

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035874.D
 Acq On : 25 Jul 2018 15:13
 Operator : JU/SJ
 Sample : DFTPP
 Misc : MDL 8PPM
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jul 25 17:07:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 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	-8.02
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.83
38) Acenaphthene-d10	14.74	164	69	20.00	ng	0.09
63) Phenanthrene-d10	17.41	188	95	20.00	ng	0.02
75) Chrysene-d12	21.69	240	73	20.00	ng	0.03
86) Perylene-d12	25.08	264	54	20.00	ng	0.22

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.35	99	65	0.00	ng	0.16
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.55	172	66	12.81	ng	0.27
78) Terphenyl-d14	20.00	244	1748	527.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) 1,1'-Biphenyl	13.56	154	80	14.955	ng	# 43
47) 2-Nitroaniline	13.83	65	66	44.865	ng	# 9
49) Dimethylphthalate	13.99	163	70	11.579	ng	# 77
53) 2,4-Dinitrophenol	14.90	184	59	92.111	ng	# 1
54) Dibenzofuran	15.36	168	62	8.978	ng	# 46
55) 4-Nitrophenol	14.96	139	58	64.727	ng	# 1
57) Fluorene	15.85	166	59	10.194	ng	# 7
58) 2,3,4,6-Tetrachlorophenol	15.38	232	66	40.402	ng	# 40
59) Diethylphthalate	15.51	149	55	8.848	ng	# 58
61) 4-Nitroaniline	16.05	138	54	41.028	ng	# 12
62) Azobenzene	16.38	77	60	9.785	ng	# 48
65) n-Nitrosodiphenylamine	15.99	169	54	19.970	ng	# 23
67) Hexachlorobenzene	16.54	284	59	51.982	ng	# 41
68) Atrazine	17.05	200	8482	7618.524	ng	# 35
69) Pentachlorophenol	17.05	266	39016	56435.939	ng	94
70) Phenanthrene	17.82	178	236	49.786	ng	# 1
71) Anthracene	17.82	178	236	49.999	ng	# 1
72) Carbazole	17.82	167	3376	753.139	ng	# 84
73) Di-n-butylphthalate	18.37	149	273	51.537	ng	# 78
74) Fluoranthene	19.46	202	91	14.252	ng	65
76) Benzidine	19.63	184	245733	128040.042	ng	99
77) Pyrene	19.82	202	62	13.432	ng	# 57
79) Butylbenzylphthalate	20.68	149	177	107.230	ng	# 20
80) Benzo(a)anthracene	21.66	228	85	18.685	ng	# 50
81) 3,3'-Dichlorobenzidine	21.61	252	181	114.109	ng	# 26
82) Chrysene	21.75	228	60	14.233	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.58	149	316	140.815	ng	# 50
84) Di-n-octyl phthalate	22.78	149	301	80.109	ng	# 1
85) Indeno(1,2,3-cd)pyrene	28.65	276	63	13.498	ng	# 53
87) Benzo(b)fluoranthene	24.03	252	140	42.656	ng	# 59
88) Benzo(k)fluoranthene	24.08	252	76	23.685	ng	# 60
89) Benzo(a)pyrene	24.88	252	81	26.528	ng	# 59
90) Dibenzo(a,h)anthracene	28.85	278	71	23.685	ng	# 58
91) Benzo(g,h,i)perylene	29.64	276	71	24.204	ng	# 56

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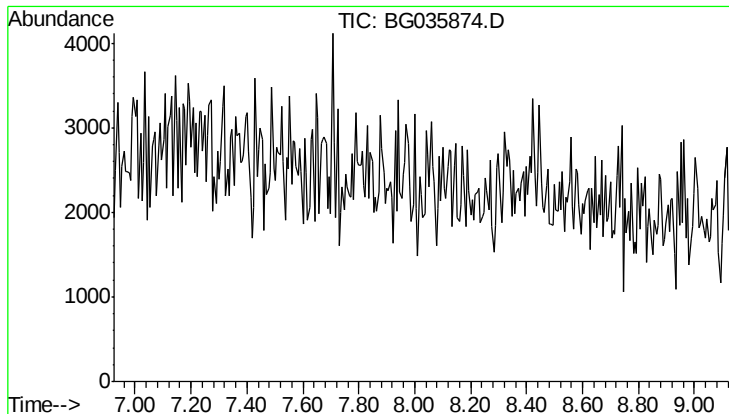
Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Jul 25 17:07:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

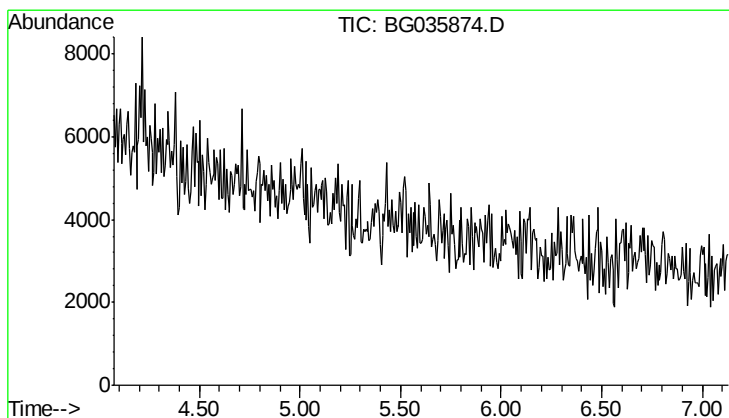
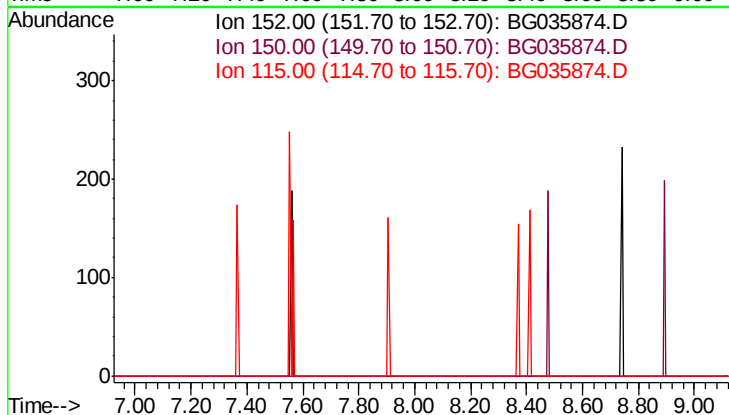
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
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#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.02 min
 Lab File: BG035874.D
 Acq: 25 Jul 2018 15:13

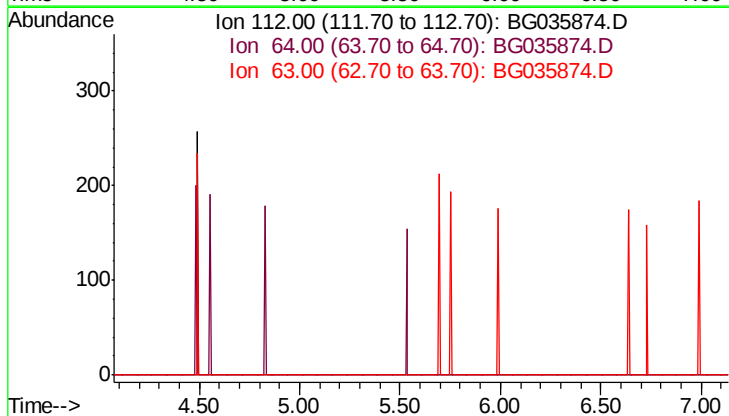
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

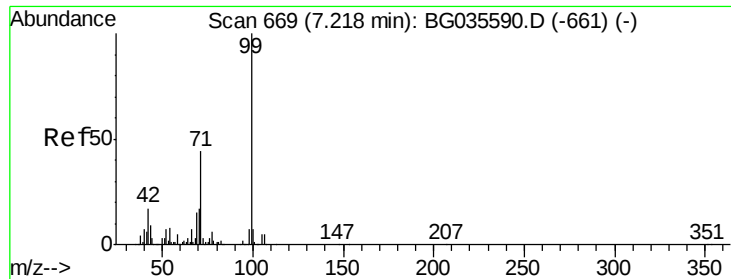
Tgt Ion	Exp Ratio
152	100
150	158.2
115	66.2



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.60 min
 Lab File: BG035874.D
 Acq: 25 Jul 2018 15:13

Tgt Ion	Exp Ratio
112	100
64	70.4
63	37.6





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.35 min Scan# 692

Delta R.T. 0.16 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

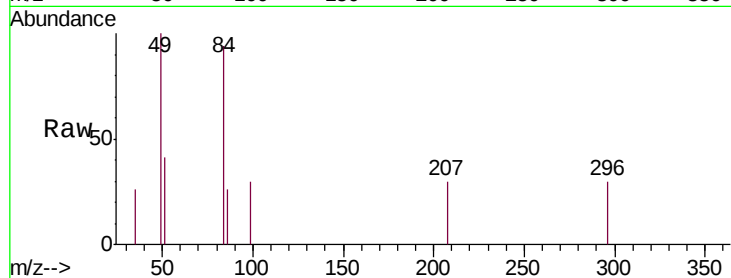
Tgt Ion: 99 Resp: 65

Ion Ratio Lower Upper

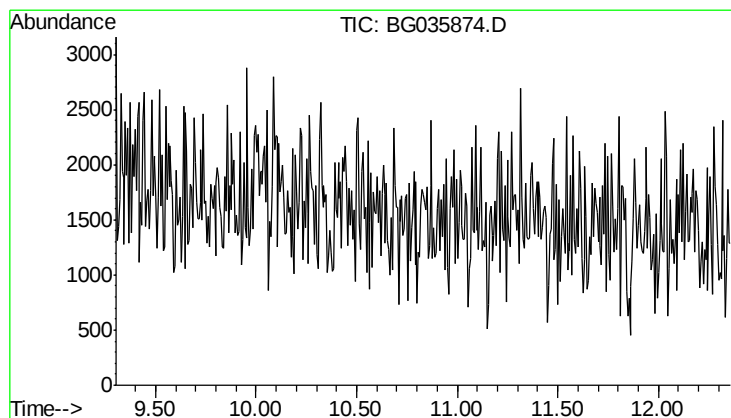
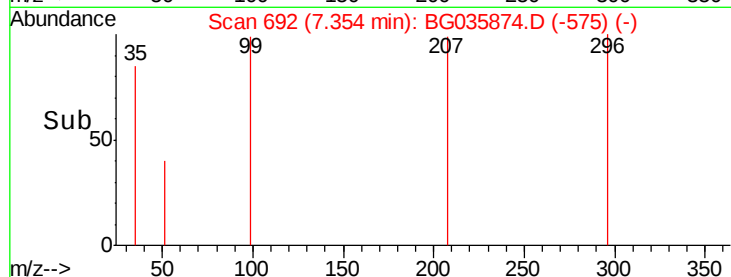
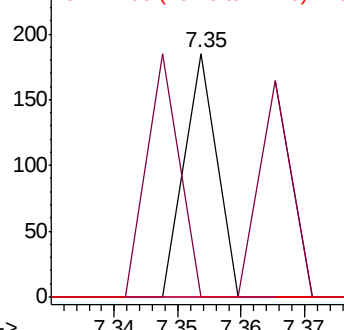
99 100

42 0.0 14.1 21.1#

71 0.0 26.1 39.1#



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



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.83 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Tgt Ion: 136

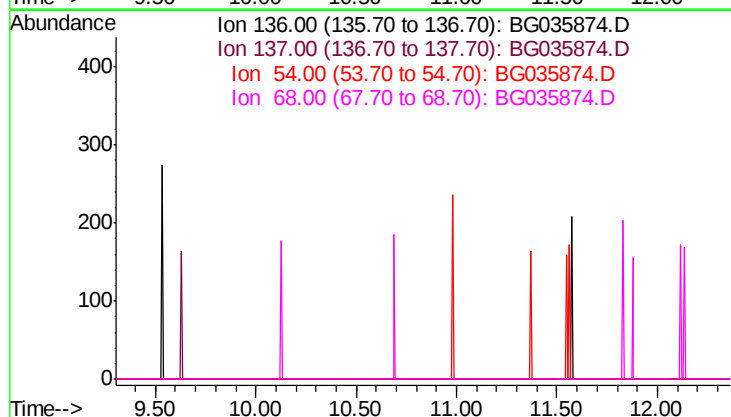
Sig Exp Ratio

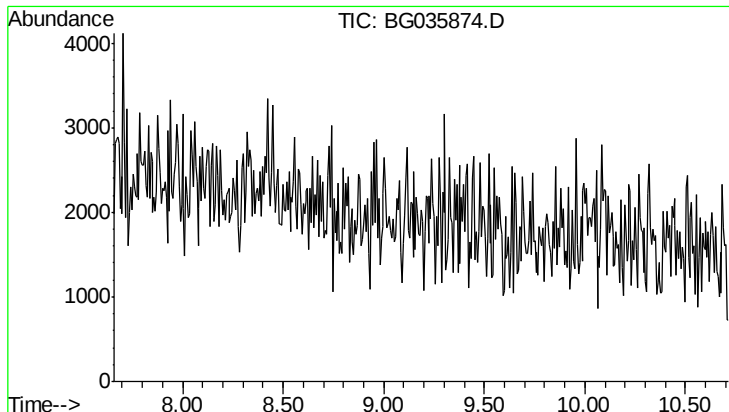
136 100

137 11.5

54 12.9

68 5.6

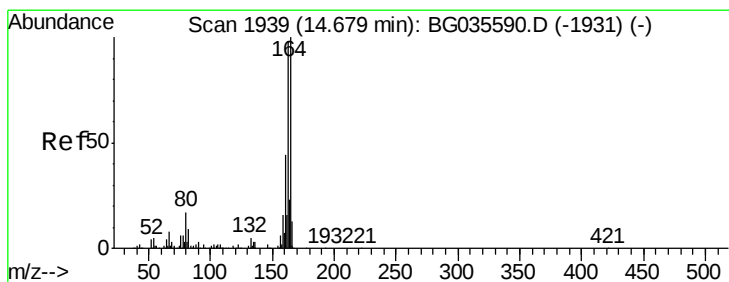




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.19 min
 Lab File: BG035874.D
 Acq: 25 Jul 2018 15:13

