

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020057.D
 Acq On : 9 Dec 2015 23:49
 Operator : UM/SJ
 Sample : G4659-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-1C

Quant Time: Dec 10 02:44:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

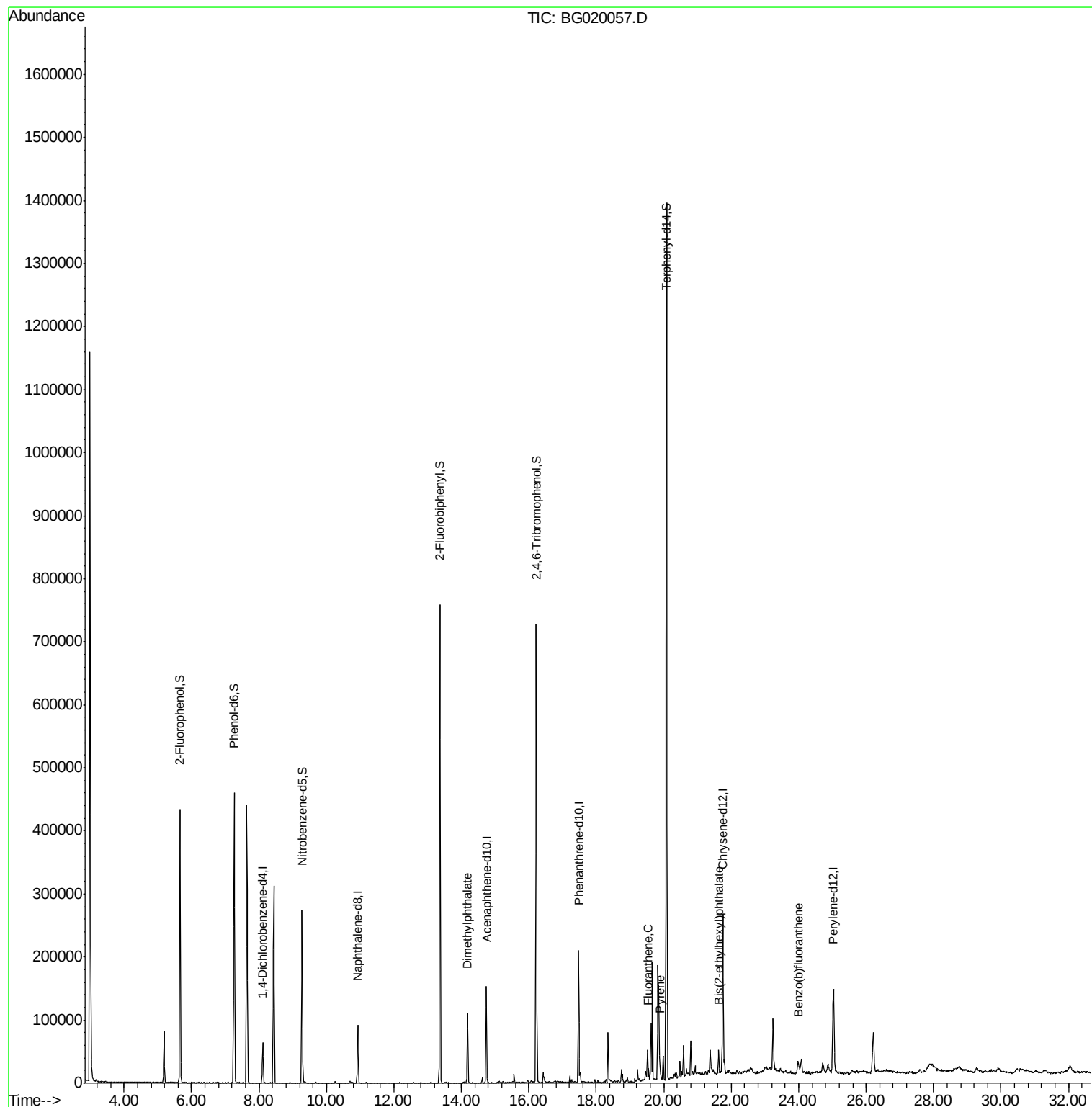
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17902	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	77089	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53427	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	129500	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	156338	20.00	ng	-0.04
86) Perylene-d12	25.04	264	149138	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	177294	178.99	ng	-0.01
7) Phenol-d6	7.26	99	261154	174.62	ng	-0.01
23) Nitrobenzene-d5	9.28	82	167880	111.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	133087	162.80	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	389367	99.51	ng	-0.02
78) Terphenyl-d14	20.08	244	613355	95.69	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.18	163	70505	14.67	ng	Qvalue 98
74) Fluoranthene	19.52	202	28531	3.04	ng	93
77) Pyrene	19.88	202	22329	2.43	ng	93
83) Bis(2-ethylhexyl)phthalate	21.63	149	15267	2.89	ng	# 97
87) Benzo(b)fluoranthene	23.98	252	23121	2.45	ng	# 93

