

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016640.D
 Acq On : 23 Apr 2015 5:31
 Operator : TP/IZ
 Sample : G1976-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0435

Quant Time: Apr 23 07:10:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 03:17:21 2015
 Response via : Initial Calibration

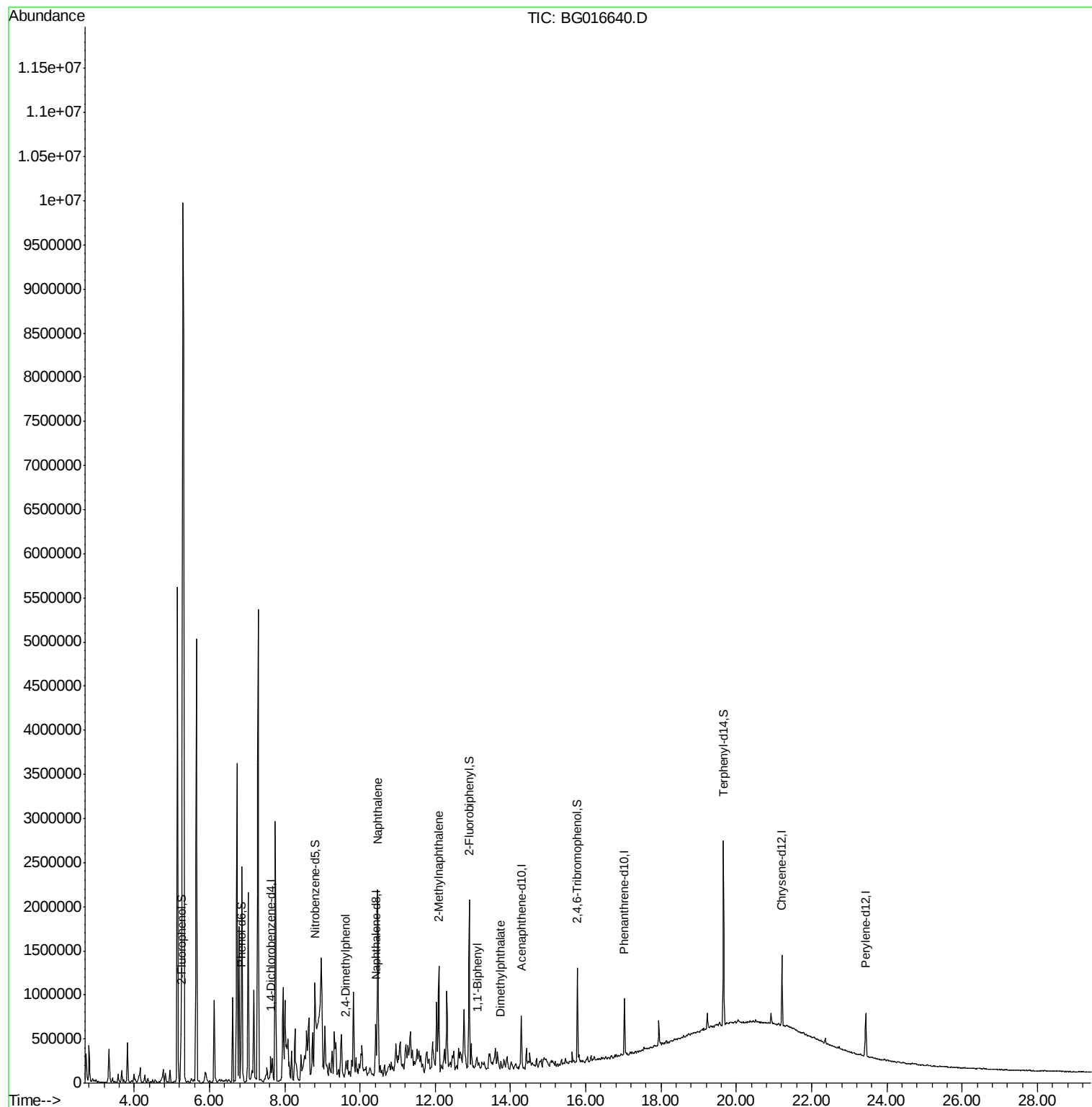
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	73727	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	332917	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	187500	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	350214	20.00	ng	0.00
75) Chrysene-d12	21.21	240	300818	20.00	ng	0.00
86) Perylene-d12	23.43	264	289524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	245189	53.30	ng	0.02
7) Phenol-d6	6.84	99	207609	32.30	ng	0.00
23) Nitrobenzene-d5	8.80	82	428448	79.24	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	148790	116.84	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	931563	82.28	ng	0.00
78) Terphenyl-d14	19.65	244	786659	63.00	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.63	122	24064	4.55	ng	96
31) Naphthalene	10.48	128	1676854	96.49	ng	96
37) 2-Methylnaphthalene	12.09	142	543759	43.70	ng	96
45) 1,1'-Biphenyl	13.11	154	44940	3.11	ng	98
49) Dimethylphthalate	13.74	163	32985	2.38	ng	# 95

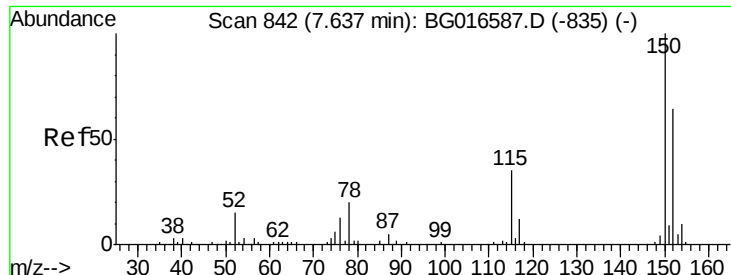
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0435

Quant Time: Apr 23 07:10:09 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 03:17:21 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.64 min Scan# 842

Delta R.T. 0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampleId :