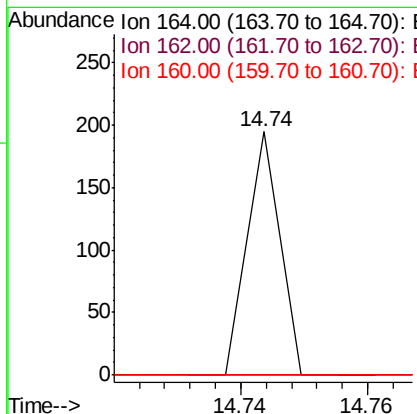
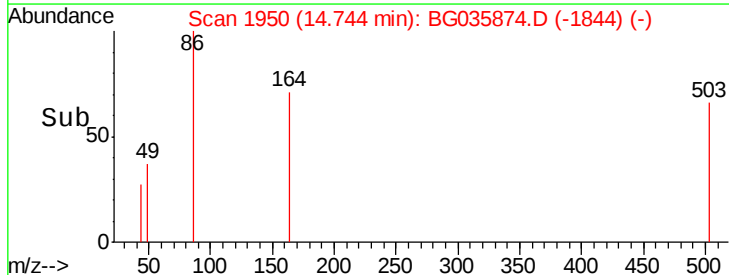
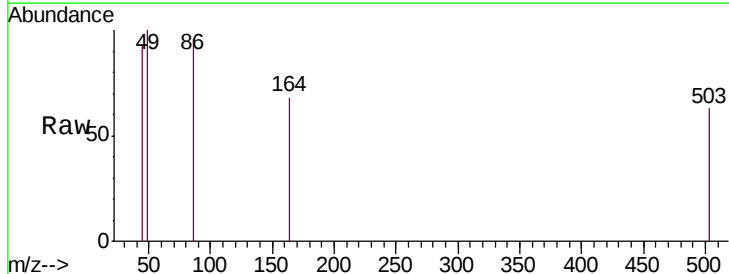
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

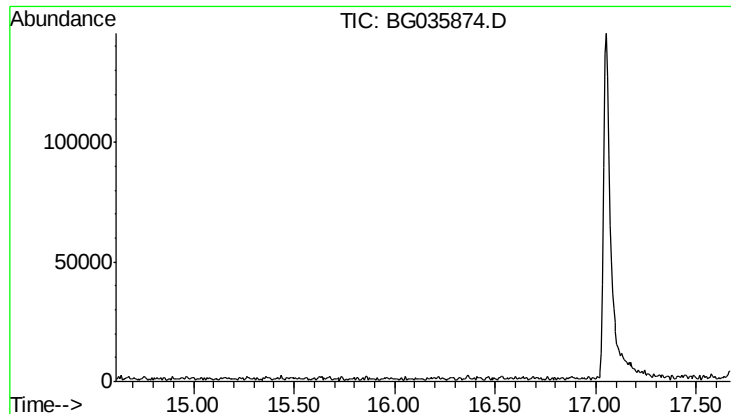
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 53.9



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. 0.09 min
 Lab File: BG035874.D
 Acq: 25 Jul 2018 15:13

Tgt Ion: 164 Resp: 69
 Ion Ratio Lower Upper
 164 100
 162 0.0 78.8 118.2#
 160 0.0 35.4 53.0#





#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.14 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

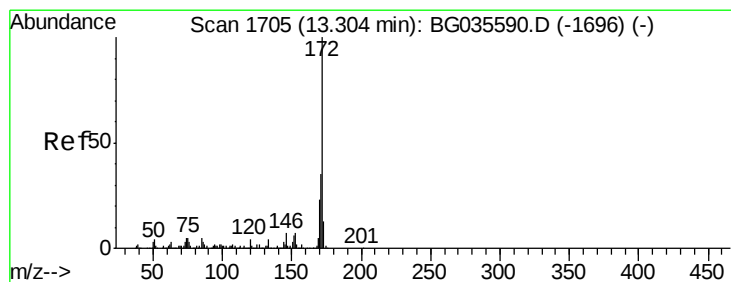
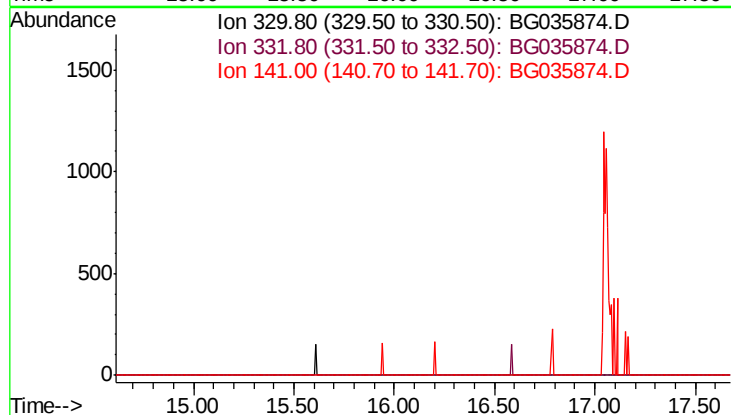
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.3

141 31.5



#44

2-Fluorobiphenyl

Concen: 12.815 ng

RT: 13.55 min Scan# 1746

Delta R.T. 0.27 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

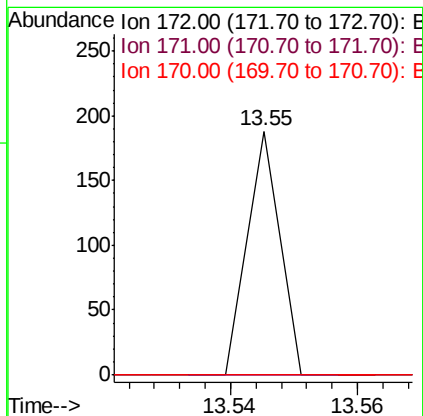
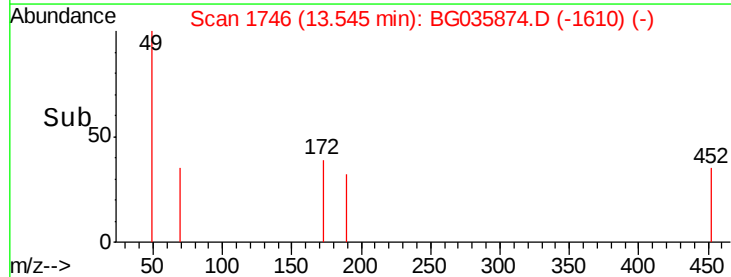
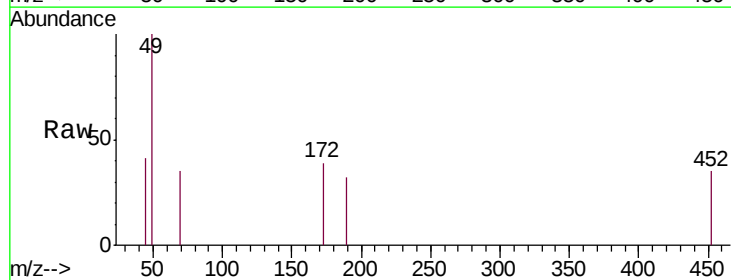
Tgt Ion: 172 Resp: 66

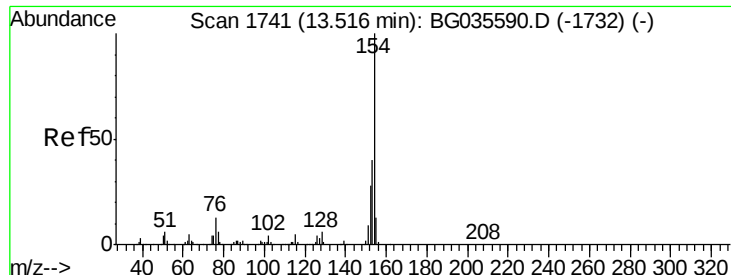
Ion Ratio Lower Upper

172 100

171 0.0 30.0 45.0#

170 0.0 19.5 29.3#

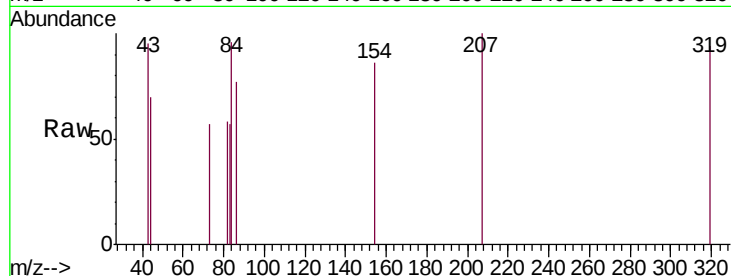




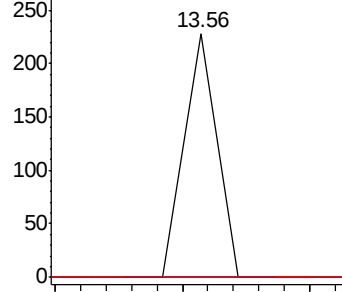
#45
 1,1'-Biphenyl
 Concen: 14.955 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. 0.08 min
 Lab File: BG035874.D
 Acq: 25 Jul 2018 15:13

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

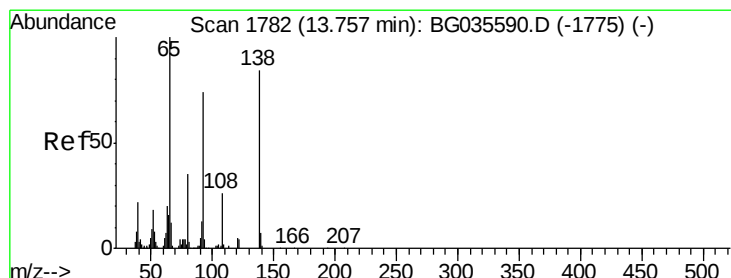
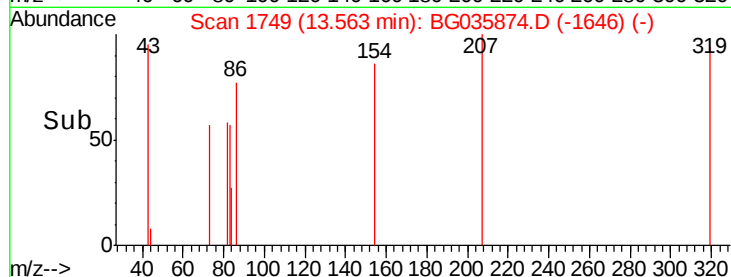
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	19.8	59.8#
76	0.0	0.0	31.9



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

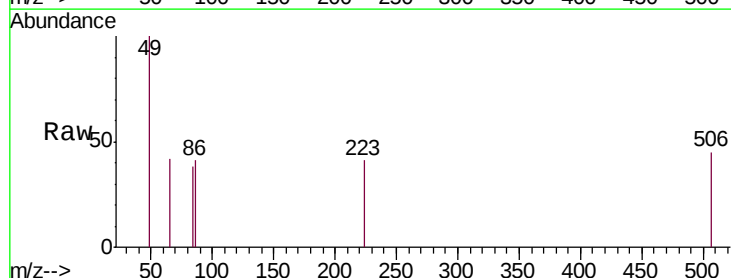


Time--> 13.54 13.56 13.58

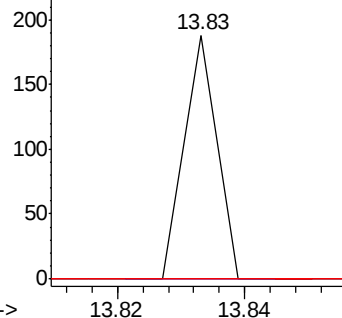


#47
 2-Nitroaniline
 Concen: 44.865 ng
 RT: 13.83 min Scan# 1795
 Delta R.T. 0.10 min
 Lab File: BG035874.D
 Acq: 25 Jul 2018 15:13

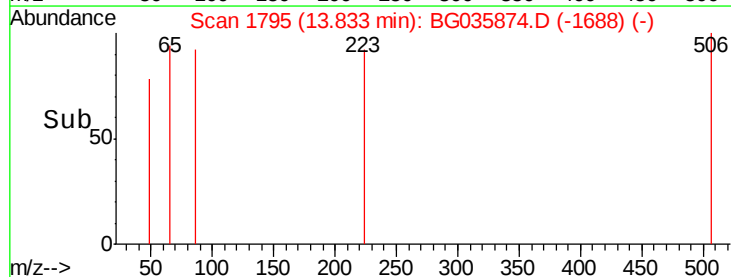
Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#

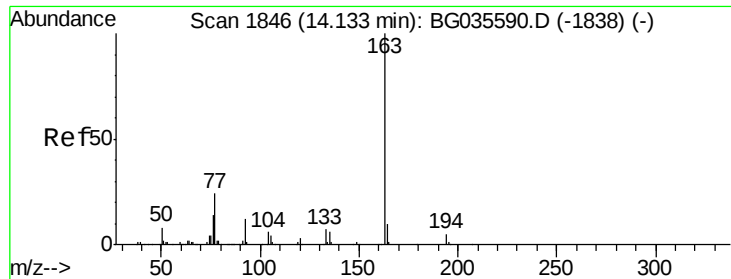


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E



Time--> 13.82 13.84





#49

Dimethylphthalate

Concen: 11.579 ng

RT: 13.99 min Scan# 1822

Delta R.T. -0.11 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

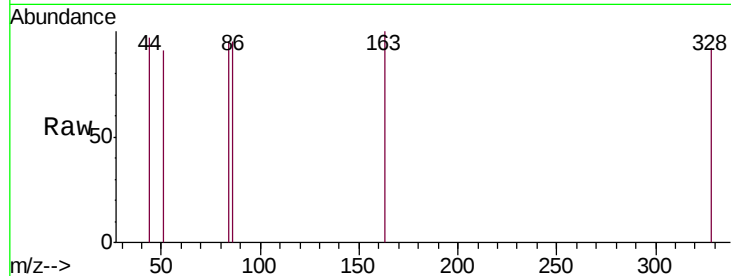
Tgt Ion:163 Resp: 70

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

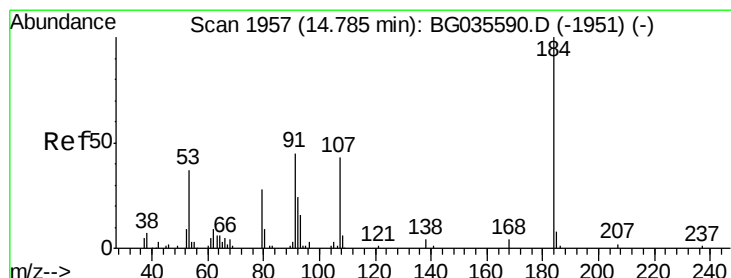
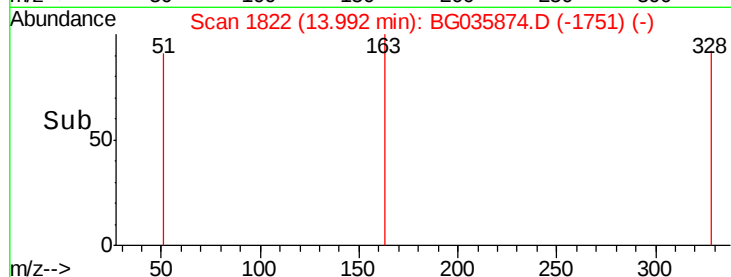
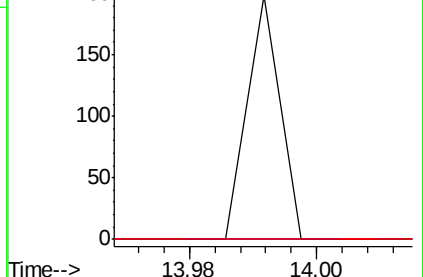
164 0.0 8.2 12.4#



