

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG020998.D
 Acq On : 20 Feb 2016 8:03
 Operator : SJ/UM
 Sample : H1520-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40052+15(0-2)

Quant Time: Feb 21 22:50:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

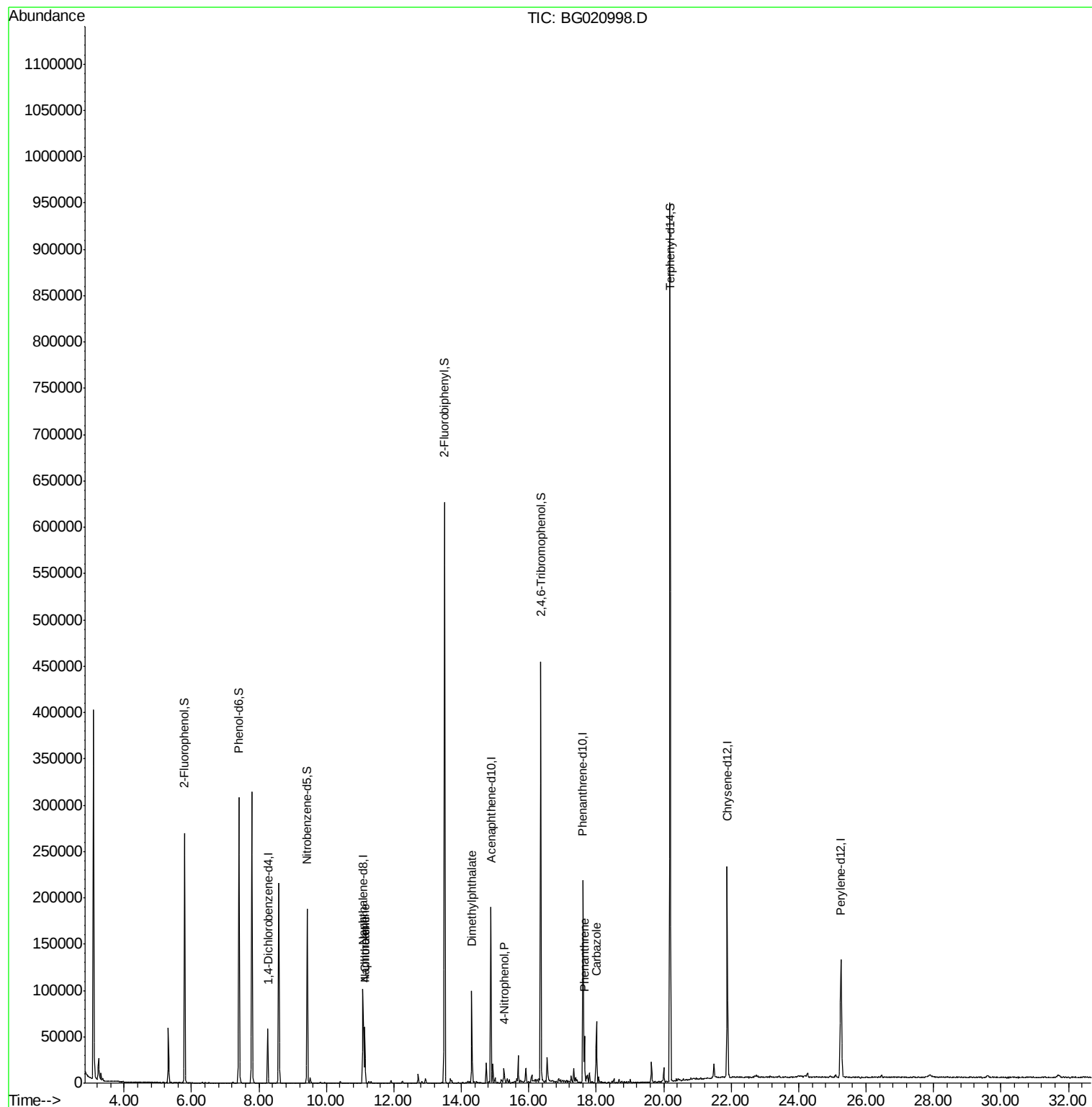
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19174	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	97907	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	65609	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	139395	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	133251	20.00	ng	-0.02
86) Perylene-d12	25.25	264	125641	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	151889	133.40	ng	0.00
7) Phenol-d6	7.41	99	235165	141.31	ng	0.00
23) Nitrobenzene-d5	9.43	82	126631	85.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	91188	141.33	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	335506	71.83	ng	-0.01
78) Terphenyl-d14	20.18	244	412418	72.20	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	11.13	128	59308	11.71	ng	98
33) 4-Chloroaniline	11.14	127	8127	3.73	ng	# 36
49) Dimethylphthalate	14.31	163	72358	14.10	ng	100
55) 4-Nitrophenol	15.26	139	4211	4.36	ng	# 20
70) Phenanthrene	17.65	178	29935	3.77	ng	99
72) Carbazole	18.01	167	45320	6.27	ng	97

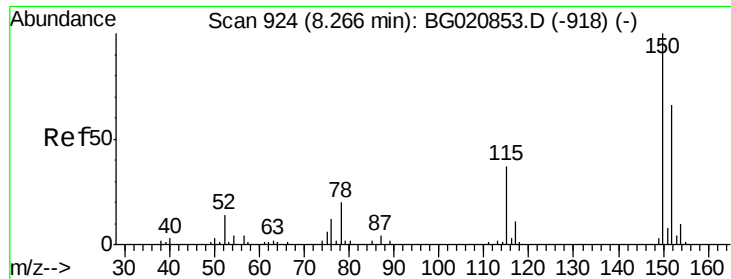
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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40052+15(0-2)

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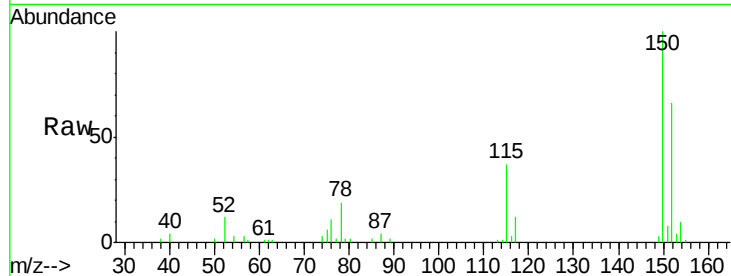




