

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016740.D
 Acq On : 27 Apr 2015 19:01
 Operator : TP/IZ
 Sample : G1925-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-14(9.5-10)

Quant Time: Apr 28 01:37:54 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 00:54:32 2015
 Response via : Initial Calibration

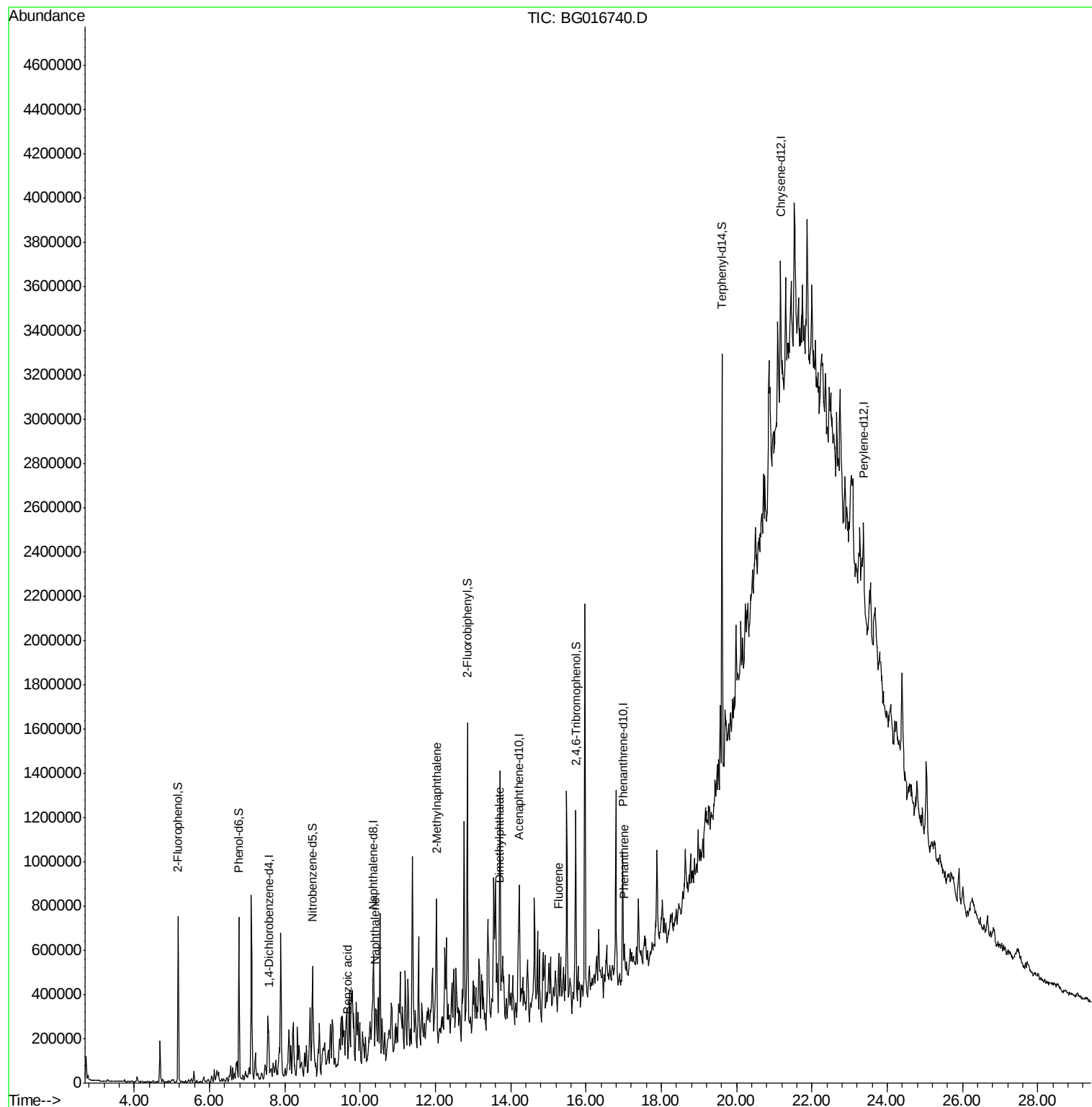
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	56467	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	247566	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	150194	20.00	ng	0.00
63) Phenanthrene-d10	16.98	188	278709	20.00	ng	0.00
75) Chrysene-d12	21.17	240	209351	20.00	ng	0.00
86) Perylene-d12	23.37	264	200205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	375254	107.84	ng	0.00
7) Phenol-d6	6.78	99	506294	103.71	ng	0.00
23) Nitrobenzene-d5	8.73	82	270239	68.97	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	126135	113.20	ng	0.00
44) 2-Fluorobiphenyl	12.85	172	697459	74.61	ng	0.00
78) Terphenyl-d14	19.61	244	725028	79.78	ng	0.00
Target Compounds						
31) Naphthalene	10.41	128	51268	3.93	ng	Qvalue # 85
32) Benzoic acid	9.67	122	12520	13.58	ng	92
37) 2-Methylnaphthalene	12.03	142	306497	32.51	ng	100
49) Dimethylphthalate	13.69	163	80846	7.20	ng	98
57) Fluorene	15.28	166	30814	2.62	ng	# 86
70) Phenanthrene	17.02	178	82194	5.13	ng	# 94

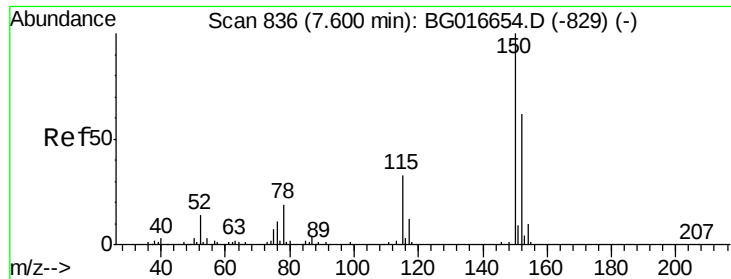
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. -0.00 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

Instrument :

BNA_G

ClientSampleId :

AS-14(9.5-10)

