

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040095.D
 Acq On : 22 Mar 2019 22:55
 Operator : JU/SJ
 Sample : K2033-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:11:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41246	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	195794	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	142905	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	344426	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	332490	20.00	ng	-0.03
87) Perylene-d12	25.16	264	331351	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.40	172	57	0.01	ng	-0.02
79) Terphenyl-d14	20.11	244	109	0.01	ng	-0.02

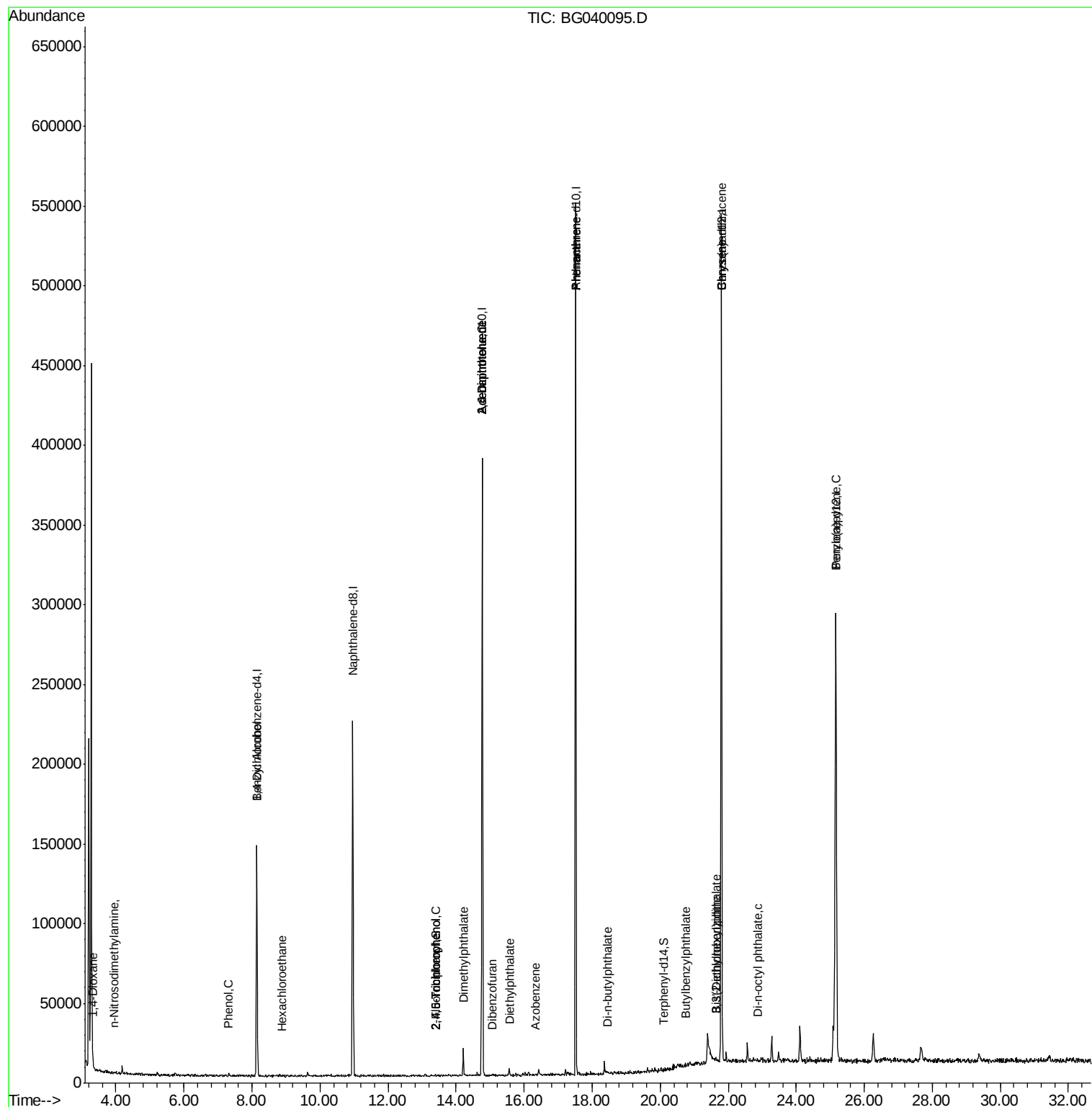
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	129	0.116	ng	# 44
4) n-Nitrosodimethylamine	3.94	42	70	0.049	ng	# 4
10) Phenol	7.32	94	1424	0.365	ng	# 69
15) Benzyl Alcohol	8.14	79	1149	0.402	ng	# 10
18) Hexachloroethane	8.88	117	54	0.045	ng	# 1
43) 2,4,6-Trichlorophenol	13.40	196	55	0.019	ng	# 10
44) 2,4,5-Trichlorophenol	13.40	196	55	0.017	ng	# 16
50) Dimethylphthalate	14.21	163	13580	1.136	ng	# 93
51) 2,6-Dinitrotoluene	14.77	165	18969	7.488	ng	# 25
52) Acenaphthene	14.77	154	551	0.063	ng	# 5
55) Dibenzofuran	15.07	168	67	0.005	ng	# 45
57) 2,4-Dinitrotoluene	14.77	165	18969	5.329	ng	# 20
60) Diethylphthalate	15.57	149	136	0.011	ng	# 58
63) Azobenzene	16.32	77	56	0.005	ng	# 47
71) Phenanthrene	17.52	178	66	0.003	ng	# 59
72) Anthracene	17.52	178	66	0.004	ng	# 60
74) Di-n-butylphthalate	18.44	149	533	0.027	ng	# 77
80) Butylbenzylphthalate	20.75	149	61	0.007	ng	# 22
81) Benzo(a)anthracene	21.80	228	944	0.045	ng	# 42
82) 3,3'-Dichlorobenzidine	21.65	252	59	0.008	ng	# 26
83) Chrysene	21.80	228	944	0.047	ng	# 39
84) Bis(2-ethylhexyl)phthalate	21.65	149	663	0.056	ng	# 52
85) Di-n-octyl phthalate	22.87	149	55	0.003	ng	# 71
90) Benzo(a)pyrene	25.17	252	1484	0.081	ng	# 75

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampleId :

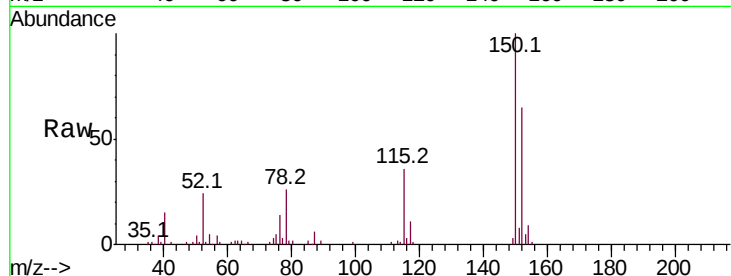
Tot Ion:152 Resp: 41246

Ion Ratio Lower Upper

152 100

150 154.3 123.7 185.5

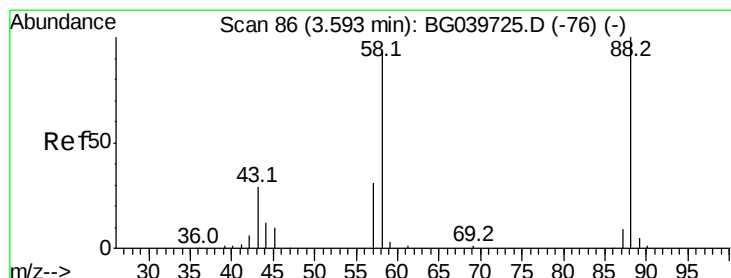
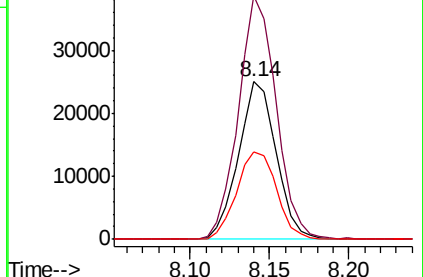
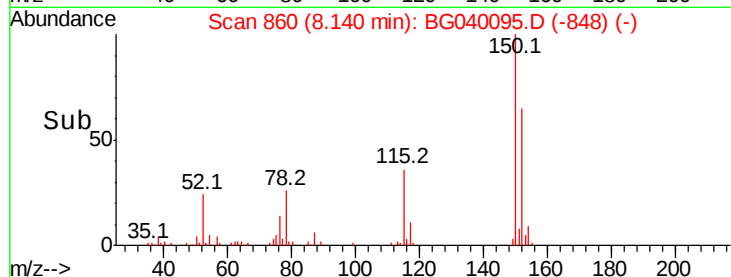
115 55.5 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.116 ng

RT: 3.34 min Scan# 42

Delta R.T. -0.27 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

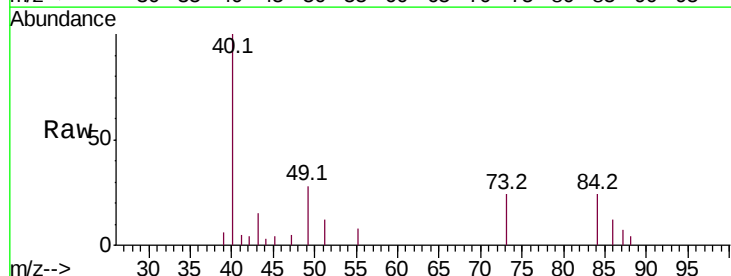
Tgt Ion: 88 Resp: 129

Ion Ratio Lower Upper

88 100

58 48.1 81.1 121.7#

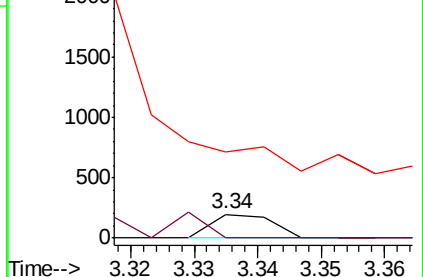
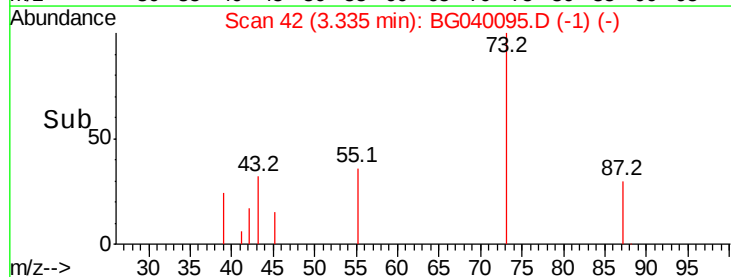
43 0.0 31.4 47.0#