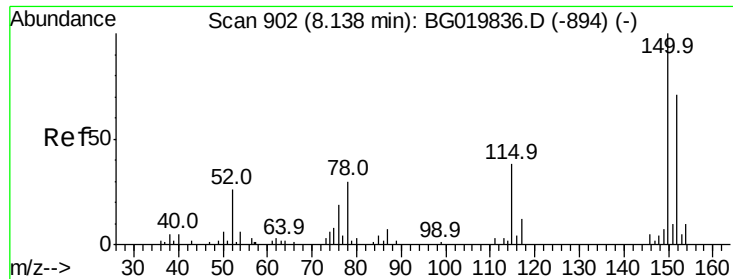
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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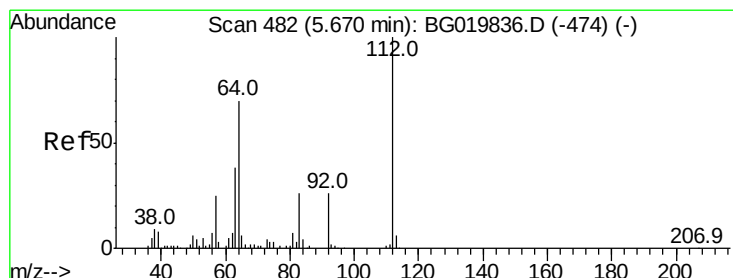
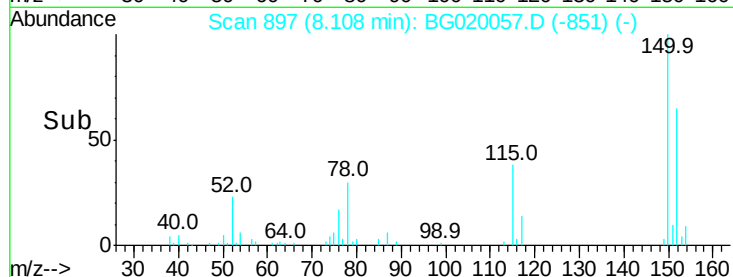
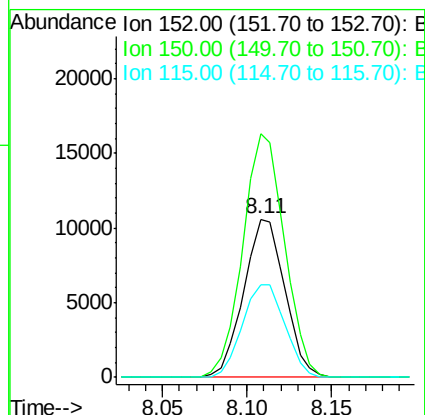
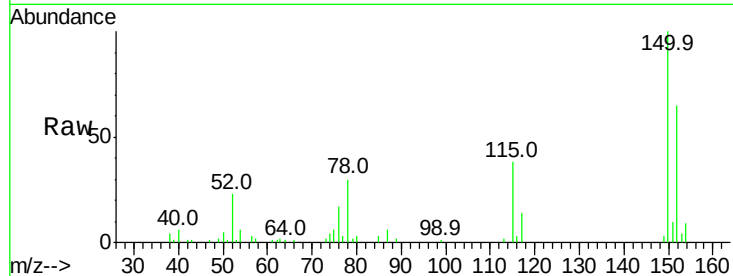


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020057.D
 Acq: 9 Dec 2015 23:49

Instrument :
 BNA_G
 ClientSampleId :
 A8-1C

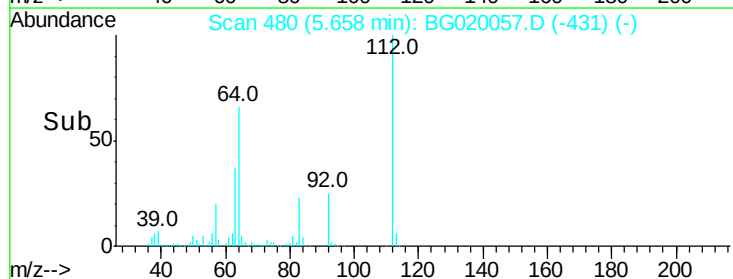
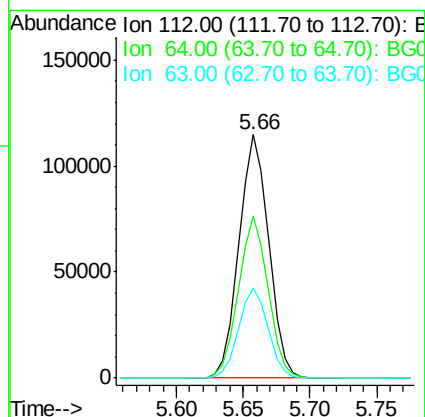
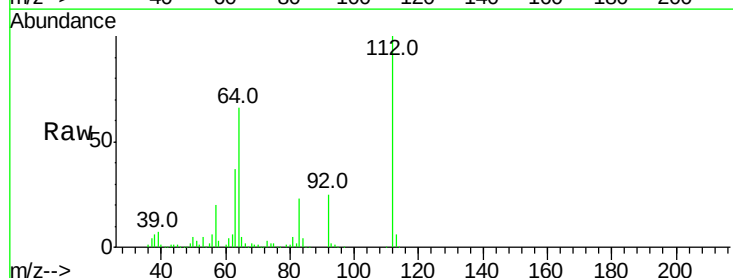
Tot Ion:152 Resp: 17902
 Ion Ratio Lower Upper
 152 100
 150 153.8 115.0 172.4
 115 58.6 43.9 65.9

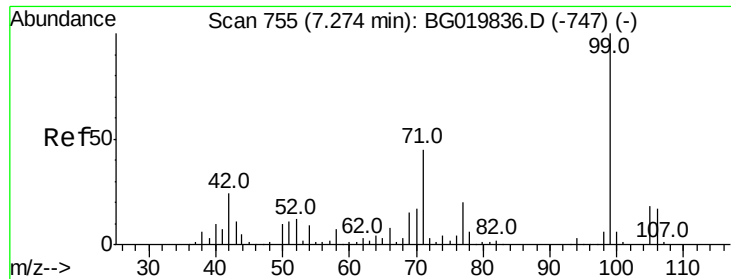


#5

2-Fluorophenol
 Concen: 178.99 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020057.D
 Acq: 9 Dec 2015 23:49

Tgt Ion:112 Resp: 177294
 Ion Ratio Lower Upper
 112 100
 64 66.3 43.7 65.5#
 63 37.1 24.0 36.0#





#7

Phenol-d6

Concen: 174.62 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

Instrument :

BNA_G

ClientSampleId :

