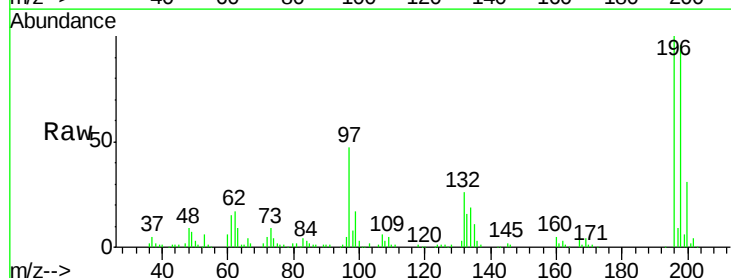
Instrument :
 BNA_G
 ClientSampleId :

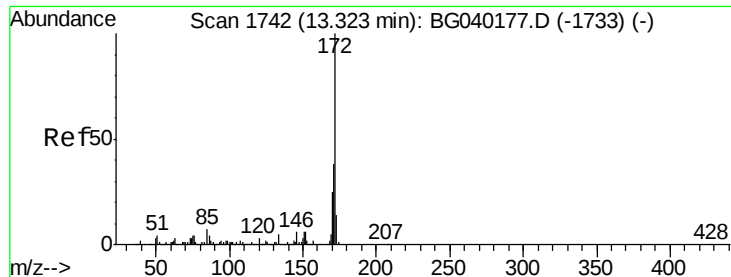
Tot Ion:196 Resp: 85295
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.3 117.5
 200 30.6 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.937 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion:196 Resp: 96344
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.0 112.6
 97 46.5 37.3 55.9
 132 26.2 20.9 31.3

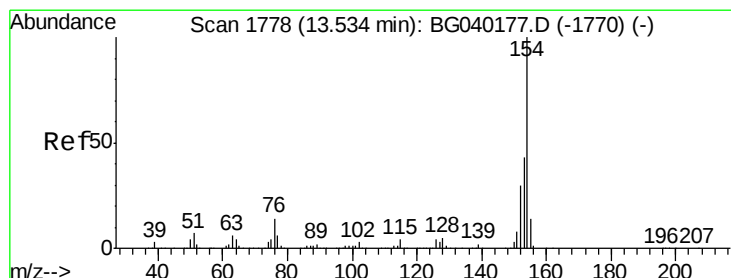
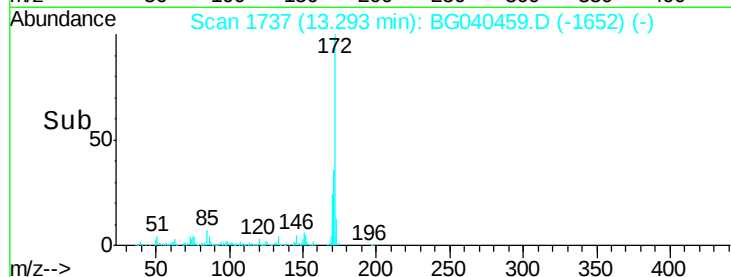
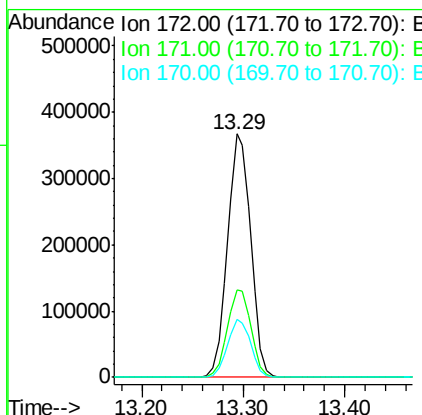
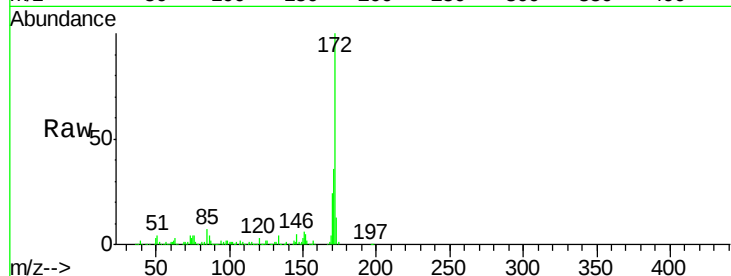




#45
2-Fluorobiphenyl
Concen: 87.595 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

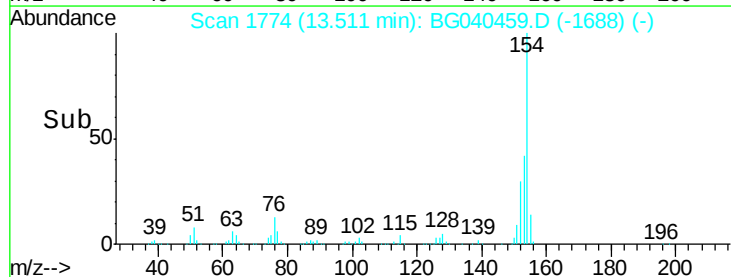
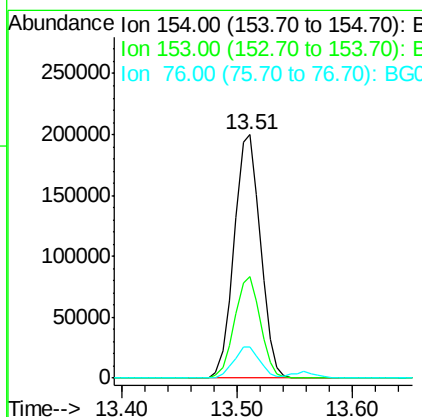
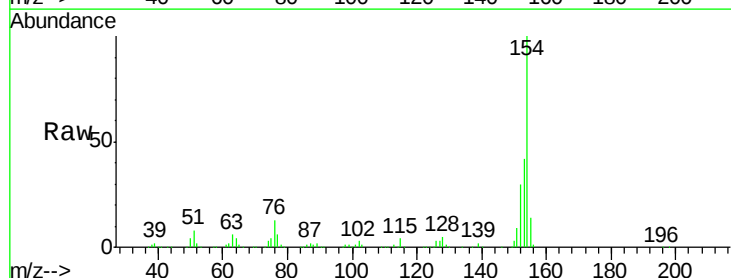
Instrument :
BNA_G
ClientSampleId :

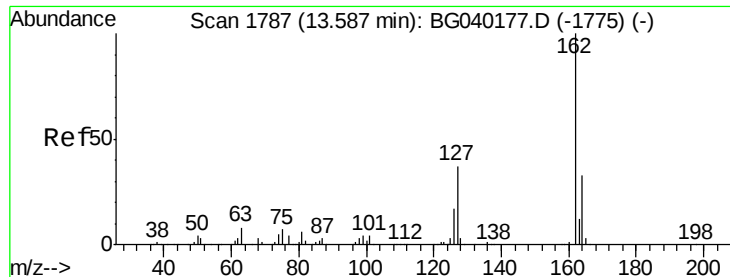
Tot Ion:172 Resp: 580361
Ion Ratio Lower Upper
172 100
171 35.9 30.5 45.7
170 23.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 40.594 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion:154 Resp: 314891
Ion Ratio Lower Upper
154 100
153 41.8 22.5 62.5
76 12.9 0.0 33.7

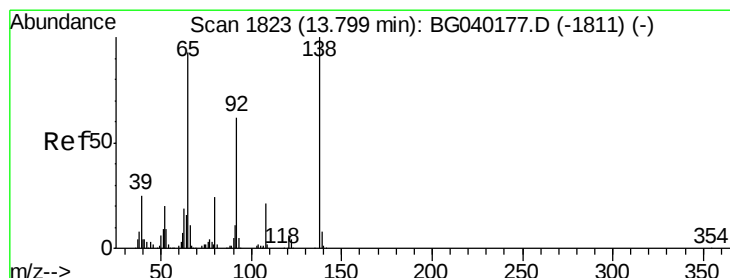
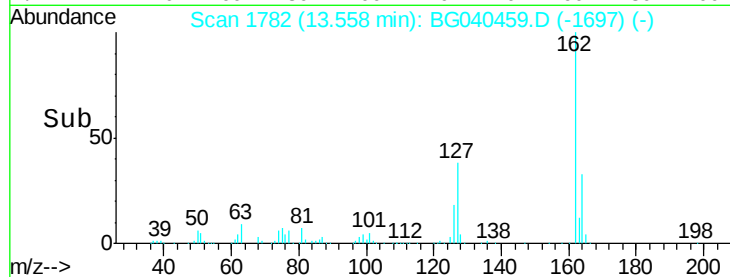
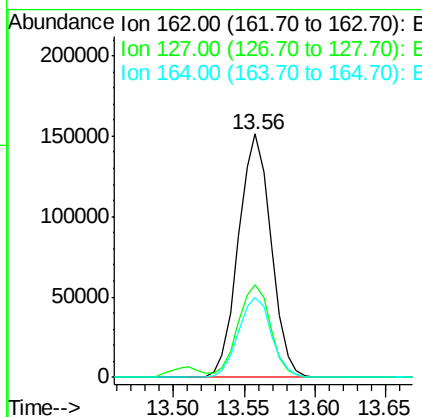
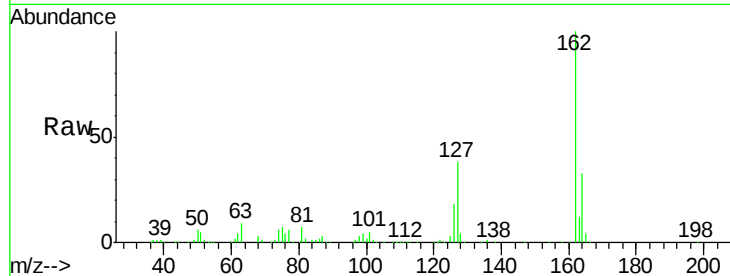




#47
 2-Chloronaphthalene
 Concen: 41.107 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

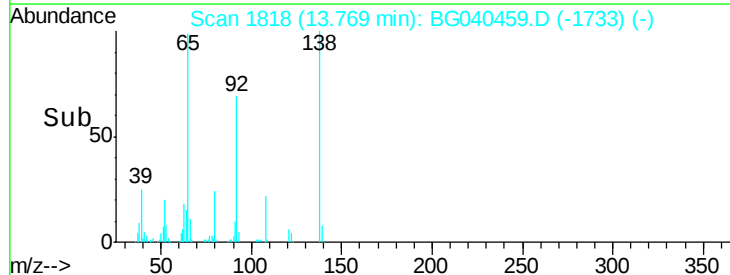
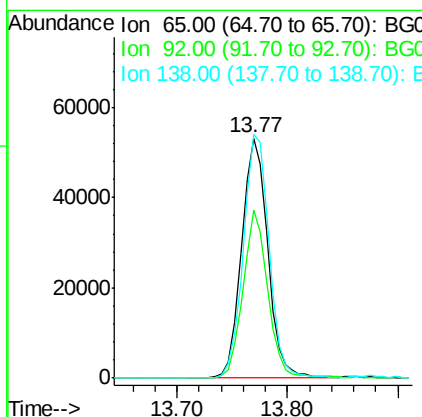
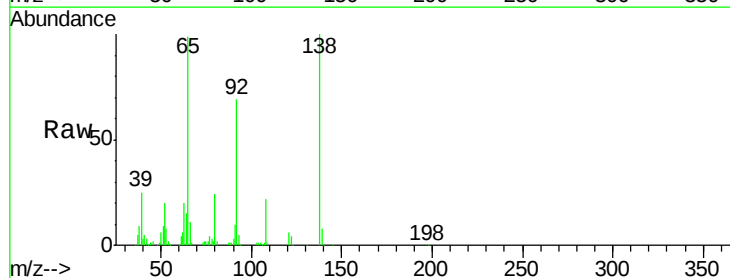
Instrument :
 BNA_G
 ClientSampled :

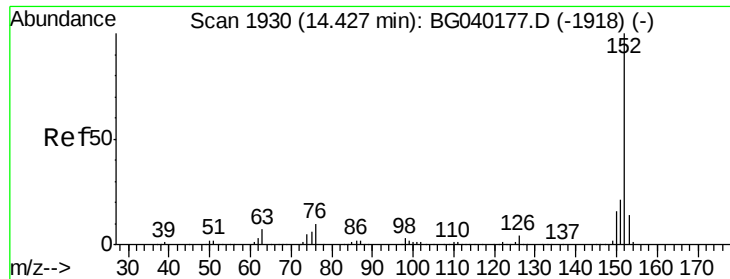
Tot Ion	162	Resp	244589
Ion Ratio	Lower	Upper	
162	100		
127	38.2	30.6	45.8
164	32.8	26.2	39.4



#48
 2-Nitroaniline
 Concen: 44.207 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion	65	Resp	88725
Ion Ratio	Lower	Upper	
65	100		
92	70.2	53.8	80.6
138	101.5	86.3	129.5





#49

Acenaphthylene

Concen: 41.578 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

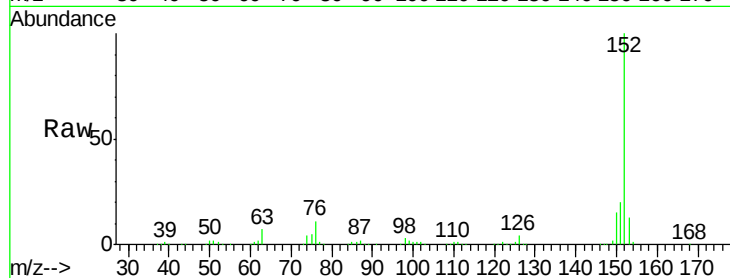
Tot Ion:152 Resp: 419451

Ion Ratio Lower Upper

152 100

151 20.1 17.0 25.6

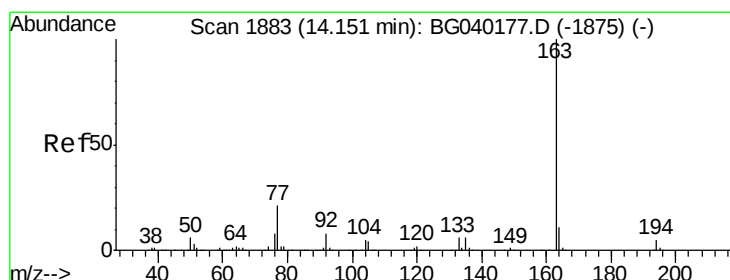
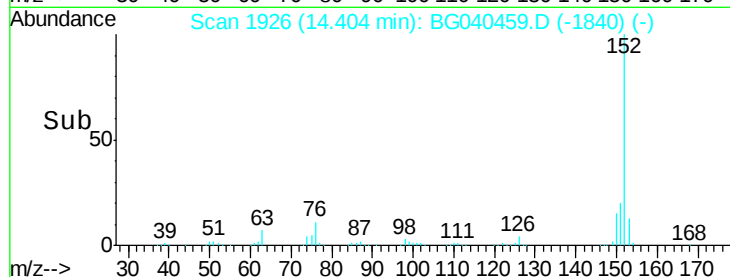
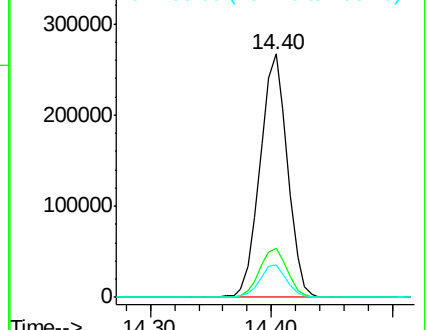
153 13.1 10.8 16.2



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: 42.627 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