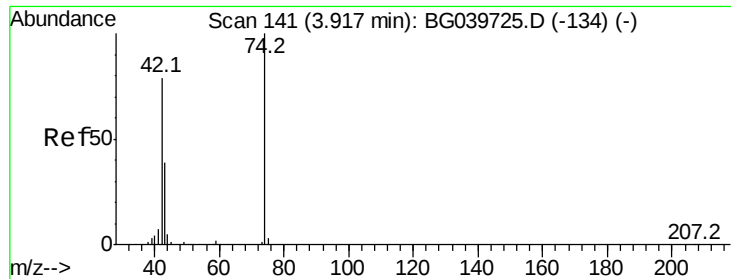


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



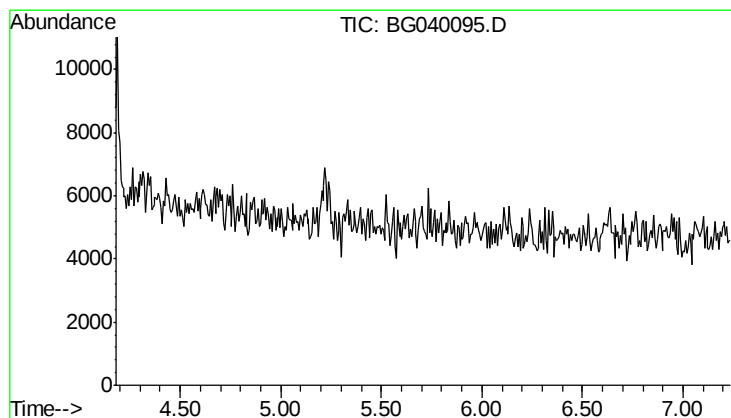
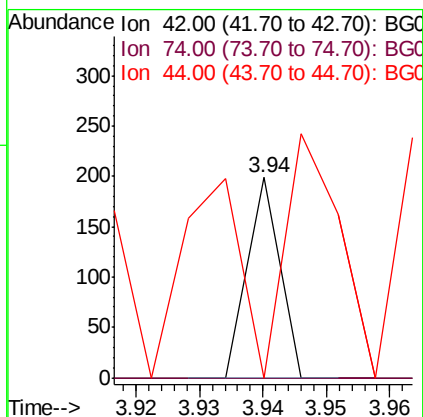
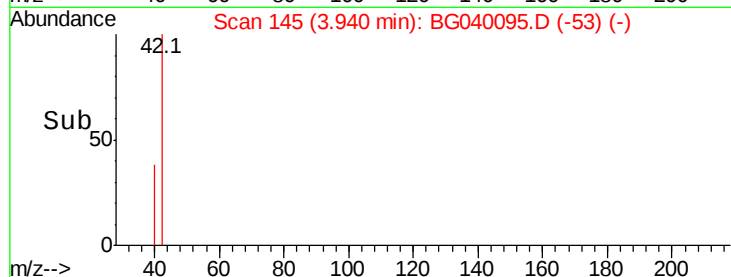
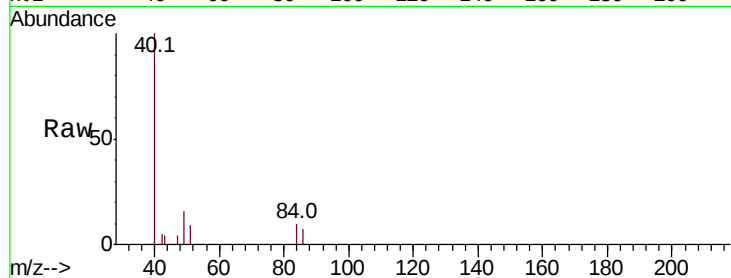


#4

n-Nitrosodimethylamine
 Concen: 0.049 ng
 RT: 3.94 min Scan# 145
 Delta R.T. 0.01 min
 Lab File: BG040095.D
 Acq: 22 Mar 2019 22:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 42 Resp: 70
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.6 125.4#
 44 0.0 6.9 10.3#

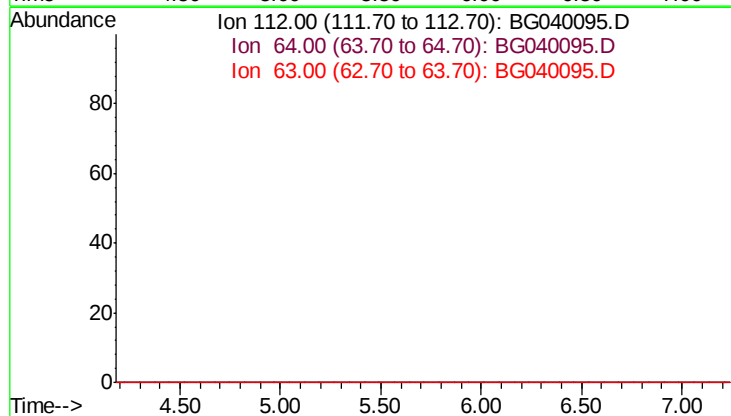


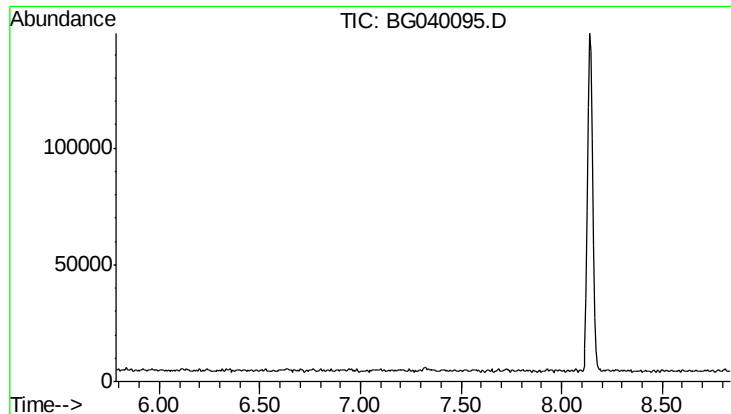
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.71 min

Lab File: BG040095.D
 Acq: 22 Mar 2019 22:55

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 72.3
 63 37.2





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.31 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampleId :

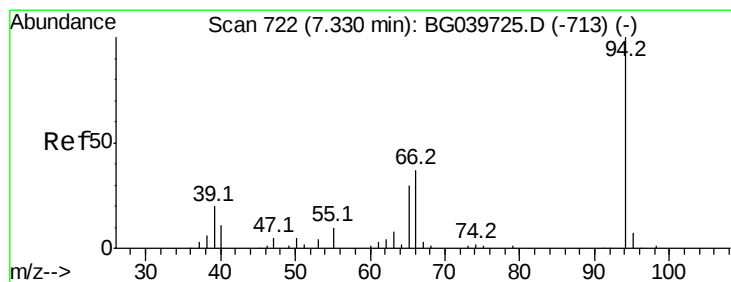
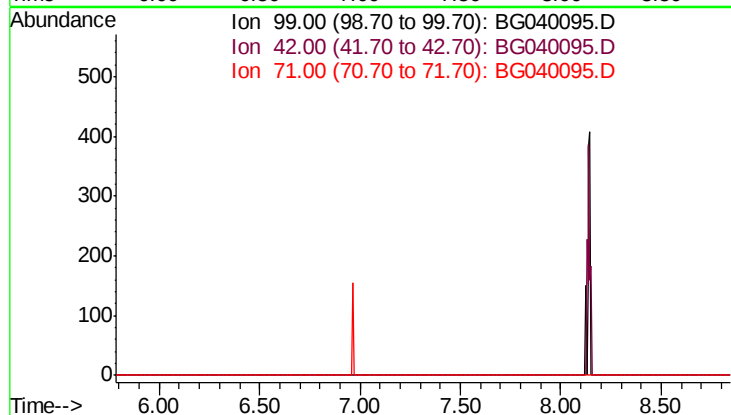
Tot Ion: 99

Sig Exp Ratio

99 100

42 22.7

71 35.0



#10

Phenol

Concen: 0.365 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

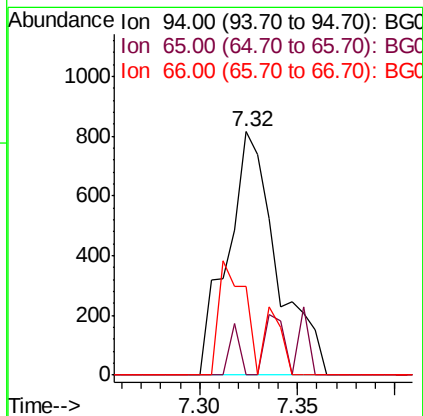
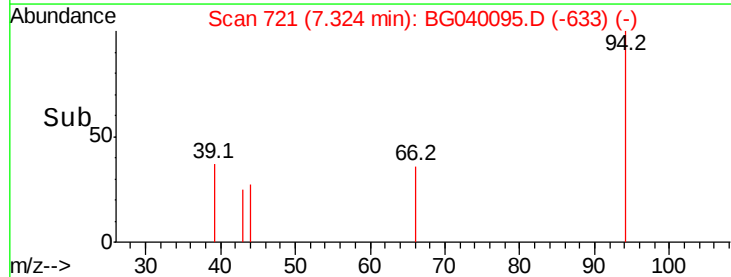
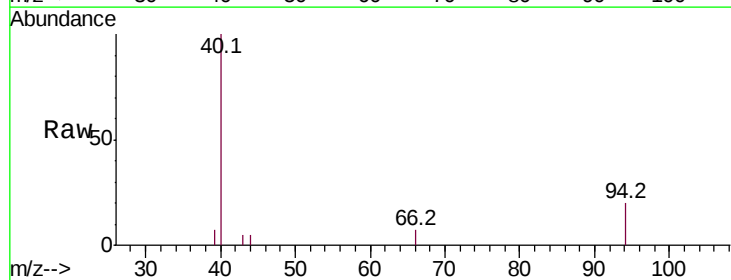
Tgt Ion: 94 Resp: 1424

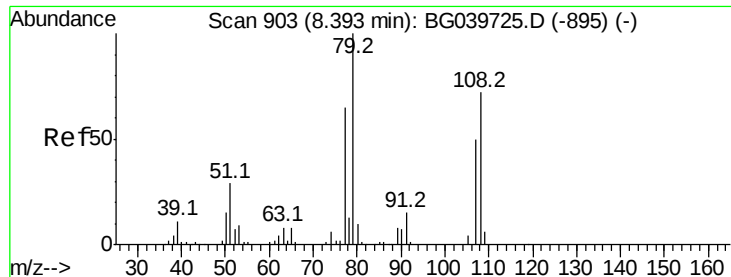
Ion Ratio Lower Upper

94 100

65 0.0 11.7 51.7#

66 36.4 23.7 63.7

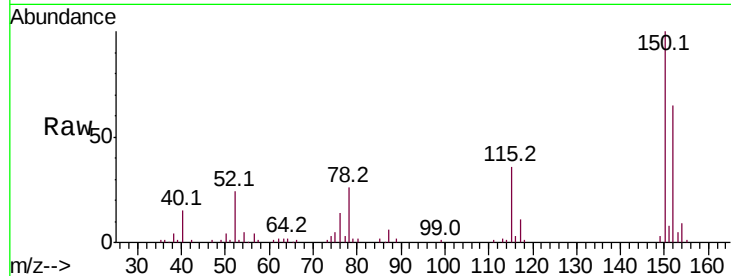




#15
Benzyl Alcohol
Concen: 0.402 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.26 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	0.0	57.8	86.6#
77	136.6	51.1	76.7#

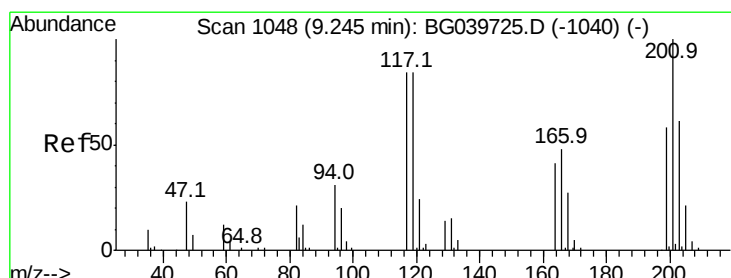
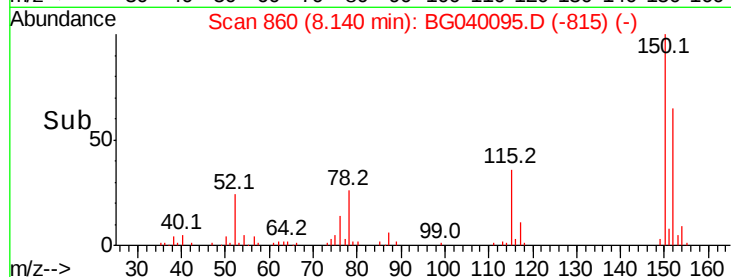
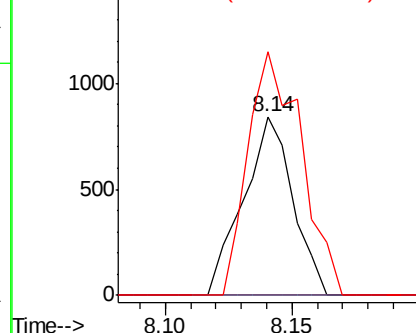


