

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
 Data File : BG039509.D
 Acq On : 14 Feb 2019 15:33
 Operator : JU/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Feb 15 03:09:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.18
21) Naphthalene-d8	10.99	136	55	20.00	ng	-0.02
39) Acenaphthene-d10	15.11	164	60	20.00	ng	0.30
64) Phenanthrene-d10	17.94	188	503	20.00	ng	0.38
76) Chrysene-d12	22.51	240	62	20.00	ng	0.66
87) Perylene-d12	25.75	264	55	20.00	ng	0.50

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	58	0.00	ng	-0.45
7) Phenol-d6	7.31	99	130	0.00	ng	0.00
23) Nitrobenzene-d5	9.12	82	56	63.61	ng	-0.24
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.43	172	180	43.04	ng	0.00
79) Terphenyl-d14	20.87	244	58	19.80	ng	0.72

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Acetophenone	9.00	105	53	35.874	ng	# 44
24) Nitrobenzene	8.91	77	58	60.981	ng	# 41
25) Isophorone	9.90	82	121	62.021	ng	# 67
26) 2-Nitrophenol	10.23	139	57	109.691	ng	# 31
31) Naphthalene	11.05	128	59	21.623	ng	# 69
36) 4-Chloro-3-methylphenol	12.30	107	61	61.150	ng	# 21
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	87	45.573	ng	# 26
46) 1,1'-Biphenyl	13.63	154	63	12.620	ng	# 41
47) 2-Chloronaphthalene	13.69	162	53	14.113	ng	# 39
49) Acenaphthylene	14.86	152	69	12.176	ng	# 2
50) Dimethylphthalate	14.29	163	67	13.826	ng	# 76
51) 2,6-Dinitrotoluene	14.27	165	53	57.083	ng	# 22
55) Dibenzofuran	15.42	168	134	22.721	ng	# 45
56) 4-Nitrophenol	15.18	139	65	74.608	ng	# 1
57) 2,4-Dinitrotoluene	15.84	165	63	53.278	ng	# 17
58) Fluorene	15.90	166	62	14.102	ng	# 9
59) 2,3,4,6-Tetrachlorophenol	15.41	232	795	690.189	ng	# 67
60) Diethylphthalate	15.59	149	650	129.734	ng	# 58
61) 4-Chlorophenyl-phenylether	15.83	204	92	36.956	ng	# 27
62) 4-Nitroaniline	16.21	138	55	53.589	ng	# 10
63) Azobenzene	16.59	77	62	12.661	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.13	198	58	33.668	ng	# 32
66) n-Nitrosodiphenylamine	16.04	169	88	5.754	ng	# 23
69) Atrazine	17.18	200	16619	2973.391	ng	# 35
70) Pentachlorophenol	17.18	266	82505	21203.212	ng	# 96
71) Phenanthrene	17.93	178	283	10.870	ng	# 1
72) Anthracene	17.93	178	283	11.036	ng	# 1
73) Carbazole	17.93	167	5389	210.576	ng	# 84
74) Di-n-butylphthalate	18.93	149	62	2.077	ng	# 77
75) Fluoranthene	19.94	202	607	20.088	ng	# 73
77) Benzidine	20.38	184	401	197.274	ng	# 65
78) Pyrene	20.54	202	651	168.667	ng	# 1
80) Butylbenzylphthalate	21.48	149	378	232.165	ng	# 56
81) Benzo(a)anthracene	22.80	228	57	15.559	ng	# 50

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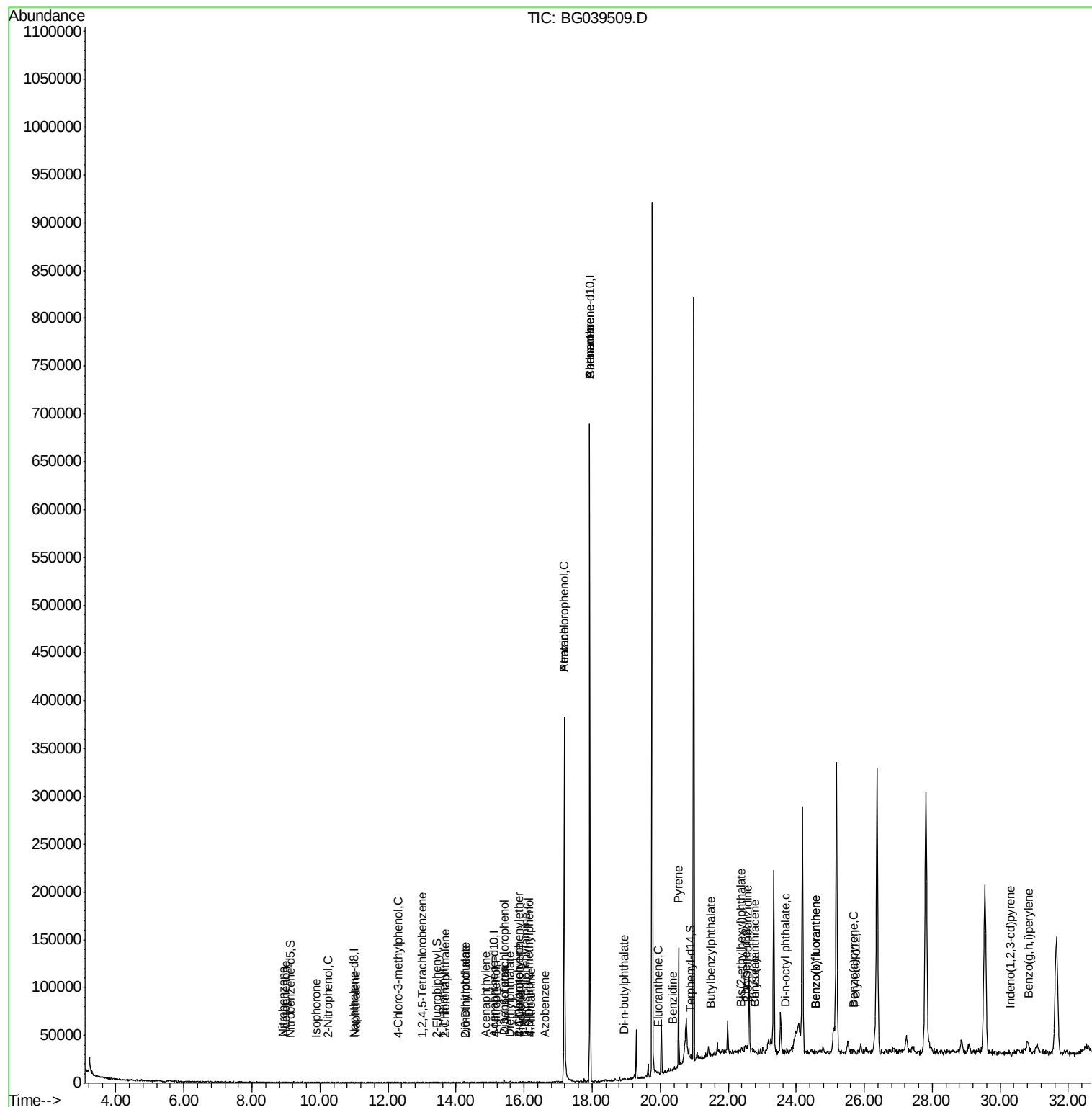
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	22.57	252	131	96.436	ng	# 2
83) Chrysene	22.80	228	57	16.344	ng	# 48
84) Bis(2-ethylhexyl)phthalate	22.36	149	860	370.245	ng	# 69
85) Di-n-octyl phthalate	23.68	149	213	55.505	ng	# 63
86) Indeno(1,2,3-cd)pyrene	30.31	276	153	40.890	ng	# 51
88) Benzo(b)fluoranthene	24.57	252	67	22.337	ng	# 60
89) Benzo(k)fluoranthene	24.57	252	67	22.249	ng	# 59
90) Benzo(a)pyrene	25.69	252	61	21.117	ng	# 59
92) Benzo(g,h,i)perylene	30.83	276	73	27.073	ng	# 54

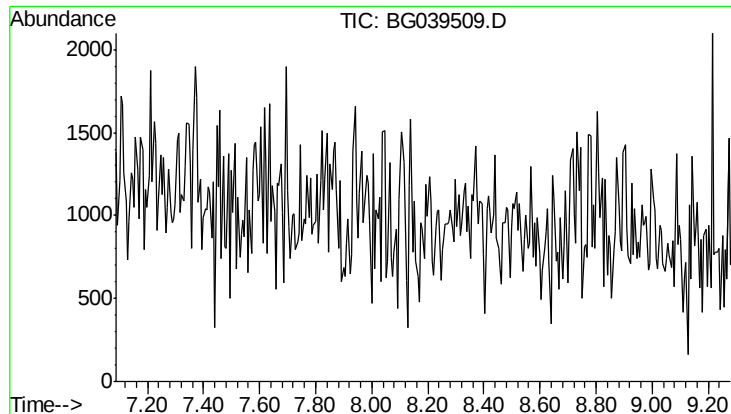
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 8.18 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

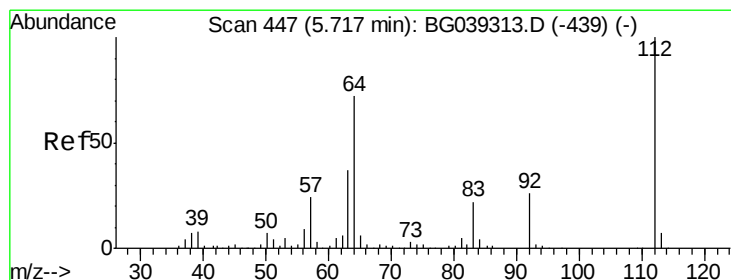
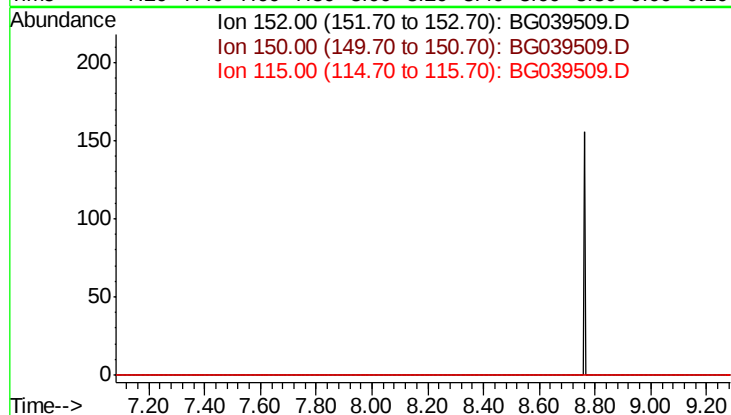
Tgt Ion: 152

Sig Exp Ratio

152 100

150 154.6

115 57.4



#5

2-Fluorophenol

Concen: 0.000 ng

RT: 5.27 min Scan# 371

Delta R.T. -0.45 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

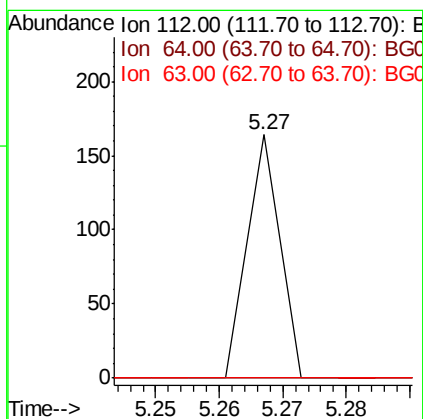
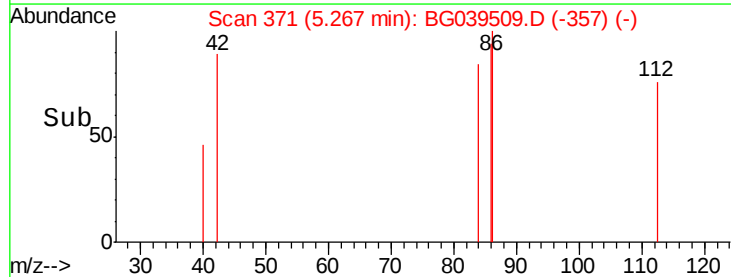
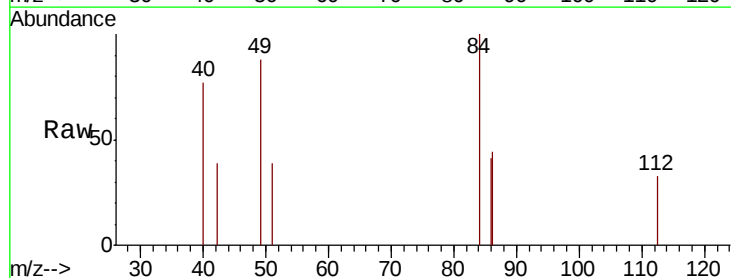
Tgt Ion: 112 Resp: 58

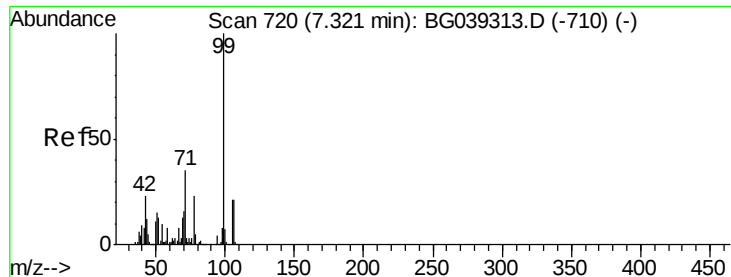
Ion Ratio Lower Upper

112 100

64 0.0 57.8 86.8#

63 0.0 29.8 44.6#





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampled :

DFTPP

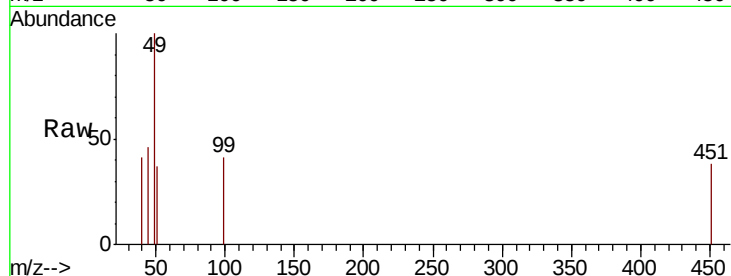
Tgt Ion: 99 Resp: 130

Ion Ratio Lower Upper

99 100

42 0.0 18.2 27.2#

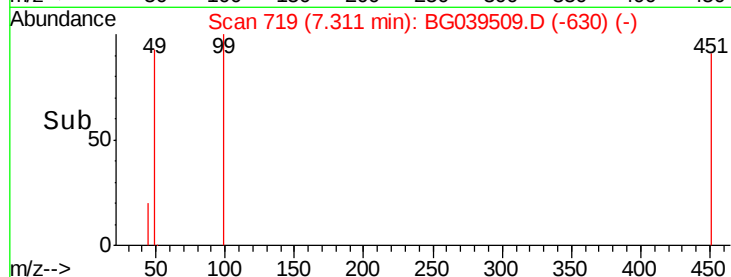
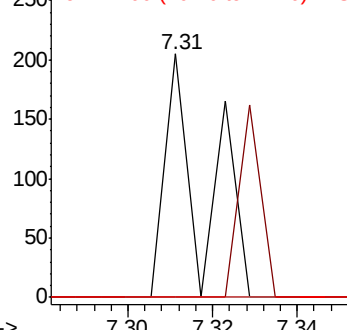
71 0.0 28.0 42.0#



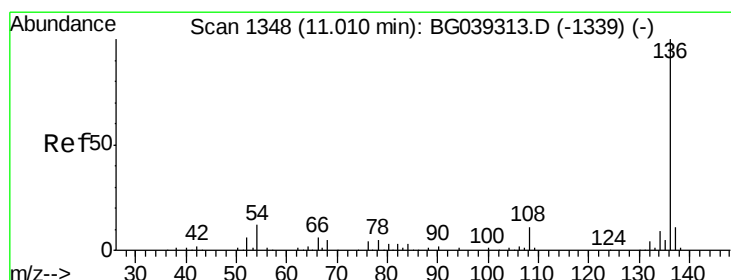
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Tgt Ion: 136 Resp: 55

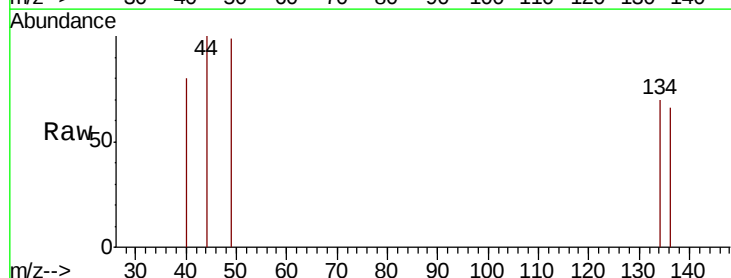
Ion Ratio Lower Upper

136 100

137 0.0 9.1 13.7#

54 0.0 9.4 14.2#

68 0.0 4.2 6.4#

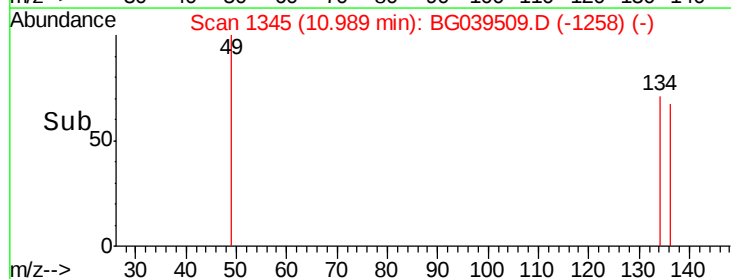
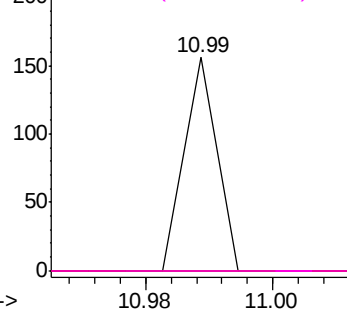


Abundance Ion 136.00 (135.70 to 136.70): BGC

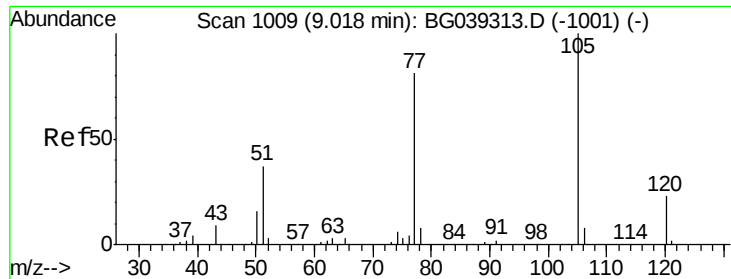
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 35.874 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion: 105 Resp: 53