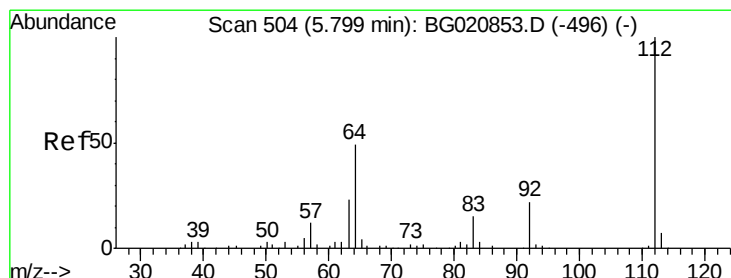
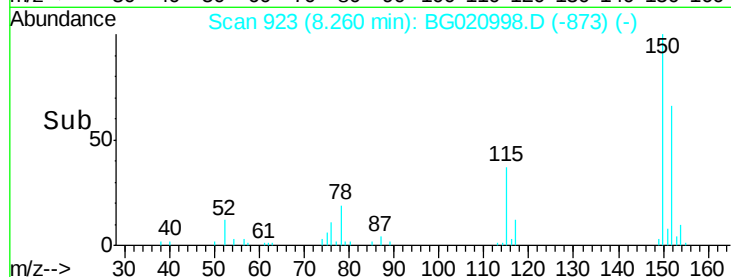
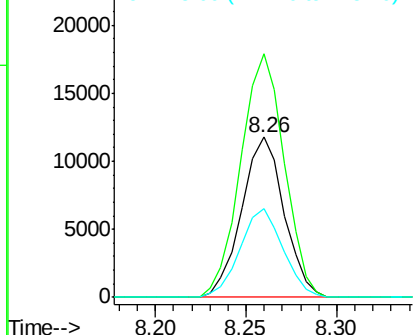
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.26 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG020998.D
 Acq: 20 Feb 2016 8:03

Instrument :
 BNA_G
 ClientSampleId :
 40052+15(0-2)

Tgt Ion:152 Resp: 19174
 Ion Ratio Lower Upper
 152 100
 150 151.9 122.0 183.0
 115 55.5 45.2 67.8

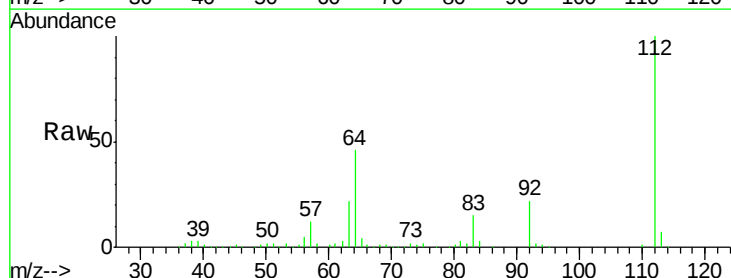


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

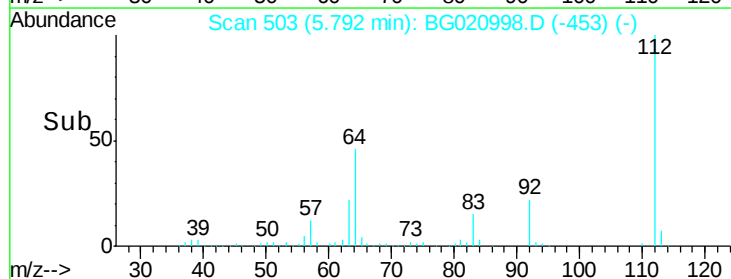
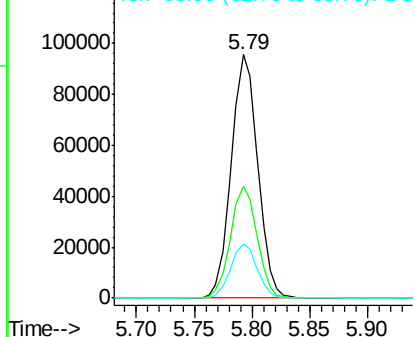


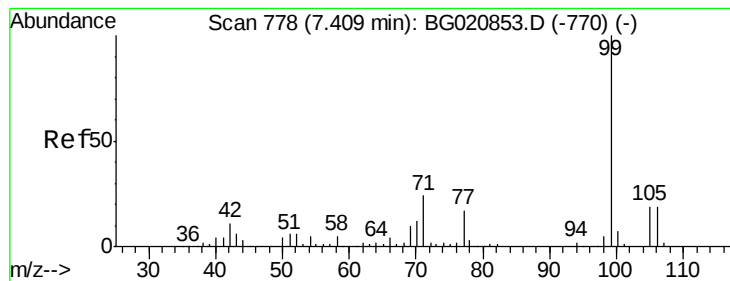
#5
 2-Fluorophenol
 Concen: 133.40 ng
 RT: 5.79 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BG020998.D
 Acq: 20 Feb 2016 8:03

Tgt Ion:112 Resp: 151889
 Ion Ratio Lower Upper
 112 100
 64 46.2 39.3 58.9
 63 22.2 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 141.31 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020998.D

Acq: 20 Feb 2016 8:03

Instrument :

BNA_G

ClientSampleId :

40052+15(0-2)

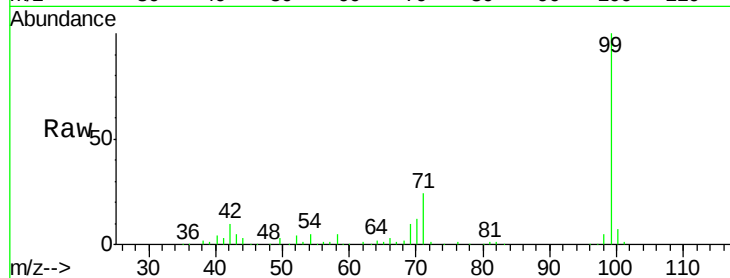
Tgt Ion: 99 Resp: 235165

Ion Ratio Lower Upper

99 100

42 9.8 8.4 12.6

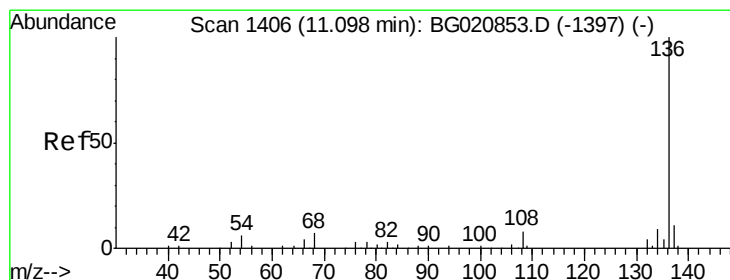
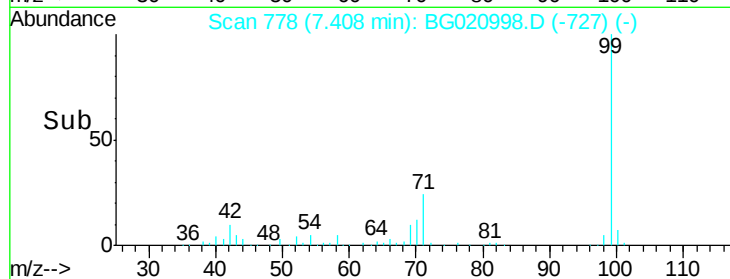
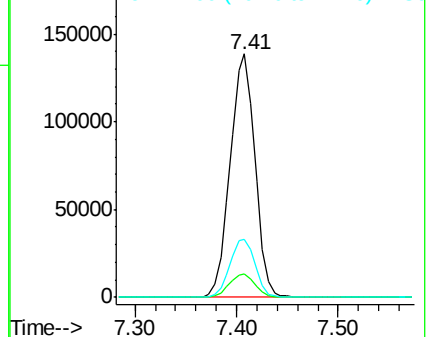
71 23.9 19.4 29.0



