

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
 Data File : BG016818.D
 Acq On : 30 Apr 2015 4:22
 Operator : TP/IZ
 Sample : G2031-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB8

Quant Time: Apr 30 05:20:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 02:30:36 2015
 Response via : Initial Calibration

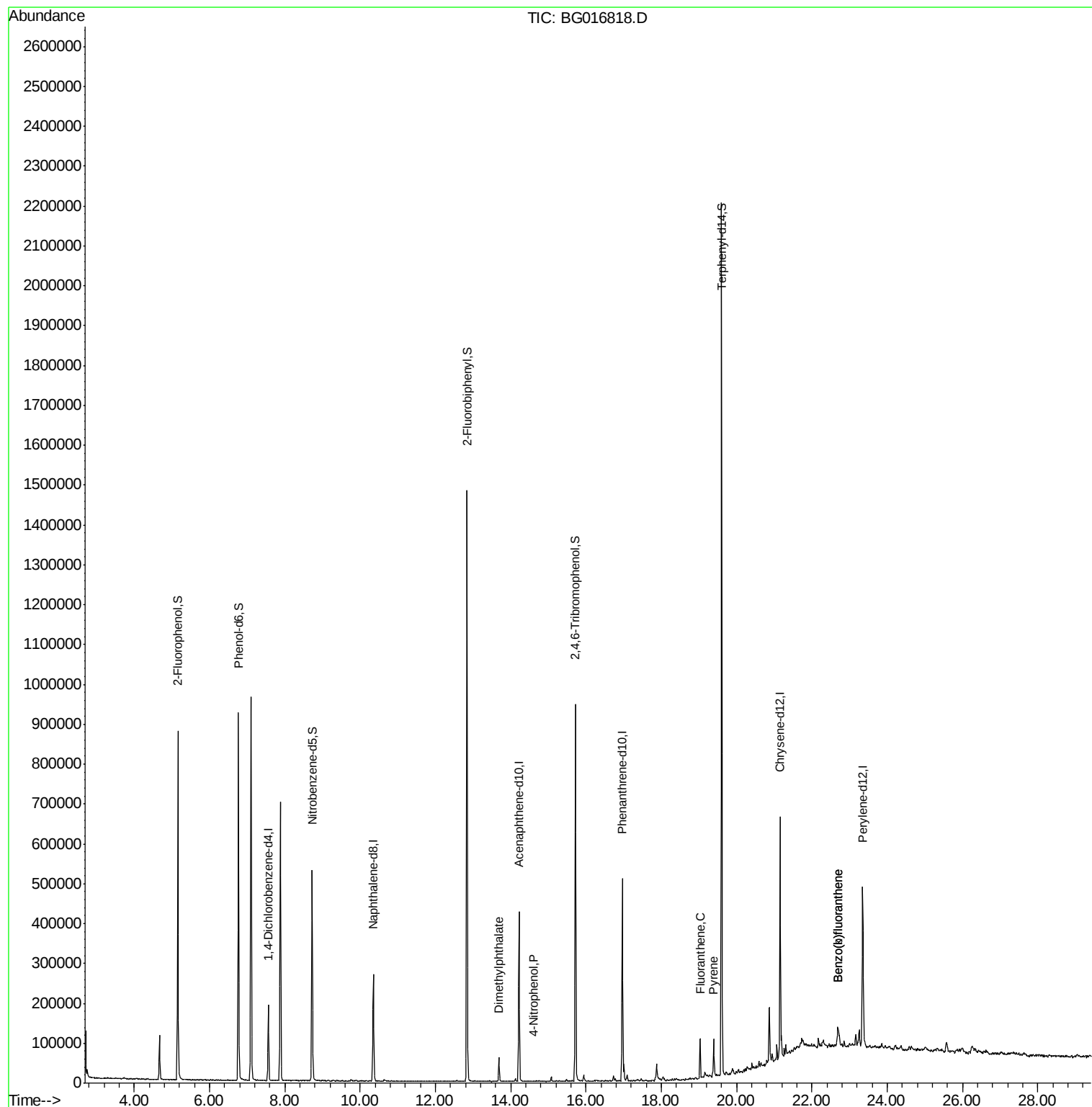
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	56236	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	247103	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	143896	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	282864	20.00	ng	0.00
75) Chrysene-d12	21.16	240	240989	20.00	ng	0.00
86) Perylene-d12	23.36	264	229864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	448194	146.81	ng	0.00
7) Phenol-d6	6.77	99	627404	146.41	ng	0.00
23) Nitrobenzene-d5	8.72	82	318537	83.97	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	138669	129.39	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	734202	79.00	ng	0.00
78) Terphenyl-d14	19.60	244	808947	80.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.69	163	45679	4.43	ng	99
55) 4-Nitrophenol	14.62	139	54	6.25	ng	# 22
74) Fluoranthene	19.03	202	55925	3.40	ng	96
77) Pyrene	19.39	202	52168	3.31	ng	98
87) Benzo(b)fluoranthene	22.69	252	46034	3.52	ng	# 96
88) Benzo(k)fluoranthene	22.69	252	46034	3.59	ng	97

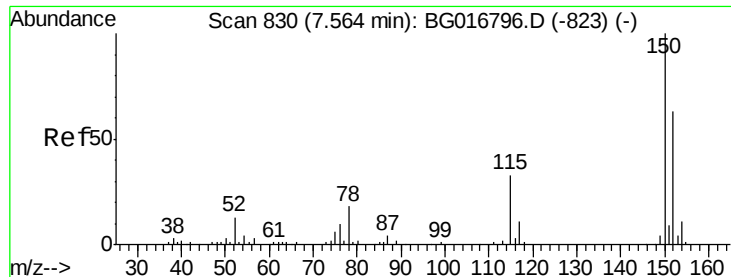
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Instrument :

BNA_G

ClientSampleId :

