

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039748.D
 Acq On : 5 Mar 2019 2:01
 Operator : JU/SJ
 Sample : K1714-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-C-2-5

Quant Time: Mar 05 06:29:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41298	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	179997	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	127939	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	328740	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	335952	20.00	ng	-0.02
87) Perylene-d12	25.19	264	339890	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	358032	147.90	ng	-0.01
7) Phenol-d6	7.30	99	541464	150.01	ng	-0.01
23) Nitrobenzene-d5	9.33	82	314715	94.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	222481	149.19	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	826969	92.03	ng	-0.01
79) Terphenyl-d14	20.12	244	1291048	84.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	91	0.081	ng	# 5
4) n-Nitrosodimethylamine	3.84	42	128	0.090	ng	# 1
6) Aniline	7.33	93	158	0.033	ng	# 1
8) 2-Chlorophenol	7.69	128	173	0.059	ng	# 1
9) Benzaldehyde	7.31	77	1001	0.430	ng	# 4
10) Phenol	7.33	94	8398	2.148	ng	# 68
11) bis(2-Chloroethyl)ether	7.68	93	591	0.194	ng	# 1
15) Benzyl Alcohol	8.48	79	5087	1.777	ng	# 50
17) 2-Methylphenol	8.40	107	53	0.021	ng	# 10
19) n-Nitroso-di-n-propylamine	9.33	70	41469	15.962	ng	# 65
20) 3+4-Methylphenols	8.79	107	81	0.023	ng	# 21
22) Acetophenone	9.48	105	66	0.014	ng	# 44
24) Nitrobenzene	9.34	77	1004	0.288	ng	# 36
36) 4-Chloro-3-methylphenol	12.05	107	55	0.016	ng	# 21
41) Hexachlorocyclopentadiene	13.39	237	68	0.029	ng	# 27
46) 1,1'-Biphenyl	13.62	154	1385	0.132	ng	# 71
48) 2-Nitroaniline	13.75	65	53	0.021	ng	# 10
49) Acenaphthylene	14.90	152	60	0.005	ng	# 59
50) Dimethylphthalate	14.22	163	73167	6.839	ng	# 99
51) 2,6-Dinitrotoluene	14.22	165	708	0.312	ng	# 14
52) Acenaphthene	14.78	154	367	0.047	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	16662	5.229	ng	# 19
58) Fluorene	16.27	166	9974	0.989	ng	# 88
60) Diethylphthalate	15.57	149	505	0.048	ng	# 58
63) Azobenzene	16.13	77	57	0.006	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.27	198	829	0.426	ng	# 1
66) n-Nitrosodiphenylamine	16.27	169	9205	0.967	ng	# 45
67) 4-Bromophenyl-phenylether	16.27	248	17898	4.864	ng	# 1
70) Pentachlorophenol	17.48	266	81	0.034	ng	# 18
71) Phenanthrene	17.57	178	216	0.012	ng	# 59
72) Anthracene	17.57	178	216	0.012	ng	# 60
73) Carbazole	17.54	167	55	0.003	ng	# 1
74) Di-n-butylphthalate	18.46	149	2207	0.118	ng	# 77
75) Fluoranthene	19.57	202	57	0.003	ng	# 63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

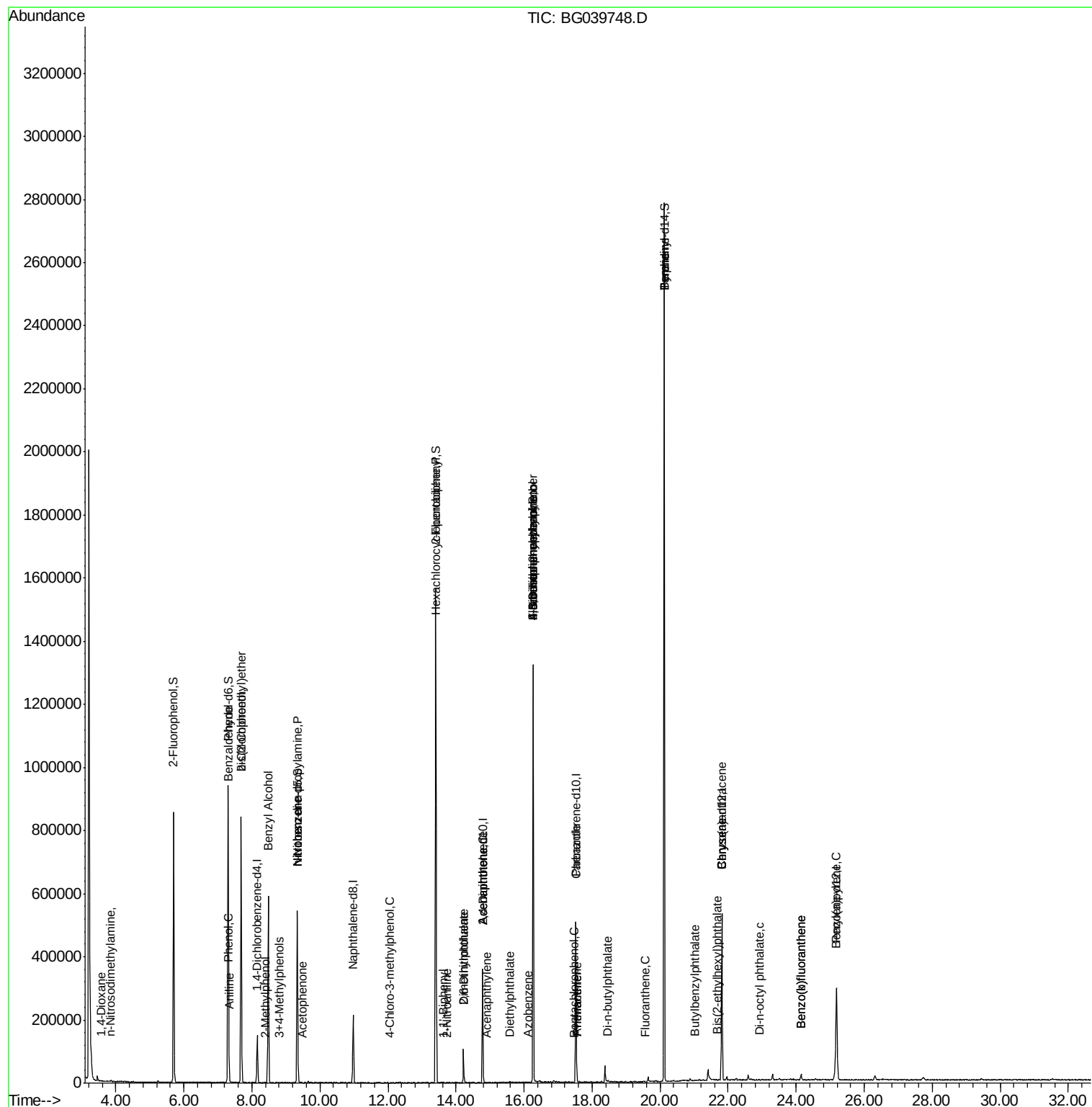
77) Benzidine	20.12	184	22581	2.118	ng	# 95
78) Pyrene	20.12	202	5290	0.242	ng	# 75
80) Butylbenzylphthalate	21.03	149	66	0.008	ng	# 22
81) Benzo(a)anthracene	21.82	228	1279	0.061	ng	# 50
83) Chrysene	21.82	228	1279	0.063	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.66	149	821	0.069	ng	# 97
85) Di-n-octyl phthalate	22.92	149	78	0.004	ng	# 1
88) Benzo(b)fluoranthene	24.14	252	59	0.003	ng	# 1
89) Benzo(k)fluoranthene	24.14	252	59	0.003	ng	# 1
90) Benzo(a)pyrene	25.17	252	994	0.053	ng	# 51

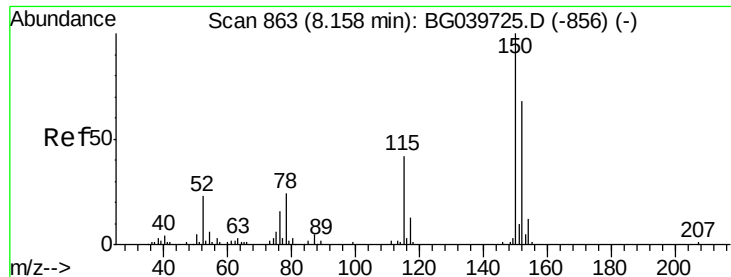
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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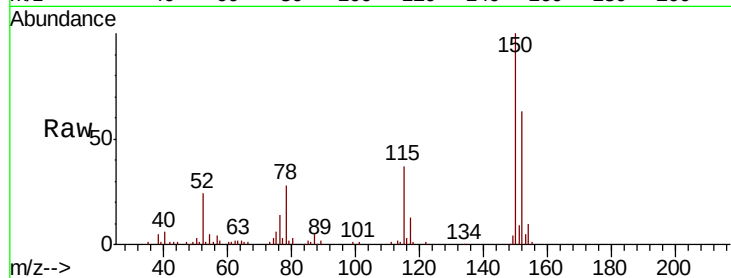


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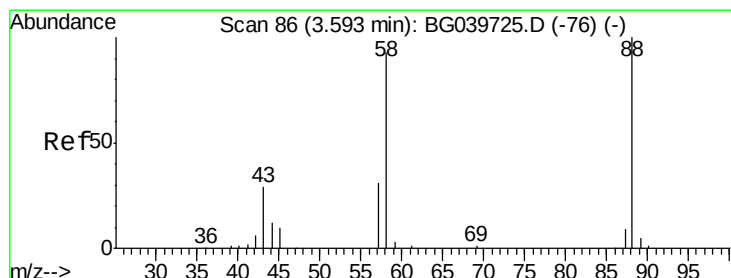
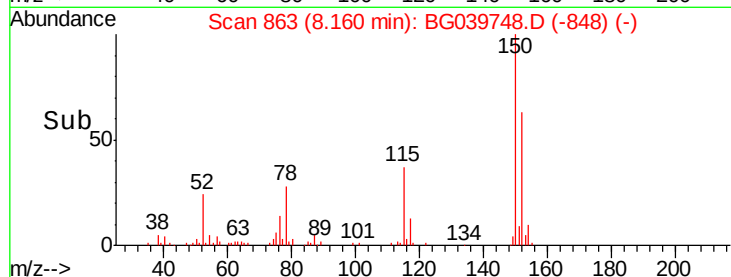
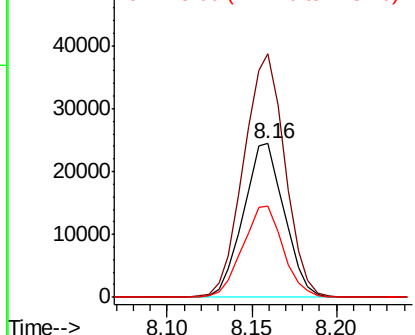
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Instrument :
BNA_G
ClientSampled :
SB-C-2-5

Tgt Ion:152 Resp: 41298
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 59.4 45.9 68.9



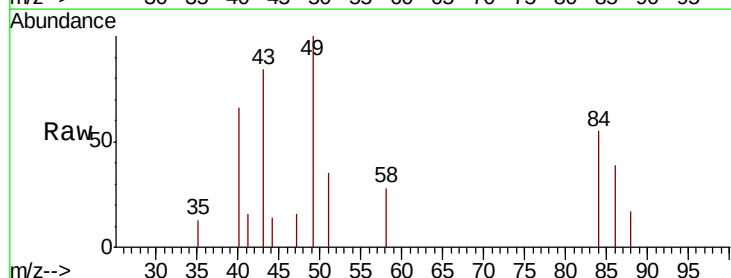
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



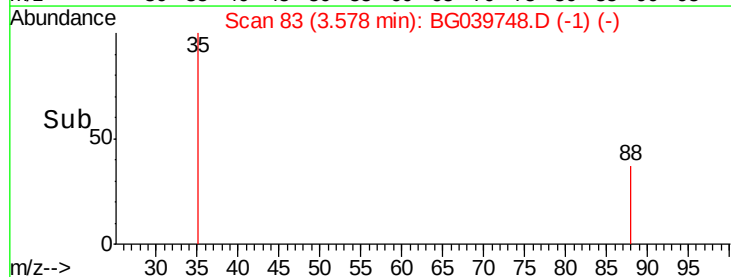
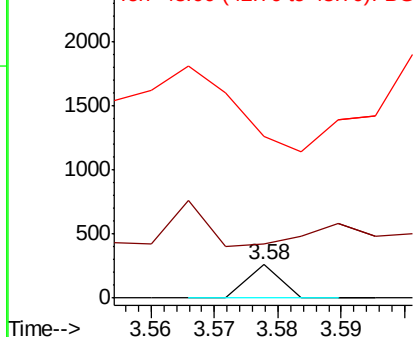
#2

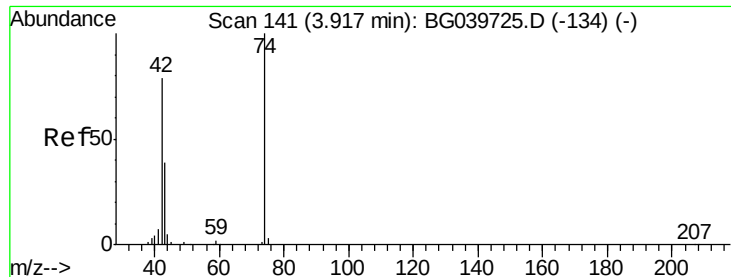
1,4-Dioxane
Concen: 0.081 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Tgt Ion: 88 Resp: 91
Ion Ratio Lower Upper
88 100
58 208.8 81.1 121.7#
43 0.0 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.090 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.09 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampled :

SB-C-2-5

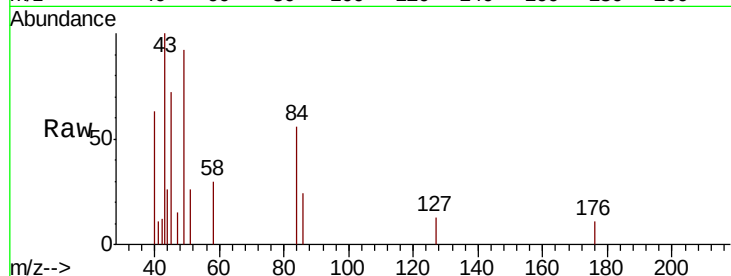
Tgt Ion: 42 Resp: 128

Ion Ratio Lower Upper

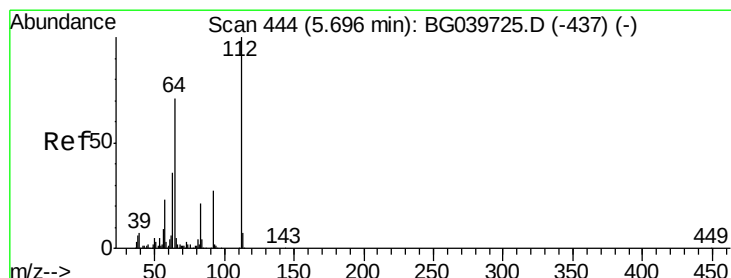
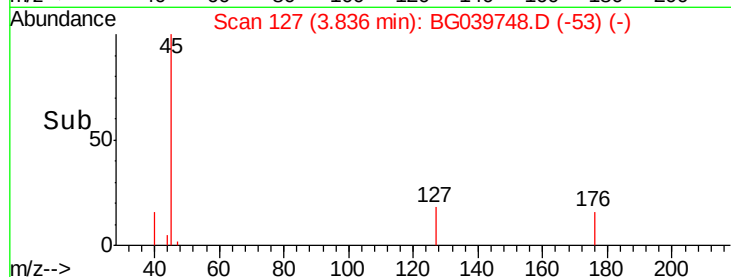
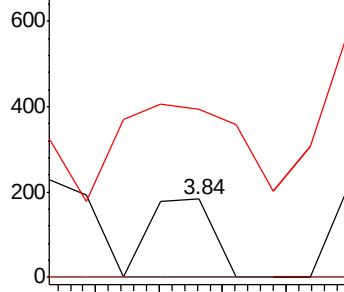
42 100

74 0.0 83.6 125.4#

44 215.8 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 147.902 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

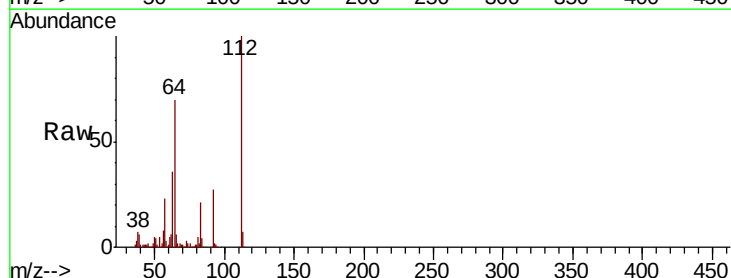
Tgt Ion: 112 Resp: 358032

Ion Ratio Lower Upper

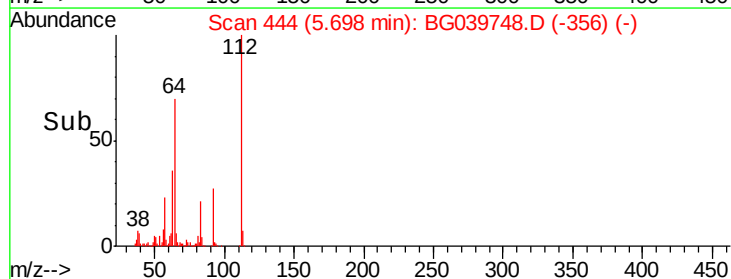
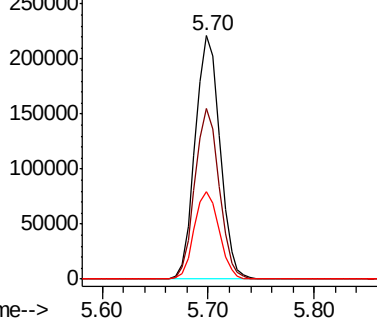
112 100

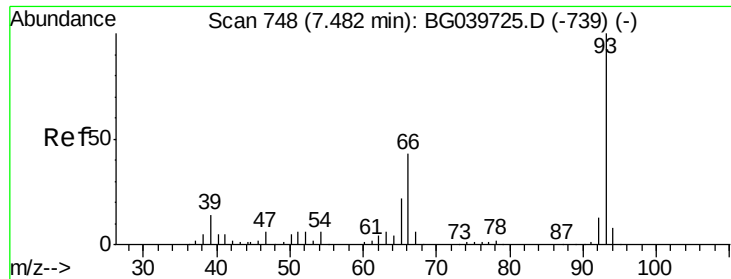
64 70.2 57.8 86.8

63 36.2 29.8 44.6



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: 0.033 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.16 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