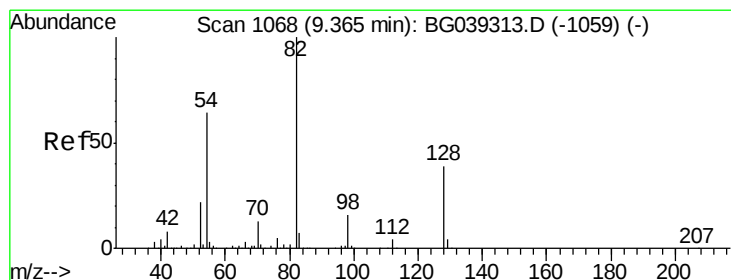
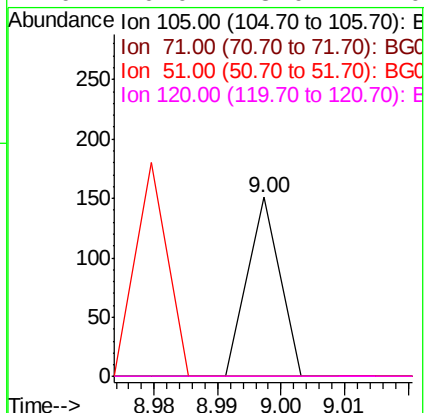
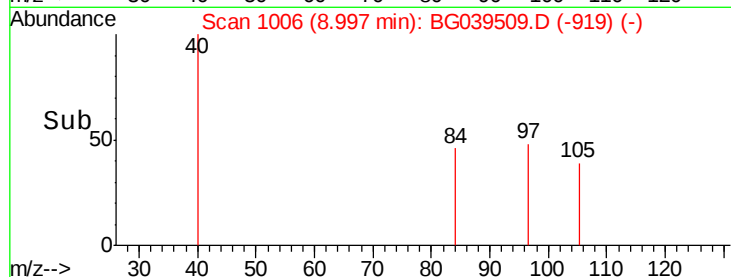
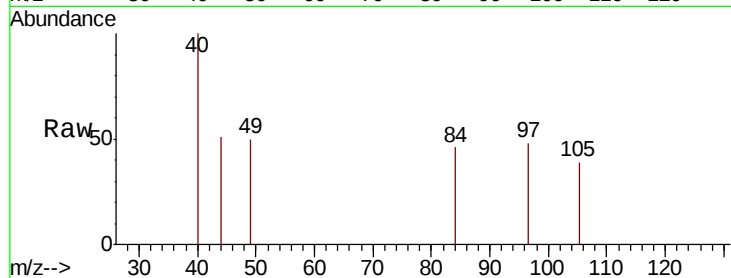
Ion Ratio Lower Upper

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: 63.607 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.24 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

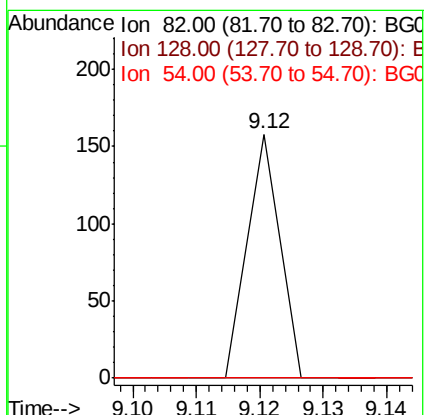
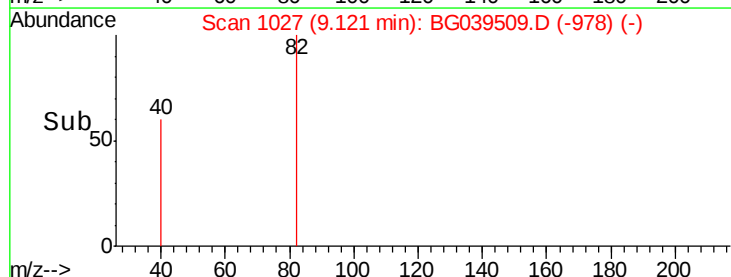
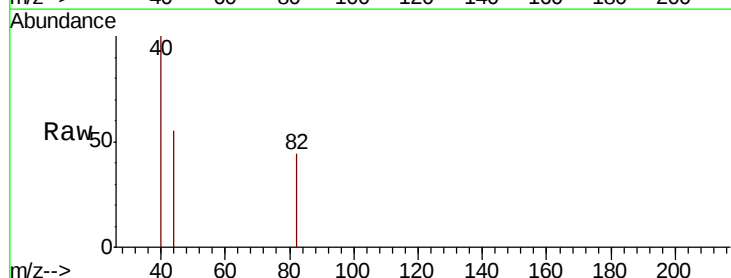
Tgt Ion: 82 Resp: 56

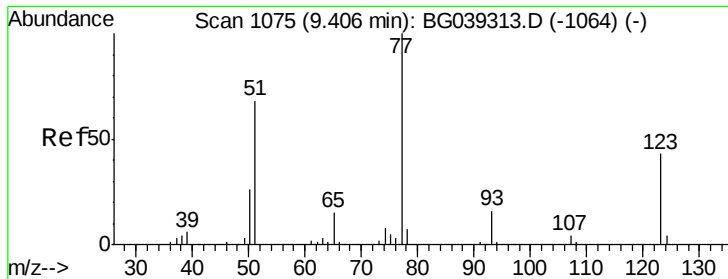
Ion Ratio Lower Upper

82 100

128 0.0 31.3 46.9#

54 0.0 50.9 76.3#

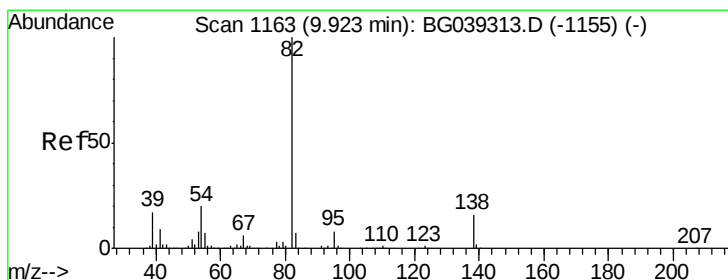
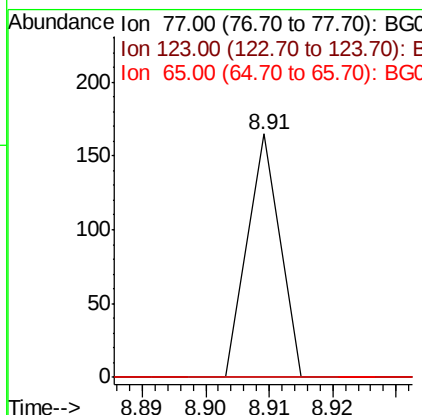
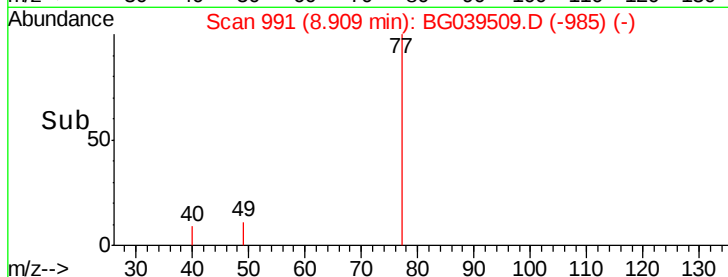
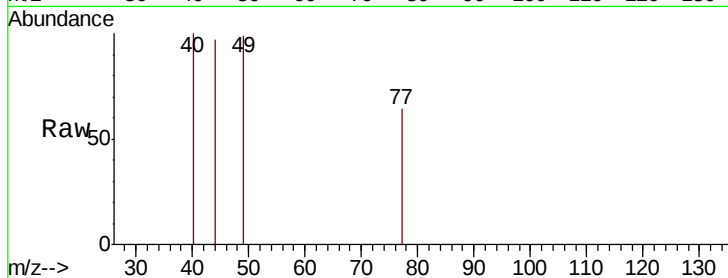




#24
 Nitrobenzene
 Concen: 60.981 ng
 RT: 8.91 min Scan# 991
 Delta R.T. -0.50 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

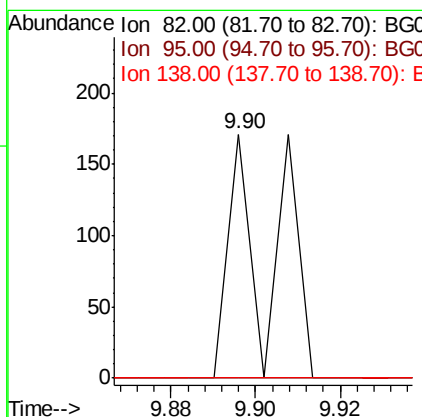
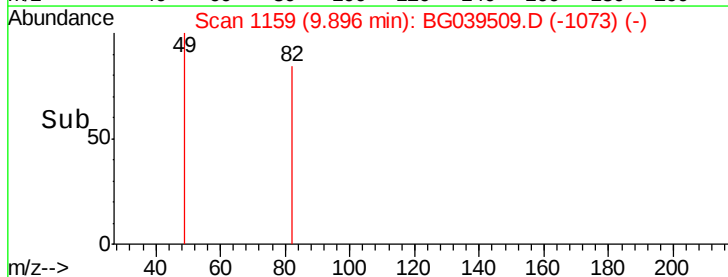
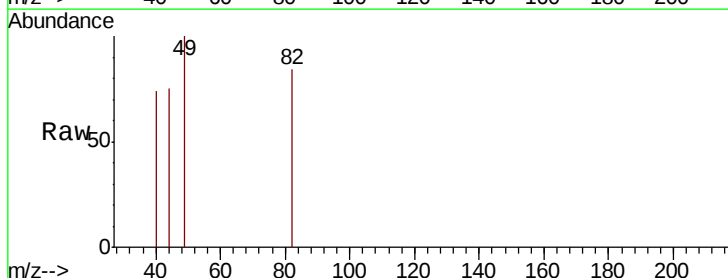
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 ClientSampleId :
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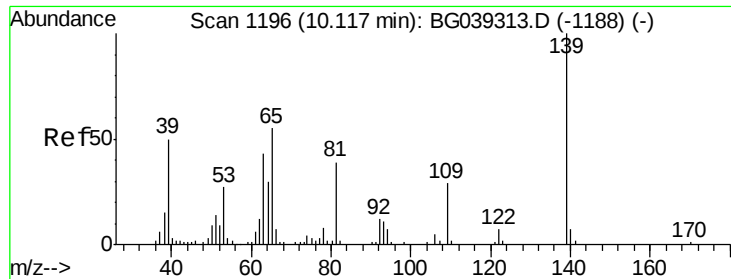
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	0.0	12.3	18.5#



#25
 Isophorone
 Concen: 62.021 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	13.0	19.4#

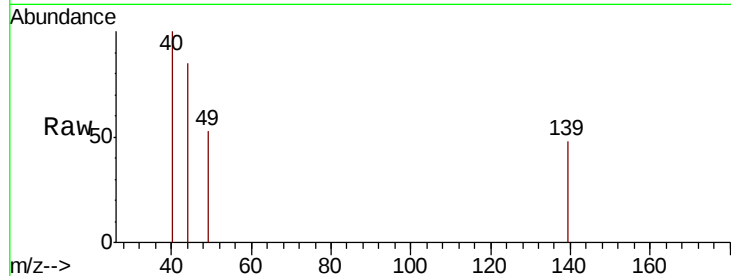




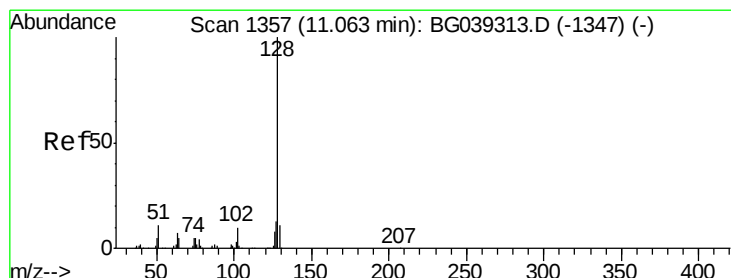
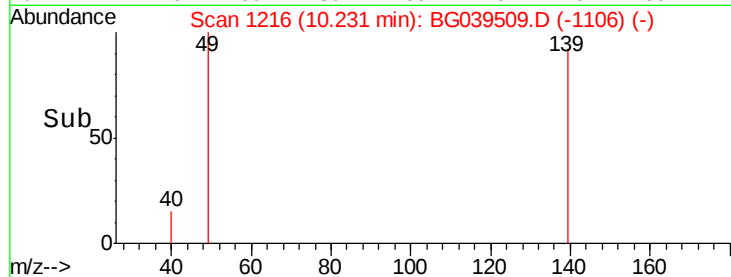
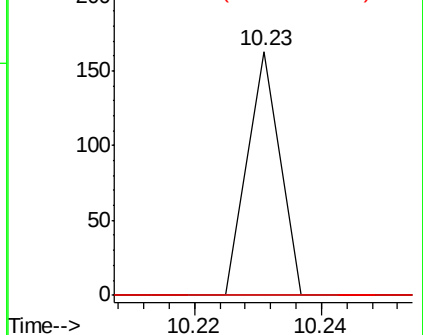
#26
 2-Nitrophenol
 Concen: 109.691 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. 0.11 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.4	35.0#
65	0.0	44.3	66.5#

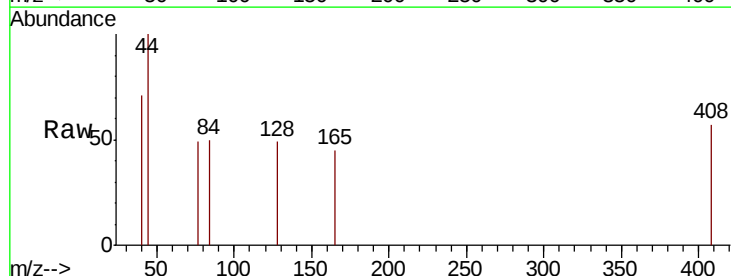


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BGC

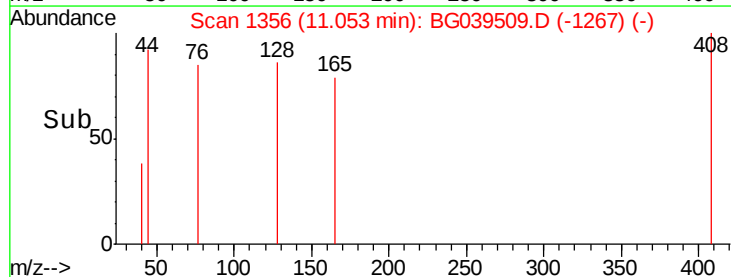
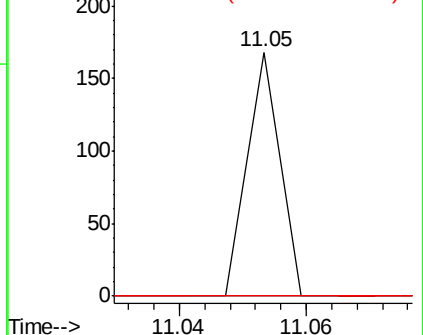


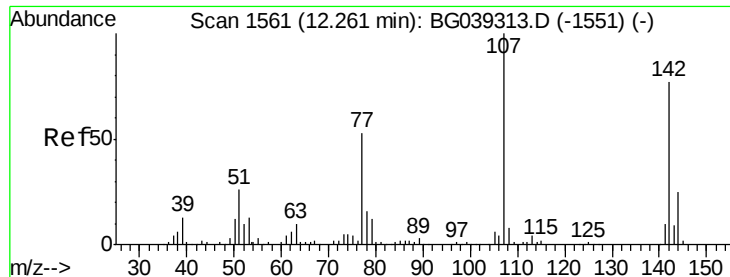
#31
 Naphthalene
 Concen: 21.623 ng
 RT: 11.05 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.8	16.2#



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

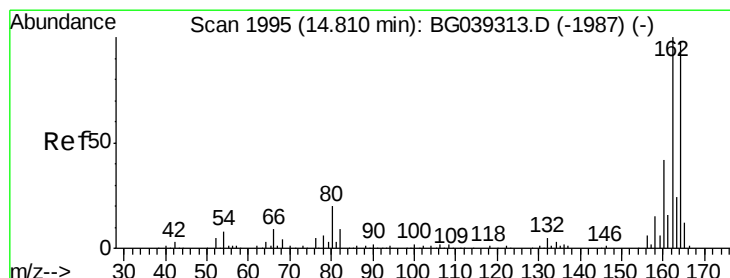
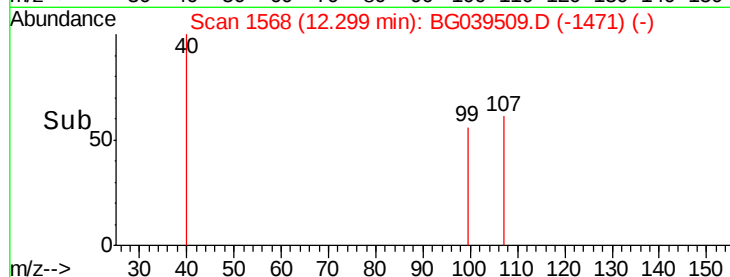
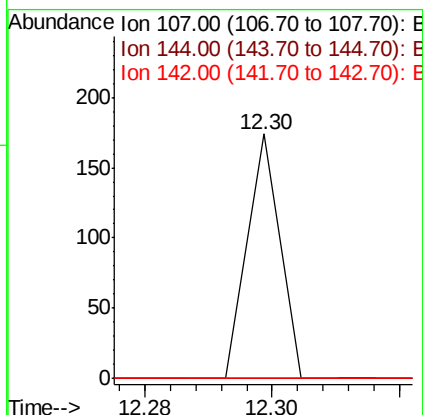
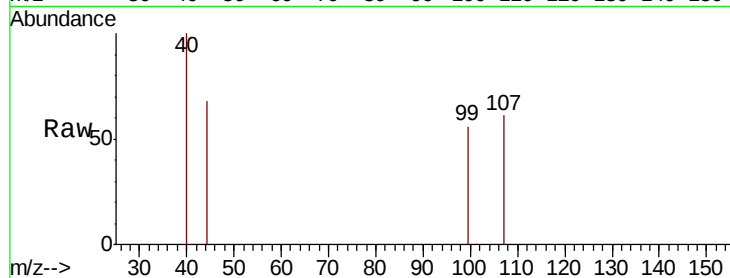




#36
 4-Chloro-3-methylphenol
 Concen: 61.150 ng
 RT: 12.30 min Scan# 1568
 Delta R.T. 0.04 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