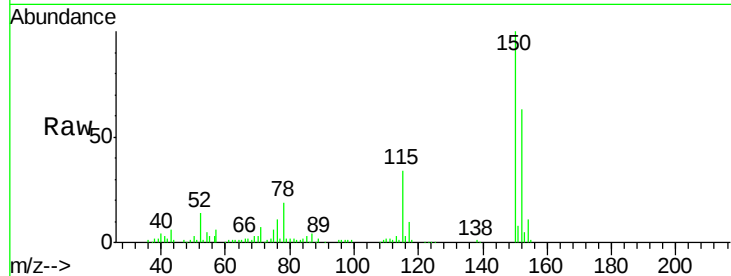
Tot Ion:152 Resp: 56467

Ion Ratio Lower Upper

152 100

150 158.4 129.6 194.4

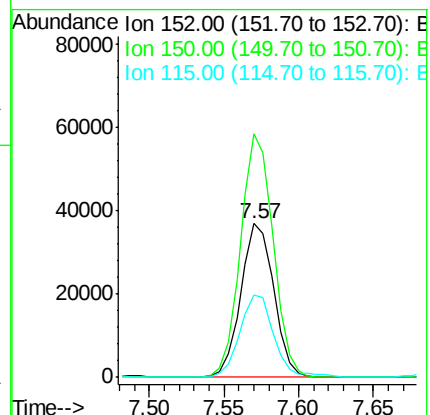
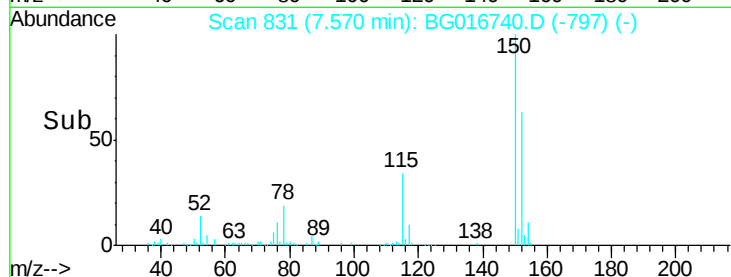
115 53.8 43.0 64.6



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: 107.84 ng

RT: 5.17 min Scan# 422

Delta R.T. -0.00 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

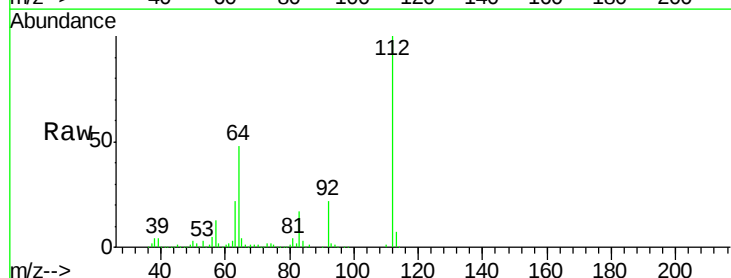
Tgt Ion:112 Resp: 375254

Ion Ratio Lower Upper

112 100

64 47.6 38.3 57.5

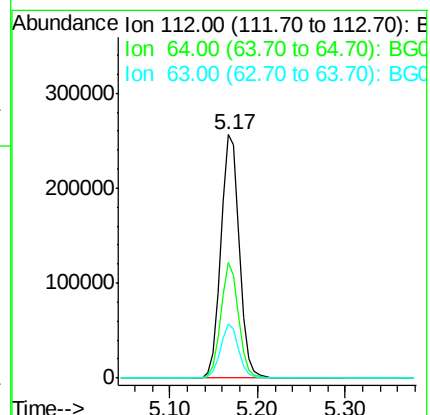
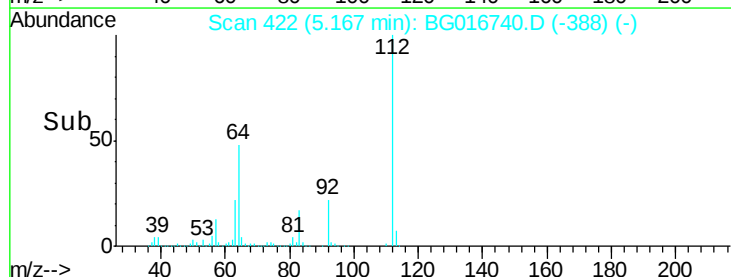
63 22.3 18.9 28.3

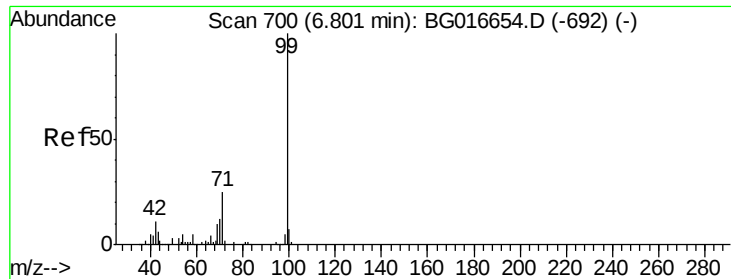


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.71 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

Instrument :

BNA_G

ClientSampleId :

AS-14(9.5-10)

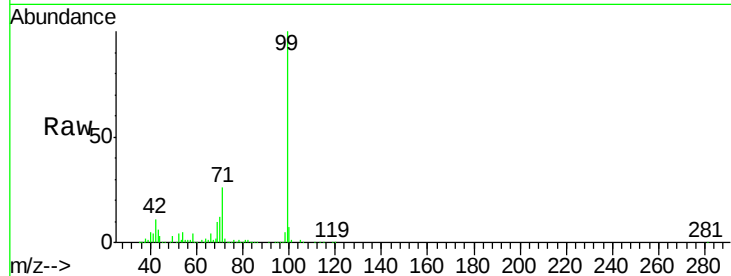
Tot Ion: 99 Resp: 506294

Ion Ratio Lower Upper

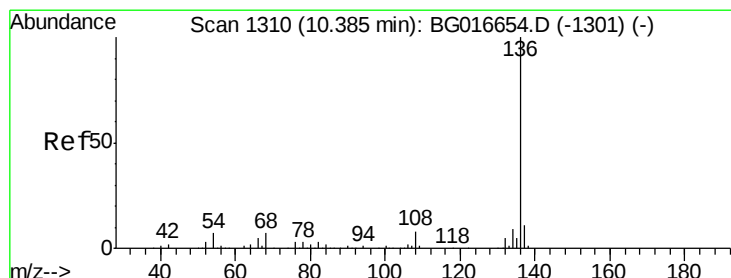
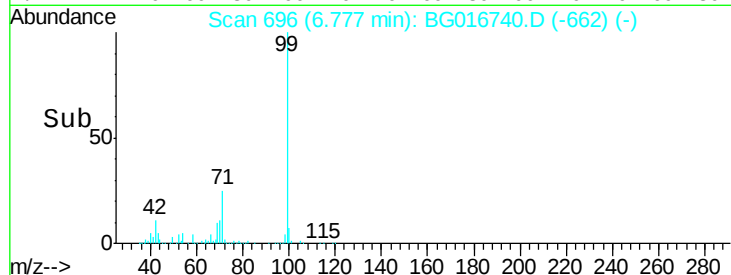
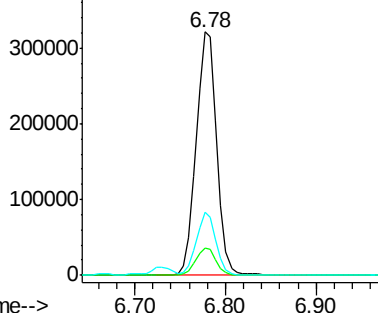
99 100