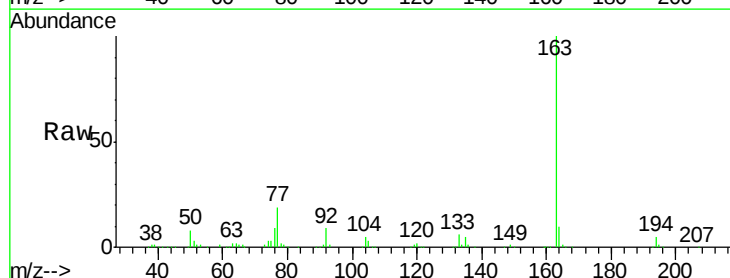
Tgt Ion:163 Resp: 327521

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

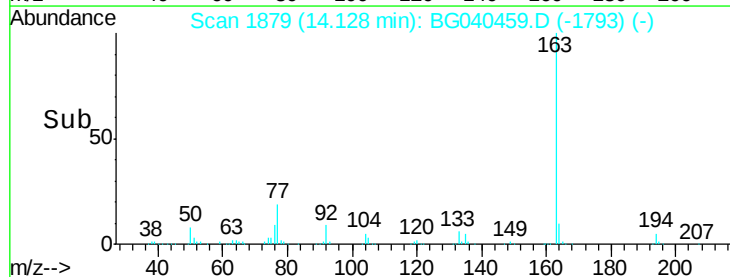
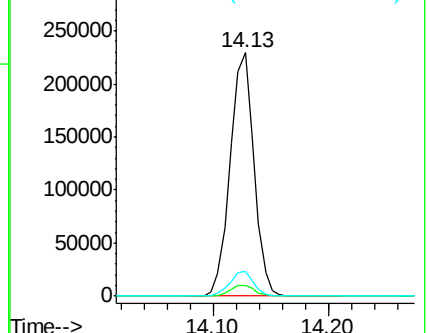
164 10.2 8.6 13.0

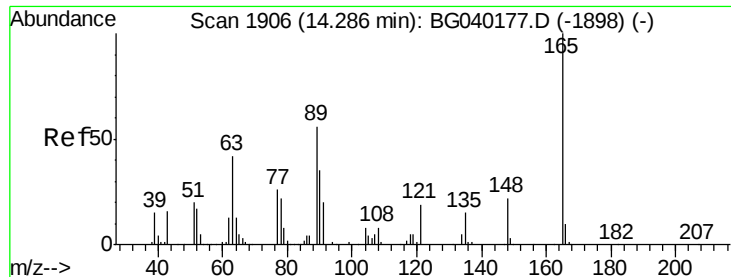


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

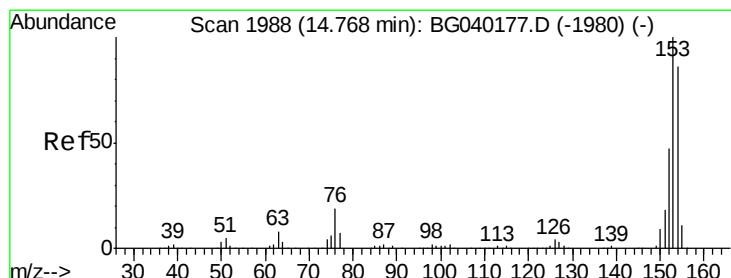
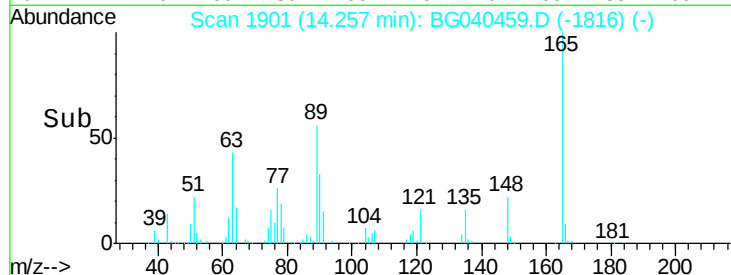
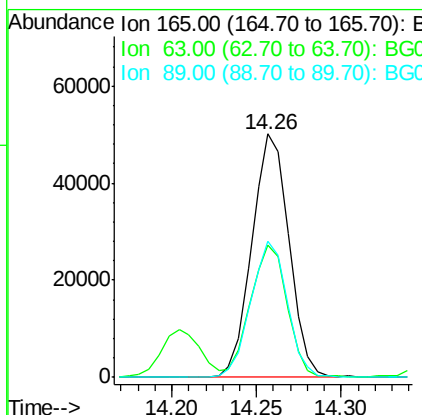
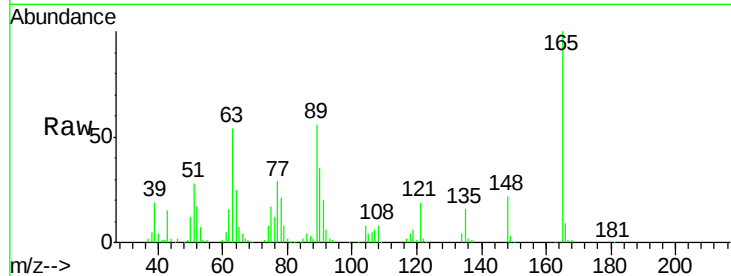




#51
 2,6-Dinitrotoluene
 Concen: 44.346 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

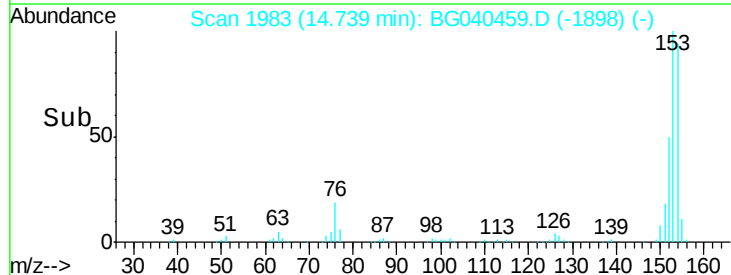
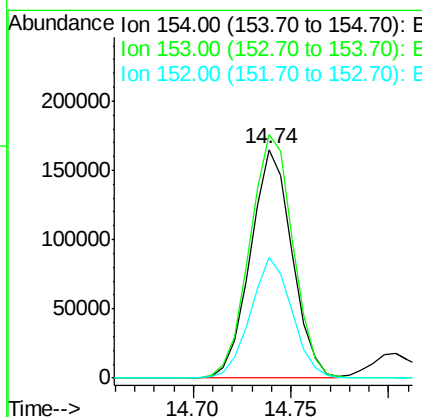
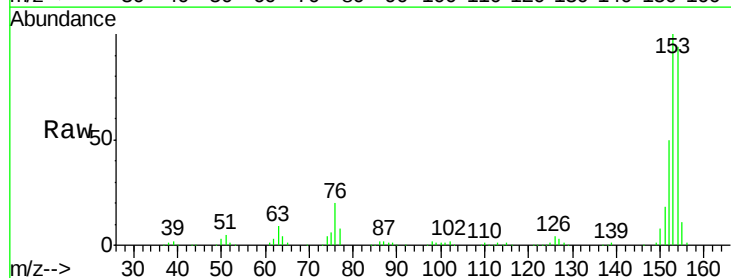
Instrument :
 BNA_G
 ClientSampleId :

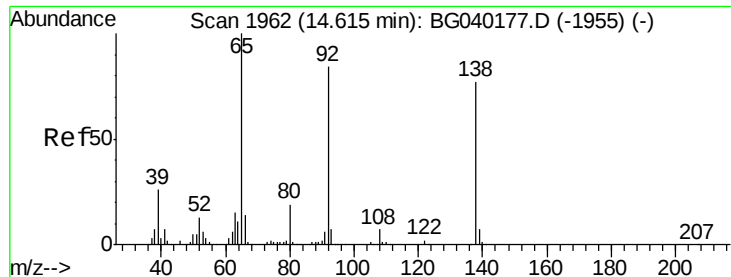
Tot Ion:165 Resp: 76507
 Ion Ratio Lower Upper
 165 100
 63 54.2 44.1 66.1
 89 56.1 44.9 67.3



#52
 Acenaphthene
 Concen: 42.080 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion:154 Resp: 243255
 Ion Ratio Lower Upper
 154 100
 153 106.6 92.8 139.2
 152 52.9 43.4 65.2





#53

3-Nitroaniline

Concen: 31.186 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampled :

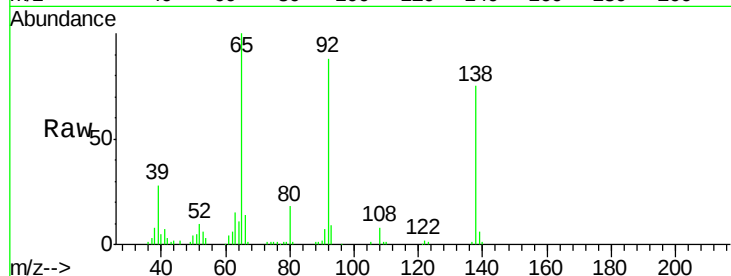
Tot Ion:138 Resp: 56952

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.8

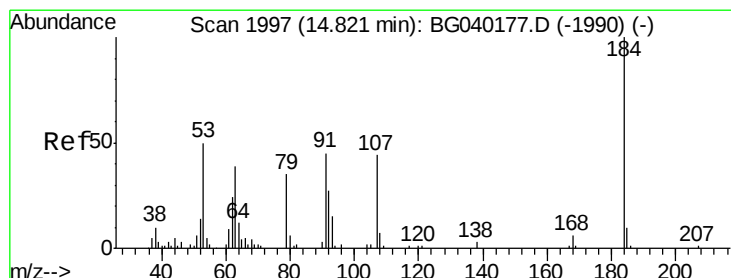
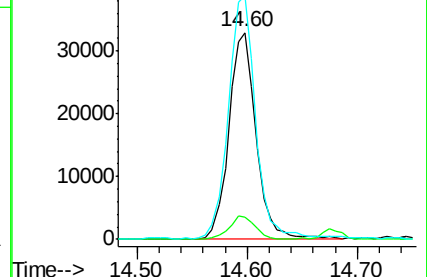
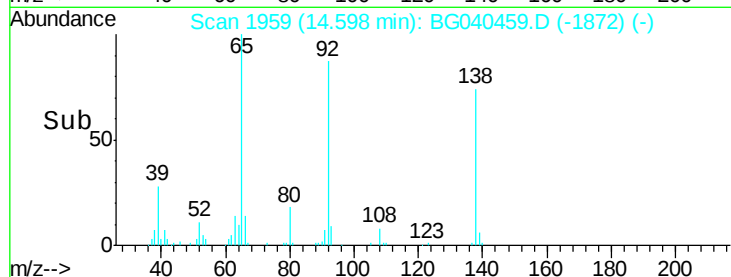
92 117.8 87.5 131.3



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: 64.989 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

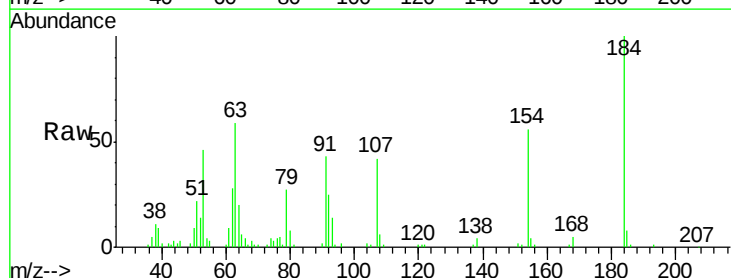
Tgt Ion:184 Resp: 59628

Ion Ratio Lower Upper

184 100

63 58.6 51.8 77.8

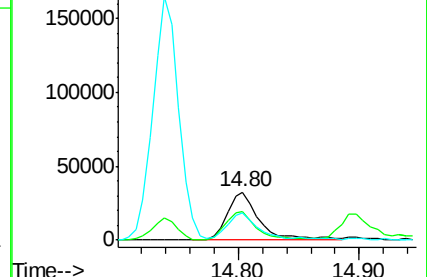
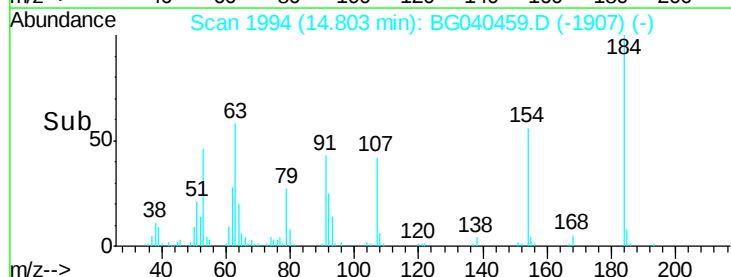
154 55.8 50.9 76.3

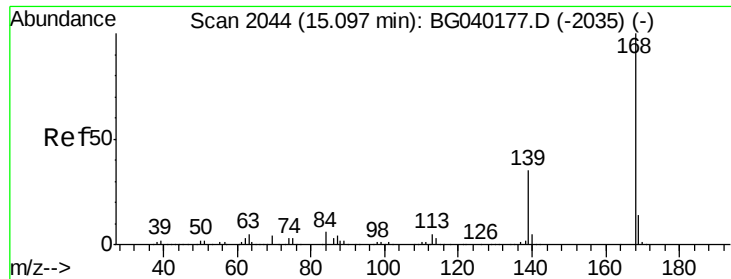


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

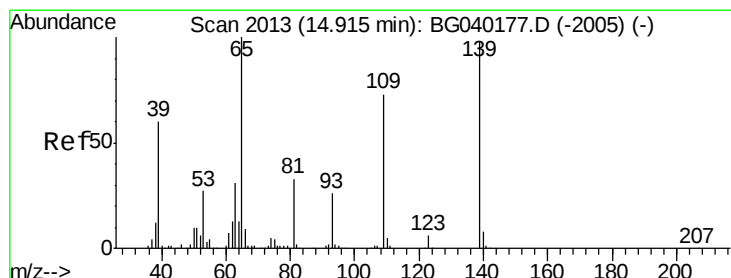
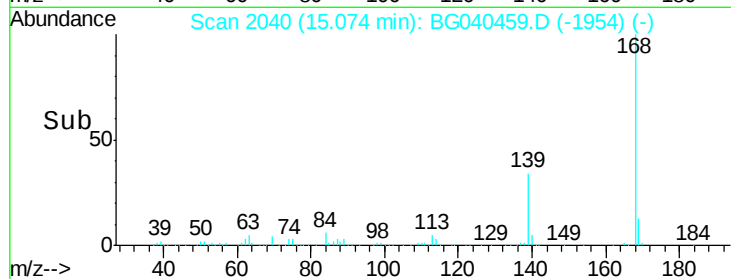
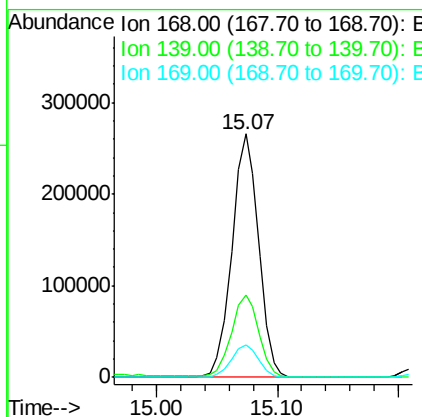
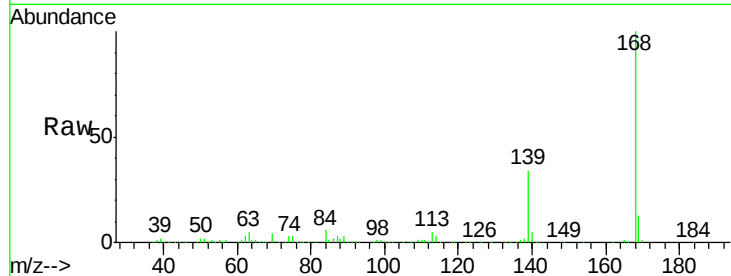




#55
Dibenzenofuran
Concen: 43.762 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

