

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016477.D
 Acq On : 17 Apr 2015 5:40
 Operator : TP/IZ
 Sample : G1765-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-2

Quant Time: Apr 17 07:28:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:57:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	94962	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	428878	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	236884	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	417166	20.00	ng	0.00
75) Chrysene-d12	21.25	240	196541	20.00	ng	0.02
86) Perylene-d12	23.52	264	220193	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	263958	43.87	ng	0.00
7) Phenol-d6	6.85	99	368539	40.80	ng	0.00
23) Nitrobenzene-d5	8.82	82	207306	28.00	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	73238	45.72	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	476845	34.27	ng	0.00
78) Terphenyl-d14	19.69	244	352455	41.97	ng	0.00

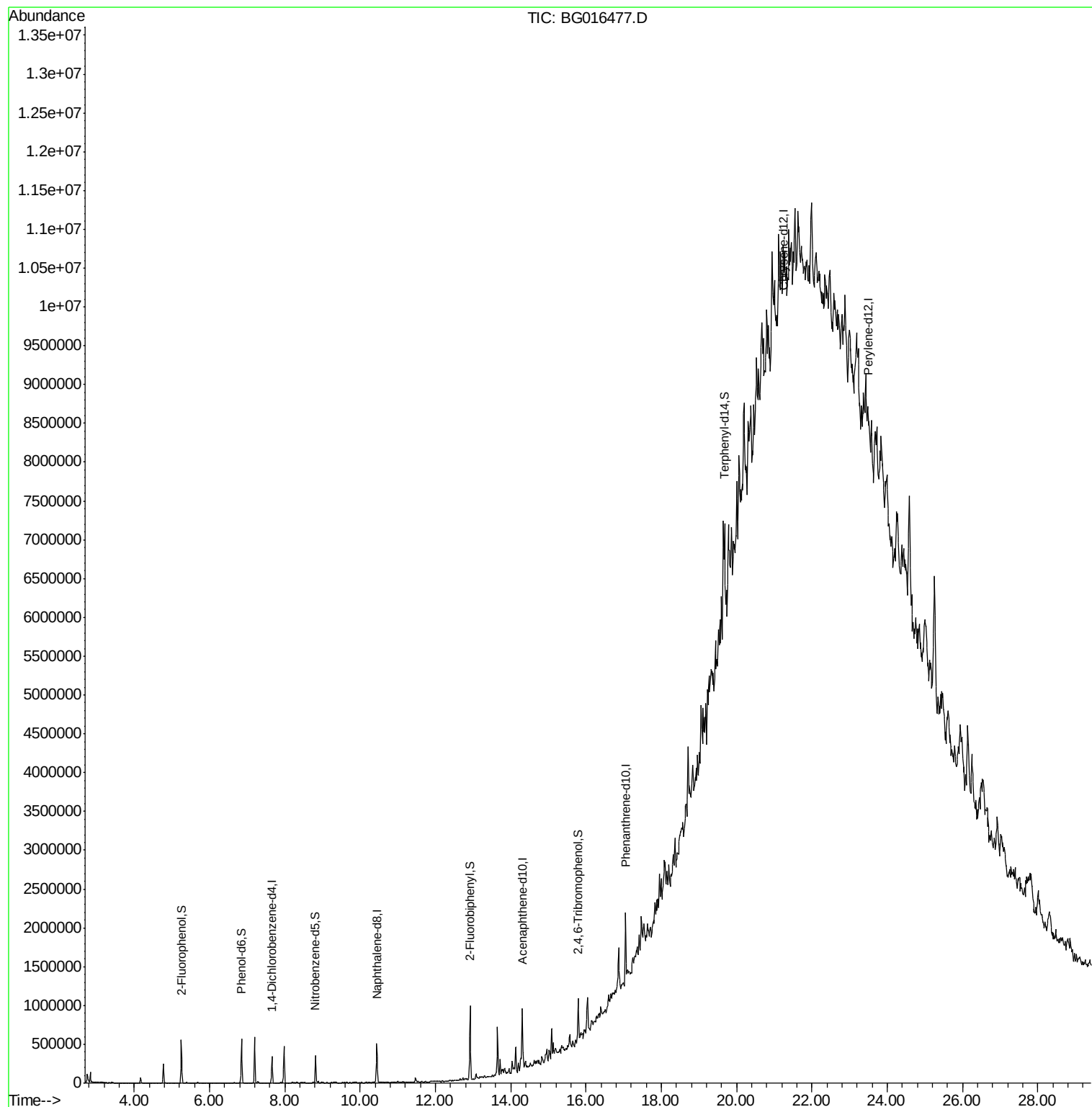
Target Compounds	Qvalue
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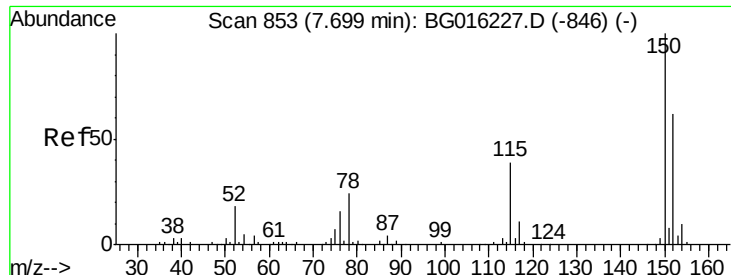
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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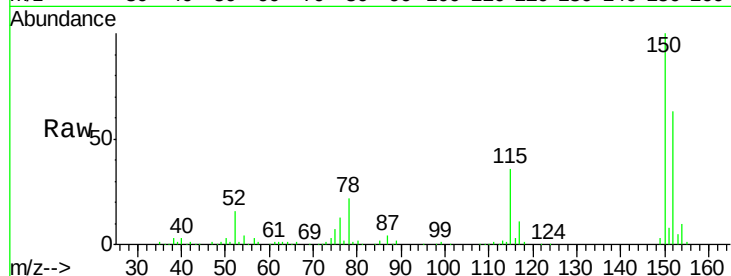