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



#53

2,4-Dinitrophenol

Concen: 92.111 ng

RT: 14.90 min Scan# 1976

Delta R.T. 0.13 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

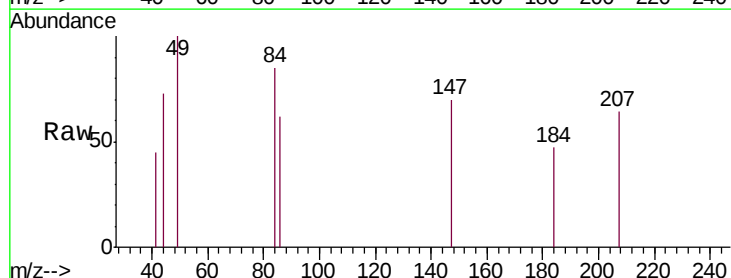
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

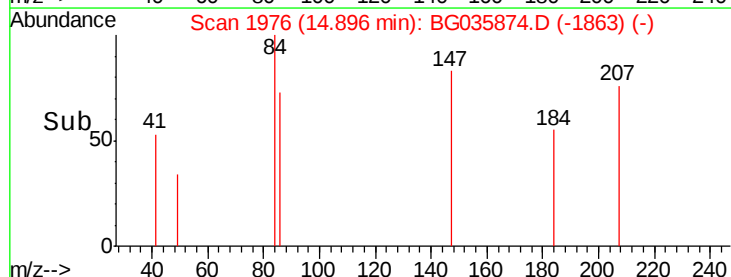
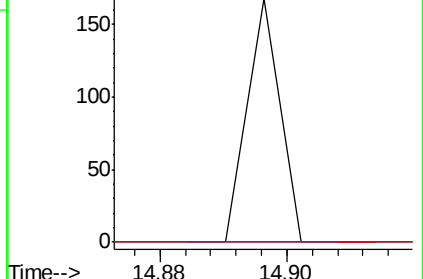
154 0.0 101.8 152.8#

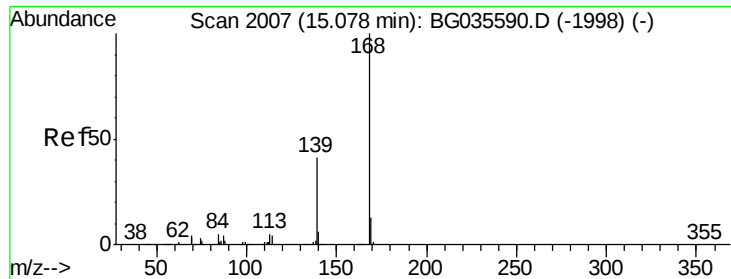


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 8.978 ng

RT: 15.36 min Scan# 2055

Delta R.T. 0.31 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

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DFTPP

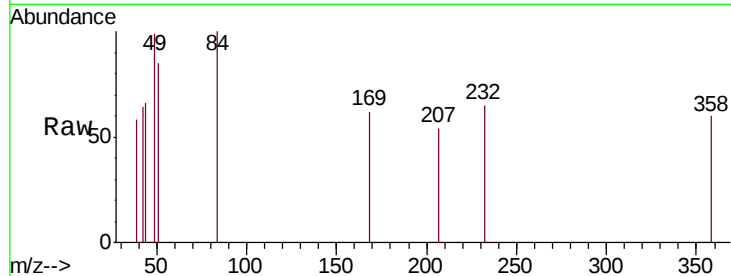
Tgt Ion:168 Resp: 62

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

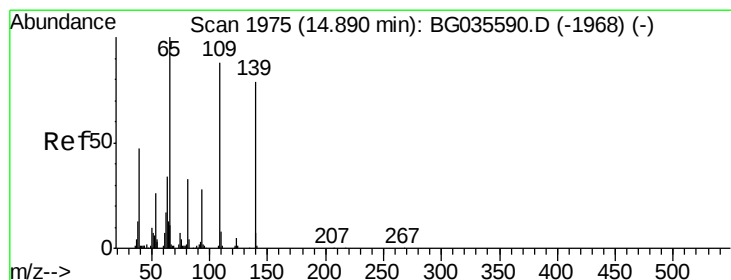
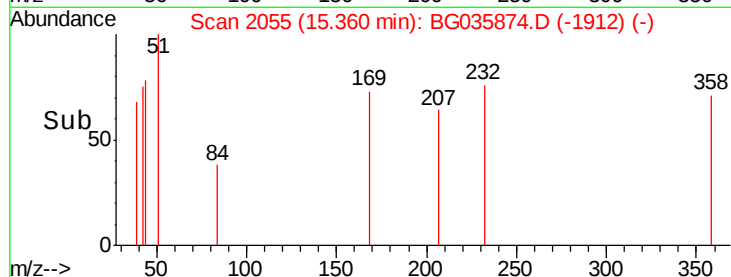
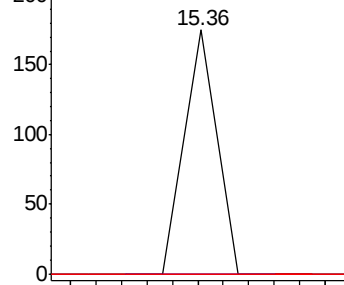
169 0.0 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 64.727 ng

RT: 14.96 min Scan# 1987

Delta R.T. 0.09 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

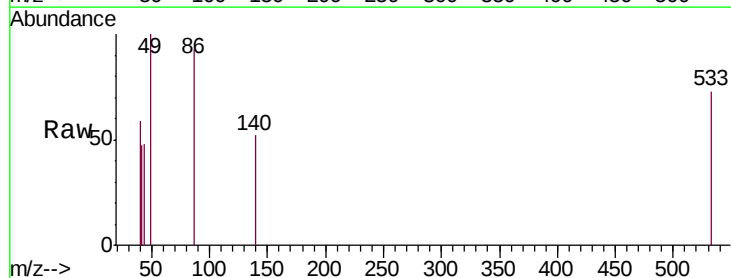
Tgt Ion:139 Resp: 58

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

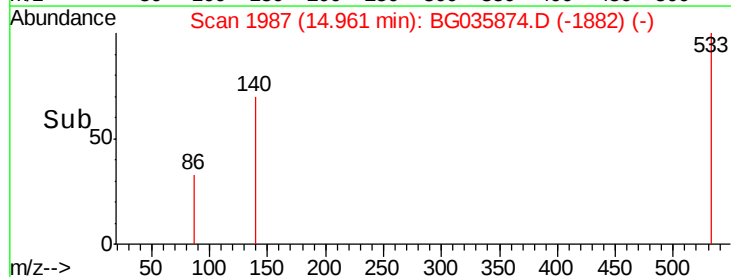
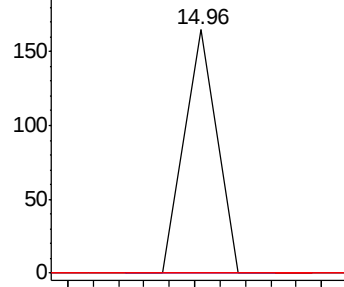
65 0.0 97.2 137.2#

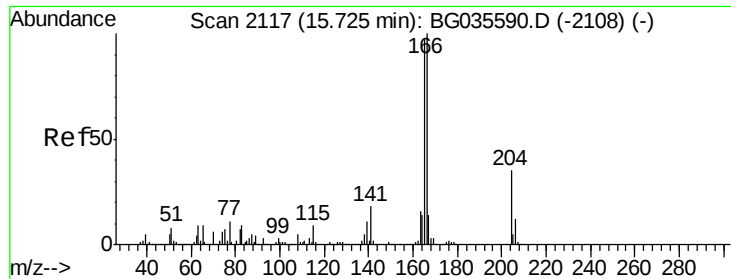


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

Fluorene

Concen: 10.194 ng

RT: 15.85 min Scan# 2139

Delta R.T. 0.16 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

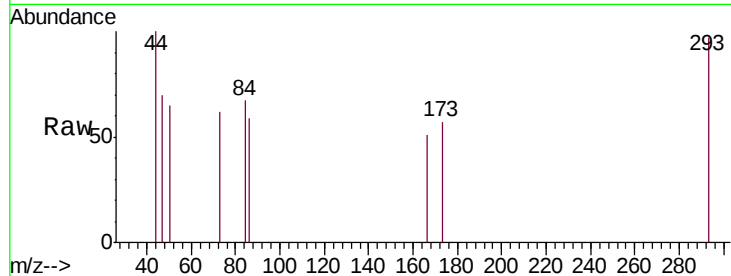
Tgt Ion:166 Resp: 59

Ion Ratio Lower Upper

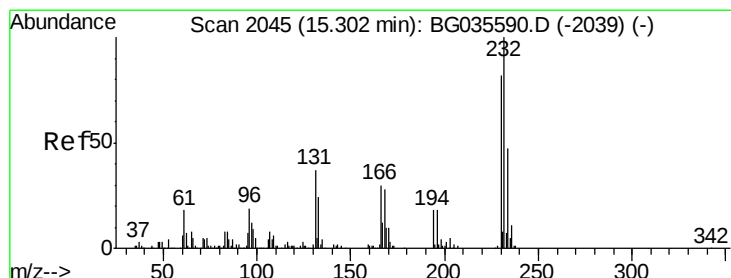
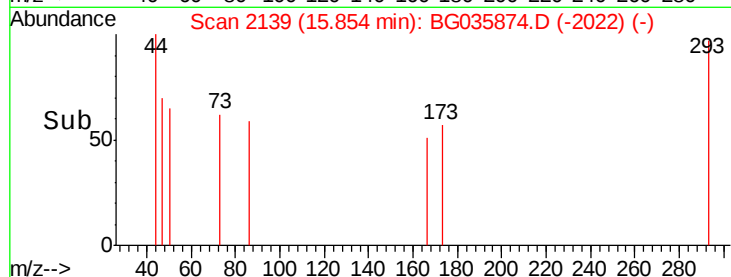
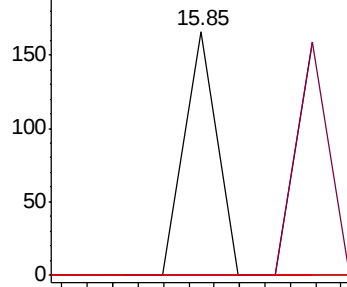
166 100

165 0.0 80.6 121.0#

167 0.0 10.4 15.6#



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.402 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.10 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Tgt Ion:232 Resp: 66

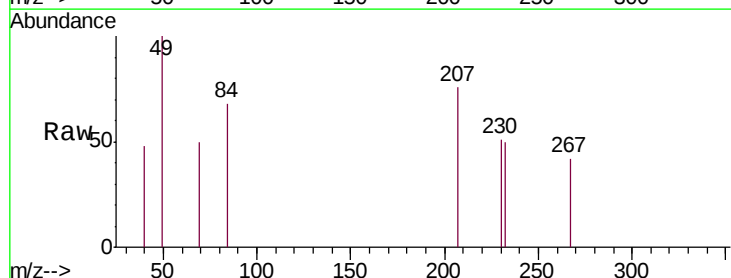
Ion Ratio Lower Upper

232 100

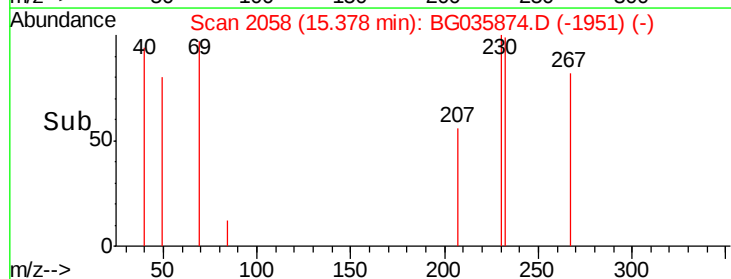
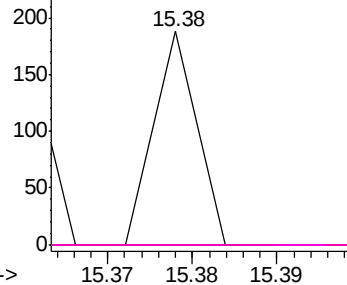
131 0.0 33.5 50.3#

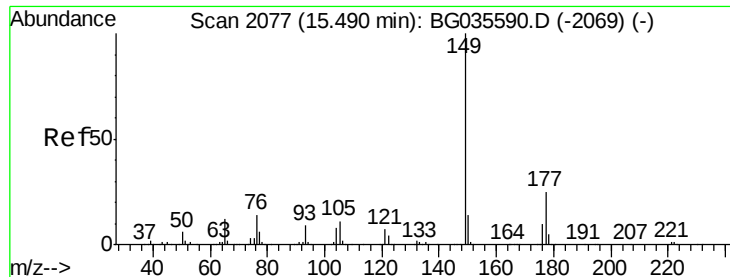
130 0.0 2.2 3.2#

166 0.0 24.8 37.2#



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





#59

Diethylphthalate

Concen: 8.848 ng

RT: 15.51 min Scan# 2081

Delta R.T. 0.05 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

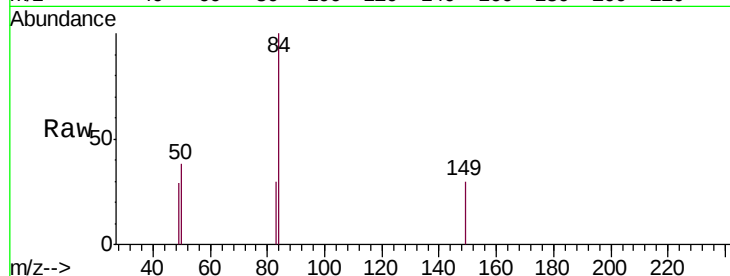
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

150 0.0 10.2 15.2#



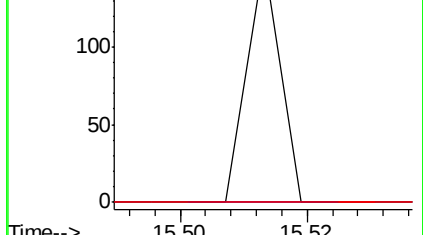
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

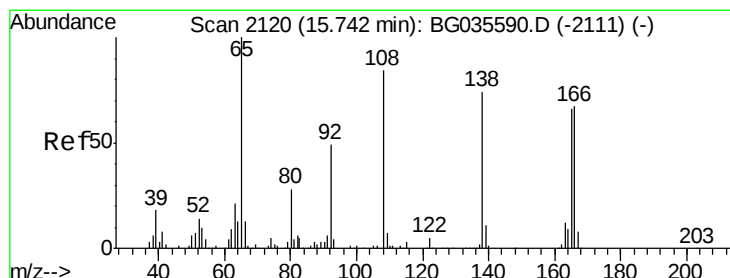
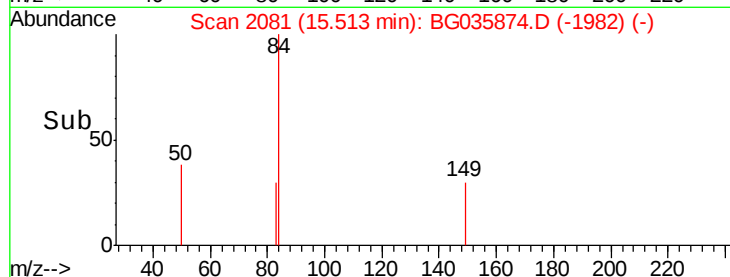
Ion 150.00 (149.70 to 150.70): E