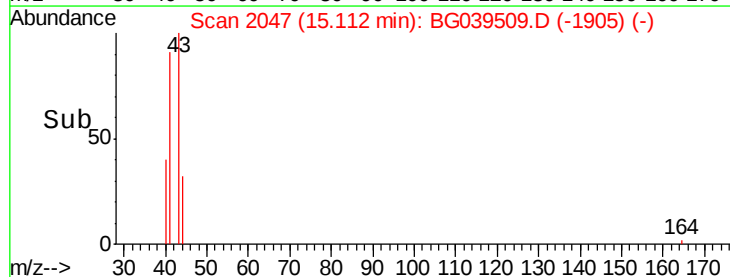
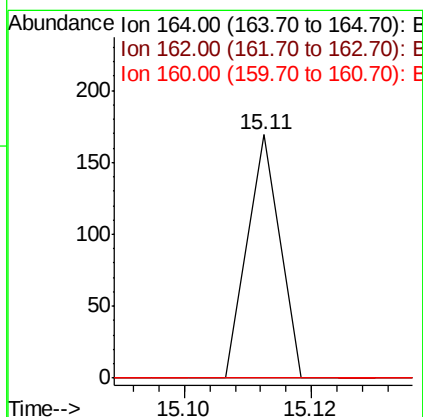
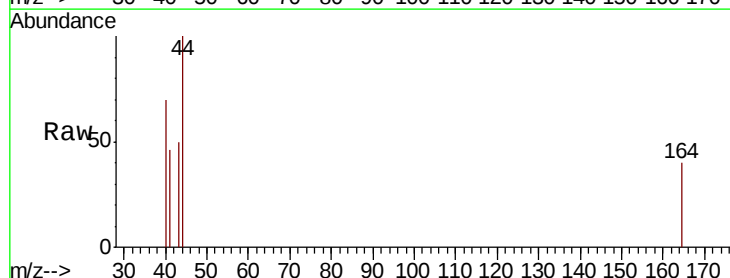
Instrument :
 BNA_G
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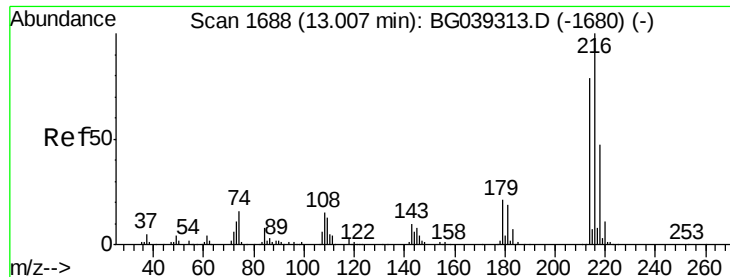
Tgt Ion:107 Resp: 61
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.2 30.2#
 142 0.0 61.4 92.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2047
 Delta R.T. 0.30 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Tgt Ion:164 Resp: 60
 Ion Ratio Lower Upper
 164 100
 162 0.0 81.6 122.4#
 160 0.0 34.2 51.2#





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.573 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion: 216 Resp: 87

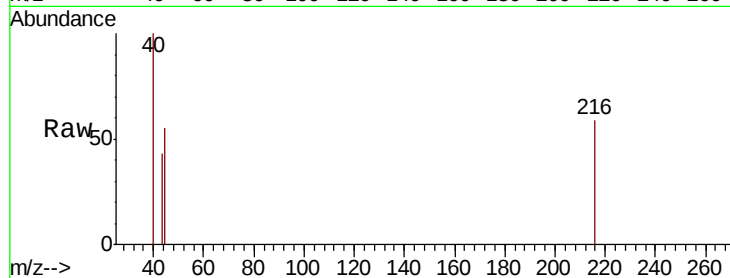
Ion Ratio Lower Upper

216 100

214 0.0 62.6 94.0#

179 0.0 16.6 25.0#

108 0.0 14.0 21.0#

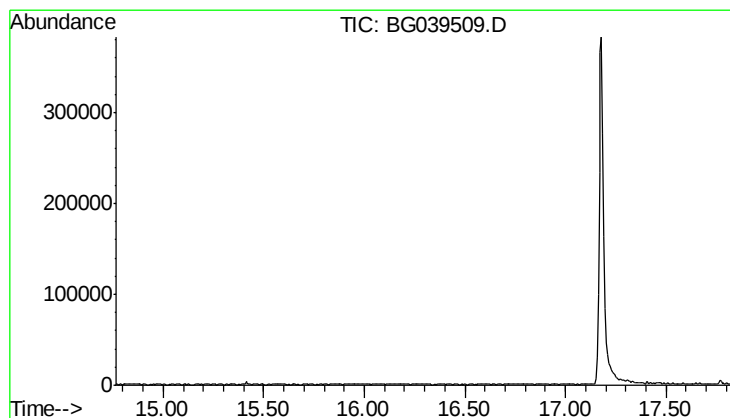
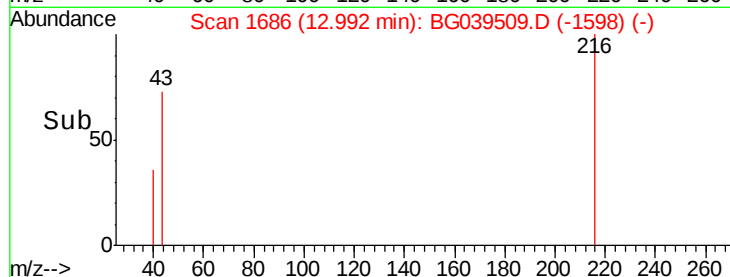
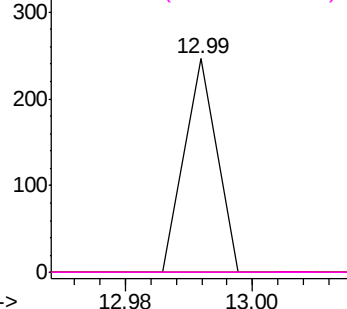


Abundance Ion 216.00 (215.70 to 216.70): E

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



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.29 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

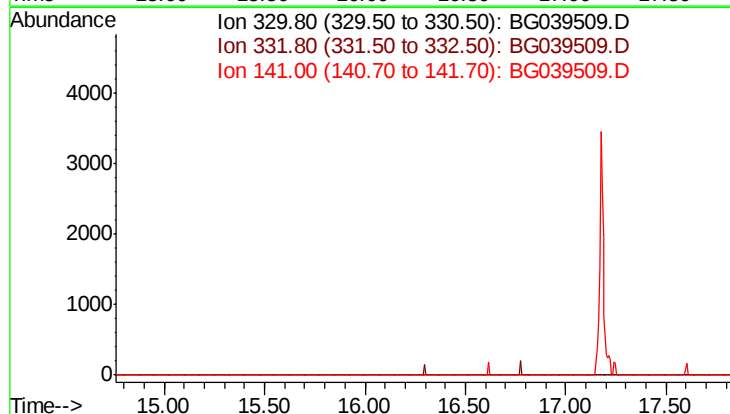
Tgt Ion: 330

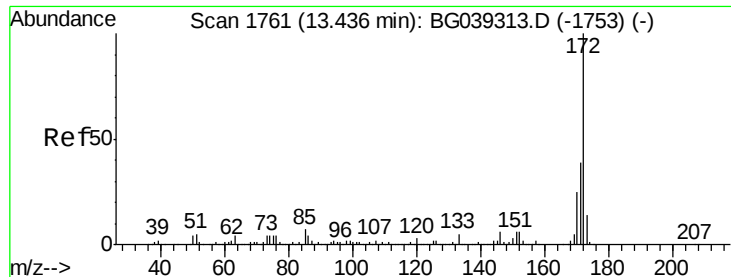
Sig Exp Ratio

330 100

332 94.6

141 44.5

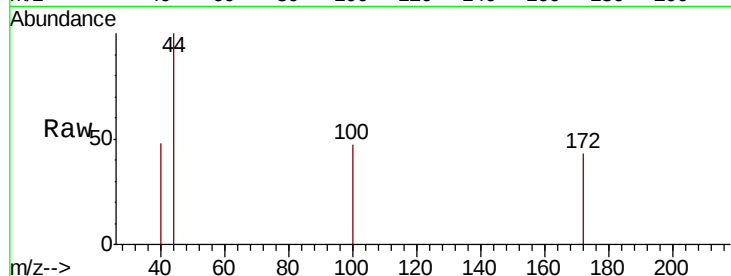




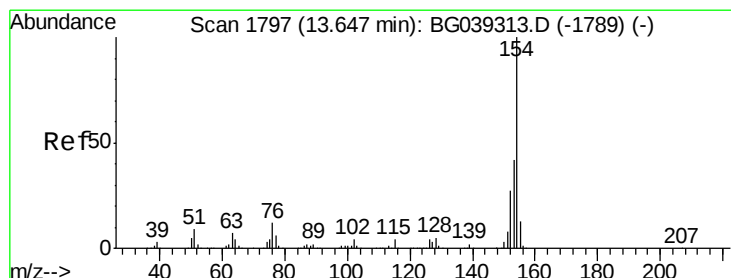
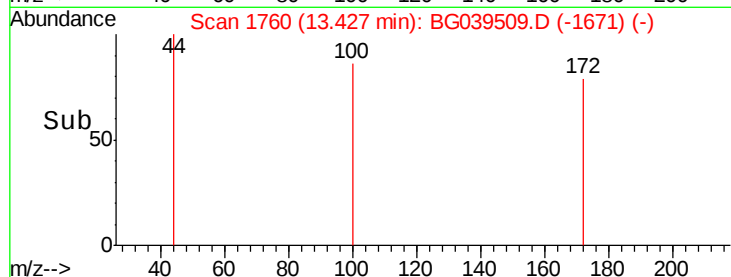
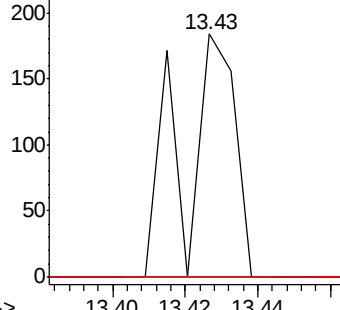
#45
2-Fluorobiphenyl
Concen: 43.037 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 180
Ion Ratio Lower Upper
172 100
171 0.0 30.8 46.2#
170 0.0 20.2 30.4#

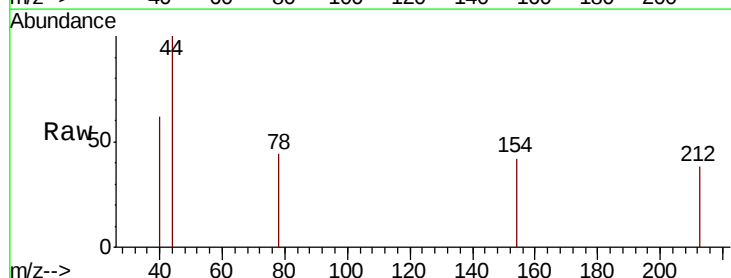


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

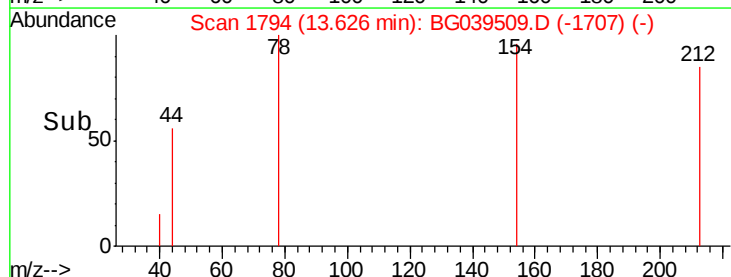
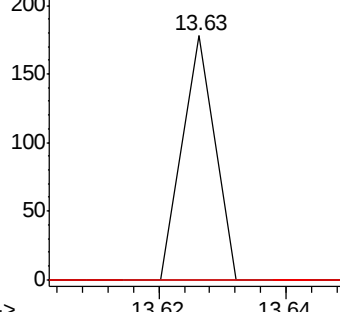


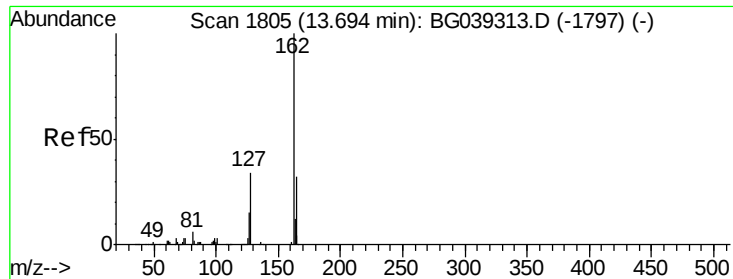
#46
1,1'-Biphenyl
Concen: 12.620 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

Tgt Ion:154 Resp: 63
Ion Ratio Lower Upper
154 100
153 0.0 22.1 62.1#
76 0.0 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC





#47

2-Chloronaphthalene

Concen: 14.113 ng

RT: 13.69 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

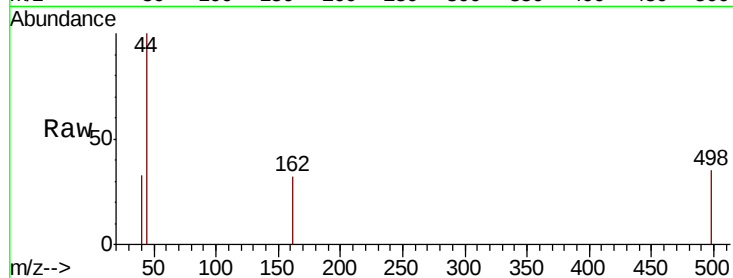
Instrument :

BNA_G

ClientSampleId :

DFTPP

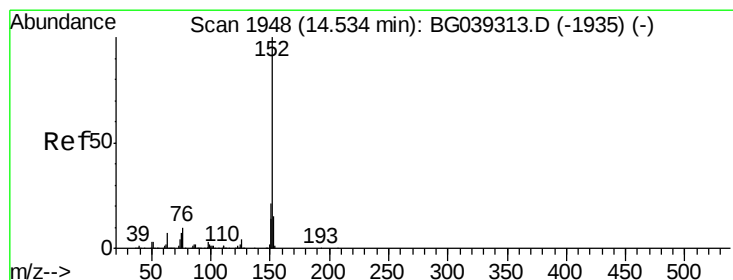
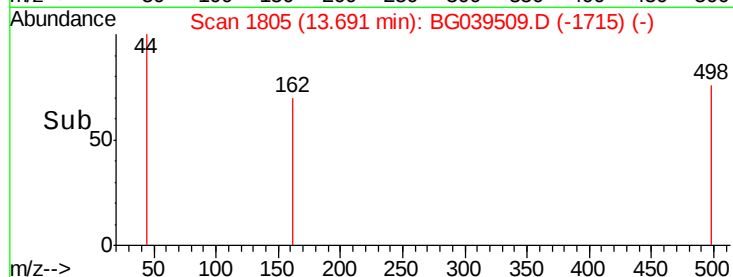
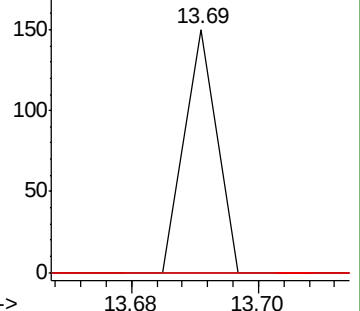
Tgt Ion:	162	Resp:	53
Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.0	46.6#
164	0.0	25.7	38.5#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthylene

Concen: 12.176 ng

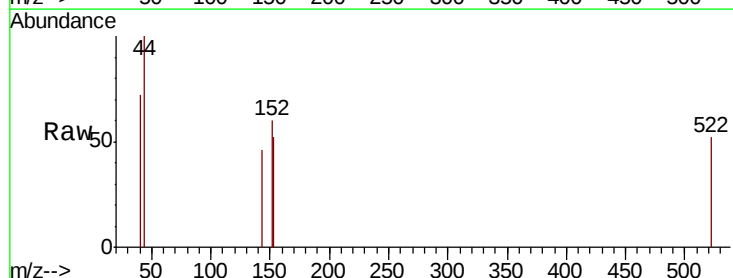
RT: 14.86 min Scan# 2004

Delta R.T. 0.33 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

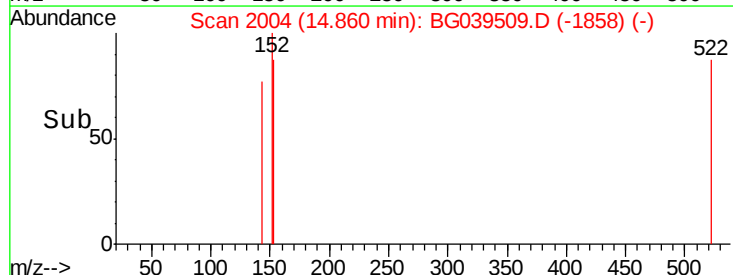
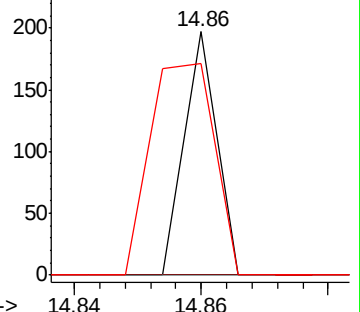
Tgt Ion:	152	Resp:	69
Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.8	25.2#
153	86.8	11.7	17.5#

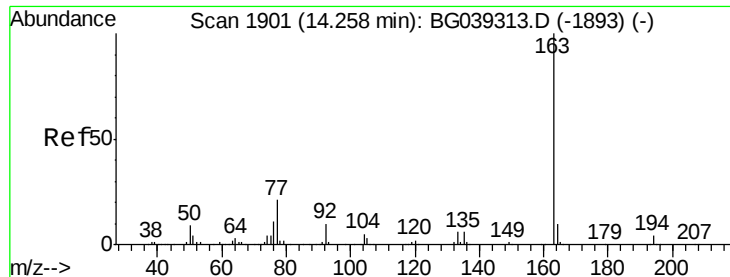


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 13.826 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.03 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

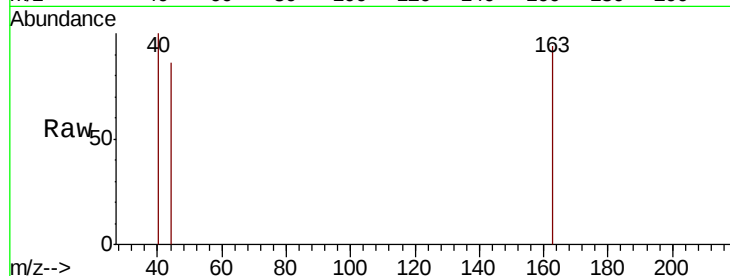
Tgt Ion:163 Resp: 67

Ion Ratio Lower Upper

163 100

194 0.0 3.6 5.4#

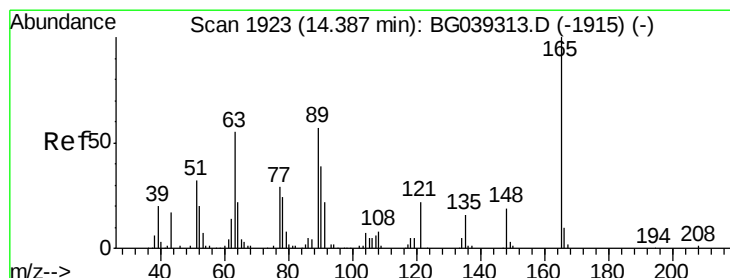
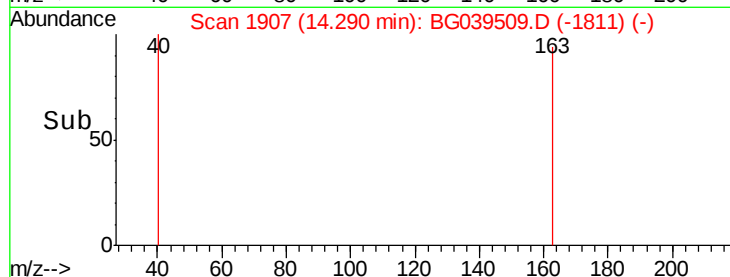
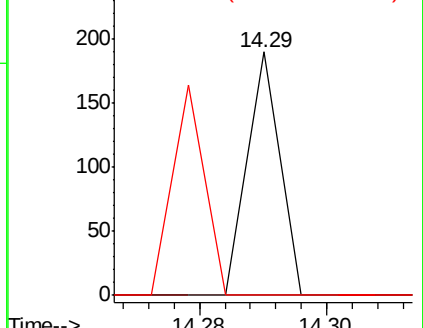
164 0.0 8.4 12.6#