A8-1C

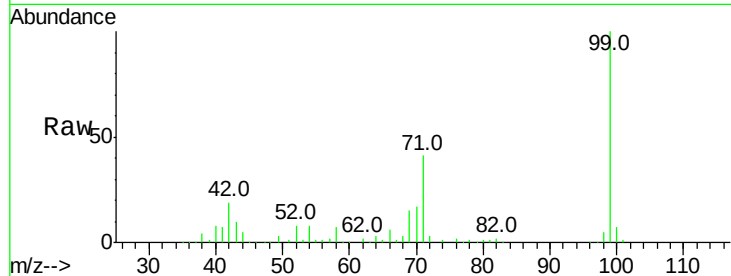
Tot Ion: 99 Resp: 261154

Ion Ratio Lower Upper

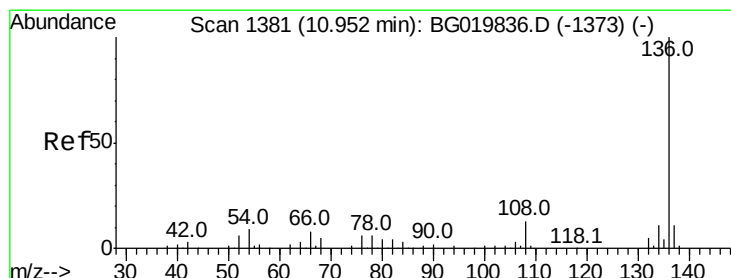
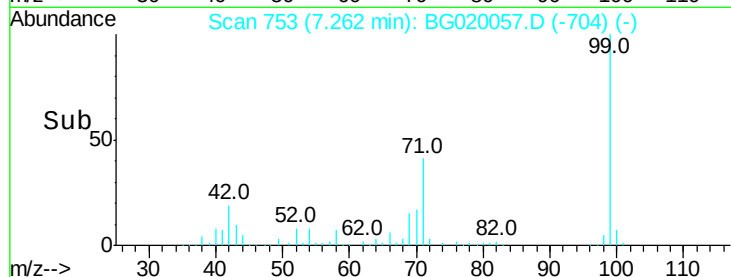
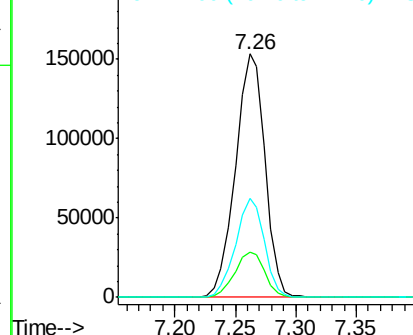
99 100

42 18.6 11.5 17.3#

71 40.7 22.6 34.0#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

Tgt Ion: 136 Resp: 77089

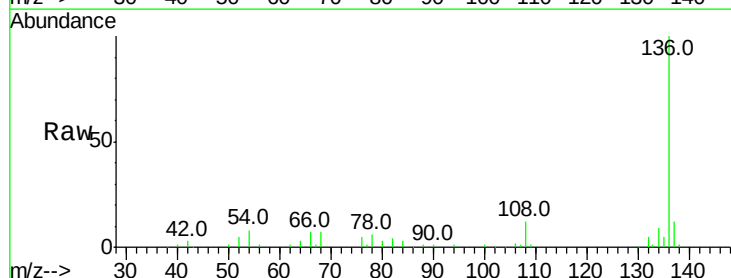
Ion Ratio Lower Upper

136 100

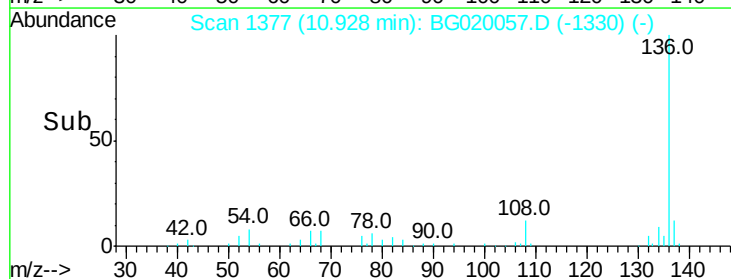
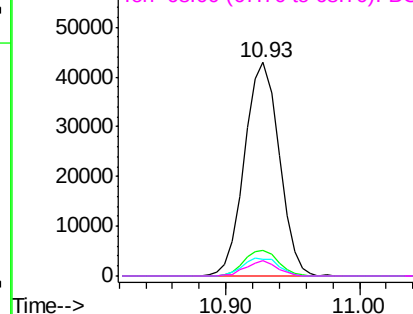
137 12.1 8.6 12.8

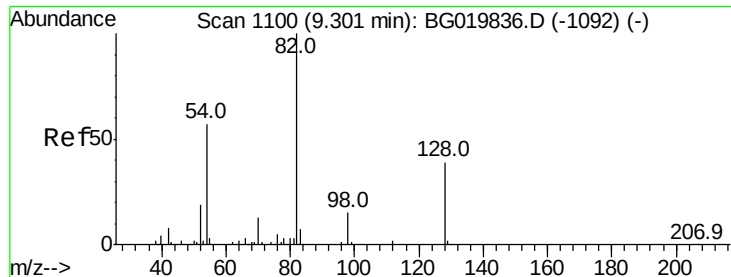
54 8.1 5.4 8.2

68 7.0 5.3 7.9



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

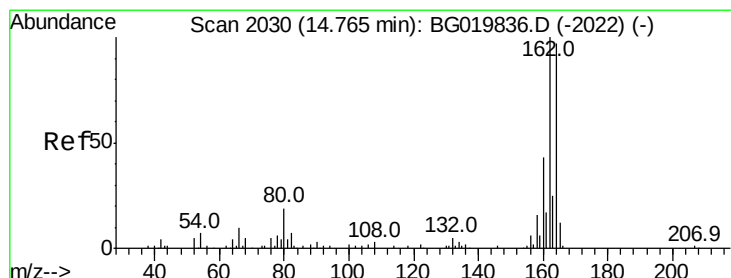
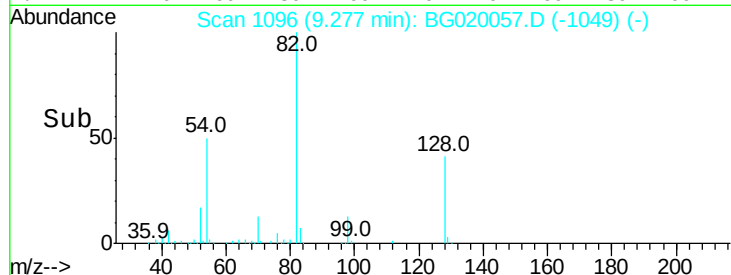
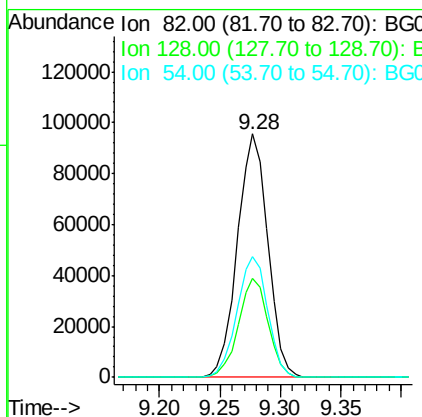
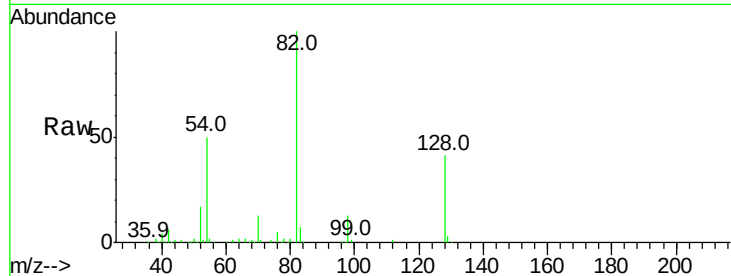