15.51

15.52



Time-->



#61

4-Nitroaniline

Concen: 41.028 ng

RT: 16.05 min Scan# 2173

Delta R.T. 0.33 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

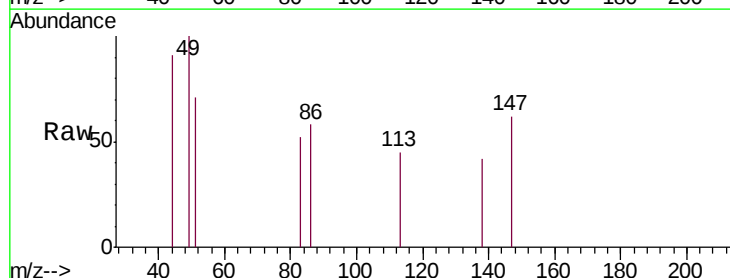
Tgt Ion:138 Resp: 54

Ion Ratio Lower Upper

138 100

92 0.0 40.1 80.1#

108 0.0 65.4 105.4#



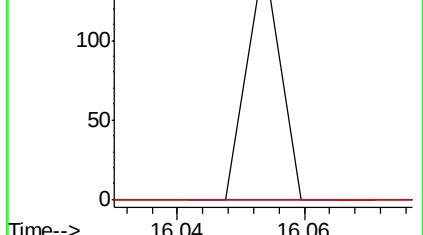
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

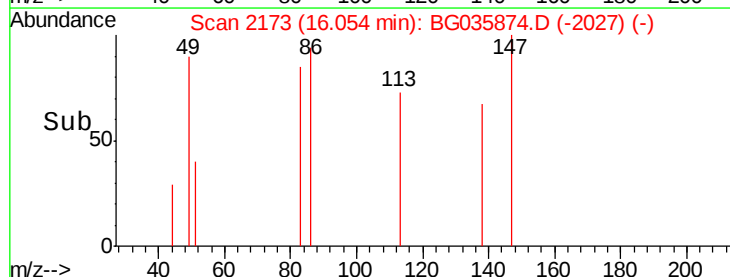
Ion 108.00 (107.70 to 108.70): E

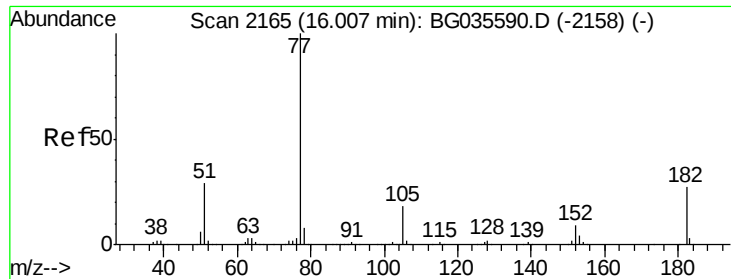
16.05

16.06



Time-->





#62

Azobenzene

Concen: 9.785 ng

RT: 16.38 min Scan# 2229

Delta R.T. 0.40 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion: 77 Resp: 60

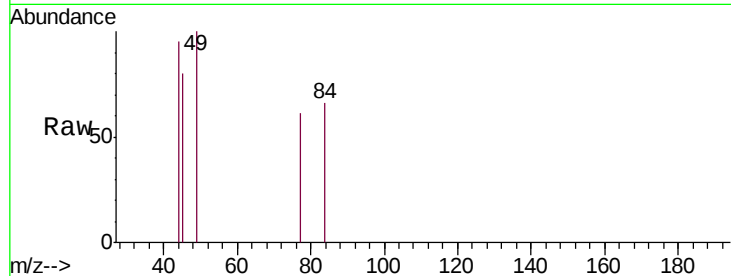
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#



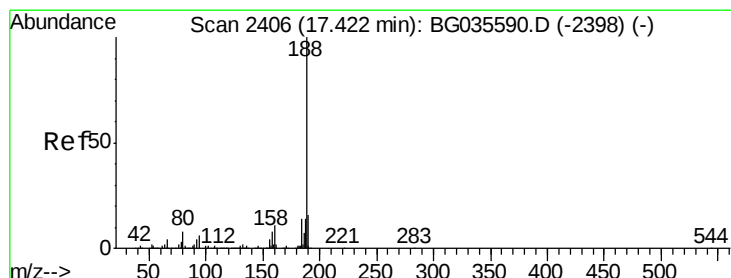
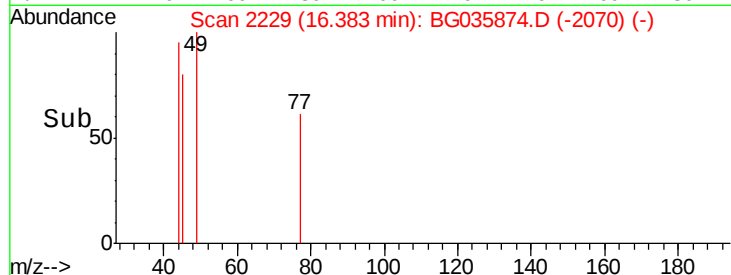
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

Time--> 16.36 16.38 16.40



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. 0.02 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

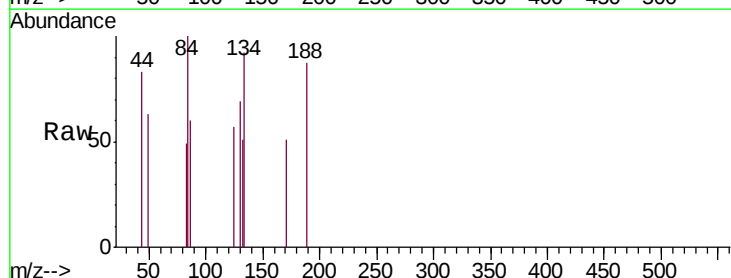
Tgt Ion: 188 Resp: 95

Ion Ratio Lower Upper

188 100

94 0.0 6.9 10.3#

80 0.0 7.7 11.5#

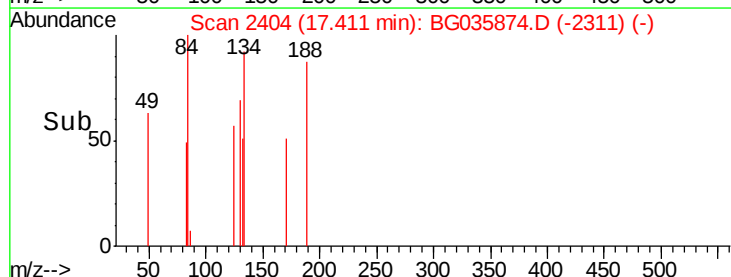


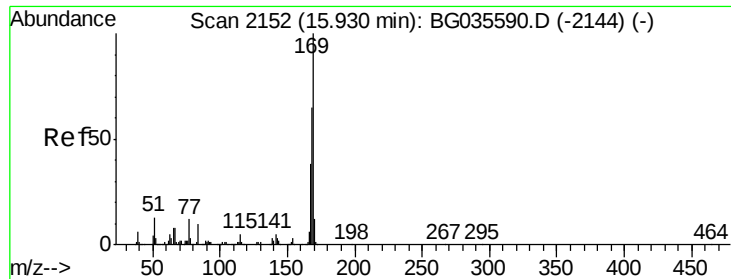
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.40 17.42





#65

n-Nitrosodiphenylamine

Concen: 19.970 ng

RT: 15.99 min Scan# 2163

Delta R.T. 0.09 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

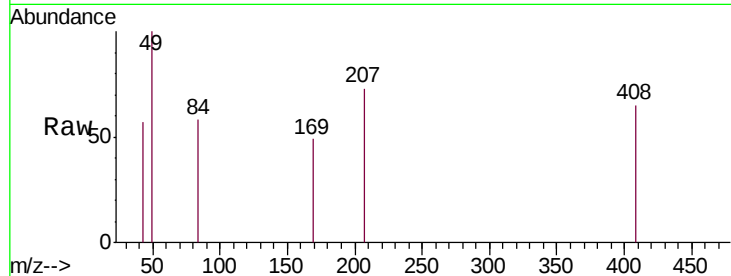
Tgt Ion:169 Resp: 54

Ion Ratio Lower Upper

169 100

168 0.0 55.7 83.5#

167 0.0 30.1 45.1#

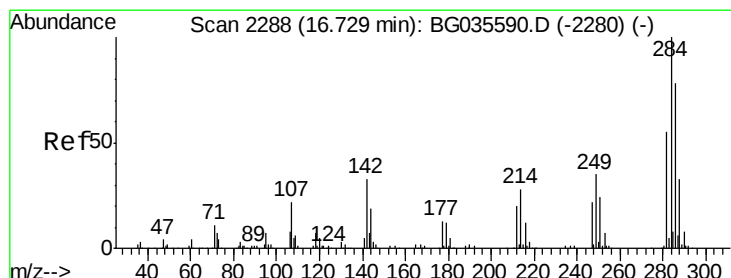
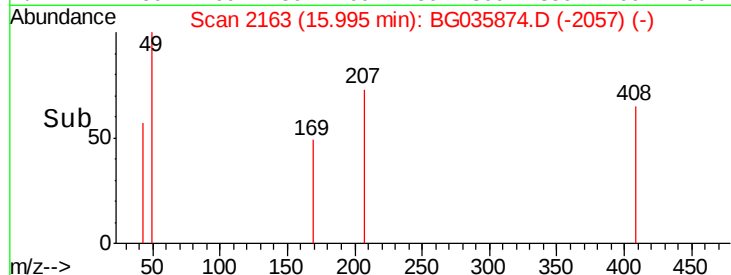
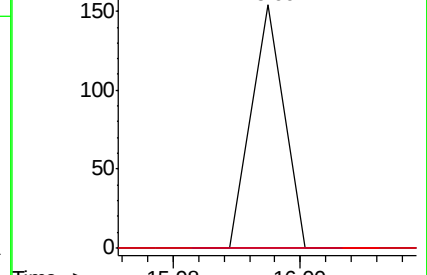


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.99



#67

Hexachlorobenzene

Concen: 51.982 ng

RT: 16.54 min Scan# 2255

Delta R.T. -0.17 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

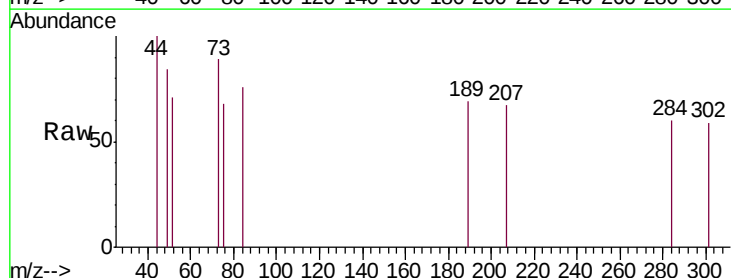
Tgt Ion:284 Resp: 59

Ion Ratio Lower Upper

284 100

142 0.0 26.8 40.2#

249 0.0 26.3 39.5#

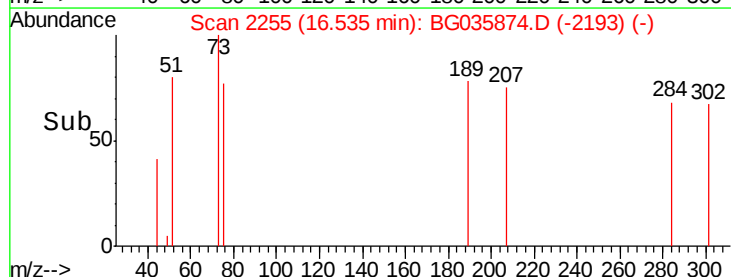
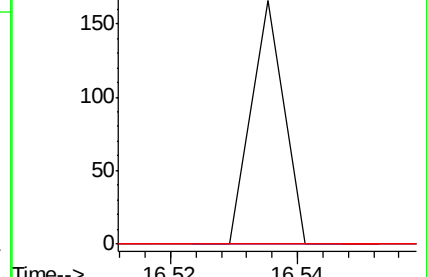


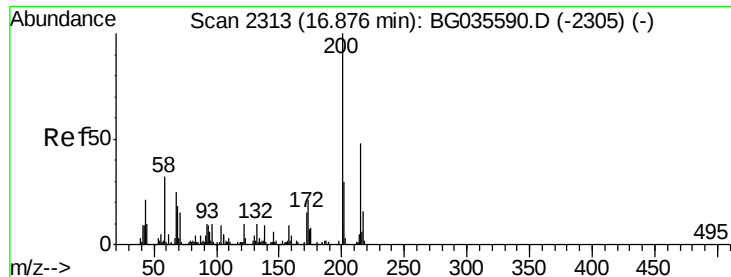
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.54





#68

Atrazine

Concen: 7618.524 ng

RT: 17.05 min Scan# 2342

Delta R.T. 0.20 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampled :

DFTPP

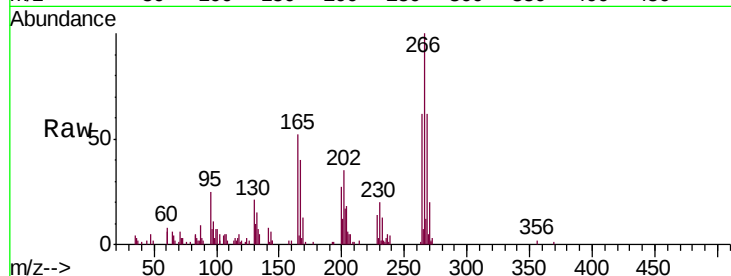
Tgt Ion:200 Resp: 8482

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

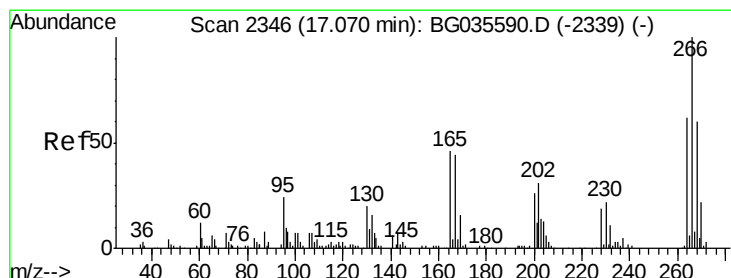
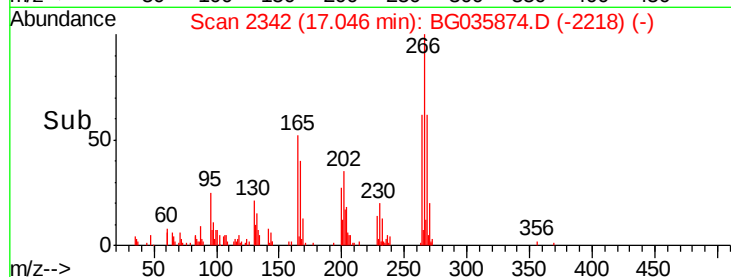
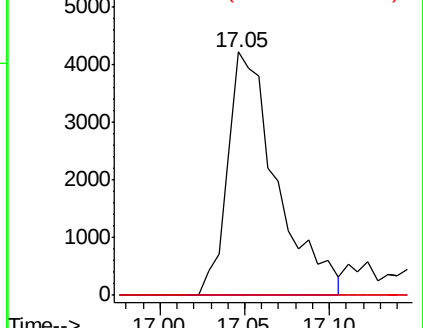
215 0.0 30.4 70.4#