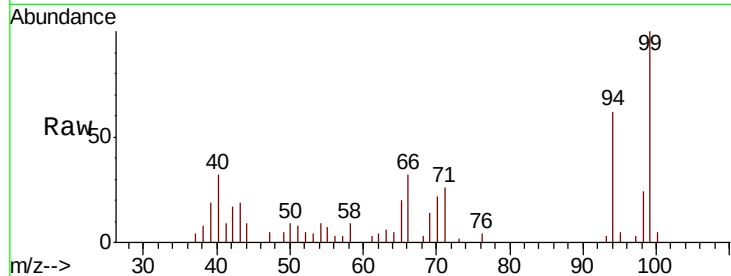
Tgt Ion: 93 Resp: 158

Ion Ratio Lower Upper

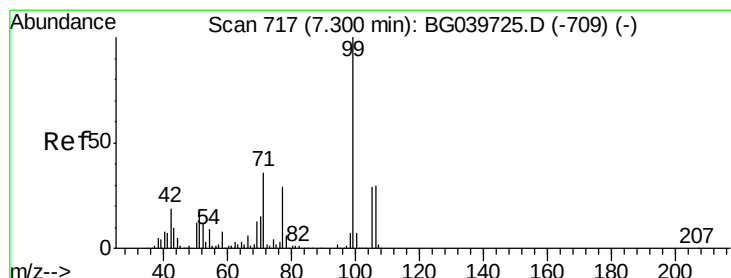
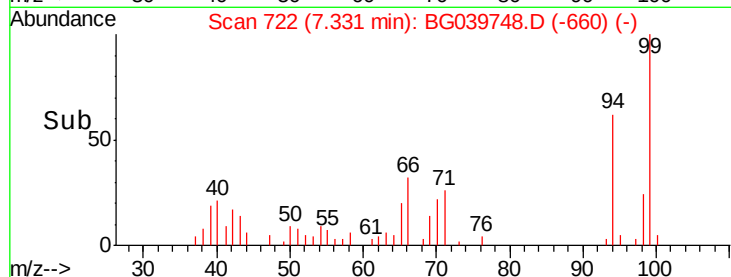
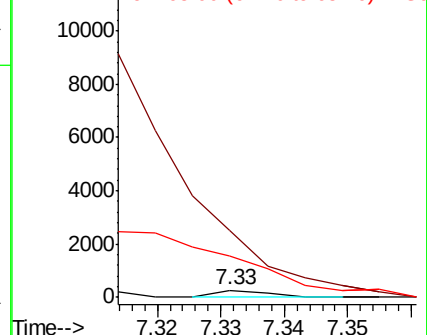
93 100

66 933.3 34.2 51.4#

65 578.7 17.7 26.5#



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: 150.012 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

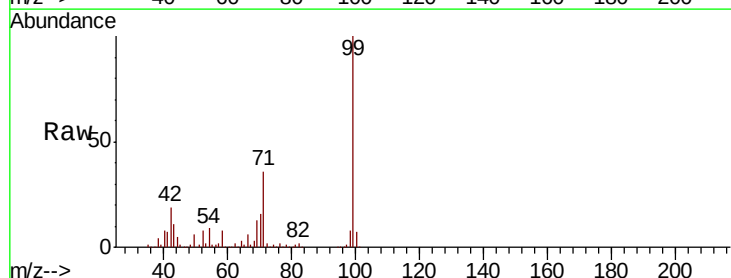
Tgt Ion: 99 Resp: 541464

Ion Ratio Lower Upper

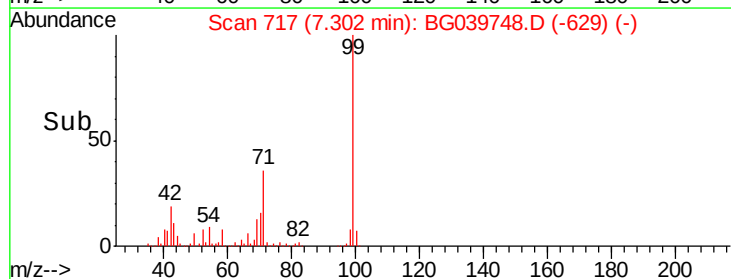
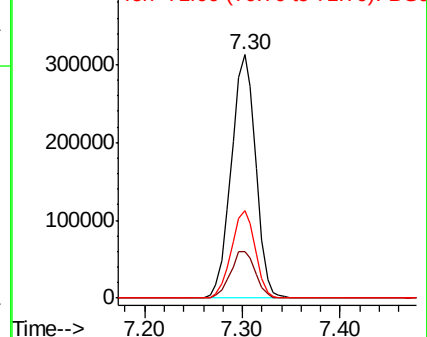
99 100

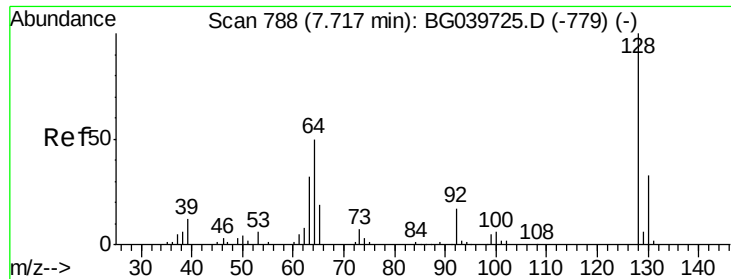
42 19.3 18.2 27.2

71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

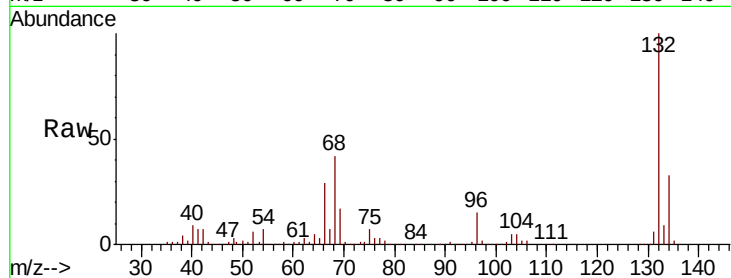




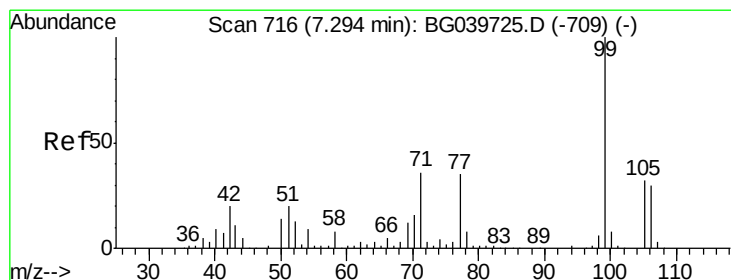
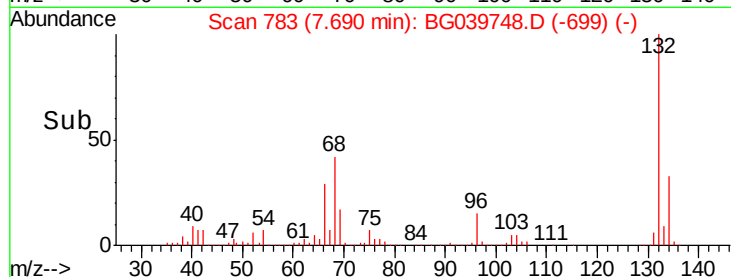
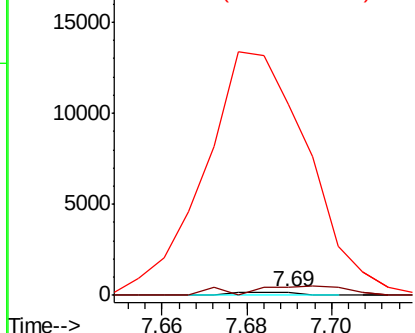
#8
2-Chlorophenol
Concen: 0.059 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Instrument :
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Tgt Ion: 128 Resp: 173
Ion Ratio Lower Upper
128 100
130 269.7 12.9 52.9#
64 6009.1 38.7 78.7#

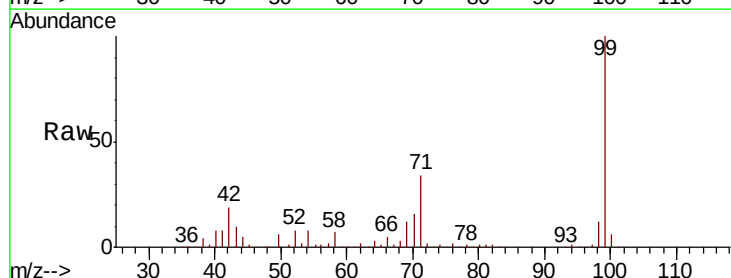


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC

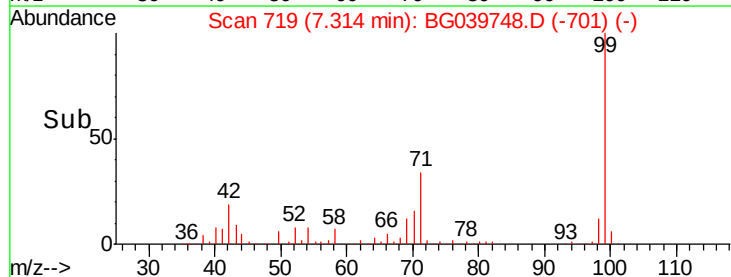
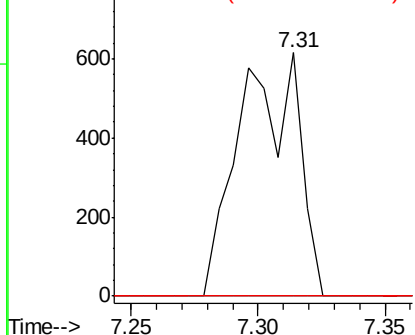


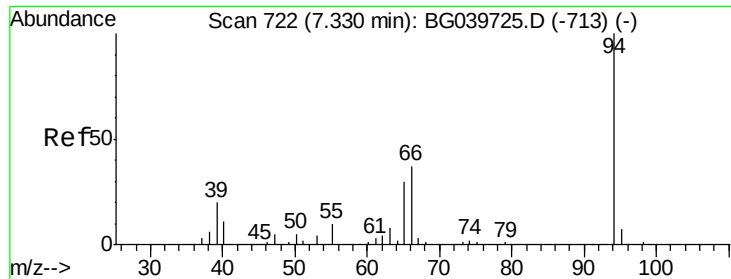
#9
Benzaldehyde
Concen: 0.430 ng
RT: 7.31 min Scan# 719
Delta R.T. 0.01 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Tgt Ion: 77 Resp: 1001
Ion Ratio Lower Upper
77 100
105 0.0 74.5 114.5#
106 0.0 68.0 108.0#



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





#10

Phenol

Concen: 2.148 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

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ClientSampleId :

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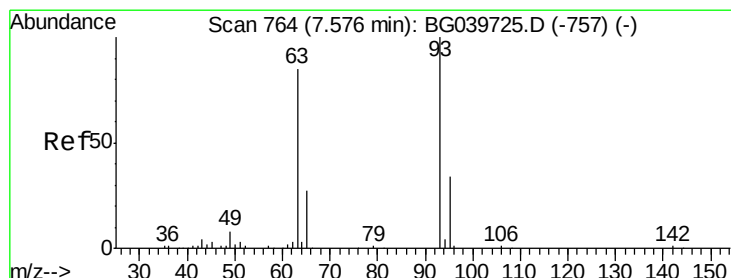
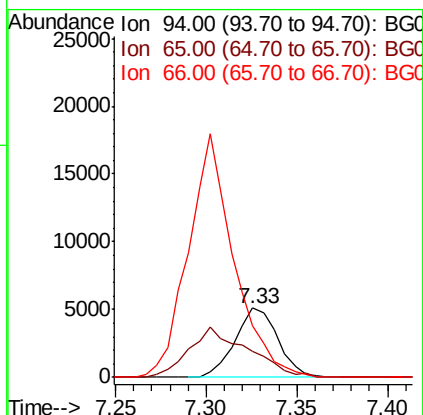
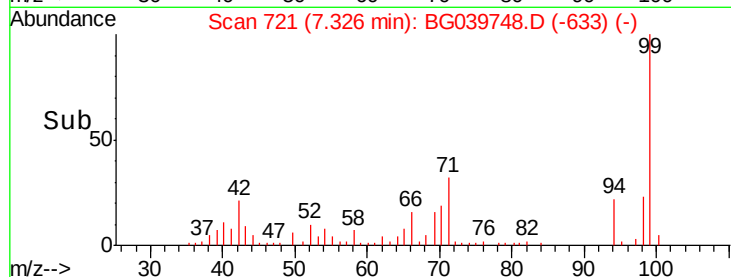
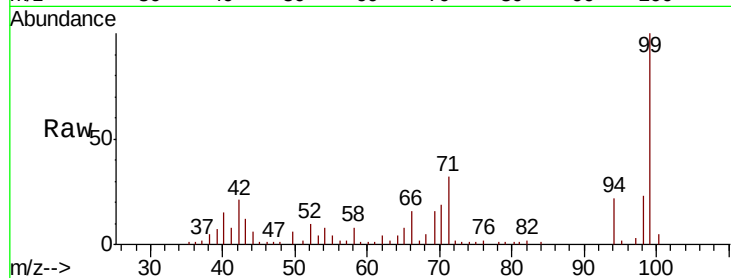
Tgt Ion: 94 Resp: 8398

Ion Ratio Lower Upper

94 100

65 37.1 11.7 51.7

66 74.6 23.7 63.7#



#11

bis(2-Chloroethyl)ether

Concen: 0.194 ng

RT: 7.68 min Scan# 782

Delta R.T. 0.10 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

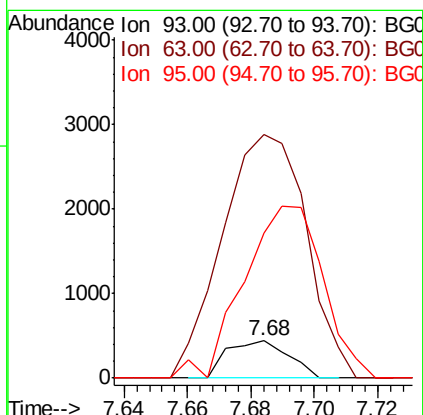
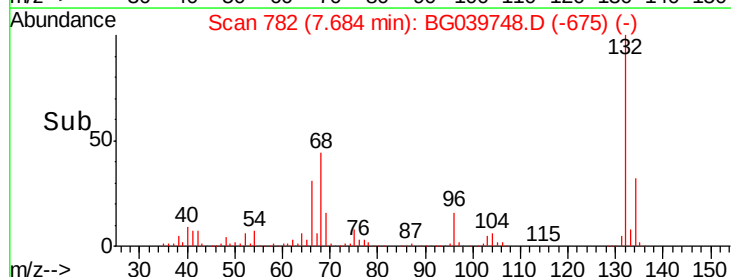
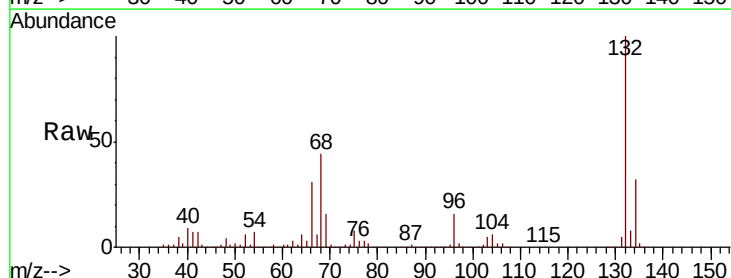
Tgt Ion: 93 Resp: 591

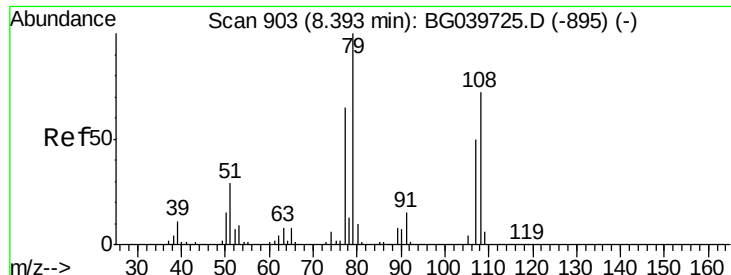
Ion Ratio Lower Upper

93 100

63 650.6 69.5 109.5#

95 387.1 12.7 52.7#

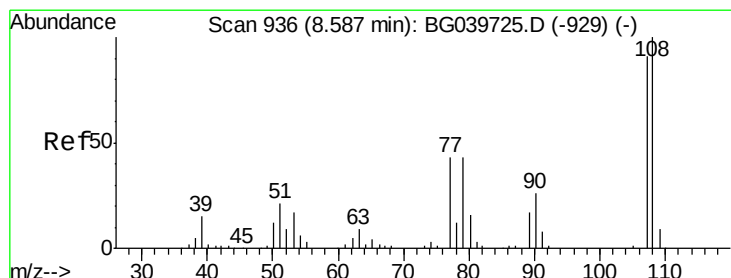
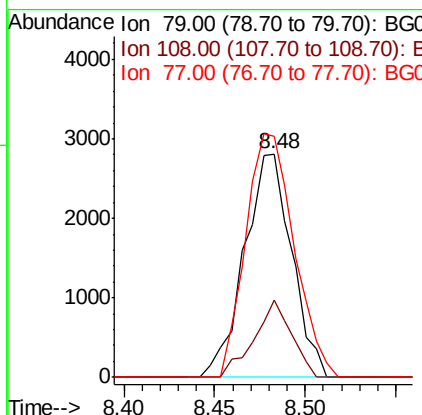
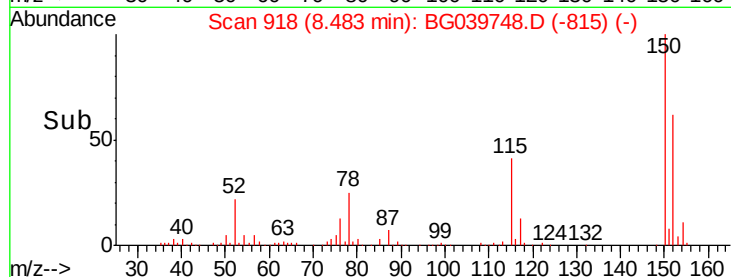
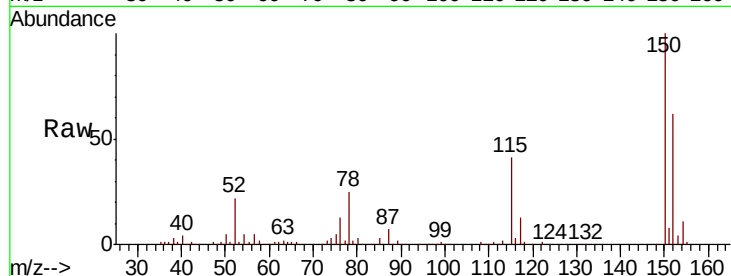




#15
Benzyl Alcohol
Concen: 1.777 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.08 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

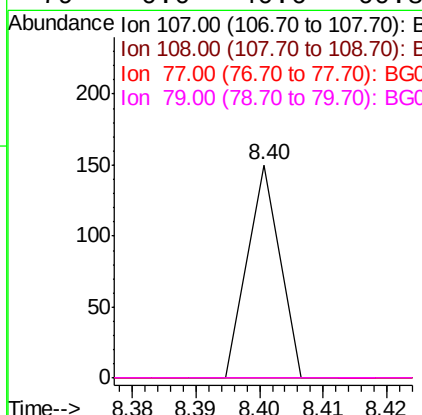
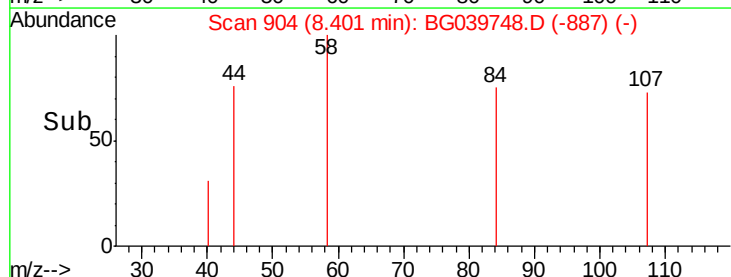
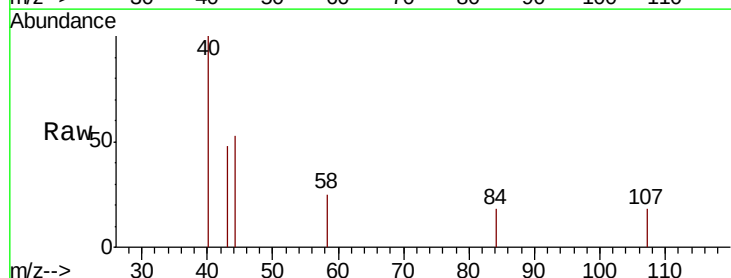
Instrument :
BNA_G
ClientSampleId :
SB-C-2-5

