

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 00:54:25 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

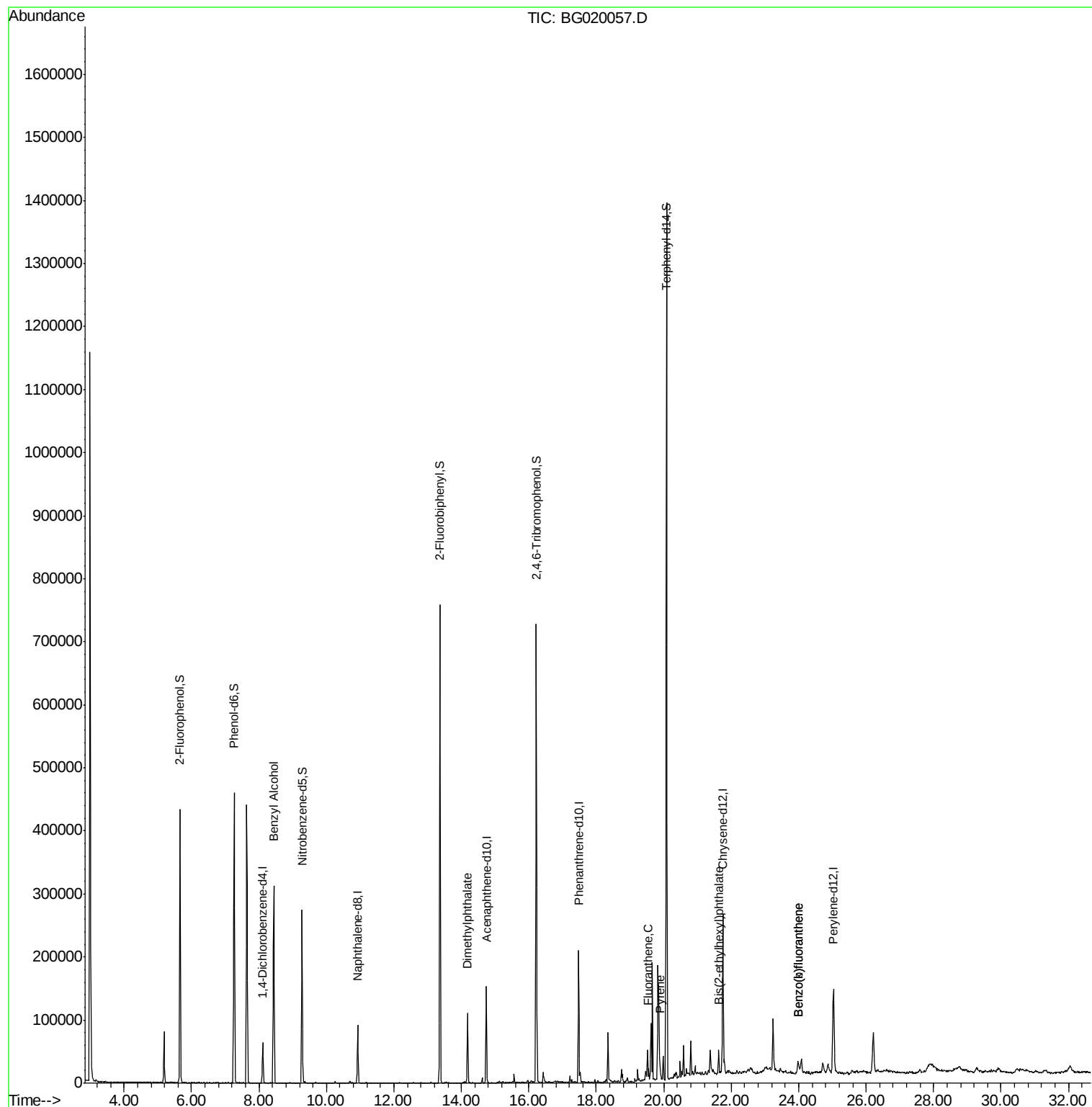
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17902	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	77089	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53427	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	129500	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	156338	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						
15) Benzyl Alcohol	8.43	79	2803	2.14	ng	Qvalue # 55
49) Dimethylphthalate	14.18	163	70505	14.67	ng	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
88) Benzo(k)fluoranthene	23.98	252	23121	2.47	ng	# 93

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

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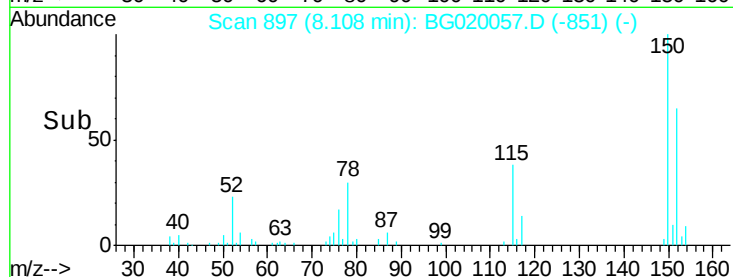
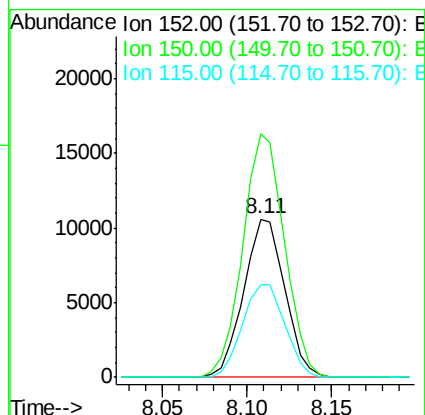
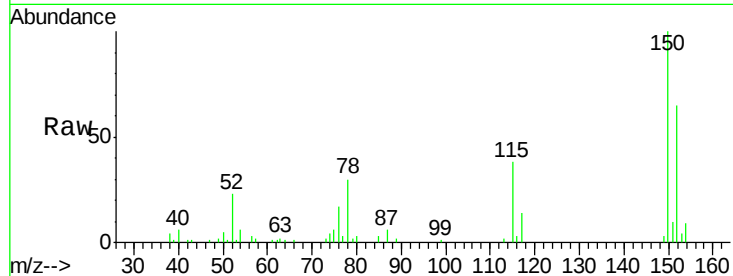




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020057.D
 Acq: 9 Dec 2015 23:49