#23
 Nitrobenzene-d5
 Concen: 111.14 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020057.D
 Acq: 9 Dec 2015 23:49

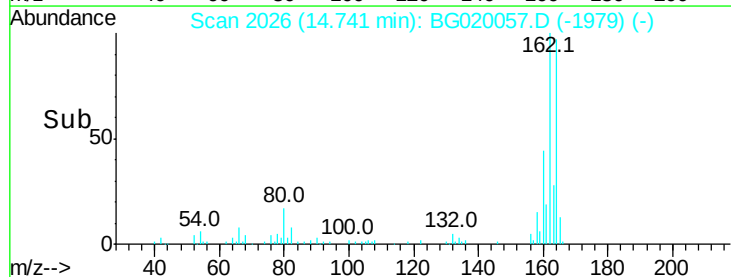
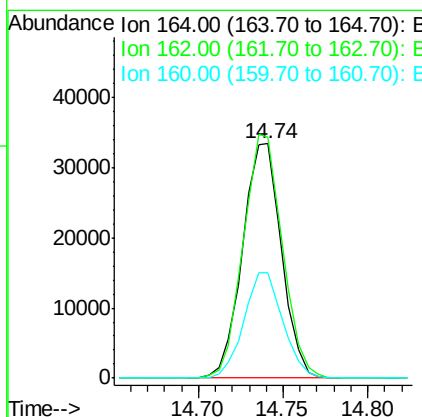
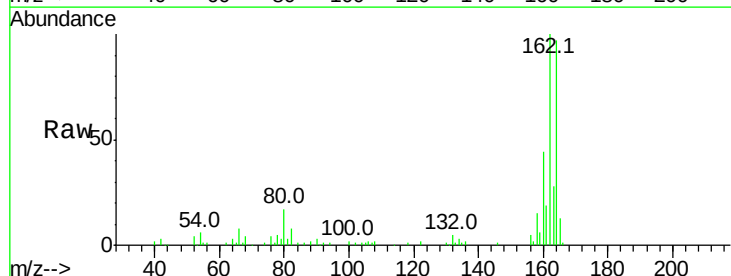
Instrument :
 BNA_G
 ClientSampleId :
 A8-1C

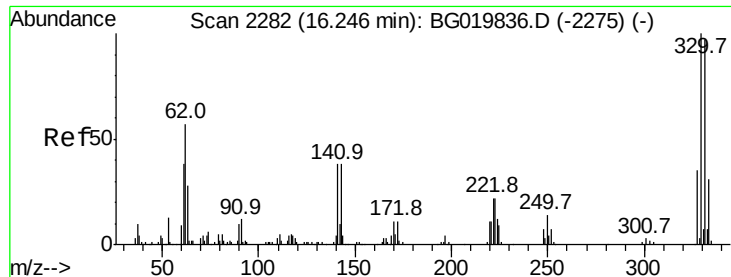
Tot Ion: 82 Resp: 167880
 Ion Ratio Lower Upper
 82 100
 128 40.7 36.7 55.1
 54 49.6 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG020057.D
 Acq: 9 Dec 2015 23:49

Tgt Ion: 164 Resp: 53427
 Ion Ratio Lower Upper
 164 100
 162 103.0 78.8 118.2
 160 45.2 36.4 54.6

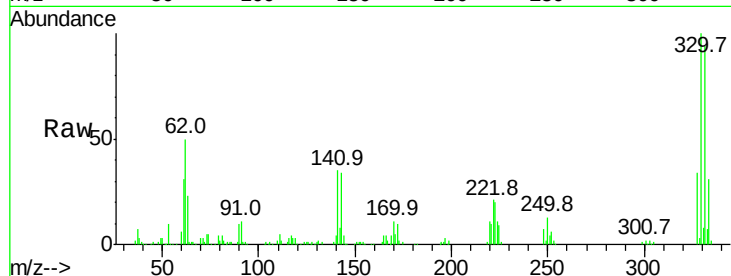




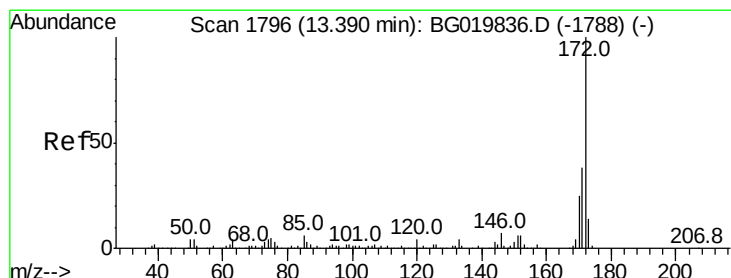
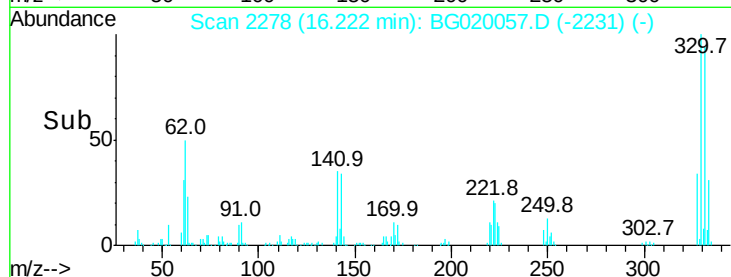
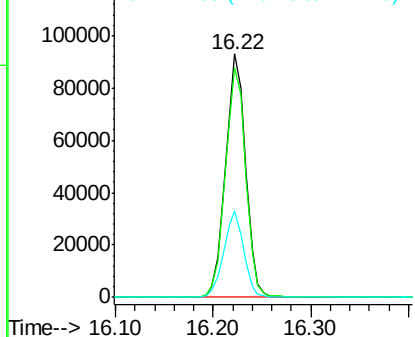
#41
 2,4,6-Tribromophenol
 Concen: 162.80 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020057.D
 Acq: 9 Dec 2015 23:49

Instrument :
 BNA_G
 ClientSampleId :
 A8-1C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.1	117.1
141	35.2	28.2	42.2