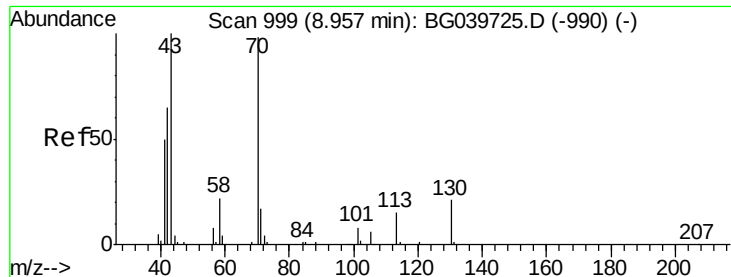
Tgt Ion: 79 Resp: 5087
Ion Ratio Lower Upper
79 100
108 34.6 57.8 86.6#
77 107.7 51.1 76.7#



#17
2-Methylphenol
Concen: 0.021 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.20 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Tgt Ion: 107 Resp: 53
Ion Ratio Lower Upper
107 100
108 0.0 90.8 136.2#
77 0.0 40.7 61.1#
79 0.0 40.6 60.8#

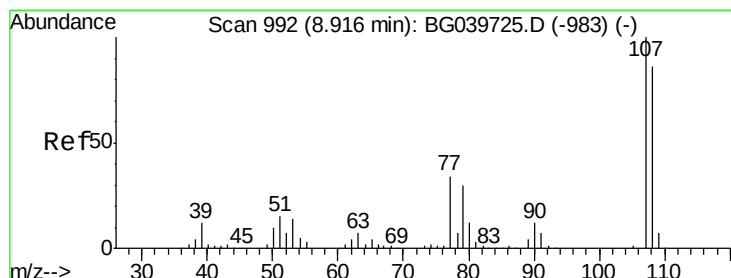
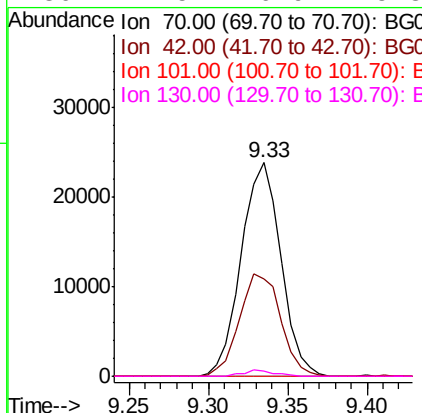
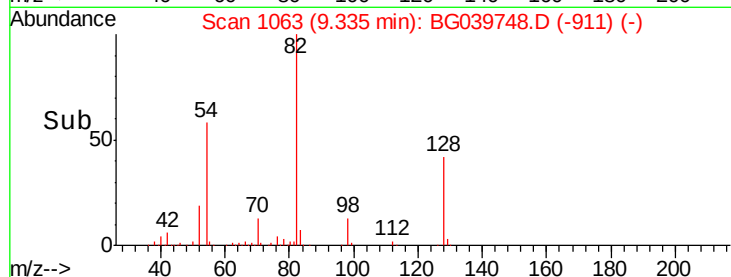
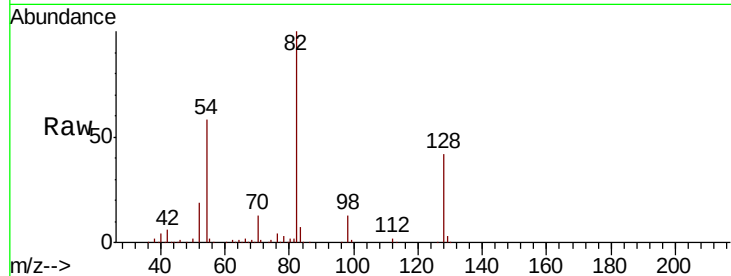




#19
n-Nitroso-di-n-propylamine
Concen: 15.962 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.37 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

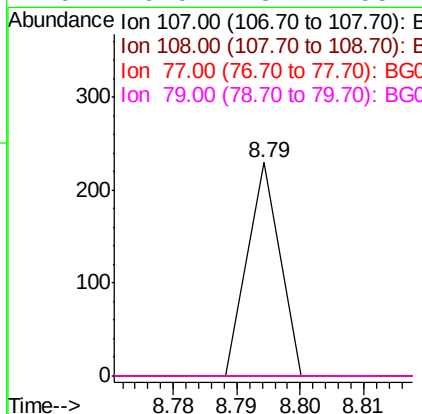
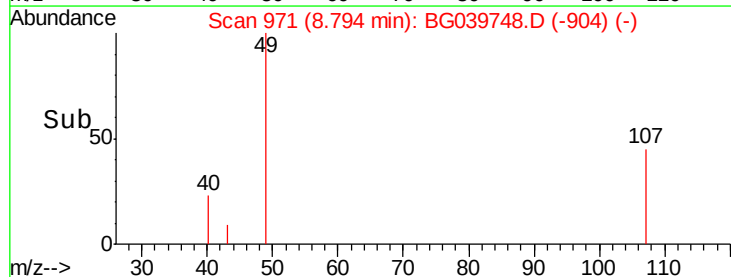
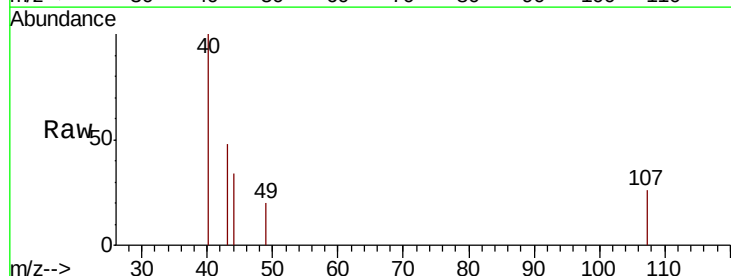
Instrument :
BNA_G
ClientSampleId :
SB-C-2-5

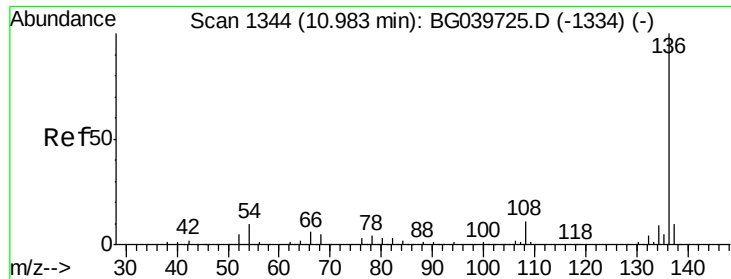
Tgt Ion: 70 Resp: 41469
Ion Ratio Lower Upper
70 100
42 45.6 60.4 90.6#
101 0.0 7.5 11.3#
130 2.5 16.9 25.3#



#20
3+4-Methylphenols
Concen: 0.023 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.13 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Tgt Ion: 107 Resp: 81
Ion Ratio Lower Upper
107 100
108 0.0 67.9 107.9#
77 0.0 15.4 55.4#
79 0.0 13.7 53.7#

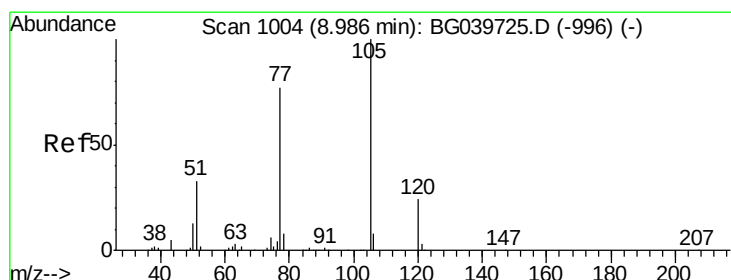
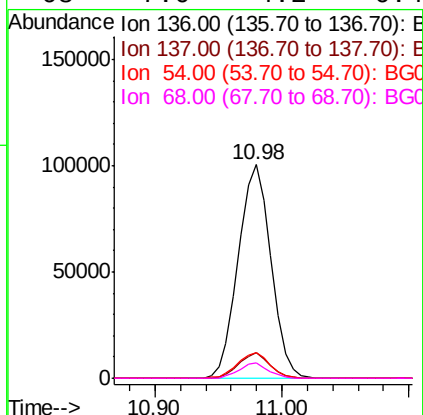
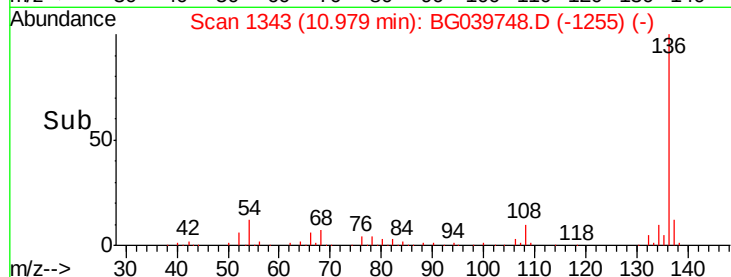
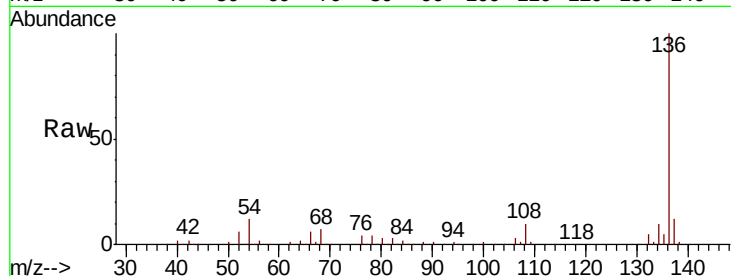




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

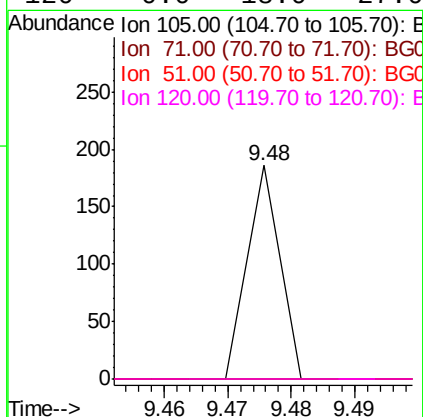
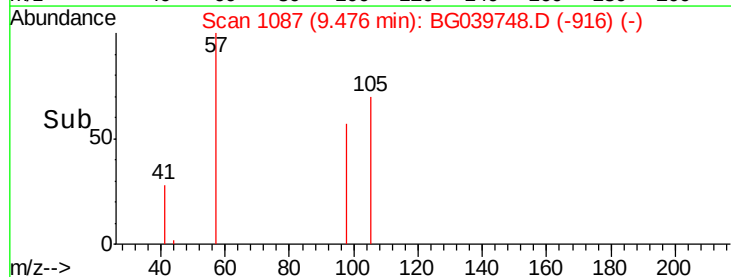
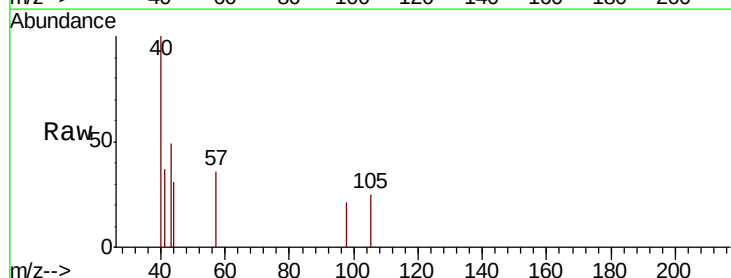
Instrument :
BNA_G
ClientSampleId :
SB-C-2-5

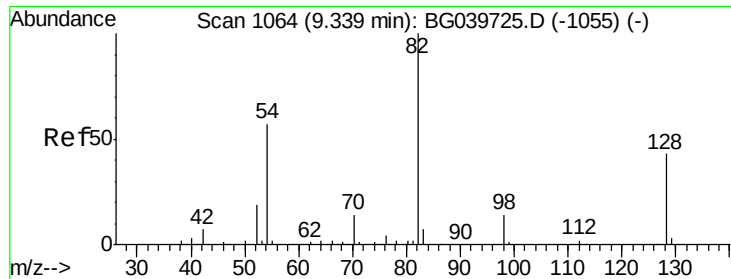
Tgt Ion:	136	Resp:	179997
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.1	13.7
54	11.8	9.4	14.2
68	7.0	4.2	6.4#



#22
Acetophenone
Concen: 0.014 ng
RT: 9.48 min Scan# 1087
Delta R.T. 0.48 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Tgt Ion:	105	Resp:	66
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	0.0	30.2	45.2#
120	0.0	18.0	27.0#

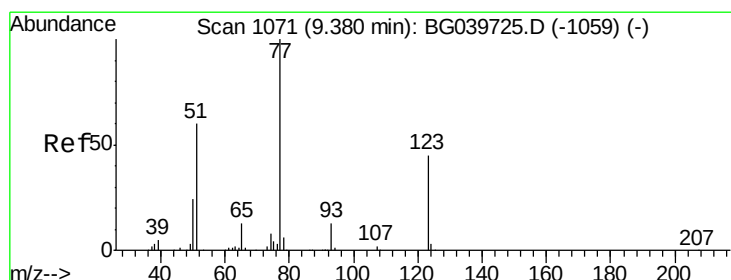
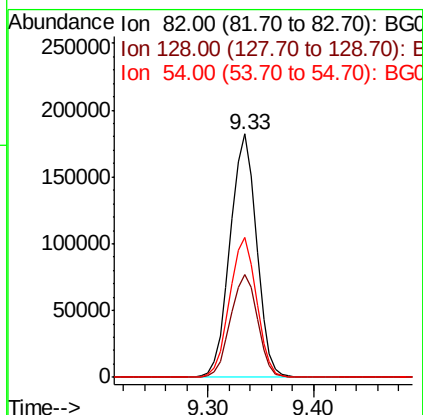
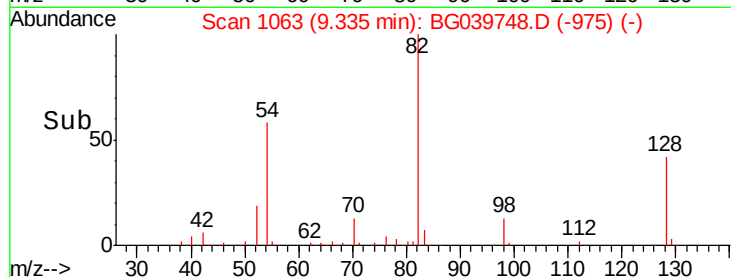
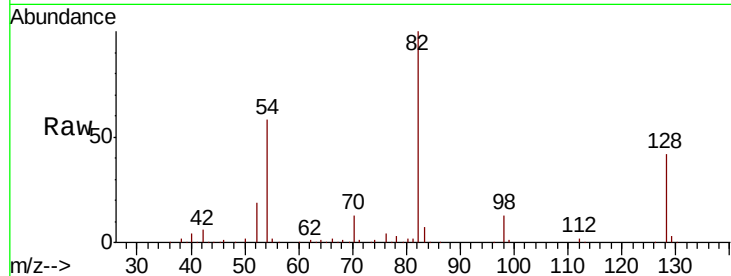




#23
 Nitrobenzene-d5
 Concen: 94.563 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039748.D
 Acq: 5 Mar 2019 2:01

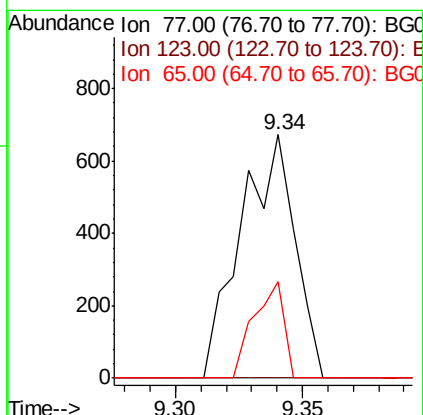
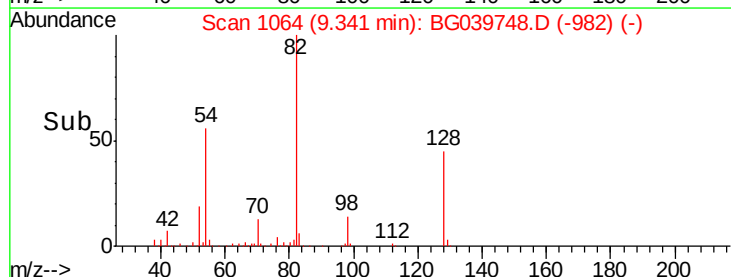
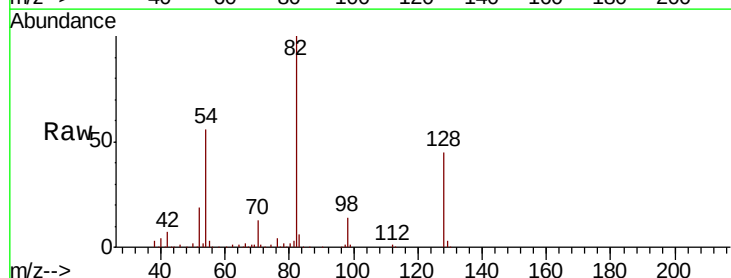
Instrument :
 BNA_G
 ClientSampled :
 SB-C-2-5

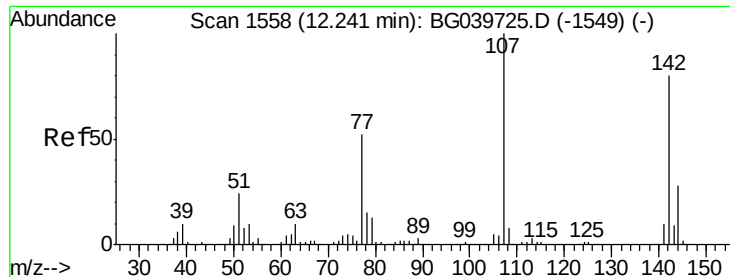
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	57.7	50.9	76.3



#24
 Nitrobenzene
 Concen: 0.288 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.05 min
 Lab File: BG039748.D
 Acq: 5 Mar 2019 2:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	39.5	12.3	18.5#