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



#69

Pentachlorophenol

Concen: 56435.939 ng

RT: 17.05 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

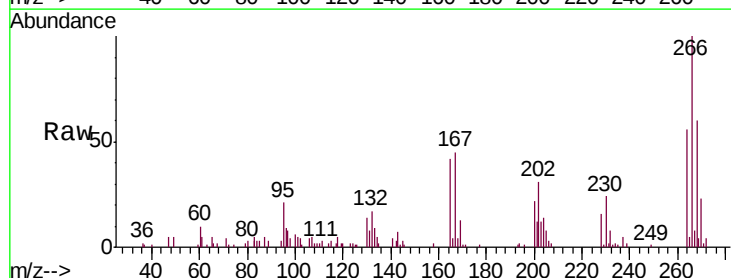
Tgt Ion:266 Resp: 39016

Ion Ratio Lower Upper

266 100

268 59.8 51.1 76.7

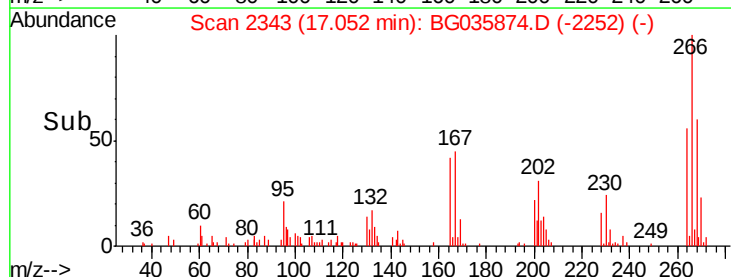
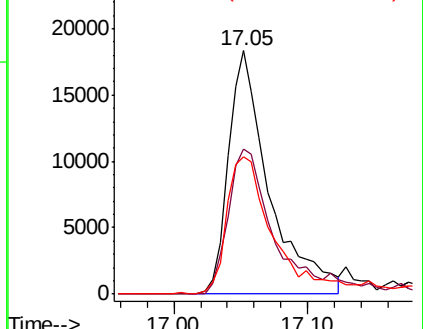
264 56.5 49.6 74.4

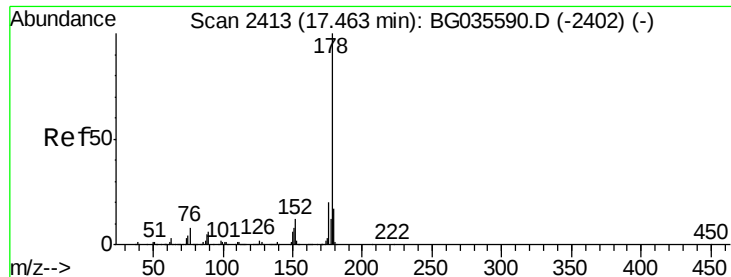


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 49.786 ng

RT: 17.82 min Scan# 2473

Delta R.T. 0.37 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampled :

DFTPP

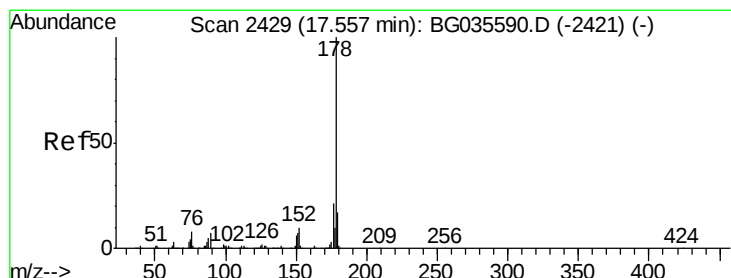
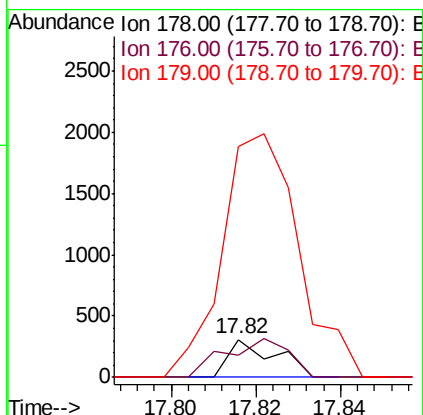
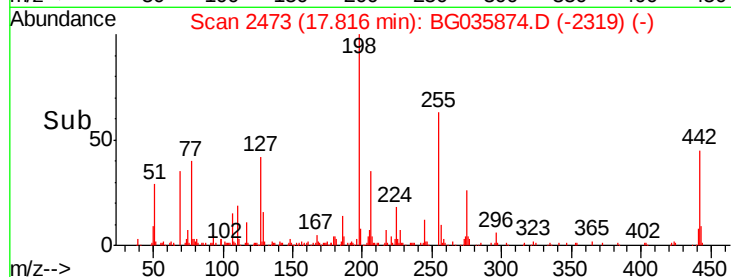
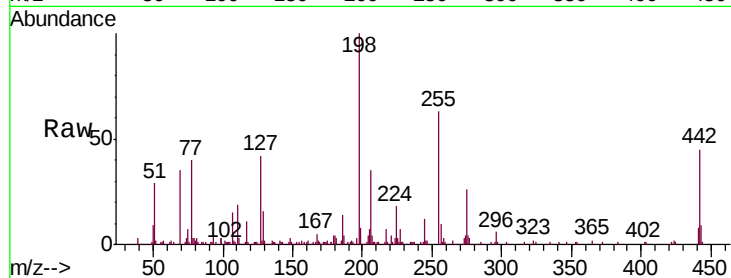
Tgt Ion:178 Resp: 236

Ion Ratio Lower Upper

178 100

176 59.9 15.7 23.5#

179 612.4 12.5 18.7#



#71

Anthracene

Concen: 49.999 ng

RT: 17.82 min Scan# 2473

Delta R.T. 0.29 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

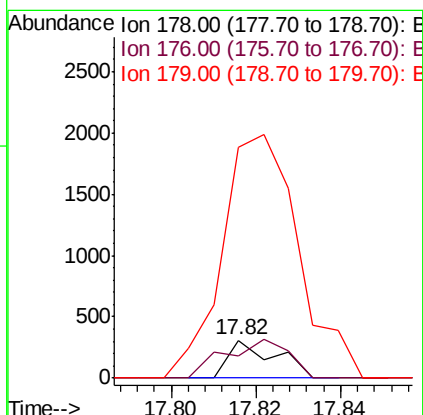
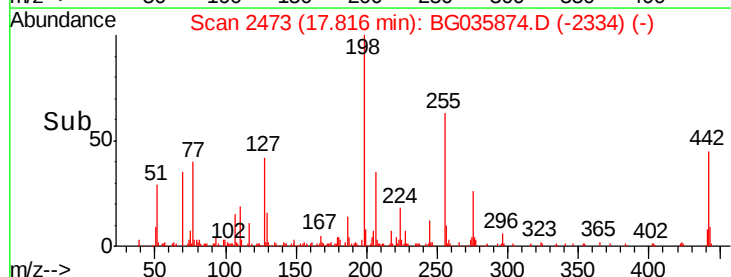
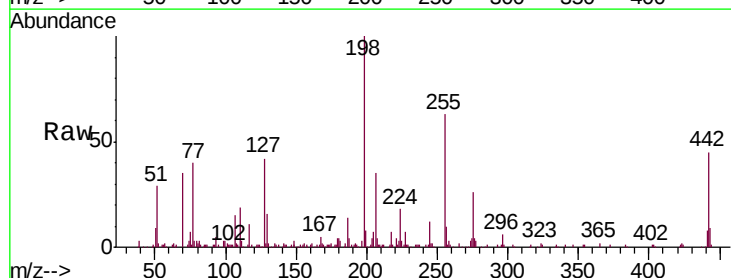
Tgt Ion:178 Resp: 236

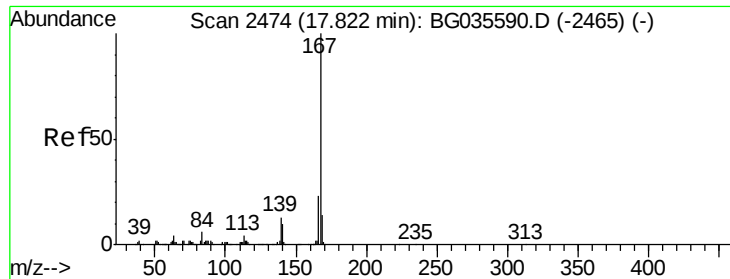
Ion Ratio Lower Upper

178 100

176 59.9 16.0 24.0#

179 612.4 12.5 18.7#





#72

Carbazole

Concen: 753.139 ng

RT: 17.82 min Scan# 2474

Delta R.T. 0.02 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

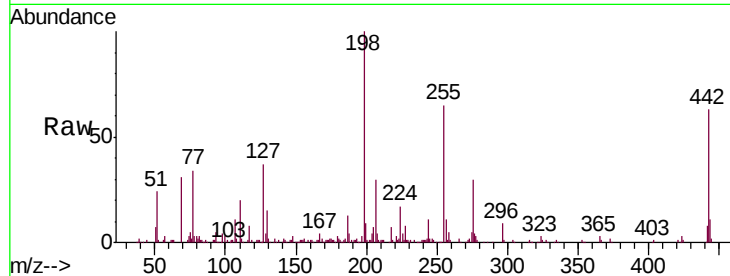
Tgt Ion:167 Resp: 3376

Ion Ratio Lower Upper

167 100

166 18.4 18.2 27.4

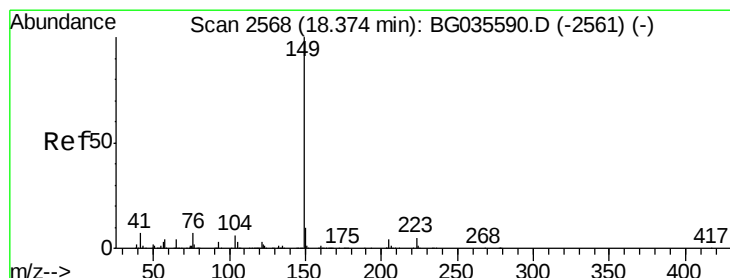
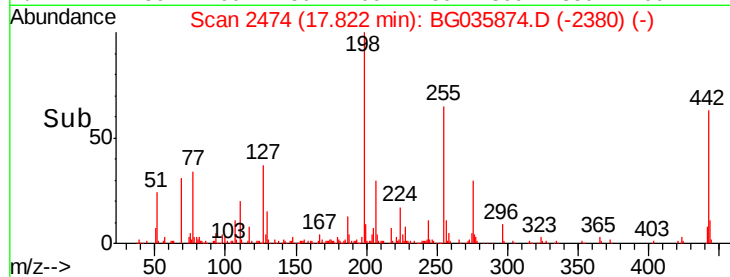
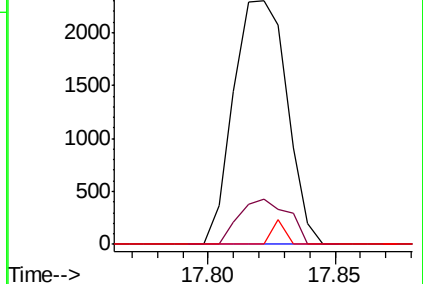
139 0.0 9.4 14.2#



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



#73

Di-n-butylphthalate

Concen: 51.537 ng

RT: 18.37 min Scan# 2568

Delta R.T. 0.02 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

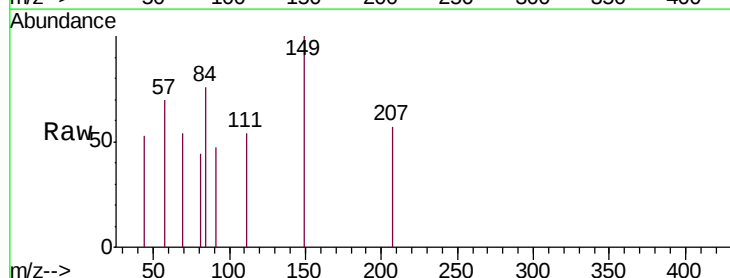
Tgt Ion:149 Resp: 273

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

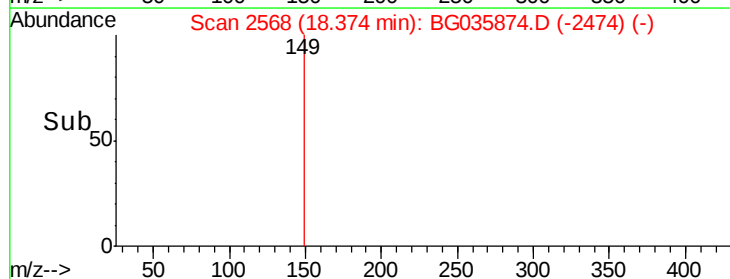
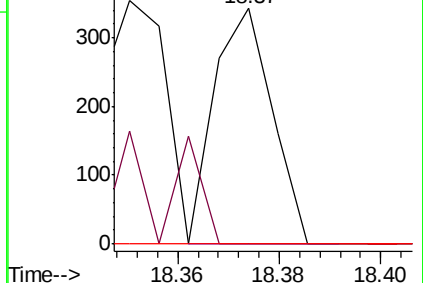
104 0.0 3.9 5.9#

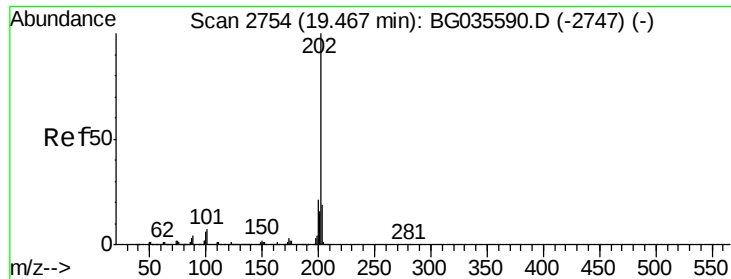


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 14.252 ng

RT: 19.46 min Scan# 2753

Delta R.T. 0.02 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

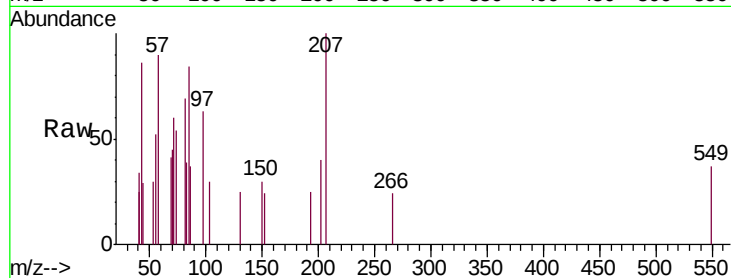
Instrument :