SB8

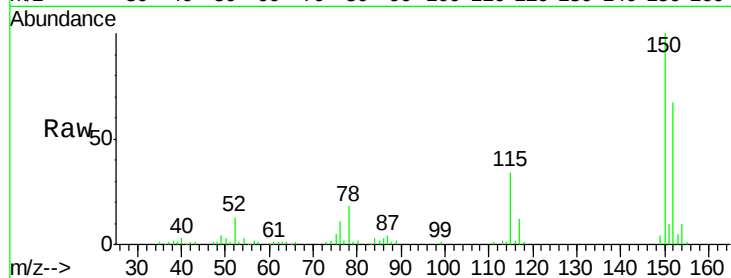
Tgt Ion:152 Resp: 56236

Ion Ratio Lower Upper

152 100

150 149.6 126.2 189.4

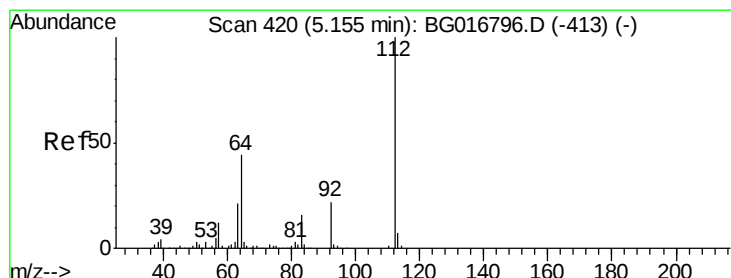
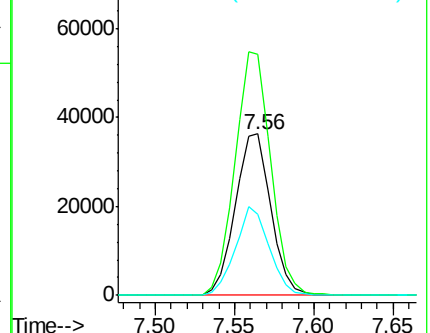
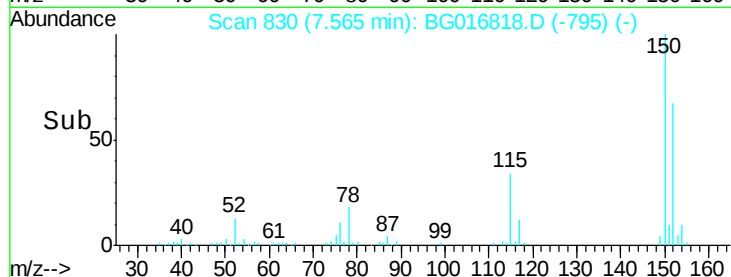
115 50.3 41.1 61.7



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: 146.81 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

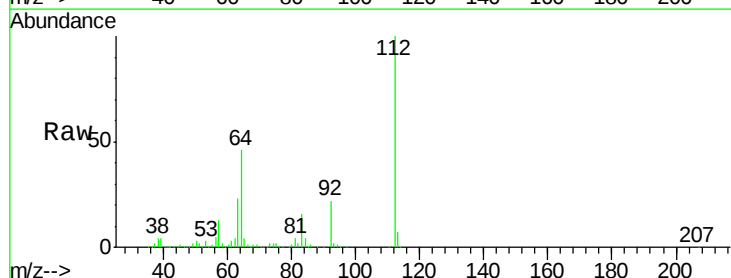
Tgt Ion:112 Resp: 448194

Ion Ratio Lower Upper

112 100

64 46.0 35.5 53.3

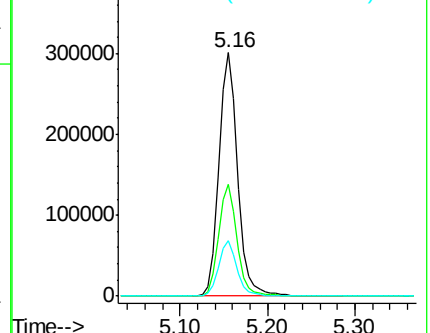
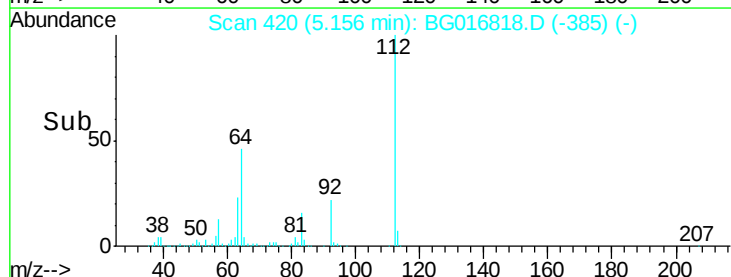
63 22.9 17.2 25.8

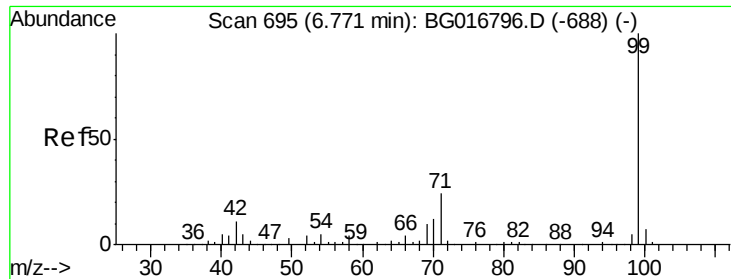


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 146.41 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Instrument :

BNA_G

ClientSampled :

SB8

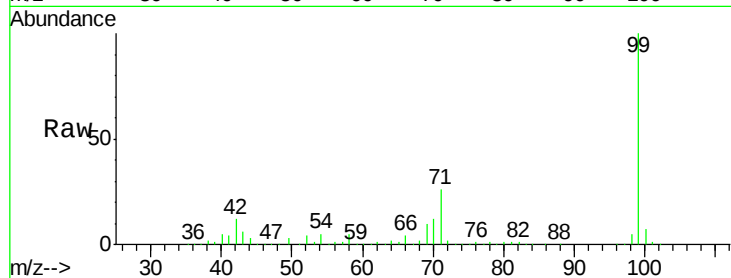
Tgt Ion: 99 Resp: 627404

Ion Ratio Lower Upper

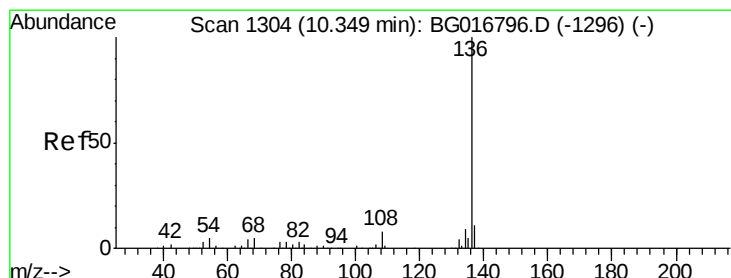
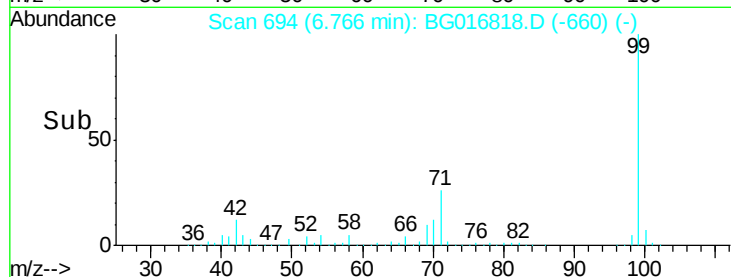
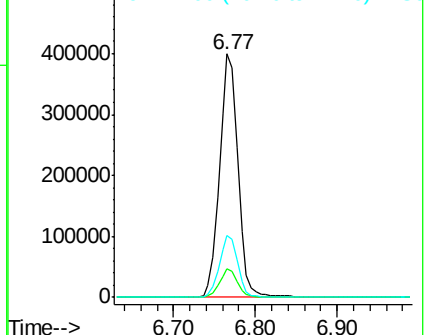
99 100