S8-0435

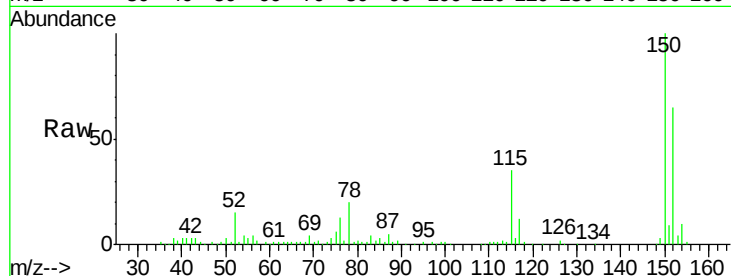
Tot Ion:152 Resp: 73727

Ion Ratio Lower Upper

152 100

150 154.0 125.5 188.3

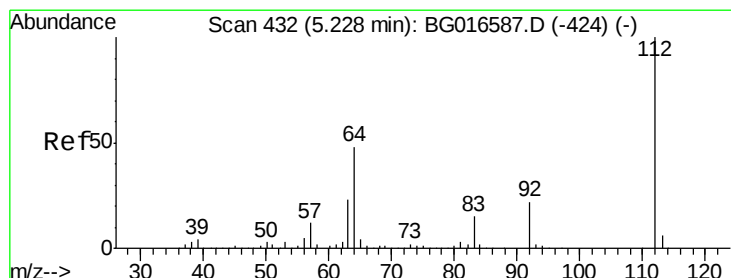
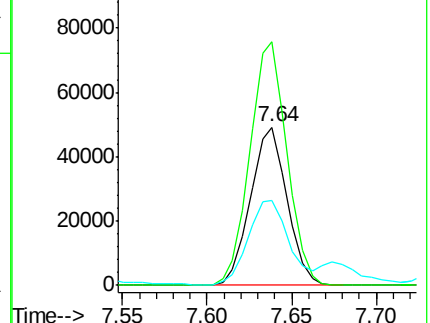
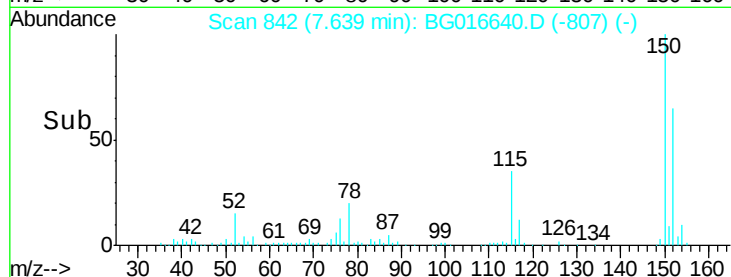
115 53.8 44.5 66.7



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: 53.30 ng

RT: 5.25 min Scan# 435

Delta R.T. 0.02 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

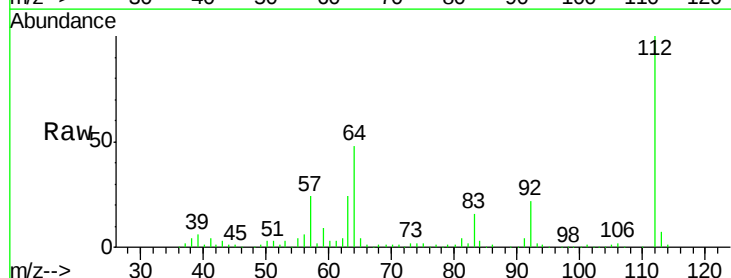
Tgt Ion:112 Resp: 245189

Ion Ratio Lower Upper

112 100

64 48.2 38.5 57.7

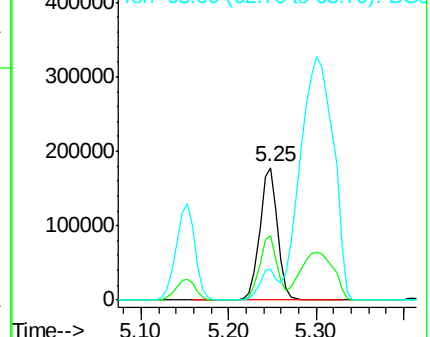
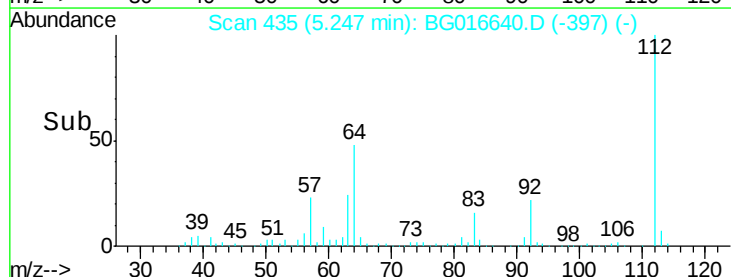
63 23.6 18.2 27.4

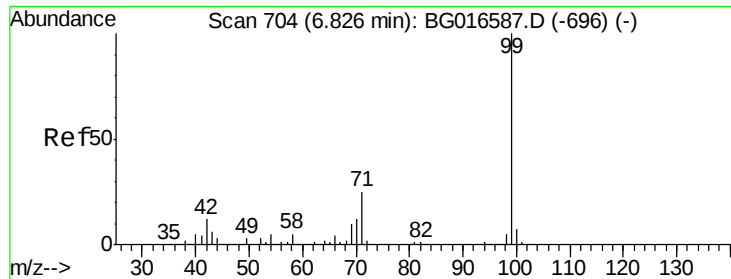


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.30 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampleId :

S8-0435

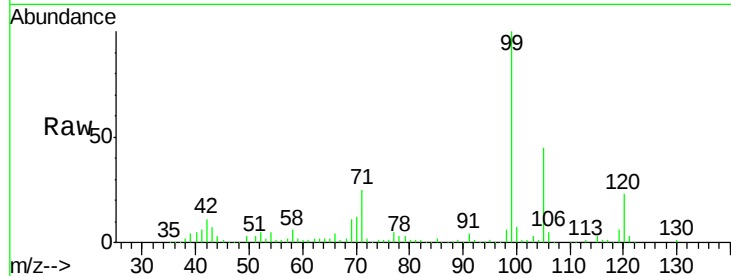
Tot Ion: 99 Resp: 207609

Ion Ratio Lower Upper

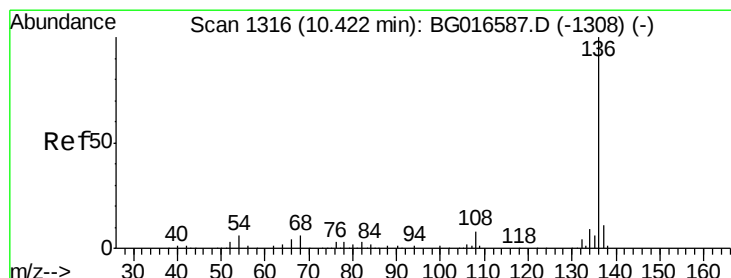
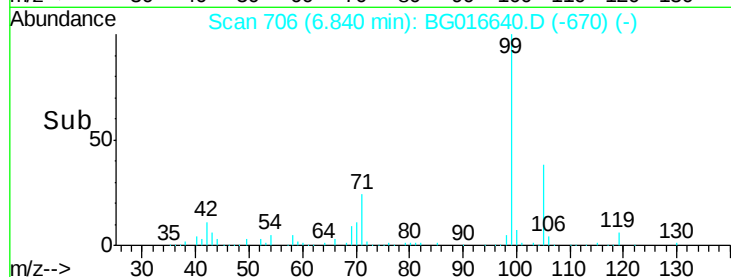
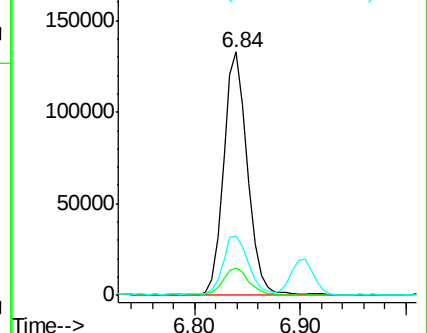
99 100

42 11.3 9.5 14.3

71 24.6 20.2 30.2



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: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Tgt Ion: 136 Resp: 332917

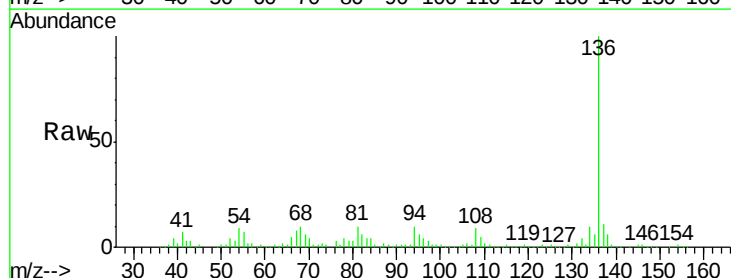
Ion Ratio Lower Upper

136 100

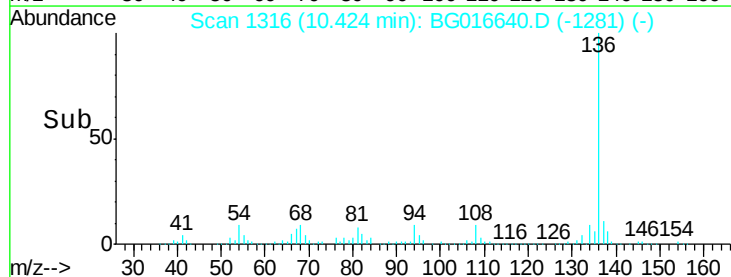
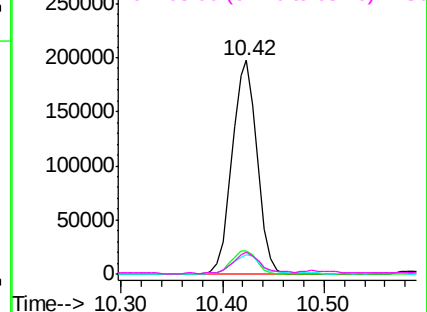
137 10.8 8.8 13.2

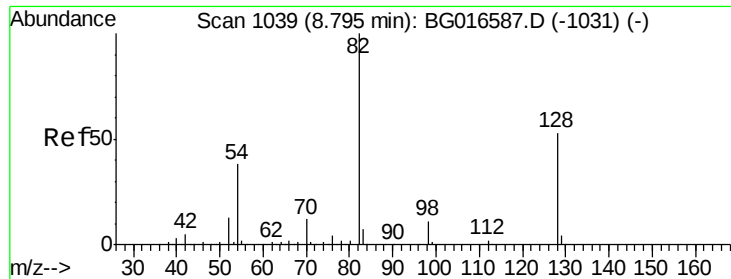
54 9.1 4.9 7.3#

68 10.0 4.9 7.3#



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

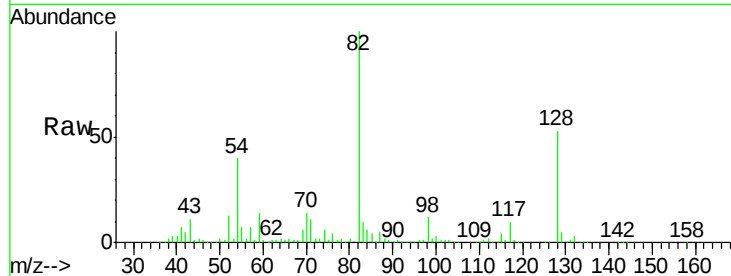




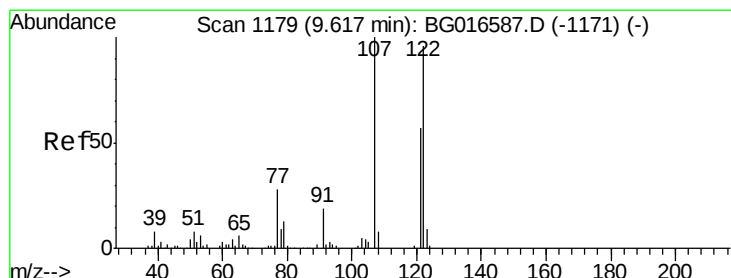
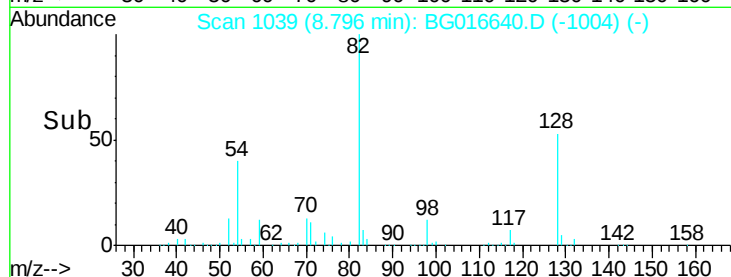
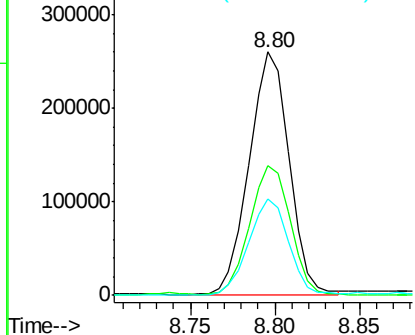
#23
 Nitrobenzene-d5
 Concen: 79.24 ng
 RT: 8.80 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG016640.D
 Acq: 23 Apr 2015 5:31