Abundance

Ion 79.00 (78.70 to 79.70): BGC

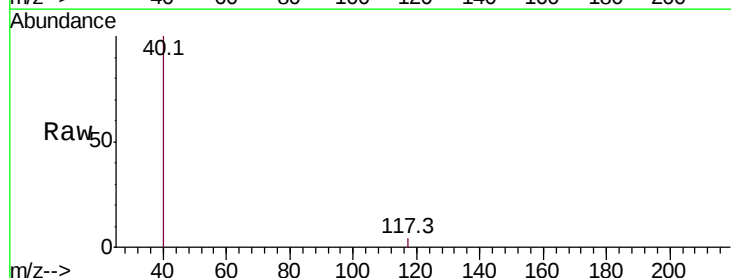
Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#18
Hexachloroethane
Concen: 0.045 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.37 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.3	114.5#
201	0.0	91.1	136.7#

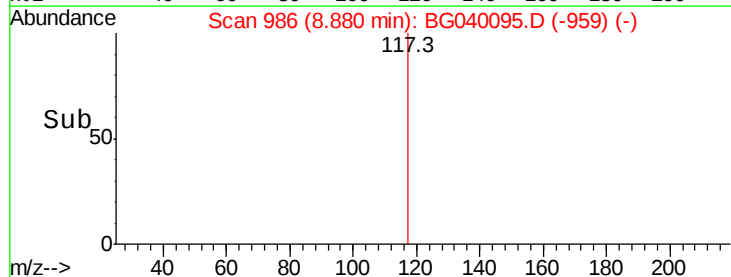
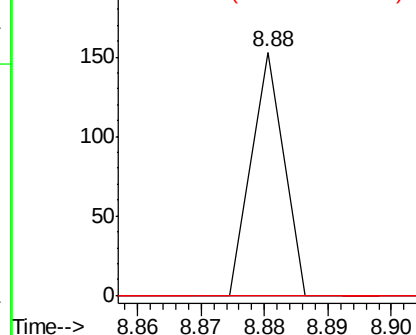


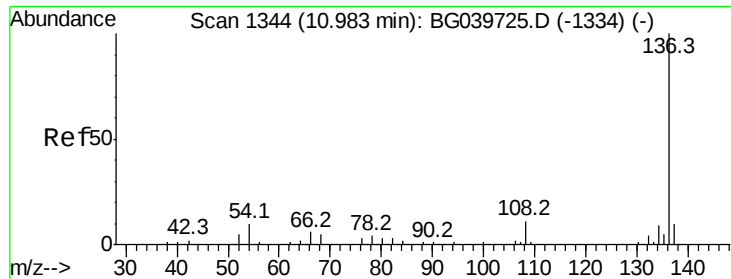
Abundance

Ion 117.00 (116.70 to 117.70): BGC

Ion 119.00 (118.70 to 119.70): BGC

Ion 201.00 (200.70 to 201.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 195794

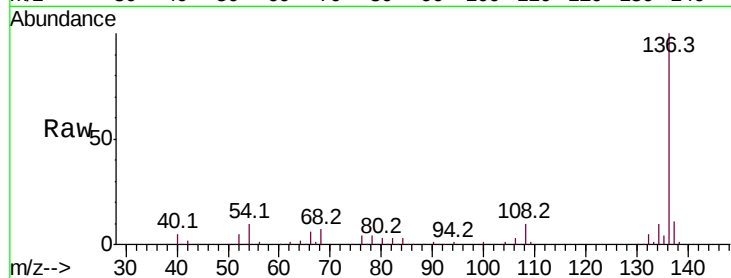
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.8 9.4 14.2

68 6.6 4.2 6.4#

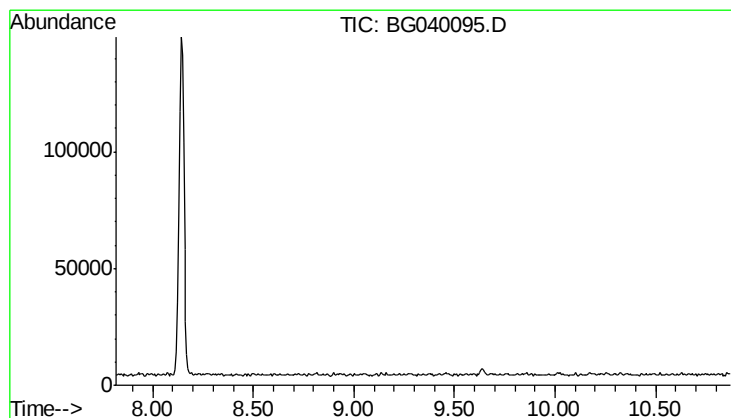
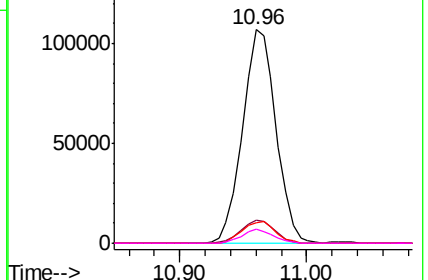
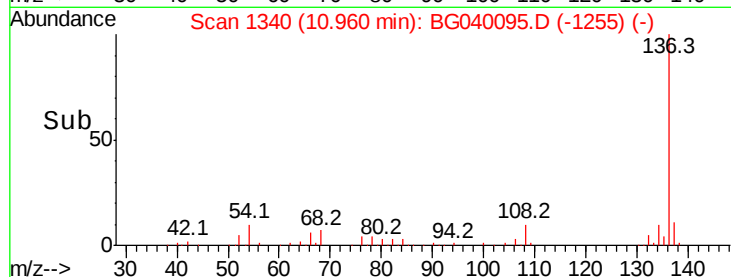


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG0

Ion 68.00 (67.70 to 68.70): BG0



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.35 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

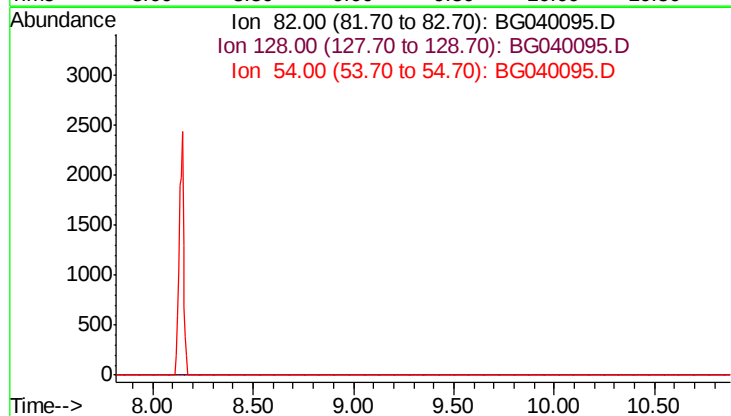
Tgt Ion: 82

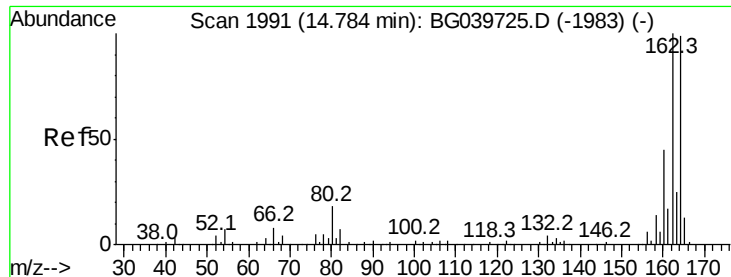
Sig Exp Ratio

82 100

128 39.1

54 63.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampleId :

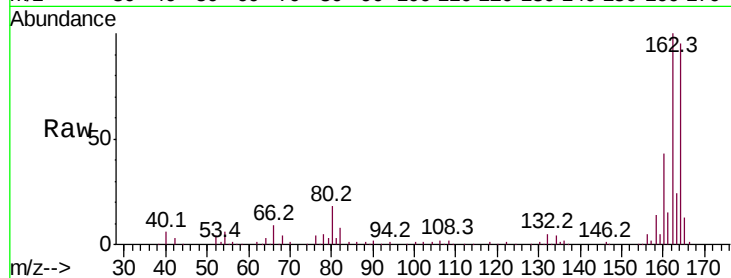
Tot Ion:164 Resp: 142905

Ion Ratio Lower Upper

164 100

162 104.9 81.6 122.4

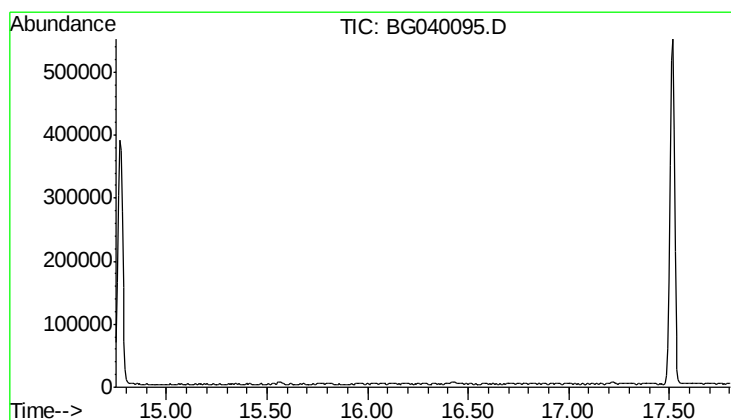
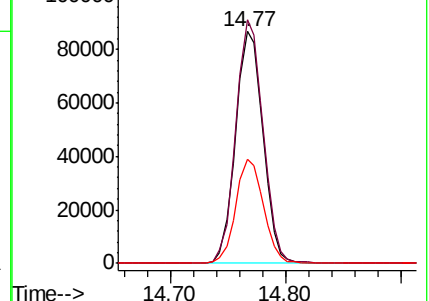
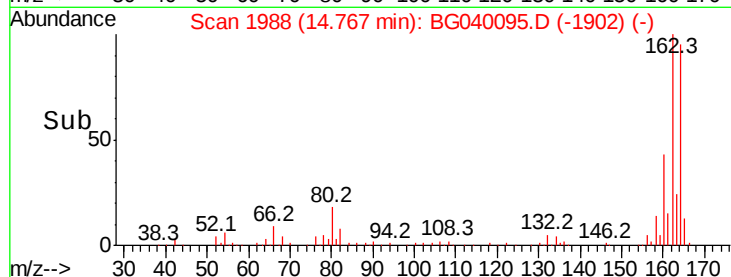
160 44.8 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.28 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Tgt Ion: 330

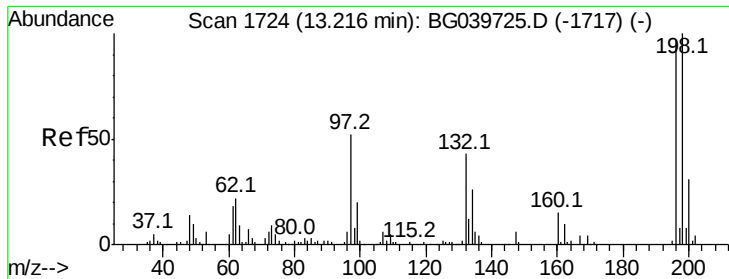
Sig Exp Ratio

330 100

332 94.6

141 44.5

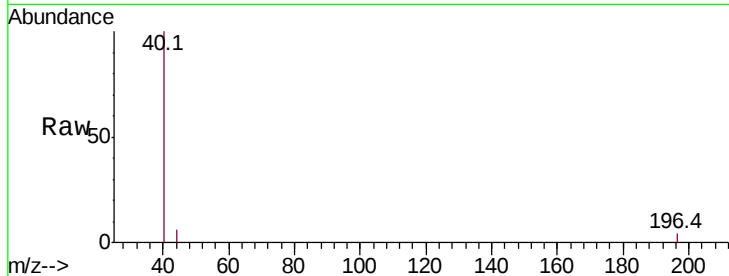




#43
 2,4,6-Trichlorophenol
 Concen: 0.019 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. 0.18 min
 Lab File: BG040095.D
 Acq: 22 Mar 2019 22:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	80.6	121.0#
200	0.0	26.1	39.1#