42 11.7 8.9 13.3

71 25.6 19.0 28.6



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: 10.35 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Tgt Ion: 136 Resp: 247103

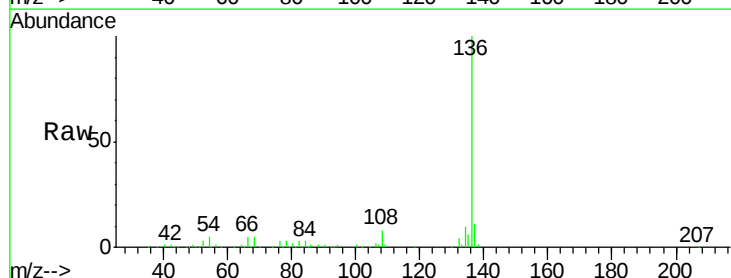
Ion Ratio Lower Upper

136 100

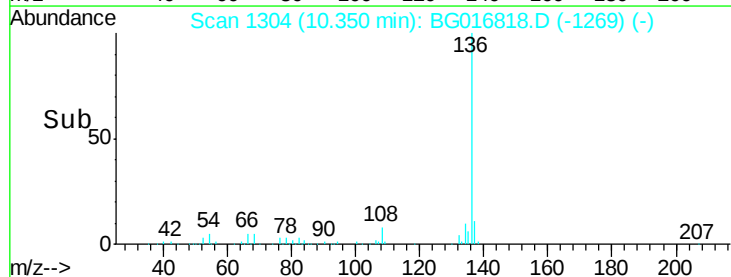
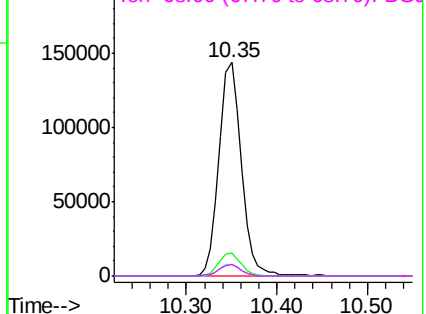
137 10.9 8.6 12.8

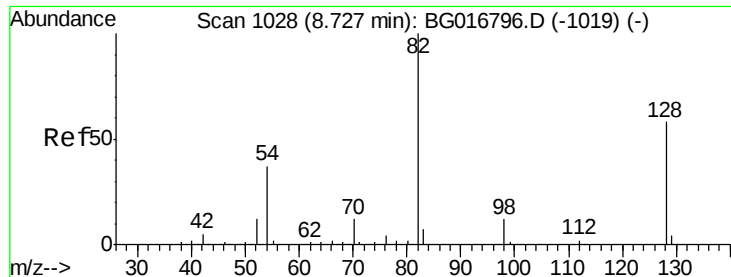
54 5.5 4.3 6.5

68 5.3 4.3 6.5



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

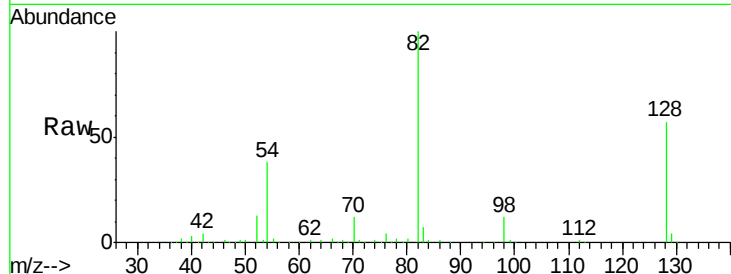




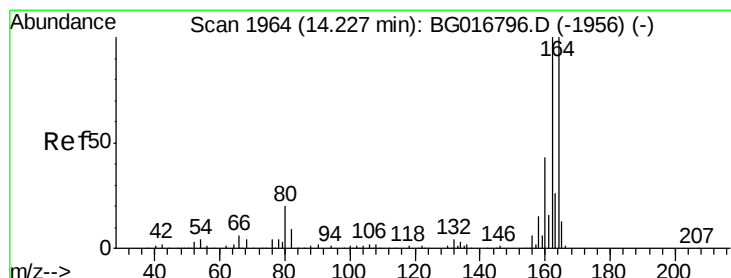
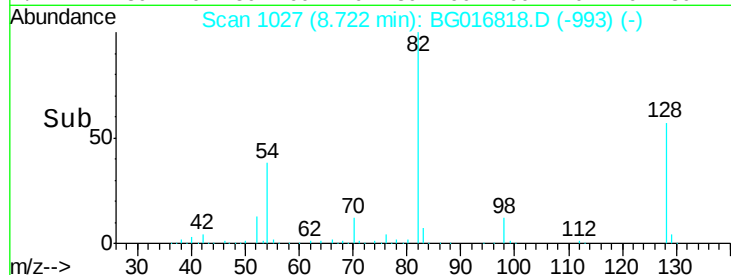
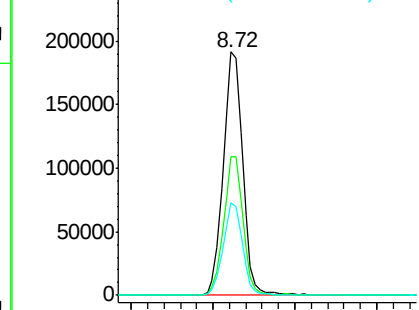
#23
 Nitrobenzene-d5
 Concen: 83.97 ng
 RT: 8.72 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG016818.D
 Acq: 30 Apr 2015 4:22