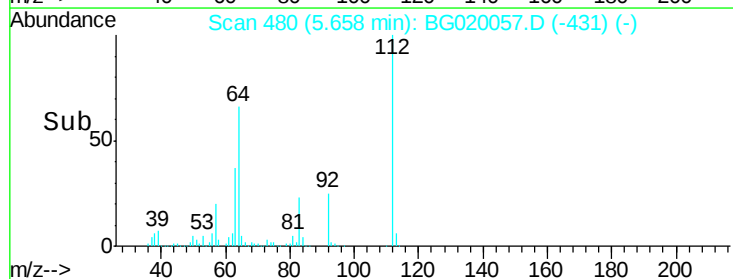
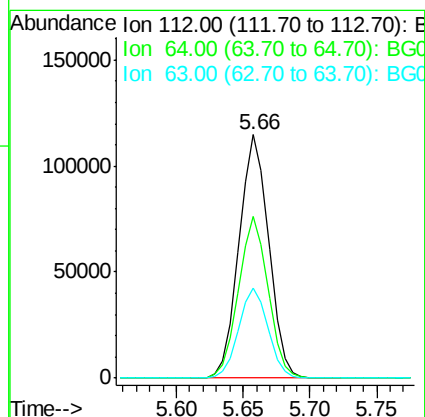
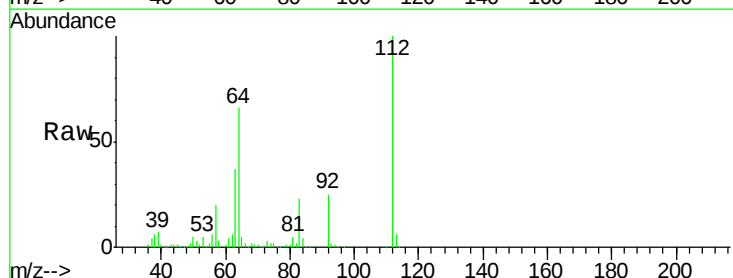
Instrument :
 BNA_G
 ClientSampleId :
 A8-1C

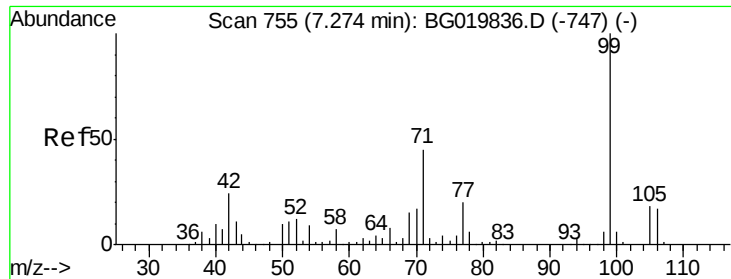
Tgt Ion:152 Resp: 17902
 Ion Ratio Lower Upper
 152 100
 150 153.8 115.0 172.4
 115 58.6 43.9 65.9



#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

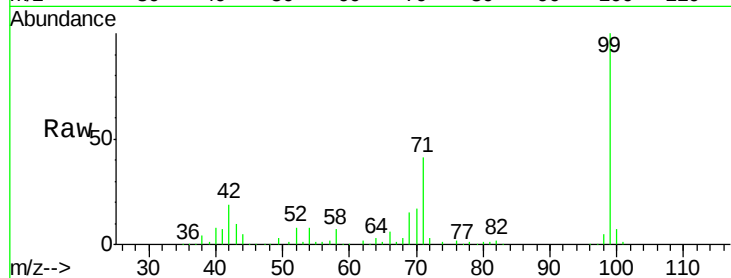
Tgt Ion: 99 Resp: 261154

Ion Ratio Lower Upper

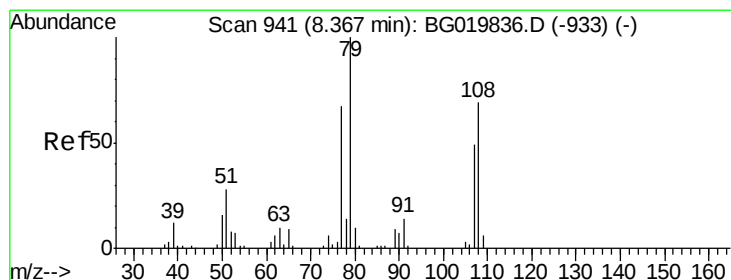
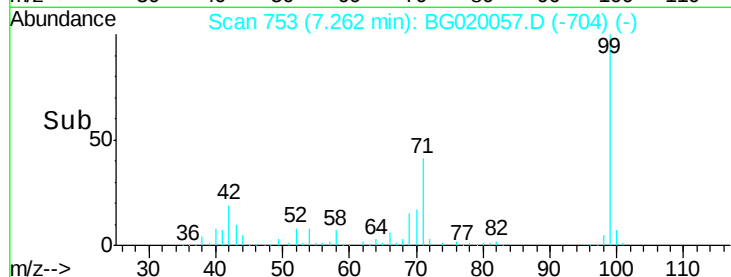
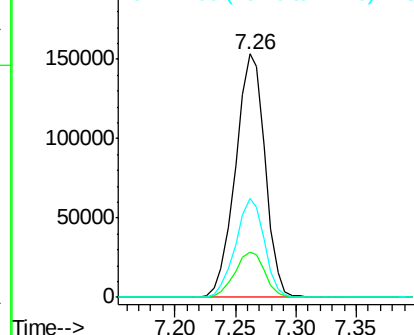
99 100

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



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 8.43 min Scan# 952

Delta R.T. 0.06 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

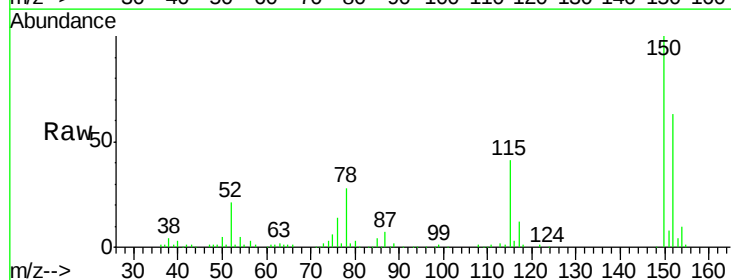
Tgt Ion: 79 Resp: 2803

Ion Ratio Lower Upper

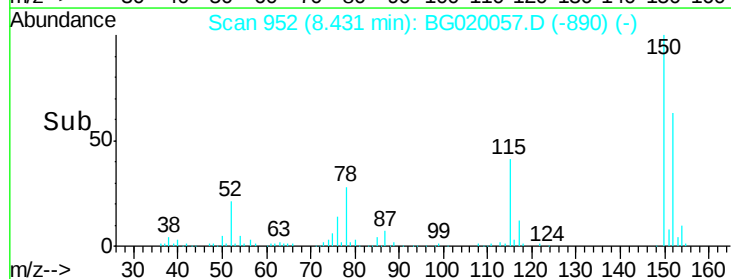
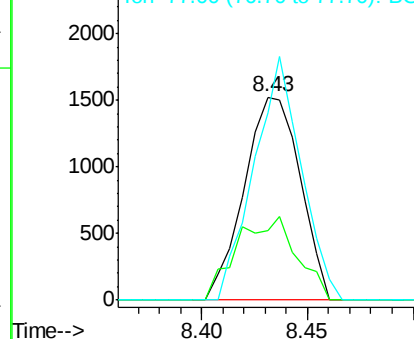
79 100