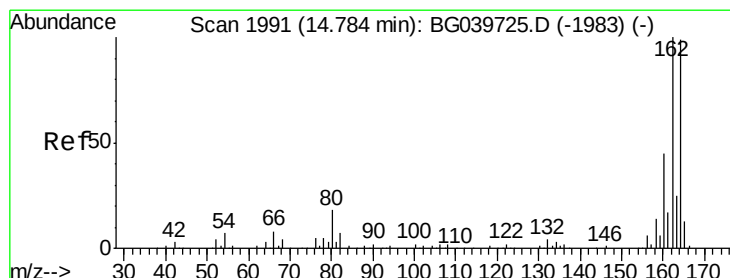
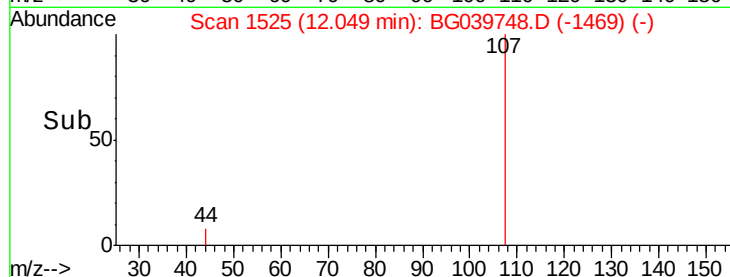
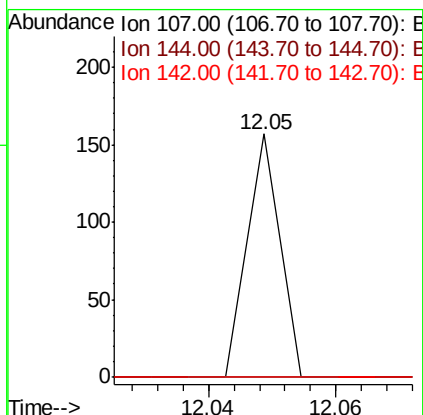
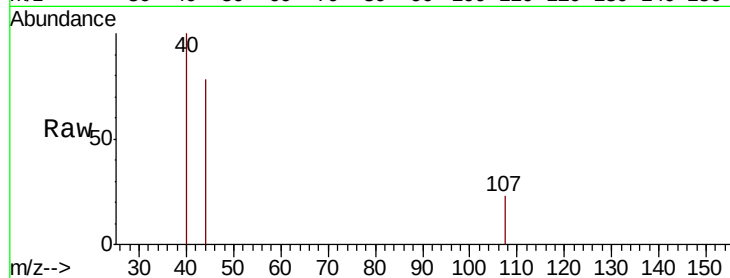




#36
 4-Chloro-3-methylphenol
 Concen: 0.016 ng
 RT: 12.05 min Scan# 1525
 Delta R.T. -0.20 min
 Lab File: BG039748.D
 Acq: 5 Mar 2019 2:01

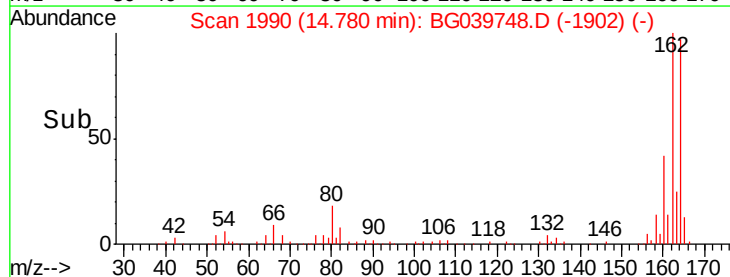
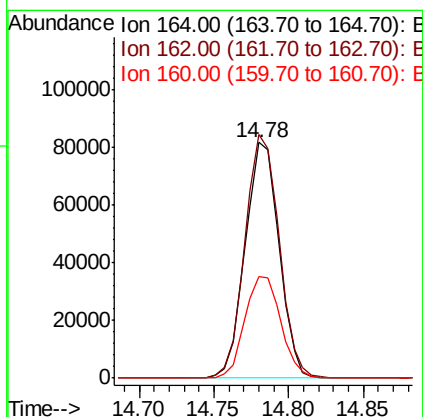
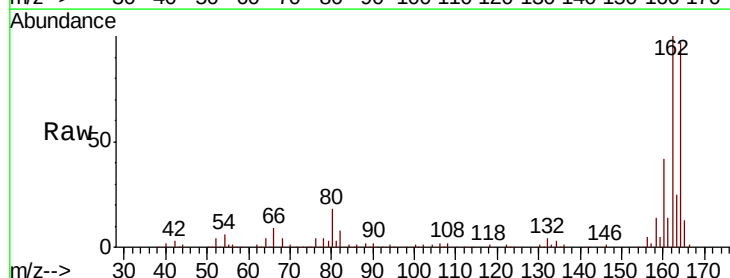
Instrument :
 BNA_G
 ClientSampleId :
 SB-C-2-5

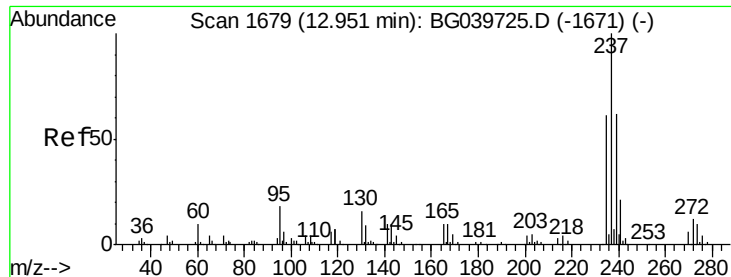
Tgt Ion:107 Resp: 55
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.2 30.2#
 142 0.0 61.4 92.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039748.D
 Acq: 5 Mar 2019 2:01

Tgt Ion:164 Resp: 127939
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.6 122.4
 160 43.3 34.2 51.2

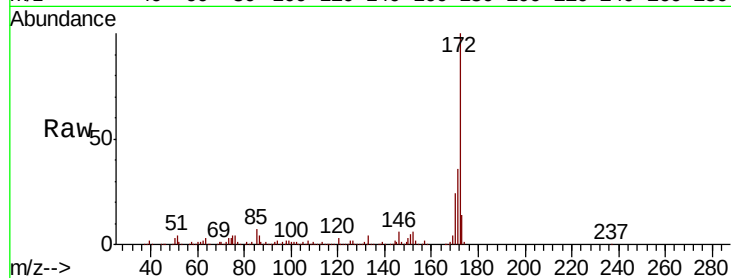




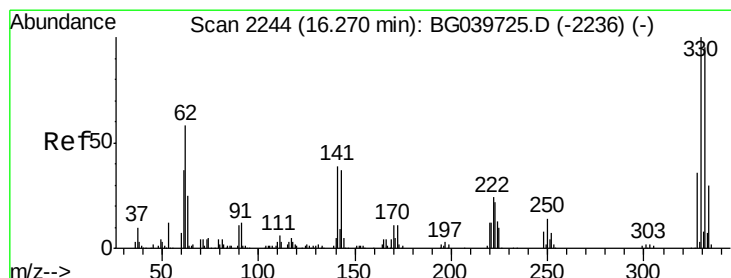
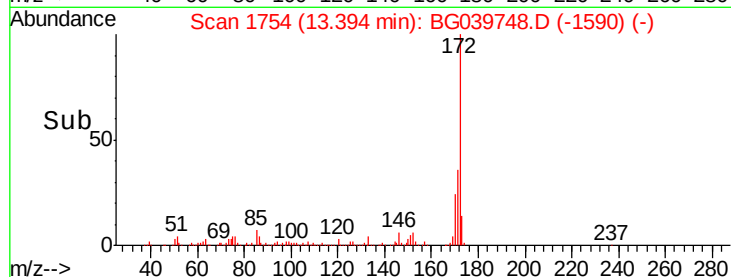
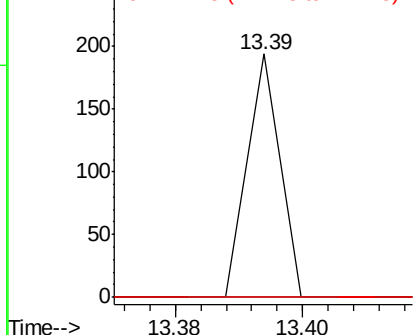
#41
Hexachlorocyclopentadiene
Concen: 0.029 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.44 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Instrument :
BNA_G
ClientSampleId :
SB-C-2-5

Tgt Ion: 237 Resp: 68
Ion Ratio Lower Upper
237 100
235 0.0 43.3 83.3#
272 0.0 0.0 32.3

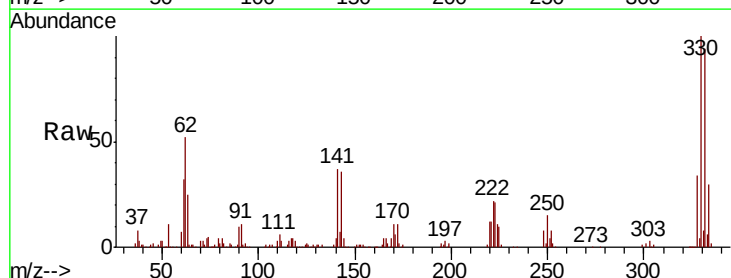


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

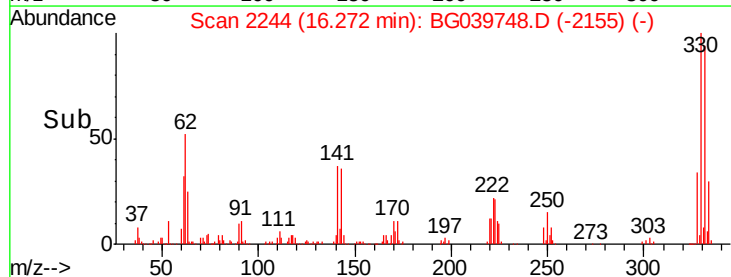
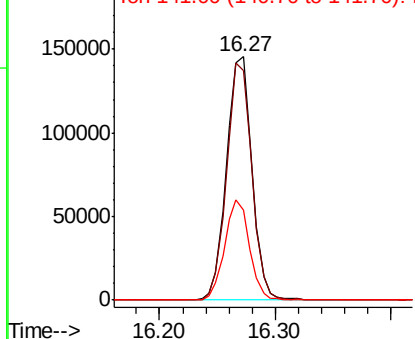


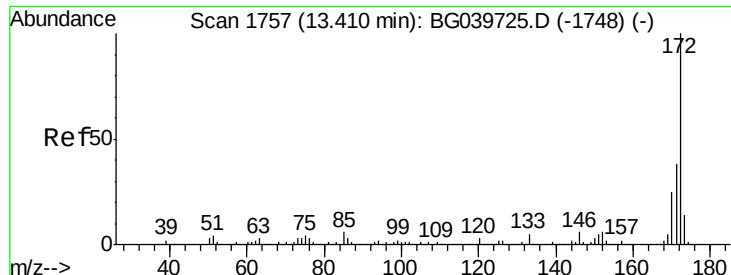
#42
2,4,6-Tribromophenol
Concen: 149.194 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Tgt Ion: 330 Resp: 222481
Ion Ratio Lower Upper
330 100
332 96.5 75.7 113.5
141 40.2 35.6 53.4



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

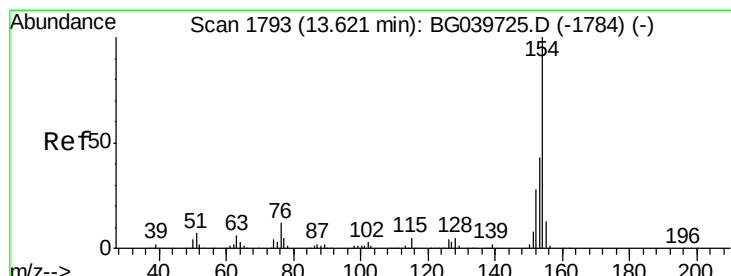
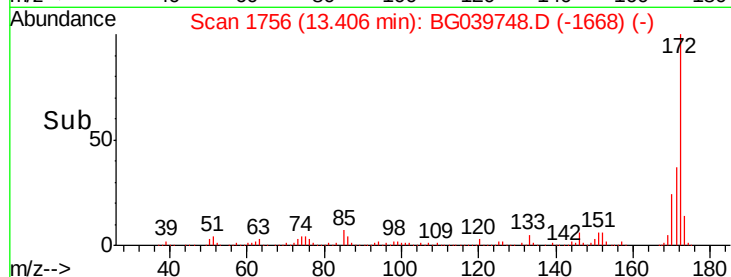
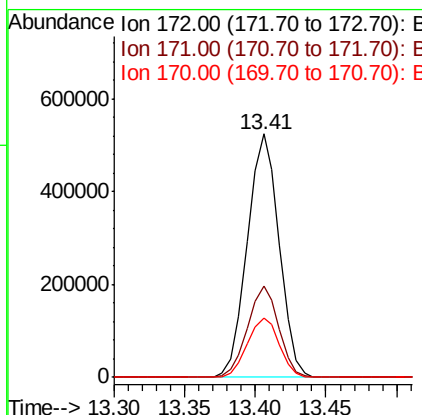
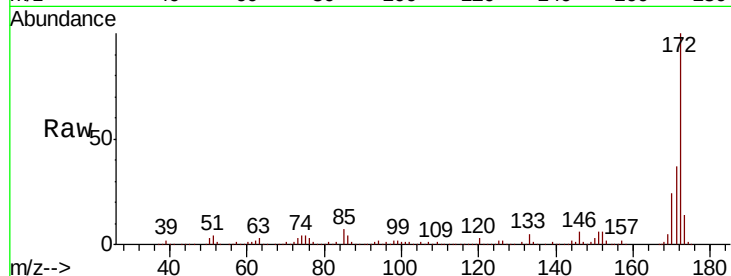




#45
2-Fluorobiphenyl
Concen: 92.033 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

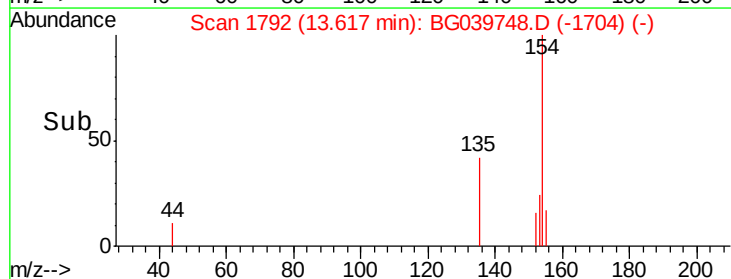
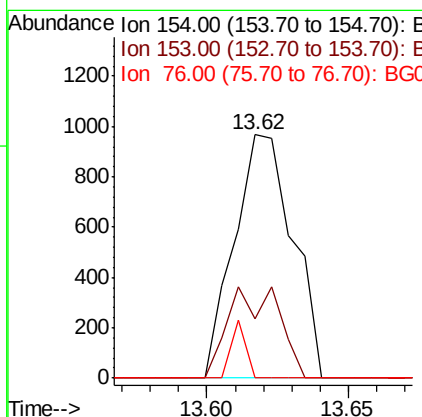
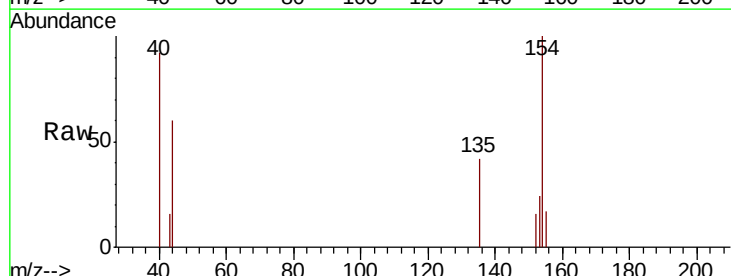
Instrument :
BNA_G
ClientSampleId :
SB-C-2-5

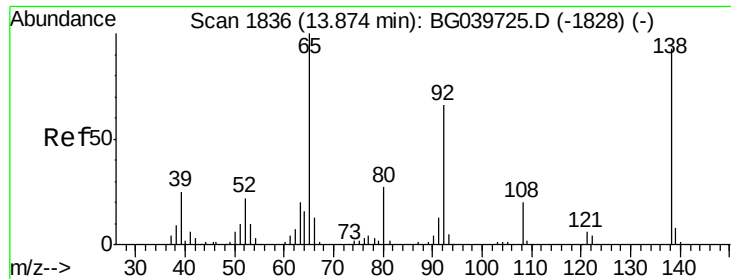
Tgt Ion:172 Resp: 826969
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 24.4 20.2 30.4



#46
1,1'-Biphenyl
Concen: 0.132 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Tgt Ion:154 Resp: 1385
Ion Ratio Lower Upper
154 100
153 24.2 22.1 62.1
76 0.0 0.0 32.4

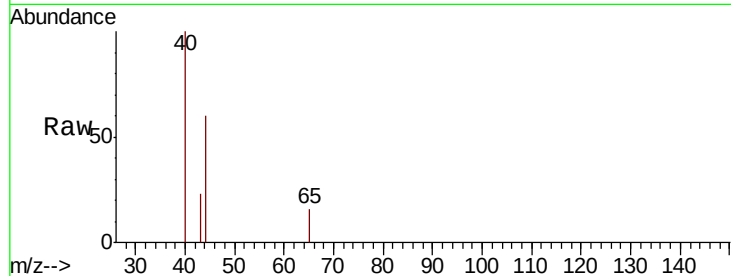




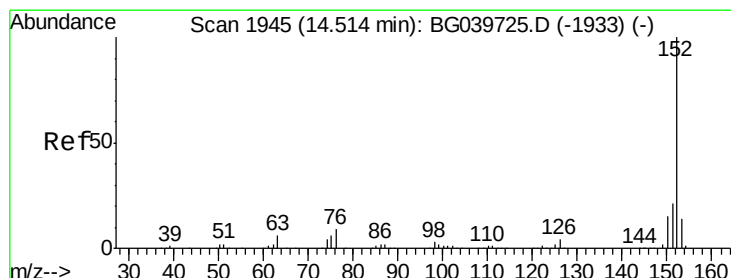
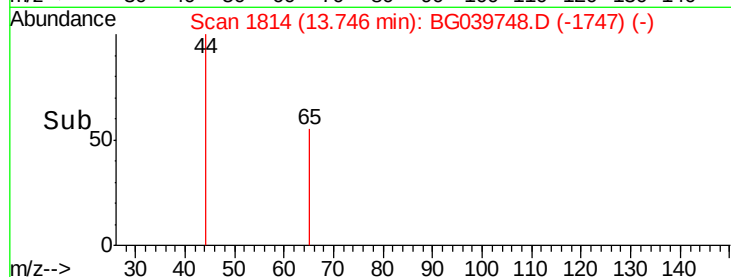
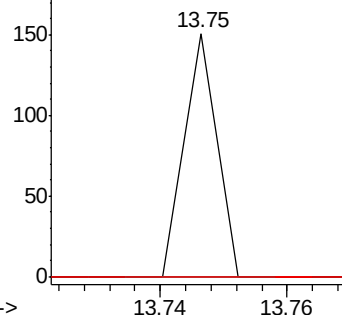
#48
 2-Nitroaniline
 Concen: 0.021 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.13 min
 Lab File: BG039748.D
 Acq: 5 Mar 2019 2:01

Instrument :
 BNA_G
 ClientSampleId :
 SB-C-2-5

Tgt Ion: 65 Resp: 53
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.4 77.2#
 138 0.0 71.4 107.2#