BNA_G

ClientSampleId :

DFTPP

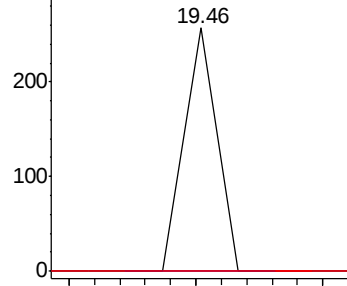
Tgt Ion:	202	Resp:	91
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5



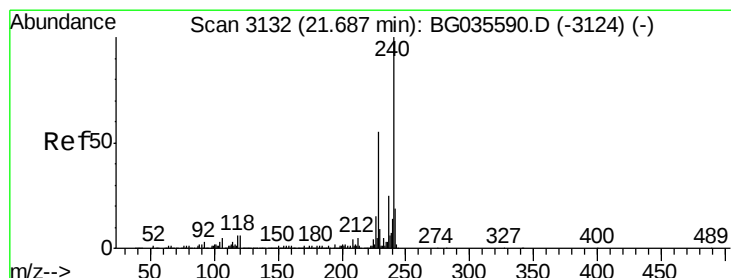
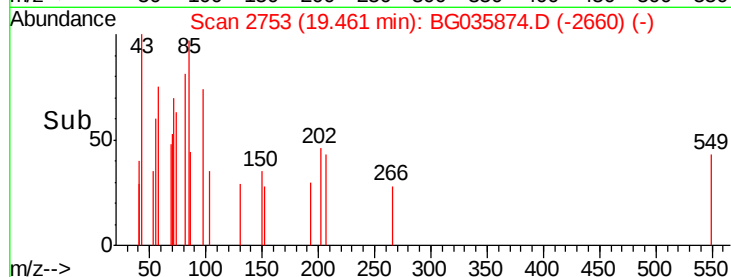
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

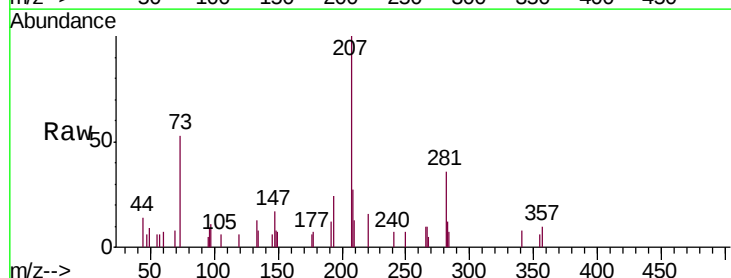
RT: 21.69 min Scan# 3132

Delta R.T. 0.03 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

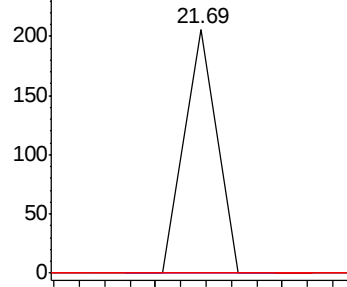
Tgt Ion:	240	Resp:	73
Ion	Ratio	Lower	Upper
240	100		
120	0.0	6.8	10.2#
236	0.0	20.9	31.3#



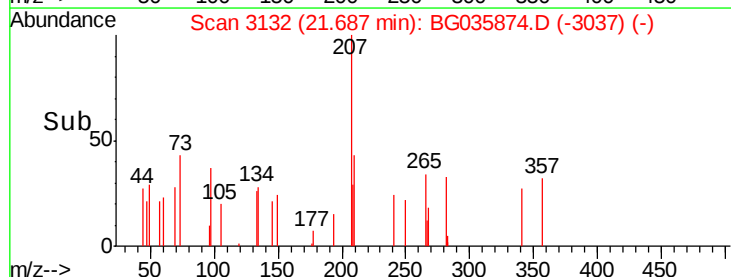
Abundance Ion 240.00 (239.70 to 240.70): E

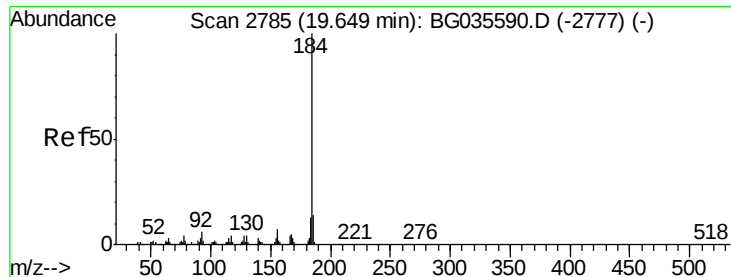
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 128040.042 ng

RT: 19.63 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

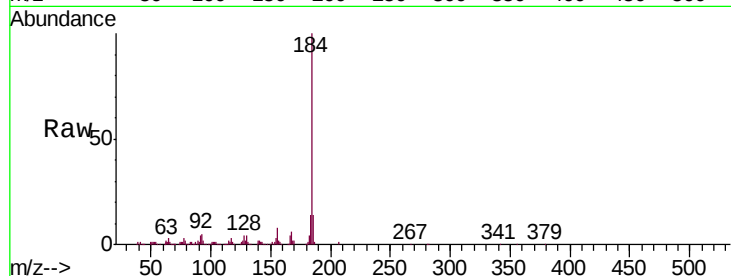
Tgt Ion:184 Resp: 245733

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

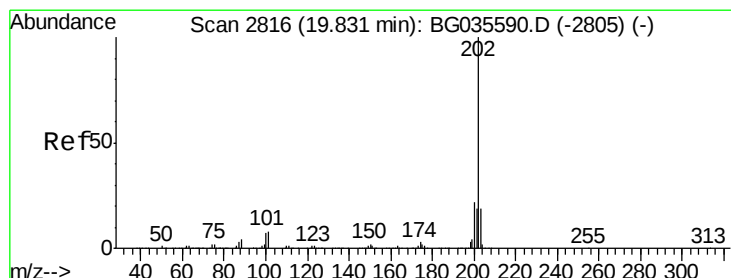
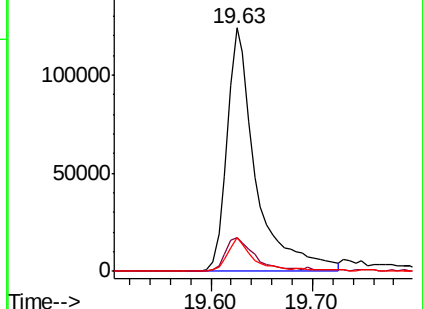
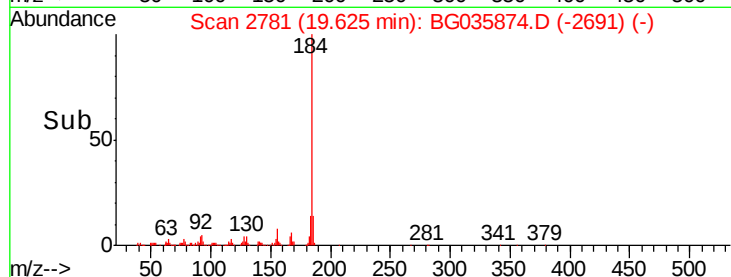
183 13.8 10.6 16.0



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



#77

Pyrene

Concen: 13.432 ng

RT: 19.82 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

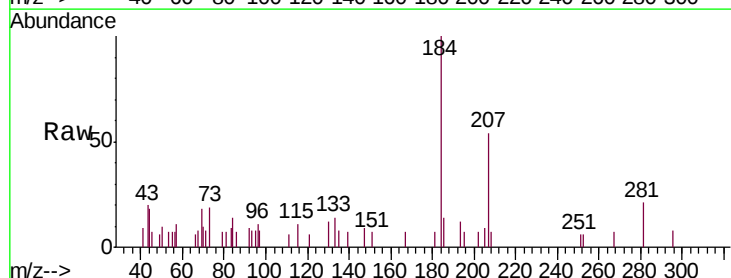
Tgt Ion:202 Resp: 62

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

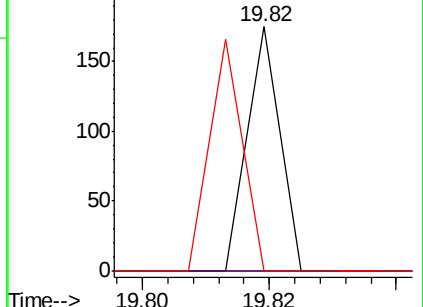
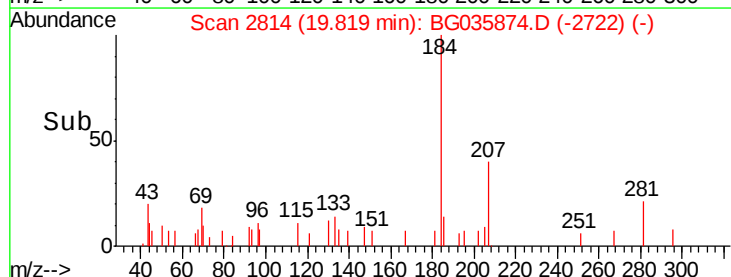
203 0.0 13.9 20.9#

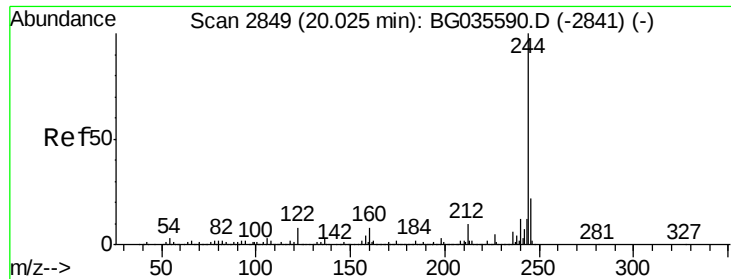


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 527.824 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

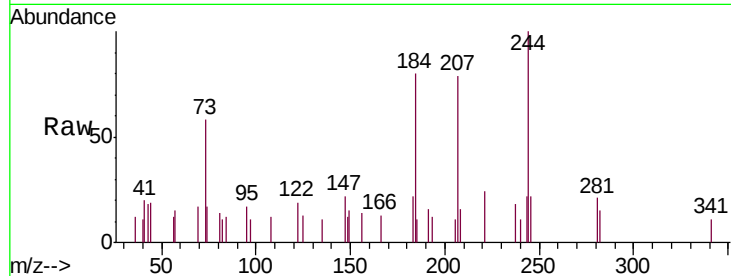
Tgt Ion:244 Resp: 1748

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

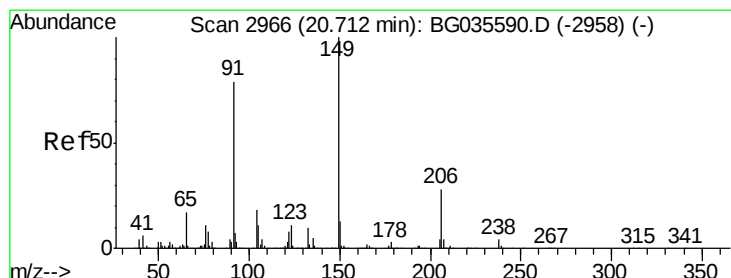
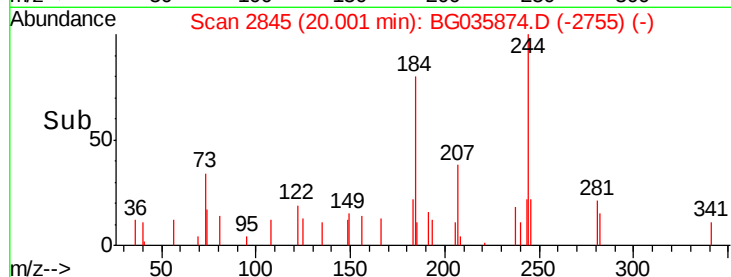
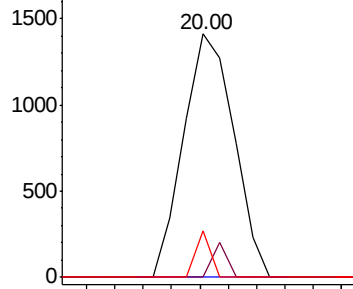
122 19.2 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 107.230 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

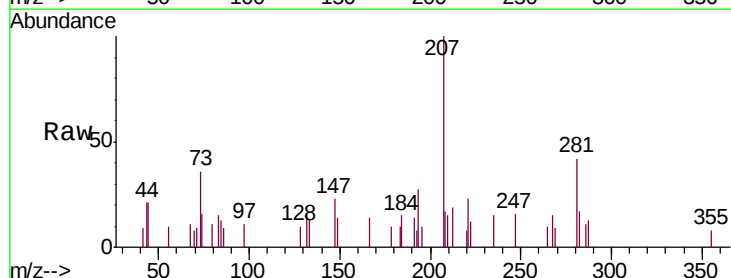
Tgt Ion:149 Resp: 177

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

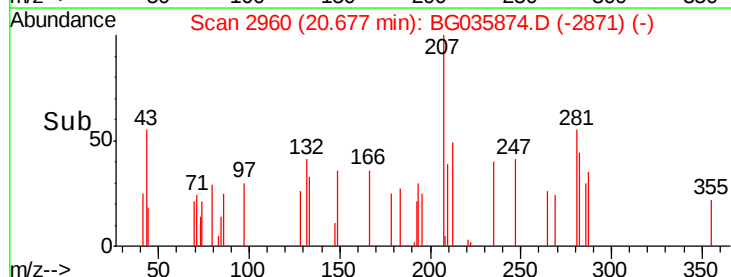
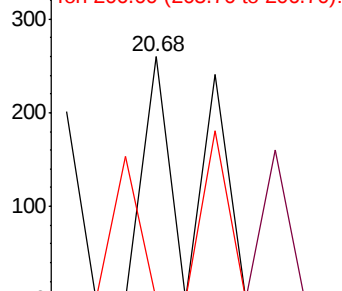
206 0.0 18.6 27.8#