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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG020998.D

Acq: 20 Feb 2016 8:03

Tgt Ion: 136 Resp: 97907

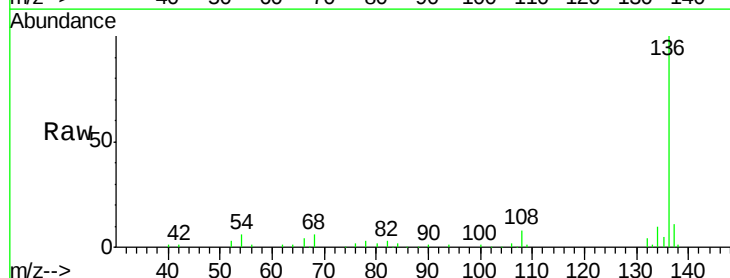
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 6.0 5.0 7.4

68 6.4 5.2 7.8

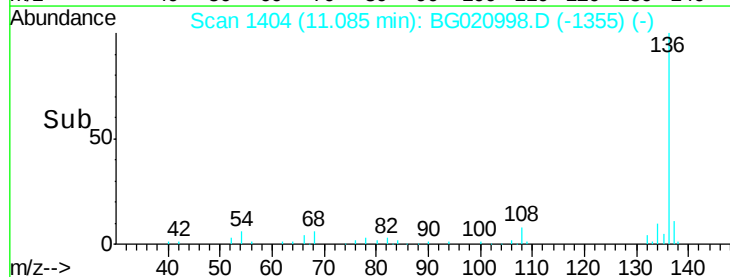
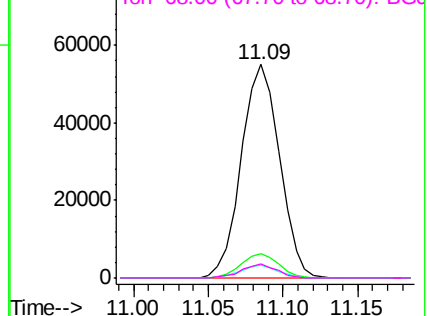


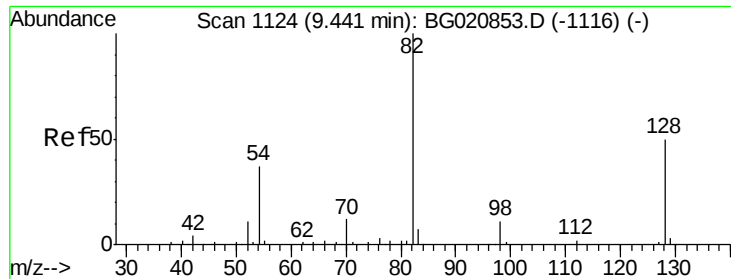
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

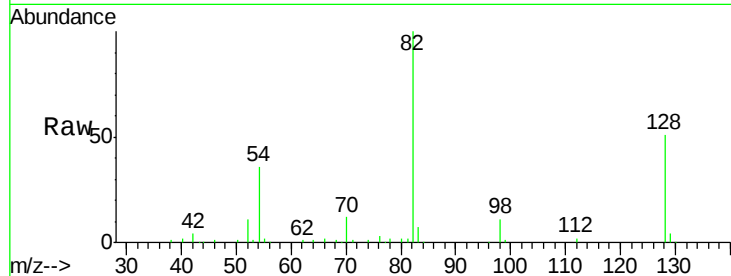




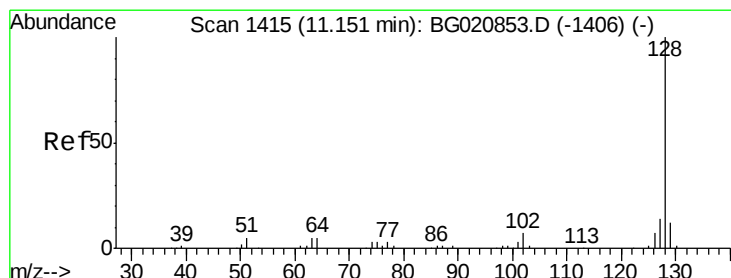
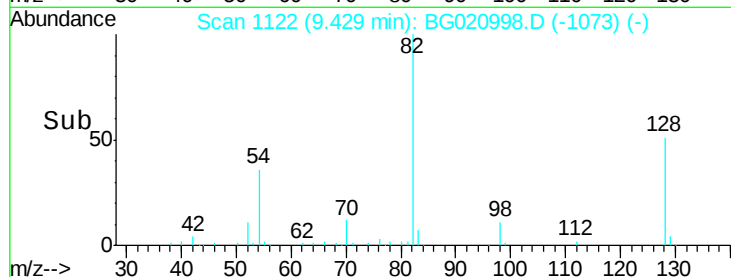
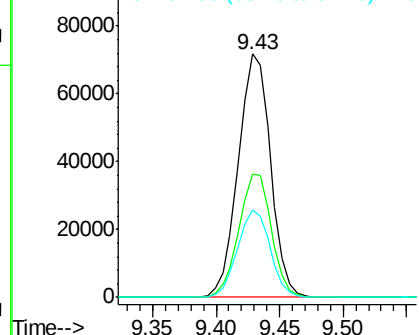
#23
Nitrobenzene-d5
Concen: 85.04 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020998.D
Acq: 20 Feb 2016 8:03

Instrument :
BNA_G
ClientSampleId :
40052+15(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.1	60.1
54	36.1	29.5	44.3