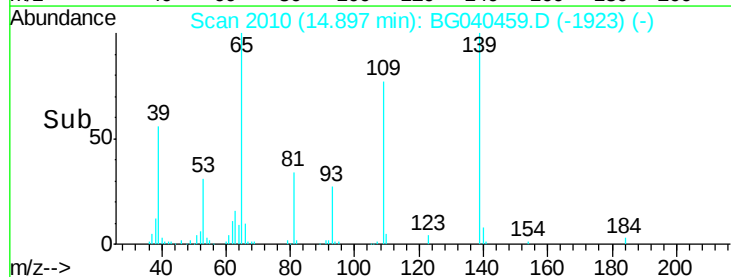
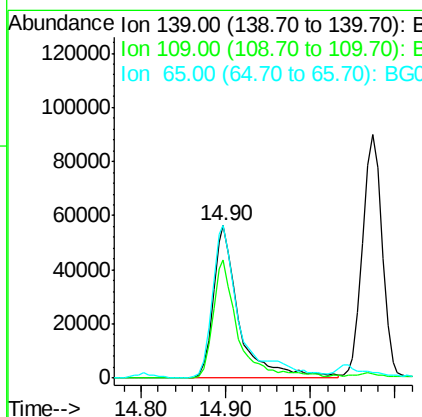
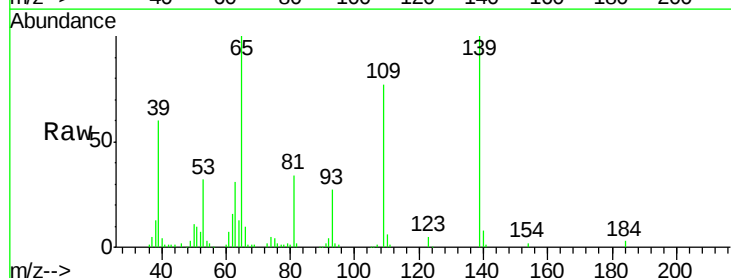
Instrument :
BNA_G
ClientSampleId :

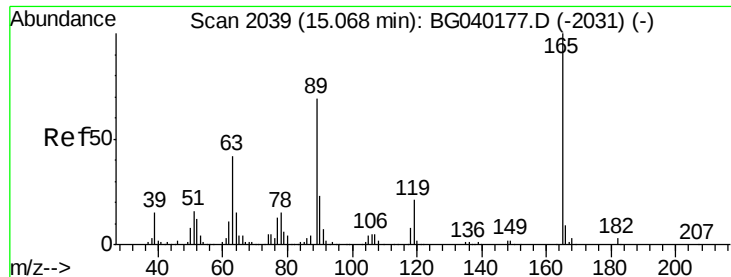
Tot Ion	Ratio	Lower	Upper
168	100		
139	33.8	27.9	41.9
169	13.2	11.3	16.9



#56
4-Nitrophenol
Concen: 81.821 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.5	54.3	94.3
65	100.3	82.5	122.5

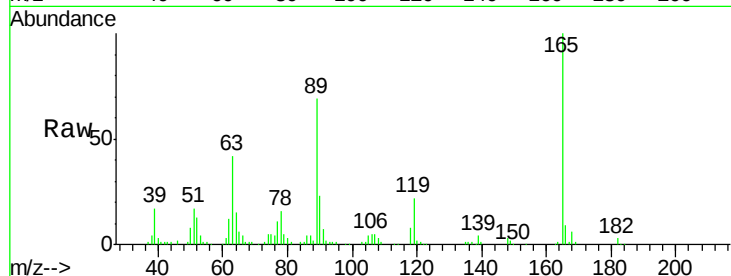




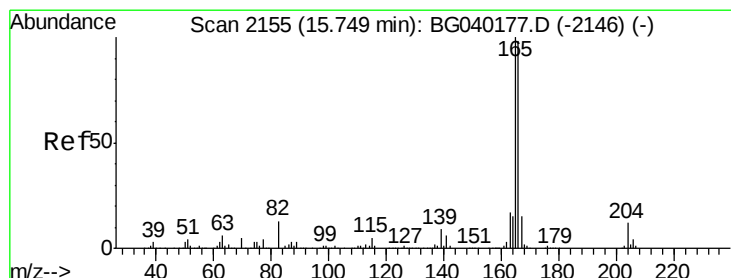
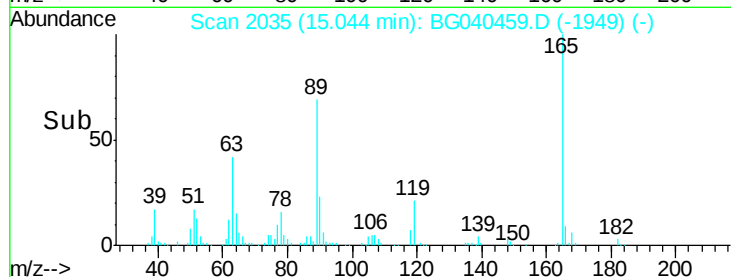
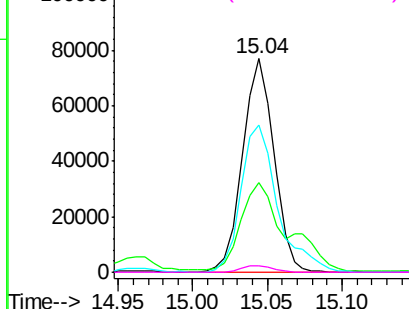
#57
 2,4-Dinitrotoluene
 Concen: 46.742 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	112051
Ion Ratio	Lower	Upper
165	100	
63	41.7	33.8 50.6
89	69.1	55.4 83.2
182	3.1	2.2 3.4

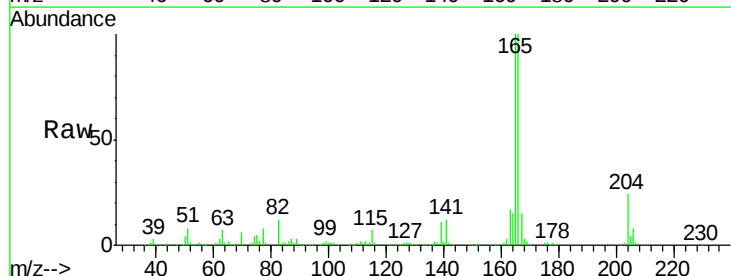


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

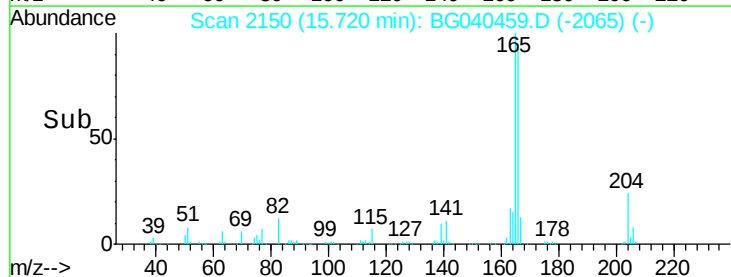
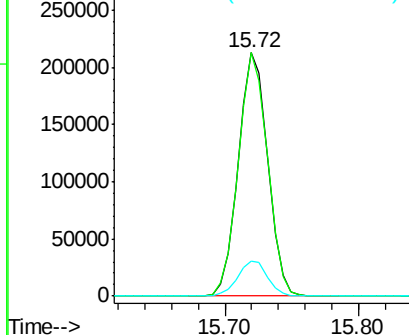


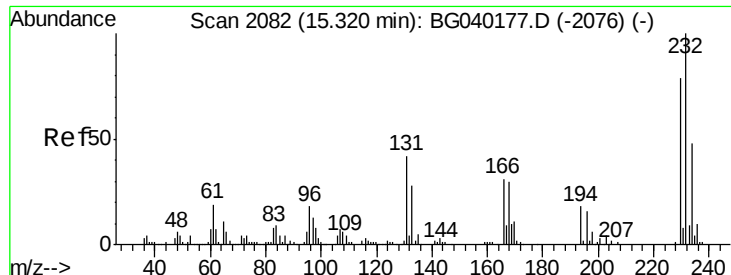
#58
 Fluorene
 Concen: 44.294 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion:166	Resp:	323478
Ion Ratio	Lower	Upper
166	100	
165	100.0	81.7 122.5
167	14.5	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

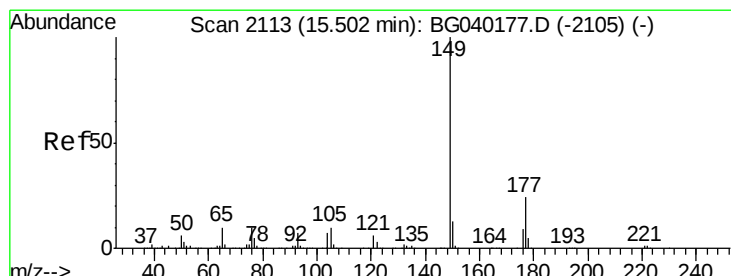
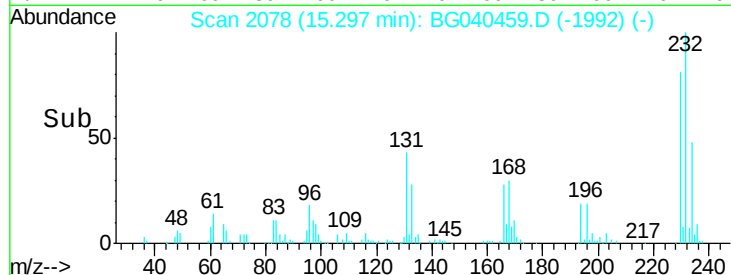
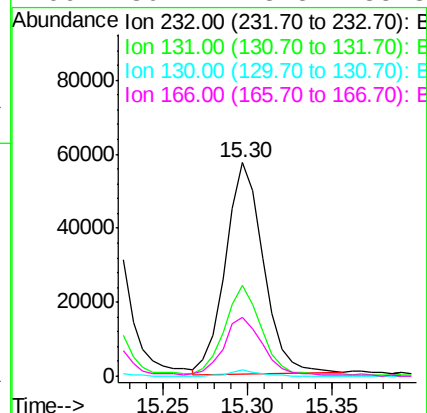
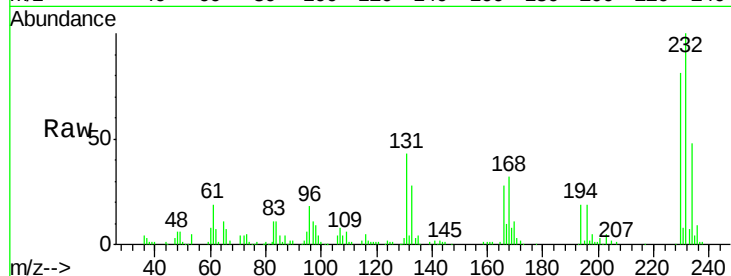




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.656 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

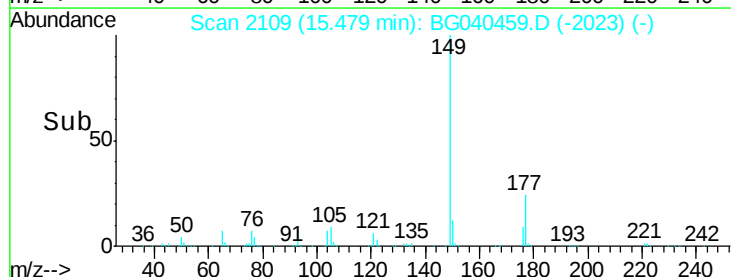
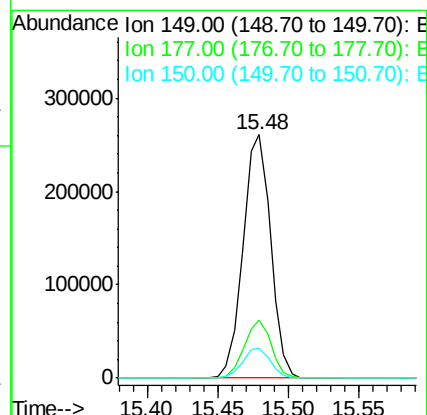
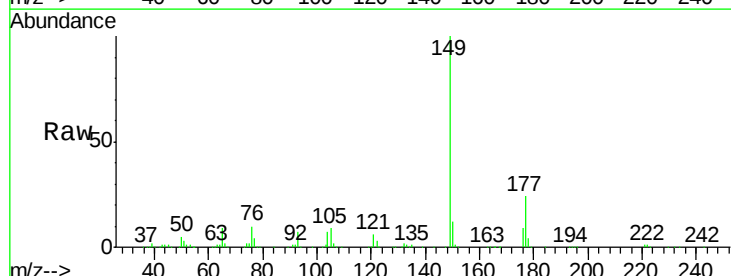
Instrument :
 BNA_G
 ClientSampleId :

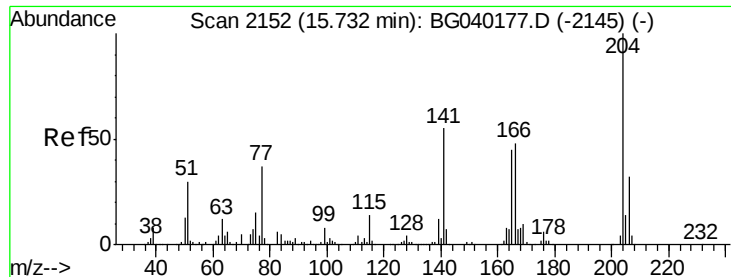
Tot Ion:	232	Resp:	88858
Ion	Ratio	Lower	Upper
232	100		
131	42.8	32.9	49.3
130	2.3	1.8	2.8
166	30.4	23.5	35.3



#60
 Diethylphthalate
 Concen: 45.219 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion:	149	Resp:	355533
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.2	10.6	15.8

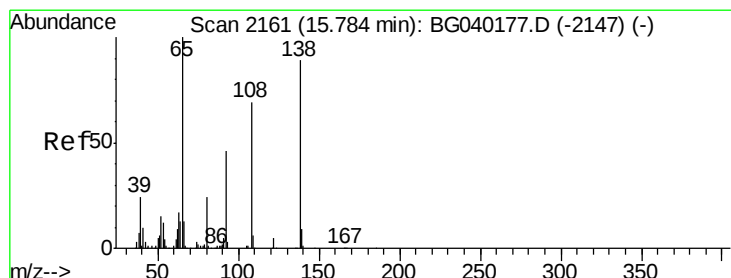
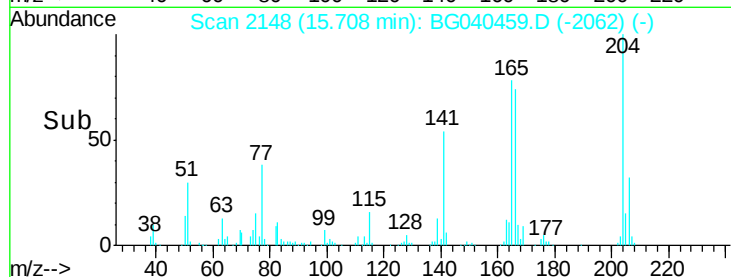
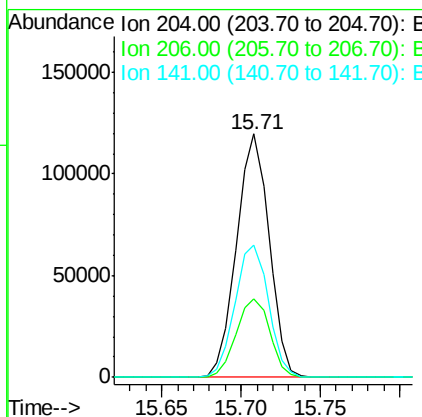
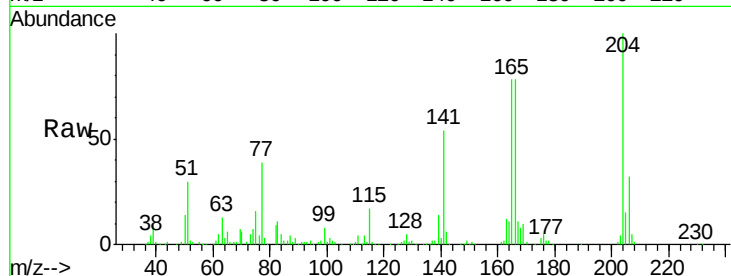