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: 57.083 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.12 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

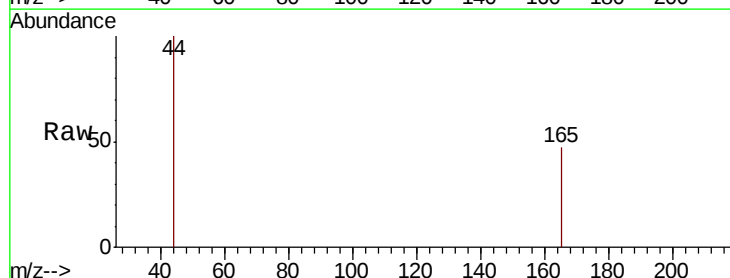
Tgt Ion:165 Resp: 53

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

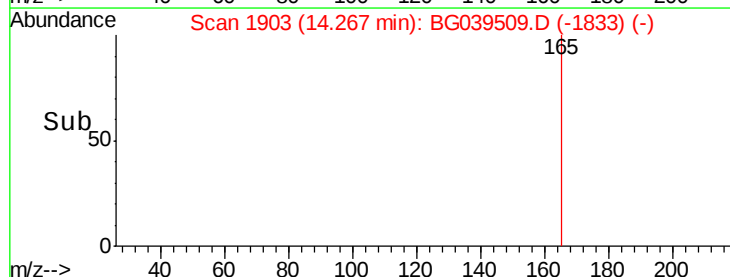
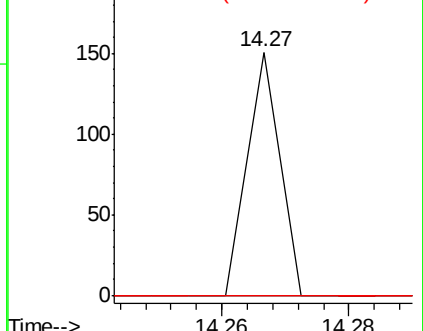
89 0.0 45.8 68.8#

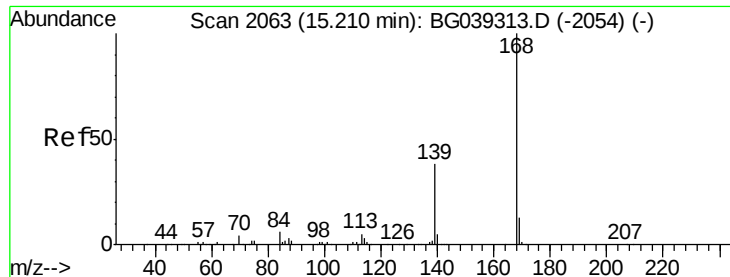


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

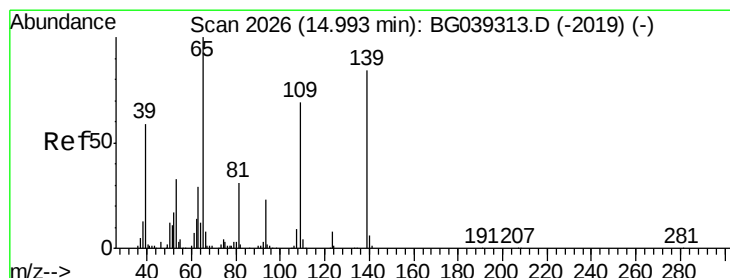
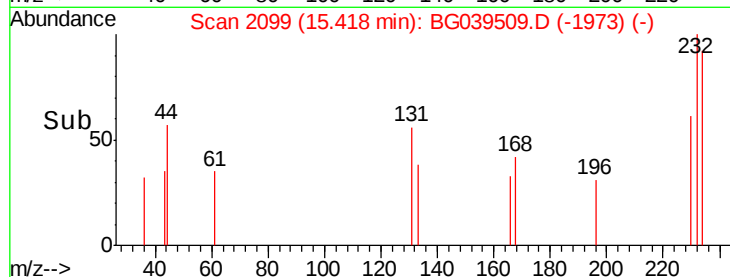
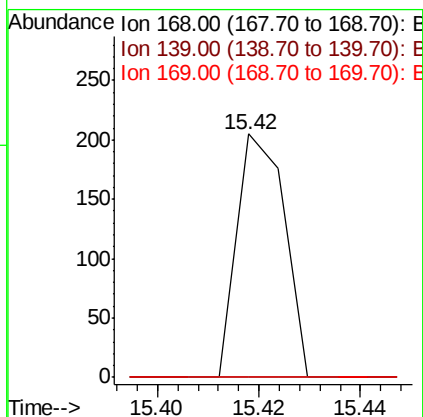
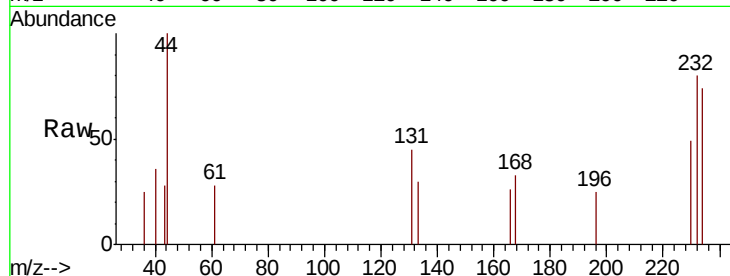




#55
Dibenzenofuran
Concen: 22.721 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.21 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

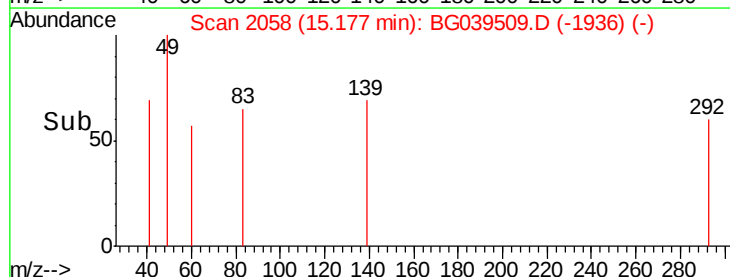
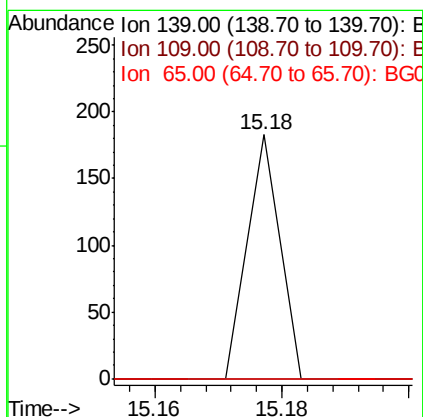
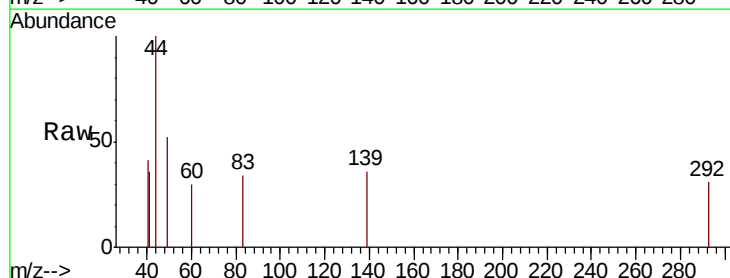
Instrument :
BNA_G
ClientSampleId :
DFTPP

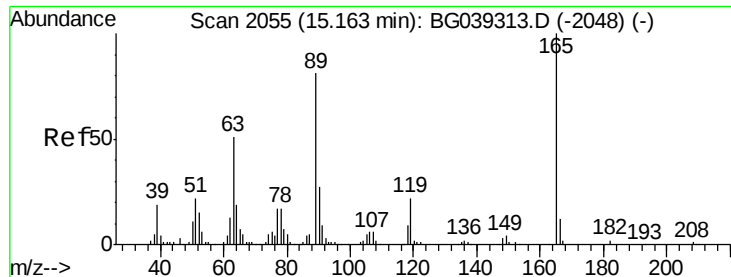
Tgt Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.1	45.1#
169	0.0	10.6	16.0#



#56
4-Nitrophenol
Concen: 74.608 ng
RT: 15.18 min Scan# 2058
Delta R.T. 0.19 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#





#57

2,4-Dinitrotoluene

Concen: 53.278 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.68 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

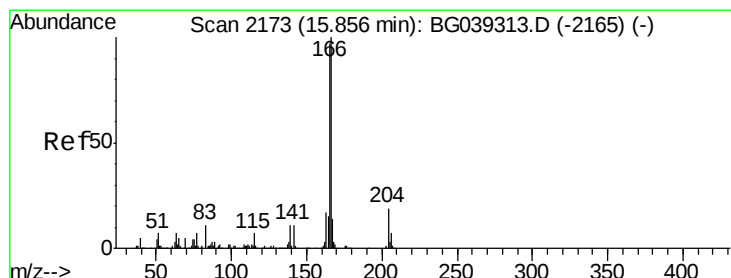
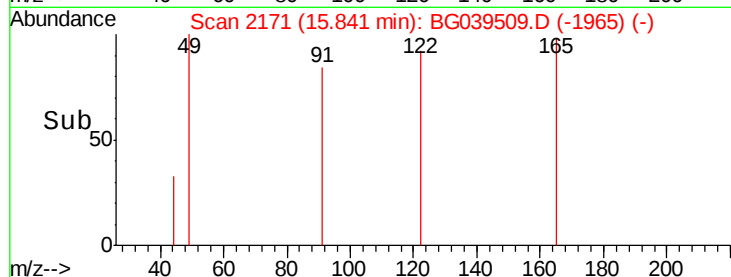
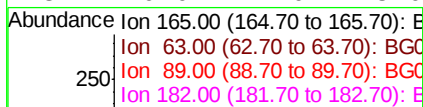
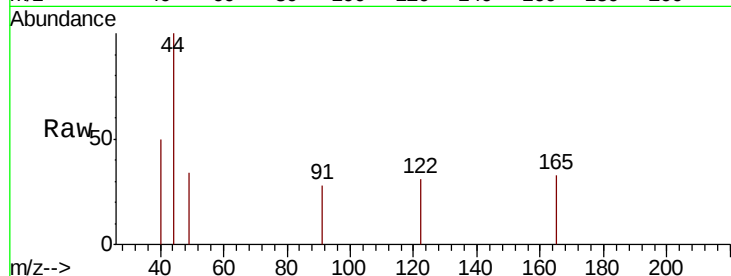
Instrument :

BNA_G

ClientSampled :

DFTPP

Tgt Ion:	165	Resp:	63
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#58

Fluorene

Concen: 14.102 ng

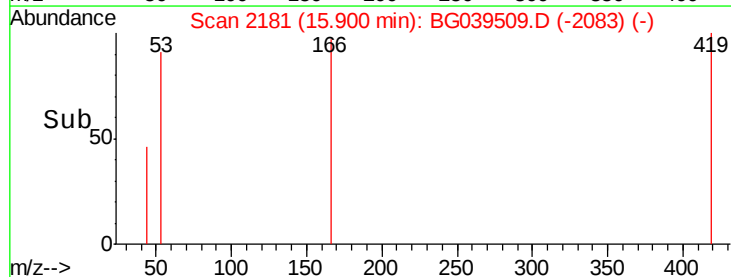
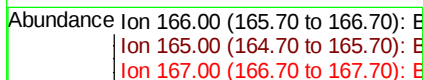
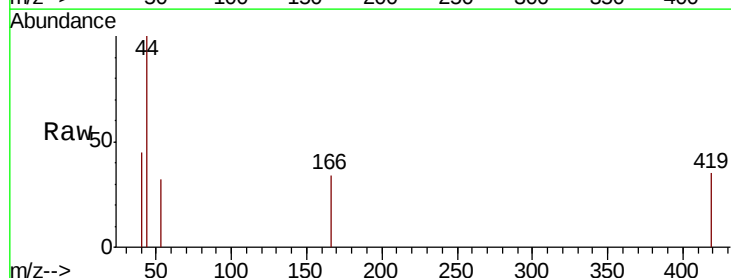
RT: 15.90 min Scan# 2181

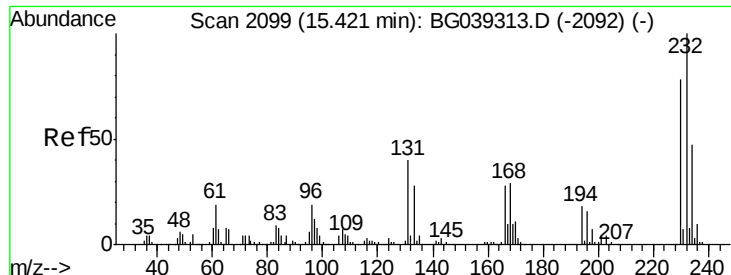
Delta R.T. 0.04 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Tgt Ion:	166	Resp:	62
Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.9	116.9#
167	0.0	10.8	16.2#

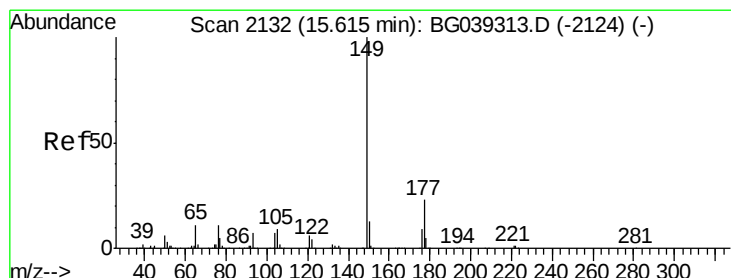
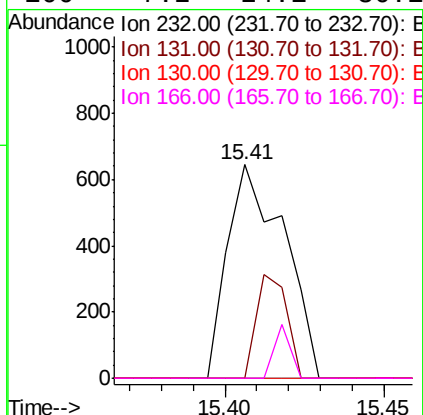
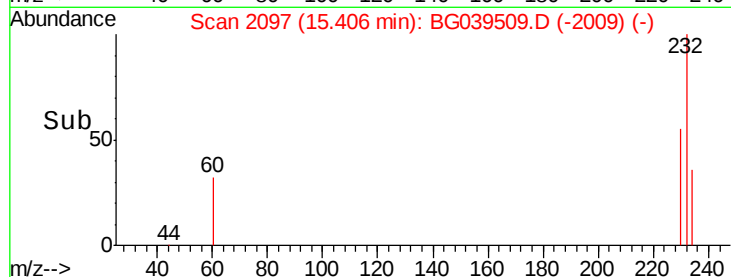
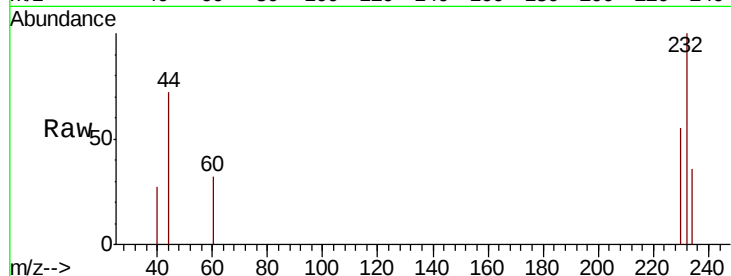




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 690.189 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

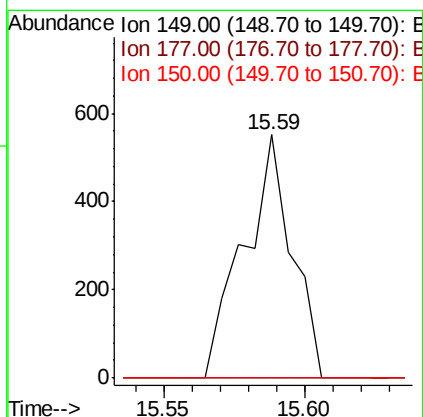
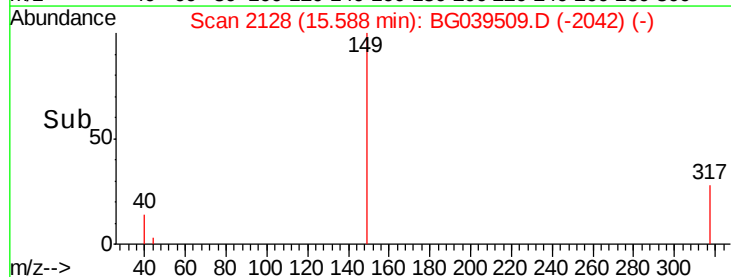
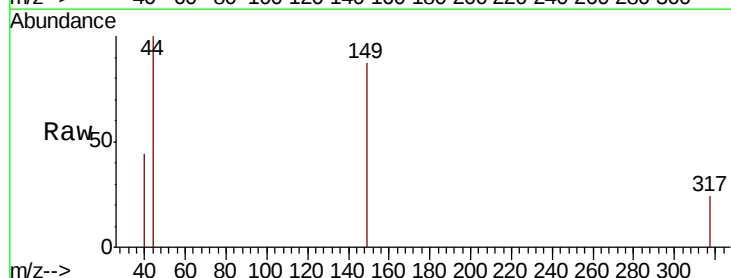
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

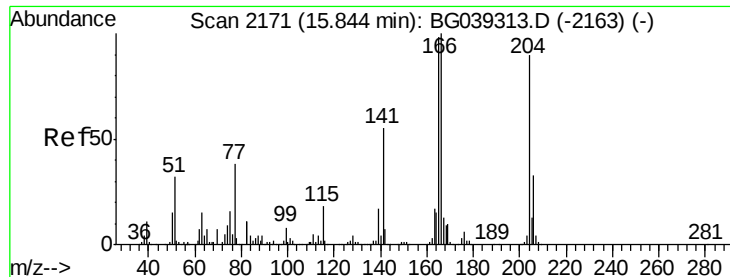
Tgt Ion: 232 Resp: 795
 Ion Ratio Lower Upper
 232 100
 131 26.0 34.9 52.3#
 130 0.0 2.0 3.0#
 166 7.2 24.1 36.1#



#60
 Diethylphthalate
 Concen: 129.734 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Tgt Ion: 149 Resp: 650
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.3 27.5#
 150 0.0 10.2 15.2#