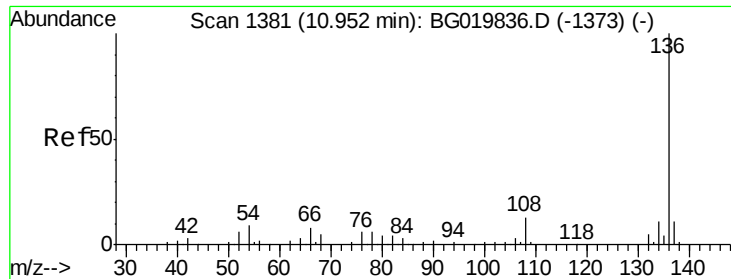
108 34.4 65.5 98.3#

77 91.9 51.3 76.9#



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

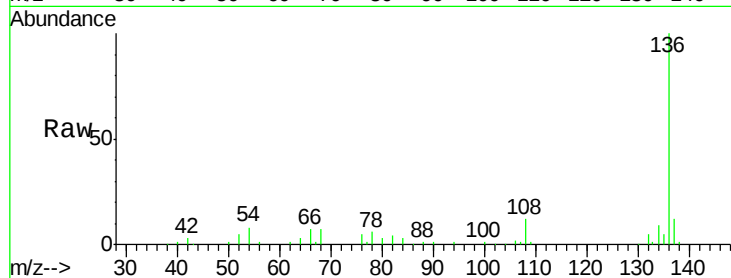




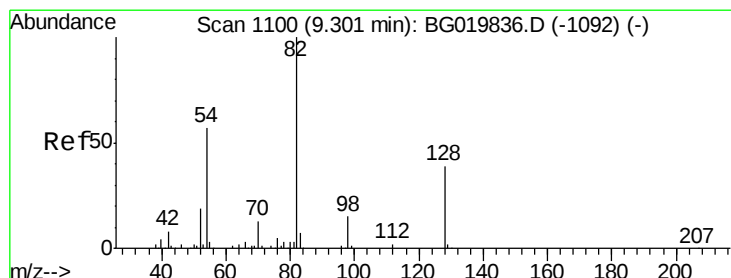
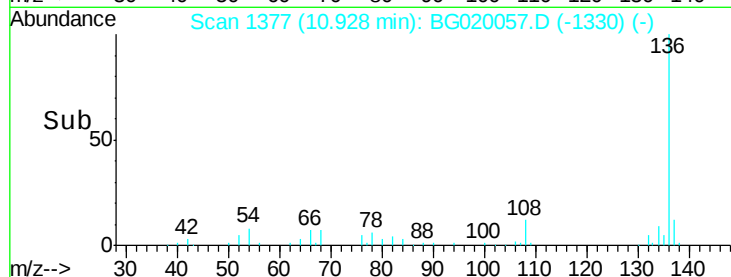
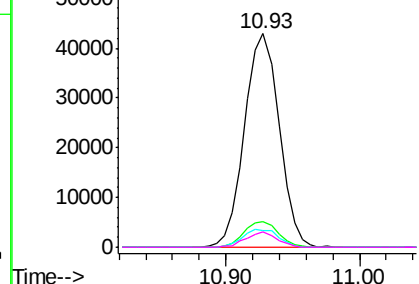
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020057.D
Acq: 9 Dec 2015 23:49

Instrument :
BNA_G
ClientSampleId :
A8-1C

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

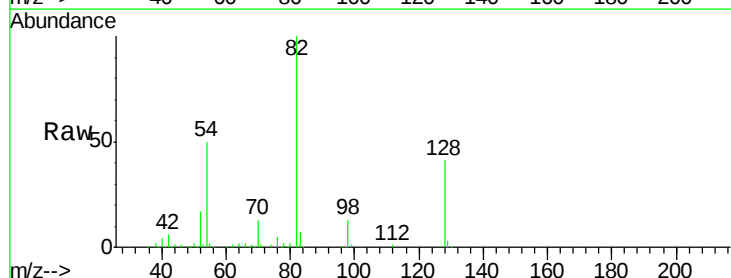


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

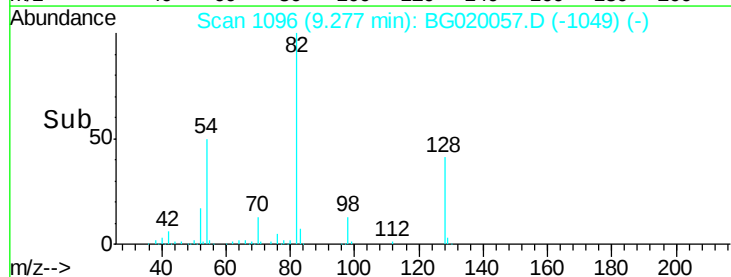
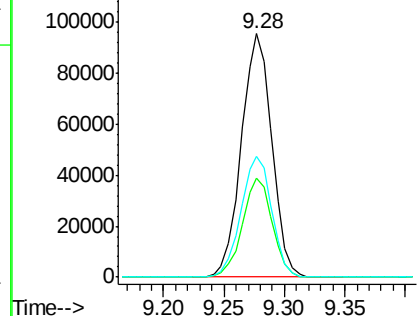


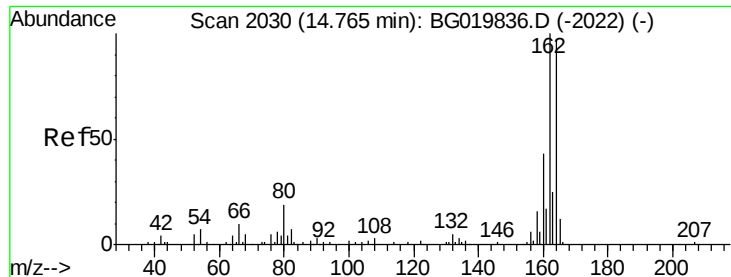
#23
Nitrobenzene-d5
Concen: 111.14 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020057.D
Acq: 9 Dec 2015 23:49

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



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#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

Instrument :

BNA_G

ClientSampleId :