#61
 4-Chlorophenyl-phenylether
 Concen: 43.823 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

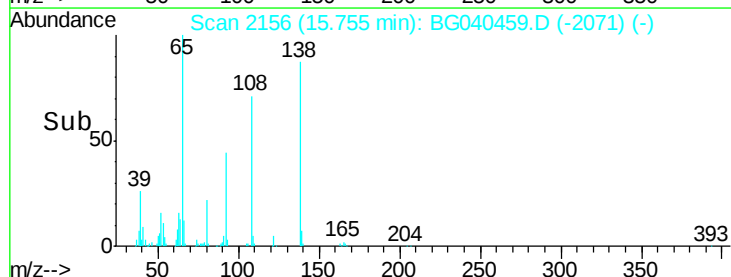
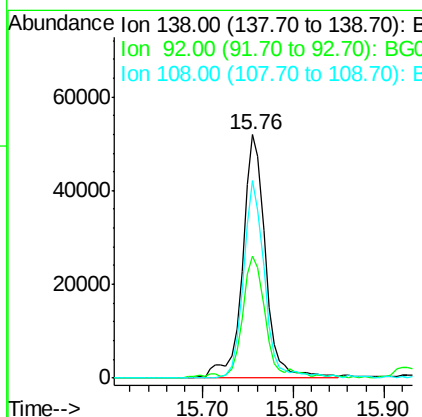
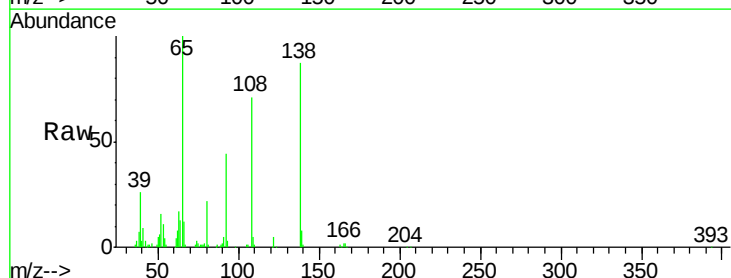
Instrument :
 BNA_G
 ClientSampleId :

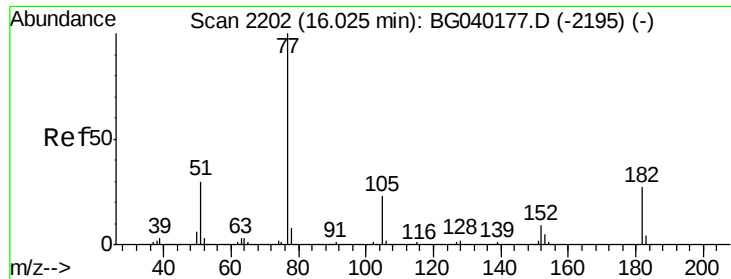
Tot Ion:204 Resp: 171072
 Ion Ratio Lower Upper
 204 100
 206 32.2 25.7 38.5
 141 54.4 44.0 66.0



#62
 4-Nitroaniline
 Concen: 46.366 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion:138 Resp: 90869
 Ion Ratio Lower Upper
 138 100
 92 50.2 31.8 71.8
 108 81.1 57.2 97.2





#63

Azobenzene

Concen: 44.472 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 329816

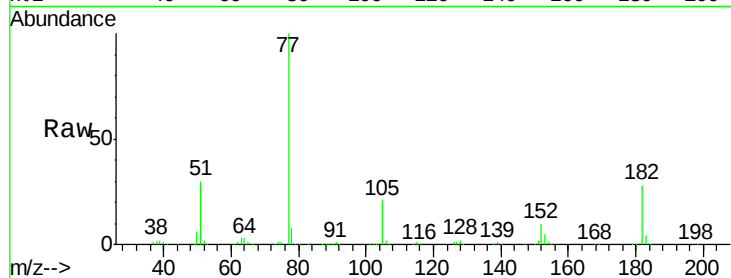
Ion Ratio Lower Upper

77 100

182 28.2 7.2 47.2

105 20.9 2.8 42.8

51 30.2 10.4 50.4

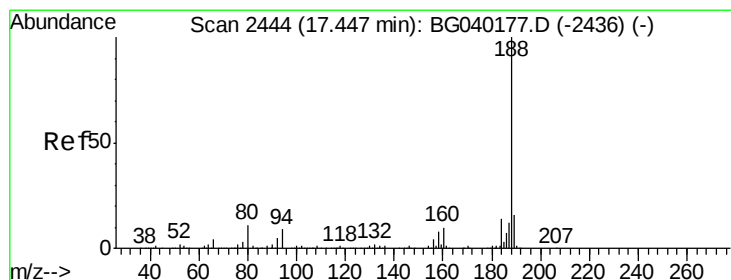
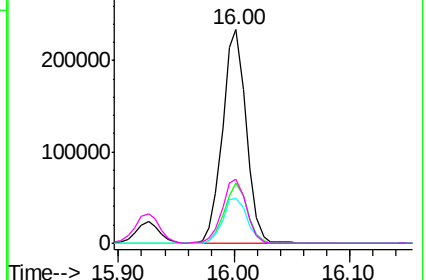
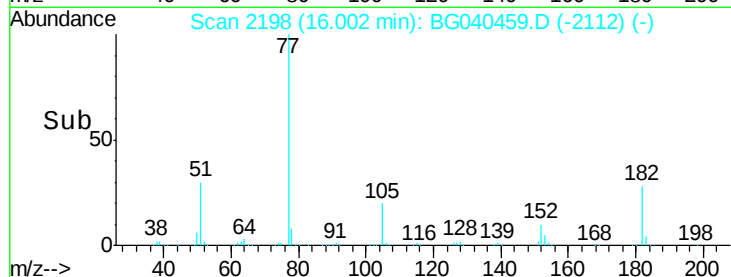


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

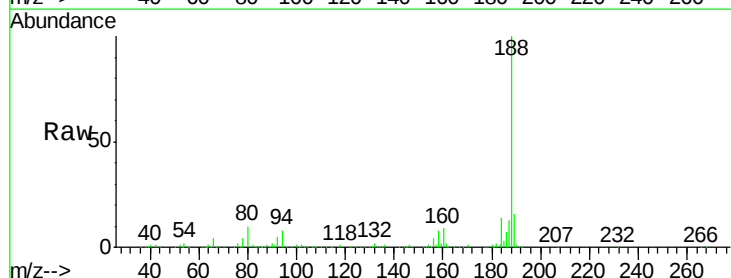
Tgt Ion: 188 Resp: 267609

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

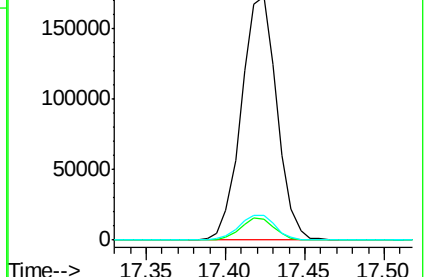
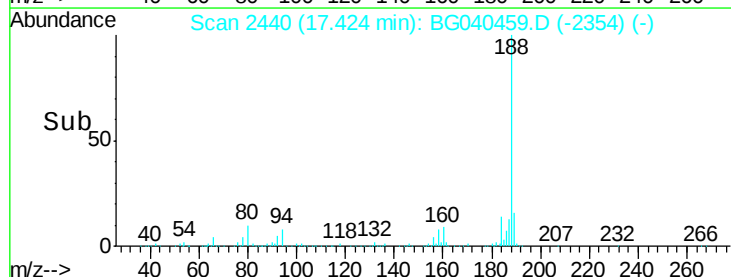
80 10.4 8.6 13.0

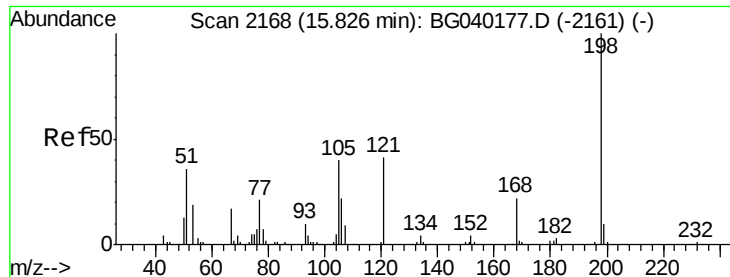


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.664 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

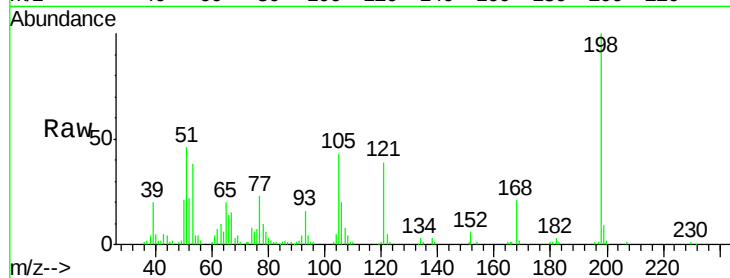
Tot Ion:198 Resp: 55123

Ion	Ratio	Lower	Upper
198	100		
51	45.9	27.3	67.3
105	43.3	21.7	61.7

198 100

51 45.9 27.3 67.3

105 43.3 21.7 61.7

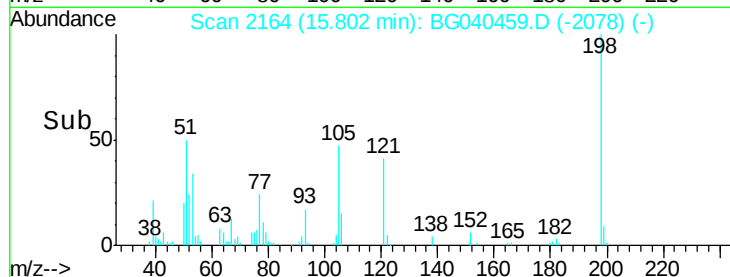


Abundance Ion 198.00 (197.70 to 198.70): E

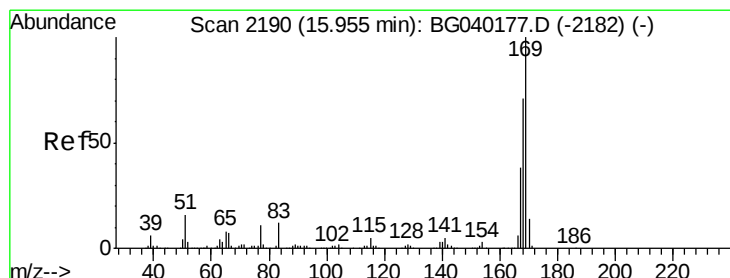
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

Time--> 15.70 15.80 15.90



Time--> 15.70 15.80 15.90



#66

n-Nitrosodiphenylamine

Concen: 39.685 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

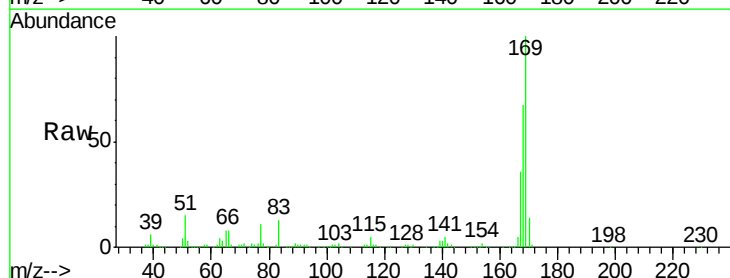
Tgt Ion:169 Resp: 310775

Ion	Ratio	Lower	Upper
169	100		
168	66.7	56.8	85.2
167	36.2	30.2	45.4

169 100

168 66.7 56.8 85.2

167 36.2 30.2 45.4

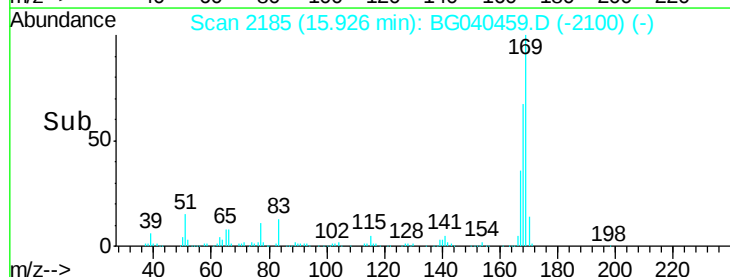


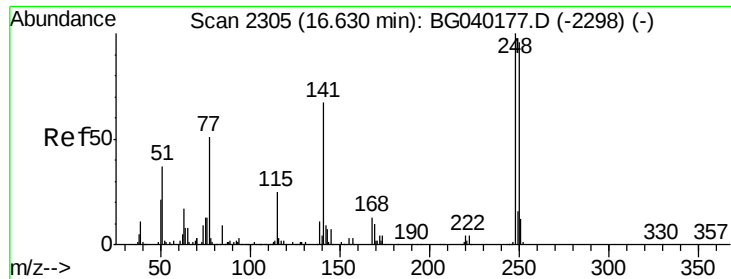
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time--> 15.90 16.00

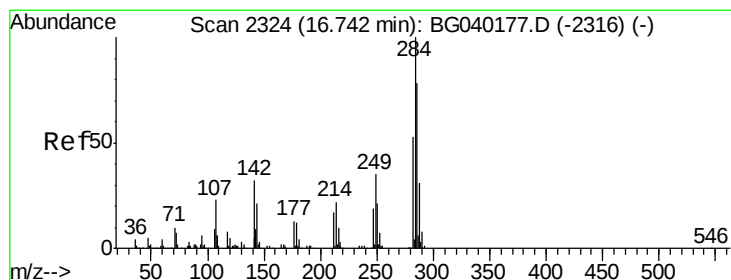
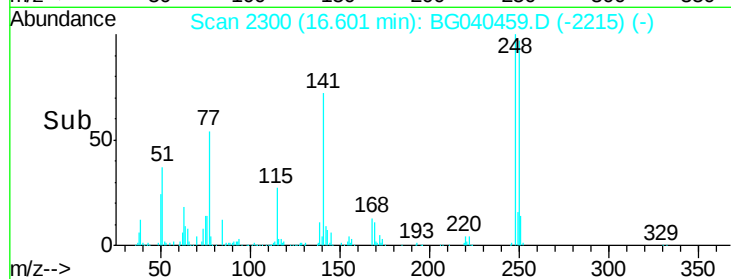
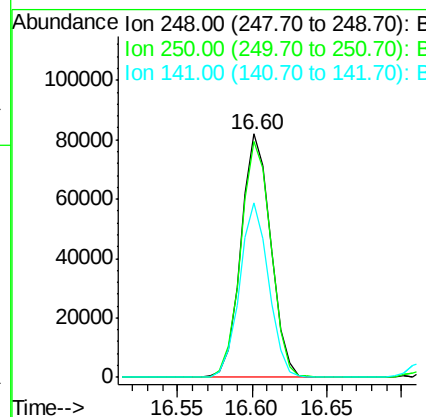
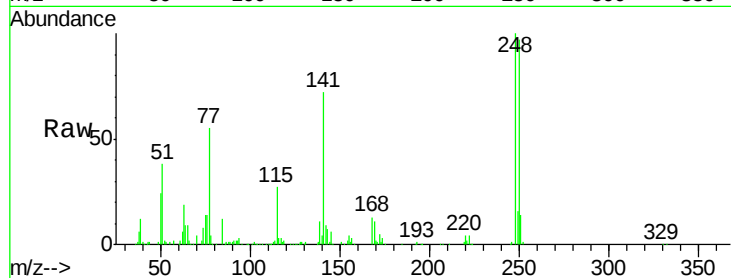




#67
4-Bromophenyl-phenylether
Concen: 37.692 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