42 11.2 8.8 13.2

71 25.9 19.9 29.9



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: 10.36 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

Tgt Ion: 136 Resp: 247566

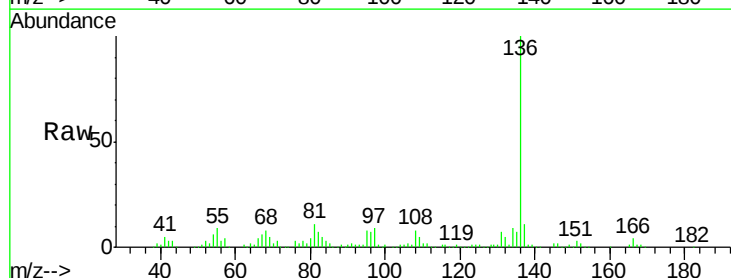
Ion Ratio Lower Upper

136 100

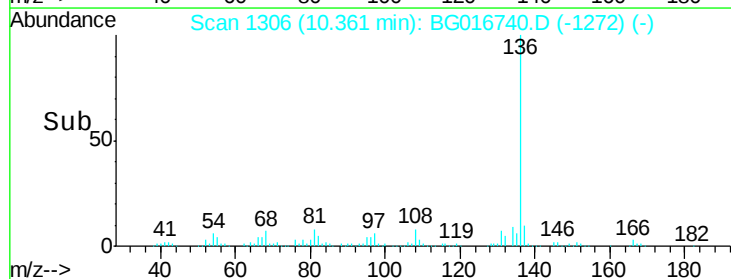
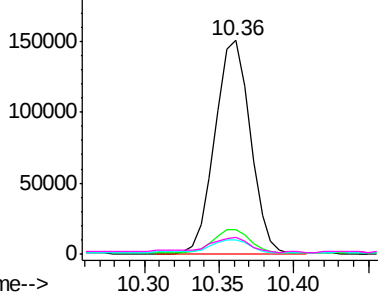
137 11.3 8.5 12.7

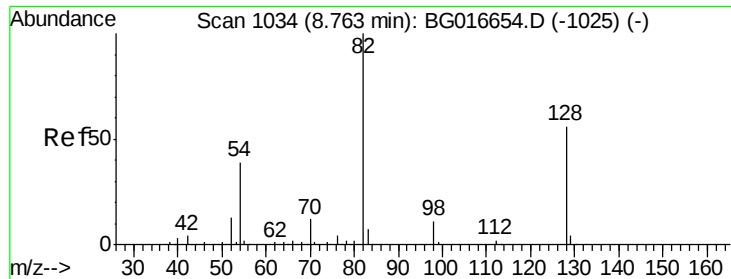
54 6.5 5.4 8.2

68 7.6 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

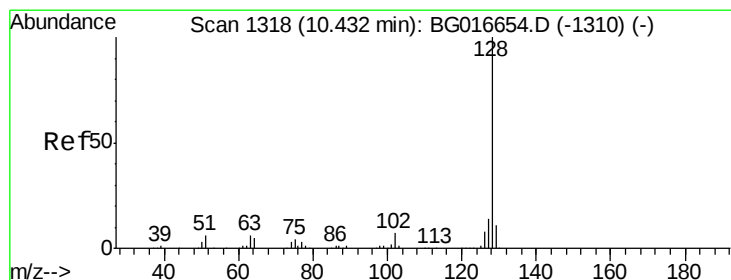
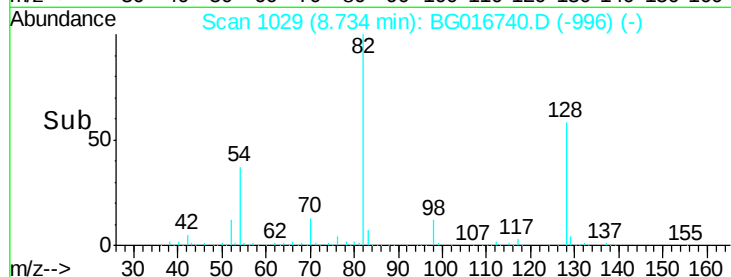
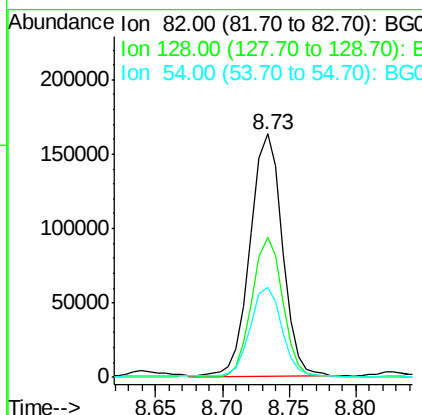
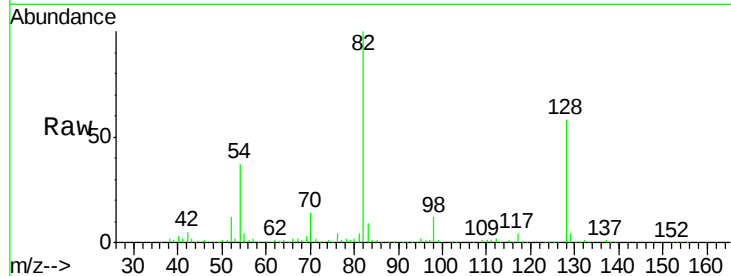




#23
 Nitrobenzene-d5
 Concen: 68.97 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG016740.D
 Acq: 27 Apr 2015 19:01

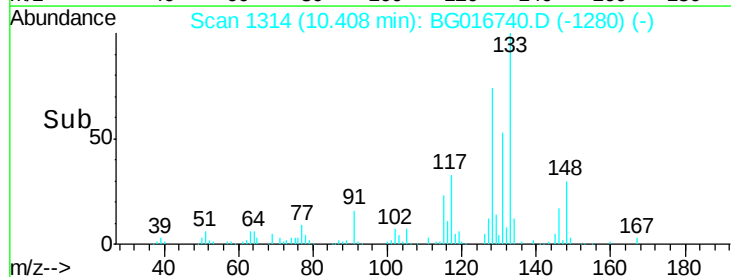
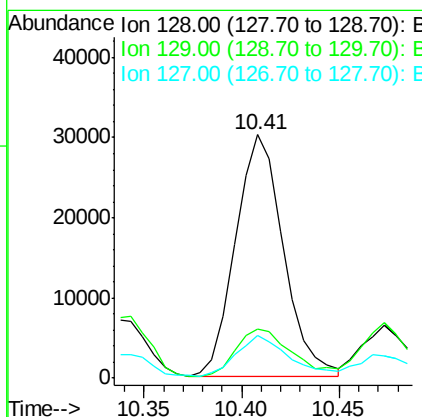
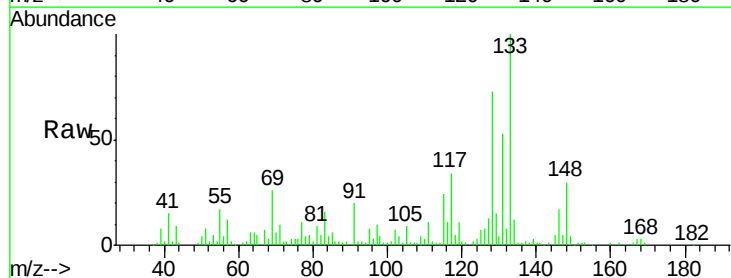
Instrument :
 BNA_G
 ClientSampleId :
 AS-14(9.5-10)