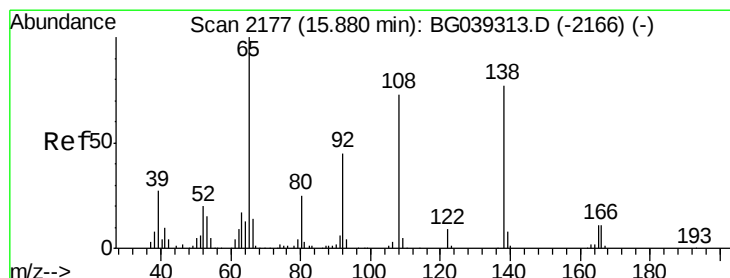
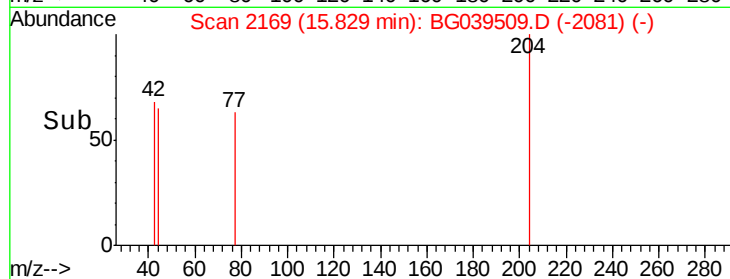
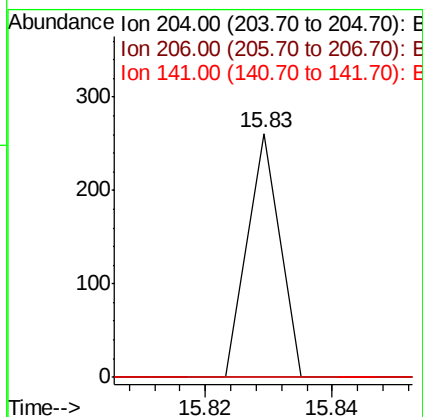
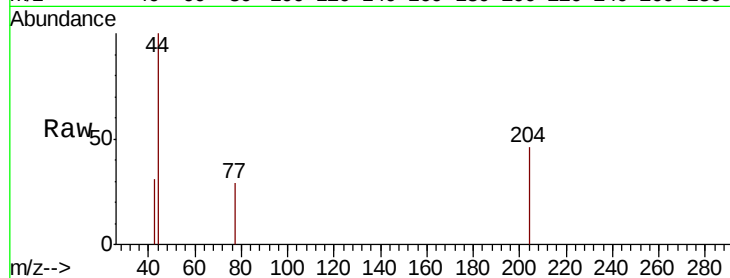




#61
 4-Chlorophenyl-phenylether
 Concen: 36.956 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

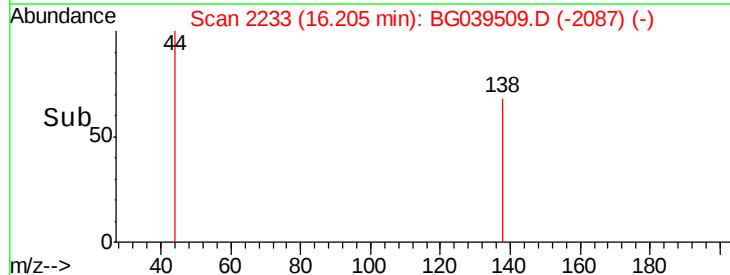
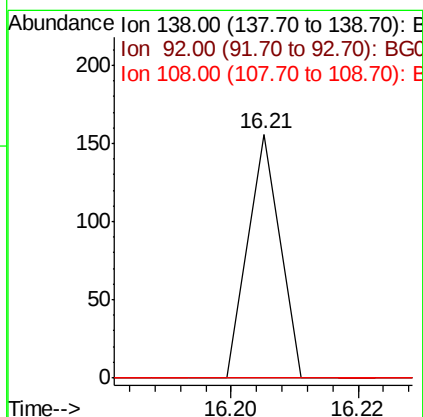
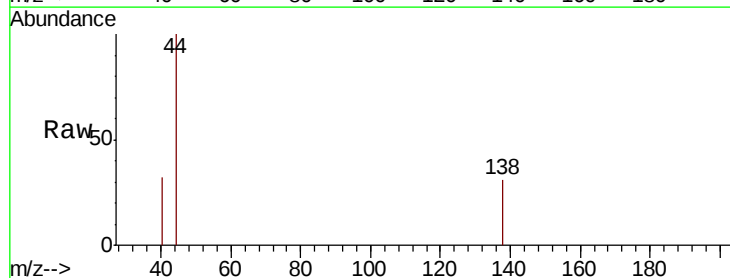
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

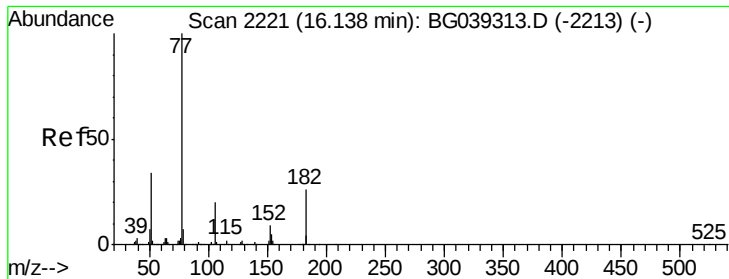
Tgt Ion: 204 Resp: 92
 Ion Ratio Lower Upper
 204 100
 206 0.0 29.2 43.8#
 141 0.0 49.0 73.4#



#62
 4-Nitroaniline
 Concen: 53.589 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.33 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Tgt Ion: 138 Resp: 55
 Ion Ratio Lower Upper
 138 100
 92 0.0 38.7 78.7#
 108 0.0 74.6 114.6#

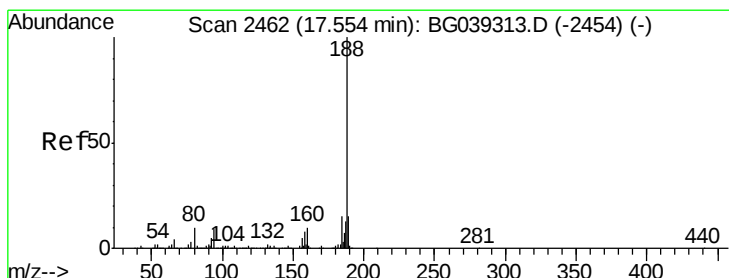
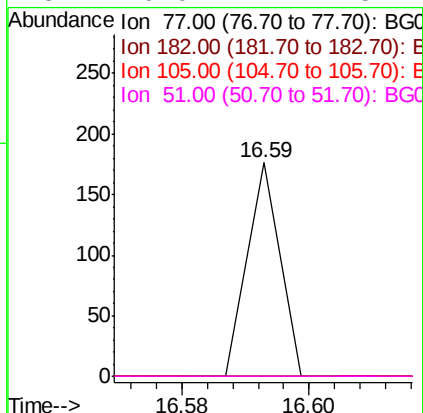
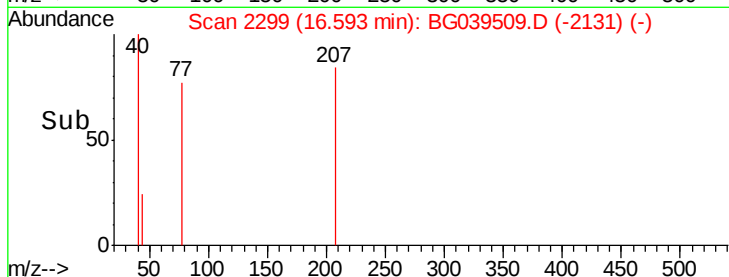
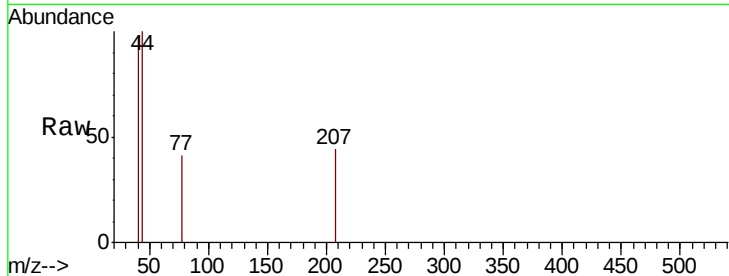




#63
Azobenzene
Concen: 12.661 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.45 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

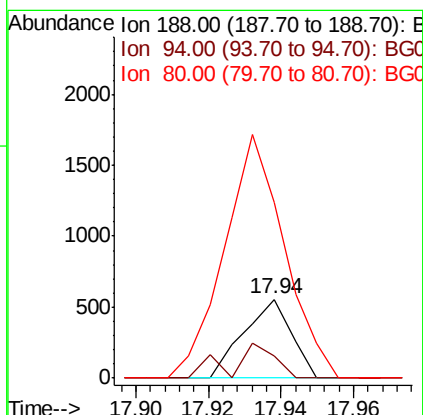
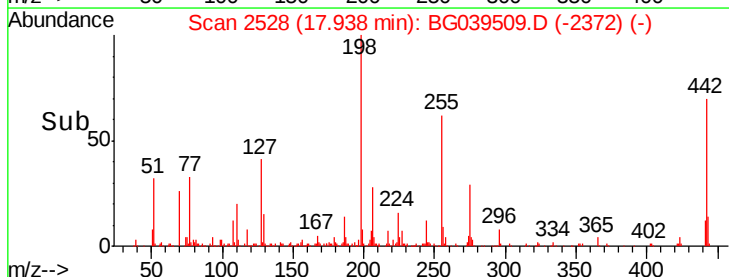
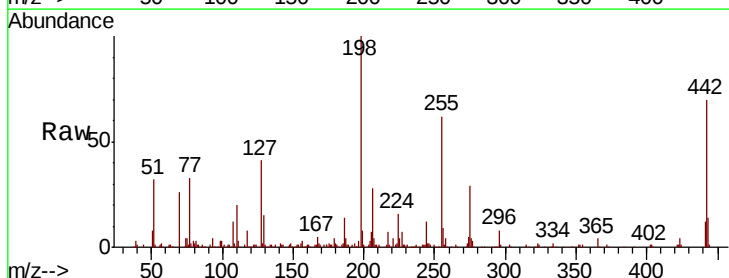
Instrument :
BNA_G
ClientSampleId :
DFTPP

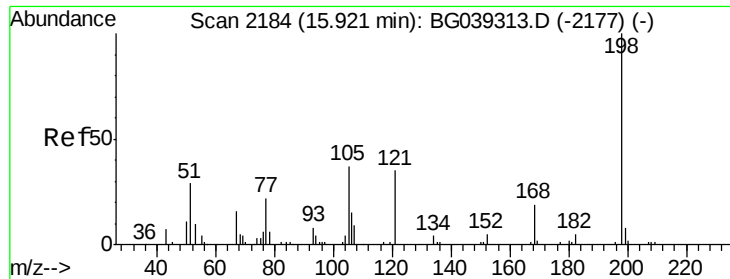
Tgt Ion: 77 Resp: 62
Ion Ratio Lower Upper
77 100
182 0.0 6.4 46.4#
105 0.0 0.0 39.8
51 0.0 14.1 54.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.94 min Scan# 2528
Delta R.T. 0.38 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

Tgt Ion: 188 Resp: 503
Ion Ratio Lower Upper
188 100
94 28.7 6.9 10.3#
80 222.3 8.1 12.1#

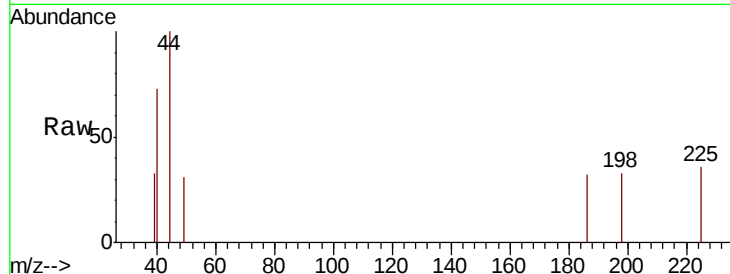




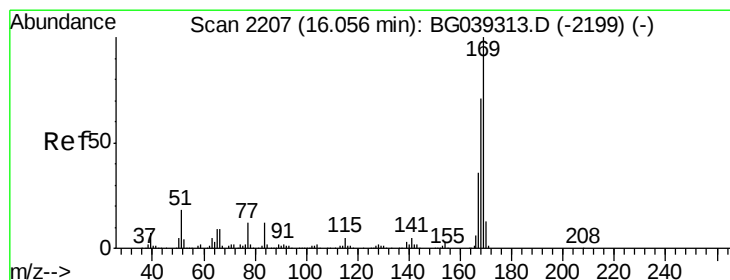
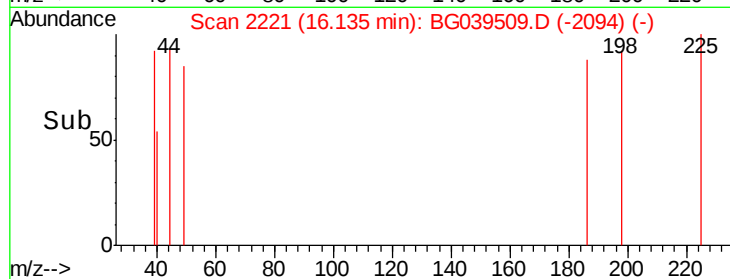
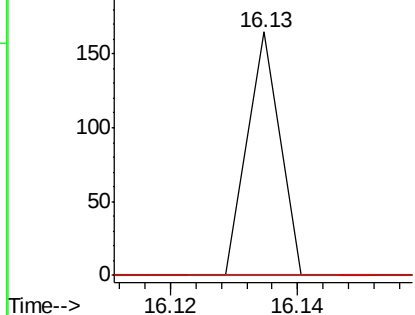
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.668 ng
 RT: 16.13 min Scan# 2221
 Delta R.T. 0.21 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	27.4	67.4#
105	0.0	19.7	59.7#

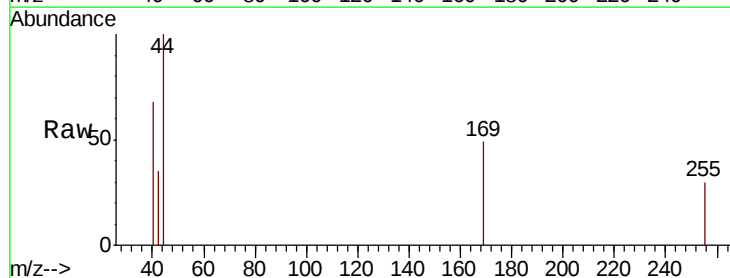


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

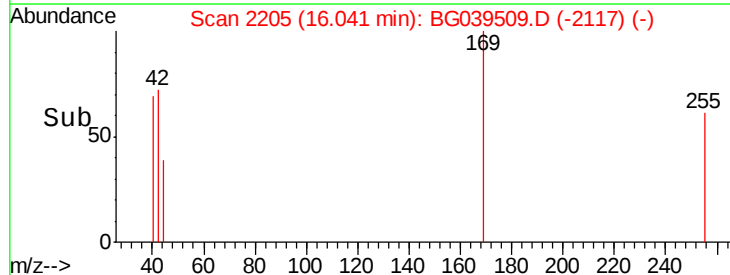
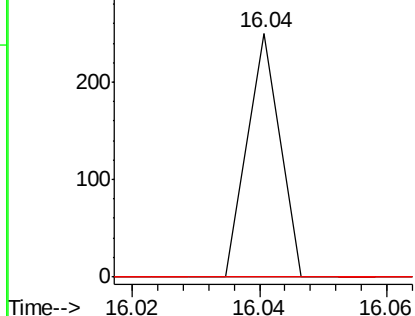


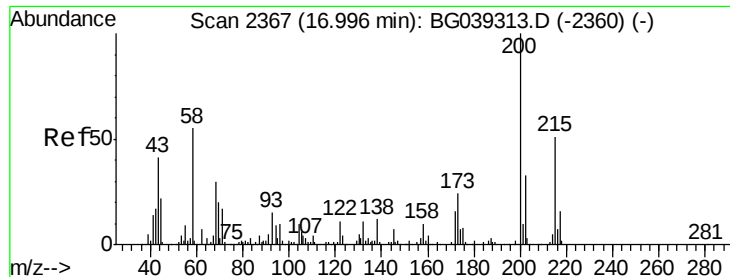
#66
 n-Nitrosodiphenylamine
 Concen: 5.754 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	0.0	56.6	85.0#
167	0.0	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





#69

Atrazine

Concen: 2973.391 ng

RT: 17.18 min Scan# 2399

Delta R.T. 0.18 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

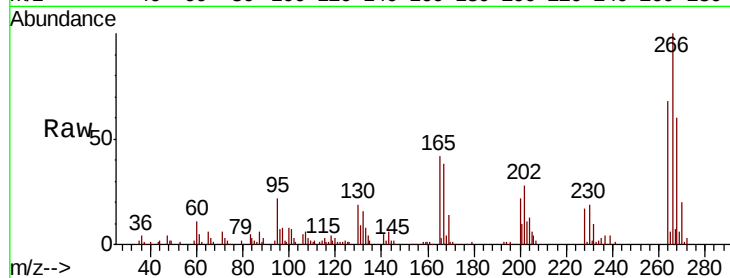
Tgt Ion:200 Resp: 16619

Ion Ratio Lower Upper

200 100

173 0.0 3.9 43.9#

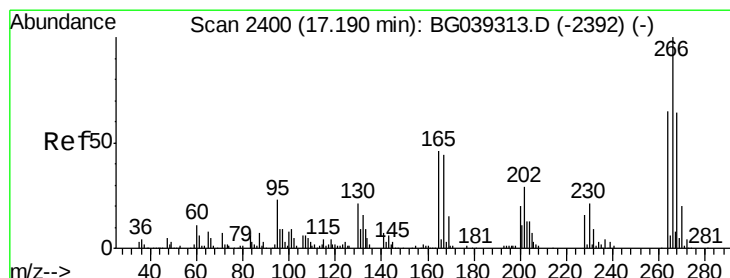
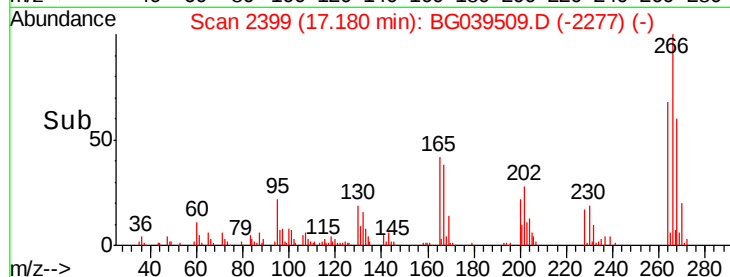
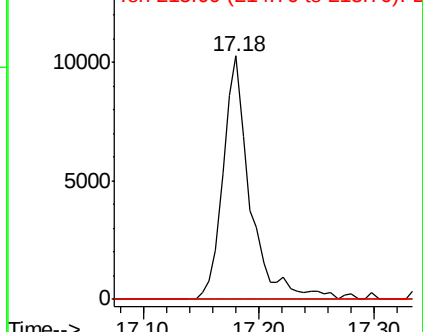
215 0.0 30.9 70.9#



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: 21203.212 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