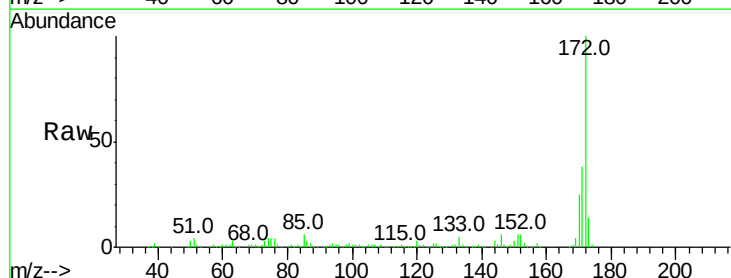


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

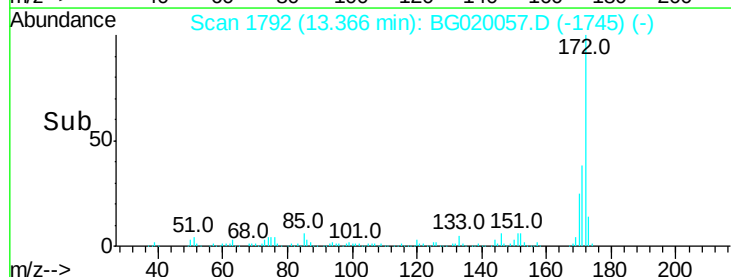
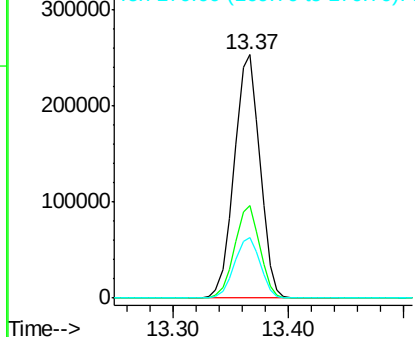


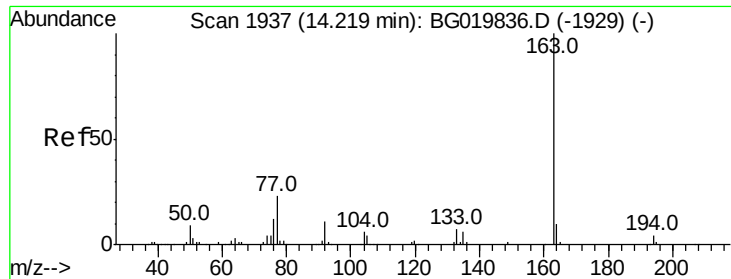
#44
 2-Fluorobiphenyl
 Concen: 99.51 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020057.D
 Acq: 9 Dec 2015 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.6
170	25.0	19.9	29.9



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





#49

Dimethylphthalate

Concen: 14.67 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

Instrument :

BNA_G

ClientSampleId :

A8-1C

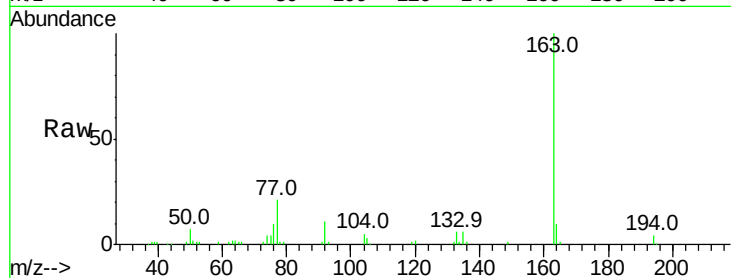
Tot Ion:163 Resp: 70505

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

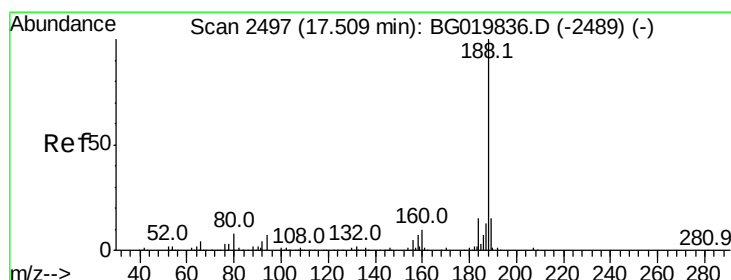
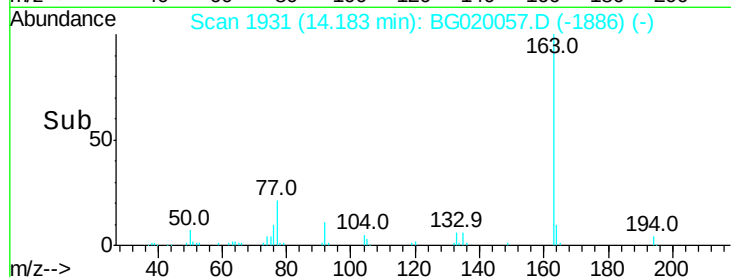
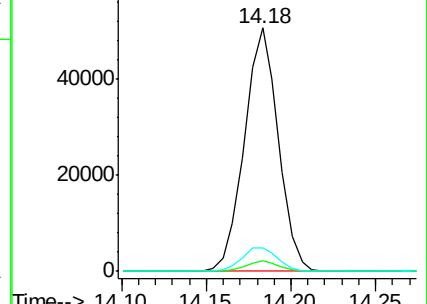
164 9.9 8.8 13.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

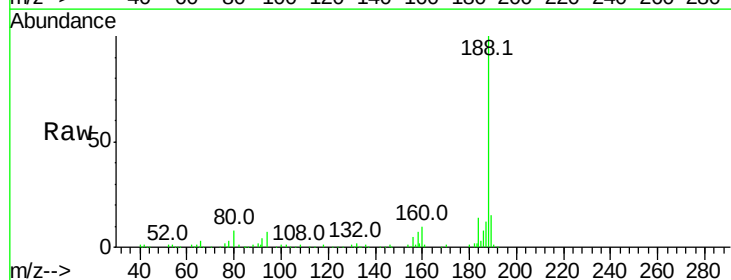
Tgt Ion:188 Resp: 129500

Ion Ratio Lower Upper

188 100

94 6.8 7.7 11.5#

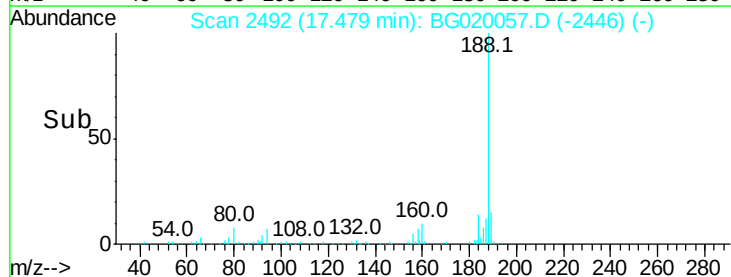
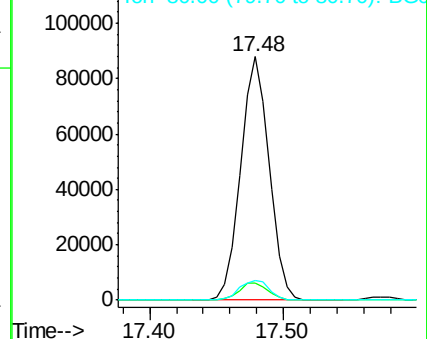
80 8.1 7.8 11.8