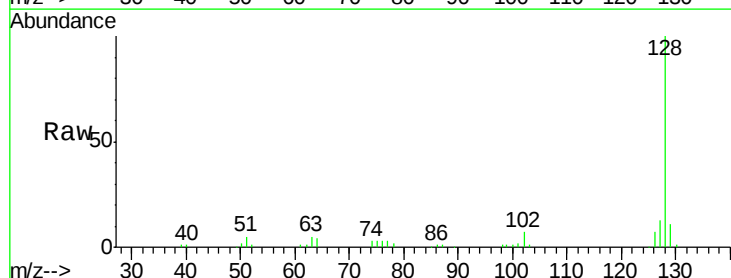


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

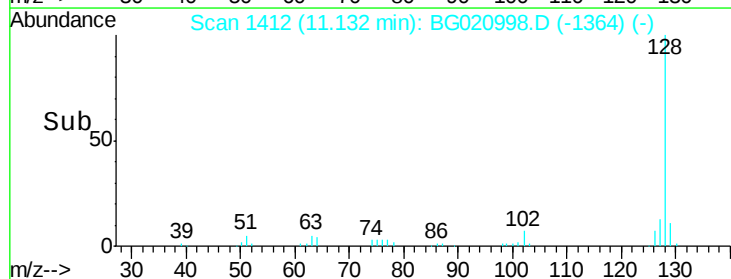
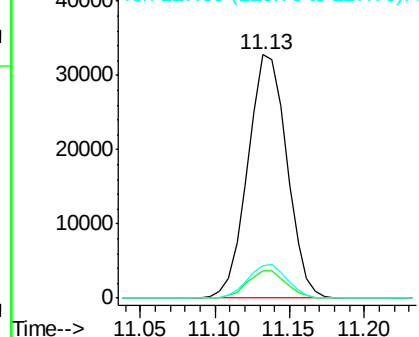


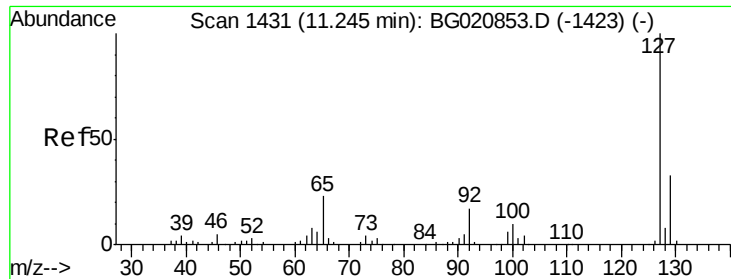
#31
Naphthalene
Concen: 11.71 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG020998.D
Acq: 20 Feb 2016 8:03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.4	11.4	17.2



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

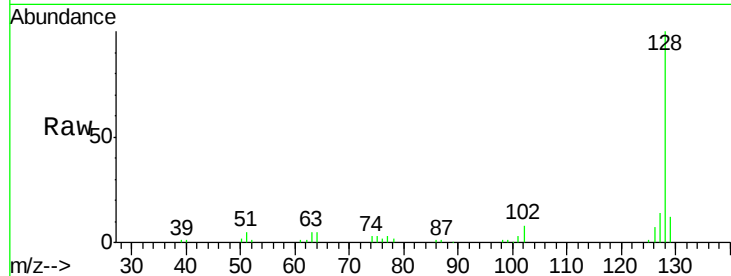




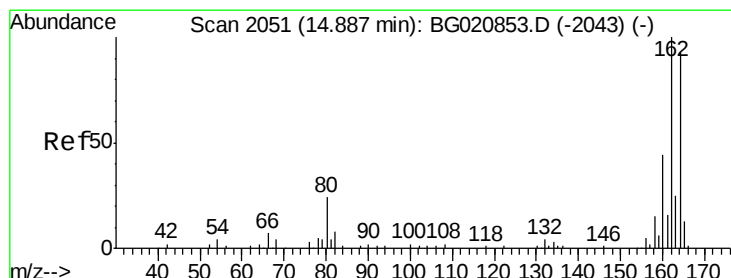
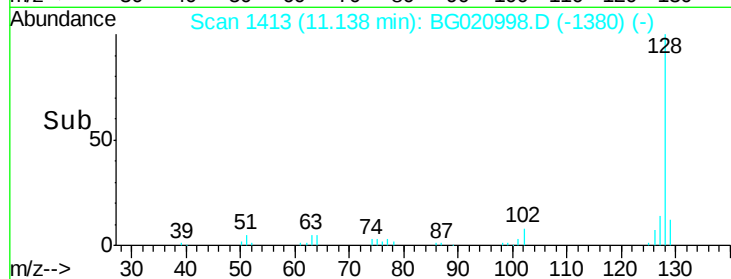
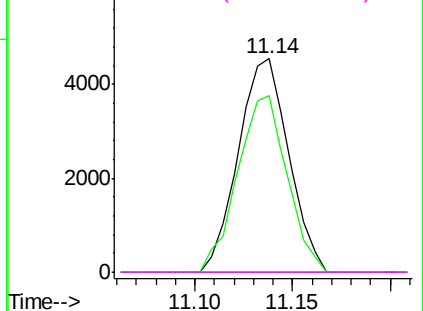
#33
4-Chloroaniline
Concen: 3.73 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.11 min
Lab File: BG020998.D
Acq: 20 Feb 2016 8:03

Instrument :
BNA_G
ClientSampleId :
40052+15(0-2)

Tgt Ion:	127	Resp:	8127
Ion	Ratio	Lower	Upper
127	100		
129	82.6	26.2	39.4#
65	0.0	18.6	27.8#
92	0.0	13.3	19.9#

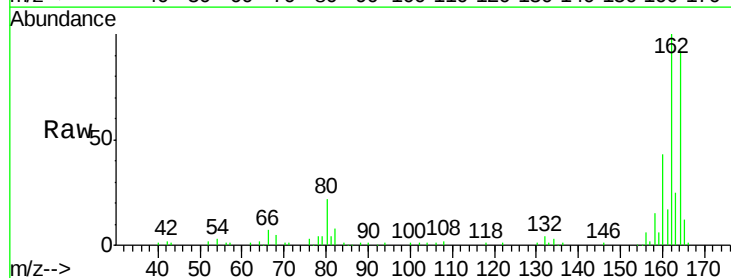


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

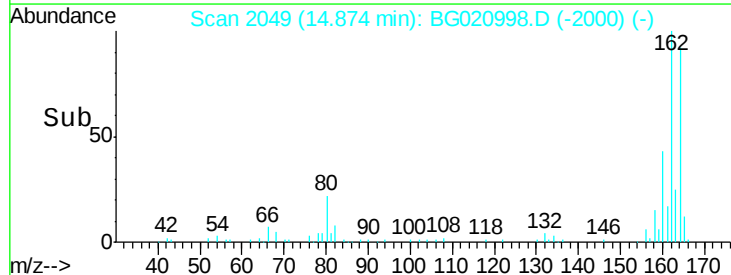
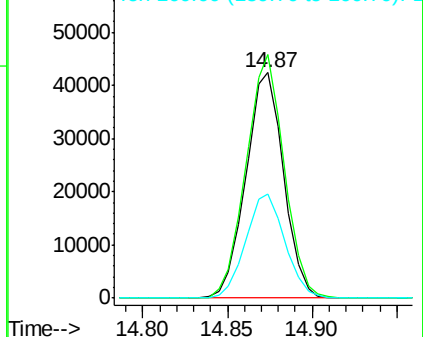