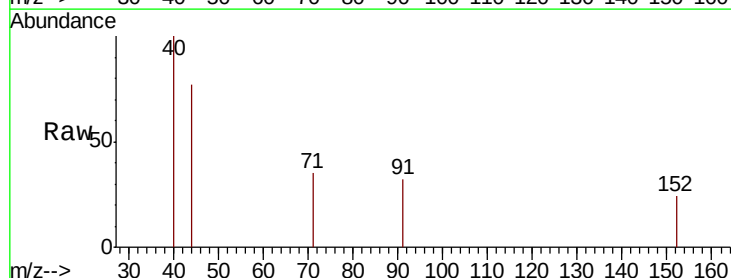


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

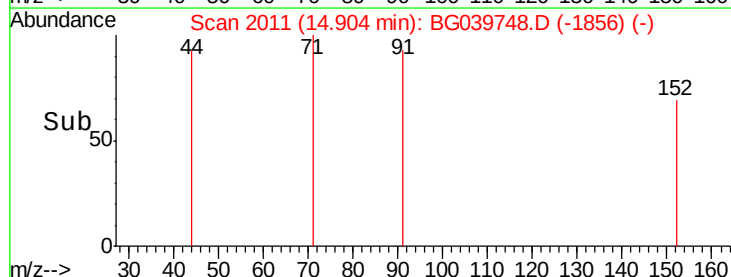
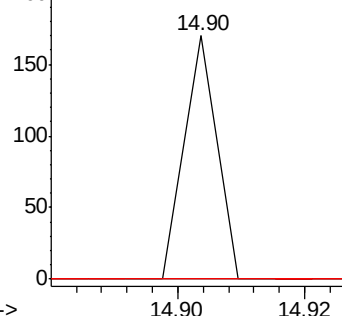


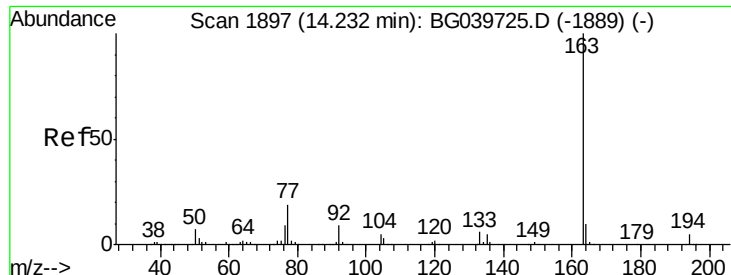
#49
 Acenaphthylene
 Concen: 0.005 ng
 RT: 14.90 min Scan# 2011
 Delta R.T. 0.38 min
 Lab File: BG039748.D
 Acq: 5 Mar 2019 2:01

Tgt Ion: 152 Resp: 60
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.8 25.2#
 153 0.0 11.7 17.5#



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: 6.839 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

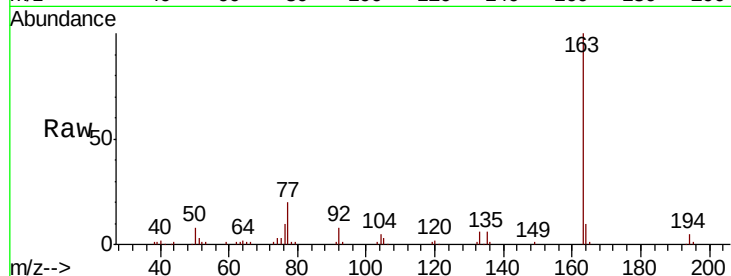
Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

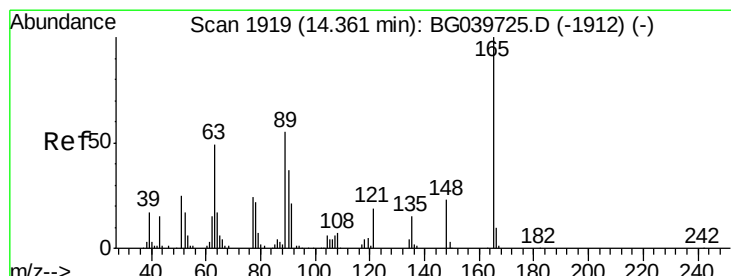
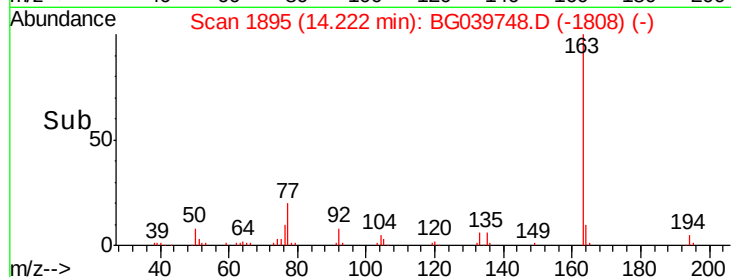
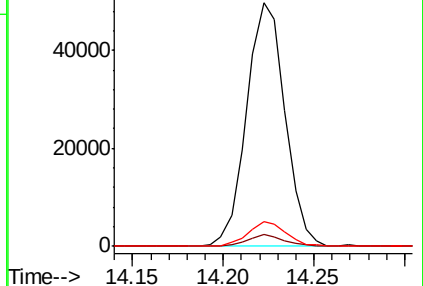
Tgt Ion:	163	Resp:	73167
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	9.9	8.4	12.6



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: 0.312 ng

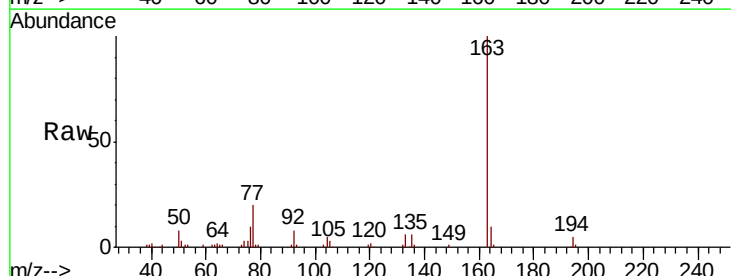
RT: 14.22 min Scan# 1895

Delta R.T. -0.15 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

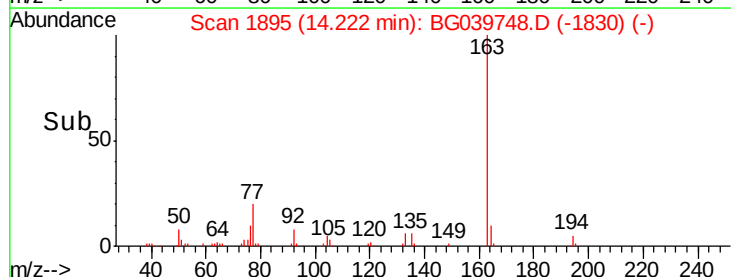
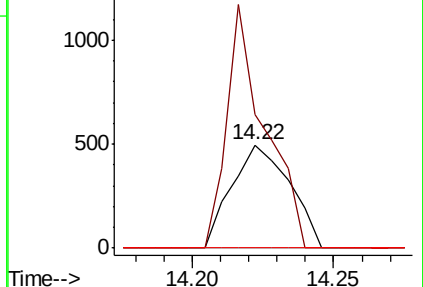
Tgt Ion:	165	Resp:	708
Ion	Ratio	Lower	Upper
165	100		
63	129.2	47.0	70.6#
89	0.0	45.8	68.8#

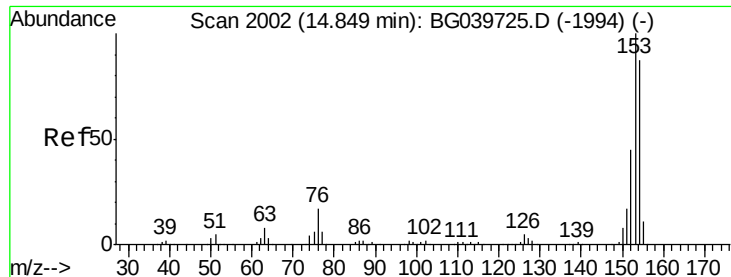


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.047 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.08 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

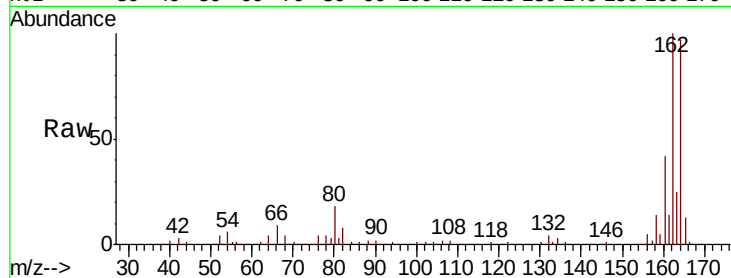
Tgt Ion:154 Resp: 367

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

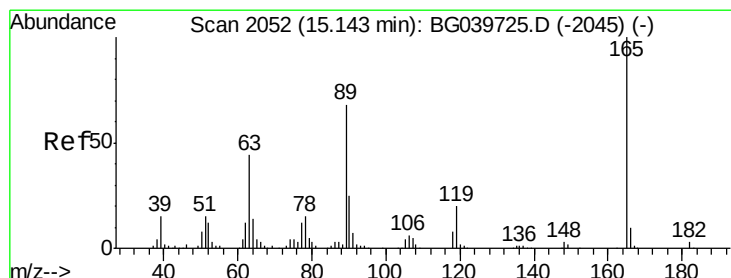
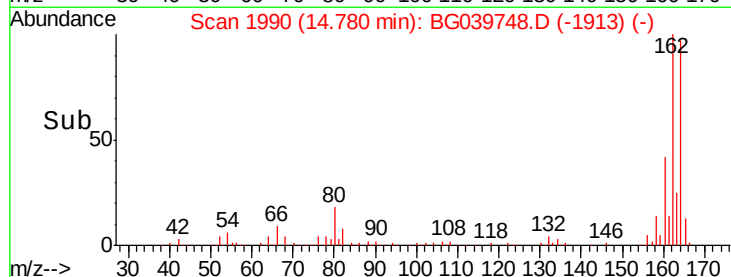
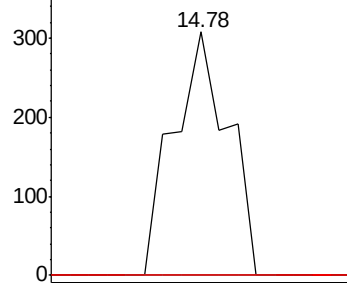
152 0.0 40.9 61.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 5.229 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.37 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Tgt Ion:165 Resp: 16662

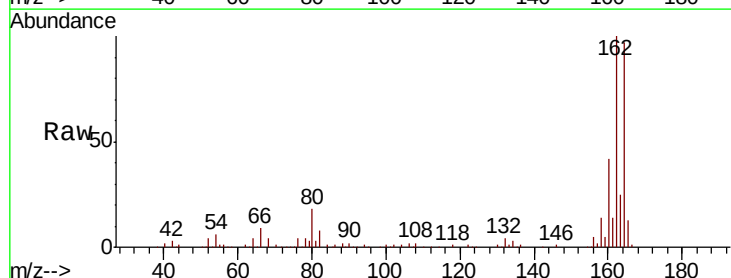
Ion Ratio Lower Upper

165 100

63 1.5 41.0 61.6#

89 2.0 64.6 96.8#

182 0.0 2.0 3.0#

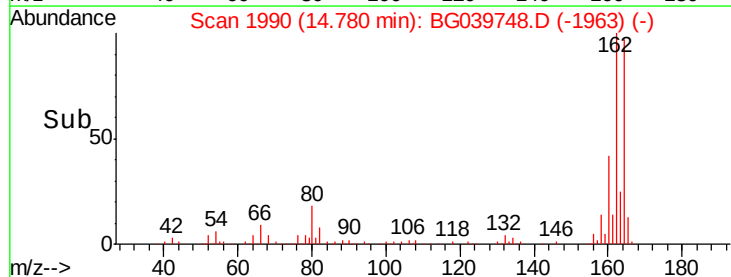
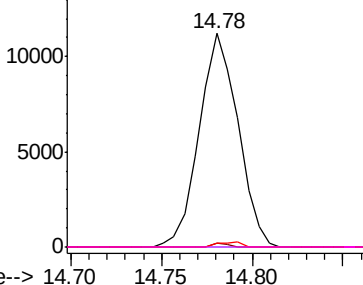


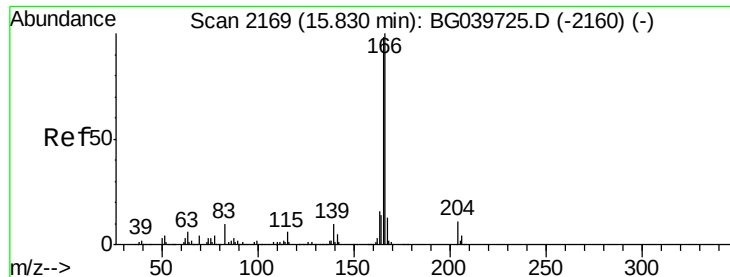
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.989 ng

RT: 16.27 min Scan# 2243

Delta R.T. 0.43 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampled :

SB-C-2-5

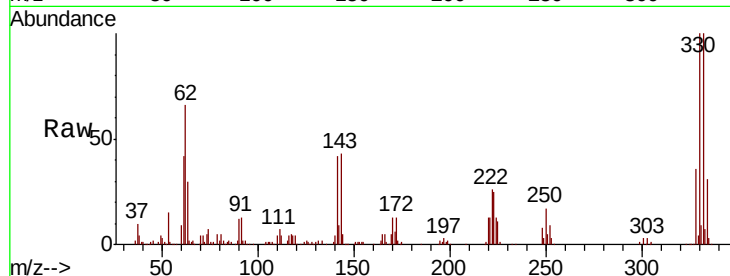
Tgt Ion:166 Resp: 9974

Ion Ratio Lower Upper

166 100

165 88.7 77.9 116.9

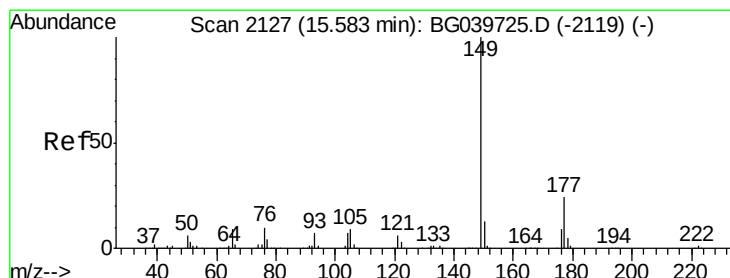
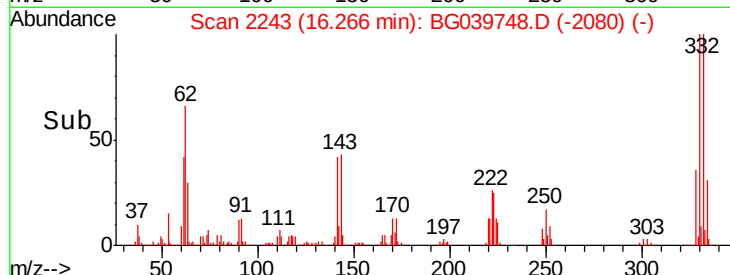
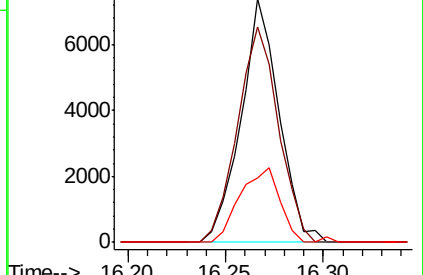
167 26.5 10.8 16.2#



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



#60

Diethylphthalate

Concen: 0.048 ng

RT: 15.57 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

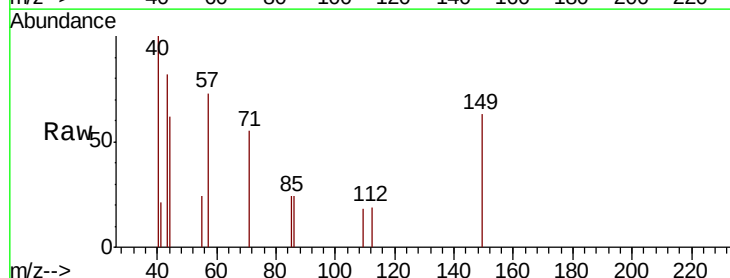
Tgt Ion:149 Resp: 505

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

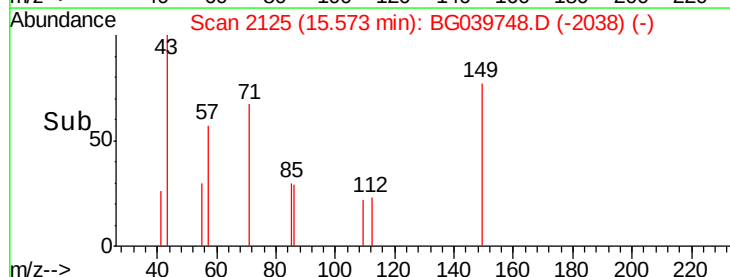
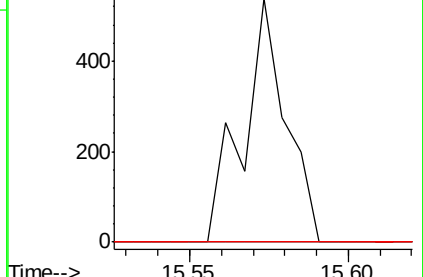
150 0.0 10.2 15.2#

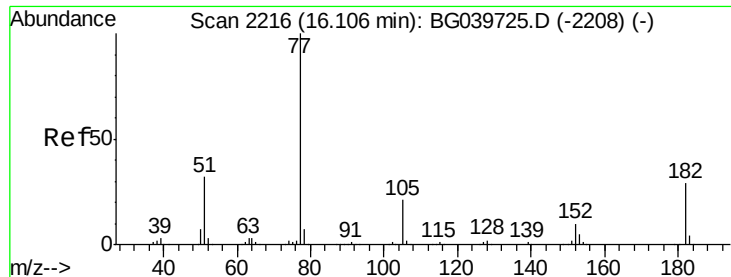


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.006 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.02 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

Tgt Ion: 77 Resp: 57

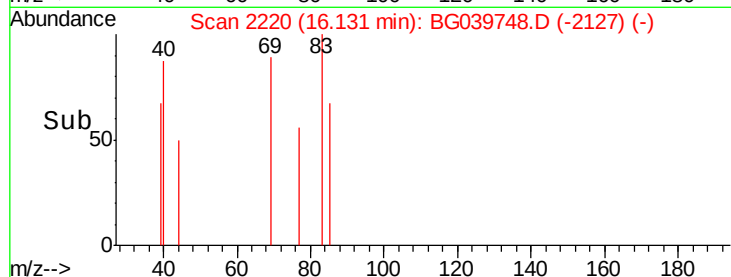
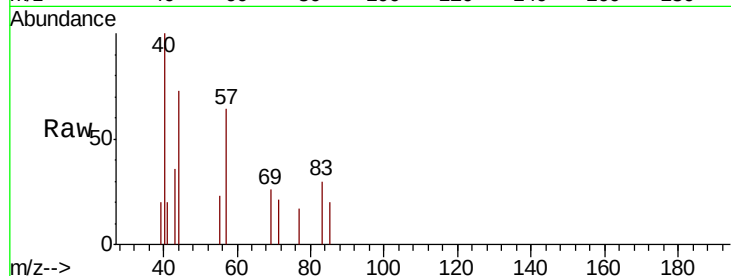
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 0.0 0.0 39.8

51 0.0 14.1 54.1#

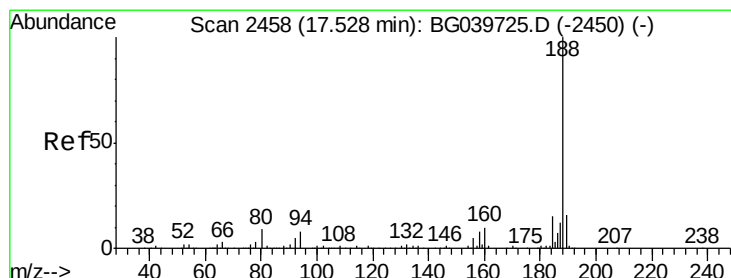
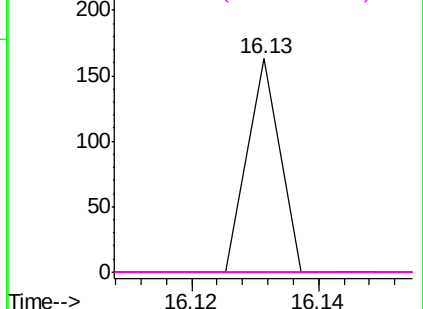