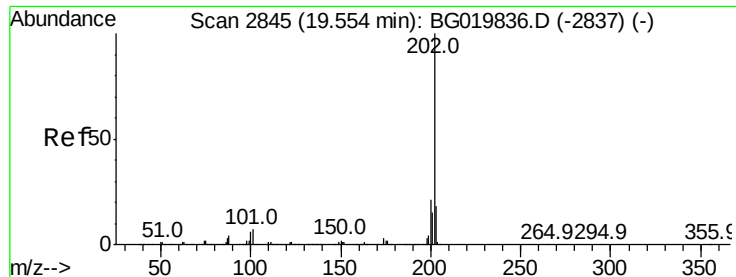


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 3.04 ng

RT: 19.52 min Scan# 2840

Delta R.T. -0.03 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

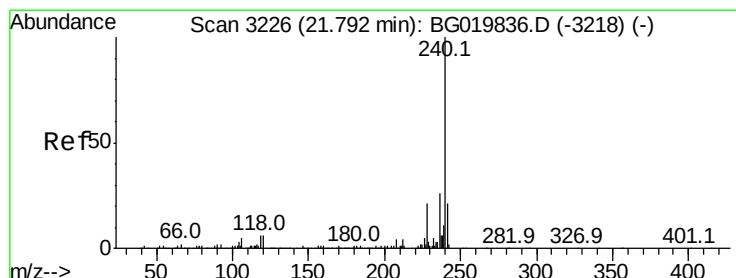
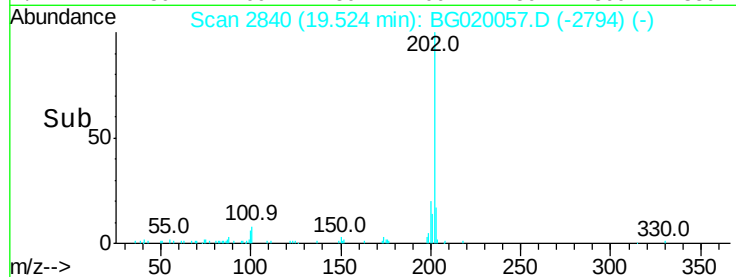
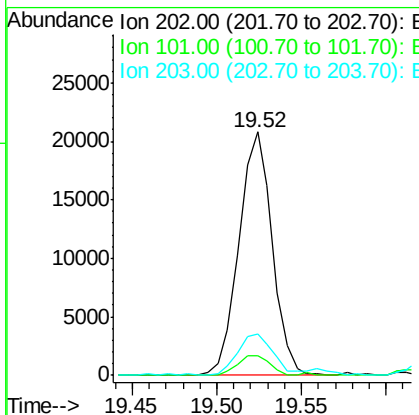
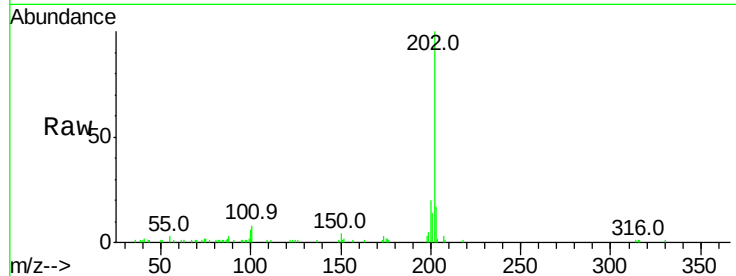
Instrument :

BNA_G

ClientSampleId :

A8-1C

Tot Ion:	202	Resp:	28531
Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	32.4
203	17.2	0.0	39.5



#75

Chrysene-d12

Concen: 20.00 ng

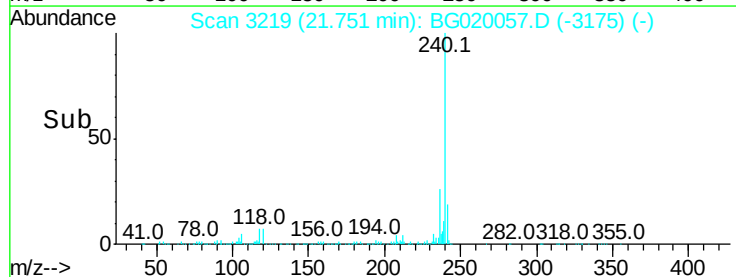
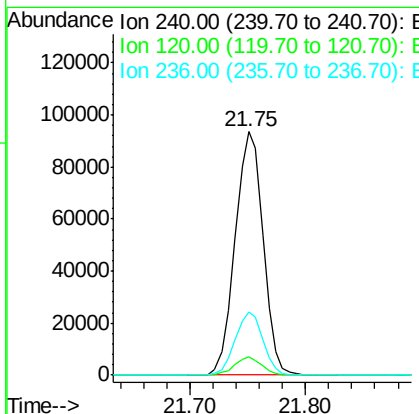
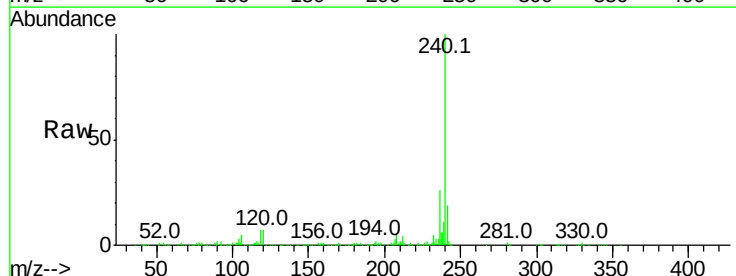
RT: 21.75 min Scan# 3219