A8-1C

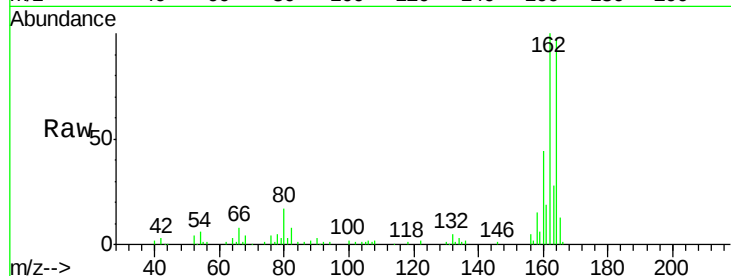
Tgt Ion:164 Resp: 53427

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

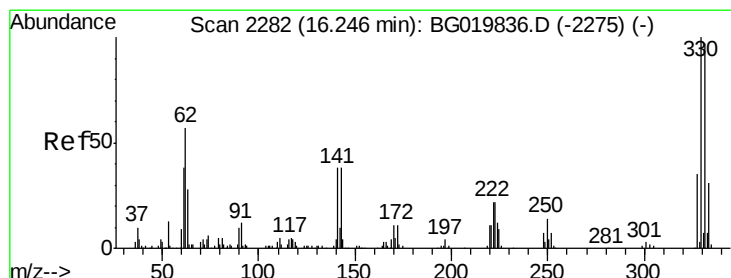
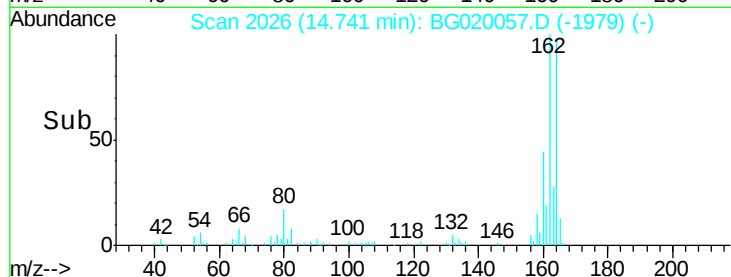
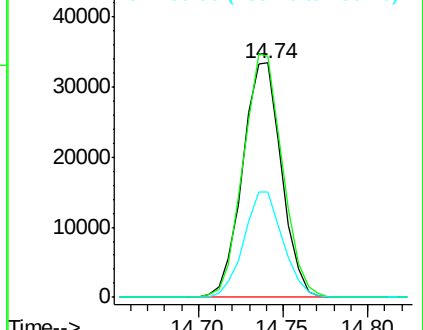
160 45.2 36.4 54.6



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



#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

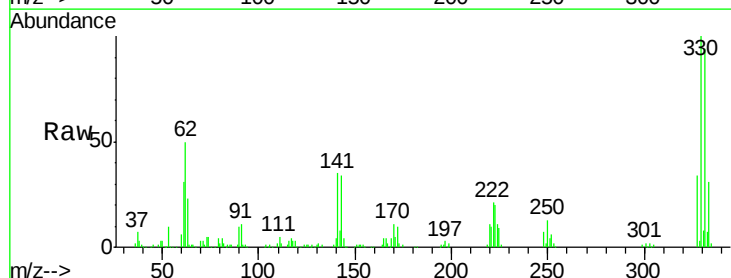
Tgt Ion:330 Resp: 133087

Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

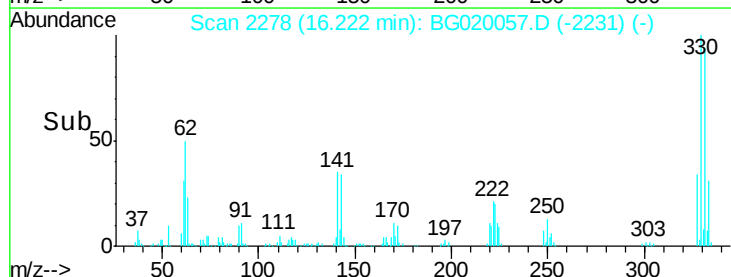
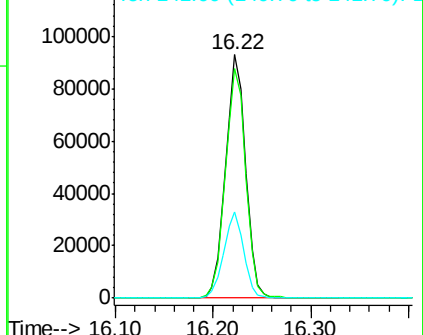
141 35.2 28.2 42.2

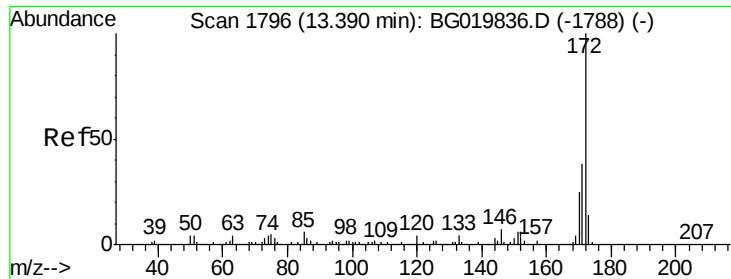


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

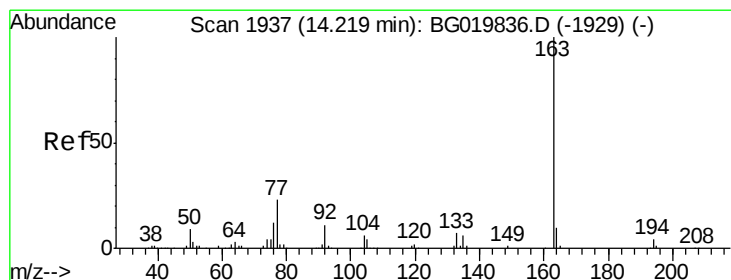
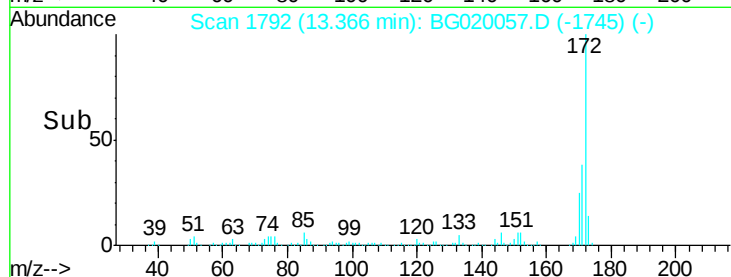
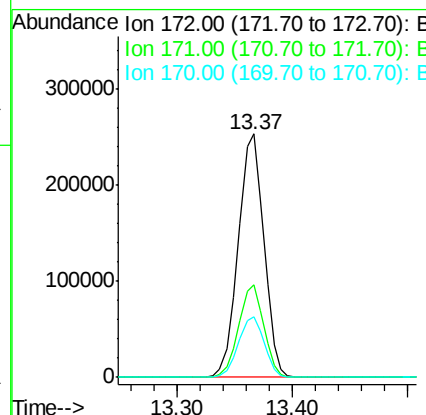
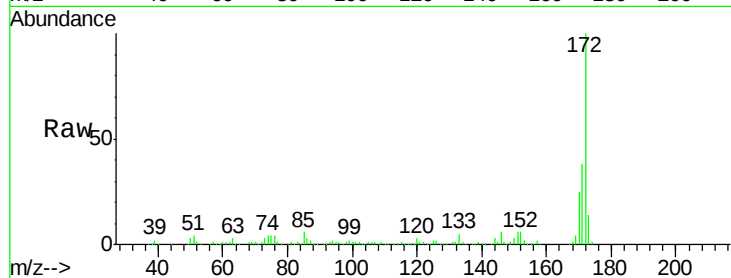