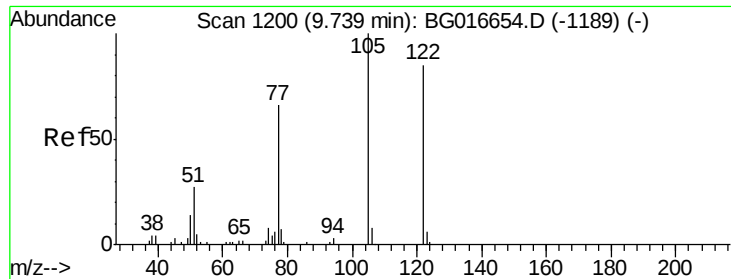
Tot Ion	82	Resp	270239
Ion Ratio	Lower	Upper	
82	100		
128	57.7	44.7	67.1
54	37.1	30.9	46.3



#31
 Naphthalene
 Concen: 3.93 ng
 RT: 10.41 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BG016740.D
 Acq: 27 Apr 2015 19:01

Tgt Ion	128	Resp	51268
Ion Ratio	Lower	Upper	
128	100		
129	20.1	9.0	13.6#
127	17.3	11.1	16.7#

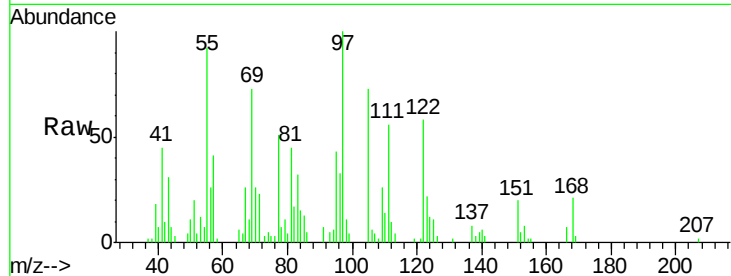




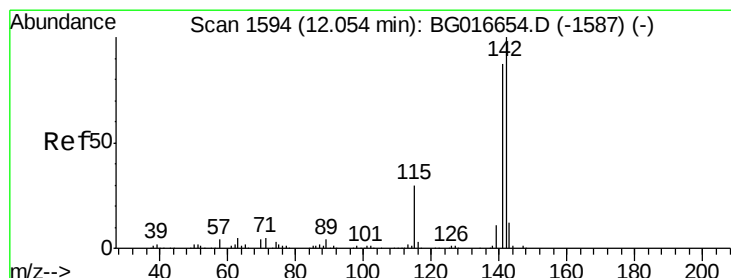
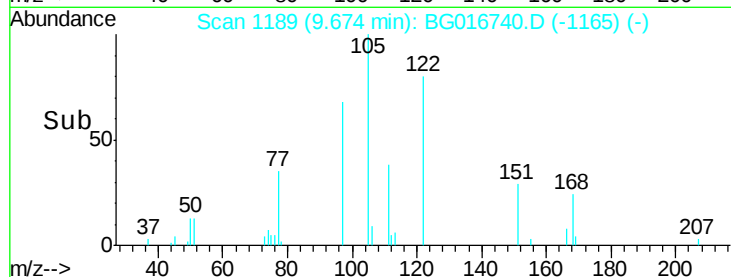
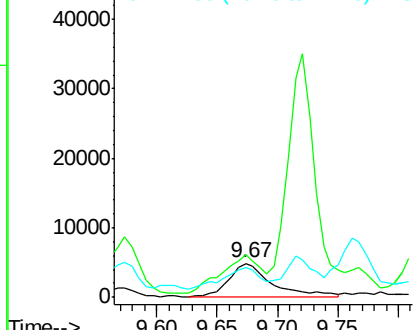
#32
Benzoic acid
Concen: 13.58 ng
RT: 9.67 min Scan# 1189
Delta R.T. -0.06 min
Lab File: BG016740.D
Acq: 27 Apr 2015 19:01

Instrument :
BNA_G
ClientSampleId :
AS-14(9.5-10)

Tot Ion:122 Resp: 12520
Ion Ratio Lower Upper
122 100
105 124.7 97.2 137.2
77 87.0 58.4 98.4

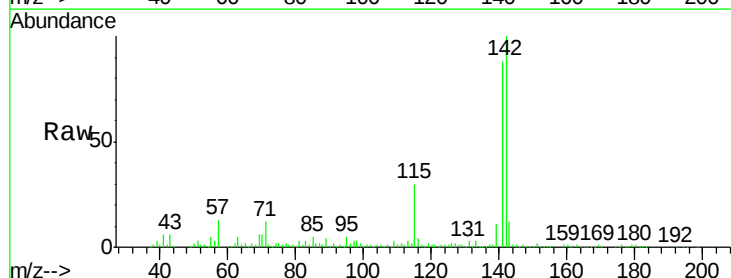


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

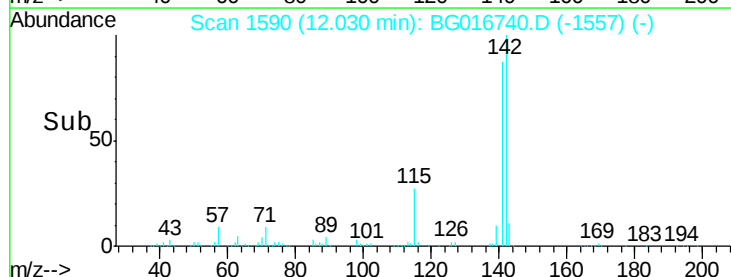
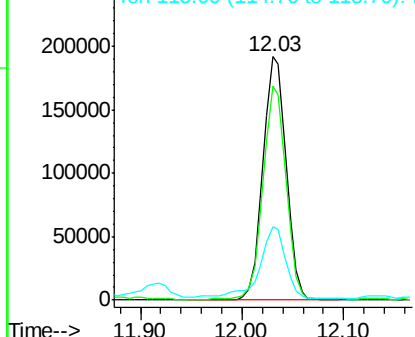