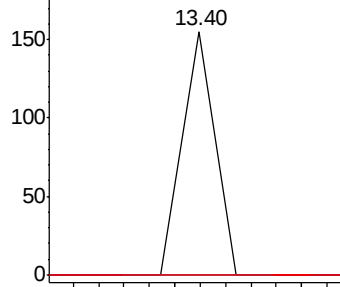


Abundance

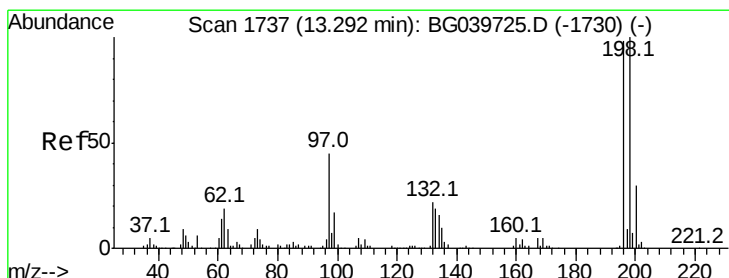
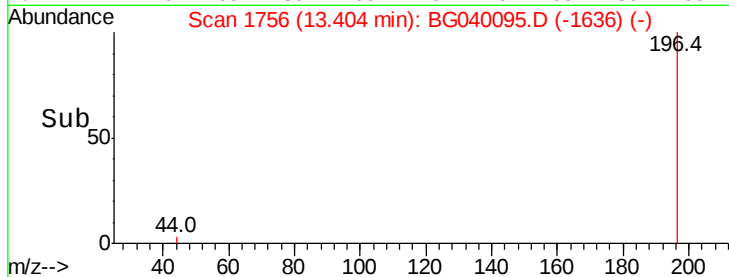
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

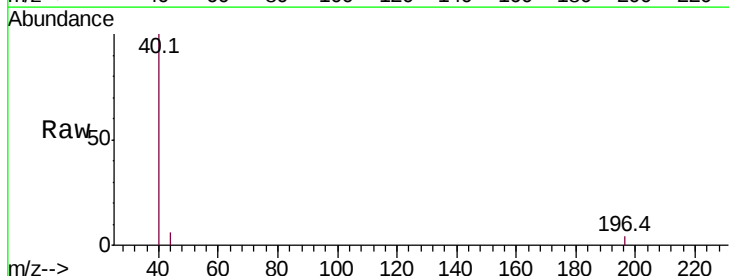


Time-->



#44
 2,4,5-Trichlorophenol
 Concen: 0.017 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. 0.11 min
 Lab File: BG040095.D
 Acq: 22 Mar 2019 22:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.5	117.7#
97	0.0	38.4	57.6#
132	0.0	19.2	28.8#



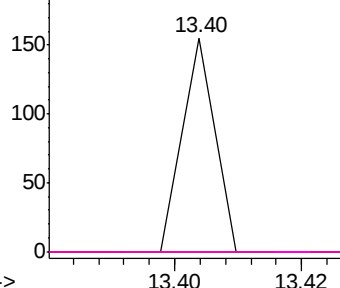
Abundance

Ion 196.00 (195.70 to 196.70): E

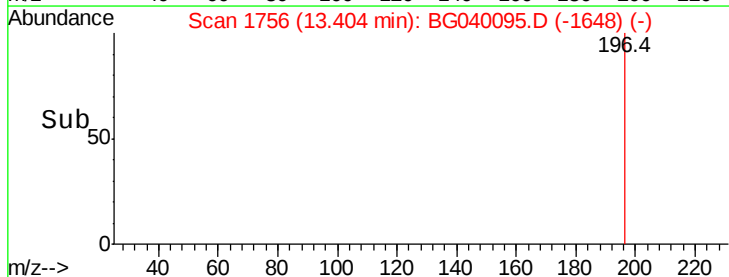
Ion 198.00 (197.70 to 198.70): E

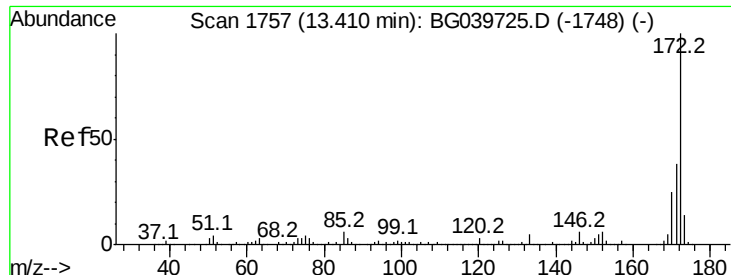
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



Time-->

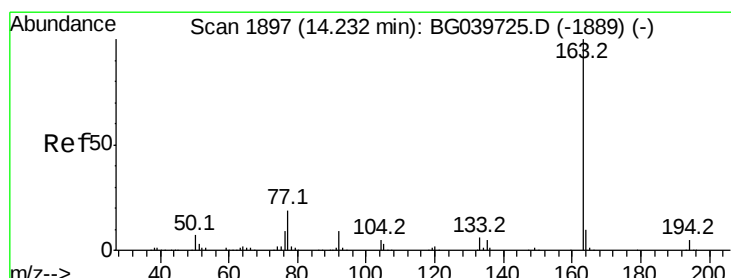
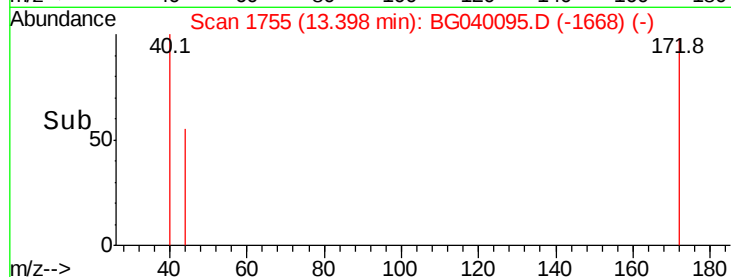
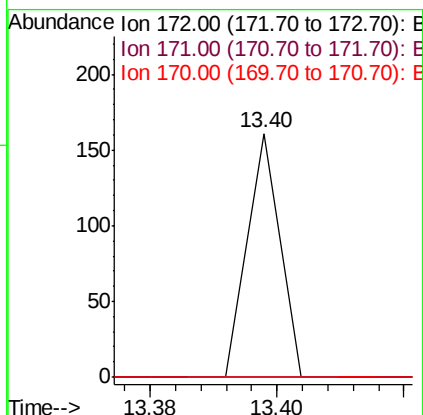
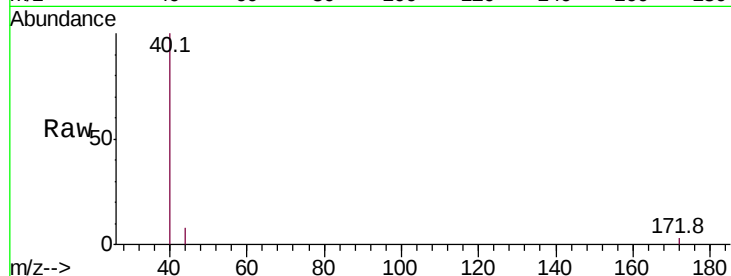




#45
2-Fluorobiphenyl
Concen: 0.006 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

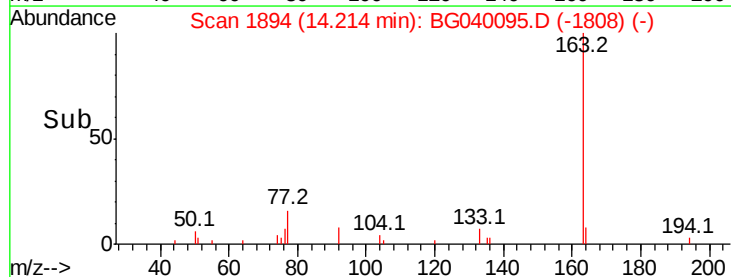
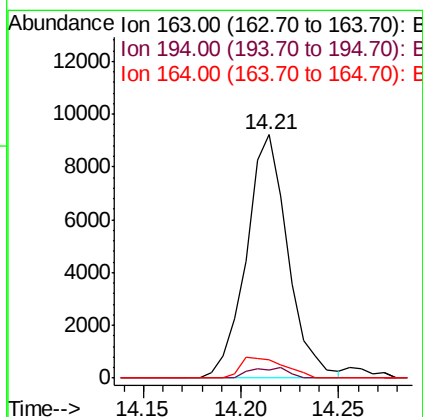
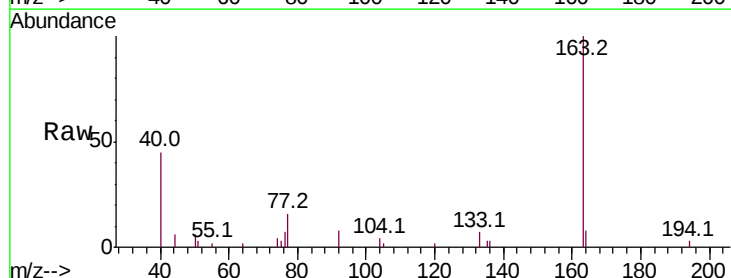
Instrument :
BNA_G
ClientSampleId :

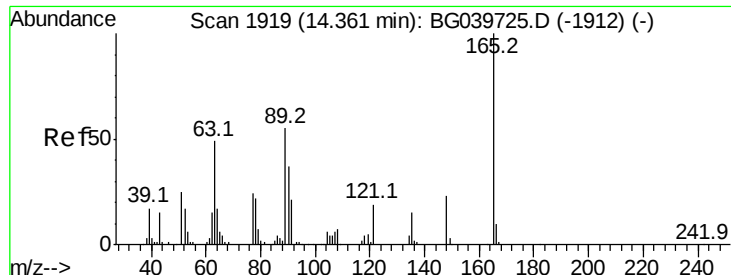
Tot Ion:172 Resp: 57
Ion Ratio Lower Upper
172 100
171 0.0 30.8 46.2#
170 0.0 20.2 30.4#



#50
Dimethylphthalate
Concen: 1.136 ng
RT: 14.21 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:163 Resp: 13580
Ion Ratio Lower Upper
163 100
194 3.3 3.6 5.4#
164 7.6 8.4 12.6#





#51

2,6-Dinitrotoluene

Concen: 7.488 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampleId :

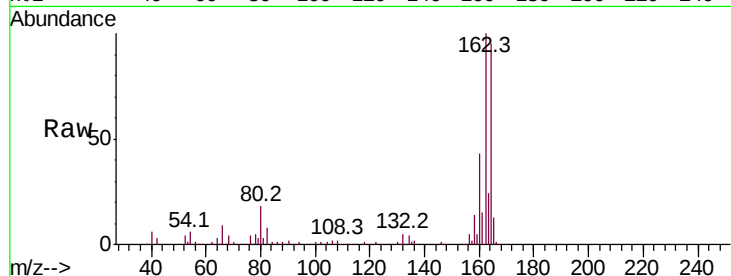
Tot Ion:165 Resp: 18969

Ion Ratio Lower Upper

165 100

63 1.7 47.0 70.6#

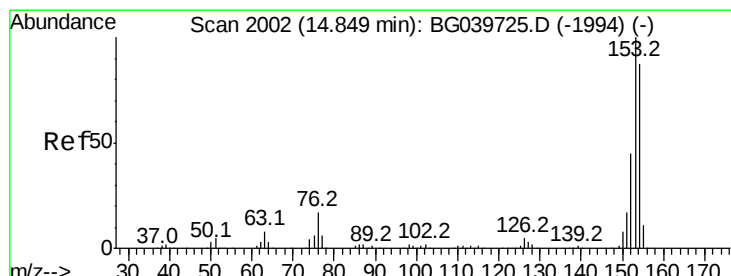
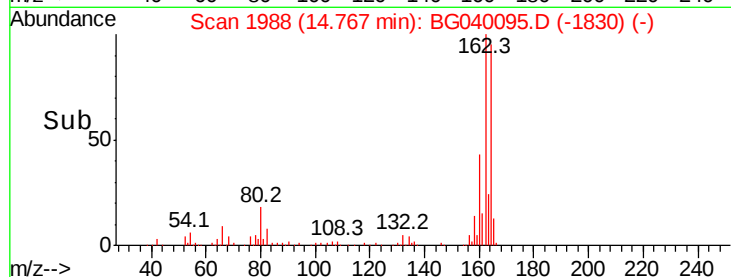
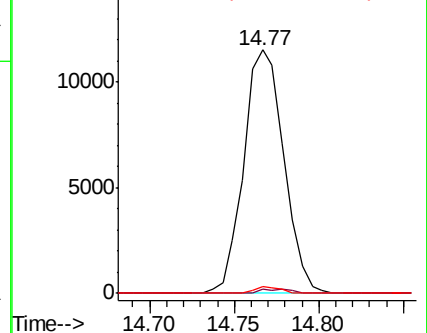
89 3.0 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 0.063 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.08 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