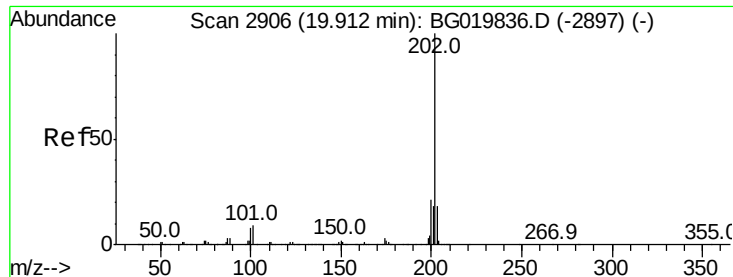
Delta R.T. -0.04 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

Tgt Ion:	240	Resp:	156338
Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.4	11.0#
236	25.8	20.7	31.1





#77

Pvrene

Concen: 2.43 ng

RT: 19.88 min Scan# 2901

Delta R.T. -0.03 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

Instrument :

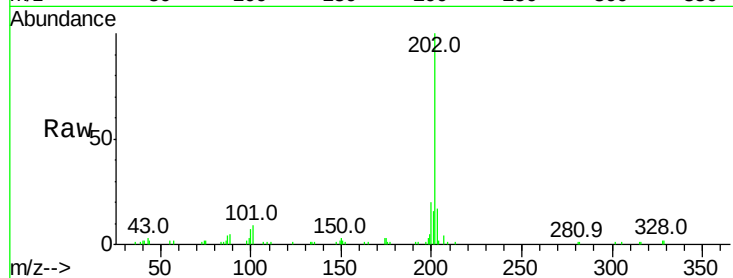
BNA_G

ClientSampleId :

A8-1C

Tot Ion:202 Resp: 22329

Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.4	29.0
203	16.7	15.5	23.3

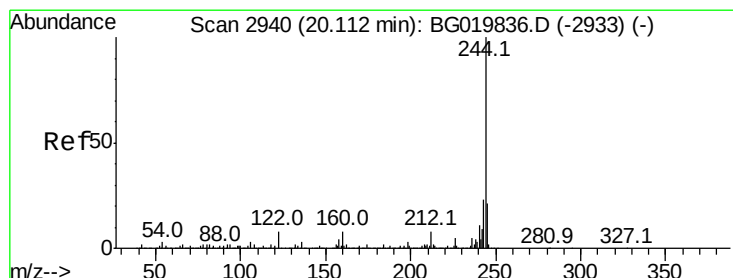
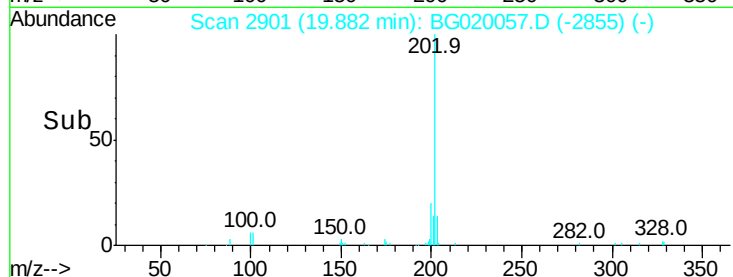
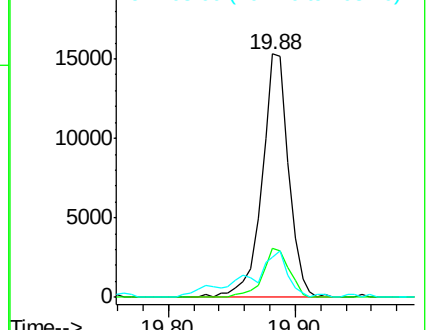


Abundance

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: 95.69 ng

RT: 20.08 min Scan# 2935

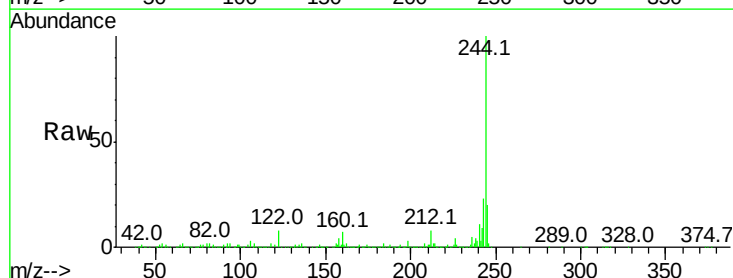
Delta R.T. -0.03 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

Tgt Ion:244 Resp: 613355

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	7.8	10.2	15.2#

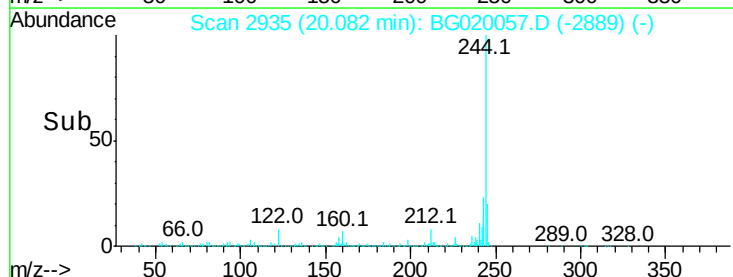
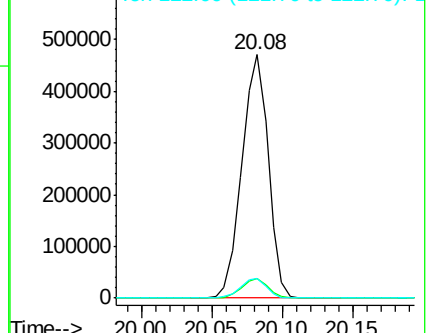


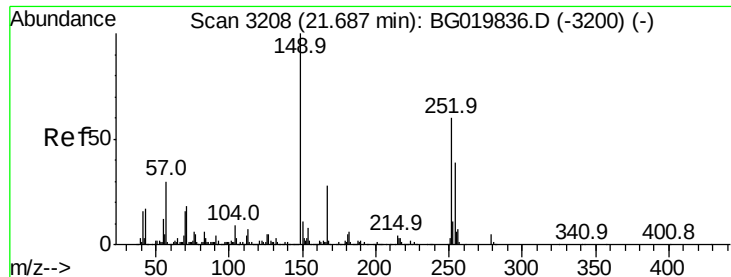
Abundance

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.89 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.06 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