#44
2-Fluorobiphenyl
Concen: 99.51 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020057.D
Acq: 9 Dec 2015 23:49

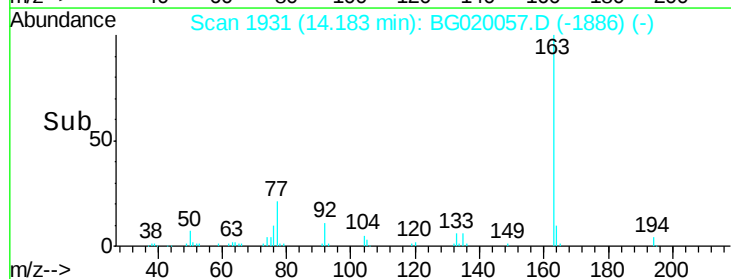
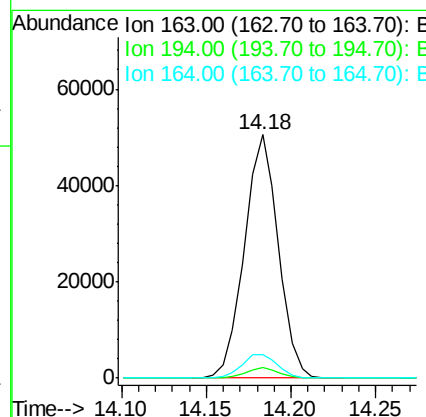
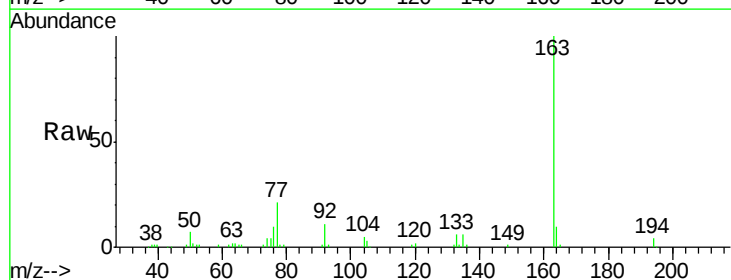
Instrument :
BNA_G
ClientSampleId :
A8-1C

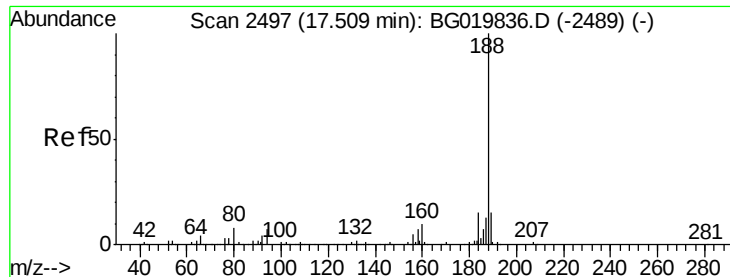
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.6
170	25.0	19.9	29.9



#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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	8.8	13.2

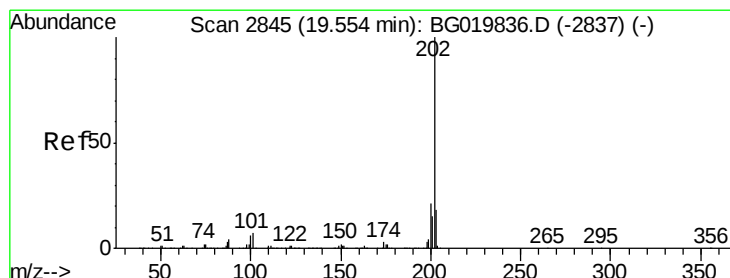
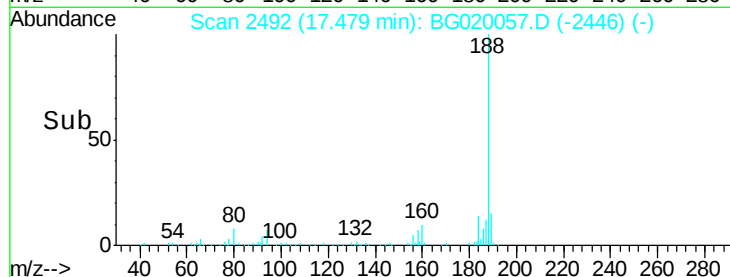
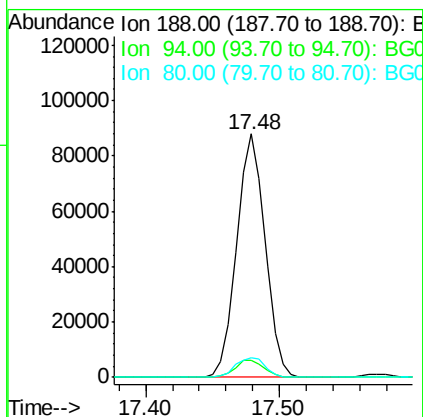
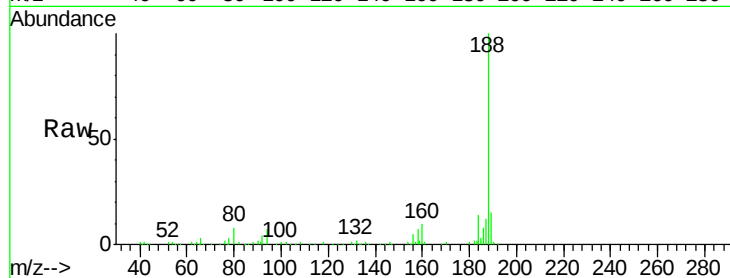




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020057.D
Acq: 9 Dec 2015 23:49