Instrument :
 BNA_G
 ClientSampleId :
 SB8

Tgt Ion	Ratio	Lower	Upper
82	100		
128	57.0	46.3	69.5
54	38.0	30.0	45.0

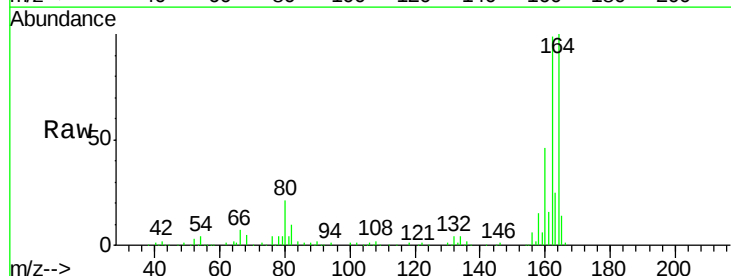


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

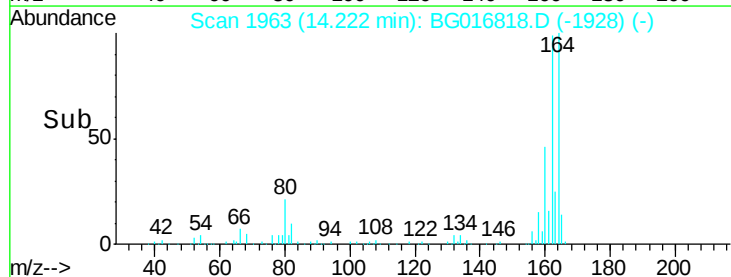
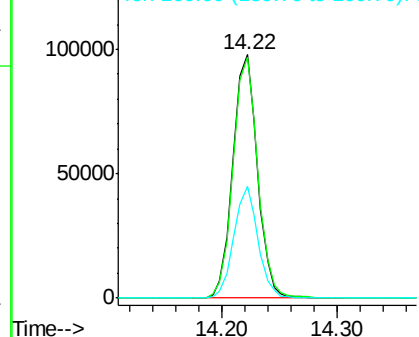


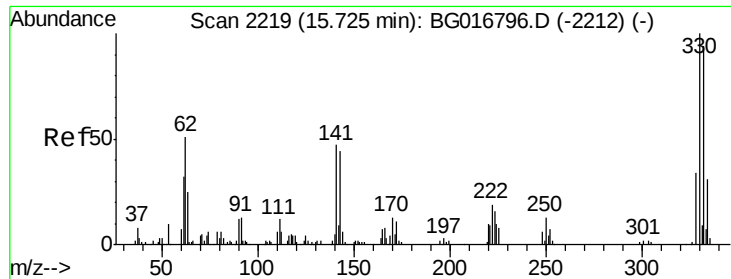
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG016818.D
 Acq: 30 Apr 2015 4:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.2	120.4
160	46.1	34.8	52.2



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

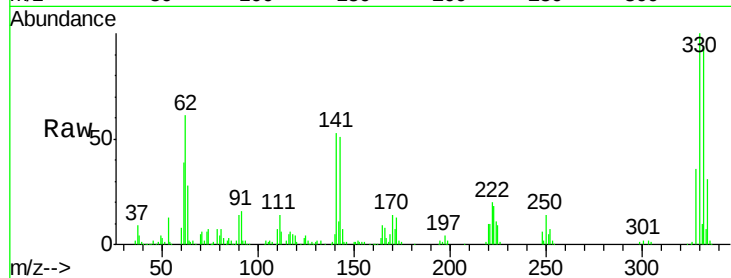




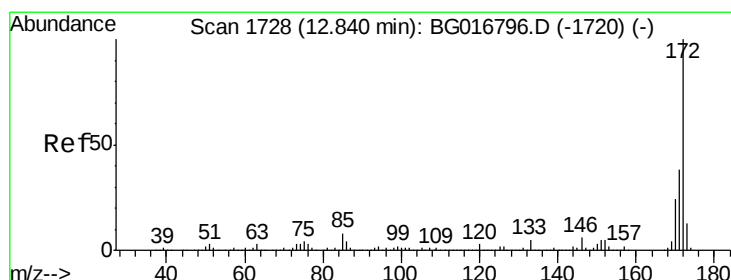
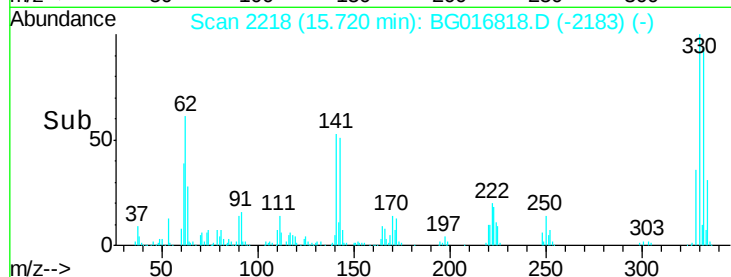
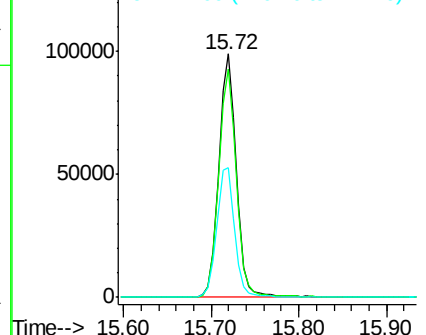
#41
 2,4,6-Tribromophenol
 Concen: 129.39 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG016818.D
 Acq: 30 Apr 2015 4:22

Instrument :
 BNA_G
 ClientSampleId :
 SB8

Tgt Ion:330 Resp: 138669
 Ion Ratio Lower Upper
 330 100
 332 94.1 75.3 112.9
 141 54.3 40.7 61.1

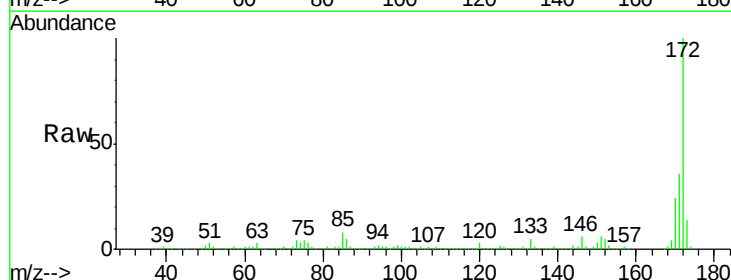


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

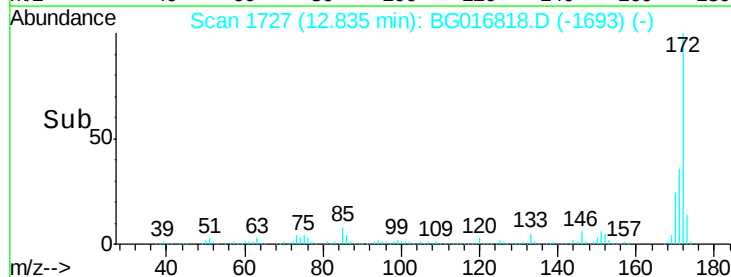
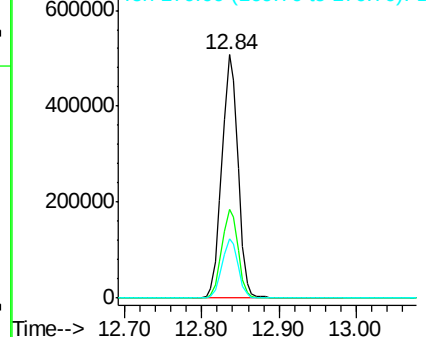