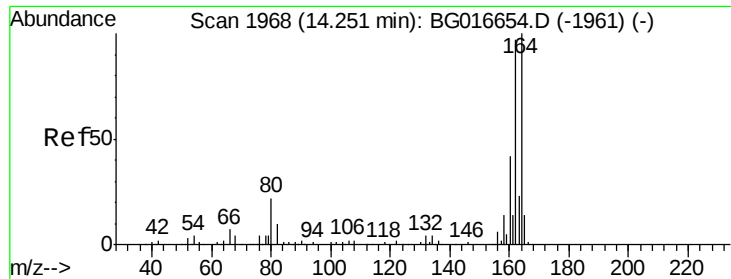
#37
2-Methylnaphthalene
Concen: 32.51 ng
RT: 12.03 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG016740.D
Acq: 27 Apr 2015 19:01

Tgt Ion:142 Resp: 306497
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9
115 30.0 24.0 36.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

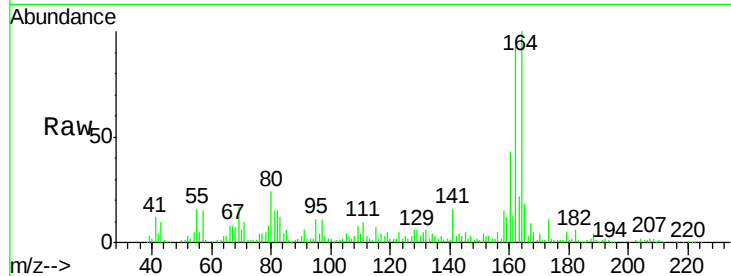




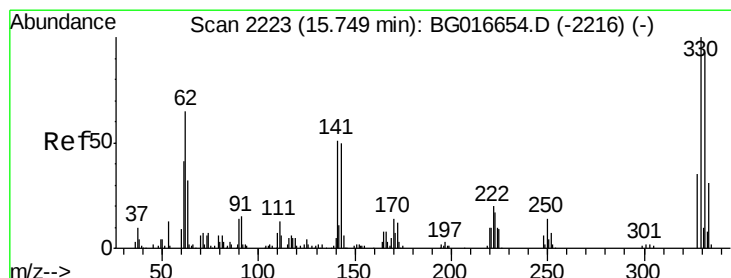
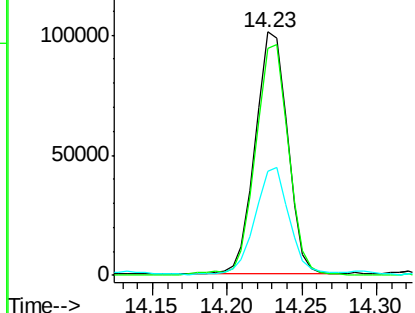
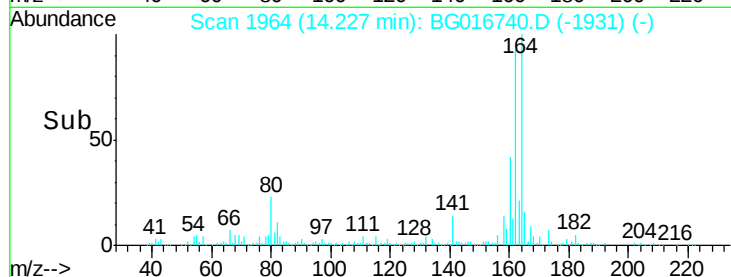
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.23 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG016740.D
Acq: 27 Apr 2015 19:01

Instrument :
BNA_G
ClientSampleId :
AS-14(9.5-10)

Tot Ion:164 Resp: 150194
Ion Ratio Lower Upper
164 100
162 93.1 77.3 115.9
160 42.8 33.7 50.5

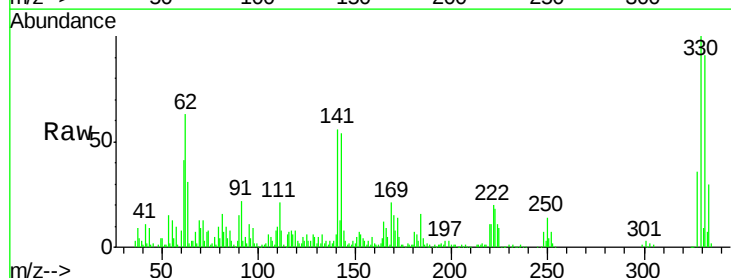


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

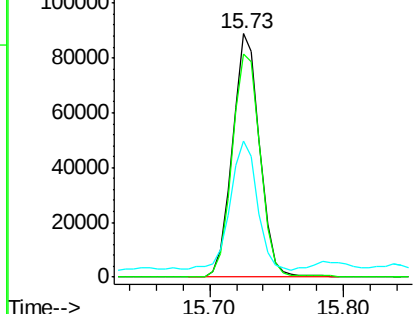
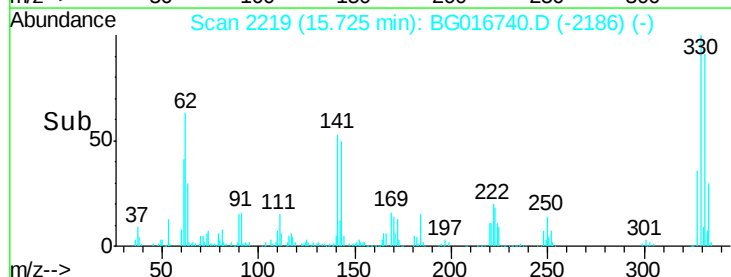


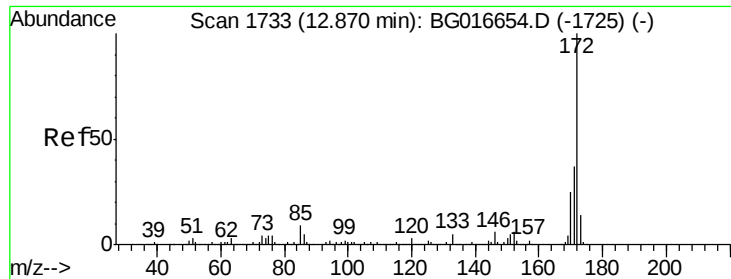
#41
2,4,6-Tribromophenol
Concen: 113.20 ng
RT: 15.73 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG016740.D
Acq: 27 Apr 2015 19:01

Tgt Ion:330 Resp: 126135
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 52.4 43.0 64.6