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

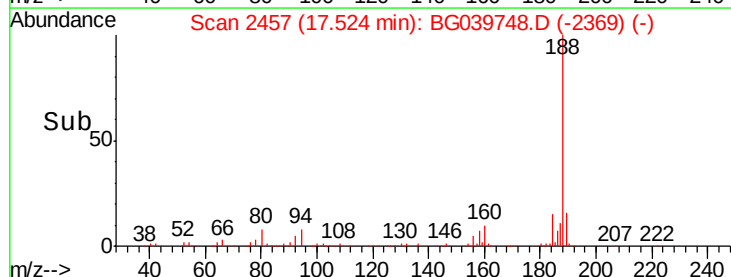
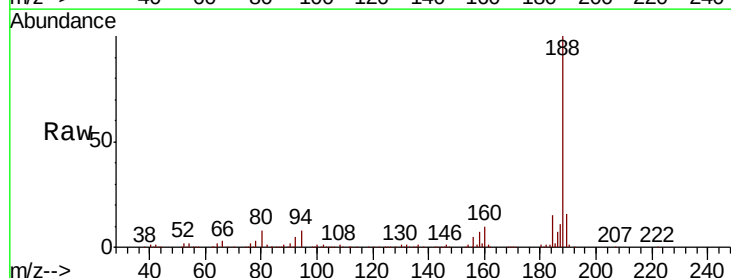
Tgt Ion: 188 Resp: 328740

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

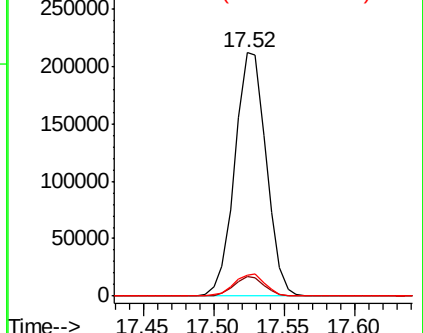
80 8.5 8.1 12.1

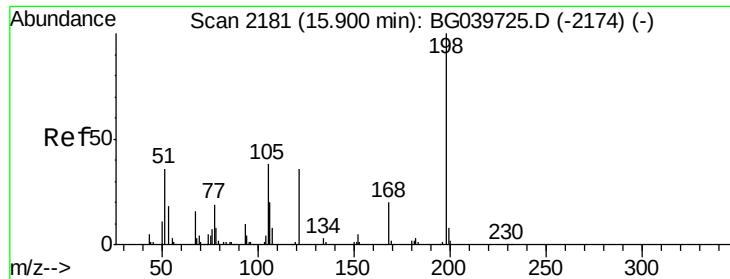


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

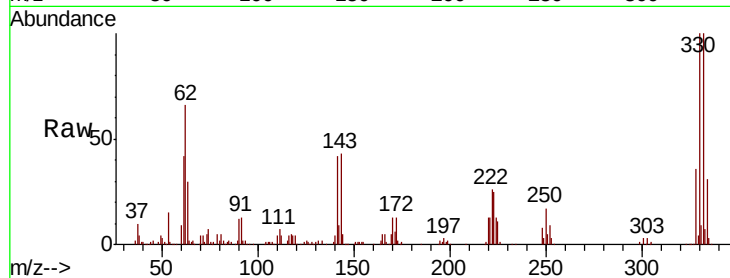




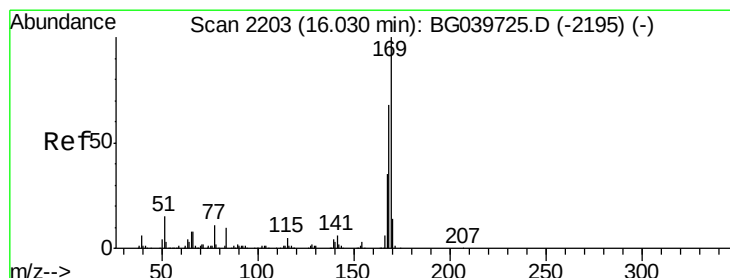
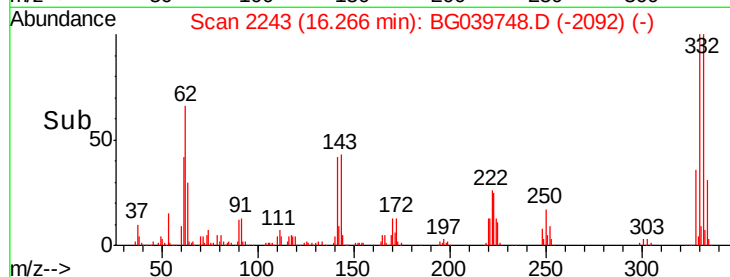
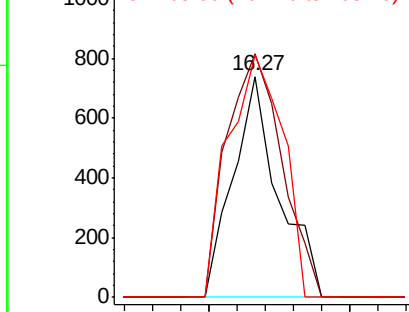
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.426 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.36 min
 Lab File: BG039748.D
 Acq: 5 Mar 2019 2:01

Instrument :
 BNA_G
 ClientSampled :
 SB-C-2-5

Tgt Ion:198 Resp: 829
 Ion Ratio Lower Upper
 198 100
 51 110.3 27.4 67.4#
 105 109.5 19.7 59.7#

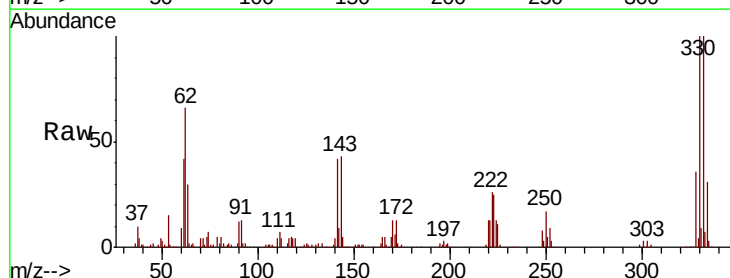


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

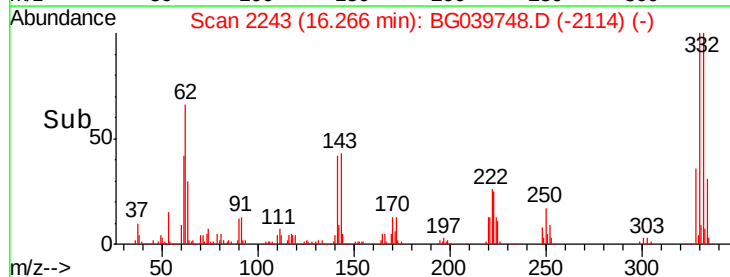
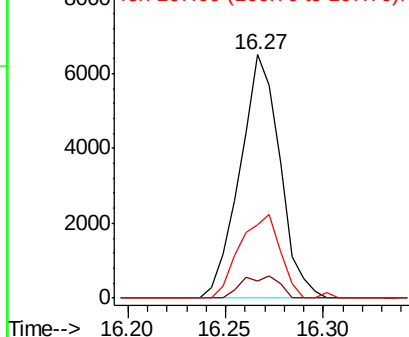


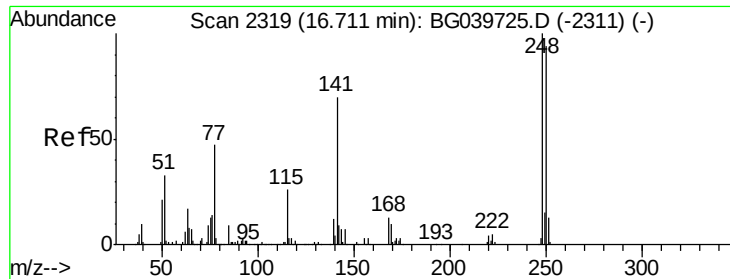
#66
 n-Nitrosodiphenylamine
 Concen: 0.967 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG039748.D
 Acq: 5 Mar 2019 2:01

Tgt Ion:169 Resp: 9205
 Ion Ratio Lower Upper
 169 100
 168 7.0 56.6 85.0#
 167 30.1 28.8 43.2



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





#67

4-Bromophenyl-phenylether

Concen: 4.864 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.45 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

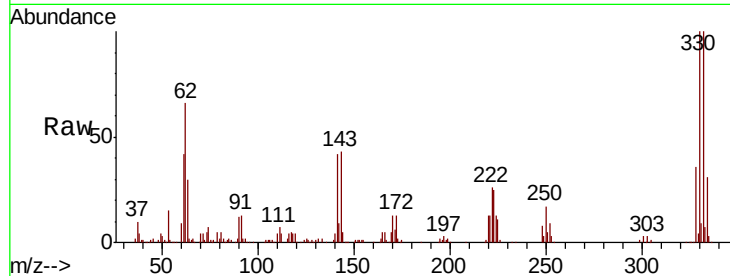
Tgt Ion:248 Resp: 17898

Ion Ratio Lower Upper

248 100

250 198.0 77.6 116.4#

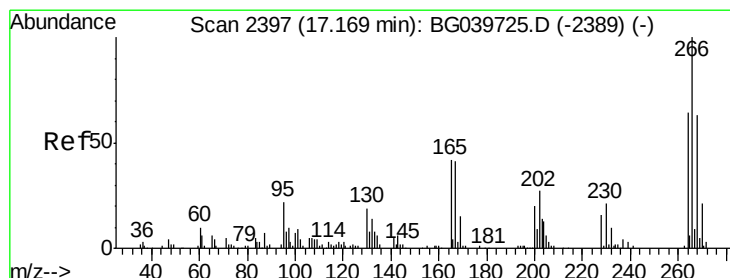
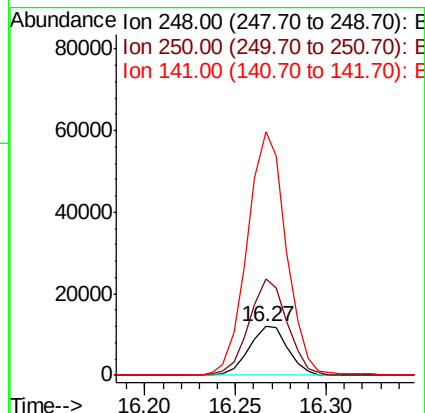
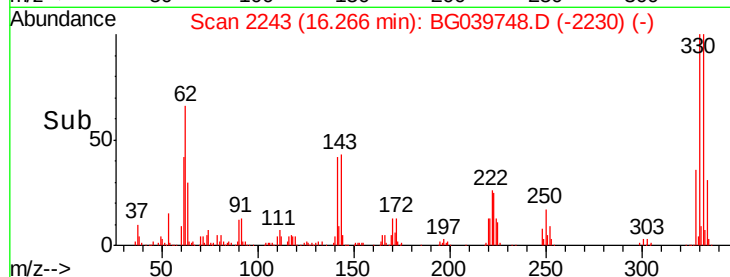
141 499.3 63.9 95.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Pentachlorophenol

Concen: 0.034 ng

RT: 17.48 min Scan# 2449

Delta R.T. 0.31 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

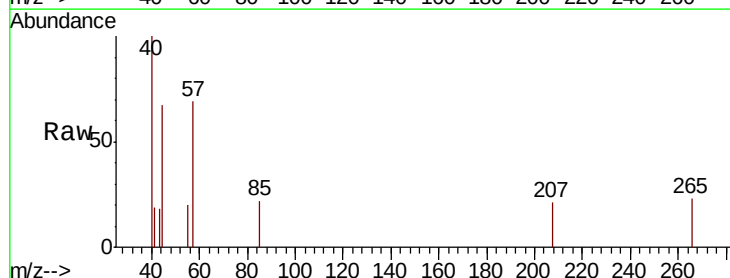
Tgt Ion:266 Resp: 81

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

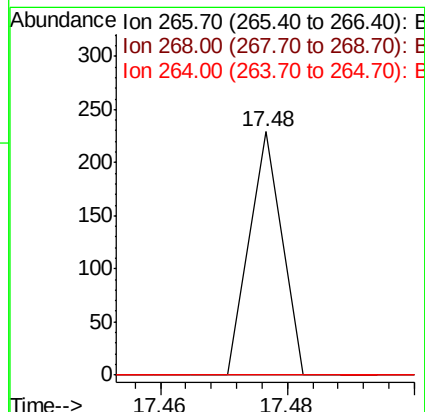
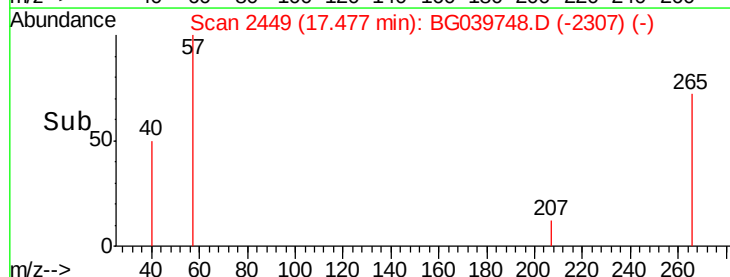
264 0.0 52.1 78.1#

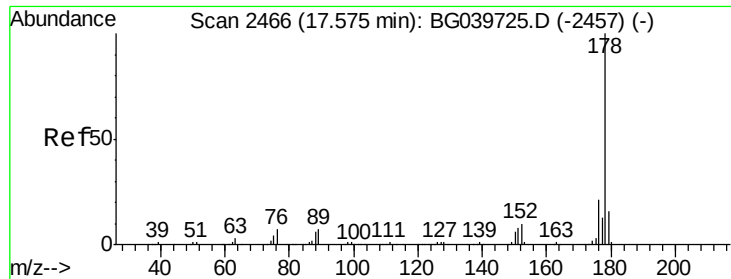


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

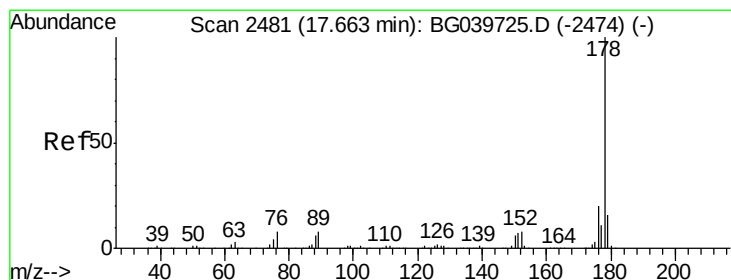
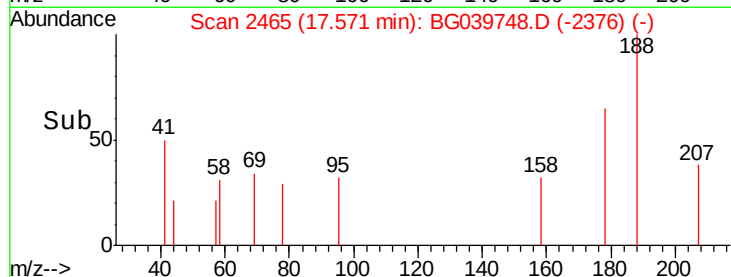
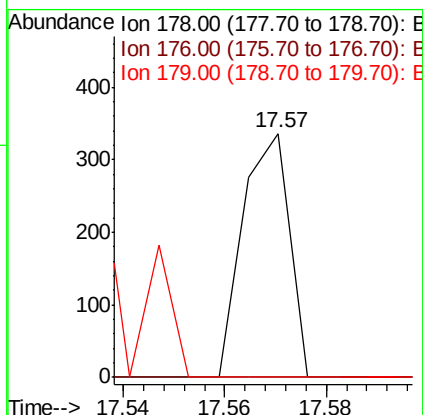
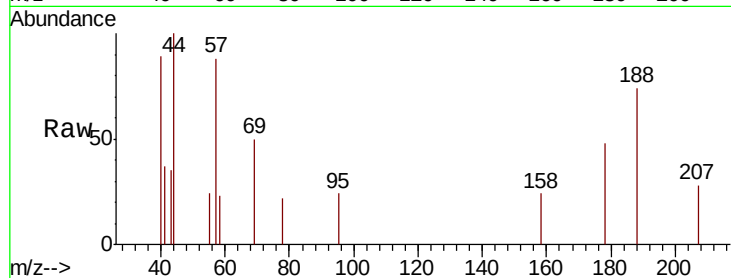




#71
Phenanthrene
Concen: 0.012 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

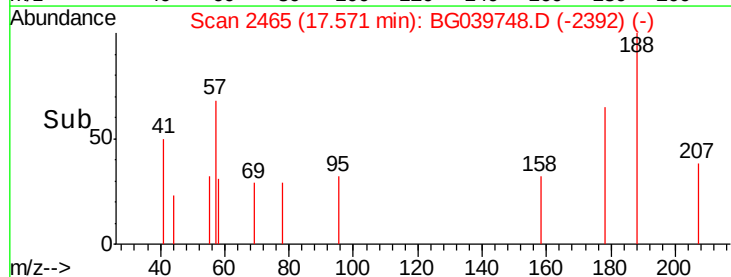
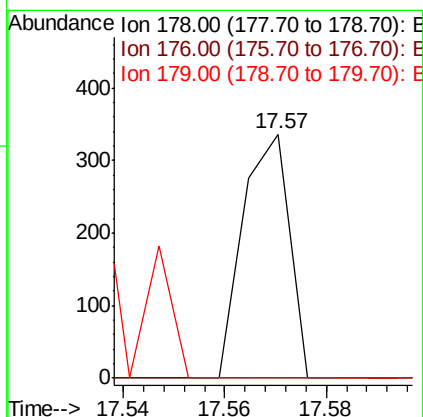
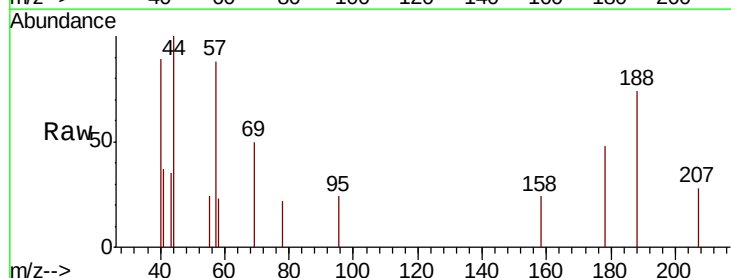
Instrument :
BNA_G
ClientSampleId :
SB-C-2-5

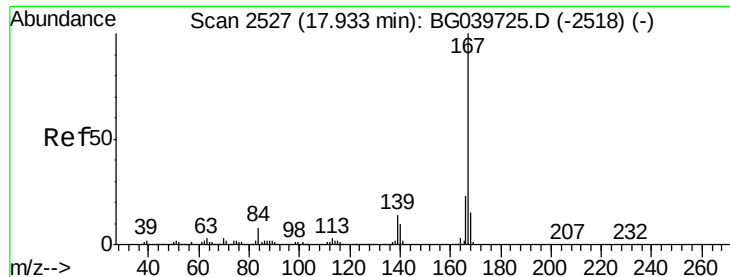
Tgt Ion:178 Resp: 216
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 12.6 19.0#