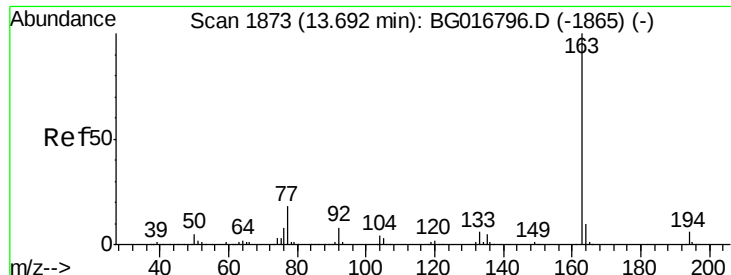
#44
 2-Fluorobiphenyl
 Concen: 79.00 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016818.D
 Acq: 30 Apr 2015 4:22

Tgt Ion:172 Resp: 734202
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.2 45.4
 170 24.2 19.4 29.0



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: 4.43 ng

RT: 13.69 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Instrument :

BNA_G

ClientSampleId :

SB8

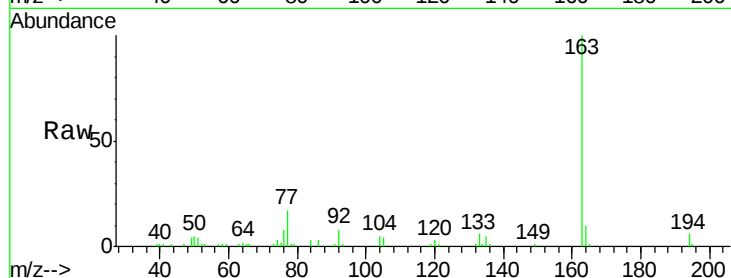
Tgt Ion:163 Resp: 45679

Ion Ratio Lower Upper

163 100

194 6.1 4.7 7.1

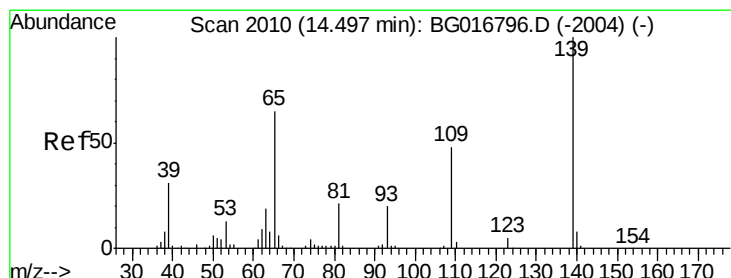
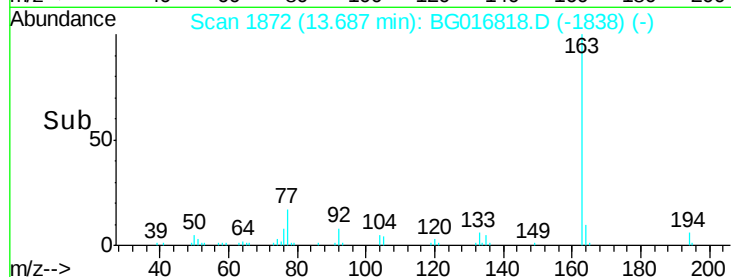
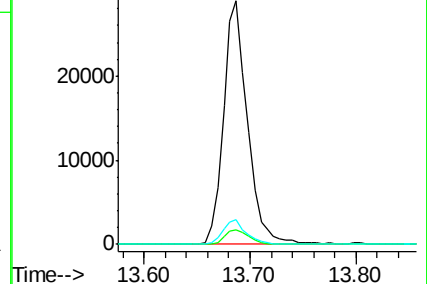
164 10.0 8.2 12.2



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



#55

4-Nitrophenol

Concen: 6.25 ng

RT: 14.62 min Scan# 2031

Delta R.T. 0.13 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

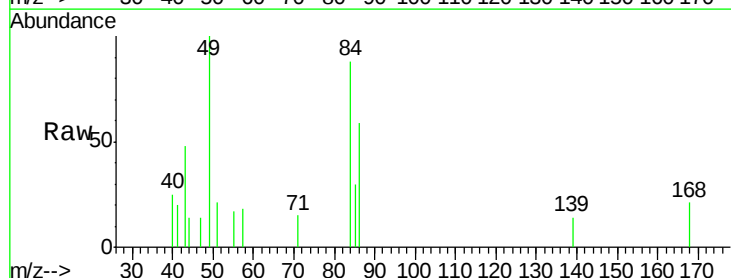
Tgt Ion:139 Resp: 54

Ion Ratio Lower Upper

139 100

109 0.0 27.8 67.8#

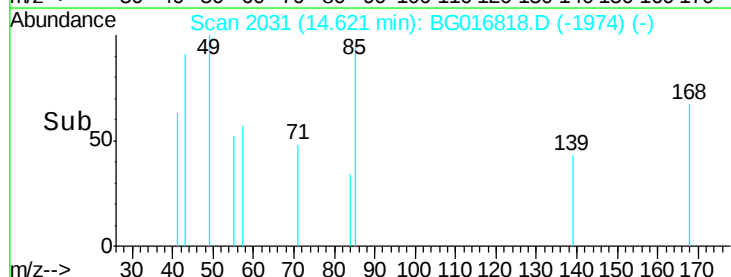
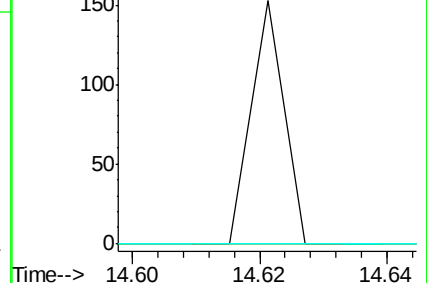
65 0.0 45.4 85.4#