Instrument :

BNA_G

ClientSampleId :

A8-1C

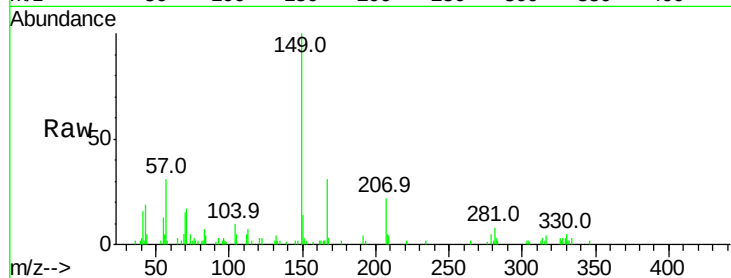
Tot Ion:149 Resp: 15267

Ion Ratio Lower Upper

149 100

167 31.3 23.8 35.8

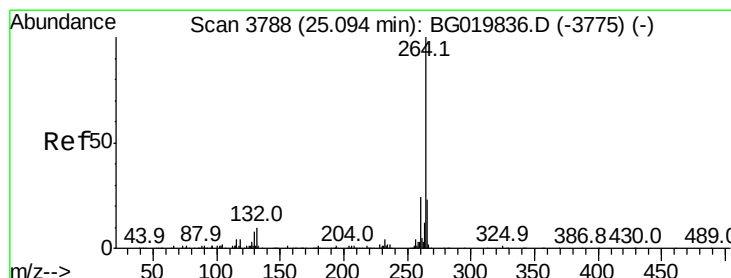
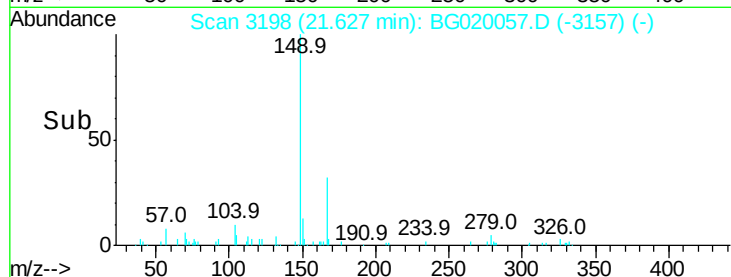
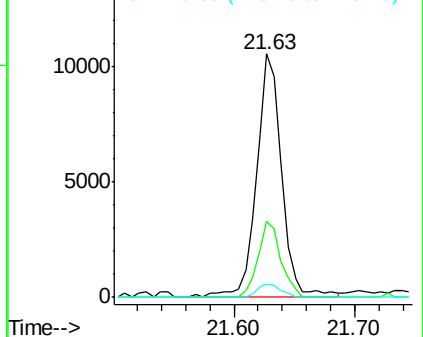
279 5.3 3.4 5.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

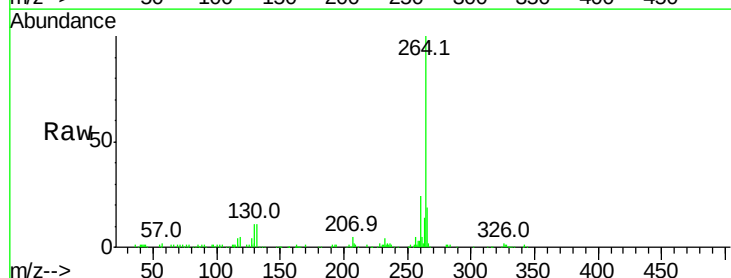
Tgt Ion:264 Resp: 149138

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

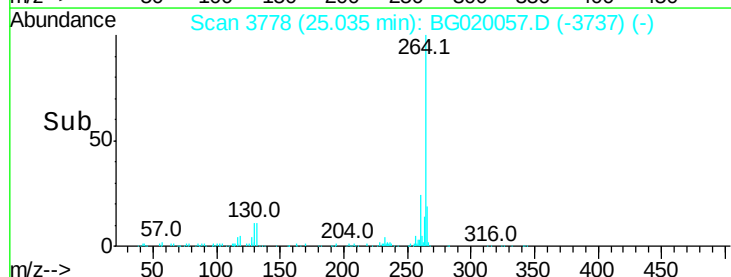
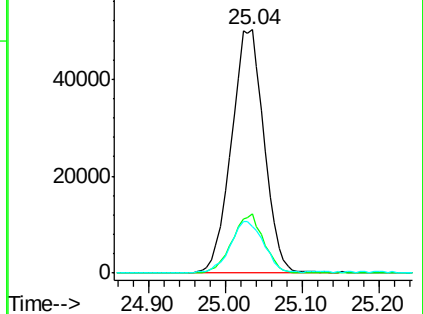
265 19.2 17.2 25.8

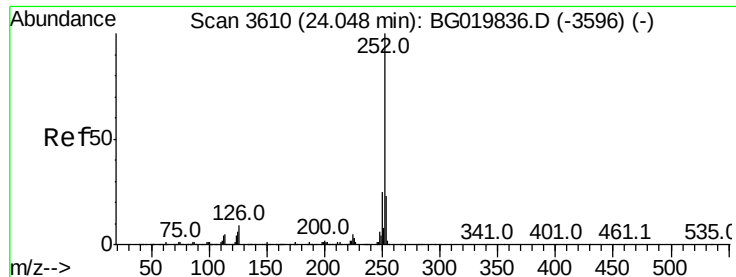


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.45 ng

RT: 23.98 min Scan# 3599

Delta R.T. -0.07 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

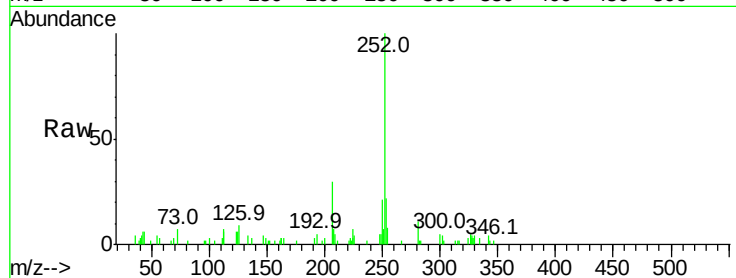
Instrument :

BNA_G

ClientSampleId :

A8-1C

Tot Ion:	252	Resp:	23121
Ion Ratio	Lower	Upper	
252	100		
253	21.8	19.1	28.7
125	5.9	8.9	13.3



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