#72
Anthracene
Concen: 0.012 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.10 min
Lab File: BG039748.D
Acq: 5 Mar 2019 2:01

Tgt Ion:178 Resp: 216
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#





#73

Carbazole

Concen: 0.003 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.40 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampled :

SB-C-2-5

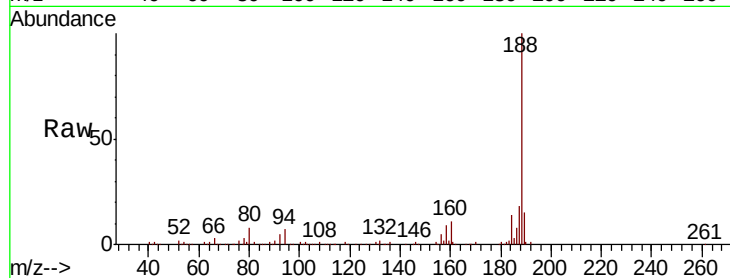
Tgt Ion:167 Resp: 55

Ion Ratio Lower Upper

167 100

166 136.1 19.4 29.2#

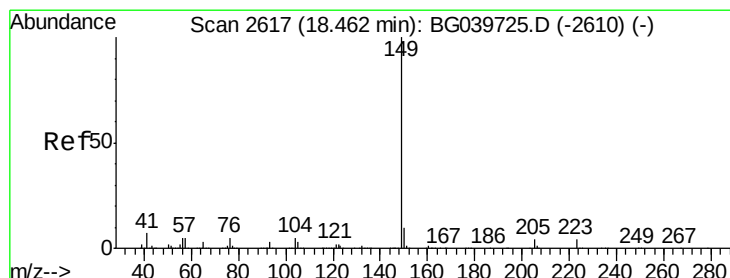
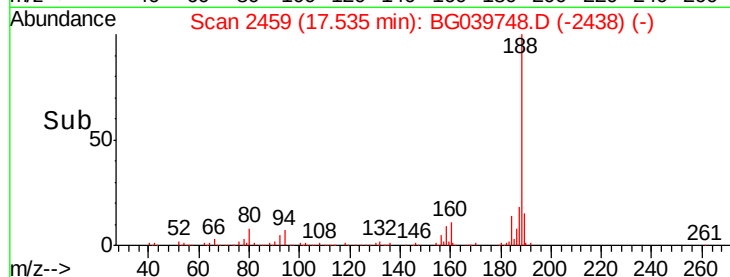
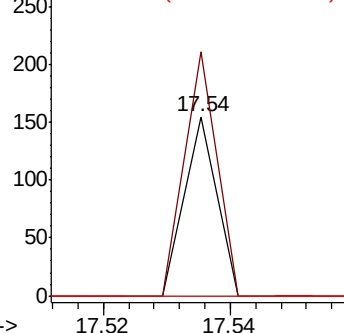
139 0.0 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.118 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

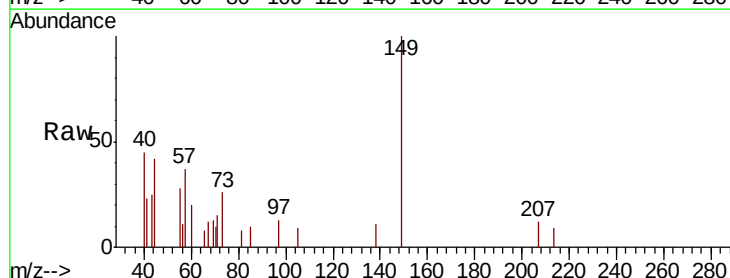
Tgt Ion:149 Resp: 2207

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

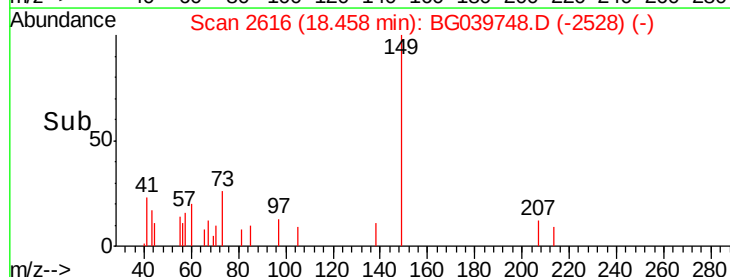
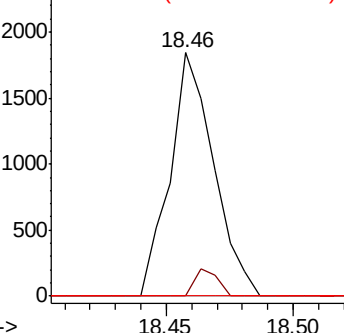
104 0.0 4.5 6.7#

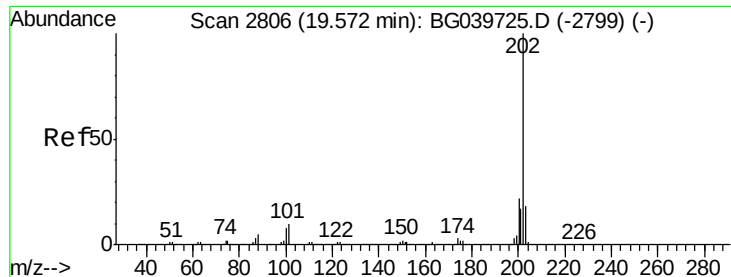


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.003 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

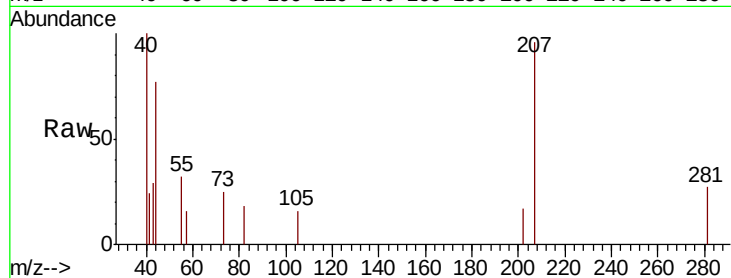
Instrument :

BNA_G

ClientSampled :

SB-C-2-5

Tgt Ion:	202	Resp:	57
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	0.0	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

19.57

150

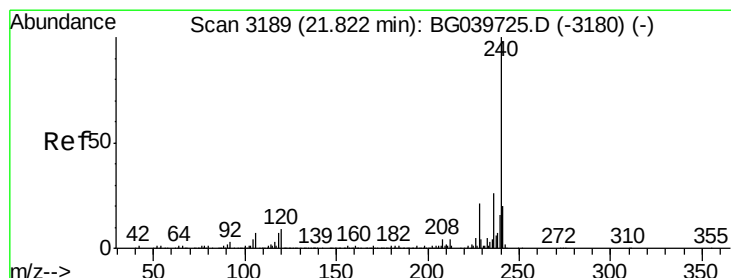
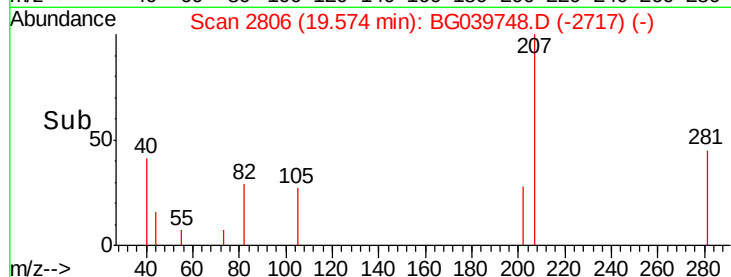
100

50

0

19.56 19.58

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

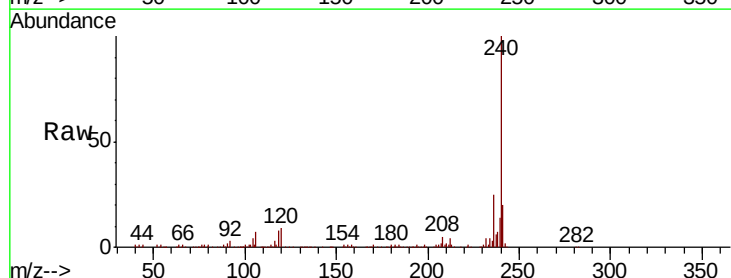
RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Tgt Ion:	240	Resp:	335952
Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	24.9	21.0	31.4



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

21.81

250000

200000

150000

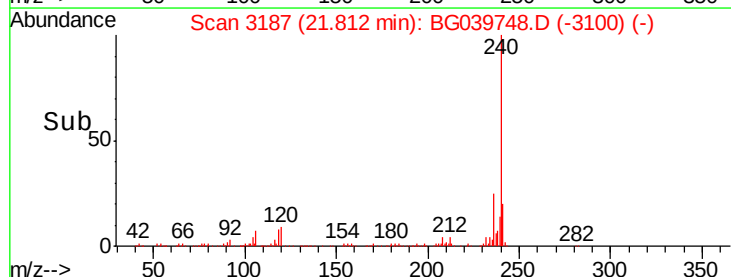
100000

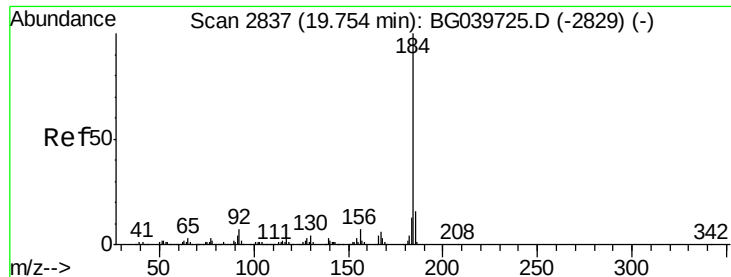
50000

0

21.70 21.80 21.90

Time-->





#77

Benzidine

Concen: 2.118 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.37 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

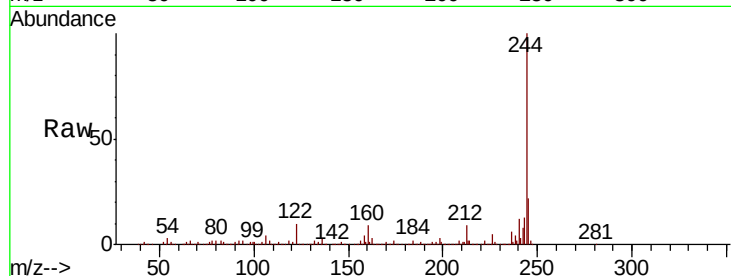
Tgt Ion:184 Resp: 22581

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

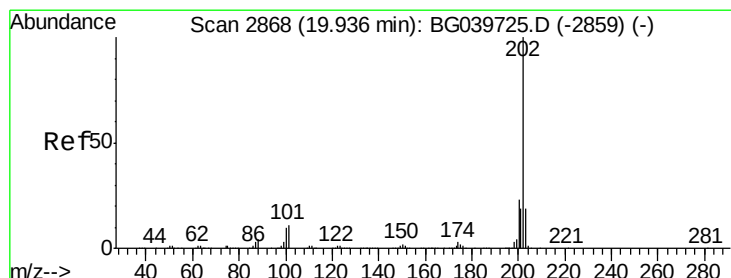
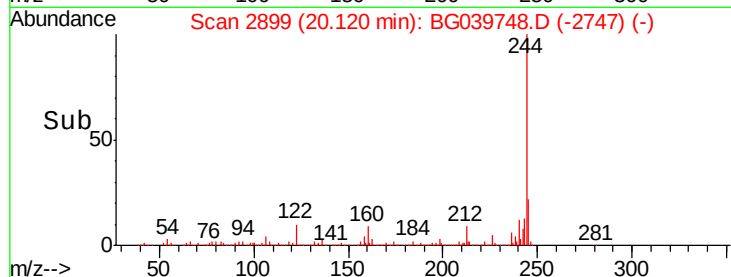
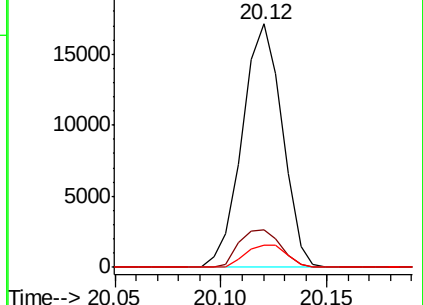
183 9.2 10.6 15.8#



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: 0.242 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.18 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

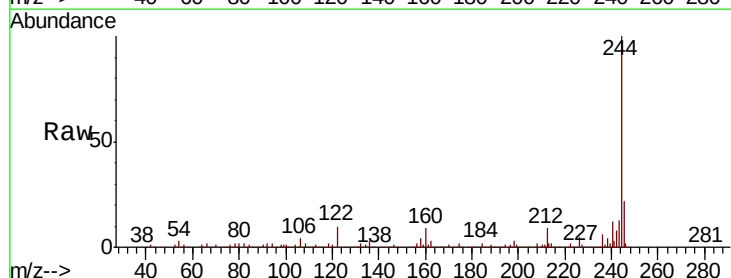
Tgt Ion:202 Resp: 5290

Ion Ratio Lower Upper

202 100

200 42.9 17.8 26.8#

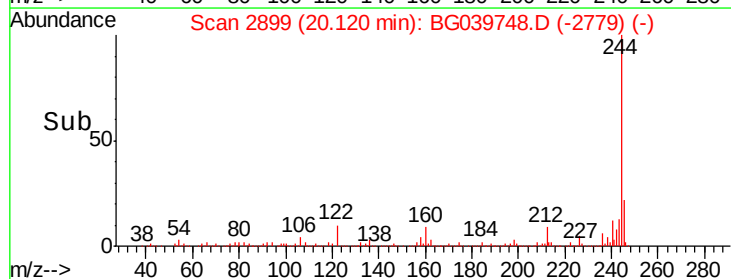
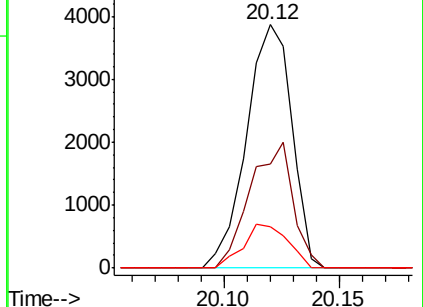
203 17.0 15.3 22.9

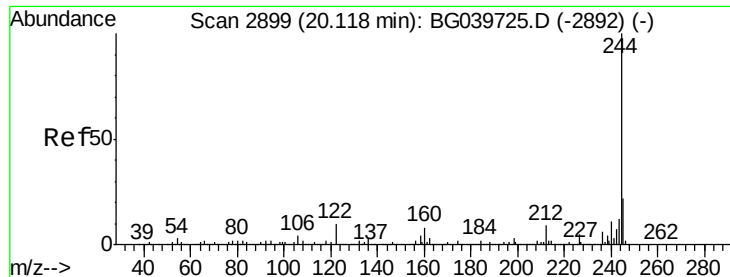


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.614 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

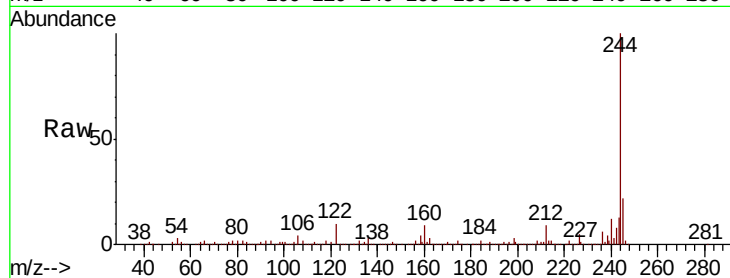
Tgt Ion:244 Resp: 1291048

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

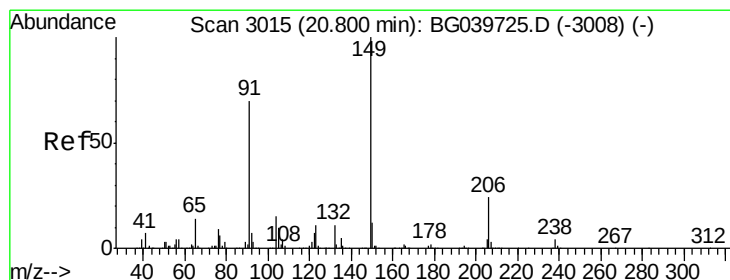
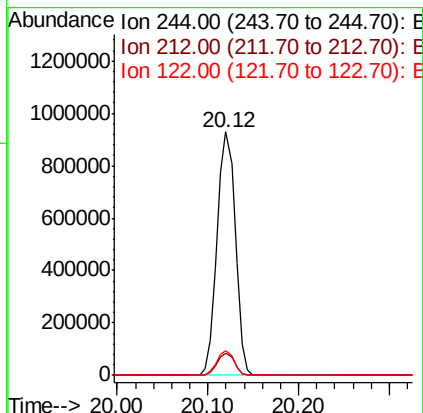
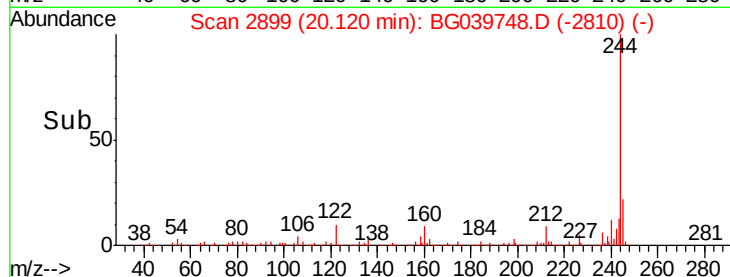
122 10.3 8.4 12.6



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: 0.008 ng

RT: 21.03 min Scan# 3054

Delta R.T. 0.22 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

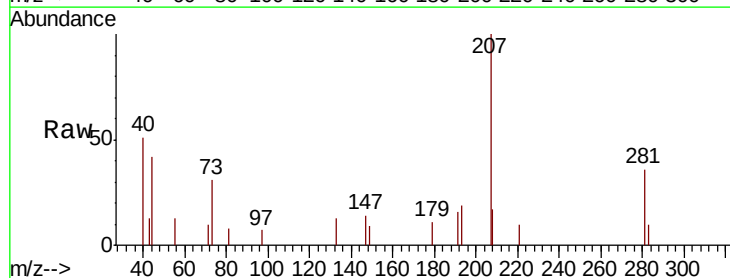
Tgt Ion:149 Resp: 66

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

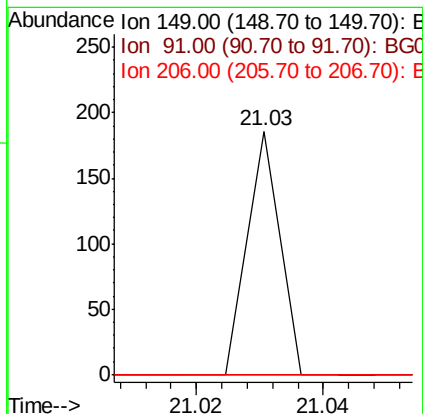
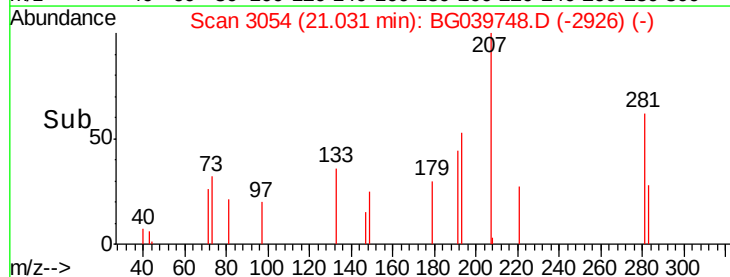
206 0.0 18.6 27.8#