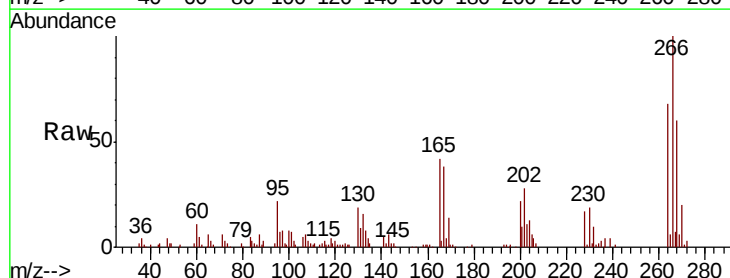
Tgt Ion:266 Resp: 82505

Ion Ratio Lower Upper

266 100

268 60.4 51.1 76.7

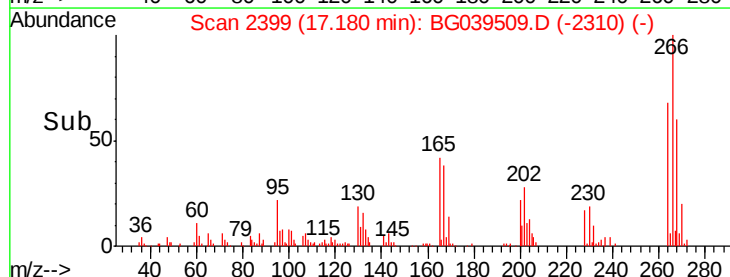
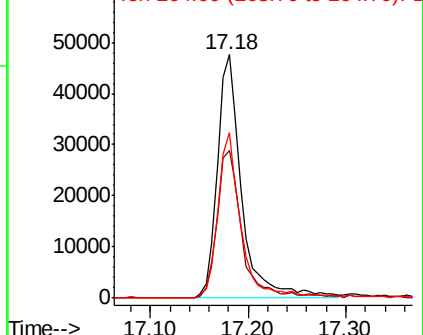
264 68.0 52.1 78.1

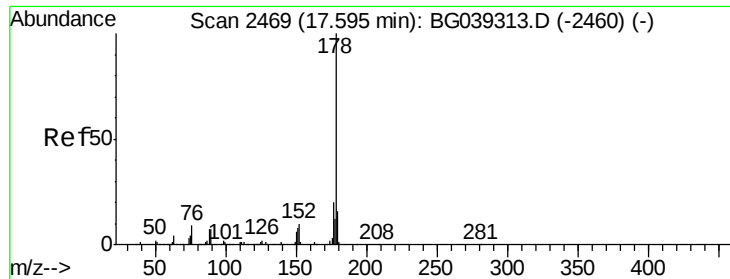


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

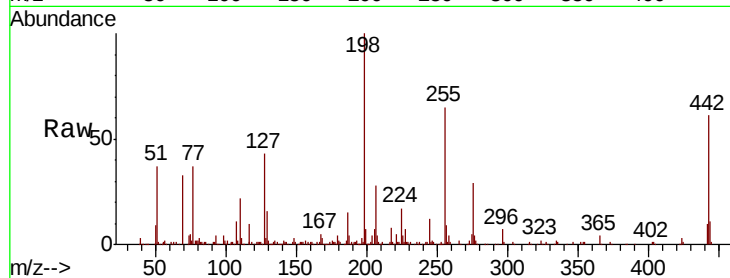




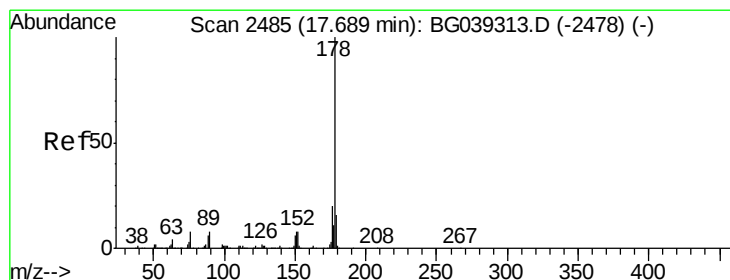
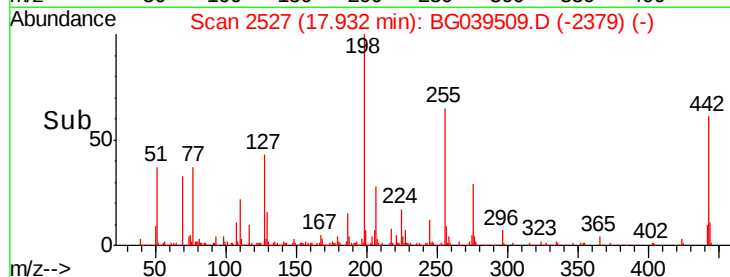
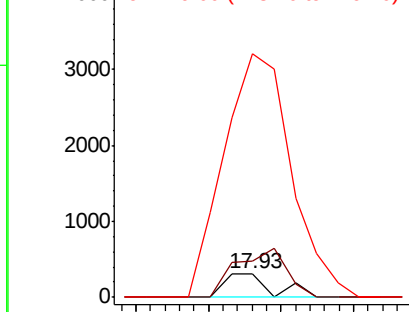
#71
Phenanthrene
Concen: 10.870 ng
RT: 17.93 min Scan# 2527
Delta R.T. 0.34 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 283
Ion Ratio Lower Upper
178 100
176 153.4 16.2 24.4#
179 1037.5 12.6 19.0#

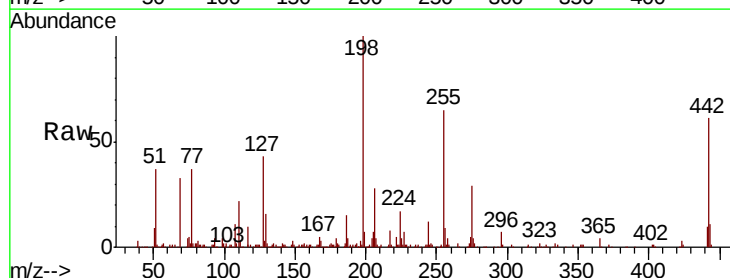


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

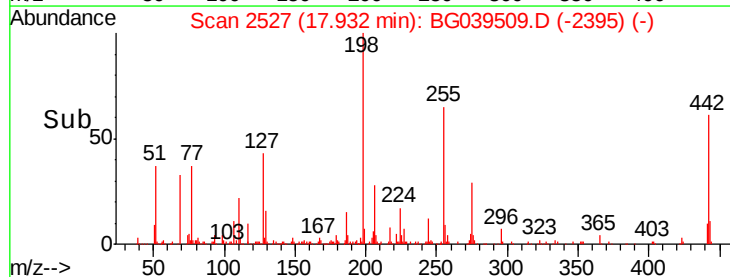
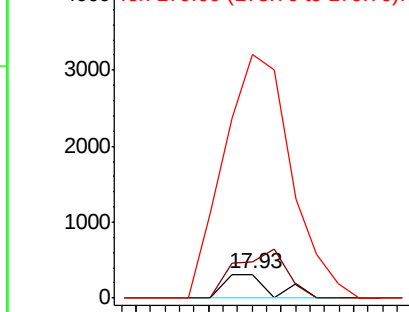


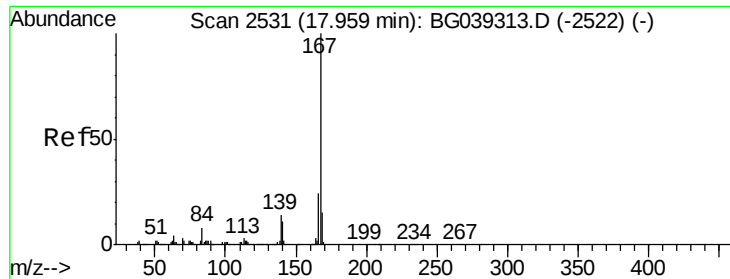
#72
Anthracene
Concen: 11.036 ng
RT: 17.93 min Scan# 2527
Delta R.T. 0.24 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

Tgt Ion:178 Resp: 283
Ion Ratio Lower Upper
178 100
176 153.4 15.8 23.6#
179 1037.5 12.5 18.7#



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

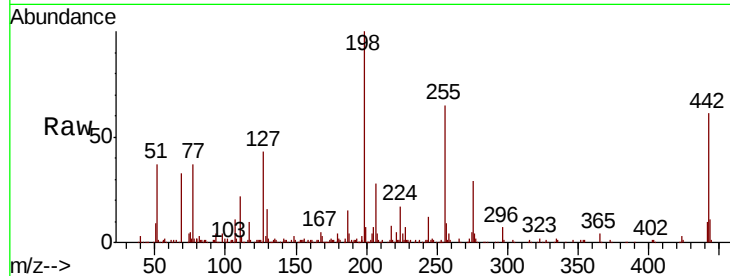




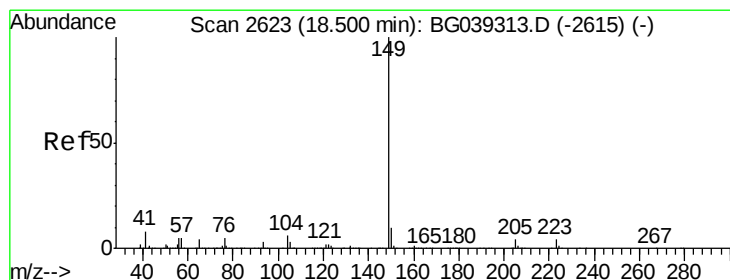
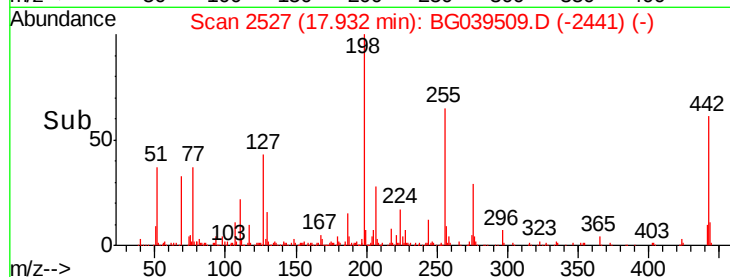
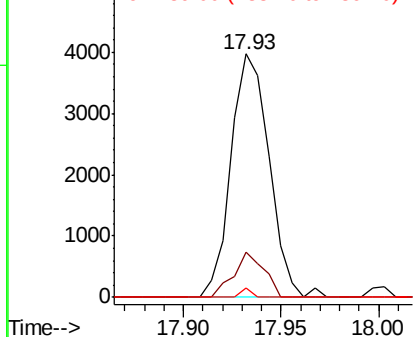
#73
 Carbazole
 Concen: 210.576 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.03 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Instrument :
 BNA_G
 ClientSampled :
 DFTPP

Tgt Ion:167 Resp: 5389
 Ion Ratio Lower Upper
 167 100
 166 18.7 19.4 29.2#
 139 3.8 10.8 16.2#

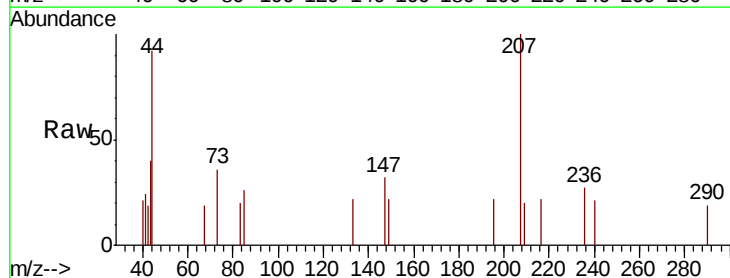


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

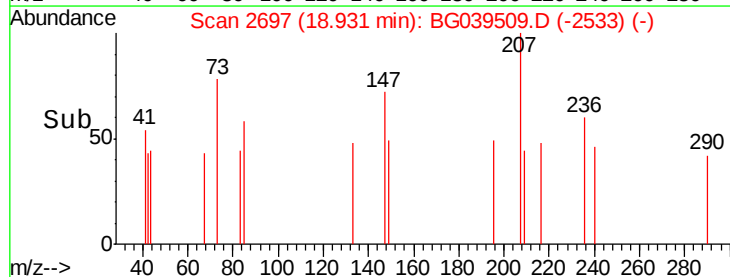
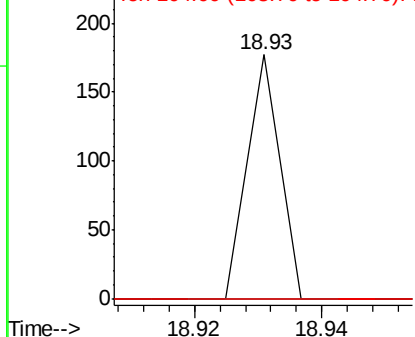


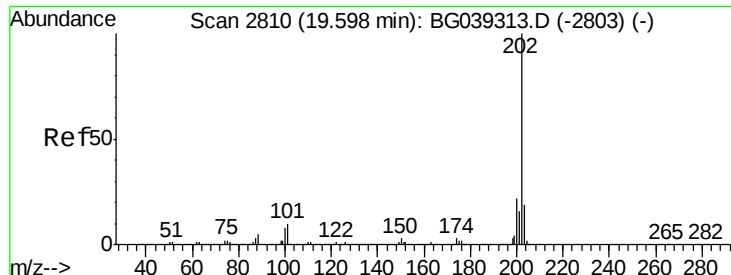
#74
 Di-n-butylphthalate
 Concen: 2.077 ng
 RT: 18.93 min Scan# 2697
 Delta R.T. 0.43 min
 Lab File: BG039509.D
 Acq: 14 Feb 2019 15:33

Tgt Ion:149 Resp: 62
 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: 20.088 ng

RT: 19.94 min Scan# 2869

Delta R.T. 0.34 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

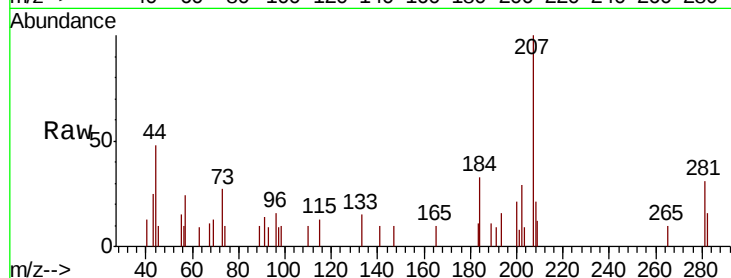
Tgt Ion:202 Resp: 607

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.0

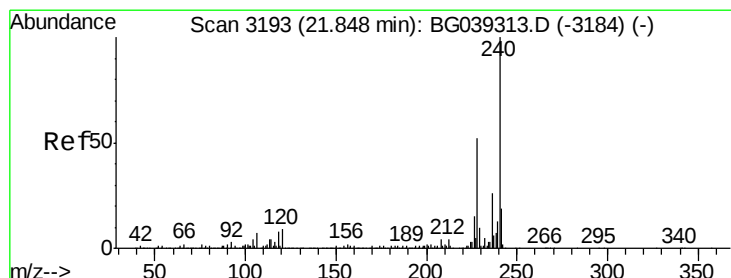
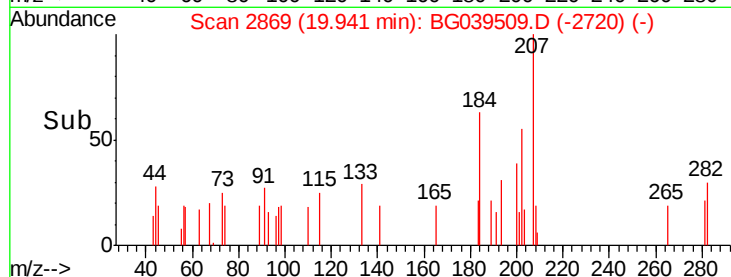
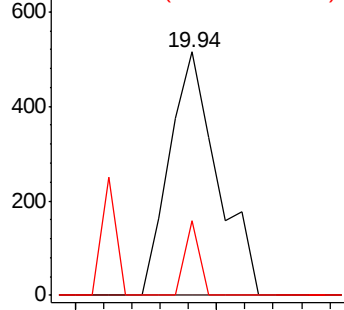
203 30.9 0.0 38.9



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: 22.51 min Scan# 3306

Delta R.T. 0.66 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

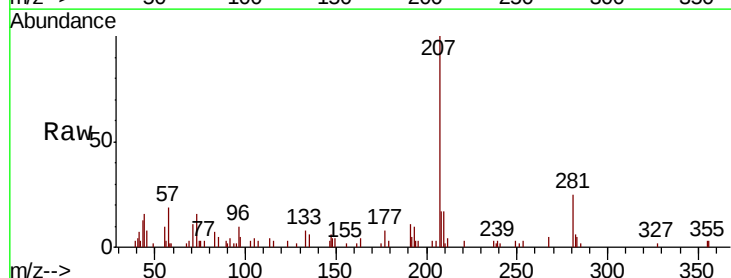
Tgt Ion:240 Resp: 62

Ion Ratio Lower Upper

240 100

120 0.0 7.0 10.6#

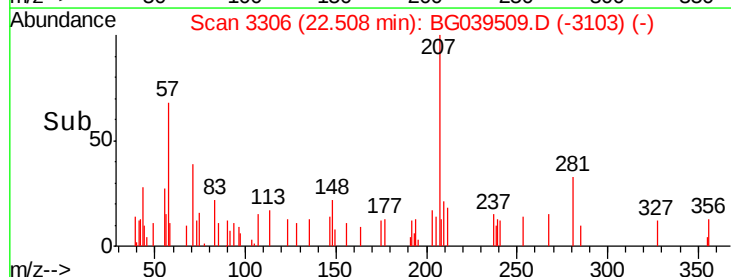
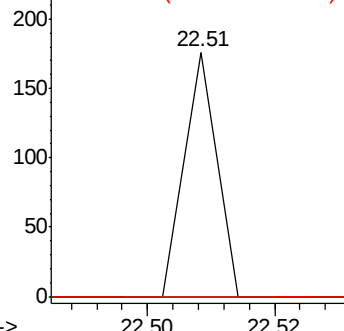
236 0.0 21.0 31.4#