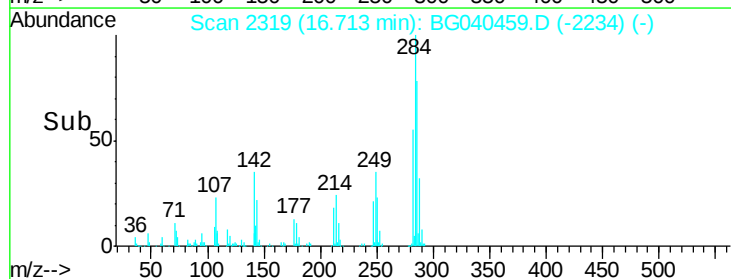
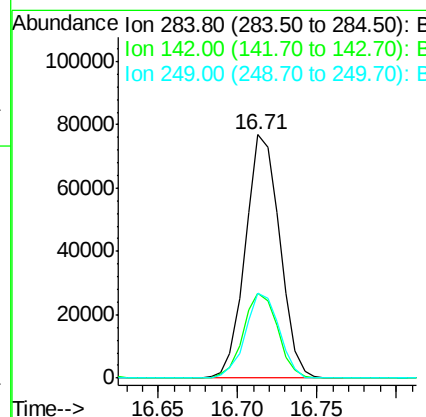
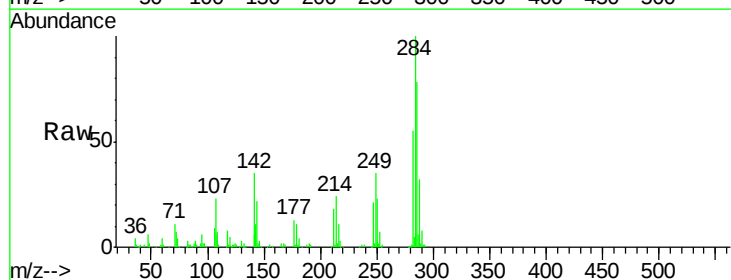
Instrument :
BNA_G
ClientSampleId :

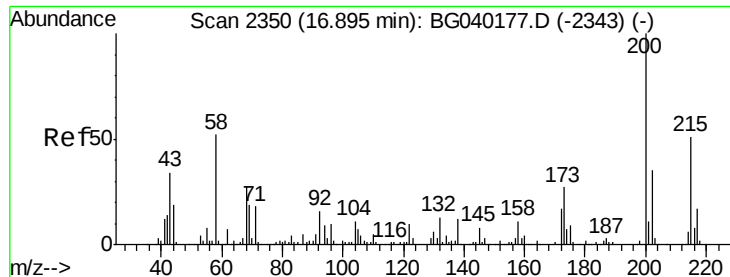
Tot Ion:248 Resp: 113510
Ion Ratio Lower Upper
248 100
250 96.8 76.4 114.6
141 71.7 53.8 80.8



#68
Hexachlorobenzene
Concen: 38.113 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion:284 Resp: 115406
Ion Ratio Lower Upper
284 100
142 34.8 25.3 37.9
249 35.0 28.2 42.2





#69

Atrazine

Concen: 40.897 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

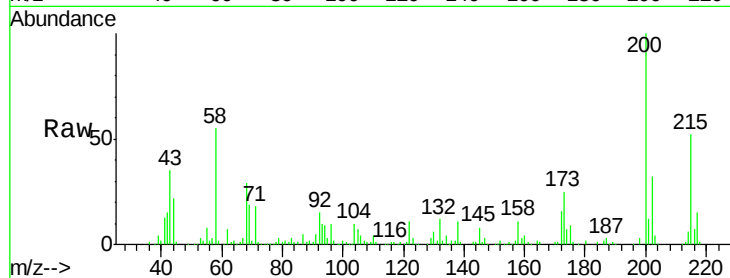
Tot Ion:200 Resp: 119136

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

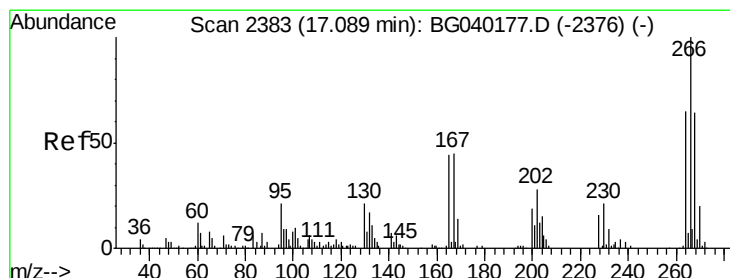
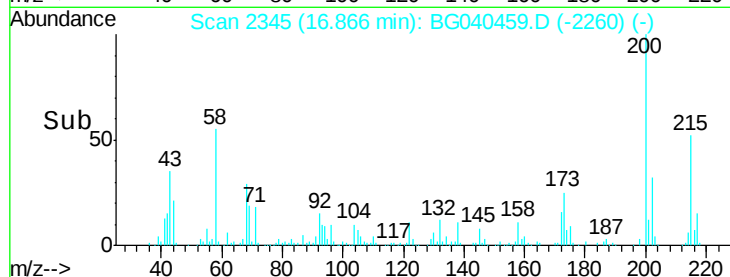
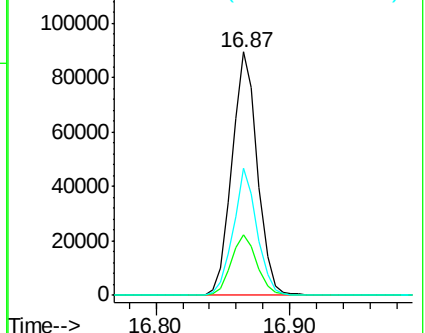
215 52.4 30.9 70.9



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: 64.316 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

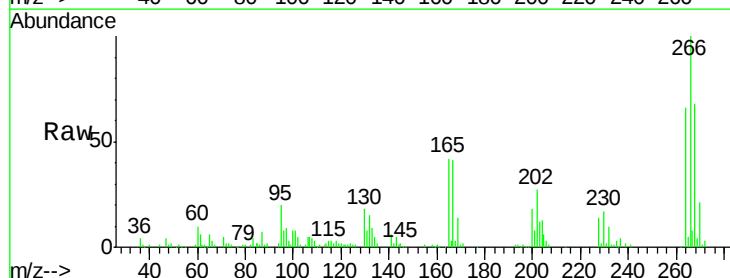
Tgt Ion:266 Resp: 112590

Ion Ratio Lower Upper

266 100

268 67.8 55.0 82.4

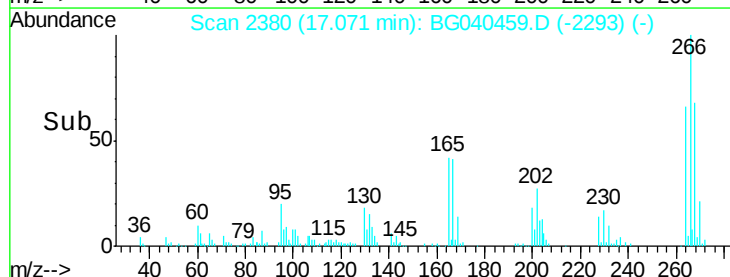
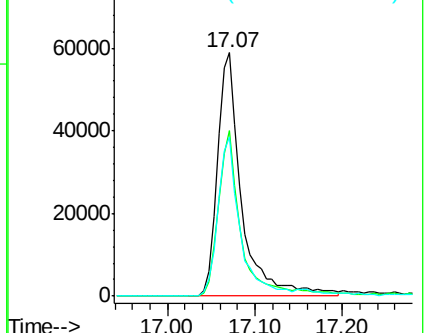
264 65.5 51.8 77.8

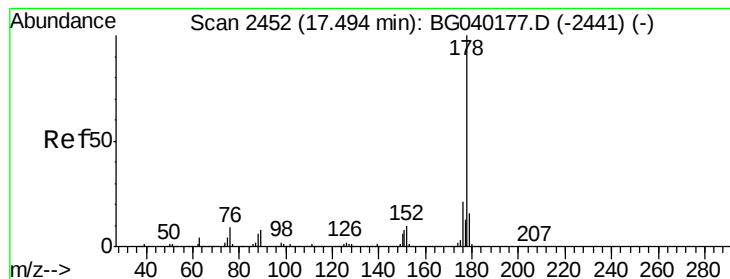


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.632 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

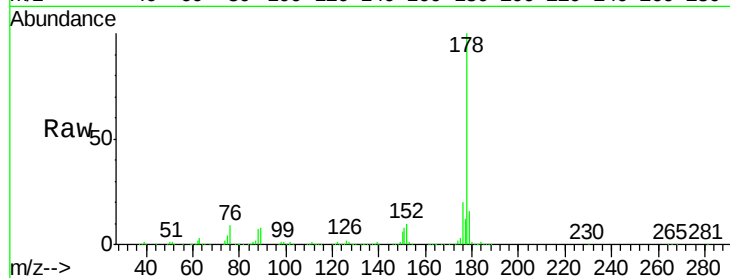
Tot Ion:178 Resp: 585594

Ion Ratio Lower Upper

178 100

176 19.5 16.7 25.1

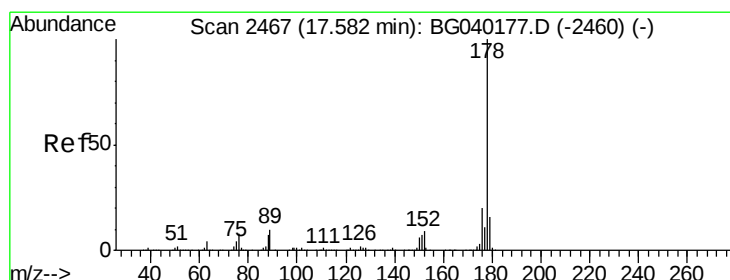
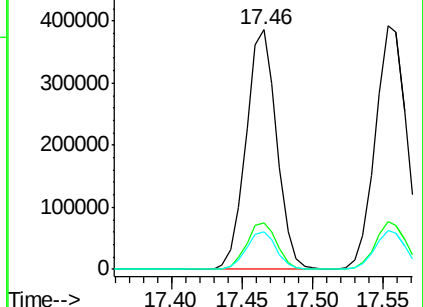
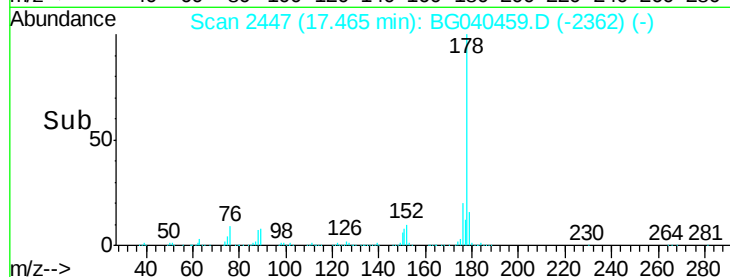
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.790 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

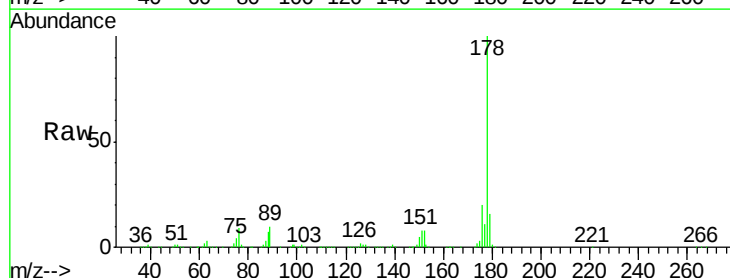
Tgt Ion:178 Resp: 602433

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

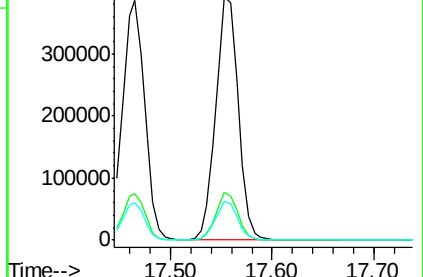
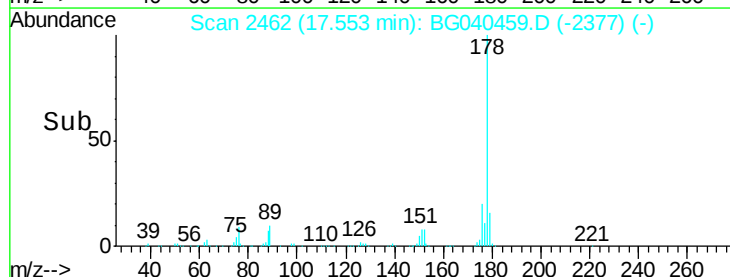
179 15.9 12.9 19.3

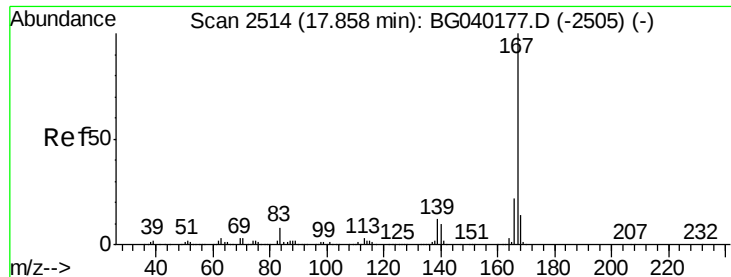


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

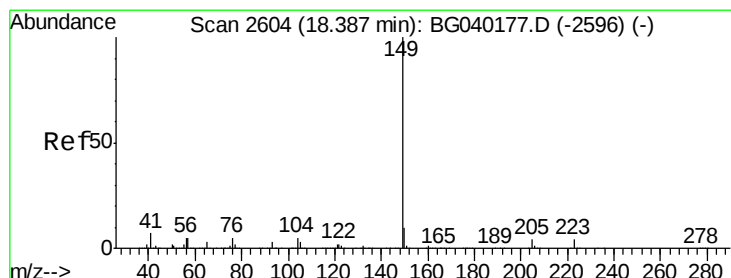
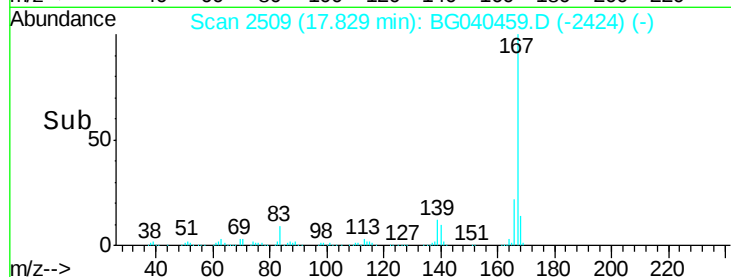
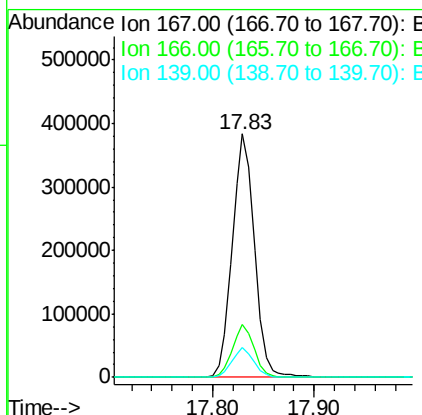
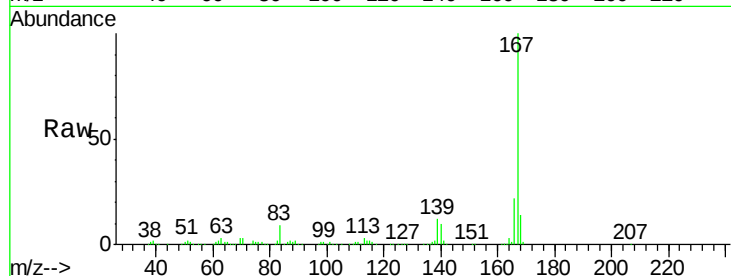




#73
 Carbazole
 Concen: 43.707 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