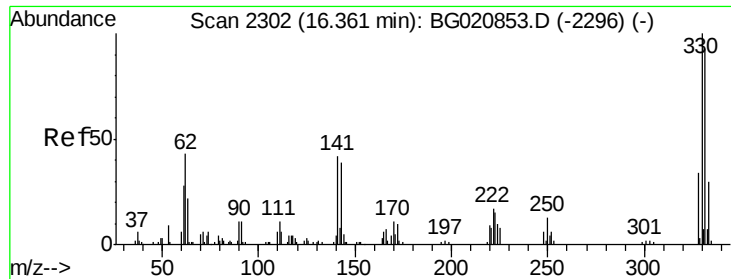
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG020998.D
Acq: 20 Feb 2016 8:03

Tgt Ion:	164	Resp:	65609
Ion	Ratio	Lower	Upper
164	100		
162	108.2	85.7	128.5
160	46.5	37.4	56.0



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

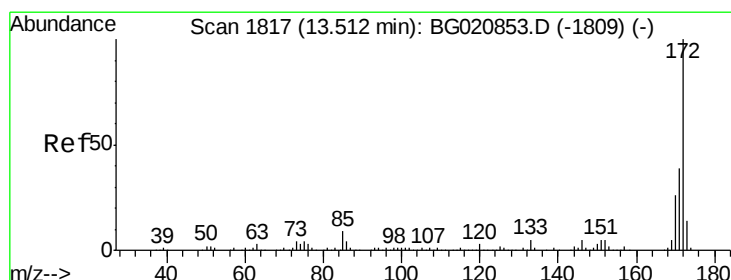
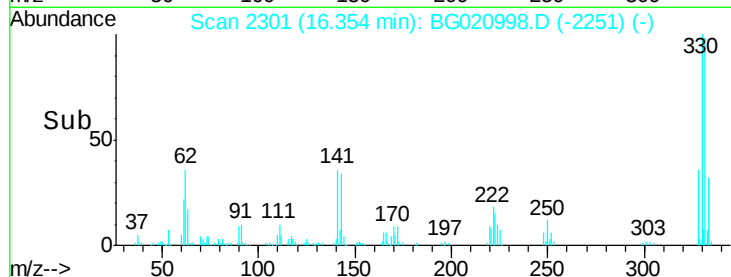
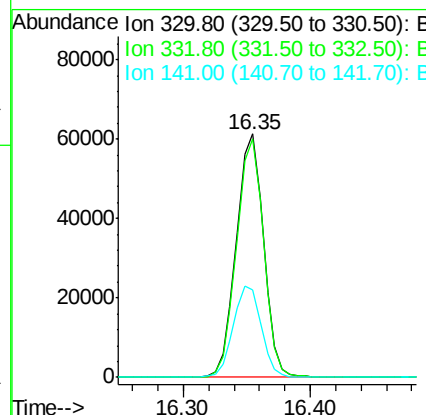
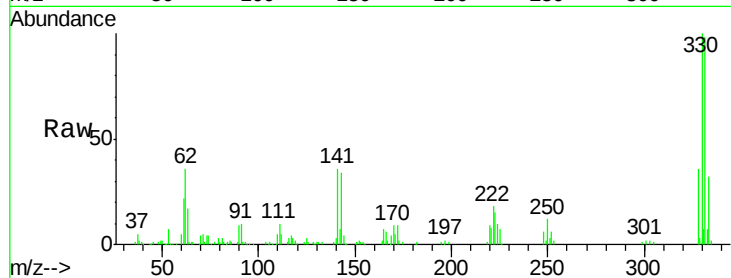




#41
 2,4,6-Tribromophenol
 Concen: 141.33 ng
 RT: 16.35 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG020998.D
 Acq: 20 Feb 2016 8:03

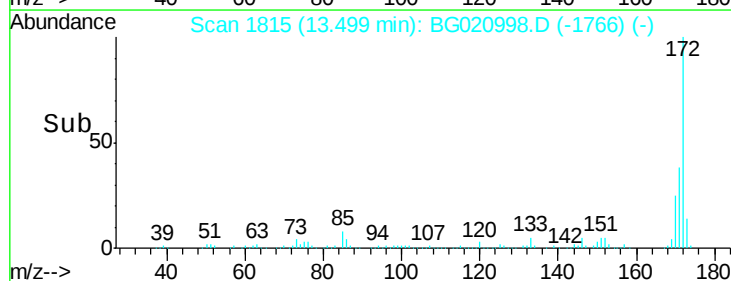
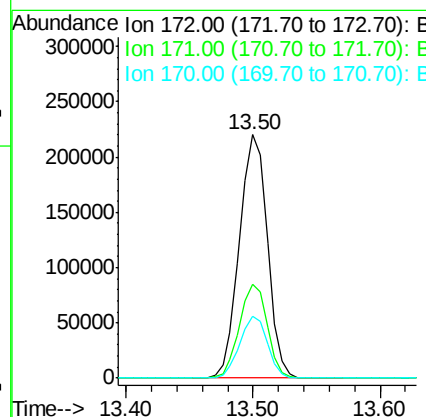
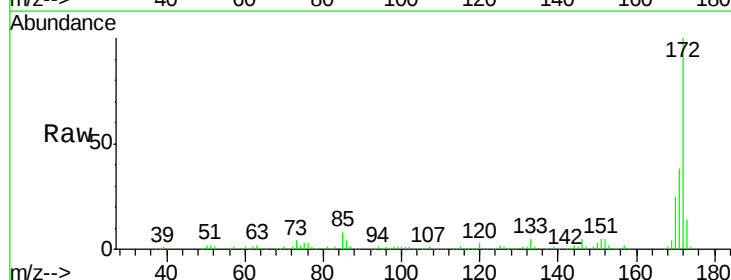
Instrument :
 BNA_G
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 40052+15(0-2)

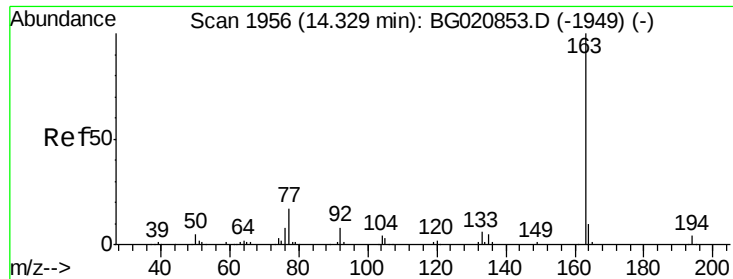
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.1	114.1
141	38.2	32.0	48.0



#44
 2-Fluorobiphenyl
 Concen: 71.83 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020998.D
 Acq: 20 Feb 2016 8:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.2	46.8
170	25.3	20.6	30.8