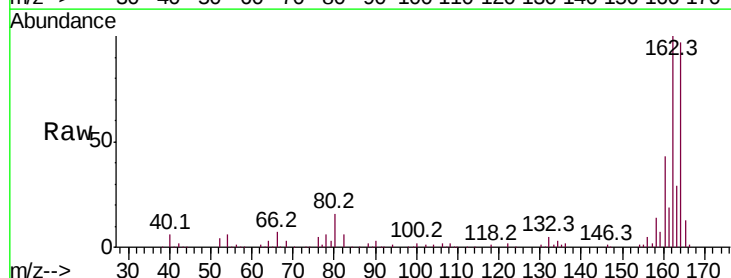
Tgt Ion:154 Resp: 551

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

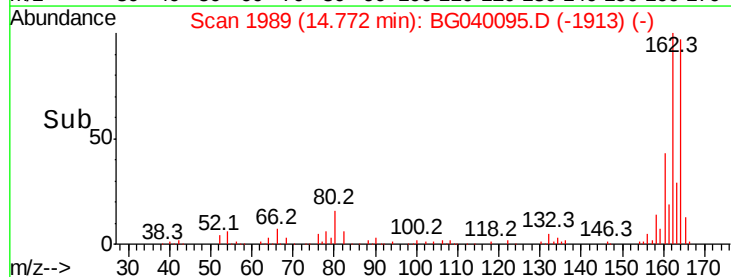
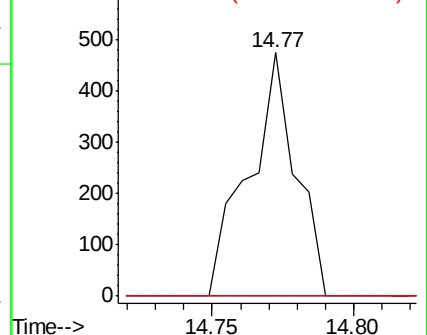
152 0.0 40.9 61.3#

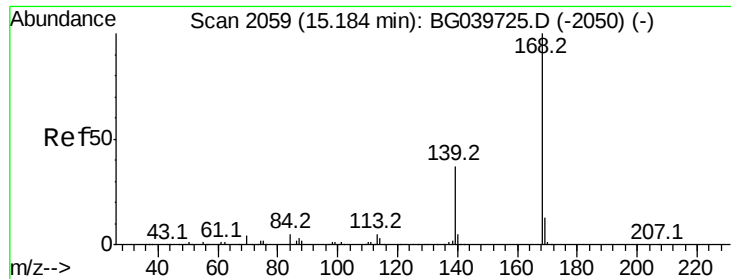


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 0.005 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.11 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampleId :

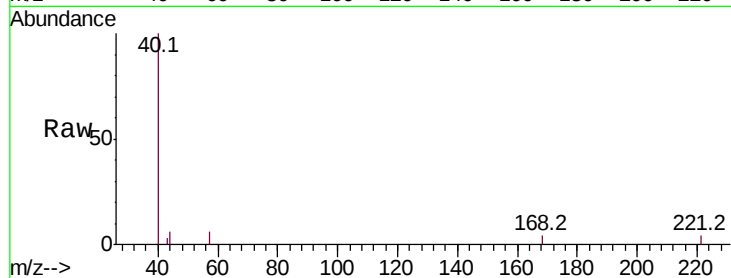
Tot Ion:168 Resp: 67

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

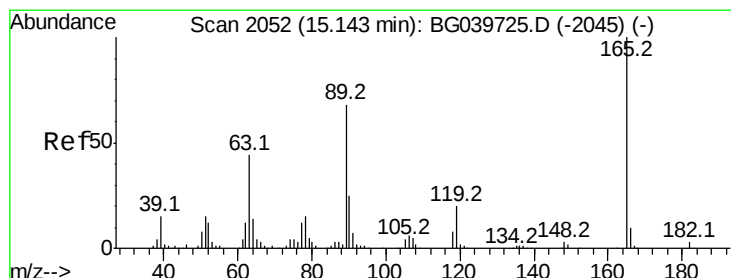
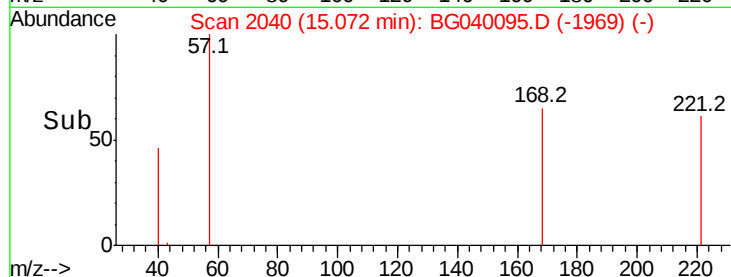
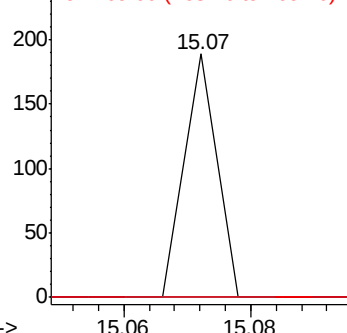
169 0.0 10.6 16.0#



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



#57

2,4-Dinitrotoluene

Concen: 5.329 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Tgt Ion:165 Resp: 18969

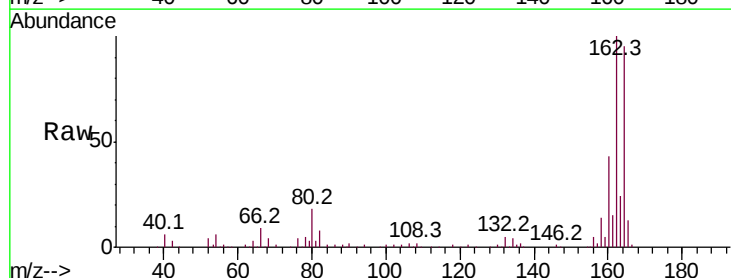
Ion Ratio Lower Upper

165 100

63 1.7 41.0 61.6#

89 3.0 64.6 96.8#

182 0.0 2.0 3.0#

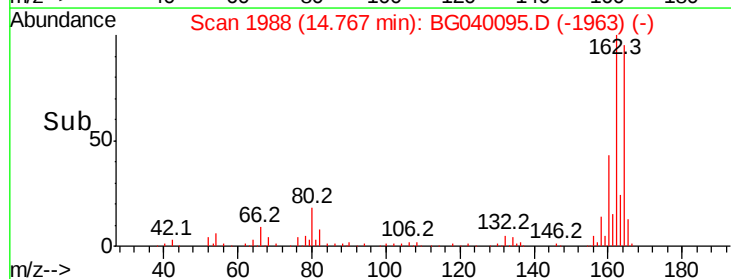
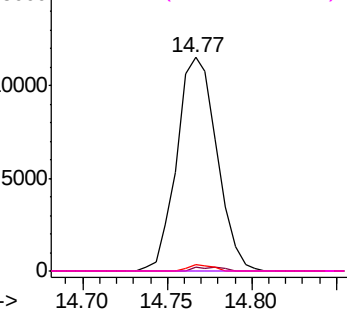


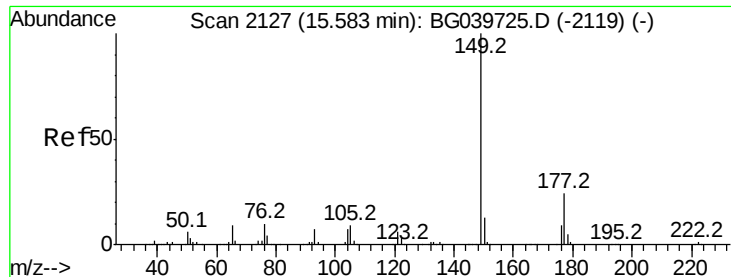
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#60

Diethylphthalate

Concen: 0.011 ng

RT: 15.57 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampleId :

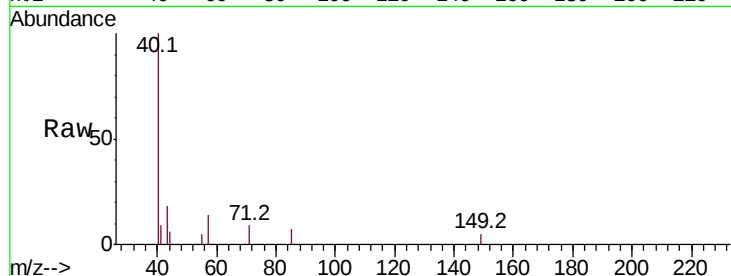
Tot Ion:149 Resp: 136

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

150 0.0 10.2 15.2#



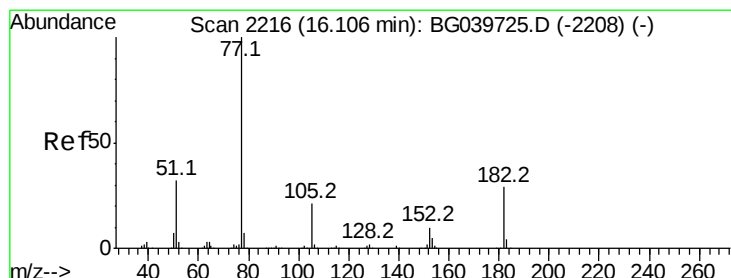
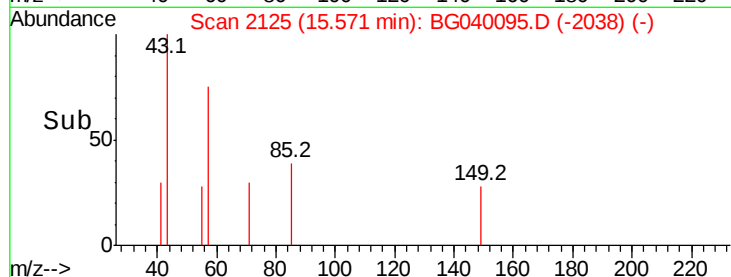
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.57

Time--> 15.54 15.56 15.58



#63

Azobenzene

Concen: 0.005 ng

RT: 16.32 min Scan# 2252

Delta R.T. 0.21 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Tgt Ion: 77 Resp: 56