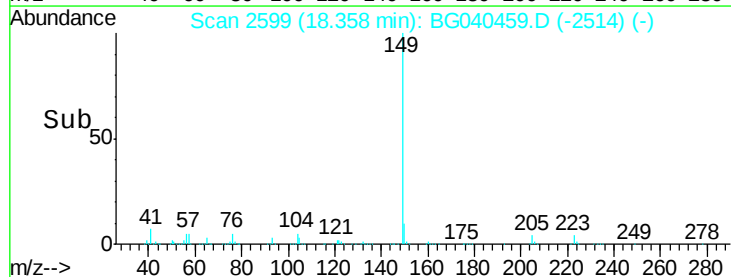
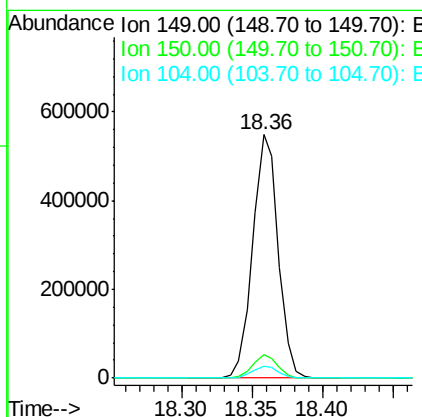
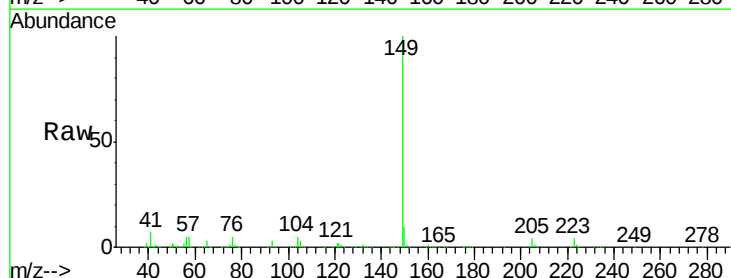
Instrument :
 BNA_G
 ClientSampleId :

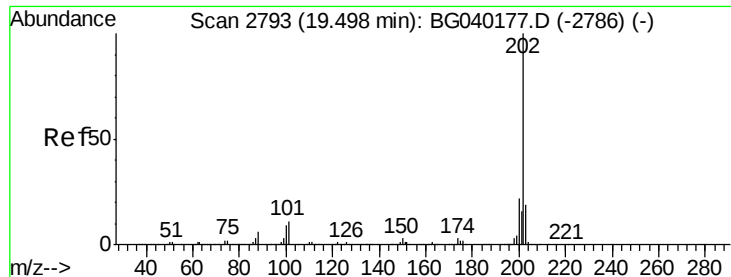
Tot Ion:167 Resp: 582355
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 12.4 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.060 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040459.D
 Acq: 12 Apr 2019 13:27

Tgt Ion:149 Resp: 695869
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 46.119 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

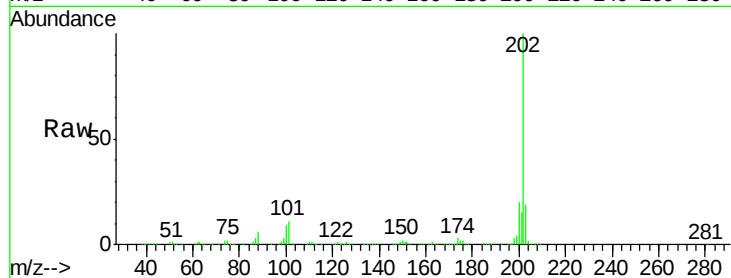
Tot Ion:202 Resp: 768153

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

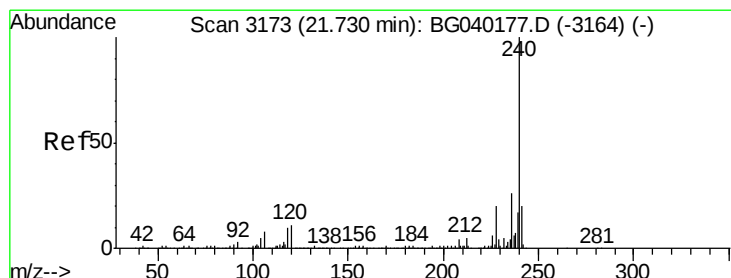
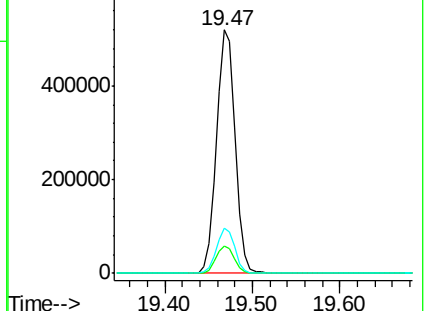
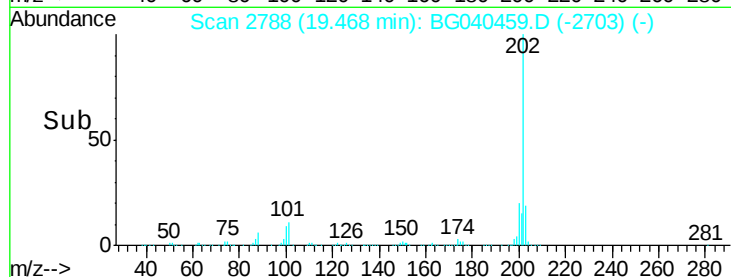
203 18.7 0.0 38.9



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. -0.04 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

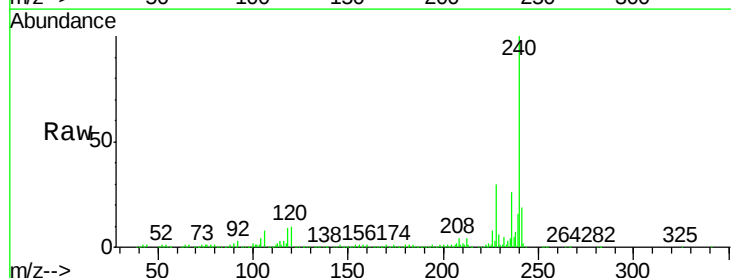
Tgt Ion:240 Resp: 305878

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

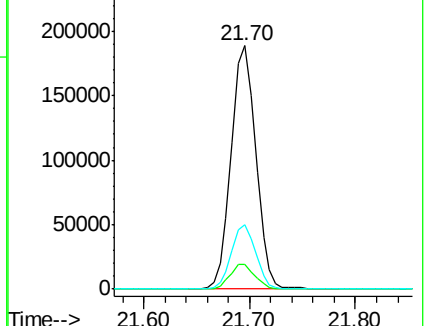
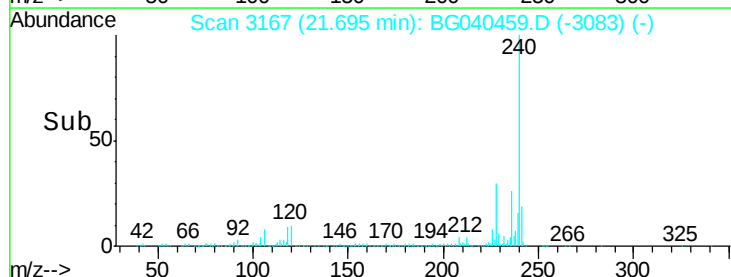
236 26.3 20.8 31.2

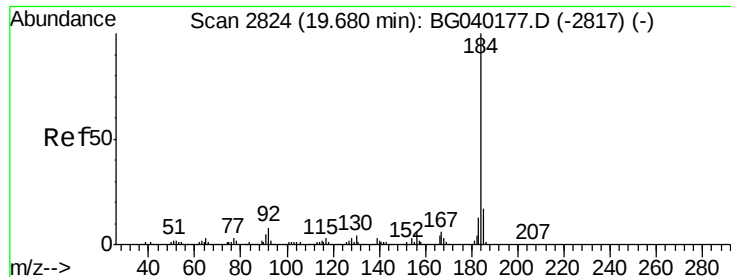


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.981 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

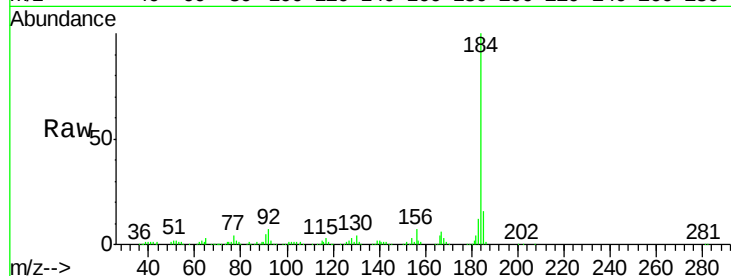
Tot Ion:184 Resp: 264884

Ion Ratio Lower Upper

184 100

185 15.6 13.3 19.9

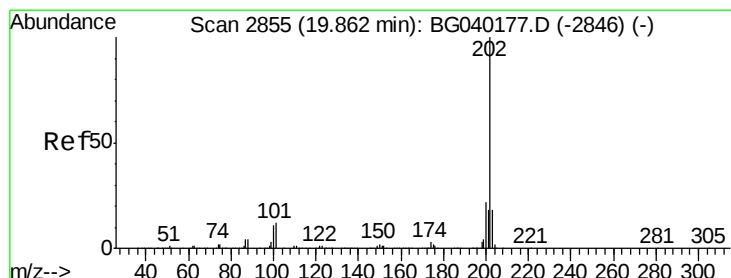
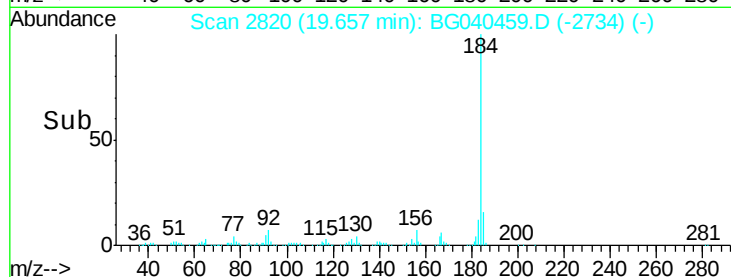
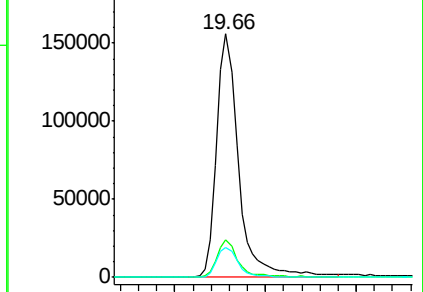
183 12.0 10.3 15.5



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: 38.802 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

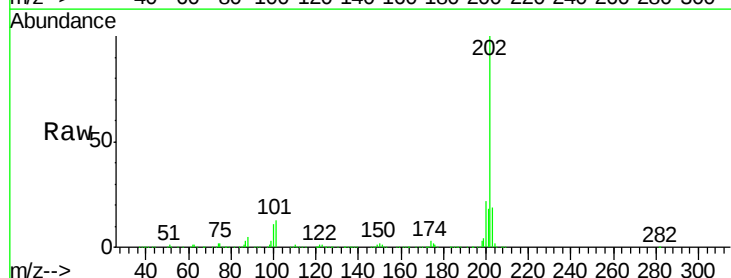
Tgt Ion:202 Resp: 780503

Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

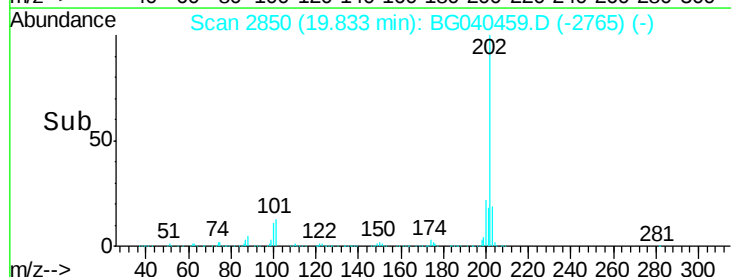
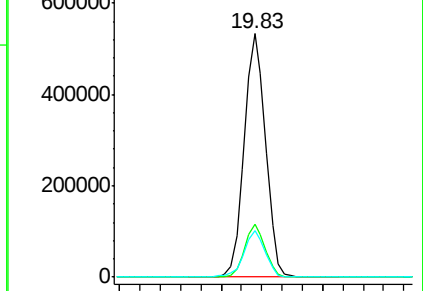
203 18.9 14.6 22.0

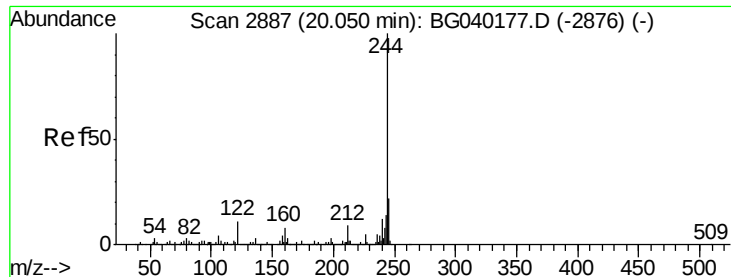


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.824 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampled :

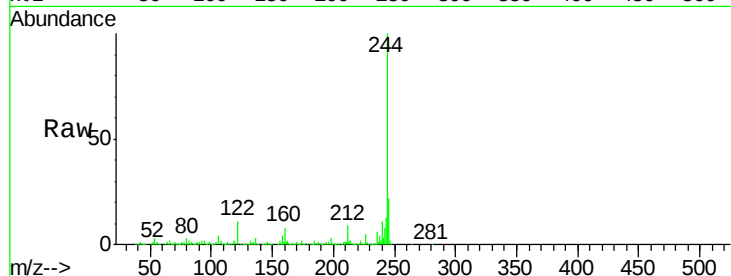
Tot Ion:244 Resp: 1139727

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

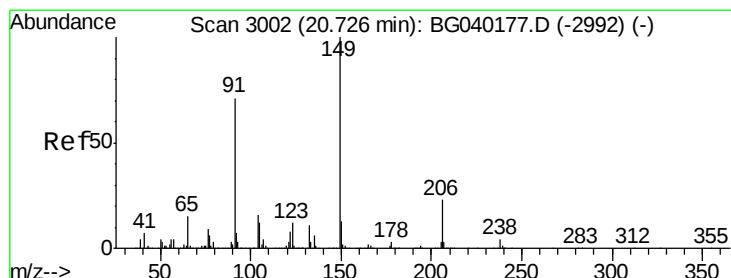
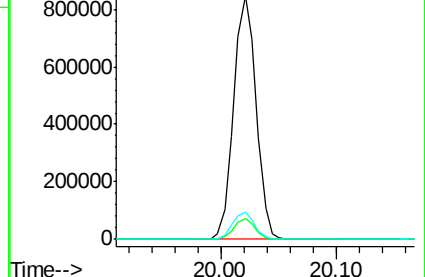
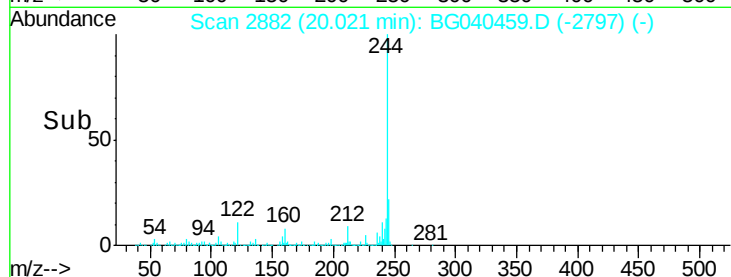
122 11.2 8.5 12.7



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: 40.708 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