#49

Dimethylphthalate

Concen: 14.10 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020998.D

Acq: 20 Feb 2016 8:03

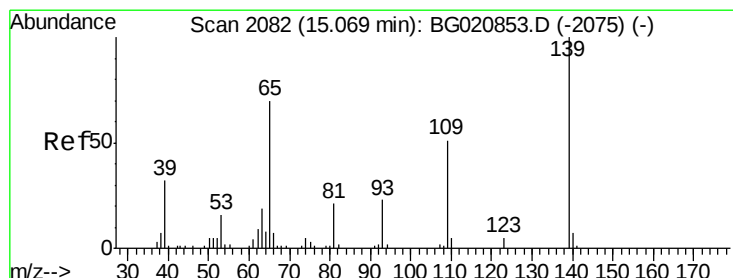
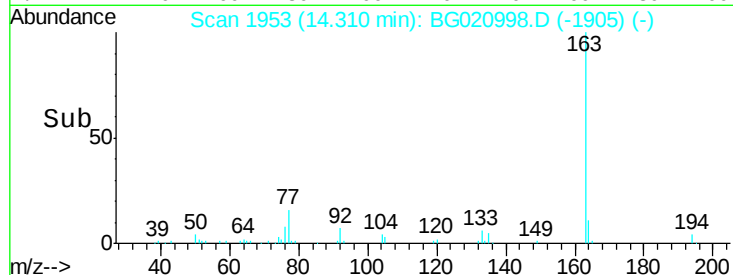
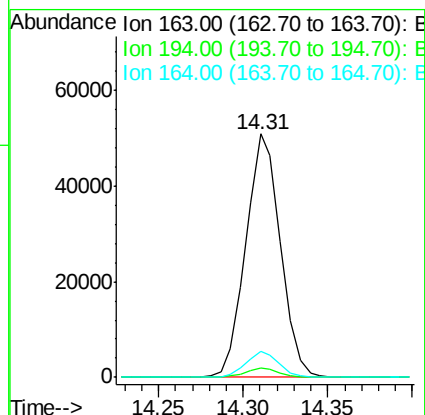
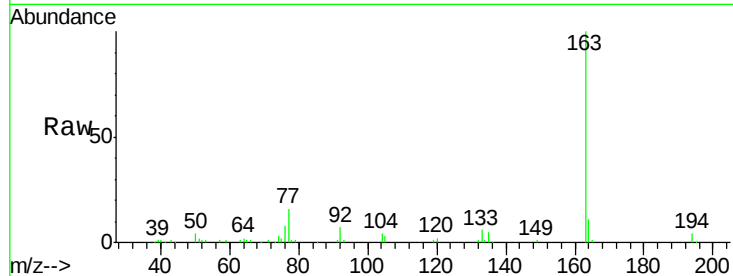
Instrument :

BNA_G

ClientSampleId :

40052+15(0-2)

Tgt Ion:163	Resp:	72358
Ion Ratio	Lower	Upper
163	100	
194	3.6	3.1 4.7
164	10.5	8.3 12.5



#55

4-Nitrophenol

Concen: 4.36 ng

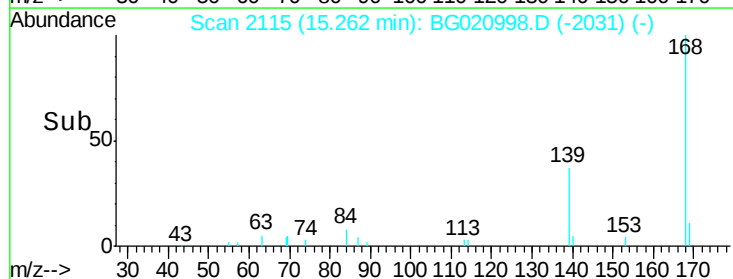
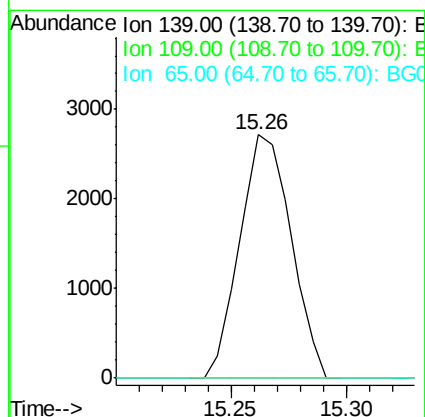
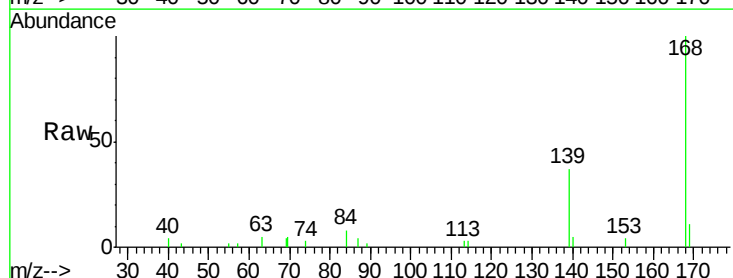
RT: 15.26 min Scan# 2115

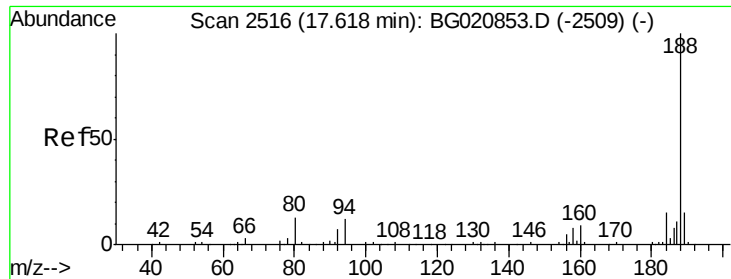
Delta R.T. 0.19 min

Lab File: BG020998.D

Acq: 20 Feb 2016 8:03

Tgt Ion:139	Resp:	4211
Ion Ratio	Lower	Upper
139	100	
109	0.0	31.0 71.0#
65	0.0	49.6 89.6#