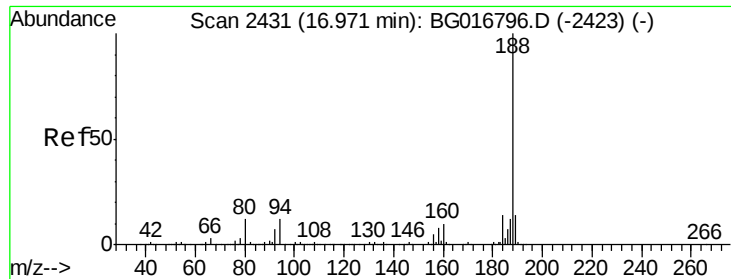


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

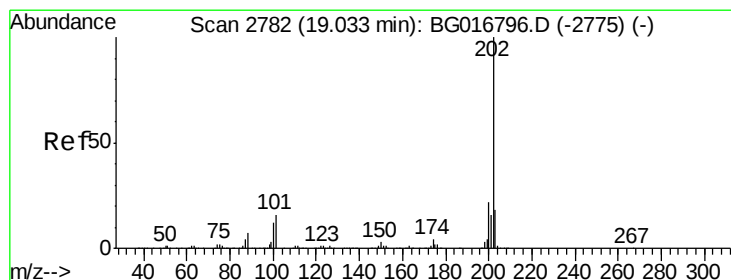
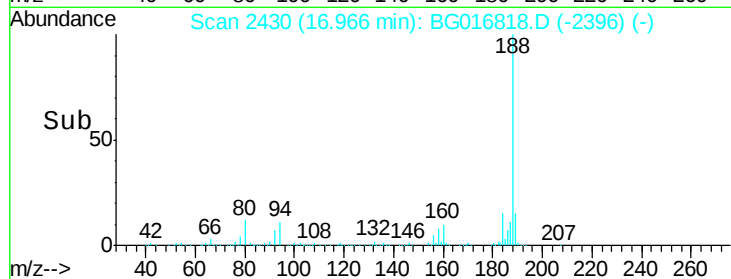
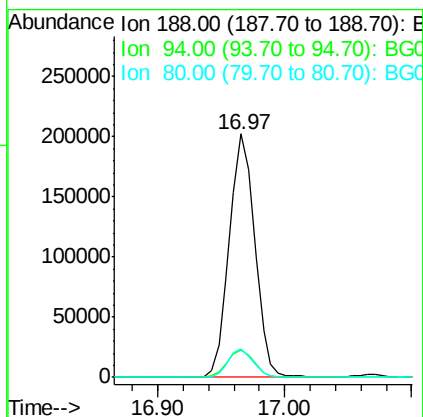
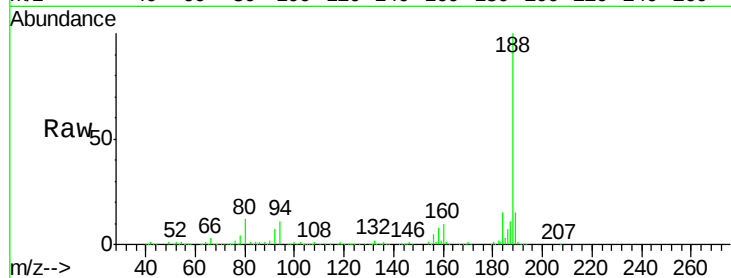




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016818.D
Acq: 30 Apr 2015 4:22

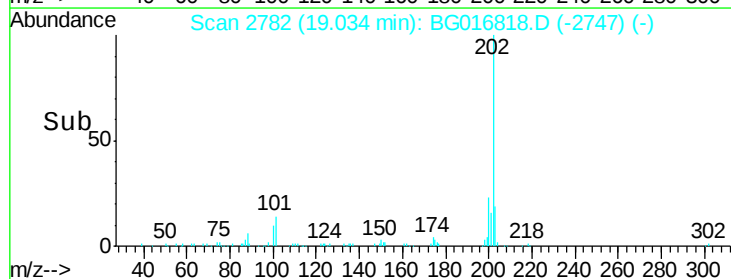
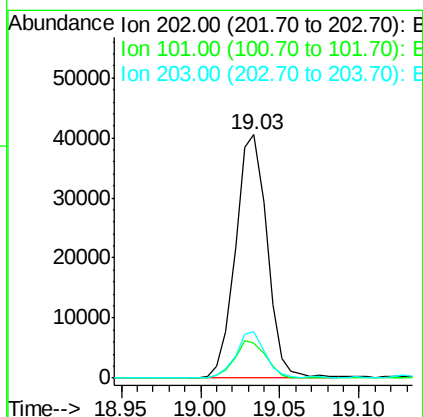
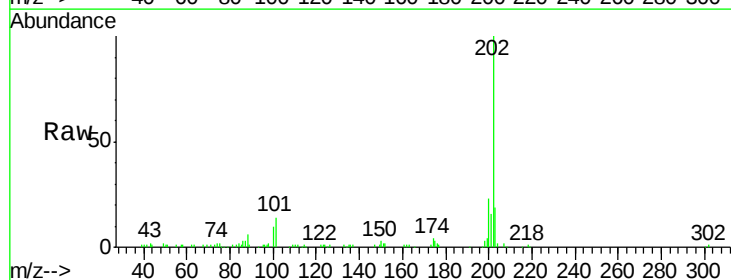
Instrument :
BNA_G
ClientSampled :
SB8

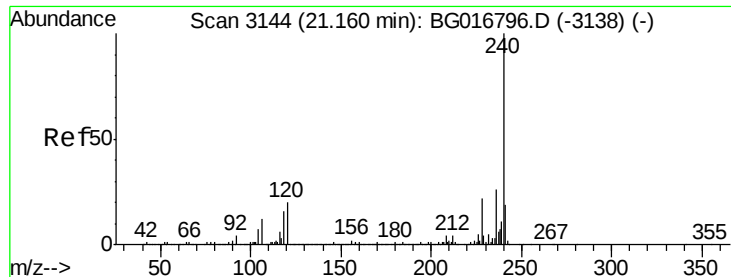
Tgt Ion:188 Resp: 282864
Ion Ratio Lower Upper
188 100
94 11.4 9.5 14.3
80 11.7 9.2 13.8



#74
Fluoranthene
Concen: 3.40 ng
RT: 19.03 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG016818.D
Acq: 30 Apr 2015 4:22

Tgt Ion:202 Resp: 55925
Ion Ratio Lower Upper
202 100
101 14.3 0.0 36.2
203 19.1 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Instrument :

BNA_G

ClientSampleId :