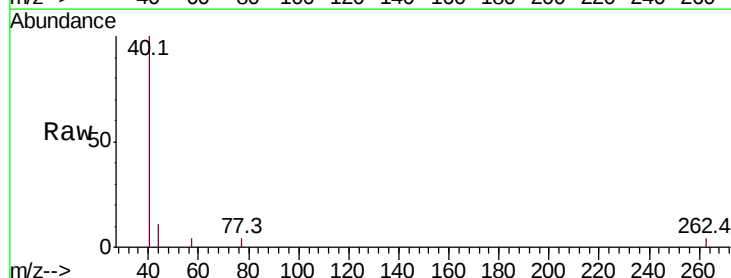
Ion Ratio Lower Upper

77 100

182 0.0 6.4 46.4#

105 0.0 0.0 39.8

51 0.0 14.1 54.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

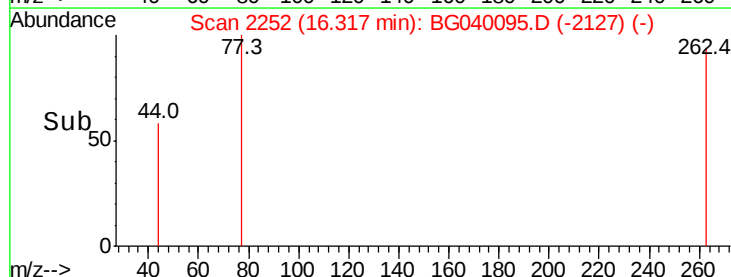
Ion 182.00 (181.70 to 182.70): E

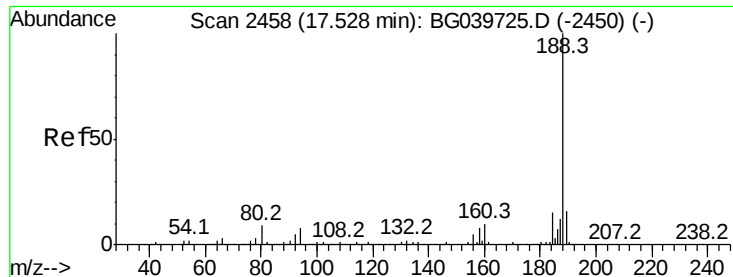
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

16.32

Time--> 16.30 16.32





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampleId :

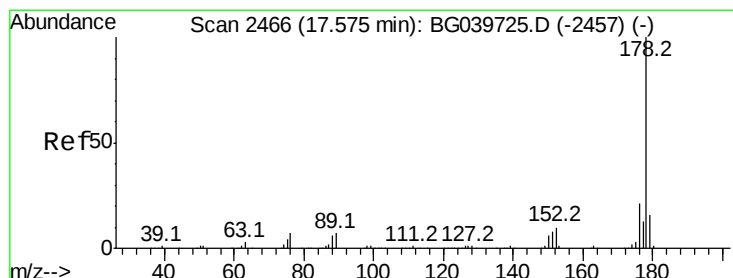
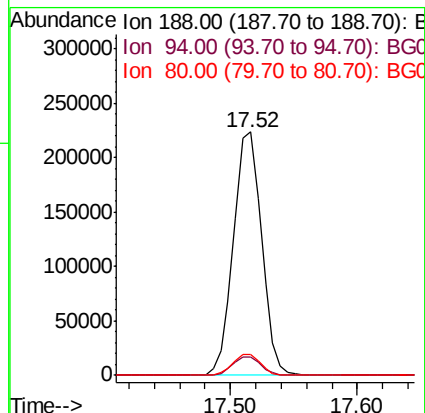
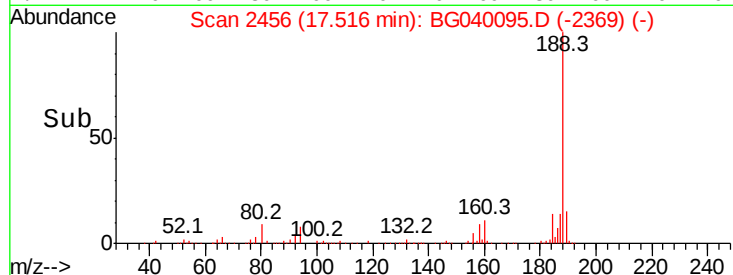
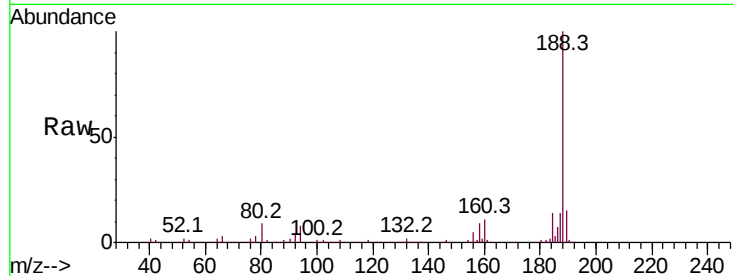
Tot Ion:188 Resp: 344426

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

80 8.6 8.1 12.1



#71

Phenanthrene

Concen: 0.003 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.06 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

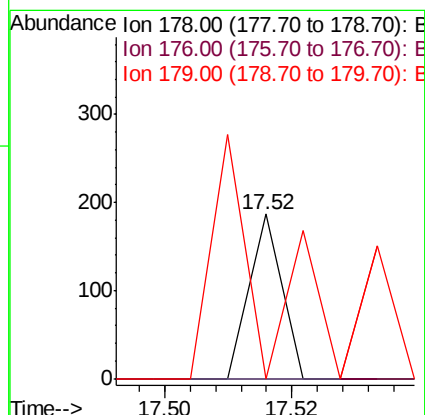
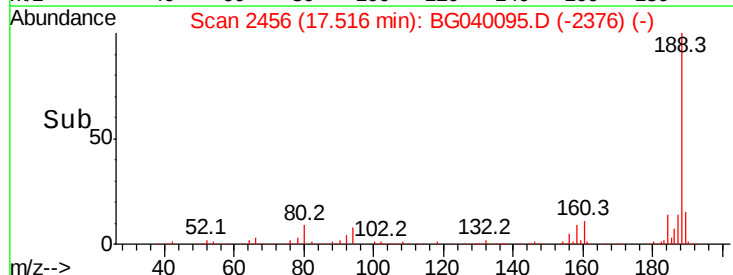
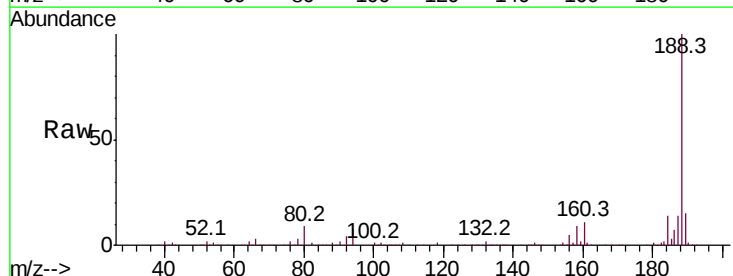
Tgt Ion:178 Resp: 66

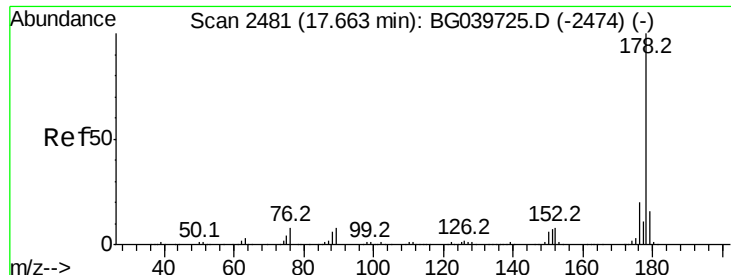
Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

179 0.0 12.6 19.0#





#72

Anthracene

Concen: 0.004 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.15 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampleId :

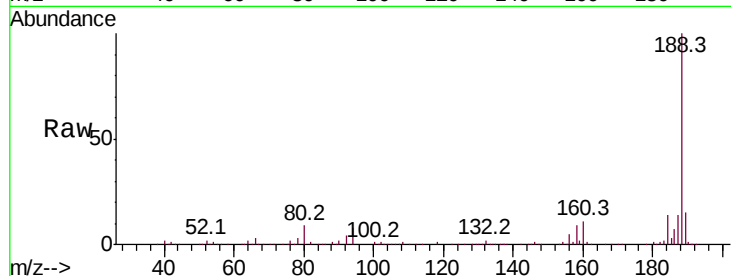
Tot Ion:178 Resp: 66

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

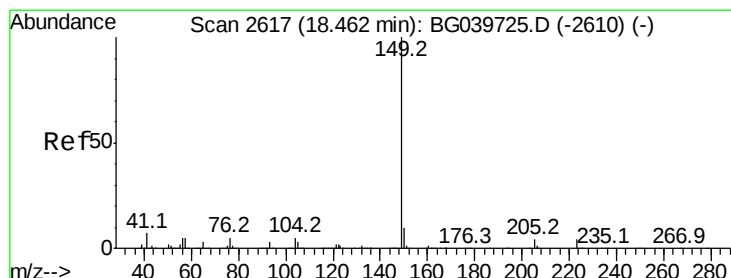
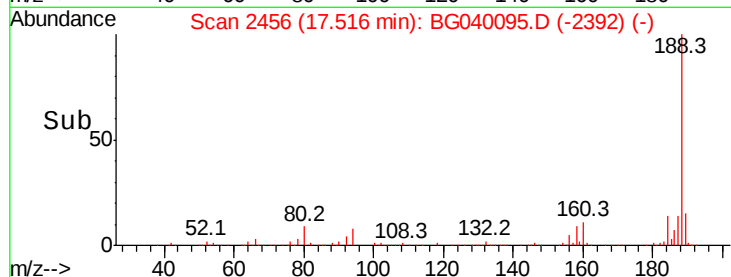
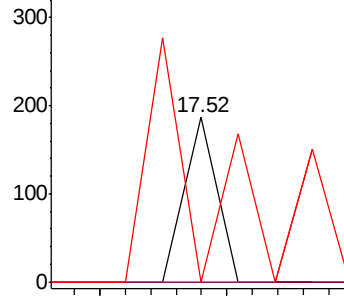
179 0.0 12.5 18.7#



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



#74

Di-n-butylphthalate

Concen: 0.027 ng

RT: 18.44 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

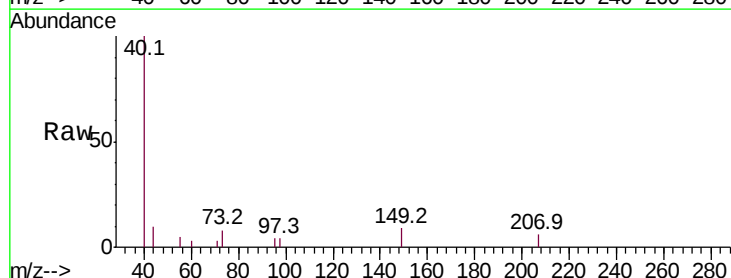
Tgt Ion:149 Resp: 533

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

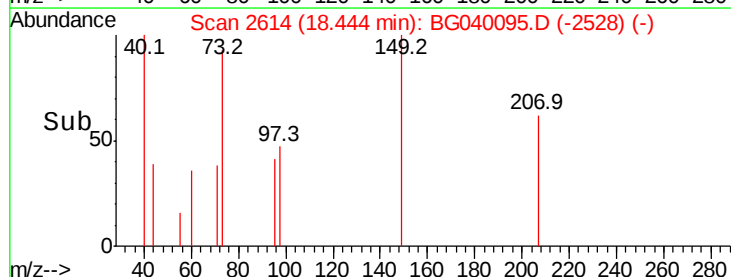
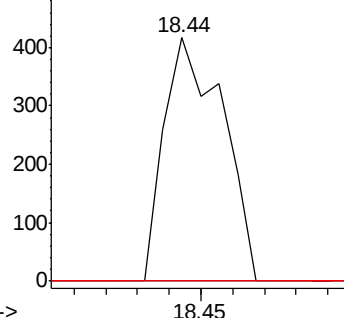
104 0.0 4.5 6.7#

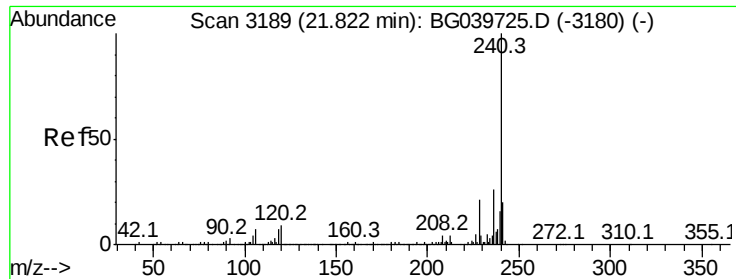


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampled :