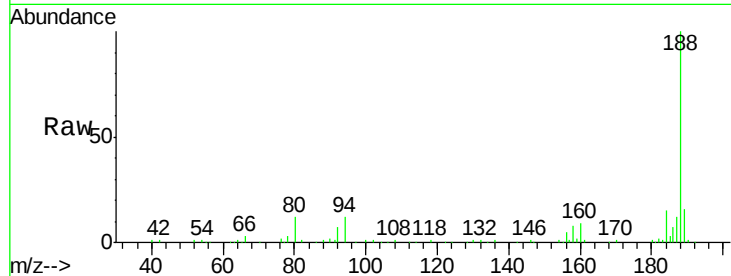




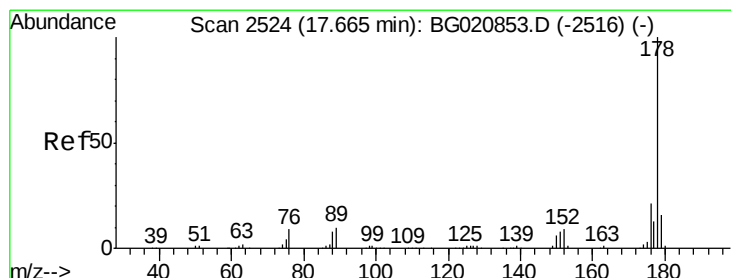
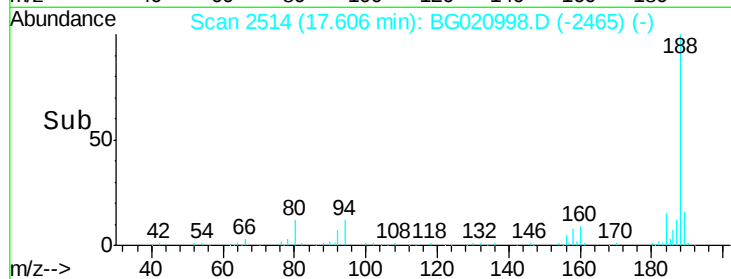
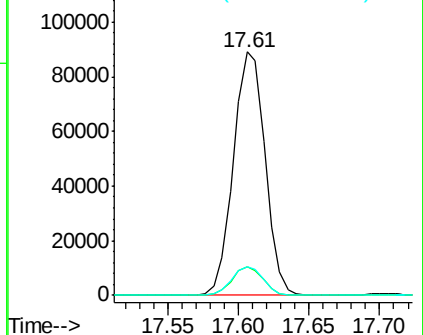
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020998.D
Acq: 20 Feb 2016 8:03

Instrument :
BNA_G
ClientSampleId :
40052+15(0-2)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.0
80	11.9	10.2	15.4

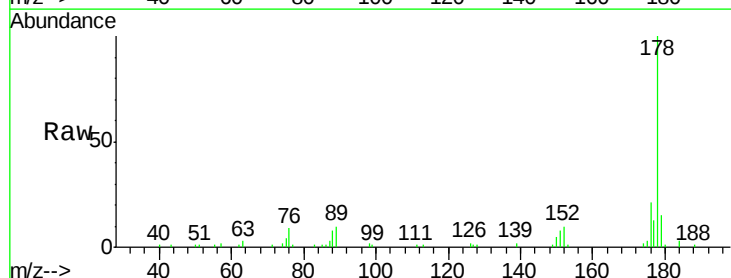


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

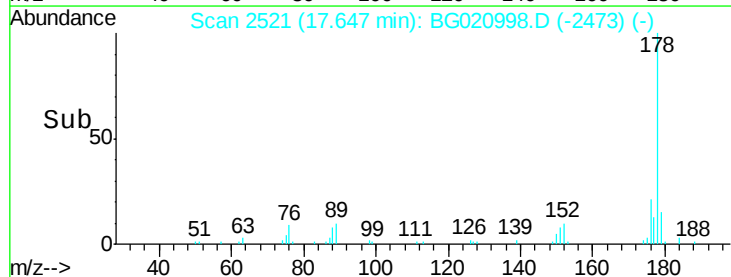
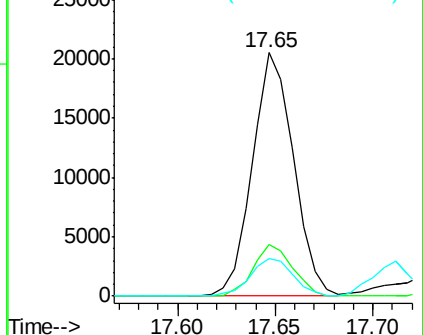


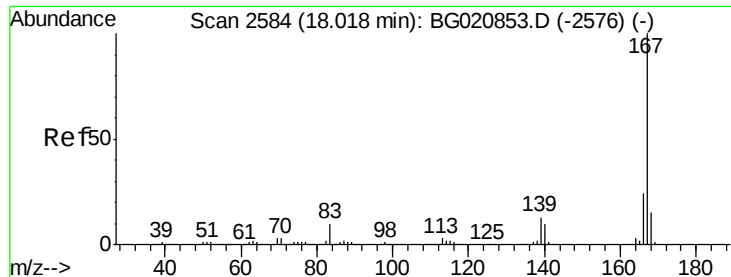
#70
Phenanthrene
Concen: 3.77 ng
RT: 17.65 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BG020998.D
Acq: 20 Feb 2016 8:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.8	25.2
179	15.3	12.6	19.0



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





#72

Carbazole

Concen: 6.27 ng

RT: 18.01 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BG020998.D

Acq: 20 Feb 2016 8:03

Instrument :

BNA_G

ClientSampleId :

40052+15(0-2)

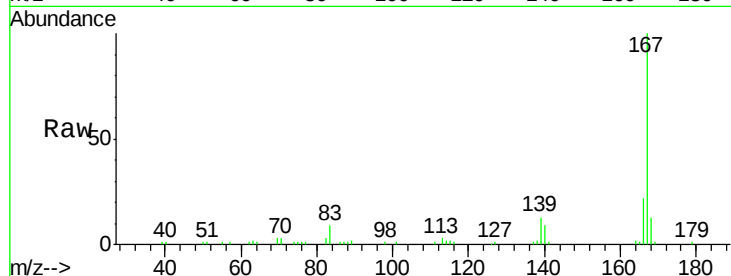
Tgt Ion:167 Resp: 45320

Ion Ratio Lower Upper

167 100

166 22.4 19.3 28.9

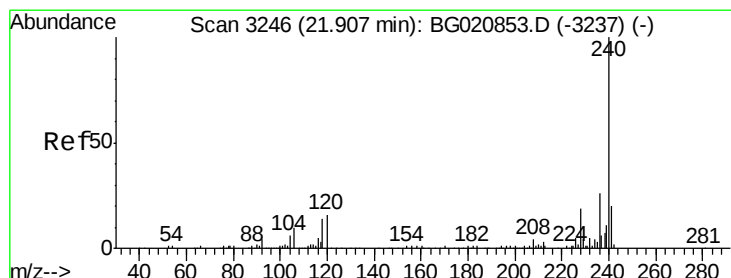
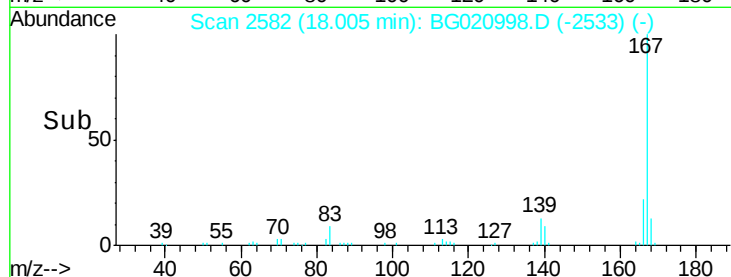
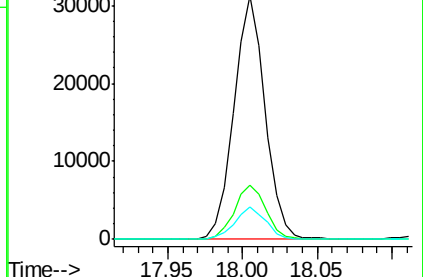
139 13.3 10.2 15.4