Instrument :
 BNA_G
 ClientSampled :
 S8-0435

Tot Ion: 82 Resp: 428448
 Ion Ratio Lower Upper
 82 100
 128 53.2 42.7 64.1
 54 39.6 30.6 45.8

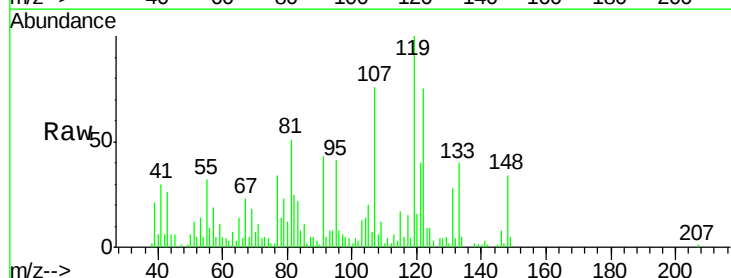


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

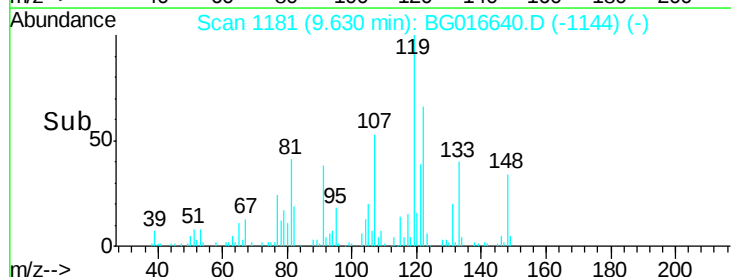
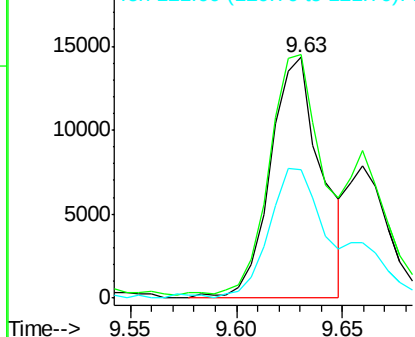


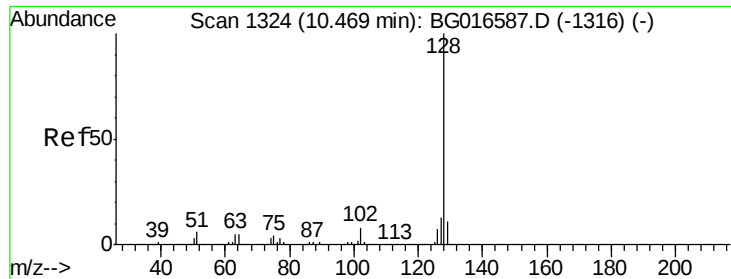
#27
 2,4-Dimethylphenol
 Concen: 4.55 ng
 RT: 9.63 min Scan# 1181
 Delta R.T. 0.02 min
 Lab File: BG016640.D
 Acq: 23 Apr 2015 5:31

Tgt Ion:122 Resp: 24064
 Ion Ratio Lower Upper
 122 100
 107 101.2 82.9 124.3
 121 53.6 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 107.00 (106.70 to 107.70): BGC
 Ion 121.00 (120.70 to 121.70): BGC

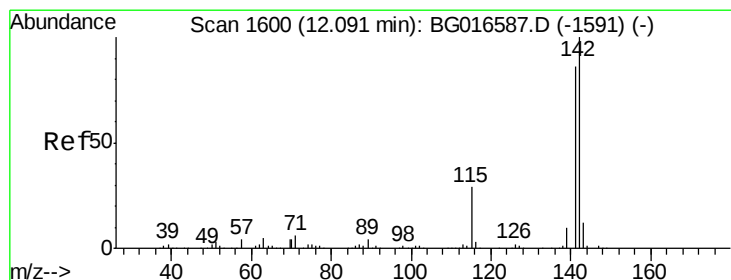
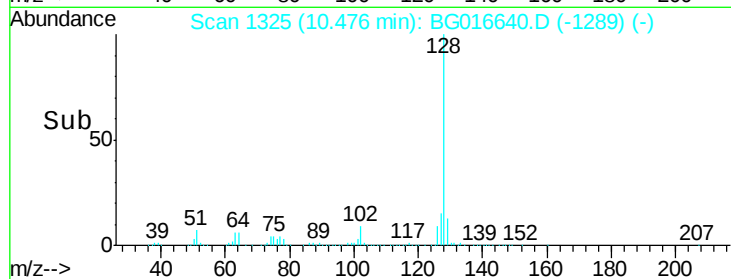
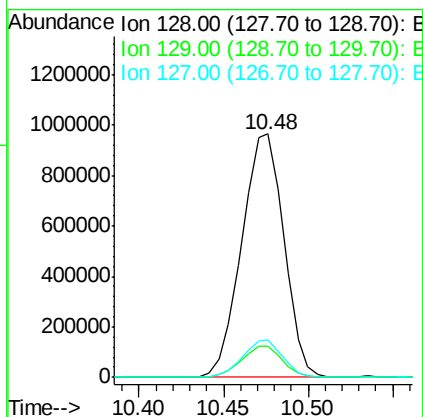
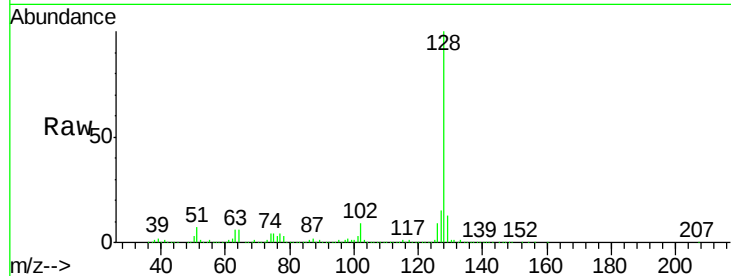




#31
Naphthalene
Concen: 96.49 ng
RT: 10.48 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG016640.D
Acq: 23 Apr 2015 5:31