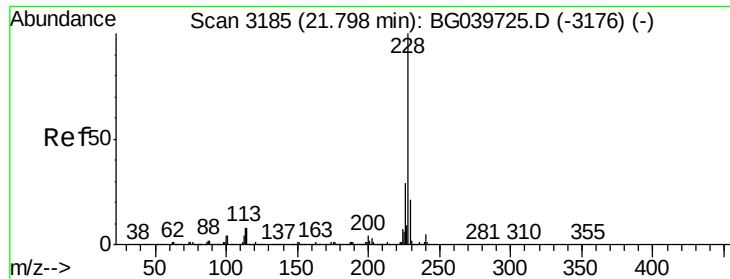


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.061 ng

RT: 21.82 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

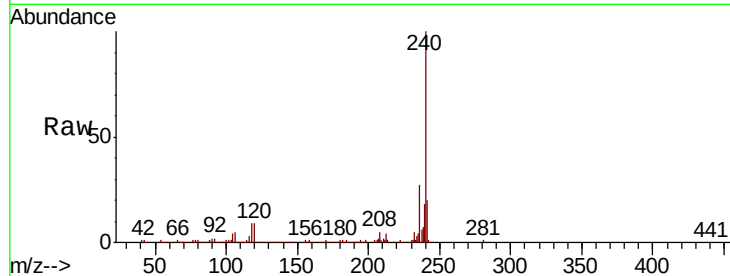
Tgt Ion:228 Resp: 1279

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

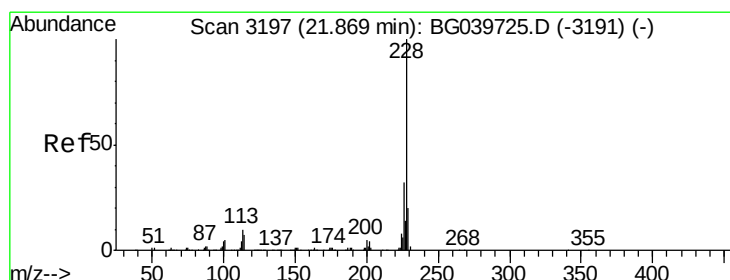
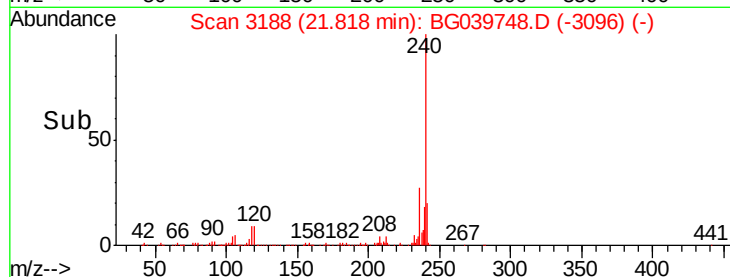
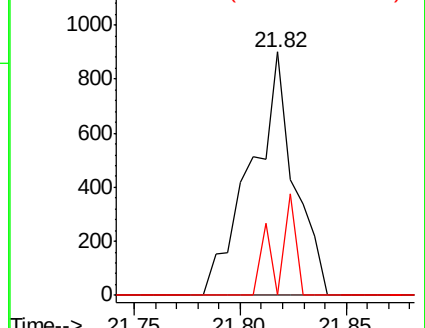
229 0.0 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 0.063 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.06 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

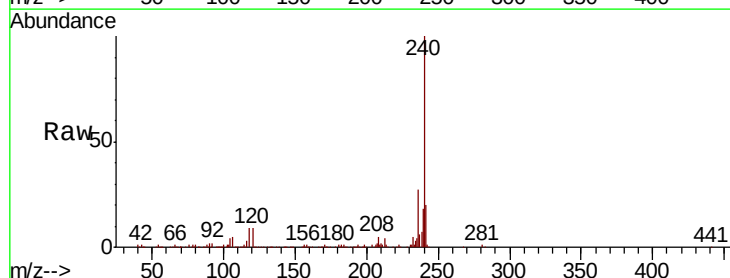
Tgt Ion:228 Resp: 1279

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

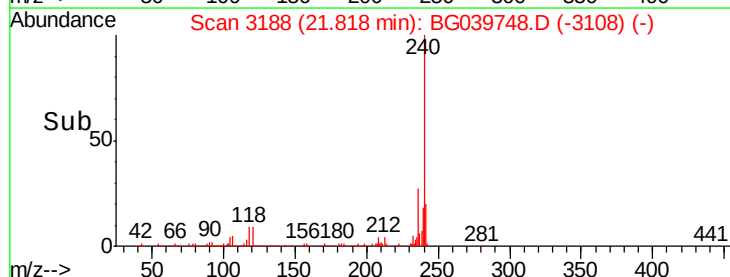
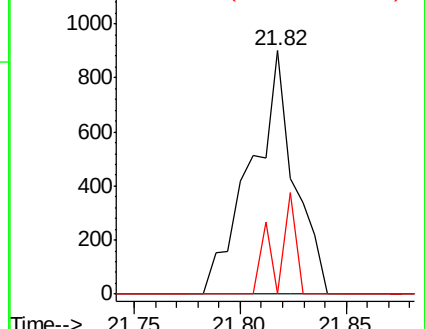
229 0.0 16.6 25.0#

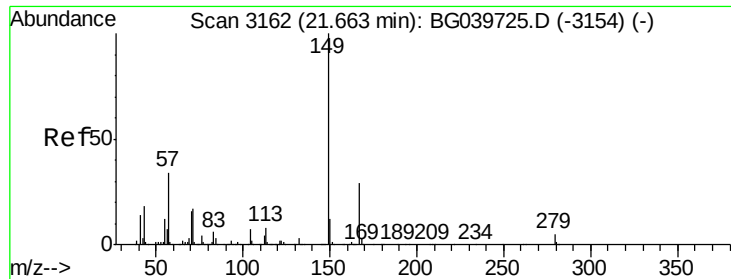


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.069 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

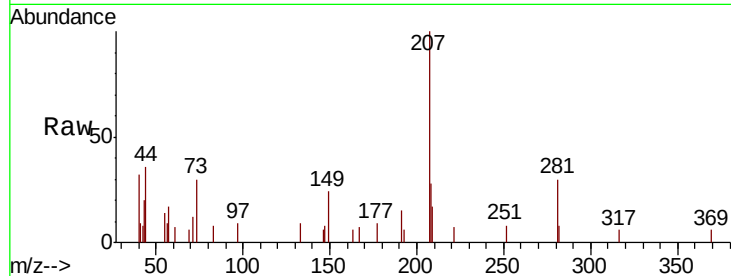
Tgt Ion:149 Resp: 821

Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

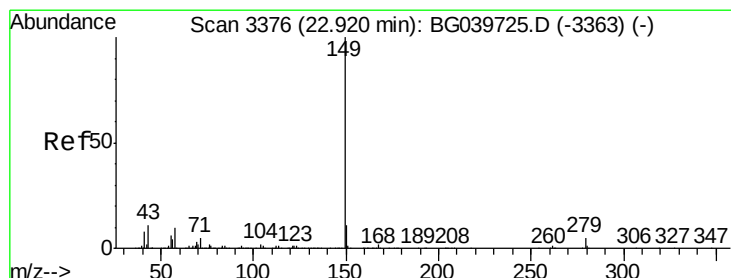
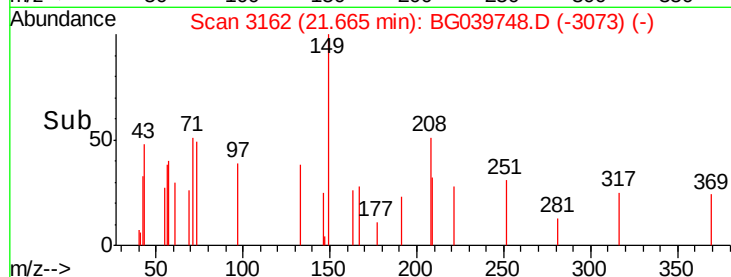
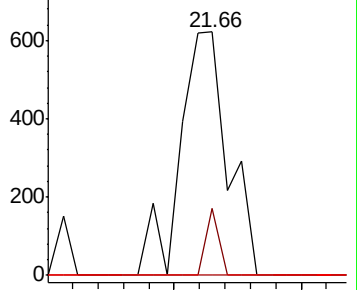
279 0.0 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.92 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

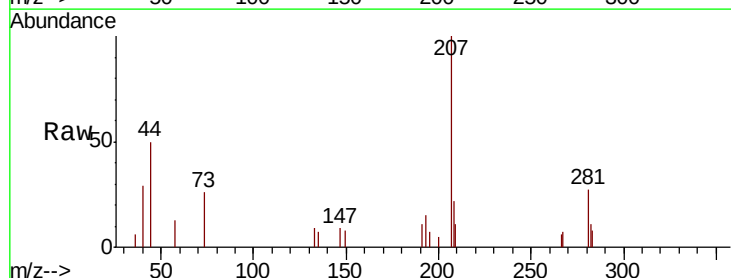
Tgt Ion:149 Resp: 78

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

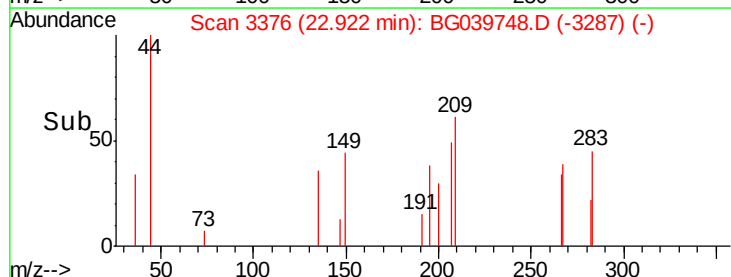
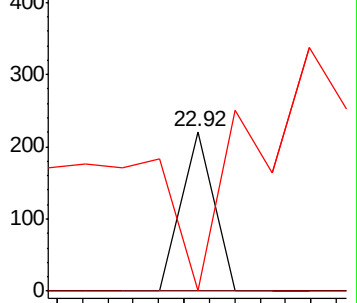
43 828.2 10.2 15.4#

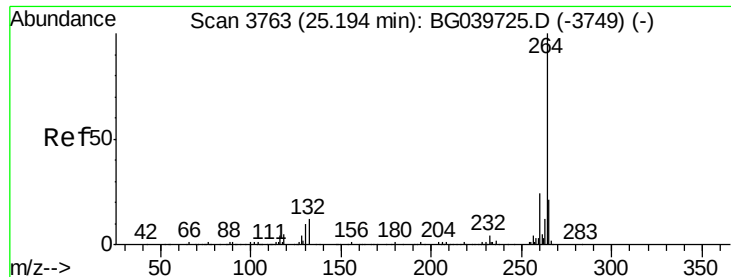


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

SB-C-2-5

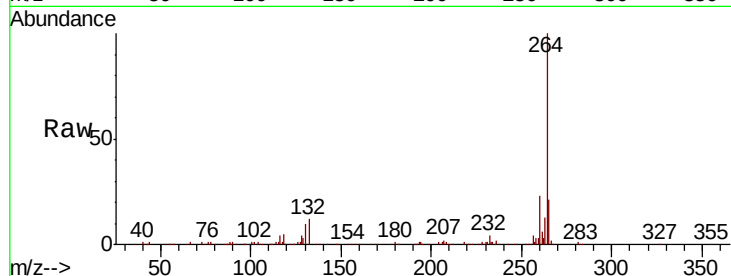
Tgt Ion:264 Resp: 339890

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.8 18.5 27.7

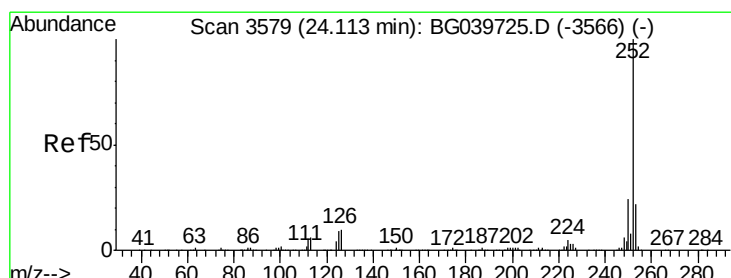
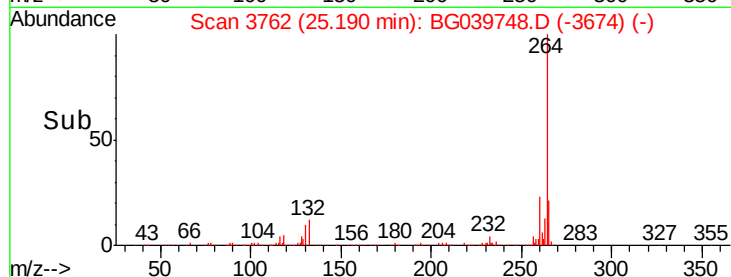
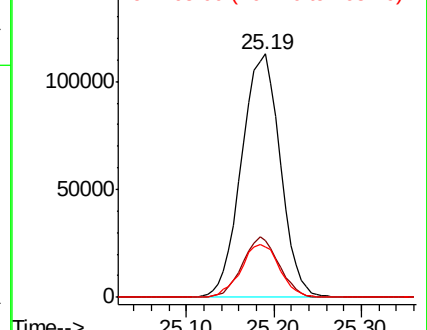


Abundance

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: 0.003 ng

RT: 24.14 min Scan# 3583

Delta R.T. 0.02 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

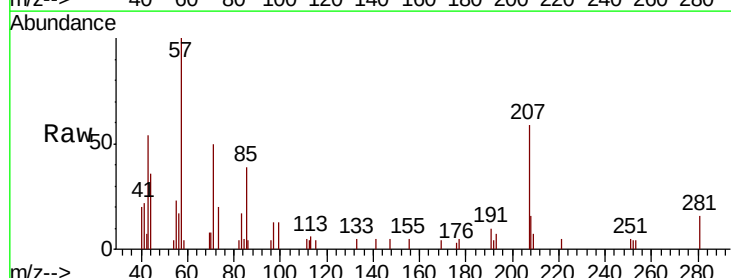
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 113.7 17.8 26.8#

125 0.0 7.8 11.6#

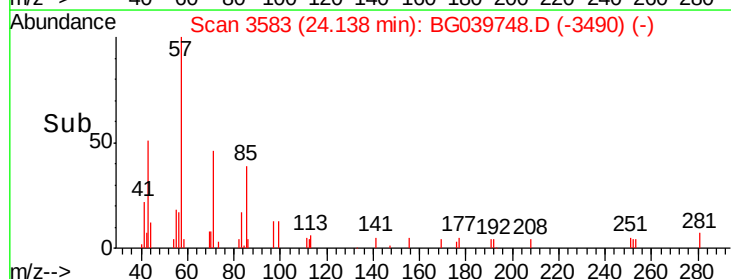
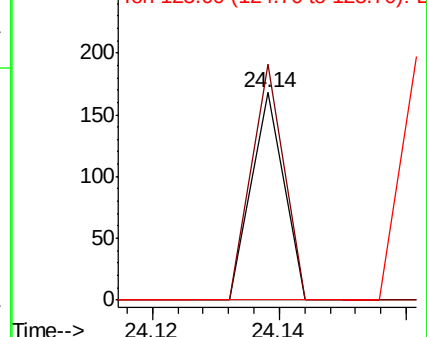


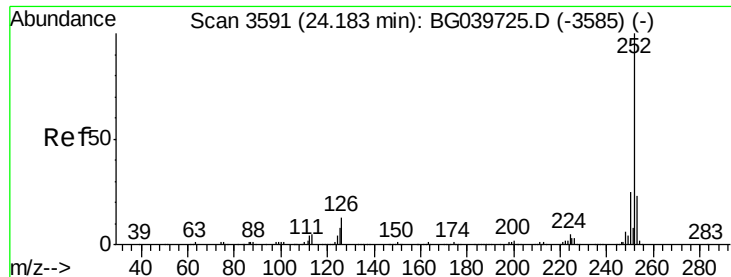
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.14 min Scan# 3583

Delta R.T. -0.05 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

Instrument :

BNA_G

ClientSampled :

SB-C-2-5

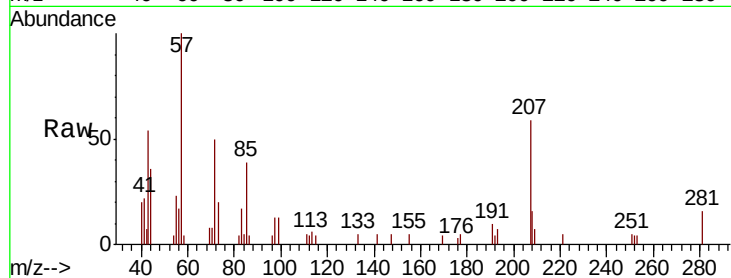
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 113.7 18.2 27.2#

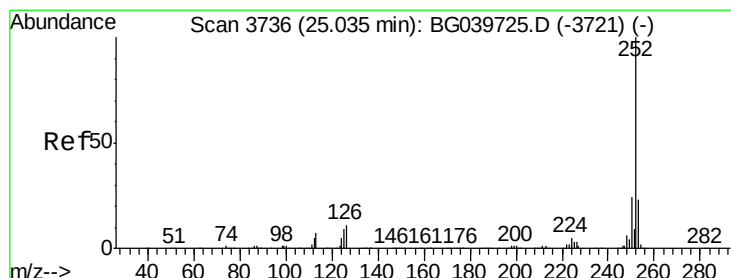
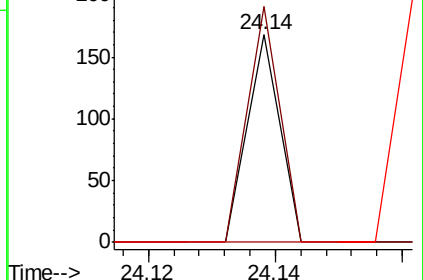
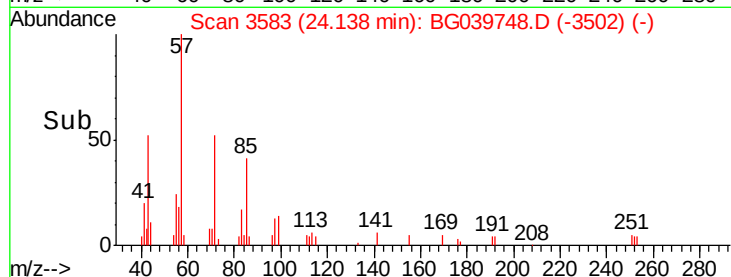
125 0.0 7.4 11.2#



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: 0.053 ng

RT: 25.17 min Scan# 3759

Delta R.T. 0.13 min

Lab File: BG039748.D

Acq: 5 Mar 2019 2:01

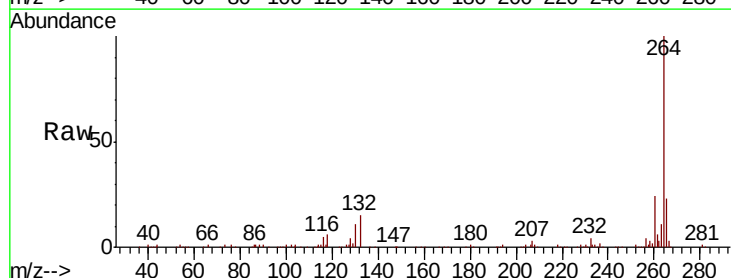
Tgt Ion:252 Resp: 994

Ion Ratio Lower Upper

252 100

253 50.5 17.9 26.9#

125 0.0 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