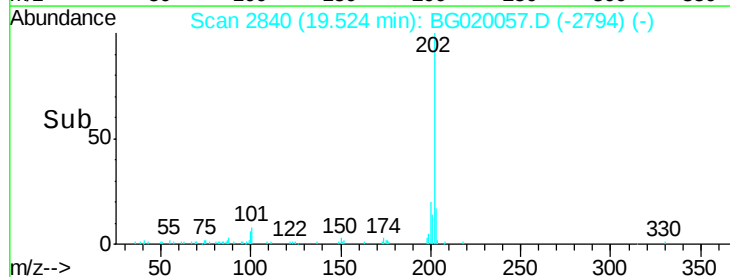
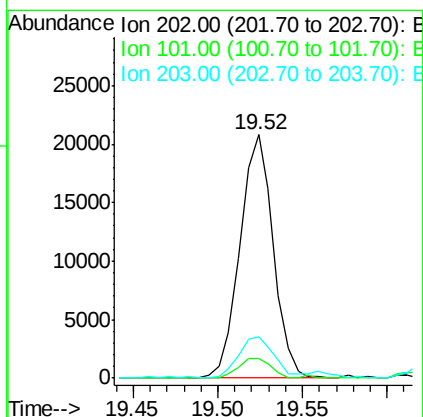
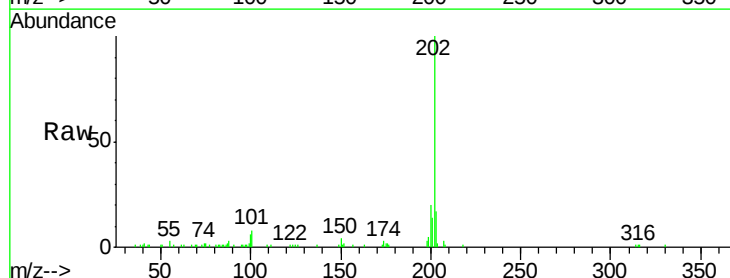
Instrument :
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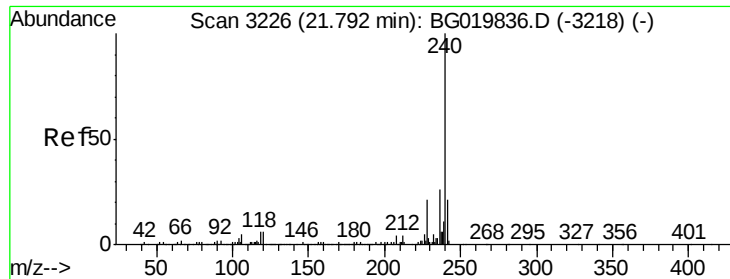
Tgt Ion:188 Resp: 129500
Ion Ratio Lower Upper
188 100
94 6.8 7.7 11.5#
80 8.1 7.8 11.8



#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

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

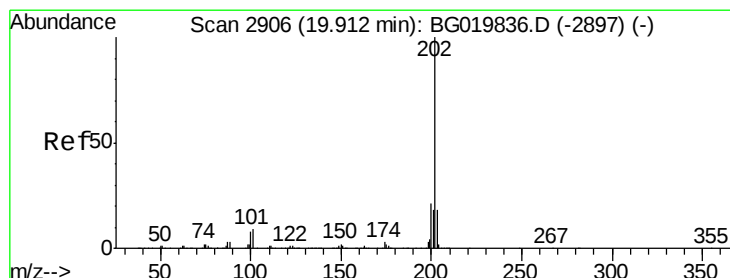
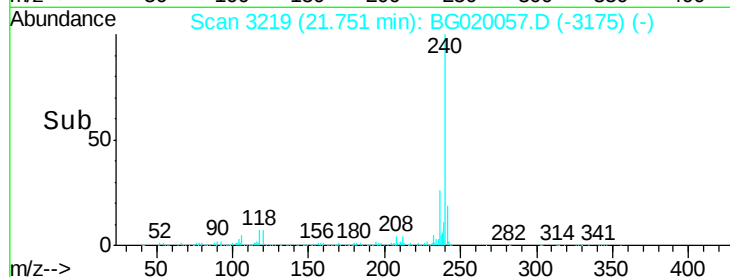
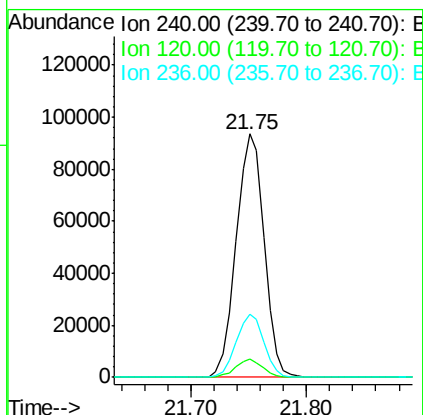
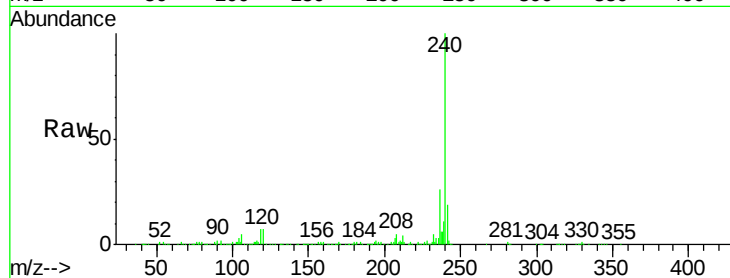




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.04 min
 Lab File: BG020057.D
 Acq: 9 Dec 2015 23:49

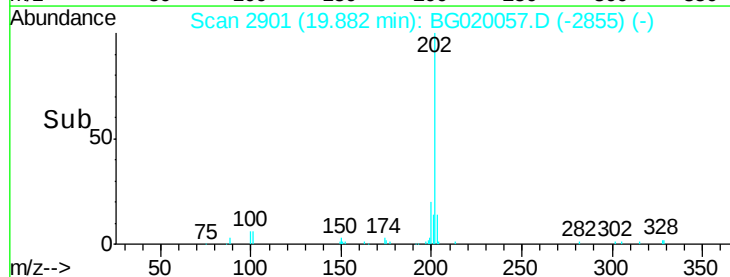
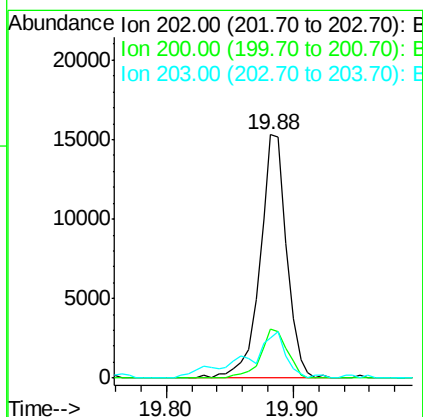
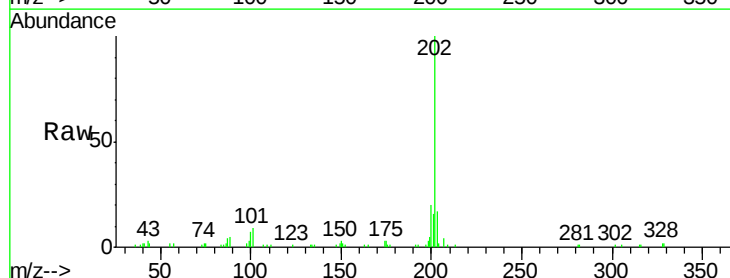
Instrument :
 BNA_G
 ClientSampleId :
 A8-1C