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020998.D

Acq: 20 Feb 2016 8:03

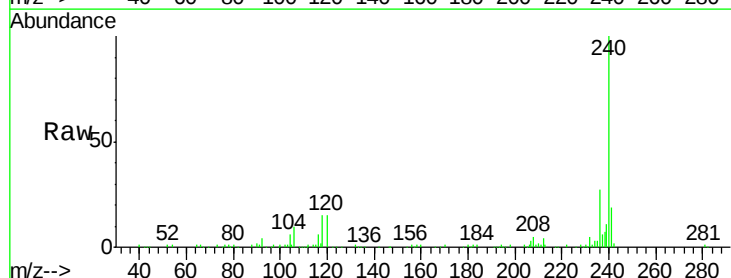
Tgt Ion:240 Resp: 133251

Ion Ratio Lower Upper

240 100

120 14.8 13.0 19.4

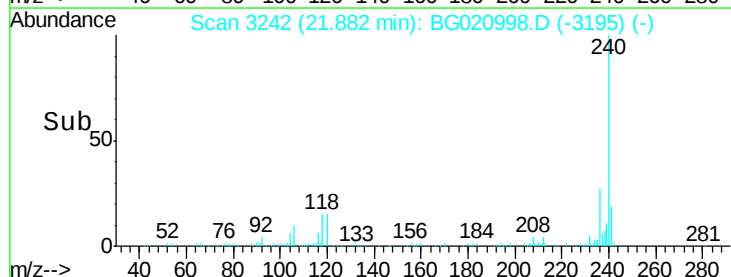
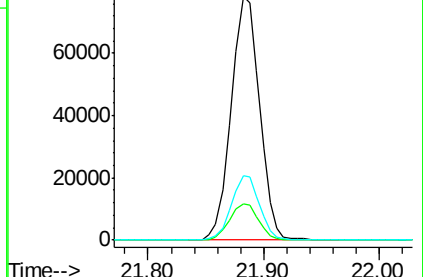
236 26.7 21.0 31.4

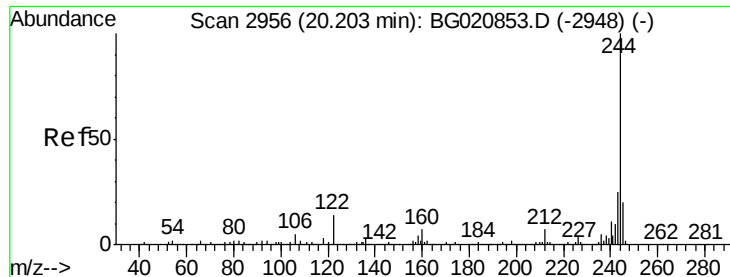


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.20 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020998.D

Acq: 20 Feb 2016 8:03

Instrument :

BNA_G

ClientSampleId :

40052+15(0-2)

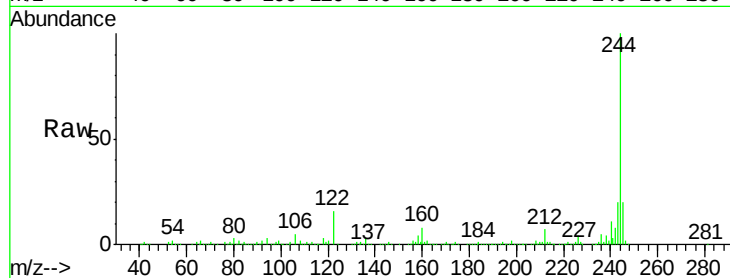
Tgt Ion:244 Resp: 412418

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

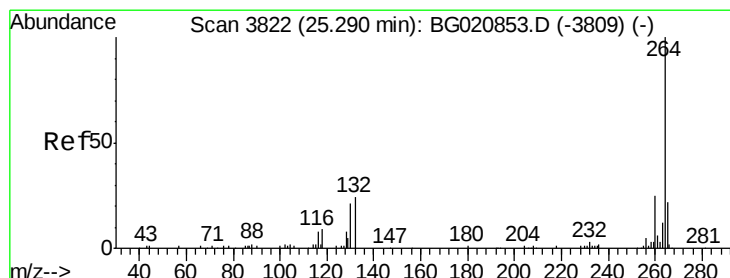
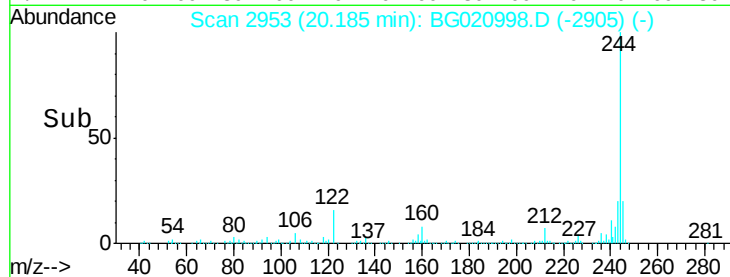
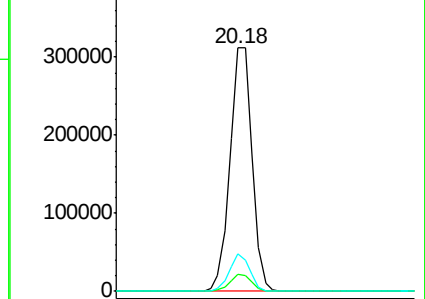
122 15.6 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3816

Delta R.T. -0.04 min

Lab File: BG020998.D

Acq: 20 Feb 2016 8:03

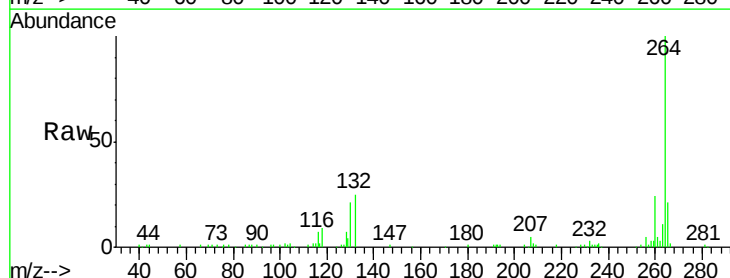
Tgt Ion:264 Resp: 125641

Ion Ratio Lower Upper

264 100

260 23.9 19.9 29.9

265 21.1 18.0 27.0



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