SB8

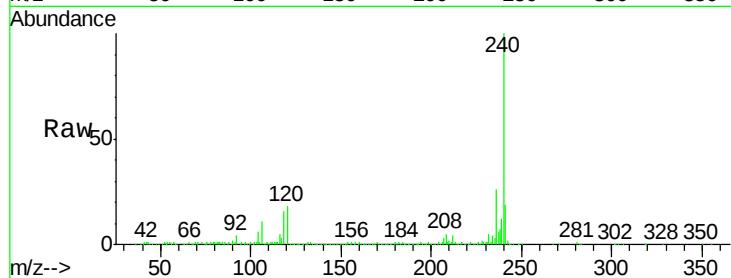
Tgt Ion:240 Resp: 240989

Ion Ratio Lower Upper

240 100

120 18.0 16.1 24.1

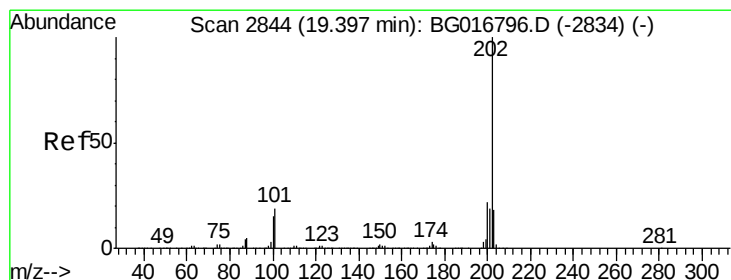
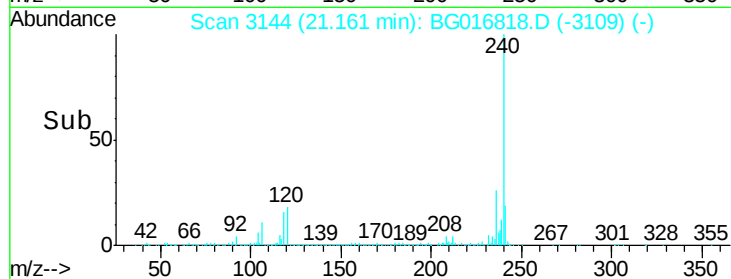
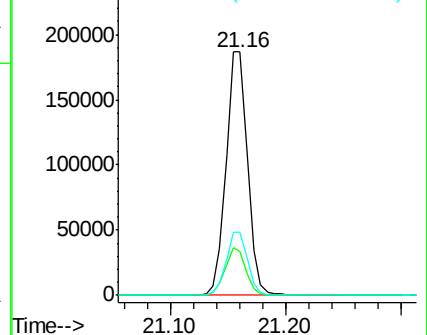
236 26.0 21.0 31.6



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



#77

Pyrene

Concen: 3.31 ng

RT: 19.39 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

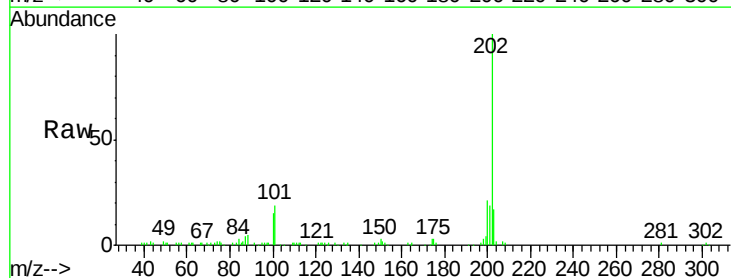
Tgt Ion:202 Resp: 52168

Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

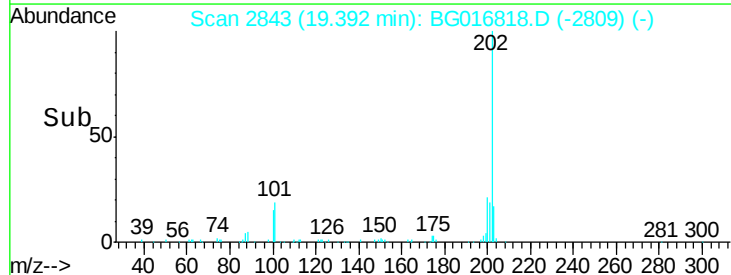
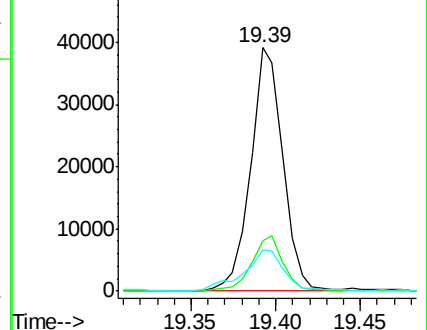
203 17.2 14.6 22.0

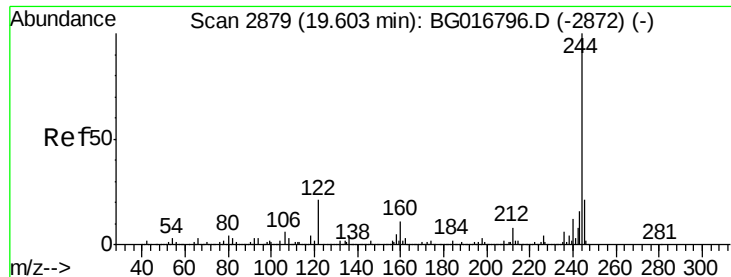


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.97 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Instrument :

BNA_G

ClientSampleId :

SB8

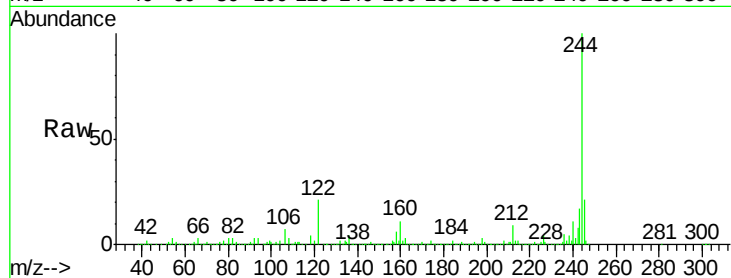
Tgt Ion:244 Resp: 808947

Ion Ratio Lower Upper

244 100

212 8.6 6.4 9.6

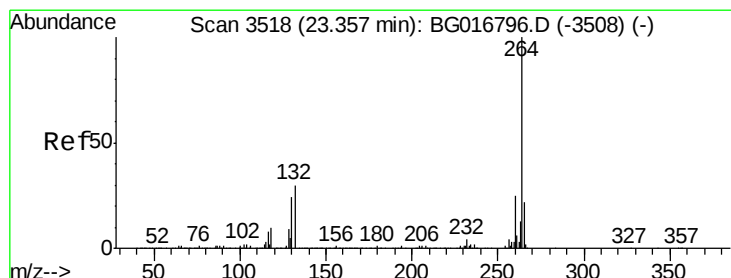
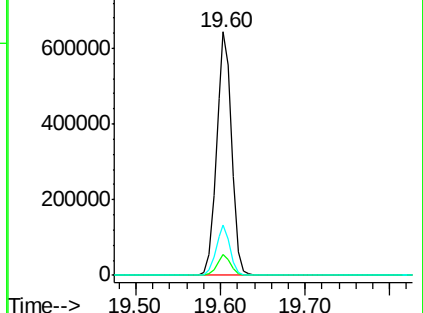
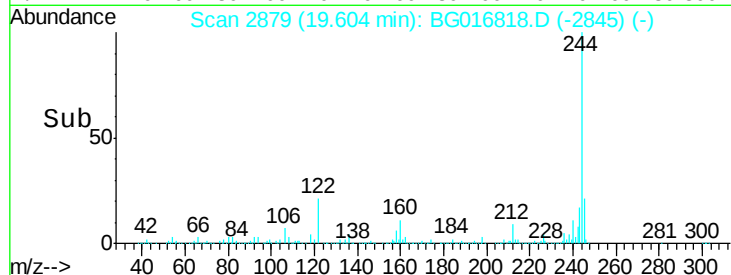
122 20.5 16.4 24.6