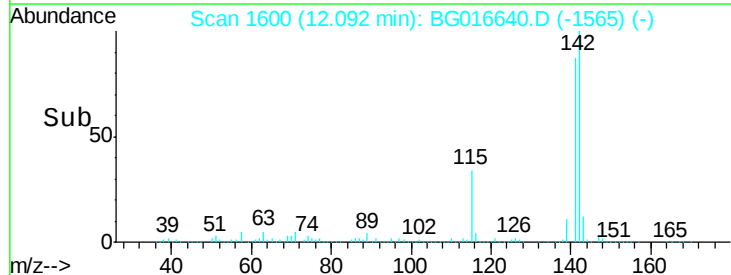
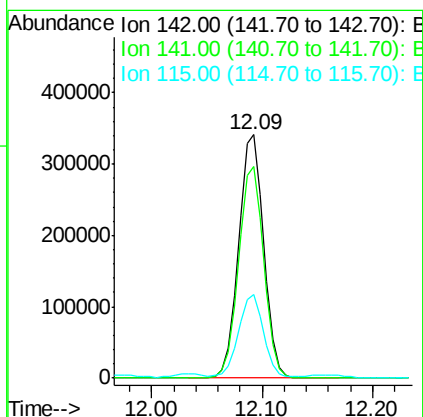
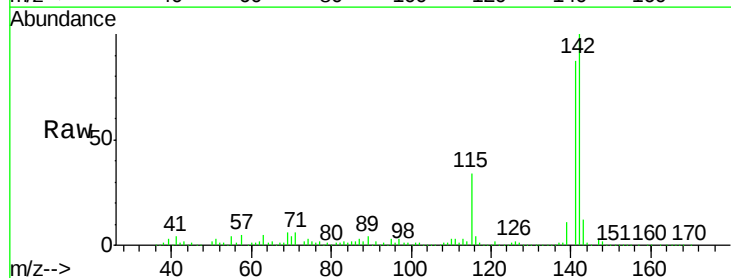
Instrument :
BNA_G
ClientSampleId :
S8-0435

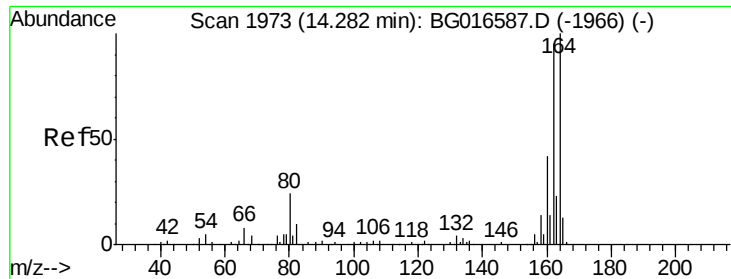
Tot Ion:128 Resp: 1676854
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 15.4 10.6 16.0



#37
2-Methylnaphthalene
Concen: 43.70 ng
RT: 12.09 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG016640.D
Acq: 23 Apr 2015 5:31

Tgt Ion:142 Resp: 543759
Ion Ratio Lower Upper
142 100
141 87.1 68.6 102.8
115 34.3 23.3 34.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.28 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampleId :

S8-0435

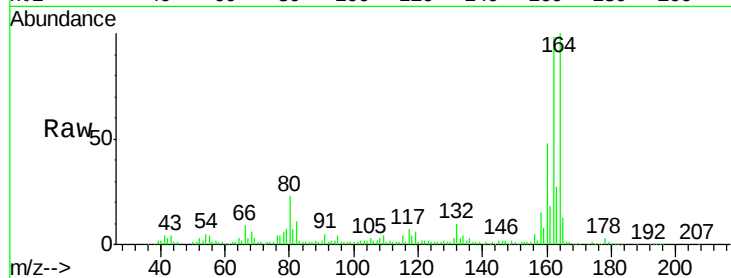
Tot Ion:164 Resp: 187500

Ion Ratio Lower Upper

164 100

162 98.1 75.8 113.6

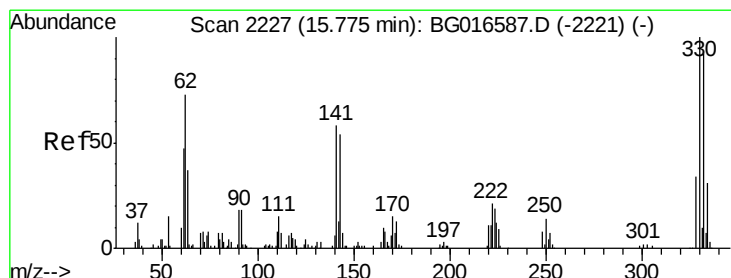
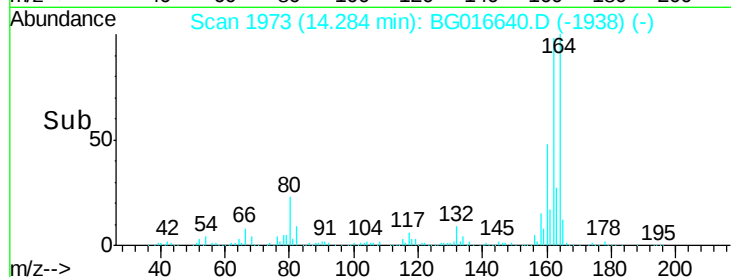
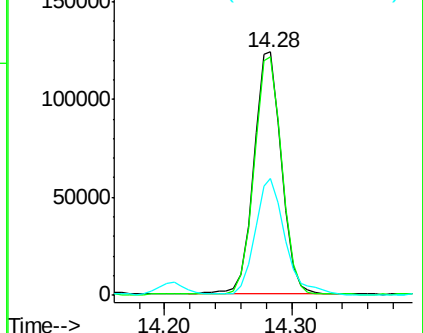
160 48.2 33.8 50.6



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: 116.84 ng

RT: 15.78 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

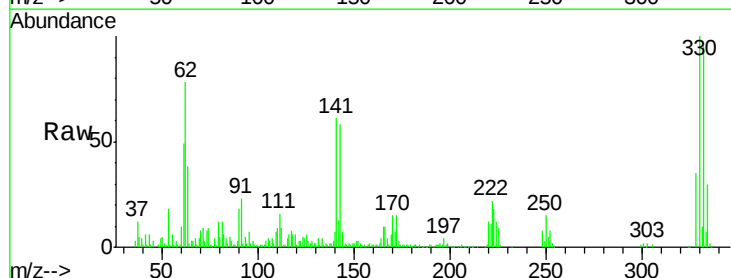
Tgt Ion:330 Resp: 148790

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

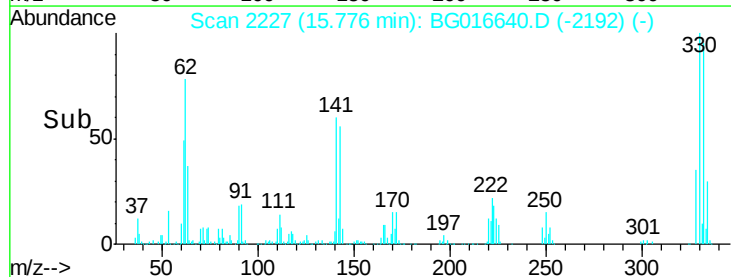
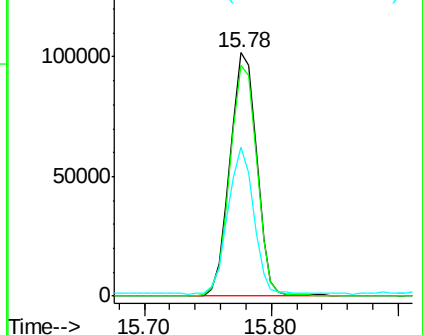
141 57.5 45.9 68.9