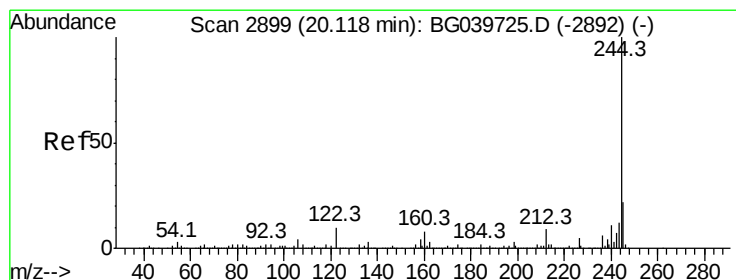
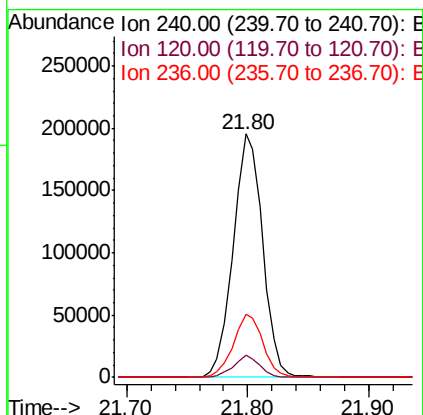
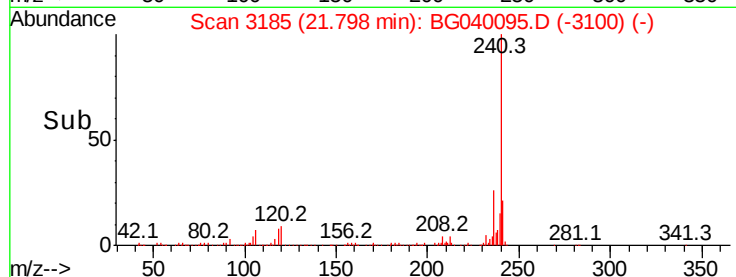
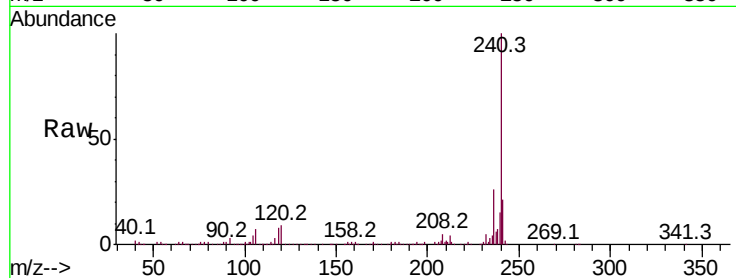
Tot Ion:240 Resp: 332490

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

236 25.8 21.0 31.4



#79

Terphenyl-d14

Concen: 0.007 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

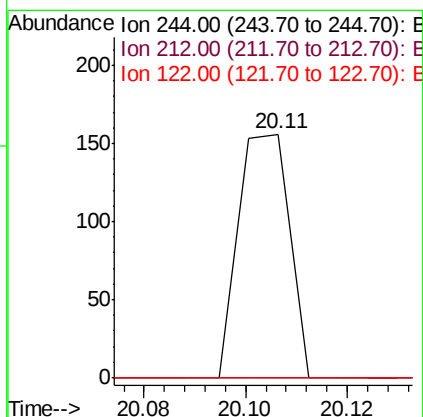
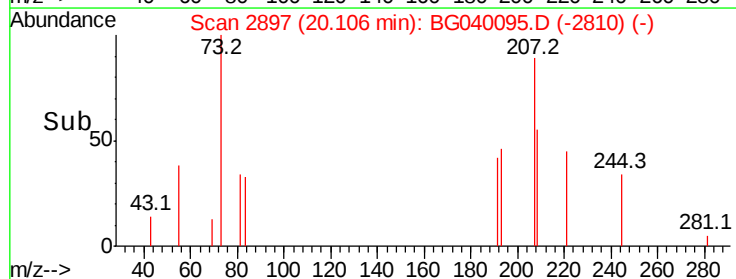
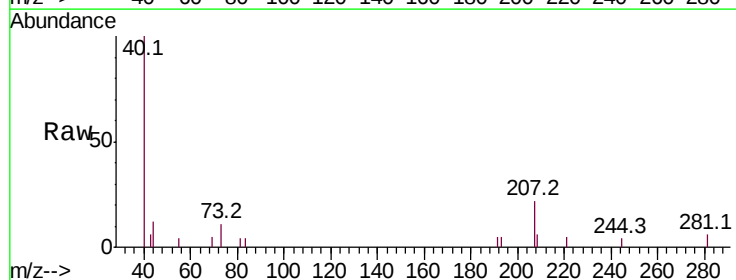
Tgt Ion:244 Resp: 109

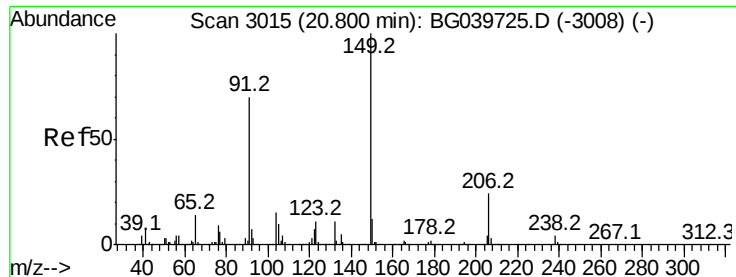
Ion Ratio Lower Upper

244 100

212 0.0 7.3 10.9#

122 0.0 8.4 12.6#

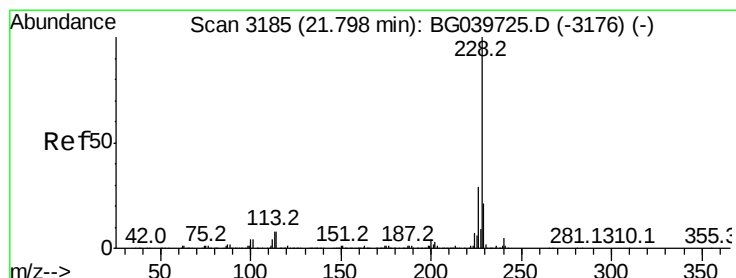
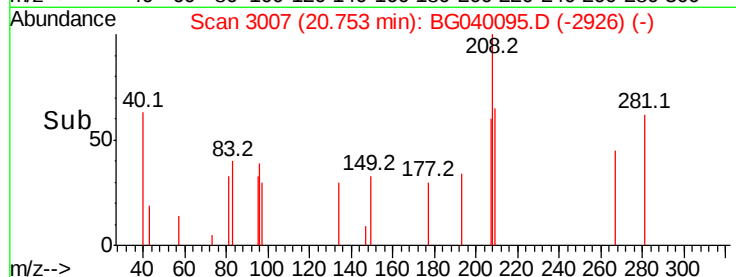
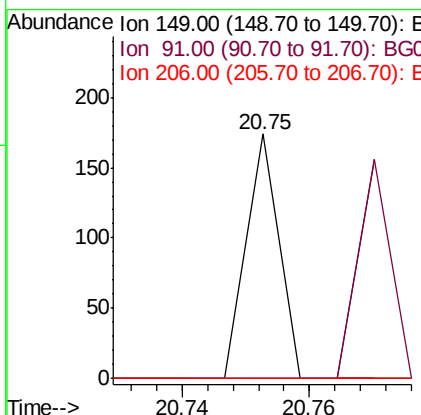
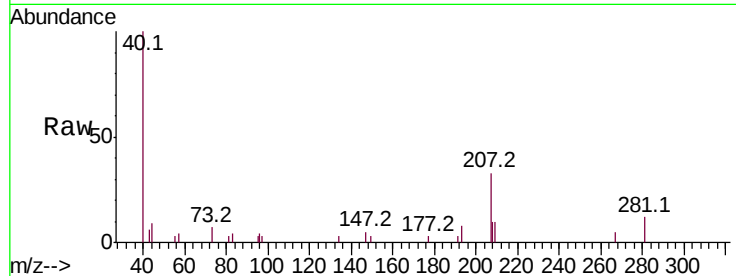




#80
 Butylbenzylphthalate
 Concen: 0.007 ng
 RT: 20.75 min Scan# 3007
 Delta R.T. -0.05 min
 Lab File: BG040095.D
 Acq: 22 Mar 2019 22:55

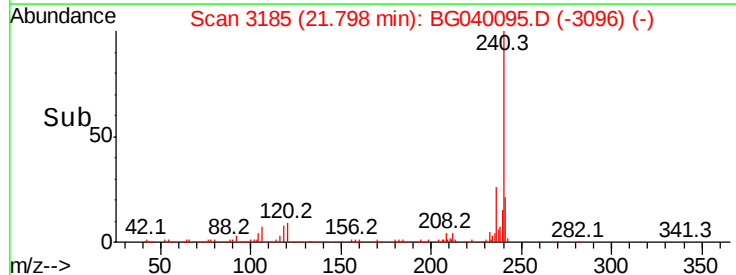
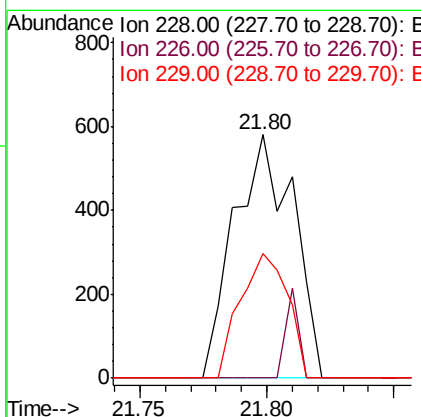
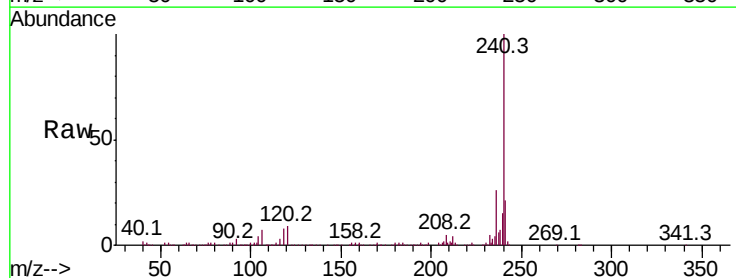
Instrument :
 BNA_G
 ClientSampled :

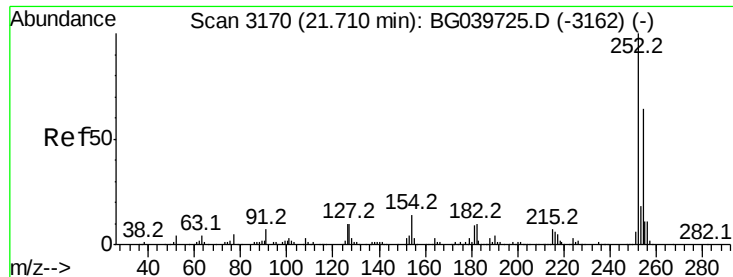
Tot Ion:	149	Resp:	61
Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#



#81
 Benzo(a)anthracene
 Concen: 0.045 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.01 min
 Lab File: BG040095.D
 Acq: 22 Mar 2019 22:55

Tgt Ion:	228	Resp:	944
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	51.3	16.9	25.3#





#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.07 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampled :

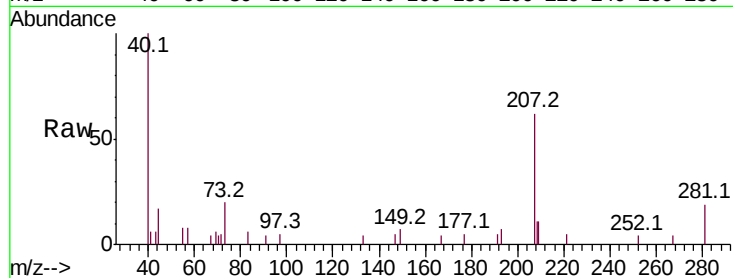
Tot Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