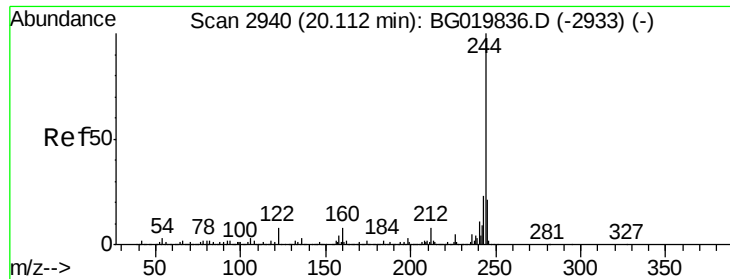
Tgt Ion:240 Resp: 156338
 Ion Ratio Lower Upper
 240 100
 120 7.3 7.4 11.0#
 236 25.8 20.7 31.1



#77
 Pyrene
 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

Tgt Ion:202 Resp: 22329
 Ion Ratio Lower Upper
 202 100
 200 20.1 19.4 29.0
 203 16.7 15.5 23.3





#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

Instrument :

BNA_G

ClientSampleId :

A8-1C

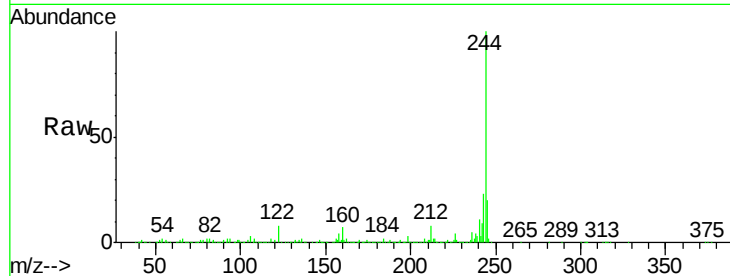
Tgt Ion:244 Resp: 613355

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

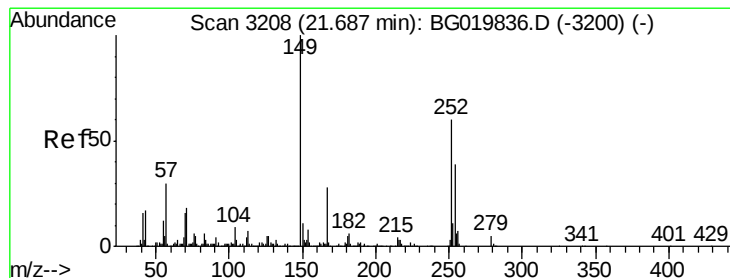
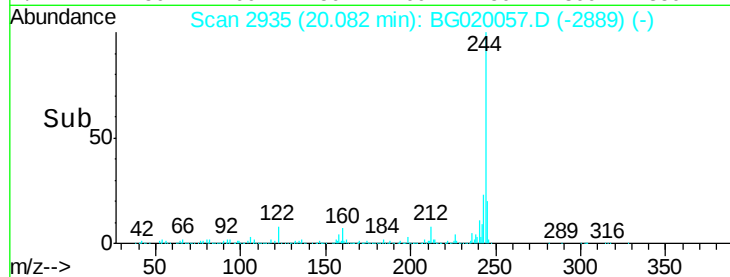
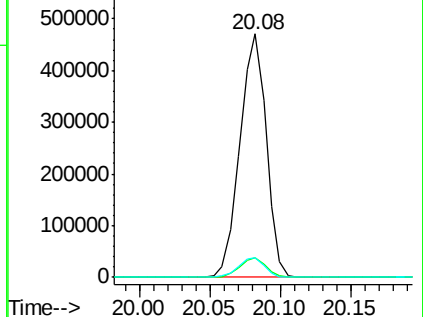
122 7.8 10.2 15.2#



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

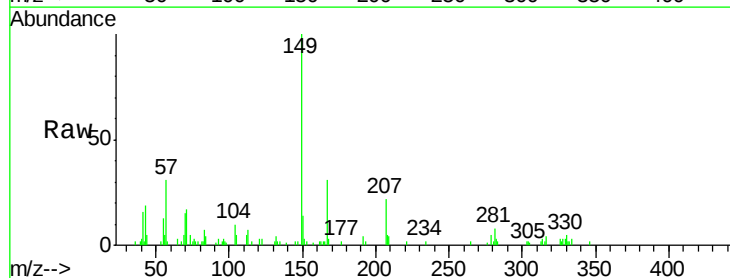
Tgt Ion:149 Resp: 15267

Ion Ratio Lower Upper

149 100

167 31.3 23.8 35.8

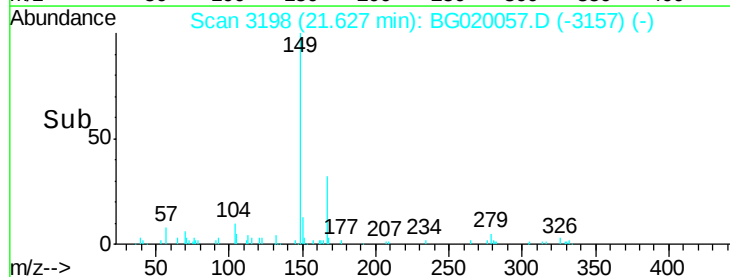
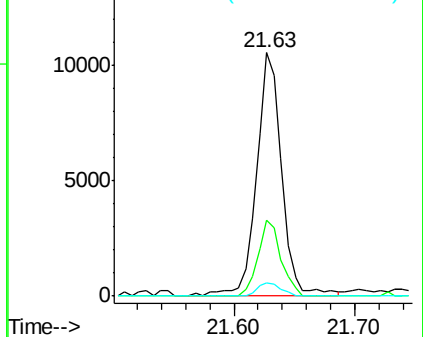
279 5.3 3.4 5.2#