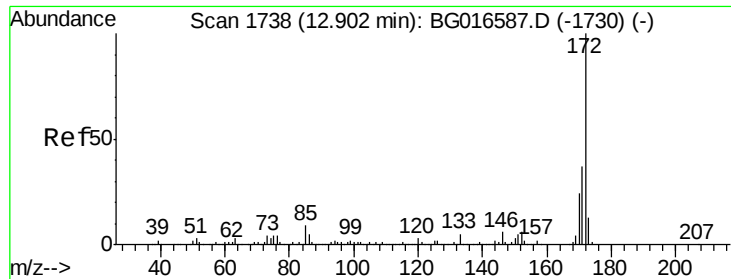


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

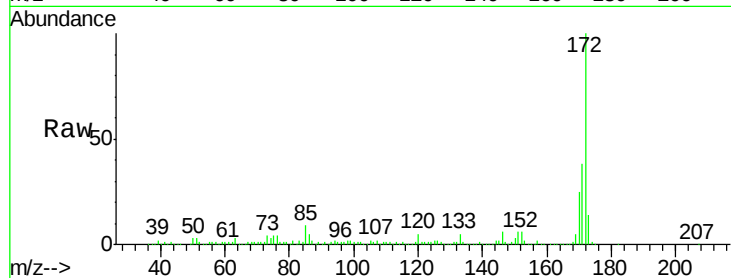




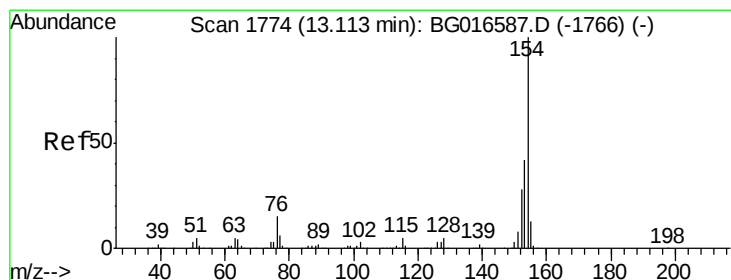
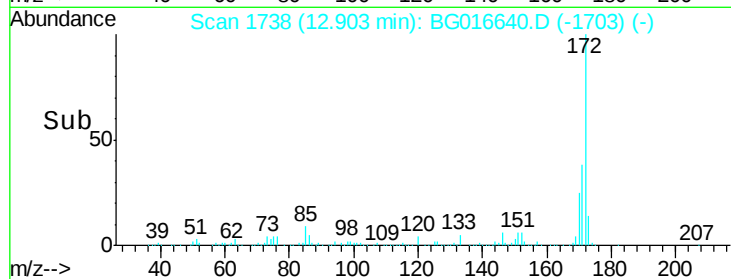
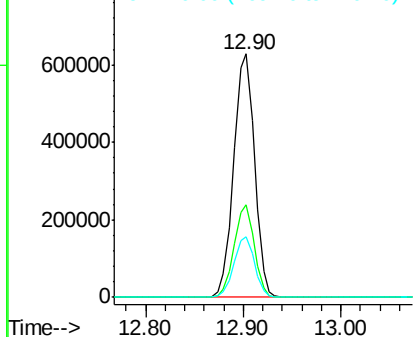
#44
2-Fluorobiphenyl
Concen: 82.28 ng
RT: 12.90 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG016640.D
Acq: 23 Apr 2015 5:31

Instrument :
BNA_G
ClientSampleId :
S8-0435

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.6	44.4
170	24.9	19.4	29.0

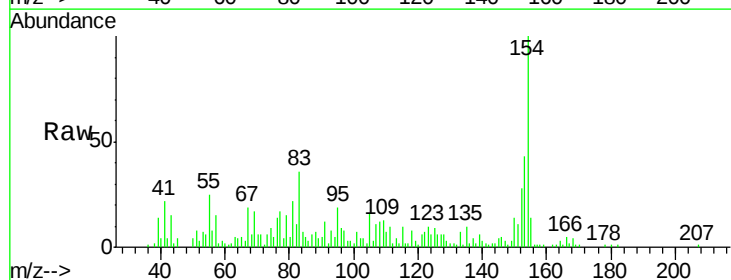


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

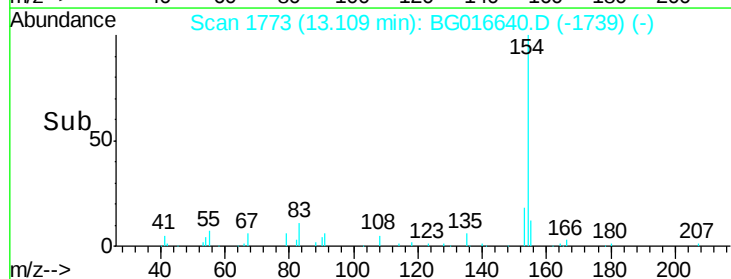
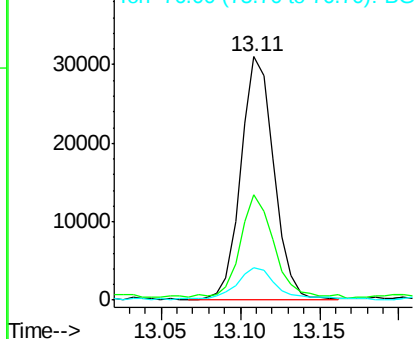