#1

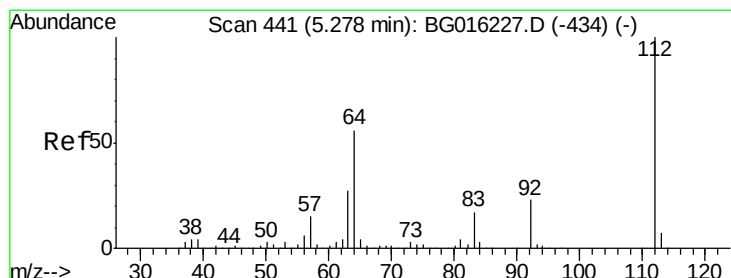
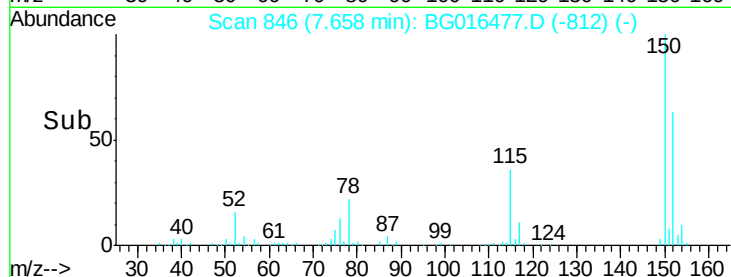
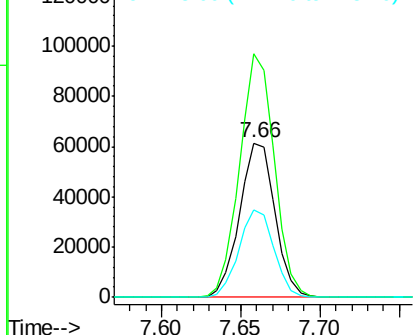
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG016477.D
Acq: 17 Apr 2015 5:40

Instrument :
BNA_G
ClientSampleId :
AS-2

Tgt Ion:152 Resp: 94962
Ion Ratio Lower Upper
152 100
150 157.9 130.1 195.1
115 56.5 50.5 75.7