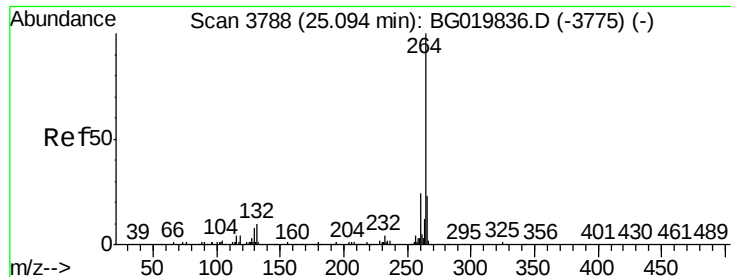


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

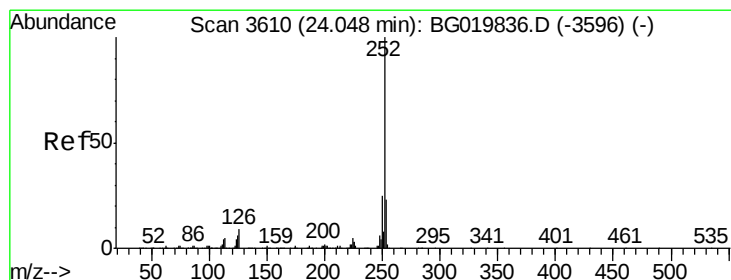
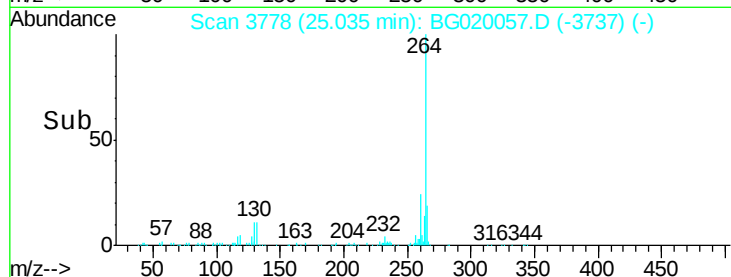
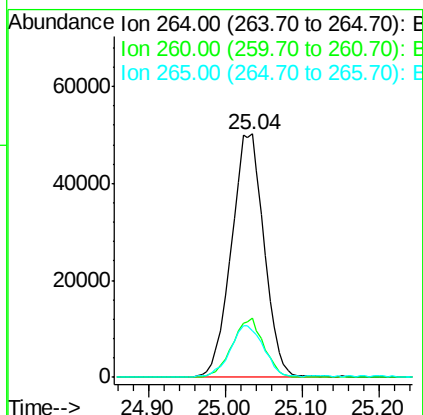
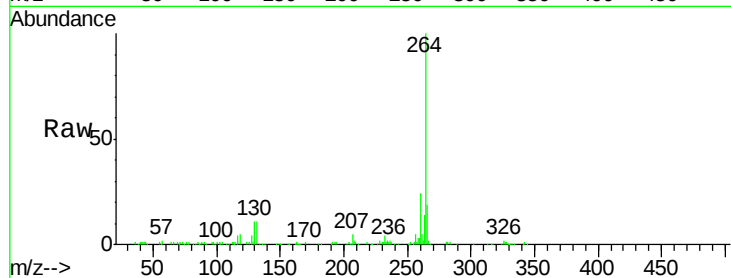




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020057.D
Acq: 9 Dec 2015 23:49

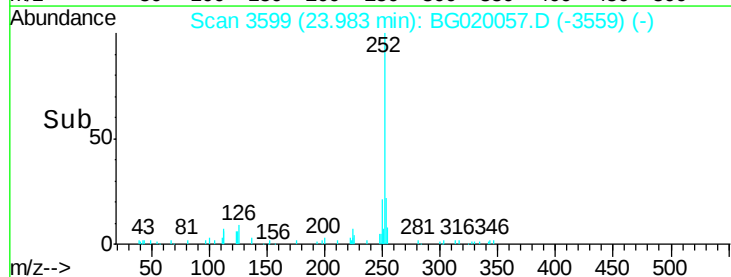
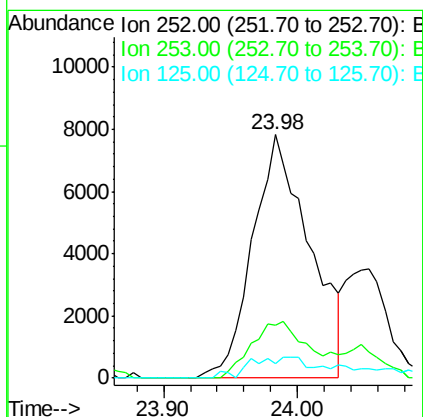
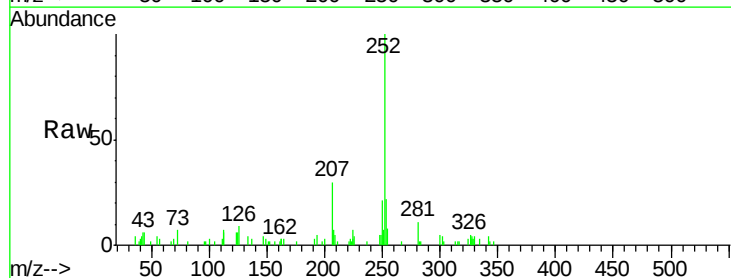
Instrument :
BNA_G
ClientSampleId :
A8-1C

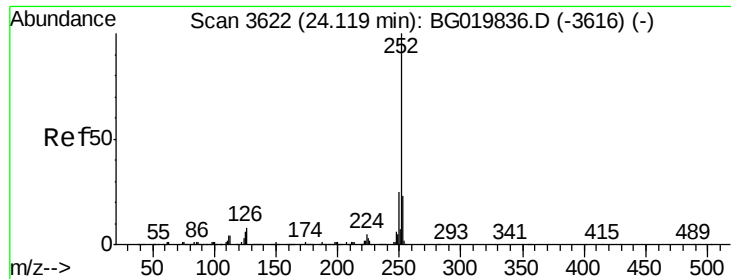
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	19.2	17.2	25.8



#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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.1	28.7
125	5.9	8.9	13.3





#88

Benzo(k)fluoranthene

Concen: 2.47 ng

RT: 23.98 min Scan# 3599

Delta R.T. -0.14 min

Lab File: BG020057.D

Acq: 9 Dec 2015 23:49

Instrument :

BNA_G

ClientSampleId :

A8-1C

Tgt Ion: 252 Resp: 23121

Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.4

125 5.9 8.9 13.3#