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

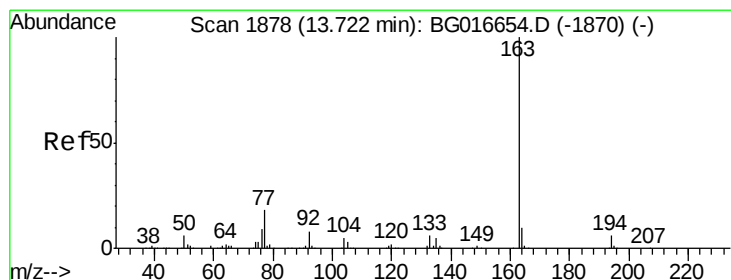
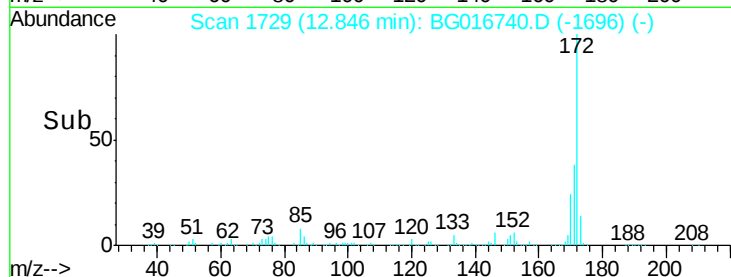
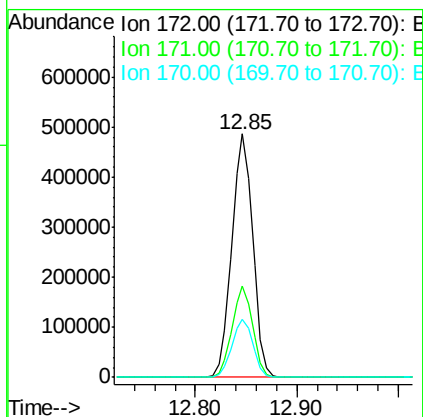
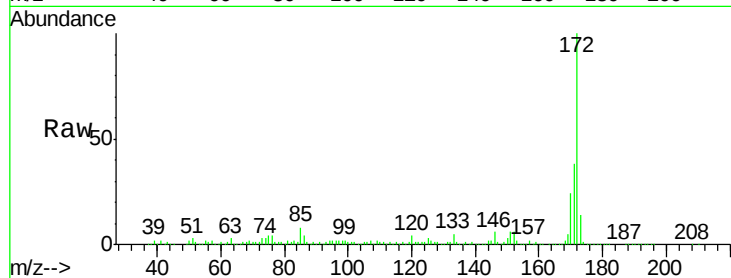




#44
2-Fluorobiphenyl
Concen: 74.61 ng
RT: 12.85 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BG016740.D
Acq: 27 Apr 2015 19:01

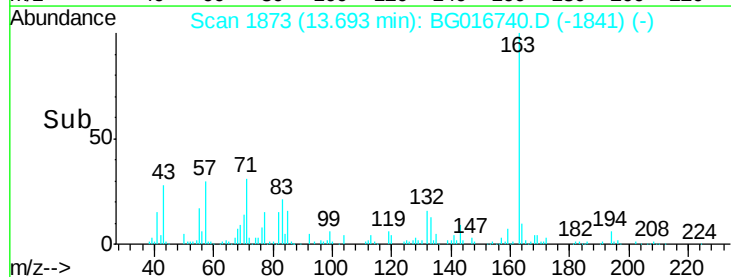
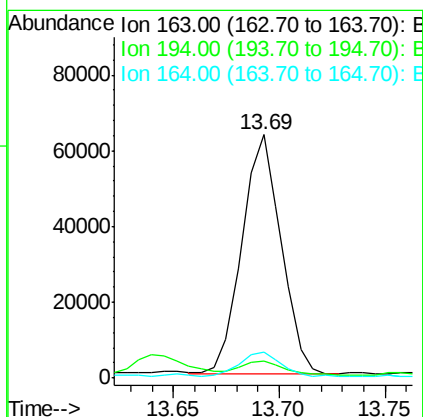
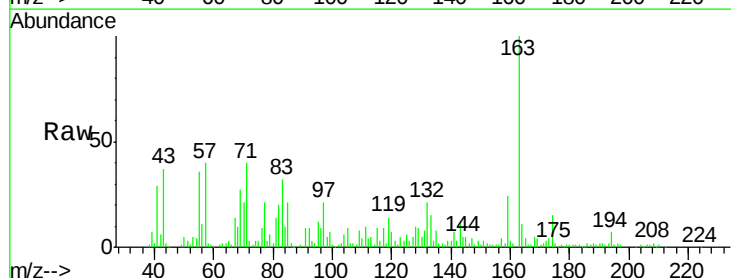
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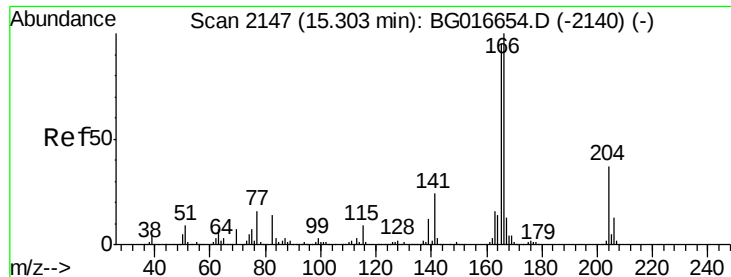
Tot Ion:172 Resp: 697459
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 7.20 ng
RT: 13.69 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG016740.D
Acq: 27 Apr 2015 19:01

Tgt Ion:163 Resp: 80846
Ion Ratio Lower Upper
163 100
194 7.0 5.0 7.4
164 10.6 7.8 11.8





#57

Fluorene

Concen: 2.62 ng

RT: 15.28 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

Instrument :

BNA_G

ClientSampleId :

AS-14(9.5-10)