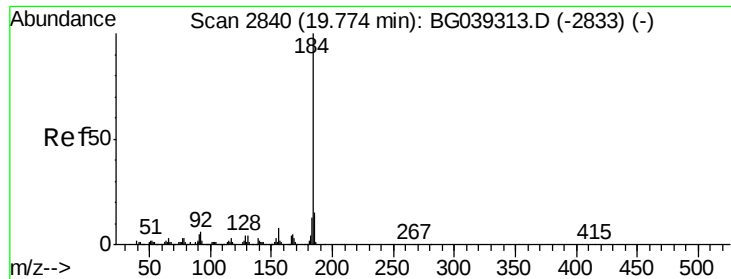


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 197.274 ng

RT: 20.38 min Scan# 2943

Delta R.T. 0.60 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

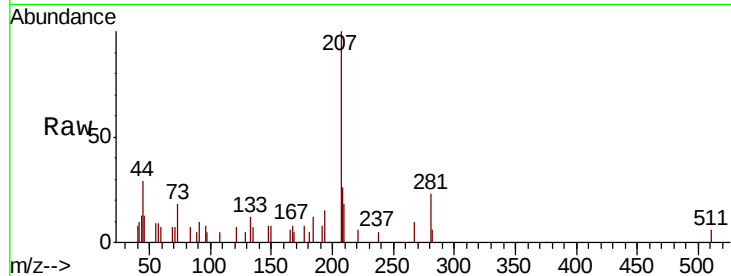
Tgt Ion:184 Resp: 401

Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.2#

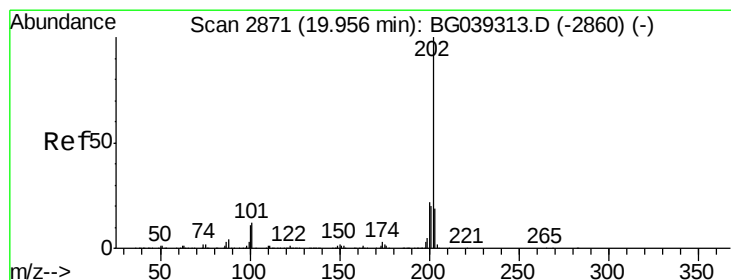
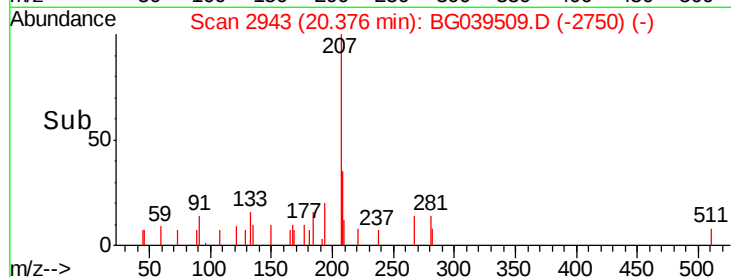
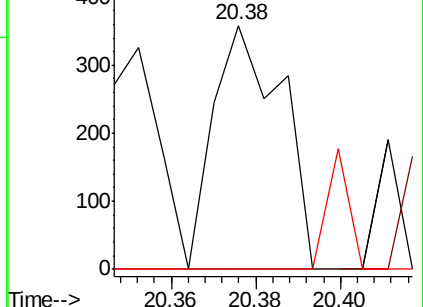
183 0.0 10.6 15.8#



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: 168.667 ng

RT: 20.54 min Scan# 2971

Delta R.T. 0.58 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

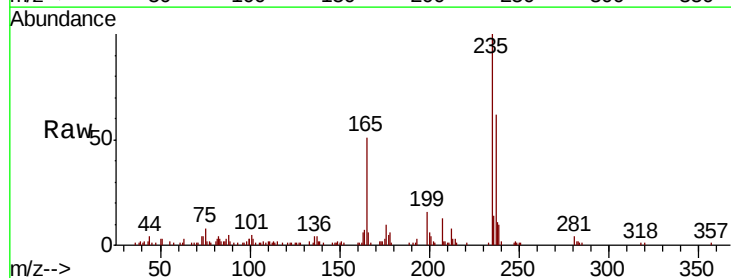
Tgt Ion:202 Resp: 651

Ion Ratio Lower Upper

202 100

200 281.8 17.8 26.8#

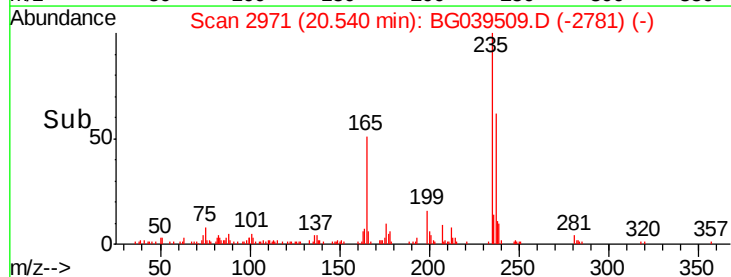
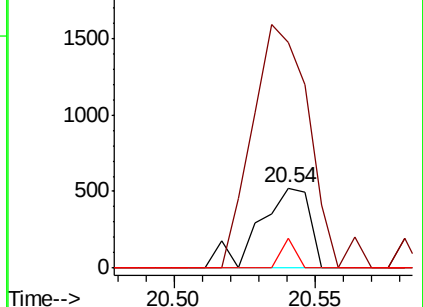
203 37.5 15.3 22.9#

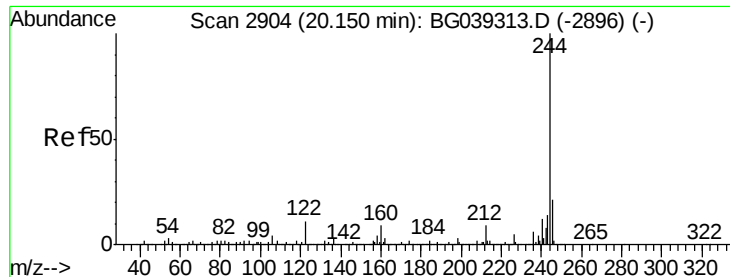


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 19.801 ng

RT: 20.87 min Scan# 3027

Delta R.T. 0.72 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

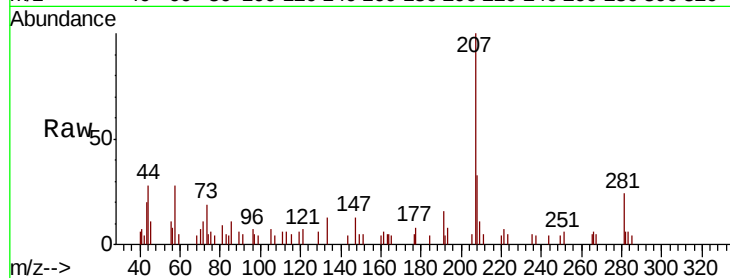
Tgt Ion:244 Resp: 58

Ion Ratio Lower Upper

244 100

212 0.0 7.3 10.9#

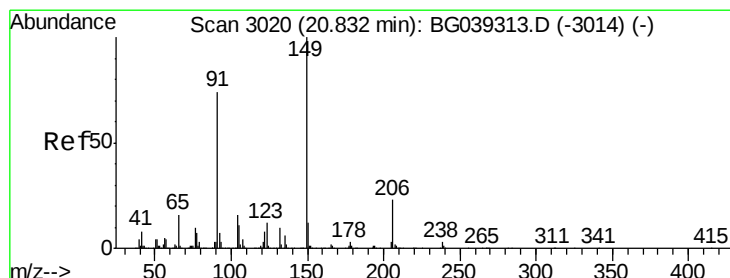
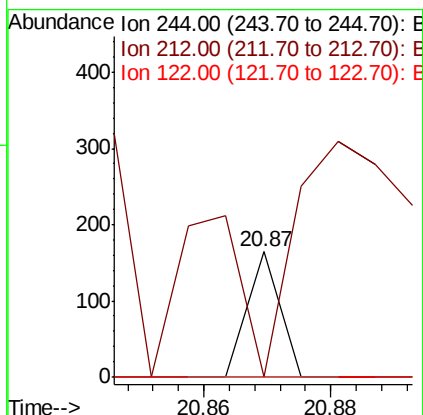
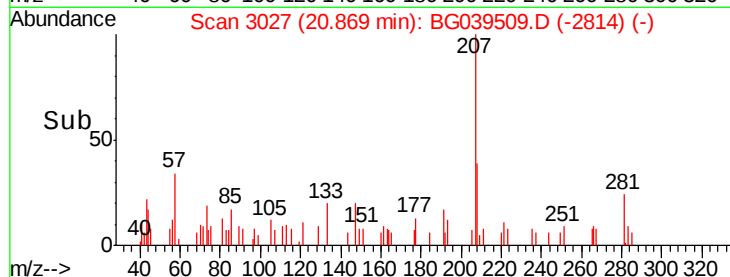
122 0.0 8.4 12.6#



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: 232.165 ng

RT: 21.48 min Scan# 3131

Delta R.T. 0.65 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

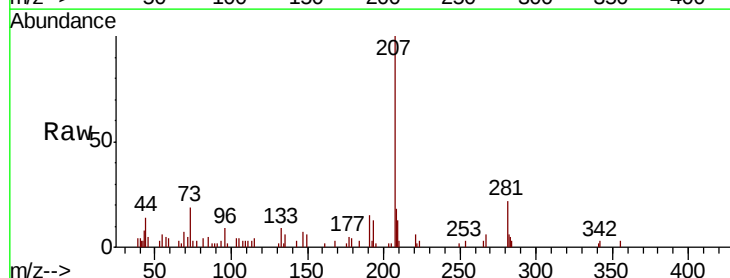
Tgt Ion:149 Resp: 378

Ion Ratio Lower Upper

149 100

91 38.0 59.5 89.3#

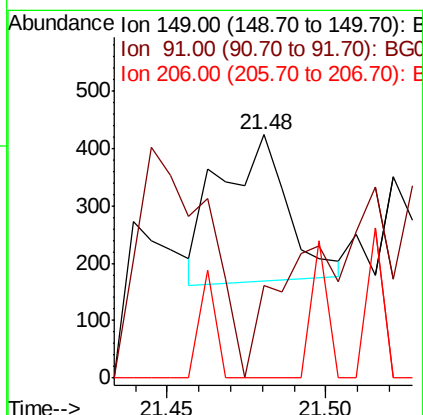
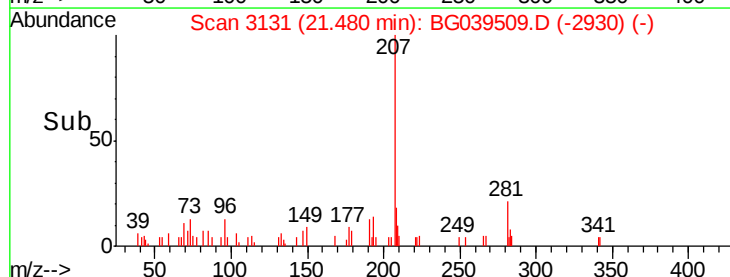
206 0.0 18.6 27.8#

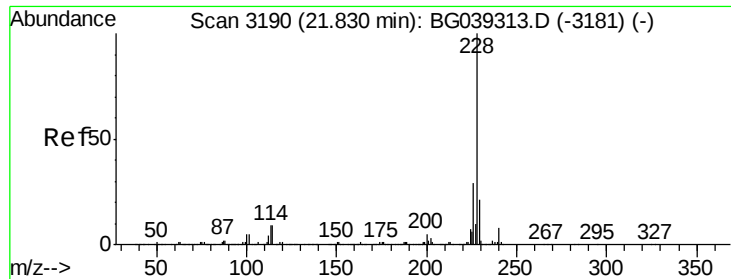


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 15.559 ng

RT: 22.80 min Scan# 3356

Delta R.T. 0.97 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

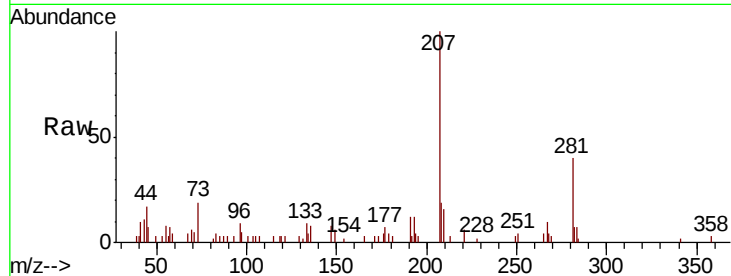
Tgt Ion:228 Resp: 57

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

250

200

150

100

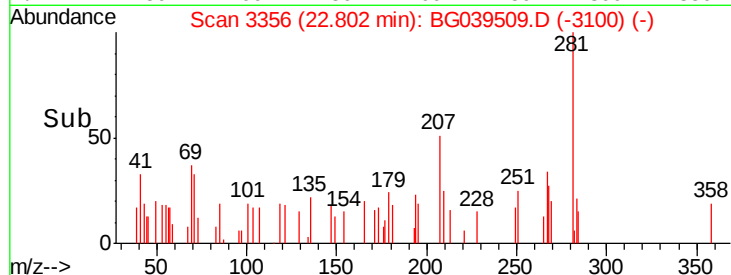
50

0

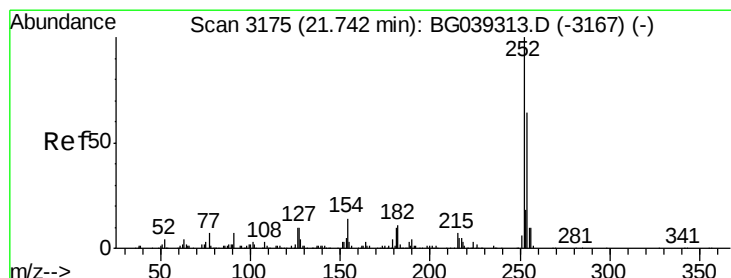
22.78

22.80

22.82



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 96.436 ng

RT: 22.57 min Scan# 3316

Delta R.T. 0.82 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

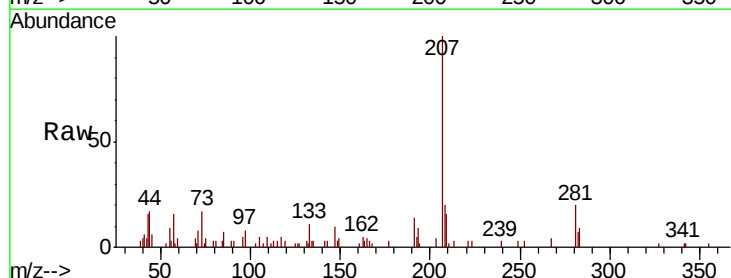
Tgt Ion:252 Resp: 131

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

126 84.8 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

300

200

100

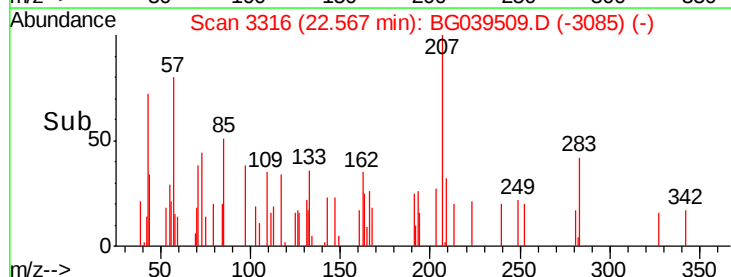
0

22.54

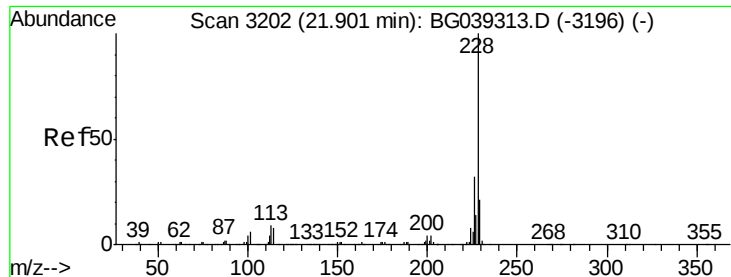
22.56

22.58

22.60



Time-->



#83

Chrysene

Concen: 16.344 ng

RT: 22.80 min Scan# 3356

Delta R.T. 0.90 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

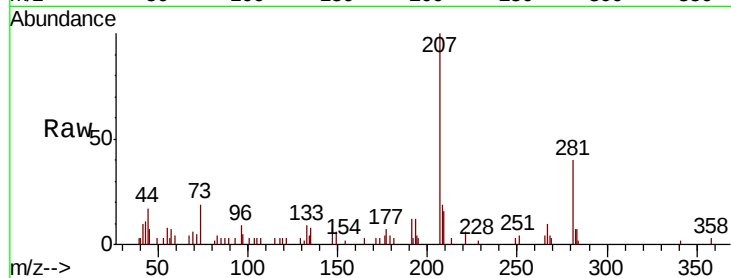
Tgt Ion: 228 Resp: 57

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

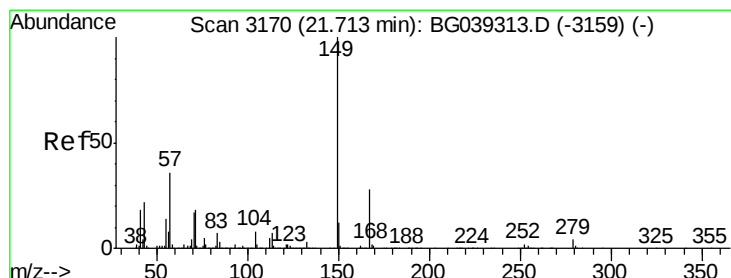
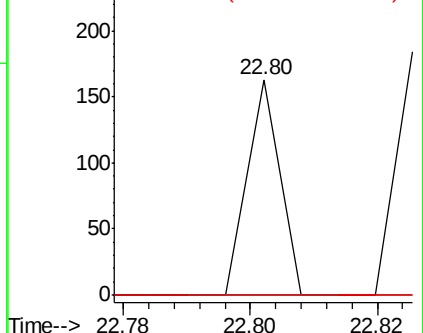
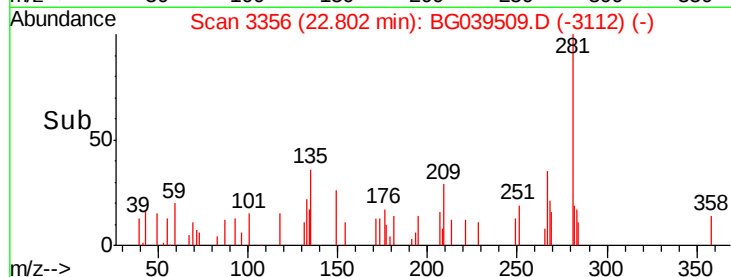
229 0.0 16.6 25.0#



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: 370.245 ng

RT: 22.36 min Scan# 3281

Delta R.T. 0.65 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

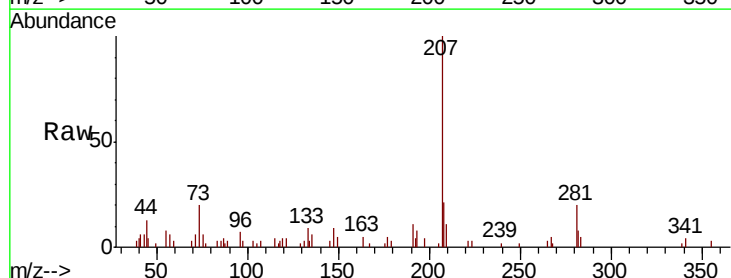
Tgt Ion: 149 Resp: 860

Ion Ratio Lower Upper

149 100

167 45.9 22.6 34.0#

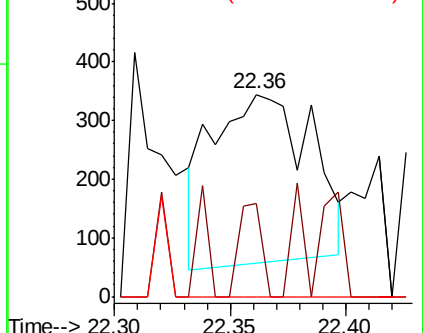
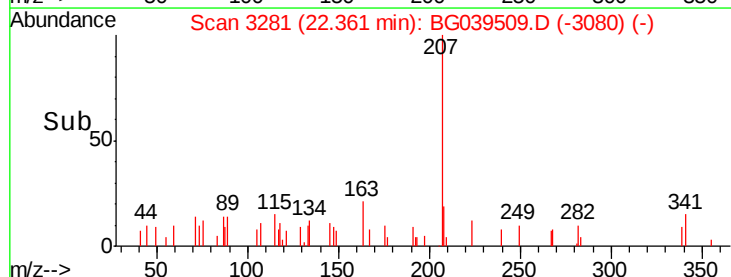
279 0.0 3.5 5.3#