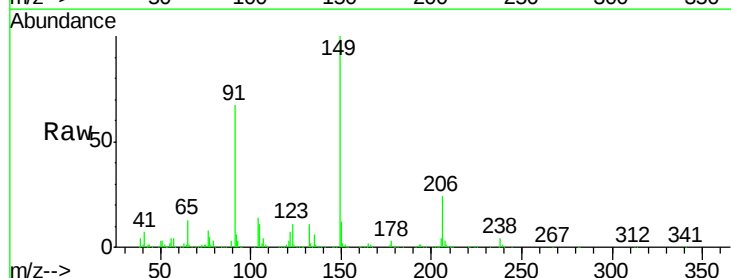
Tgt Ion:149 Resp: 350392

Ion Ratio Lower Upper

149 100

91 66.7 57.0 85.4

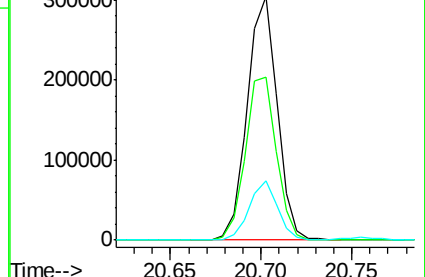
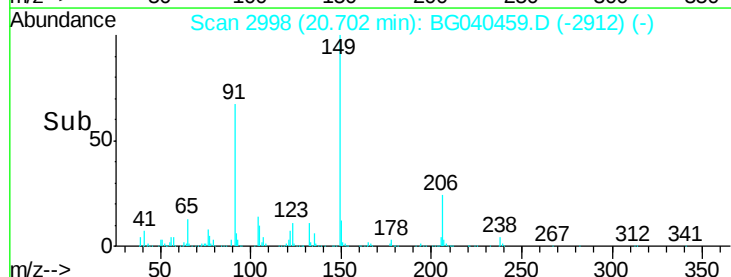
206 24.3 18.2 27.4

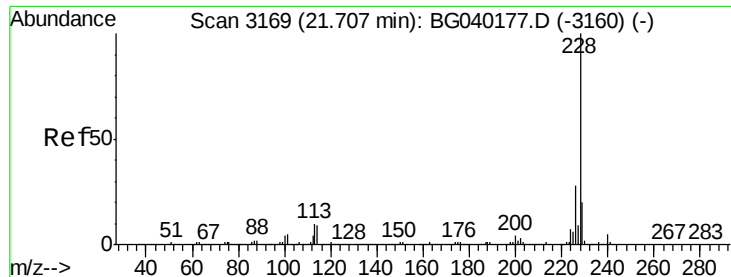


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.503 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG040459.D

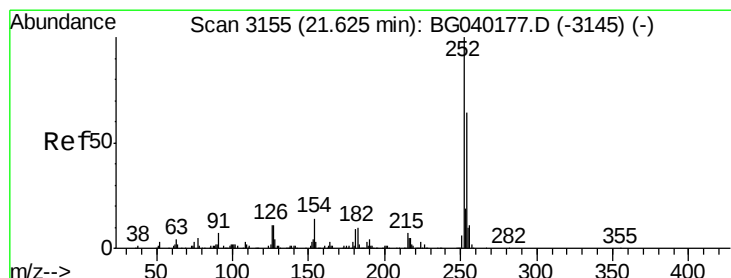
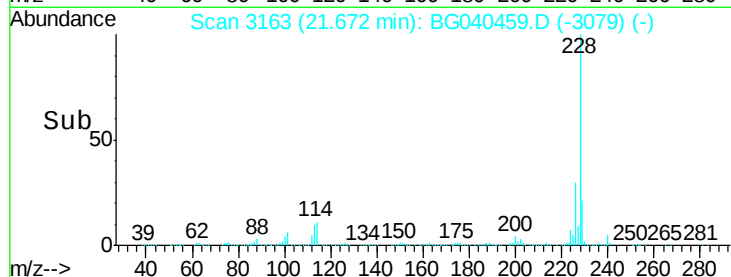
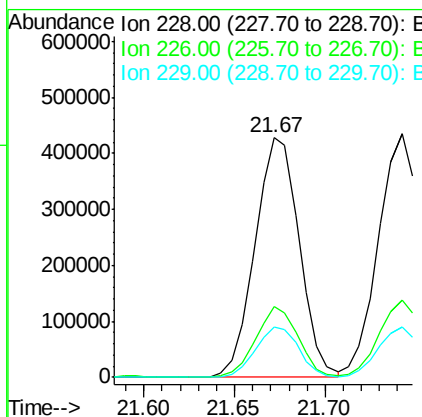
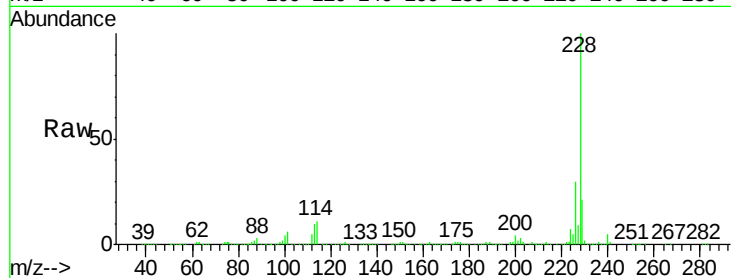
Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampled :

Tot Ion:	228	Resp:	725422
Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	34.0
229	21.2	16.1	24.1



#82

3,3'-Dichlorobenzidine

Concen: 26.117 ng

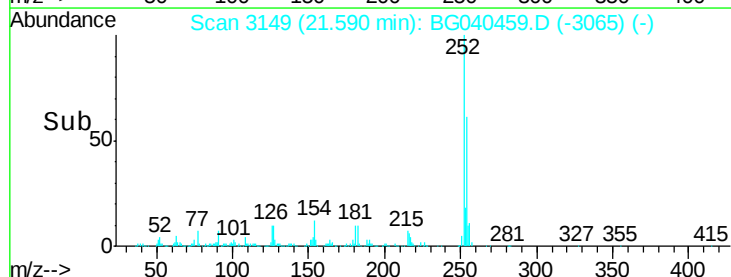
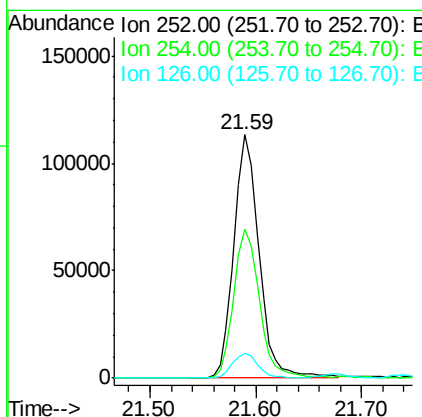
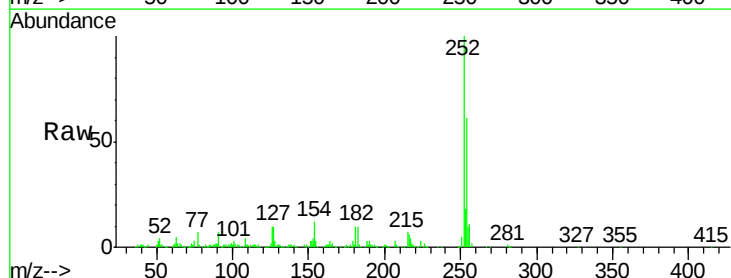
RT: 21.59 min Scan# 3149

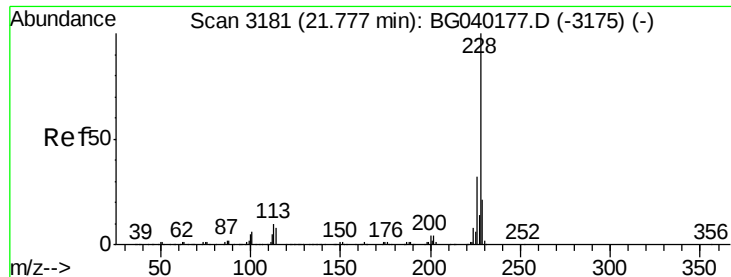
Delta R.T. -0.04 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Tgt Ion:	252	Resp:	187181
Ion	Ratio	Lower	Upper
252	100		
254	61.2	51.4	77.2
126	10.1	8.5	12.7





#83

Chrysene

Concen: 39.957 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

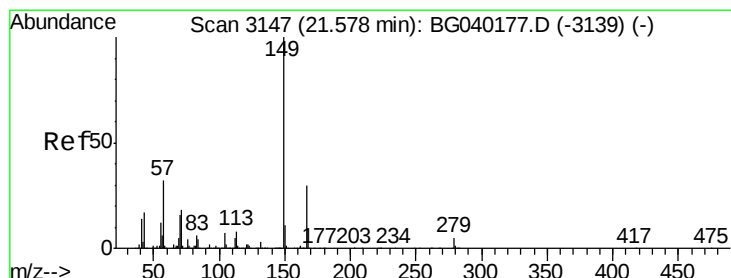
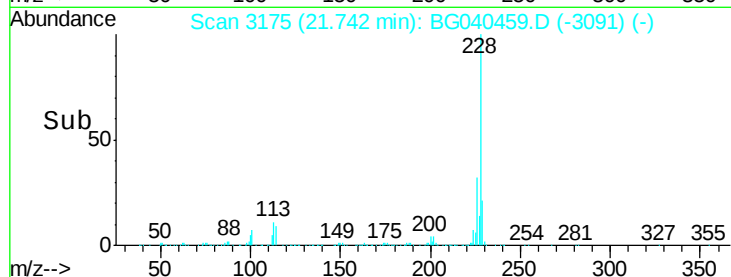
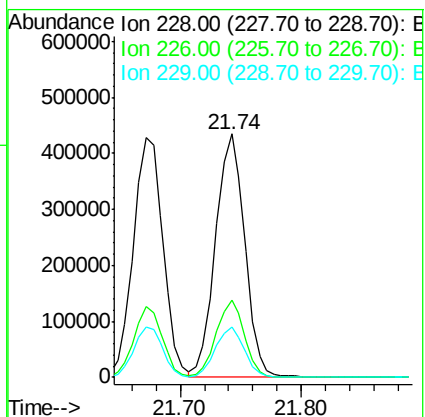
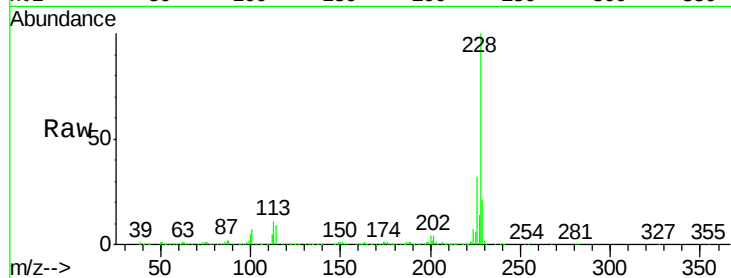
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 723490

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.7	17.0	25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.303 ng

RT: 21.54 min Scan# 3141

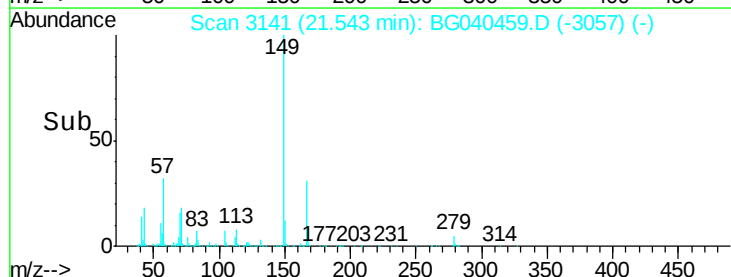
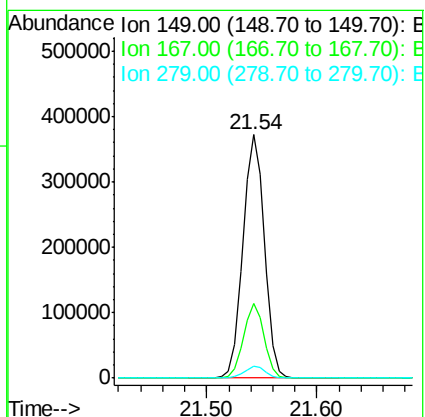
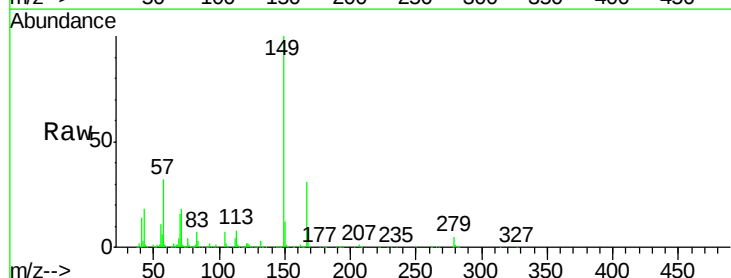
Delta R.T. -0.04 min

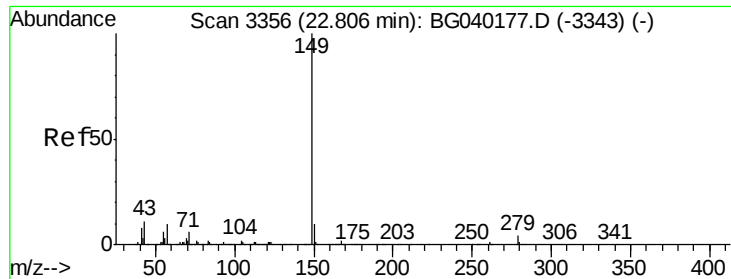
Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Tgt Ion:149 Resp: 508190

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.1	36.1
279	5.0	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 41.826 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

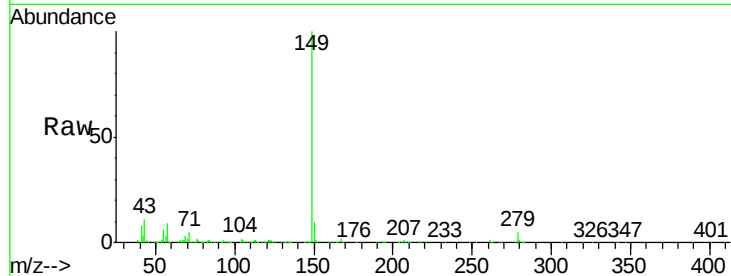
Tot Ion:149 Resp: 876799

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

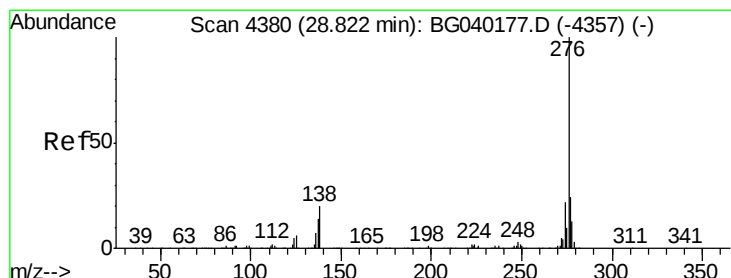
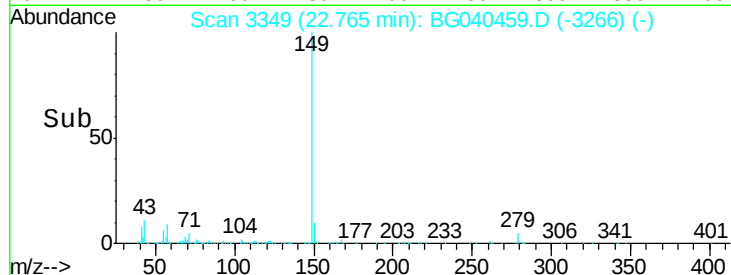
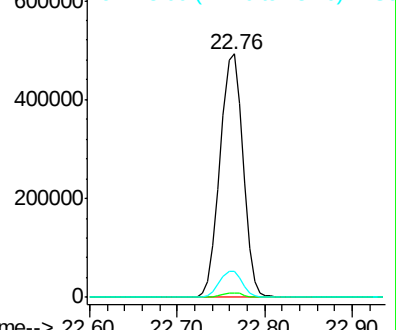
43 10.5 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.818 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.09 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