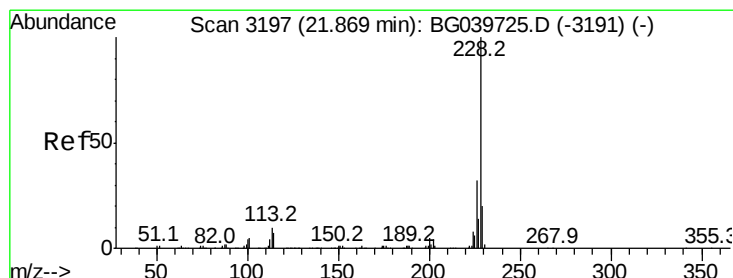
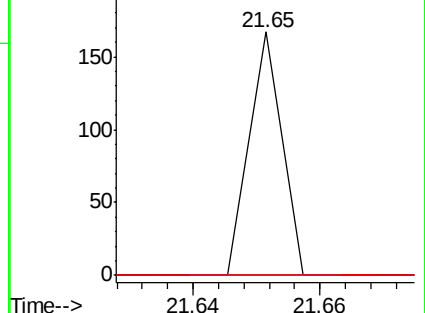
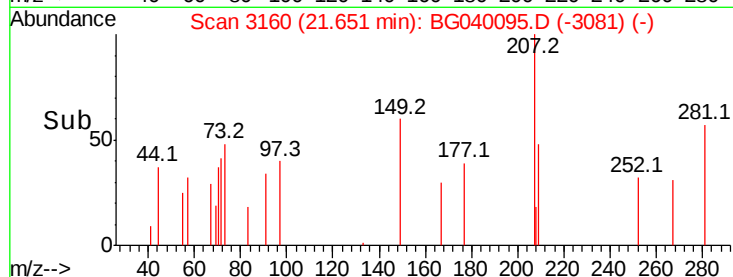
126 0.0 8.0 12.0#



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



#83

Chrysene

Concen: 0.047 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.08 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

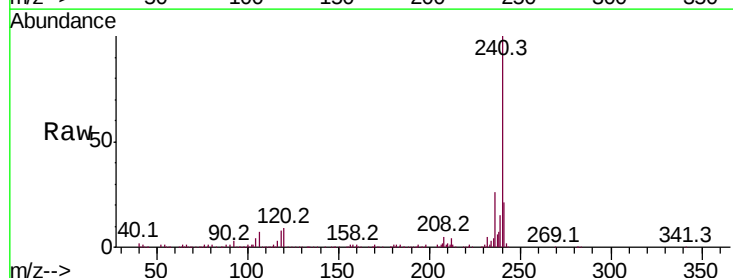
Tgt Ion:228 Resp: 944

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

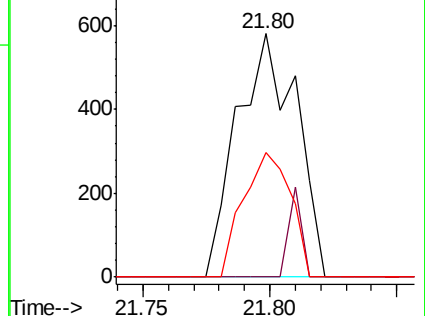
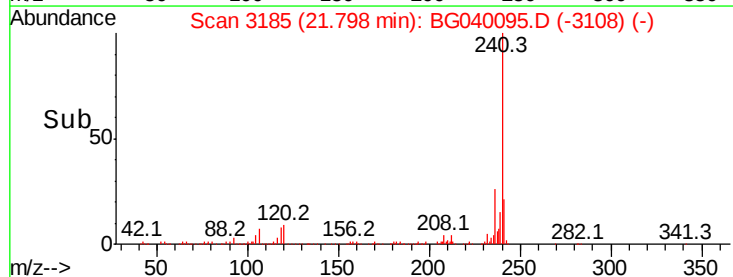
229 51.3 16.6 25.0#

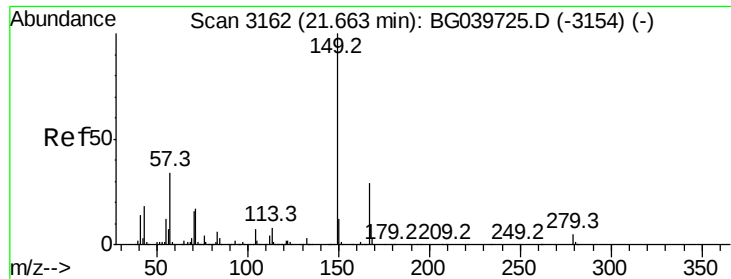


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampled :

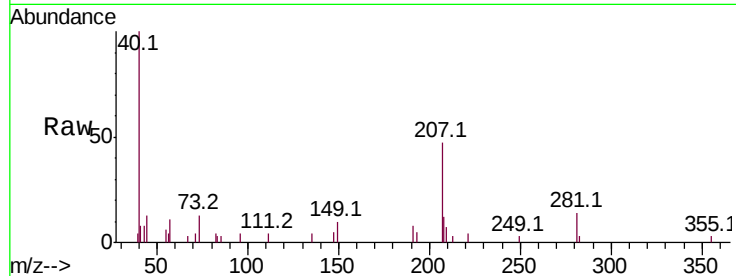
Tot Ion:149 Resp: 663

Ion Ratio Lower Upper

149 100

167 0.0 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

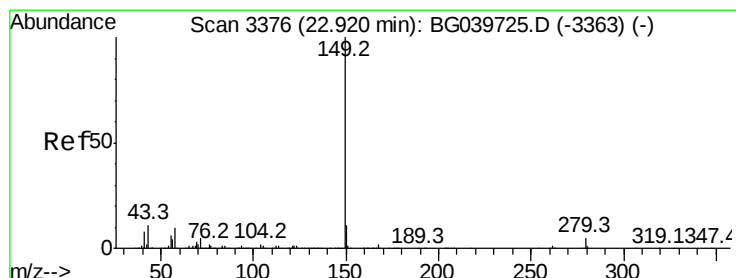
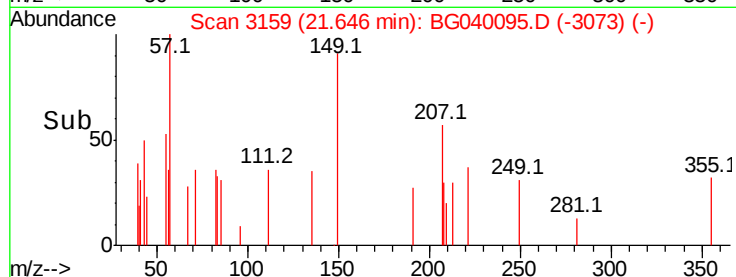
21.65

400

200

0

Time-->



#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.06 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

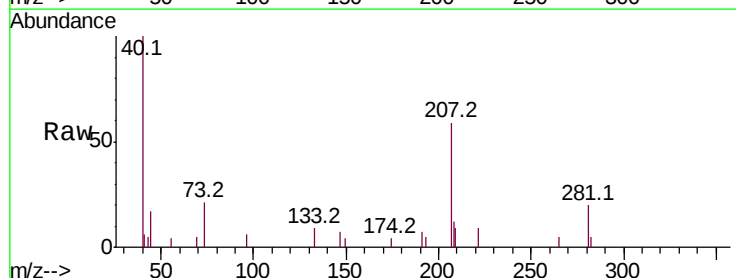
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

400

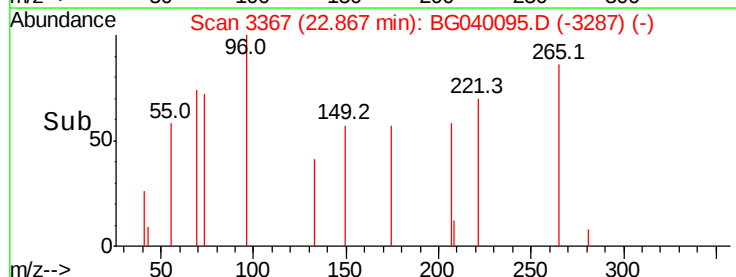
300

200

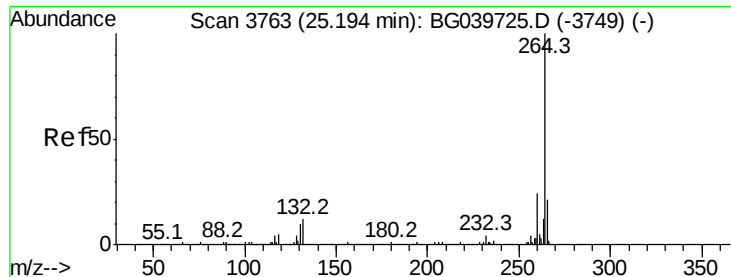
100

0

Time-->



Time-->



#87

Pervlone-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

Instrument :

BNA_G

ClientSampled :

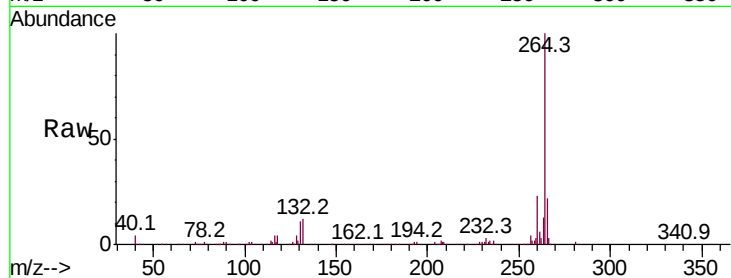
Tot Ion:264 Resp: 331351

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

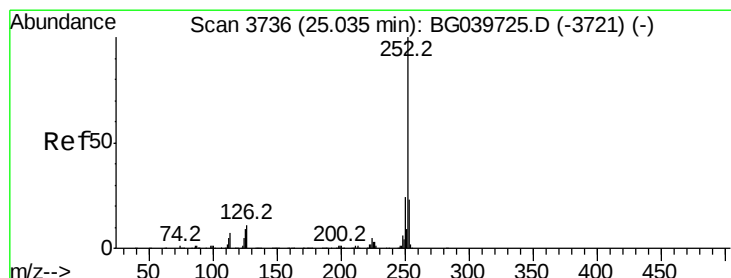
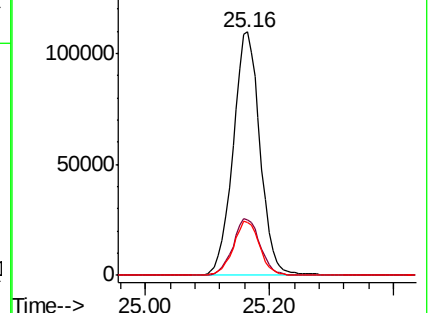
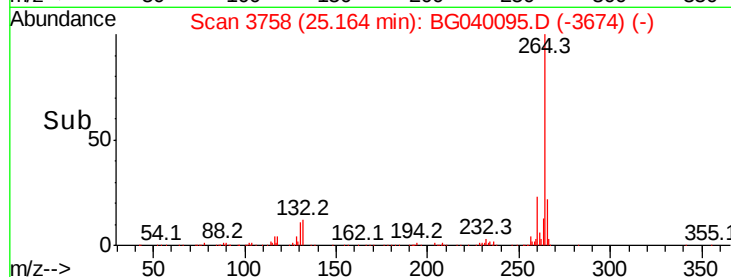
265 21.9 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#90

Benzo(a)pyrene

Concen: 0.081 ng

RT: 25.17 min Scan# 3759

Delta R.T. 0.13 min

Lab File: BG040095.D

Acq: 22 Mar 2019 22:55

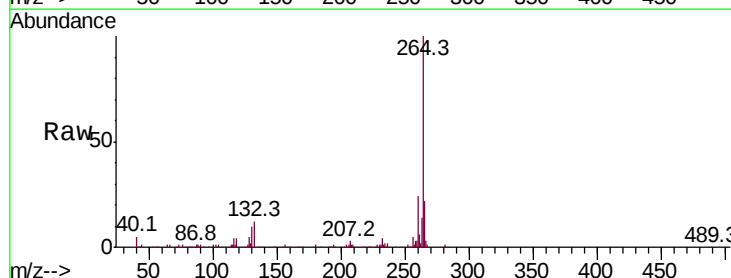
Tgt Ion:252 Resp: 1484

Ion Ratio Lower Upper

252 100

253 33.7 17.9 26.9#

125 0.0 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