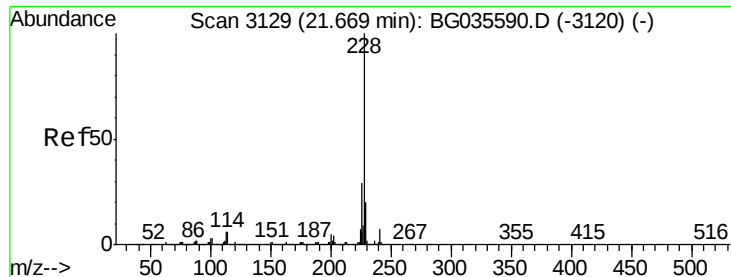


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 18.685 ng

RT: 21.66 min Scan# 3127

Delta R.T. 0.02 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

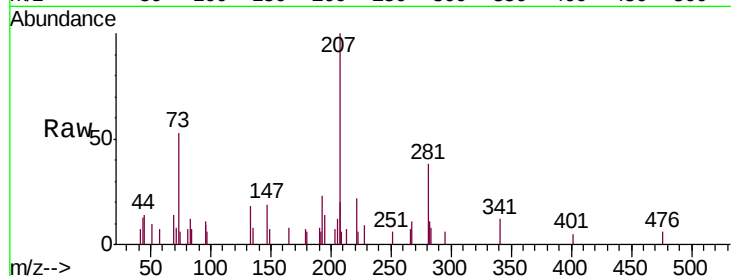
Tgt Ion: 228 Resp: 85

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

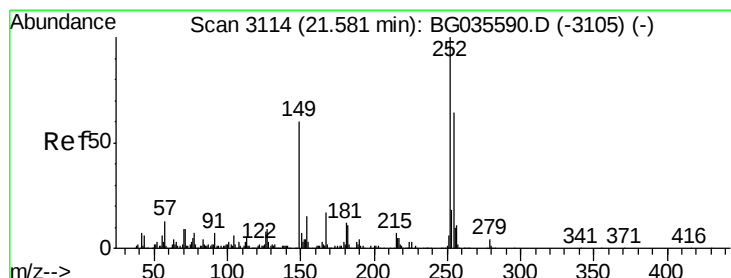
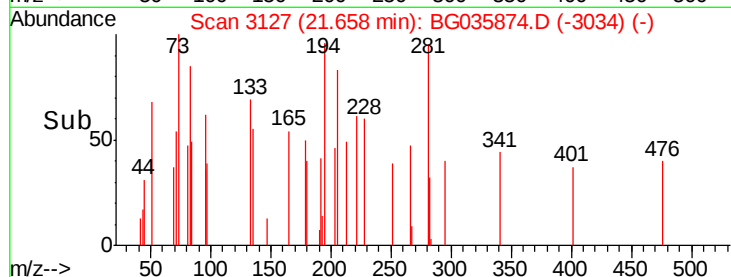
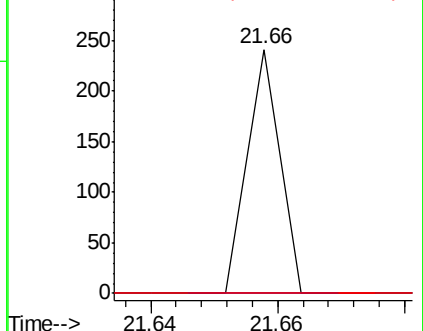
229 0.0 16.2 24.2#



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



#81

3,3'-Dichlorobenzidine

Concen: 114.109 ng

RT: 21.61 min Scan# 3119

Delta R.T. 0.05 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

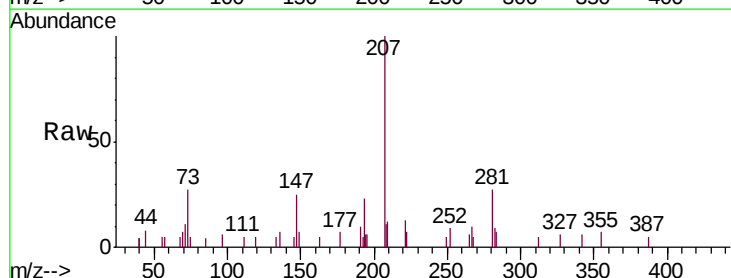
Tgt Ion: 252 Resp: 181

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

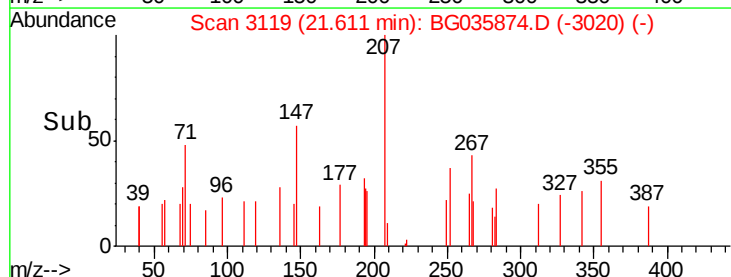
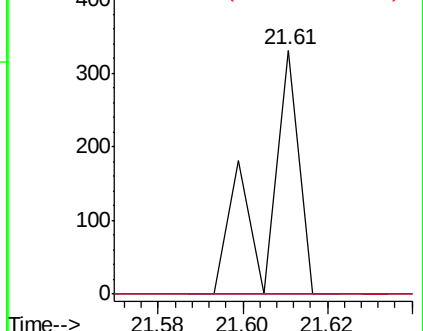
126 0.0 7.4 11.2#

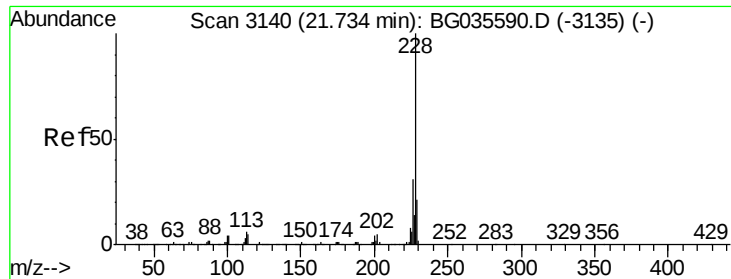


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 14.233 ng

RT: 21.75 min Scan# 3143

Delta R.T. 0.05 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

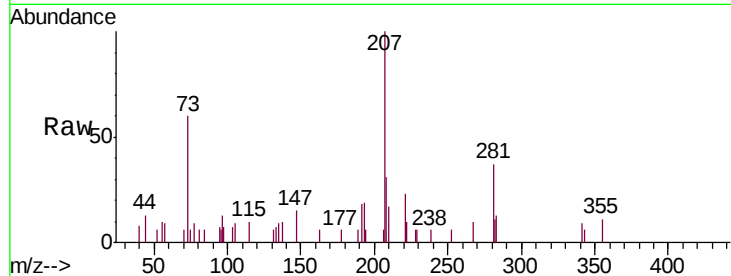
Tgt Ion:228 Resp: 60

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

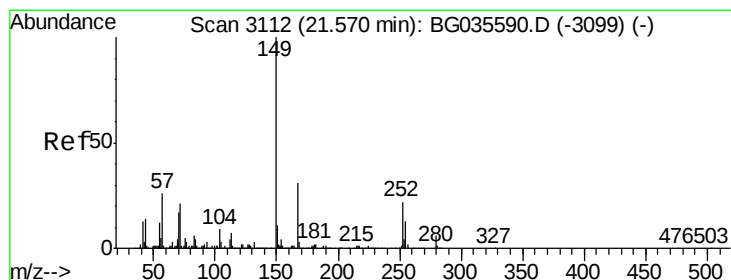
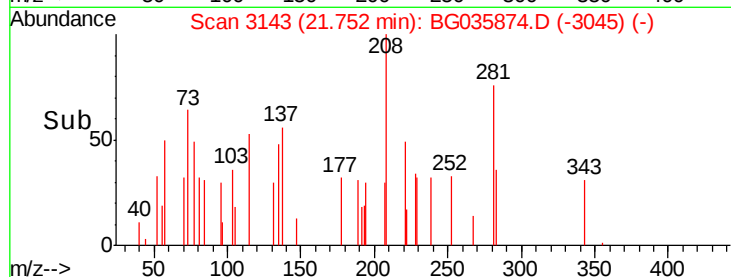
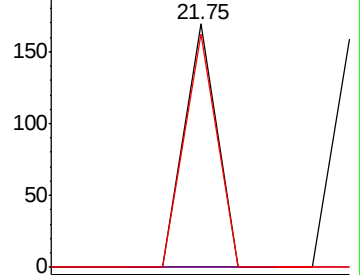
229 95.9 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 140.815 ng

RT: 21.58 min Scan# 3114

Delta R.T. 0.04 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

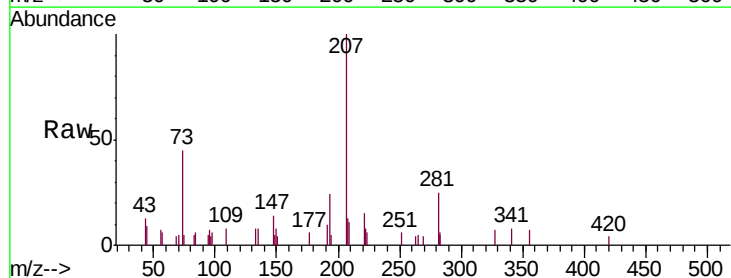
Tgt Ion:149 Resp: 316

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

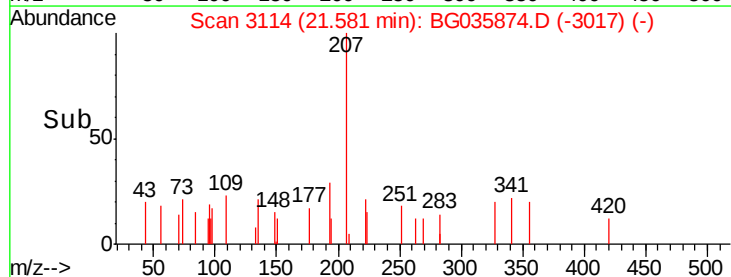
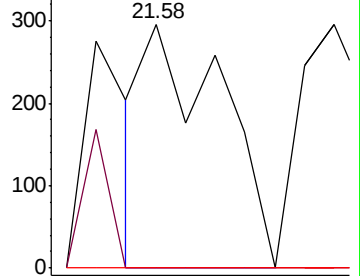
279 0.0 4.0 6.0#

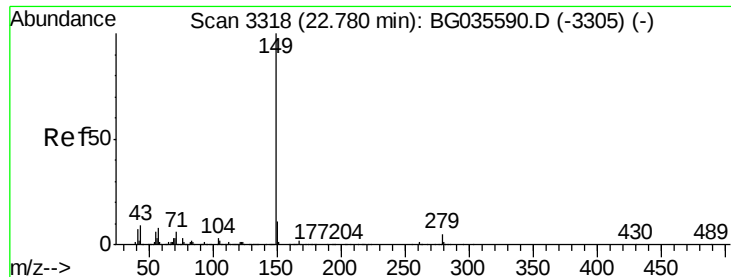


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 80.109 ng

RT: 22.78 min Scan# 3318

Delta R.T. 0.04 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampled :

DFTPP

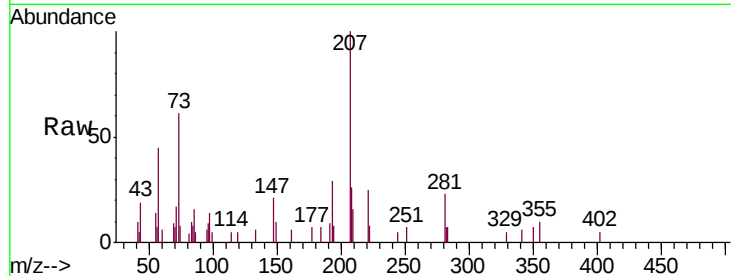
Tgt Ion:149 Resp: 301

Ion Ratio Lower Upper

149 100

167 17.6 1.4 2.0#

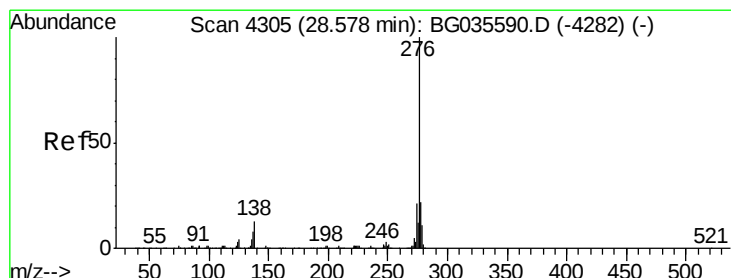
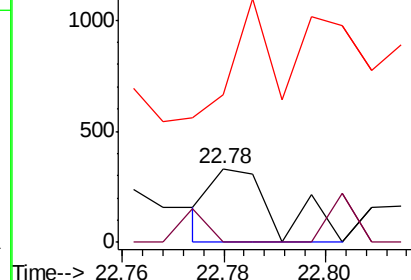
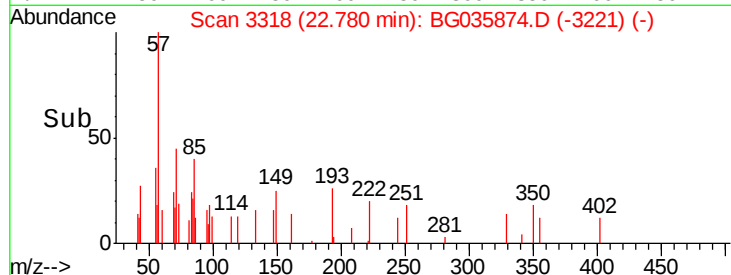
43 90.7 8.9 13.3#



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): BG



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.498 ng

RT: 28.65 min Scan# 4318

Delta R.T. 0.15 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

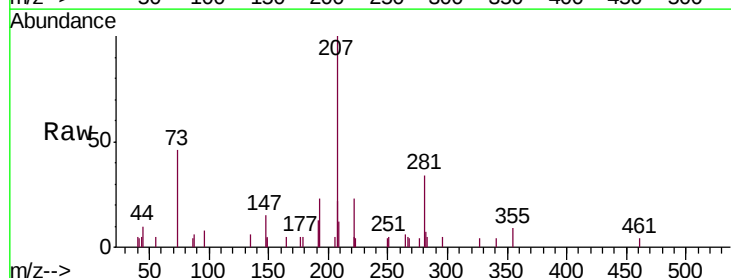
Tgt Ion:276 Resp: 63

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

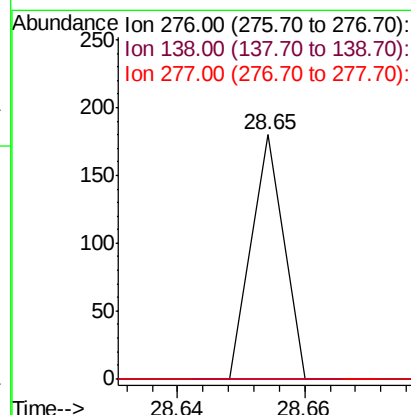
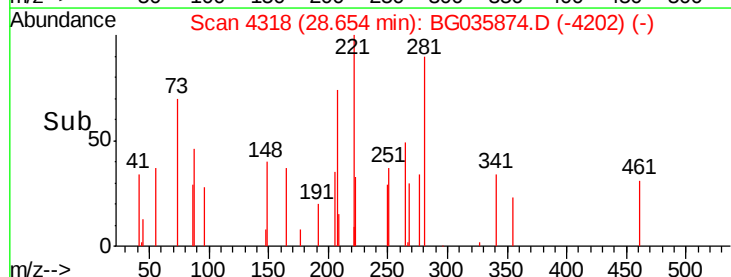
277 0.0 20.0 30.0#