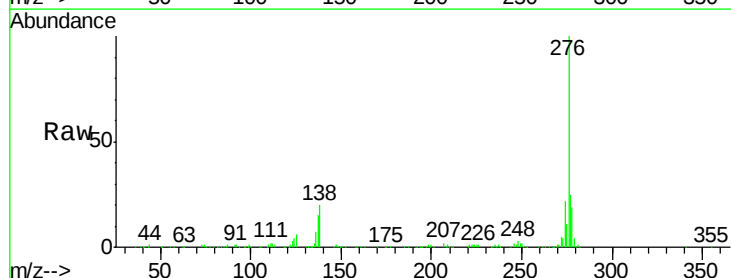
Tgt Ion:276 Resp: 881811

Ion Ratio Lower Upper

276 100

138 12.7 18.8 28.2#

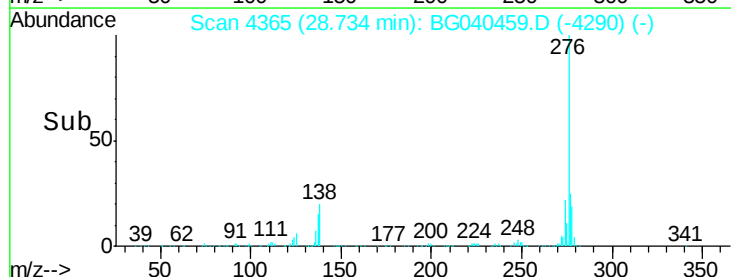
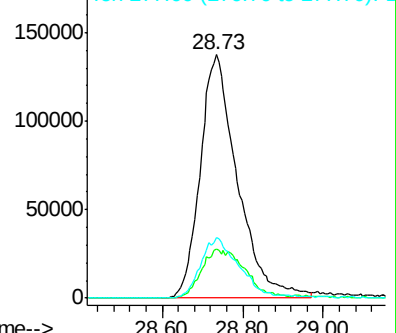
277 25.3 21.0 31.4

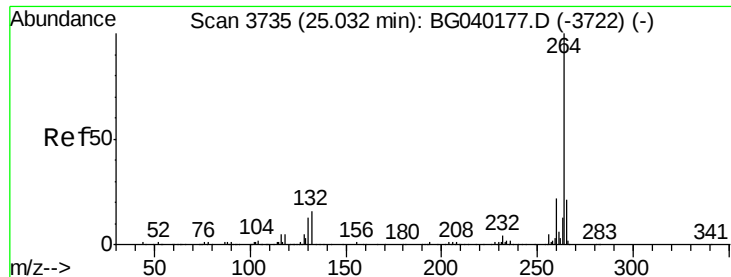


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

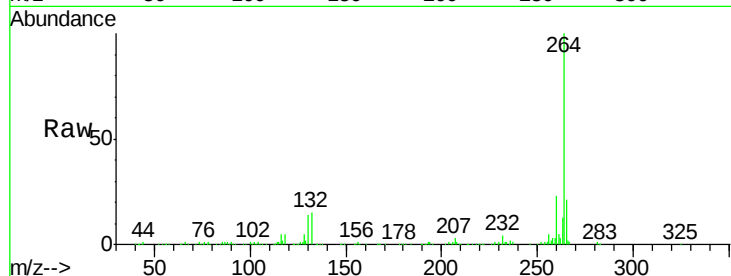




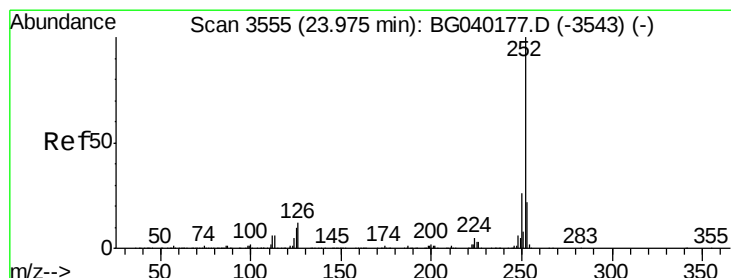
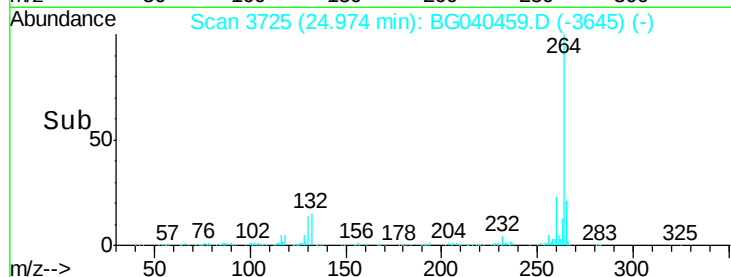
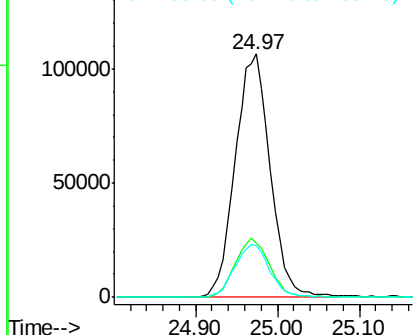
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 315993
Ion Ratio Lower Upper
264 100
260 22.5 17.9 26.9
265 21.1 16.8 25.2

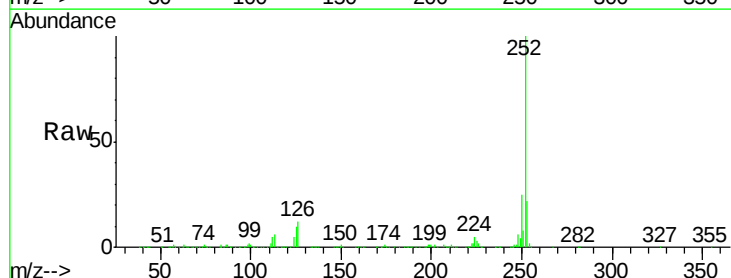


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

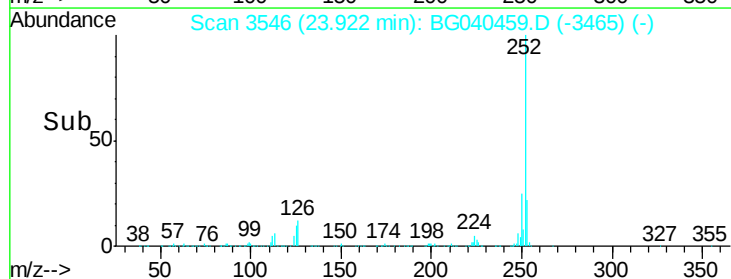
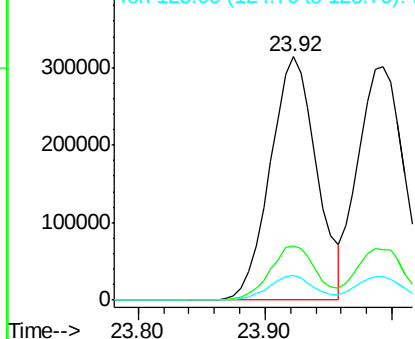


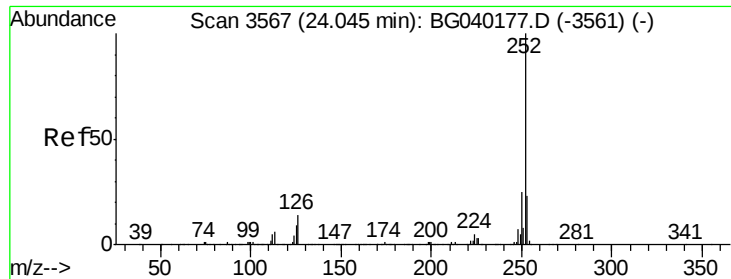
#88
Benzo(b)fluoranthene
Concen: 41.323 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040459.D
Acq: 12 Apr 2019 13:27

Tgt Ion:252 Resp: 799446
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.2 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: 43.004 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.05 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :

BNA_G

ClientSampleId :

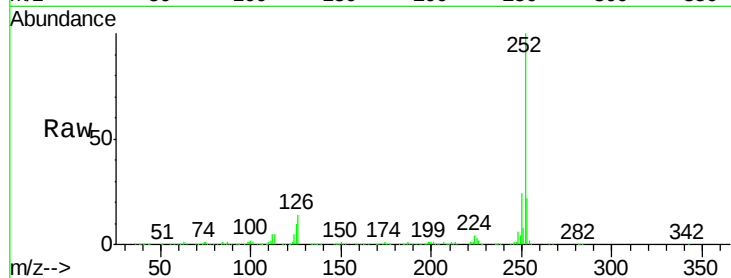
Tot Ion:252 Resp: 765085

Ion Ratio Lower Upper

252 100

253 21.7 18.6 28.0

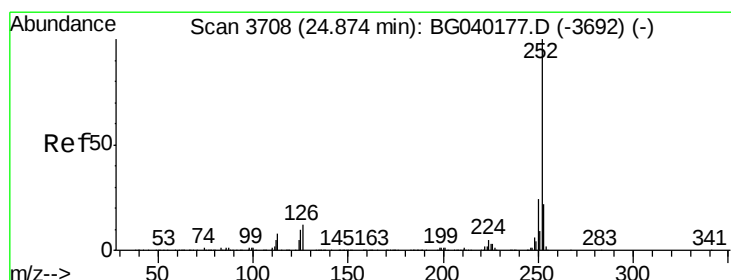
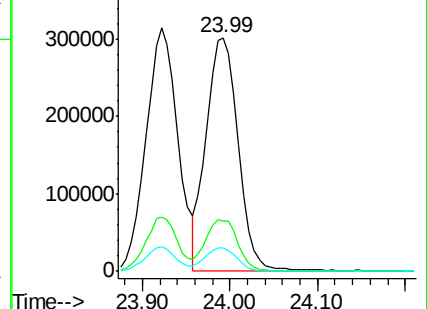
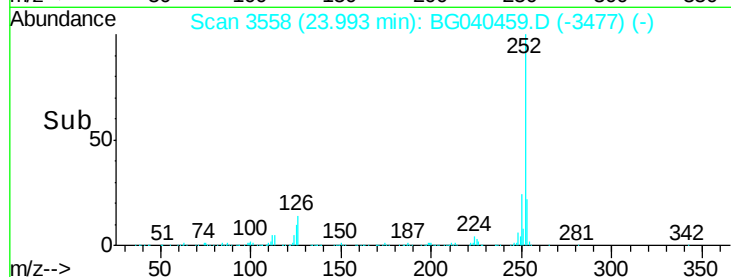
125 10.3 7.3 10.9



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: 42.839 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

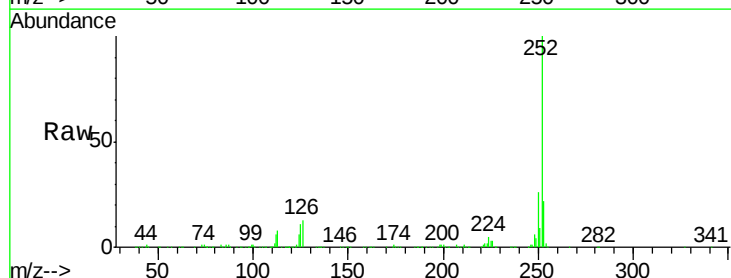
Tgt Ion:252 Resp: 777600

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

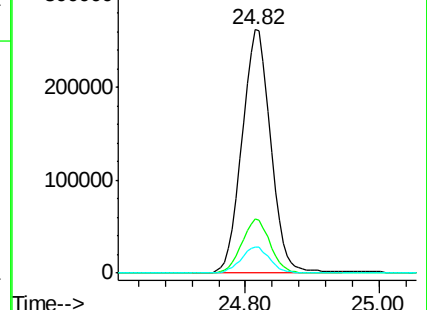
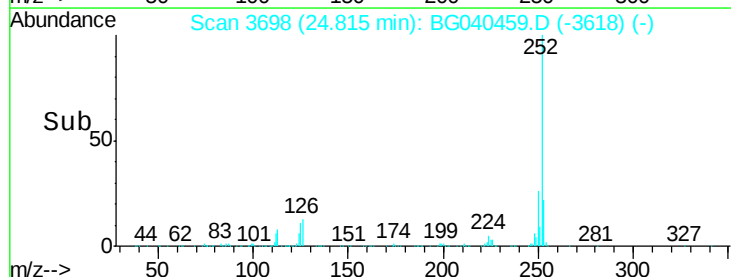
125 10.7 8.3 12.5

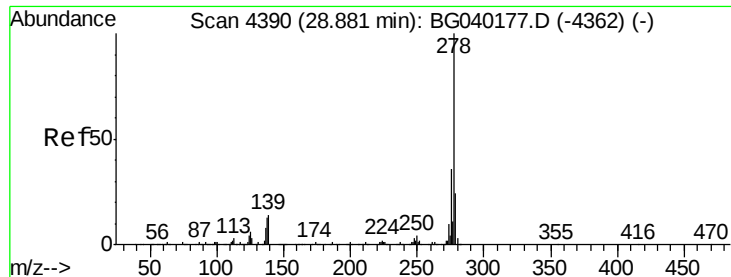


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.604 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.09 min

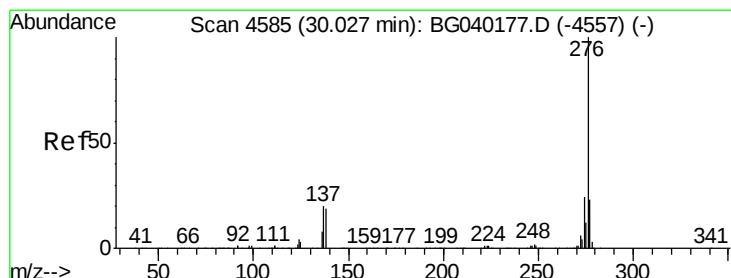
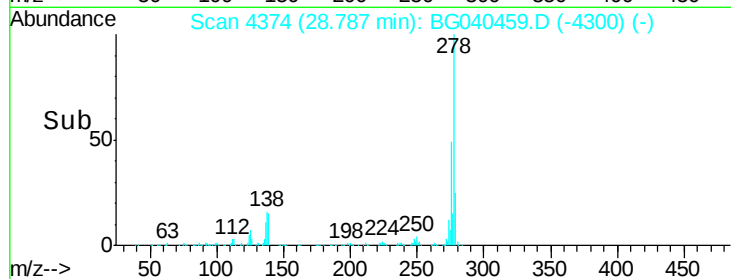
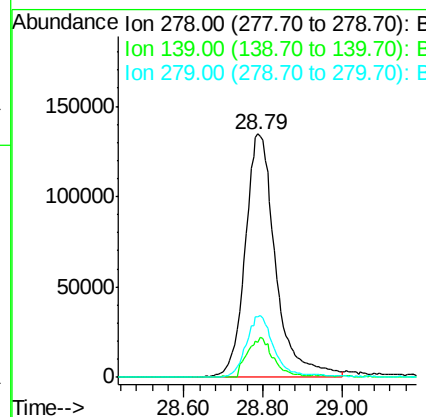
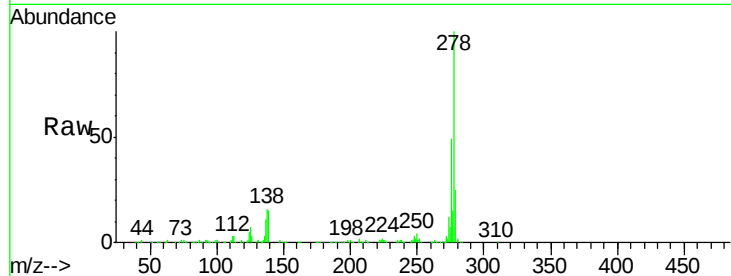
Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 718251

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.2	16.8
279	25.0	18.9	28.3



#92

Benzo(g,h,i)perylene

Concen: 41.540 ng

RT: 29.91 min Scan# 4565

Delta R.T. -0.12 min

Lab File: BG040459.D

Acq: 12 Apr 2019 13:27

Tgt Ion:276 Resp: 719704

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	20.5	15.2	22.8