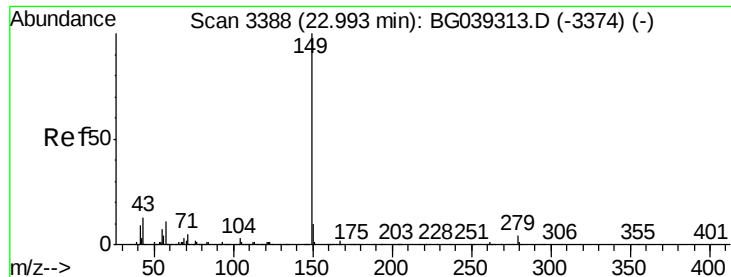


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

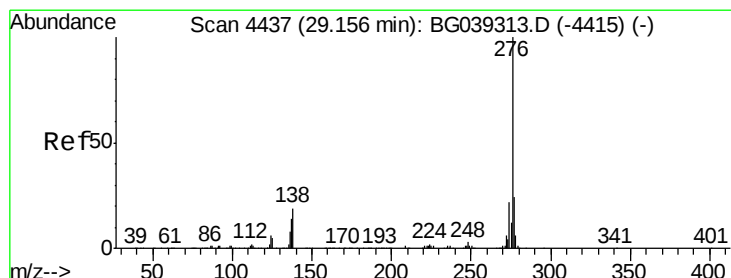
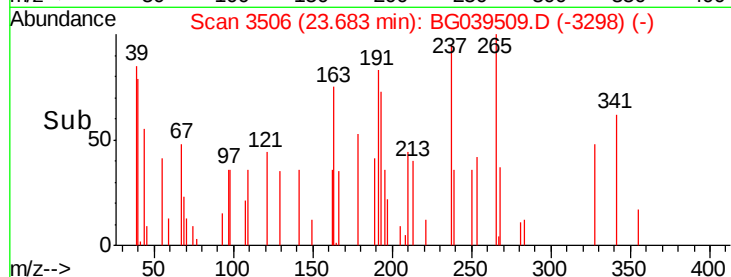
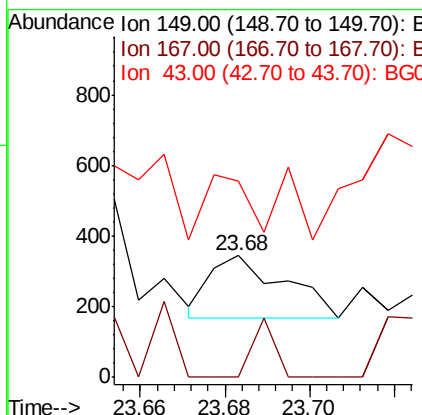
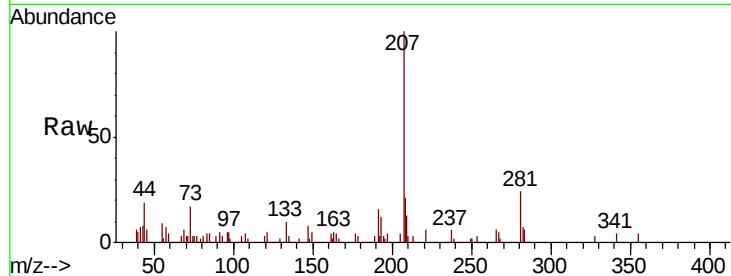




#85
Di-n-octyl phthalate
Concen: 55.505 ng
RT: 23.68 min Scan# 3506
Delta R.T. 0.69 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

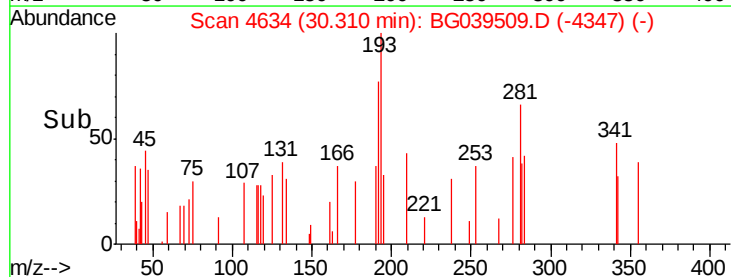
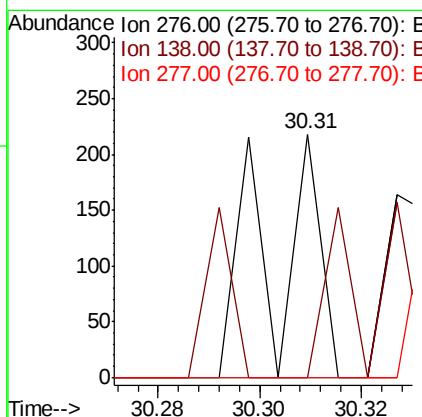
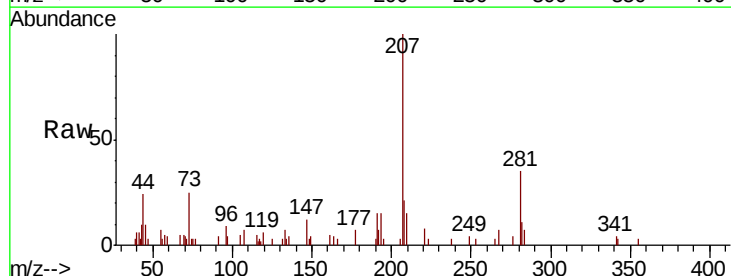
Instrument :
BNA_G
ClientSampled :
DFTPP

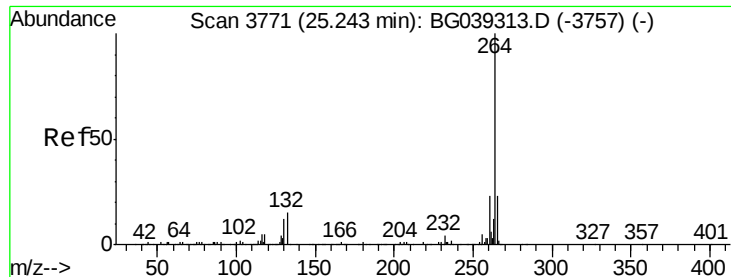
Tgt Ion:149 Resp: 213
Ion Ratio Lower Upper
149 100
167 27.7 1.3 1.9#
43 0.0 10.2 15.4#



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.890 ng
RT: 30.31 min Scan# 4634
Delta R.T. 1.15 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

Tgt Ion:276 Resp: 153
Ion Ratio Lower Upper
276 100
138 35.3 12.6 19.0#
277 0.0 20.8 31.2#

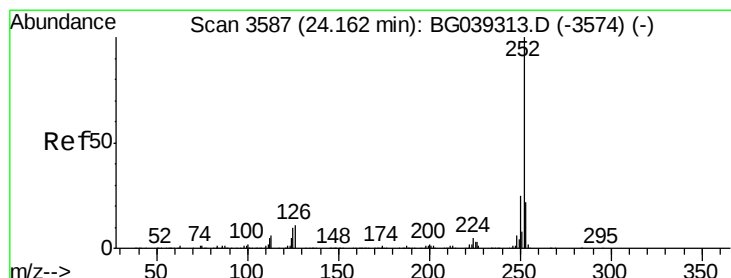
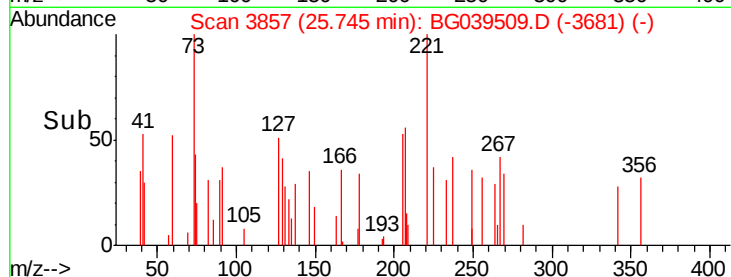
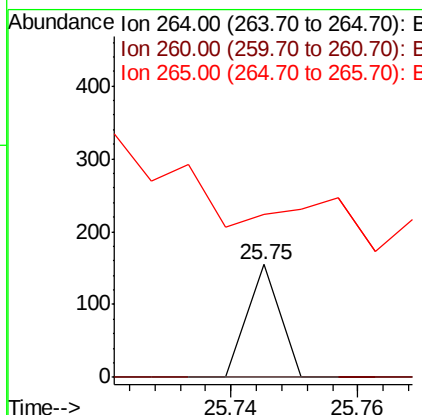
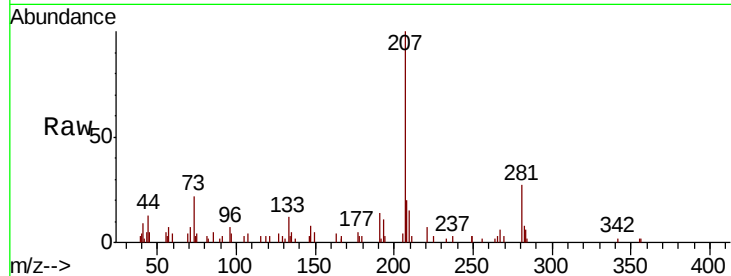




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.75 min Scan# 3857
Delta R.T. 0.50 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

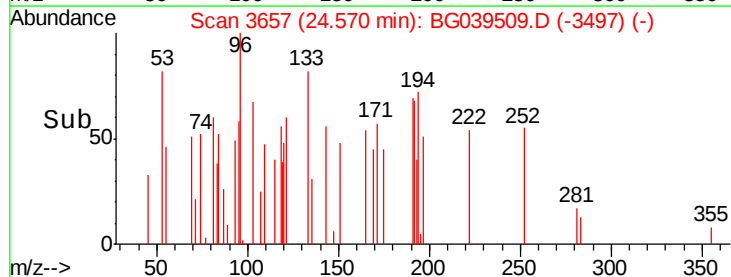
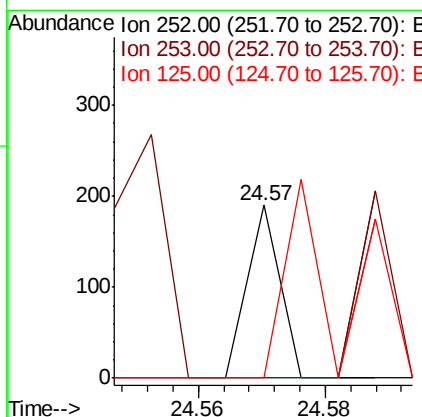
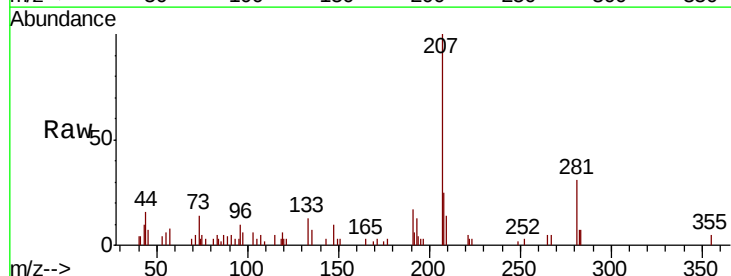
Instrument :
BNA_G
ClientSampleID :
DFTPP

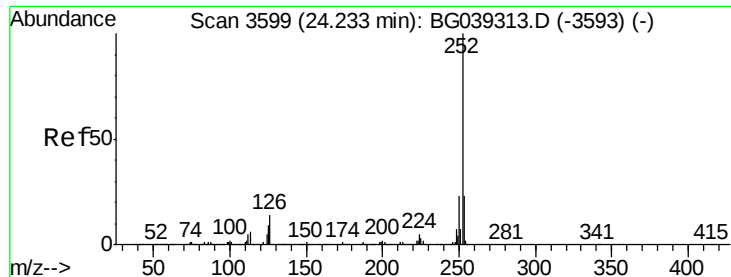
Tgt Ion: 264 Resp: 55
Ion Ratio Lower Upper
264 100
260 0.0 18.2 27.4#
265 144.5 18.5 27.7#



#88
Benzo(b)fluoranthene
Concen: 22.337 ng
RT: 24.57 min Scan# 3657
Delta R.T. 0.41 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

Tgt Ion: 252 Resp: 67
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 7.8 11.6#

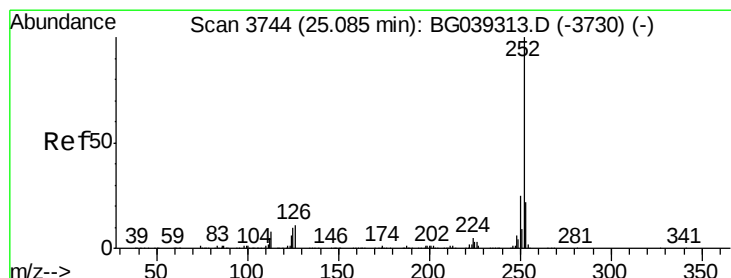
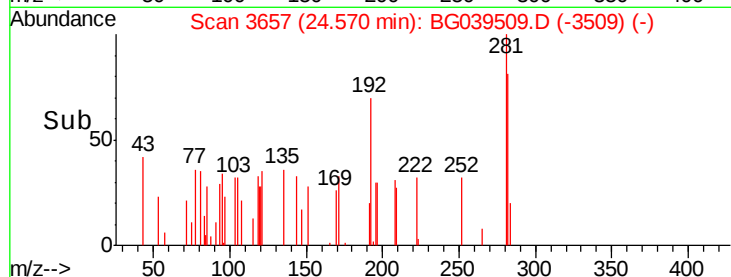
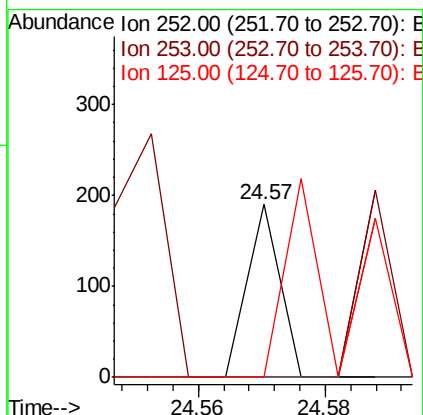
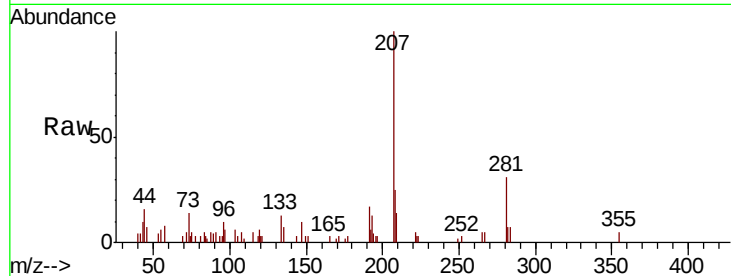




#89
Benzo(k)fluoranthene
Concen: 22.249 ng
RT: 24.57 min Scan# 3657
Delta R.T. 0.34 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

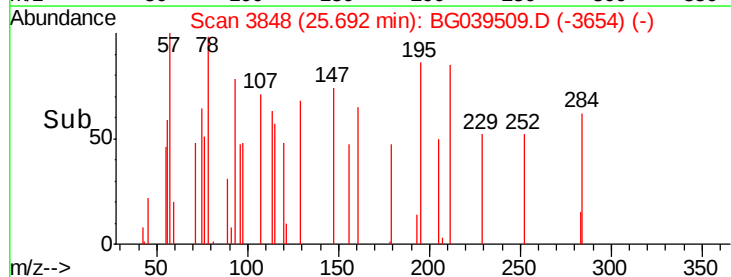
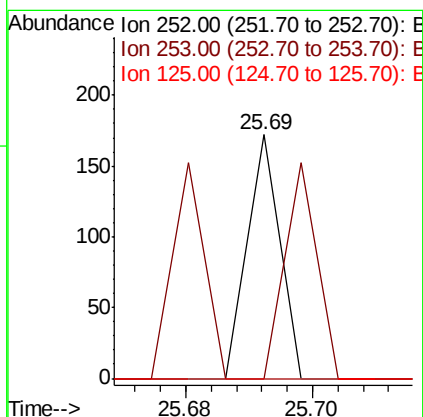
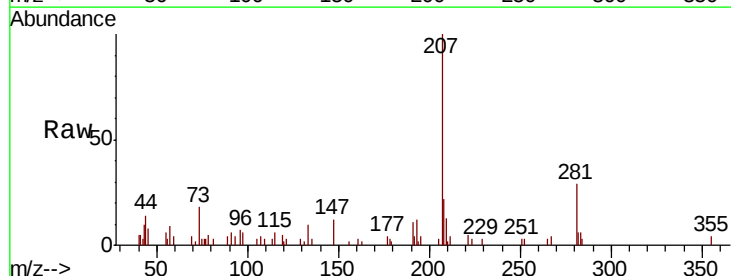
Instrument :
BNA_G
ClientSampleId :
DFTPP

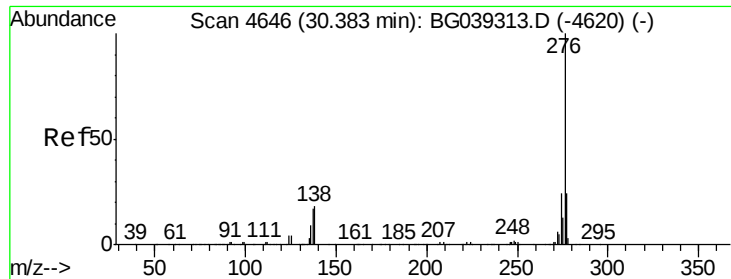
Tgt Ion: 252 Resp: 67
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 21.117 ng
RT: 25.69 min Scan# 3848
Delta R.T. 0.61 min
Lab File: BG039509.D
Acq: 14 Feb 2019 15:33

Tgt Ion: 252 Resp: 61
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 8.3 12.5#





#92

Benzo(g,h,i)perylene

Concen: 27.073 ng

RT: 30.83 min Scan# 4723

Delta R.T. 0.45 min

Lab File: BG039509.D

Acq: 14 Feb 2019 15:33

Instrument :

BNA_G

ClientSampleId :

DFTPP

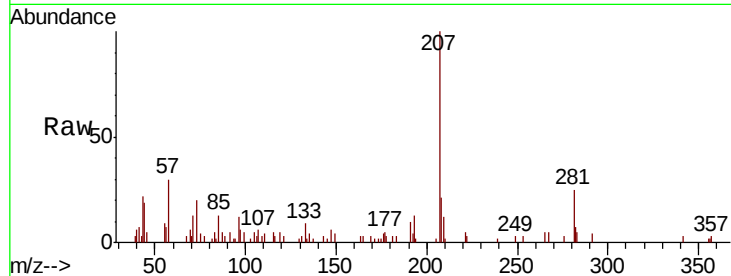
Tgt Ion: 276 Resp: 73

Ion Ratio Lower Upper

276 100

277 0.0 19.6 29.4#

138 0.0 14.7 22.1#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