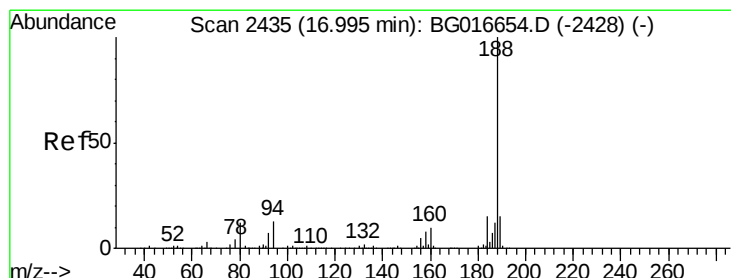
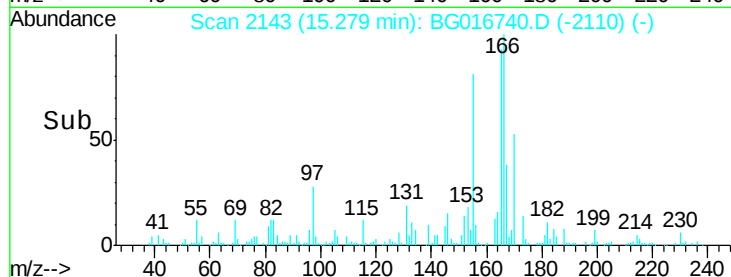
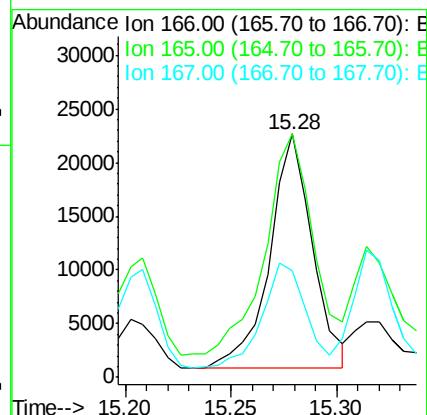
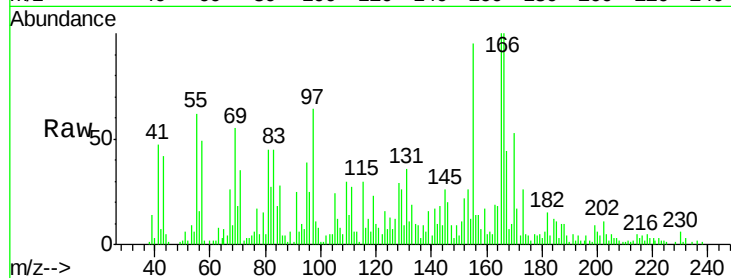
Tot Ion:166 Resp: 30814

Ion Ratio Lower Upper

166 100

165 99.9 75.6 113.4

167 44.0 10.7 16.1#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.98 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

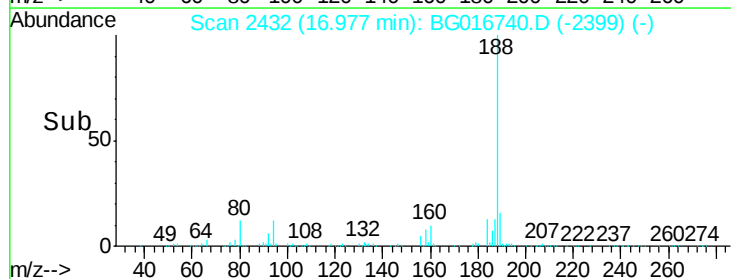
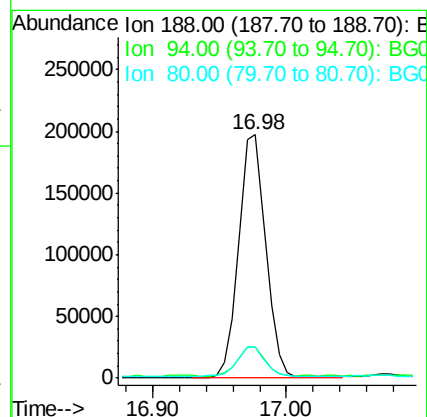
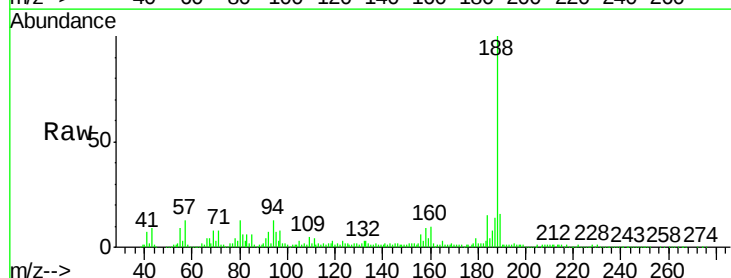
Tgt Ion:188 Resp: 278709

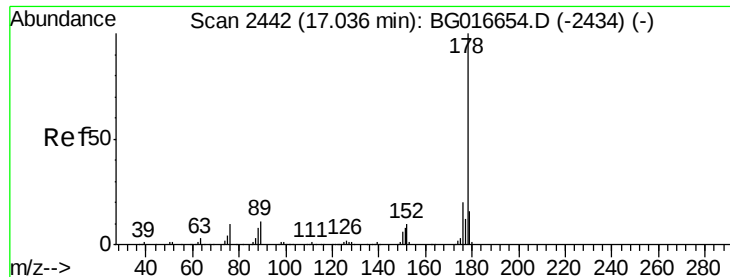
Ion Ratio Lower Upper

188 100

94 12.5 10.7 16.1

80 12.9 9.9 14.9





#70

Phenanthrene

Concen: 5.13 ng

RT: 17.02 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

Instrument :

BNA_G

ClientSampleId :

AS-14(9.5-10)

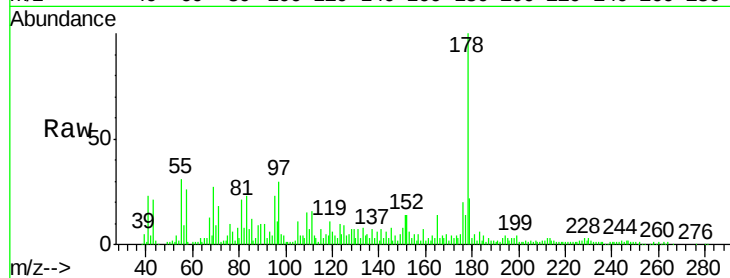
Tot Ion:178 Resp: 82194

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

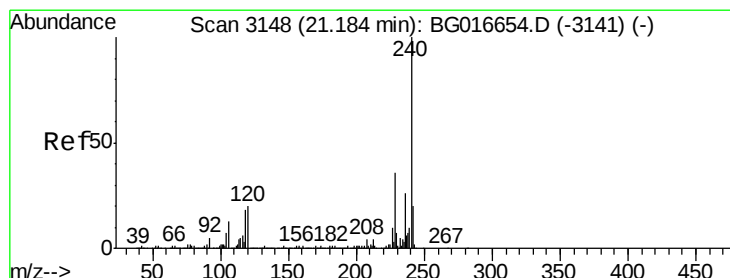
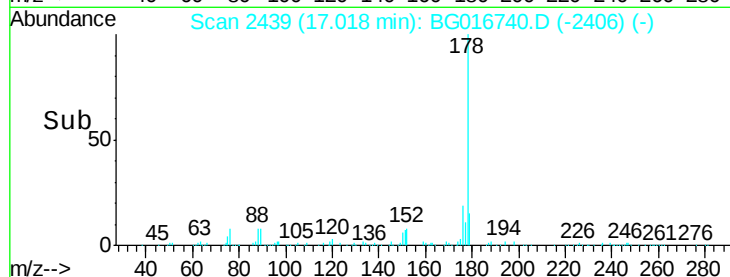
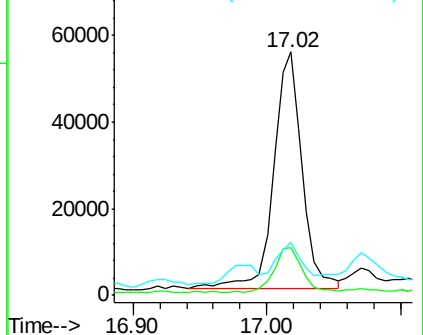
179 21.7 12.8 19.2#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