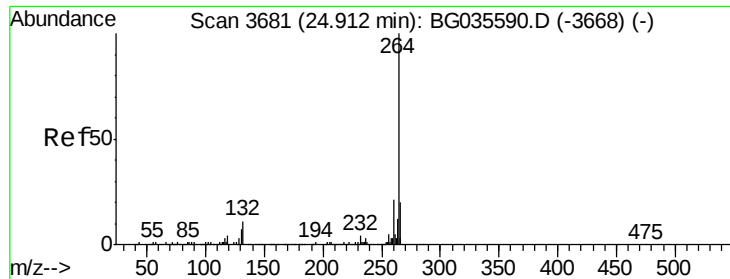


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

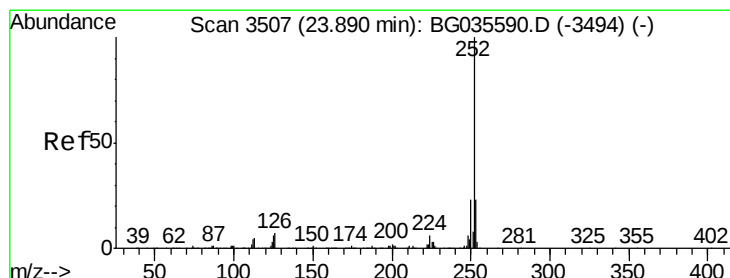
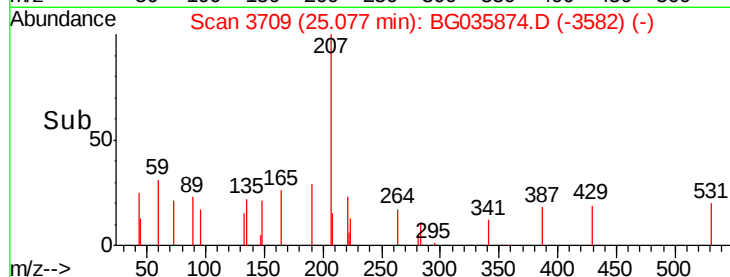
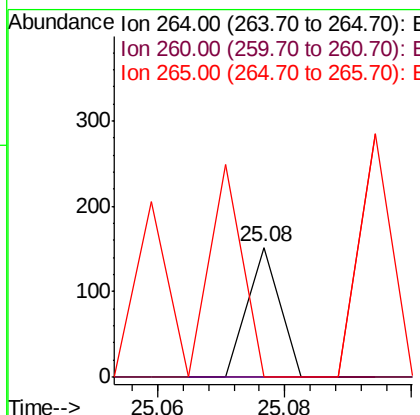
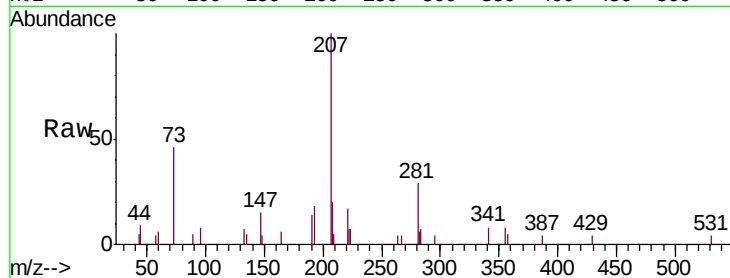




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.22 min
Lab File: BG035874.D
Acq: 25 Jul 2018 15:13

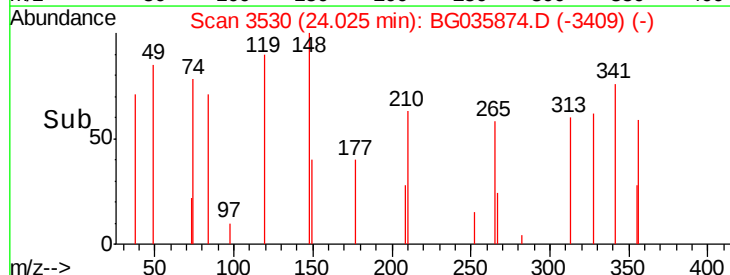
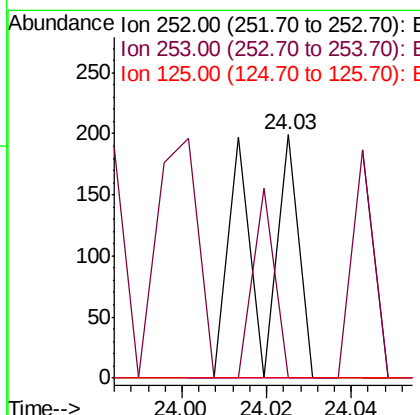
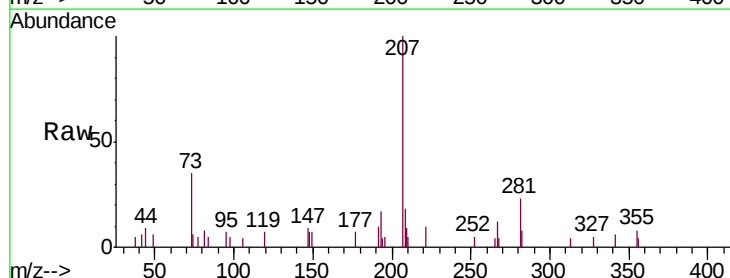
Instrument :
BNA_G
ClientSampleId :
DFTPP

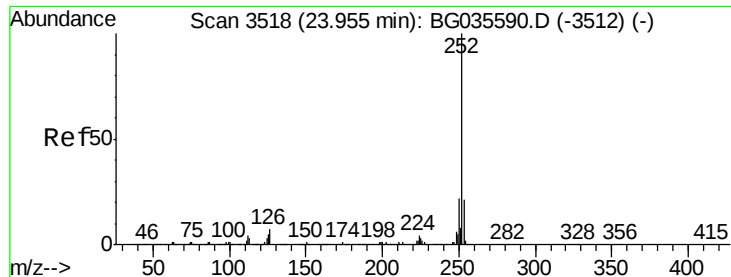
Tgt Ion: 264 Resp: 54
Ion Ratio Lower Upper
264 100
260 0.0 17.4 26.0#
265 0.0 17.7 26.5#



#87
Benzo(b)fluoranthene
Concen: 42.656 ng
RT: 24.03 min Scan# 3530
Delta R.T. 0.18 min
Lab File: BG035874.D
Acq: 25 Jul 2018 15:13

Tgt Ion: 252 Resp: 140
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 7.2 10.8#

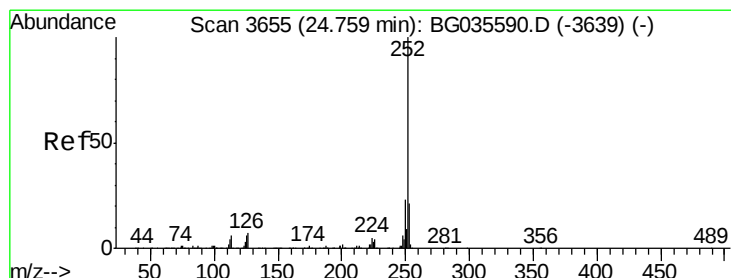
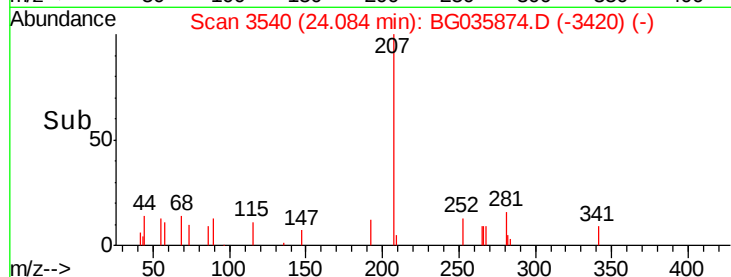
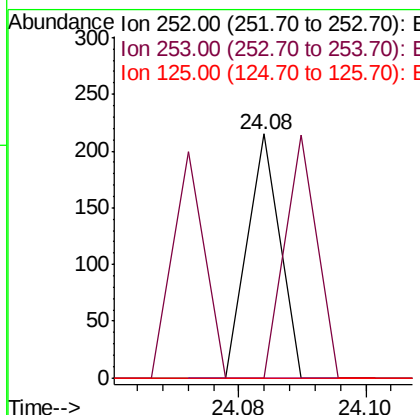
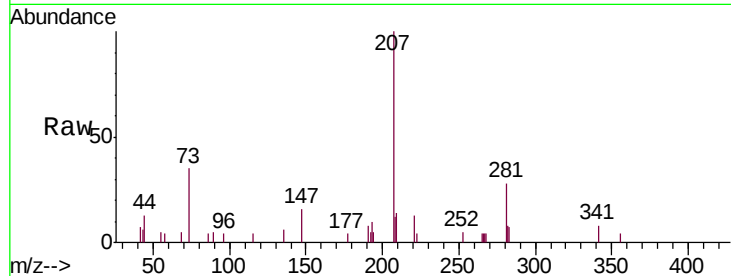




#88
Benzo(k)fluoranthene
Concen: 23.685 ng
RT: 24.08 min Scan# 3540
Delta R.T. 0.18 min
Lab File: BG035874.D
Acq: 25 Jul 2018 15:13

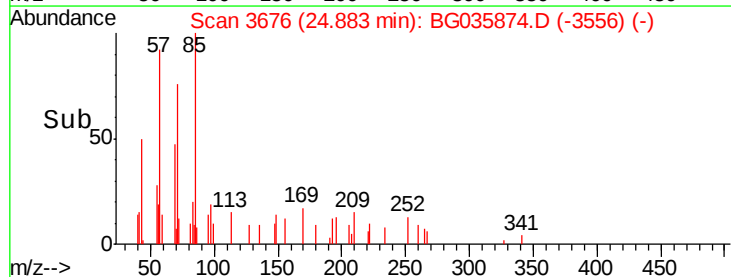
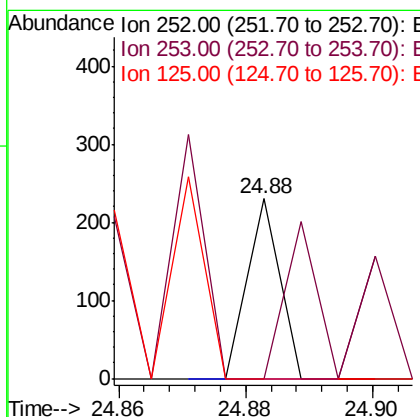
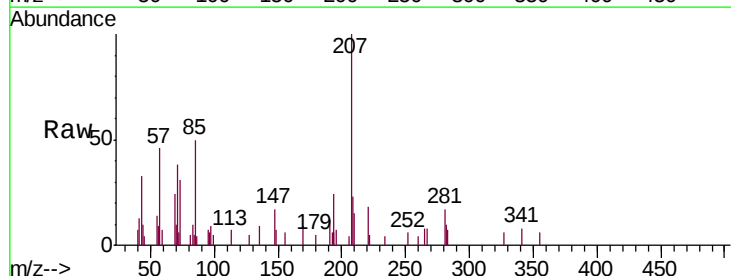
Instrument :
BNA_G
ClientSampleId :
DFTPP

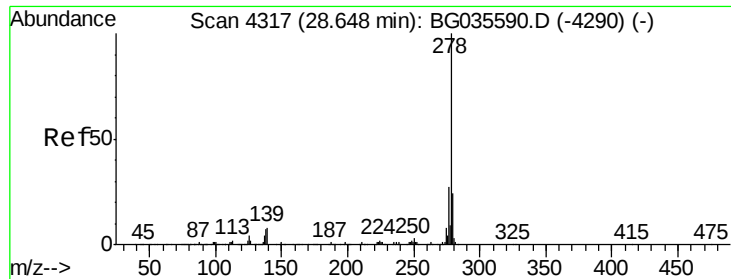
Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#



#89
Benzo(a)pyrene
Concen: 26.528 ng
RT: 24.88 min Scan# 3676
Delta R.T. 0.18 min
Lab File: BG035874.D
Acq: 25 Jul 2018 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#





#90

Dibenzo(a,h)anthracene

Concen: 23.685 ng

RT: 28.85 min Scan# 4352

Delta R.T. 0.29 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

Instrument :

BNA_G

ClientSampled :

DFTPP

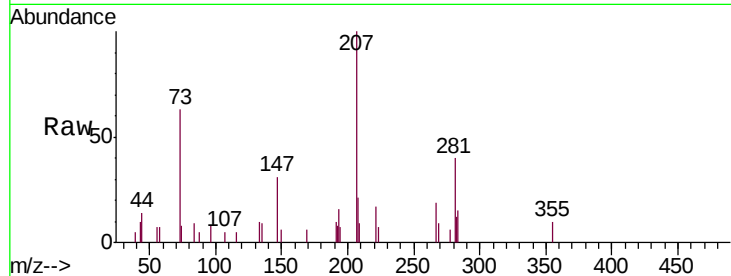
Tgt Ion:278 Resp: 71

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

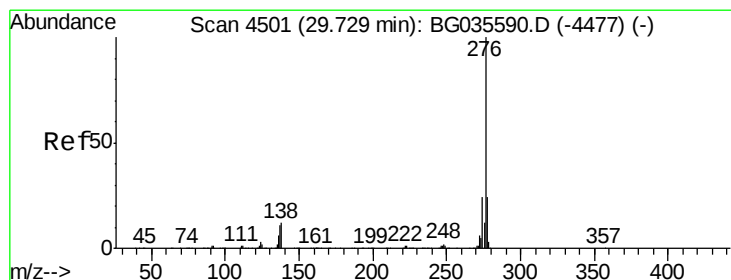
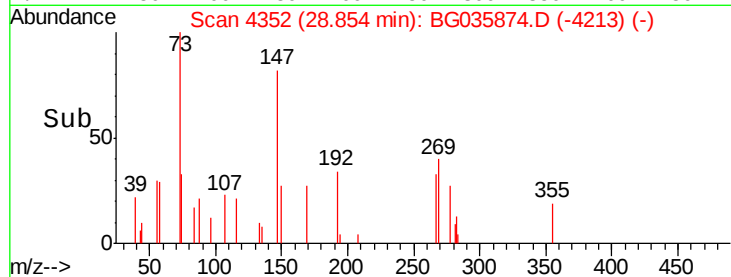
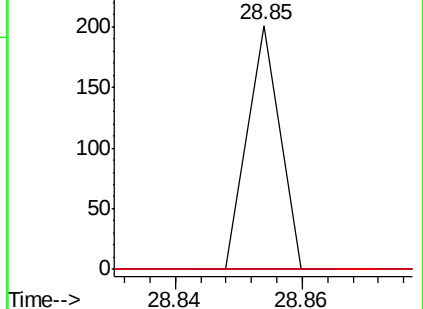
279 0.0 18.4 27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 24.204 ng

RT: 29.64 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG035874.D

Acq: 25 Jul 2018 15:13

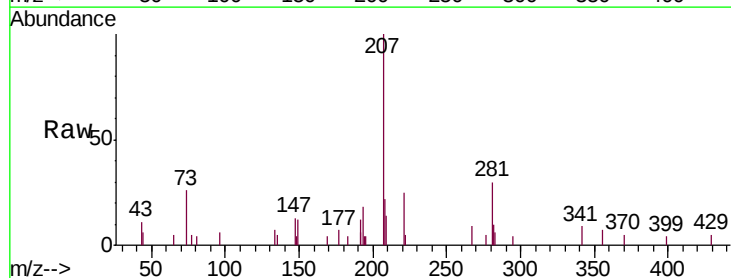
Tgt Ion:276 Resp: 71

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



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