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: 23.36 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

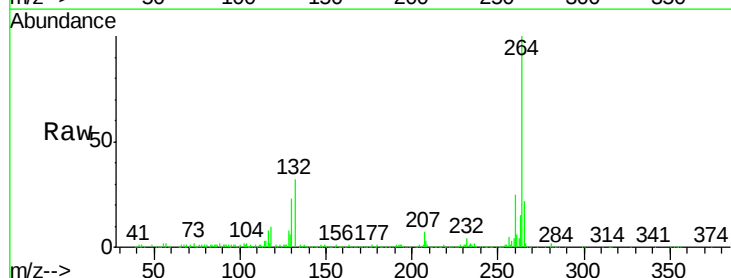
Tgt Ion:264 Resp: 229864

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

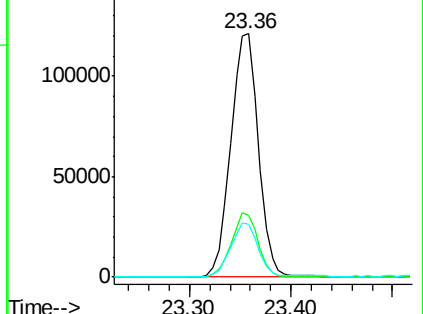
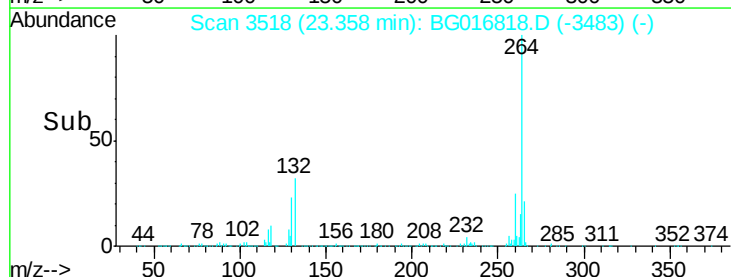
265 21.7 17.4 26.2

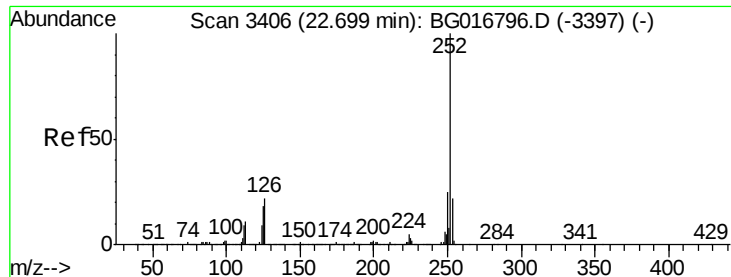


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.52 ng

RT: 22.69 min Scan# 3405

Delta R.T. -0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

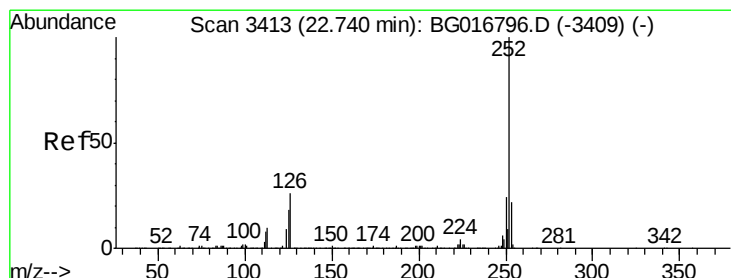
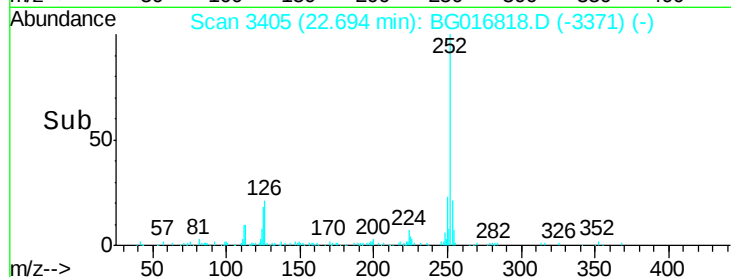
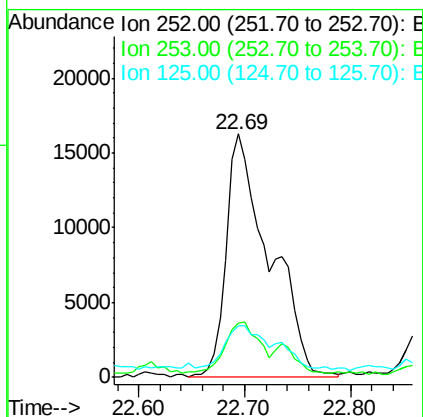
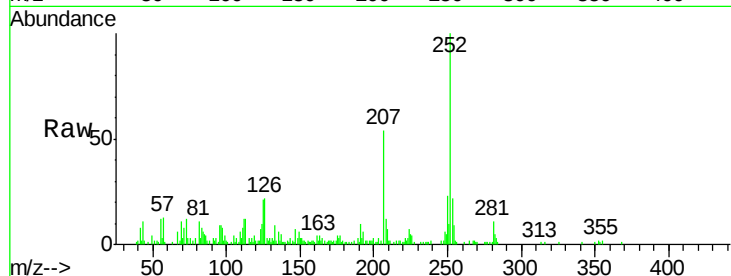
Instrument :

BNA_G

ClientSampleId :

SB8

Tgt Ion:	252	Resp:	46034
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	21.4	14.2	21.2#



#88

Benzo(k)fluoranthene

Concen: 3.59 ng

RT: 22.69 min Scan# 3405

Delta R.T. -0.04 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Tgt Ion:	252	Resp:	46034
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	21.4	14.5	21.7