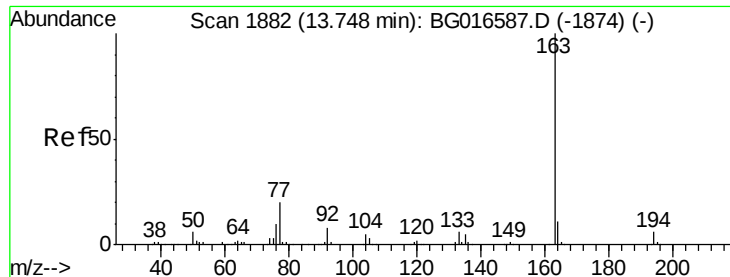
#45
1,1'-Biphenyl
Concen: 3.11 ng
RT: 13.11 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG016640.D
Acq: 23 Apr 2015 5:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.4	62.4
76	13.6	0.0	35.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#49

Dimethylphthalate

Concen: 2.38 ng

RT: 13.74 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampleId :

S8-0435

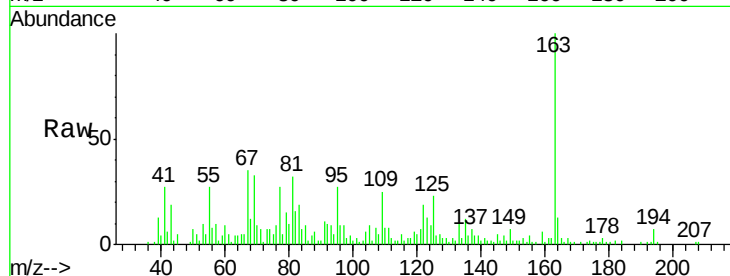
Tot Ion:163 Resp: 32985

Ion Ratio Lower Upper

163 100

194 6.7 4.9 7.3

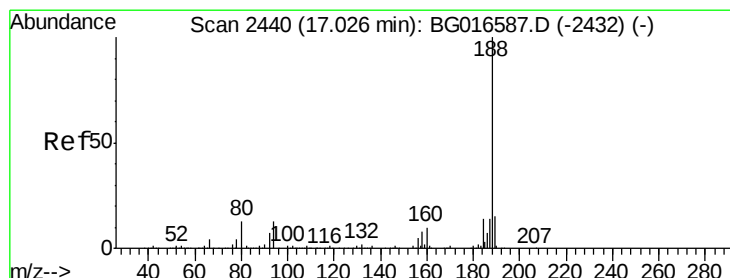
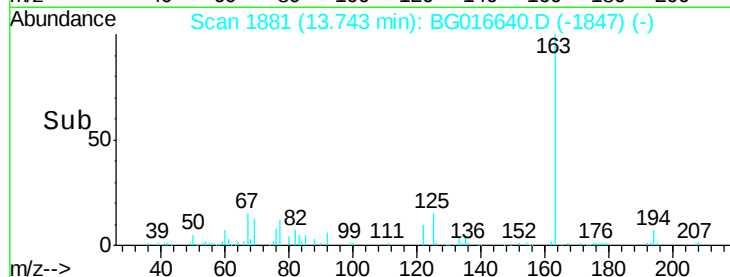
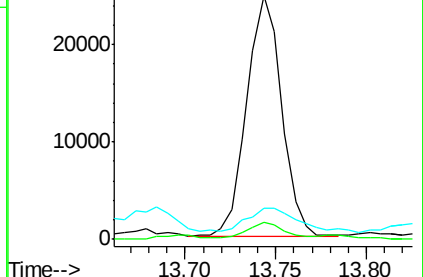
164 13.0 8.6 12.8#



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: 17.02 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

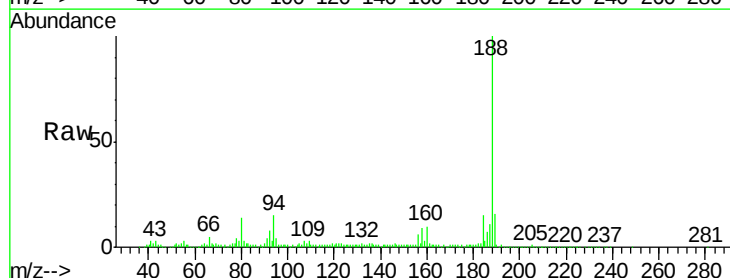
Tgt Ion:188 Resp: 350214

Ion Ratio Lower Upper

188 100

94 14.8 10.5 15.7

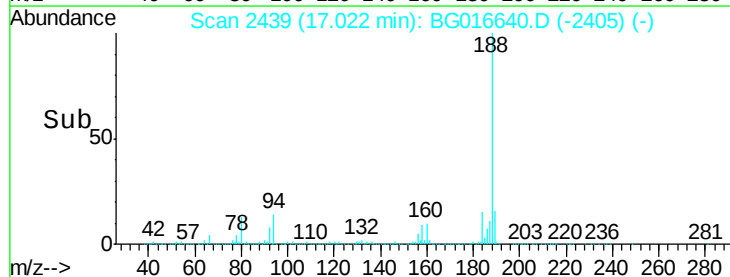
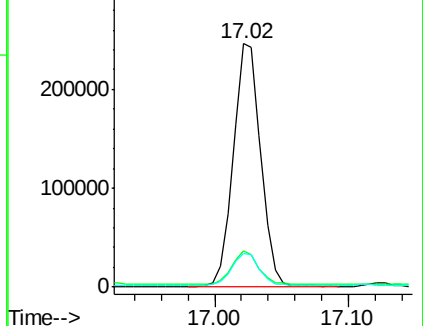
80 14.0 10.6 16.0

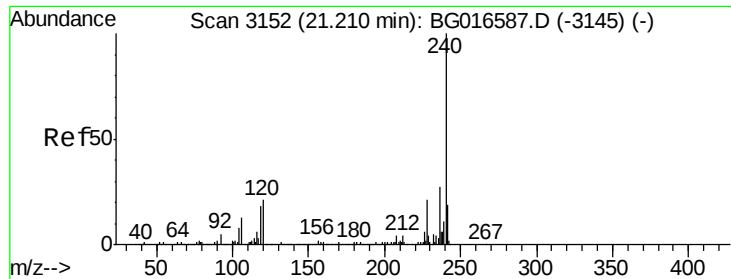


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampleId :

S8-0435

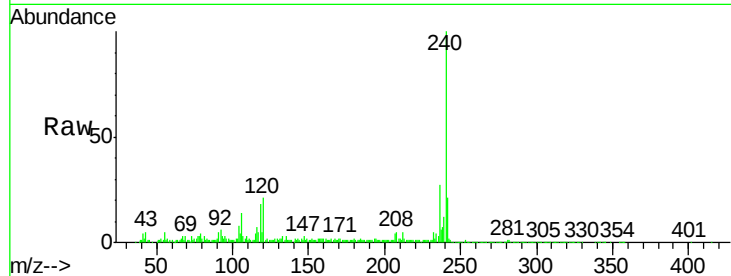
Tot Ion:240 Resp: 300818

Ion Ratio Lower Upper

240 100

120 20.6 16.7 25.1

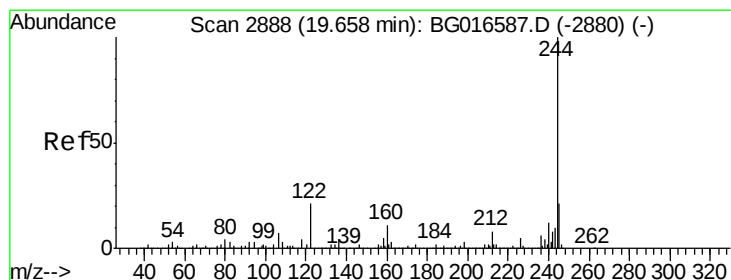
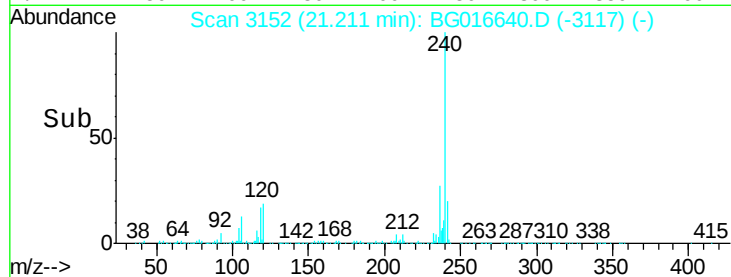
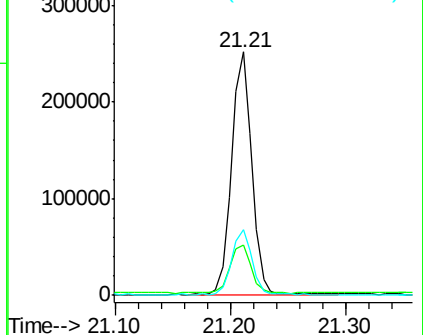
236 26.8 21.7 32.5



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: 63.00 ng

RT: 19.65 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

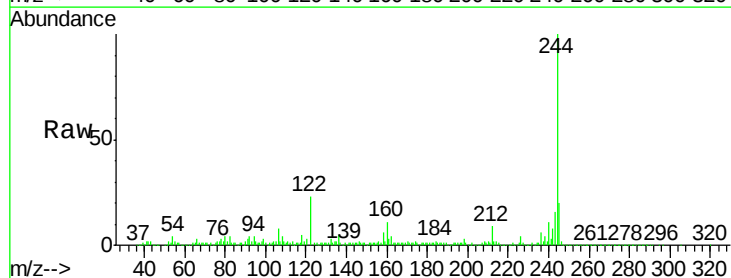
Tgt Ion:244 Resp: 786659

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

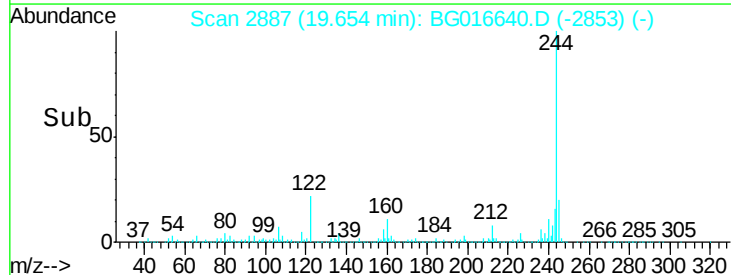
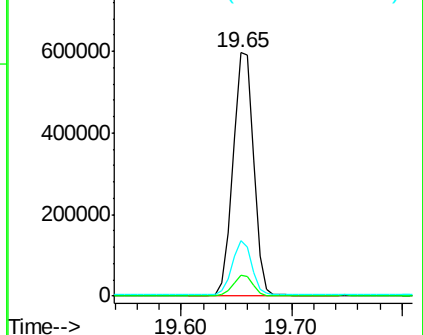
122 22.8 17.0 25.6

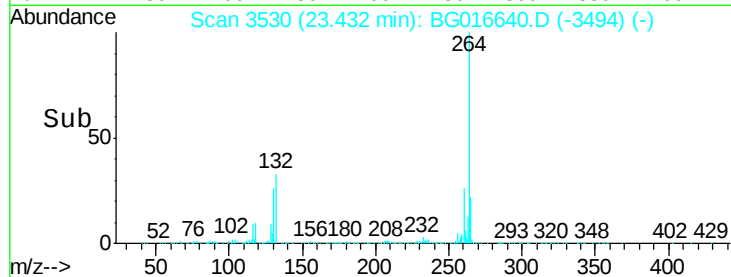
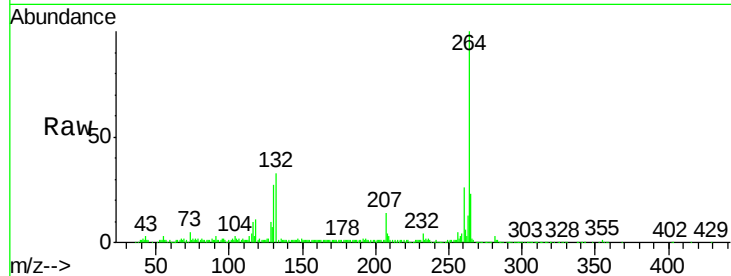
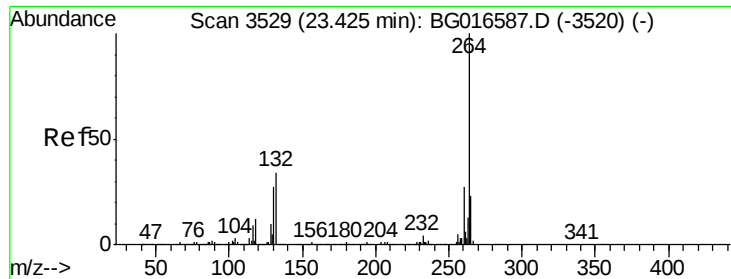


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.43 min Scan# 3530

Delta R.T. 0.01 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampleId :

S8-0435

Tot Ion:264 Resp: 289524

Ion Ratio Lower Upper

264 100

260 25.8 21.4 32.2

265 23.0 18.7 28.1