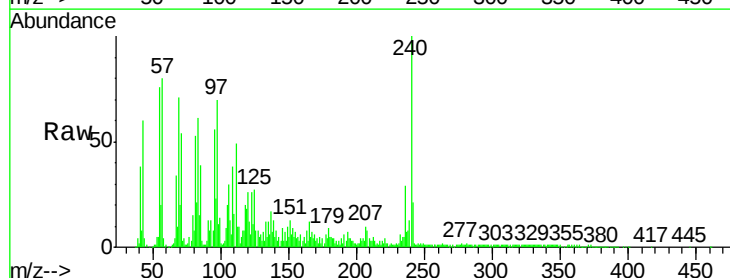
Tgt Ion:240 Resp: 209351

Ion Ratio Lower Upper

240 100

120 25.9 16.3 24.5#

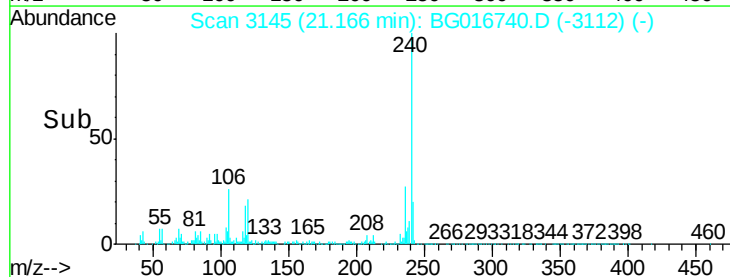
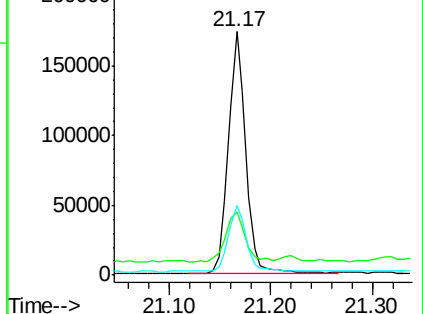
236 28.5 21.1 31.7

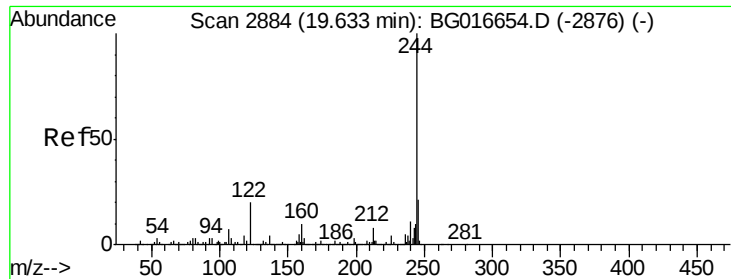


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.78 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

Instrument :

BNA_G

ClientSampleId :

AS-14(9.5-10)

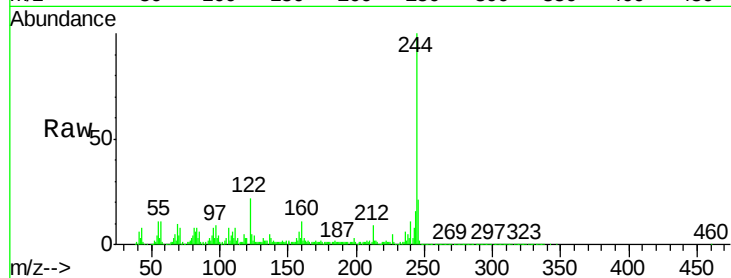
Tot Ion:244 Resp: 725028

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

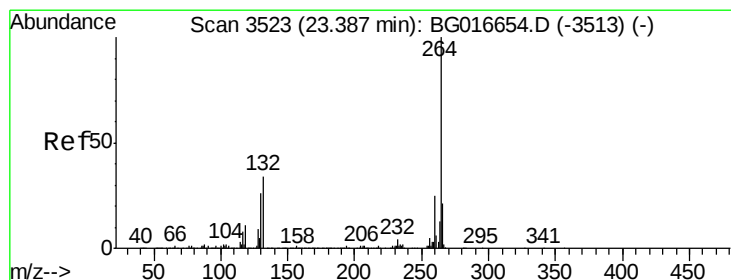
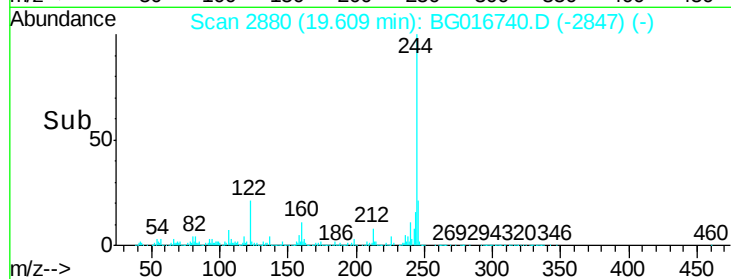
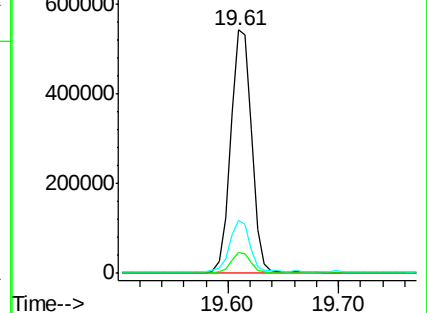
122 21.6 15.9 23.9



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: 23.37 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG016740.D

Acq: 27 Apr 2015 19:01

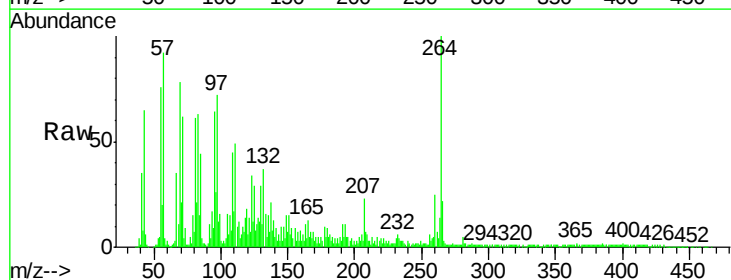
Tgt Ion:264 Resp: 200205

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

265 22.0 16.8 25.2



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