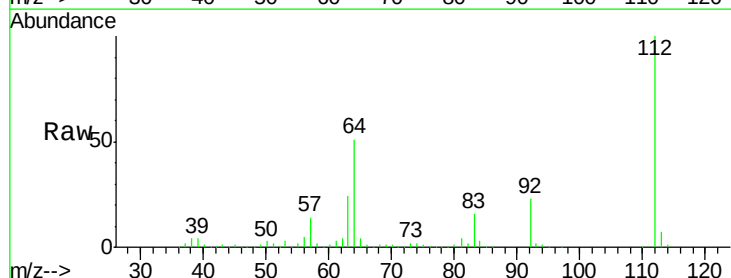
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



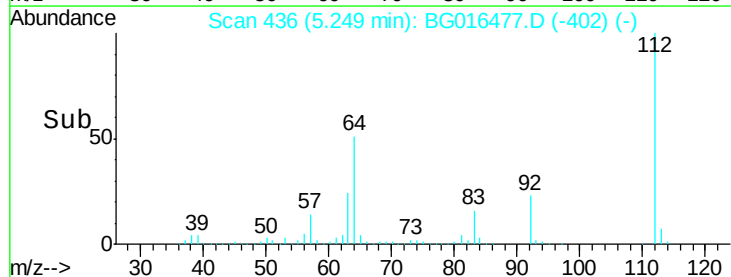
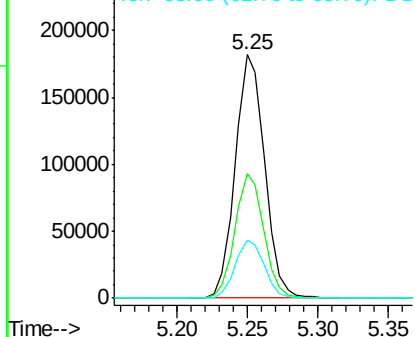
#5

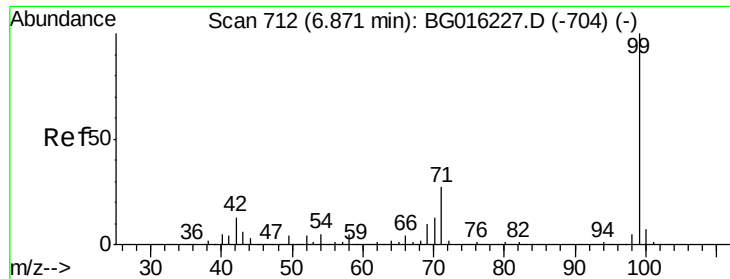
2-Fluorophenol
Concen: 43.87 ng
RT: 5.25 min Scan# 436
Delta R.T. -0.00 min
Lab File: BG016477.D
Acq: 17 Apr 2015 5:40

Tgt Ion:112 Resp: 263958
Ion Ratio Lower Upper
112 100
64 51.2 44.5 66.7
63 23.9 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 40.80 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016477.D

Acq: 17 Apr 2015 5:40

Instrument :

BNA_G

ClientSampleId :

AS-2

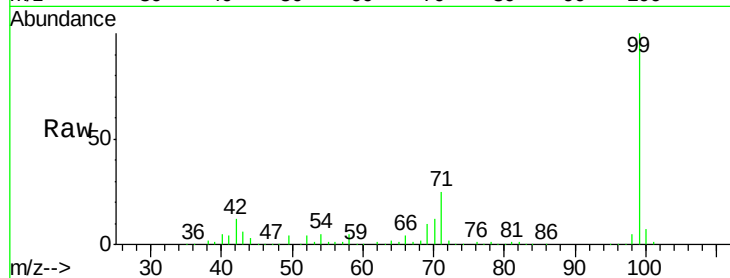
Tgt Ion: 99 Resp: 368539

Ion Ratio Lower Upper

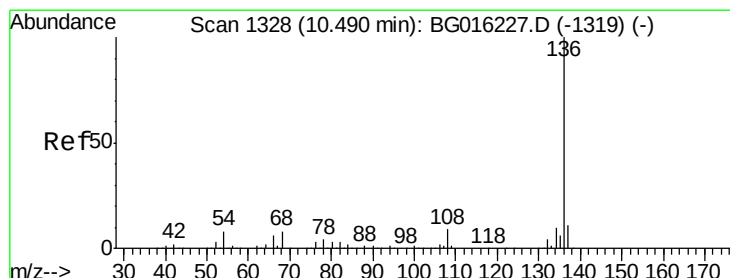
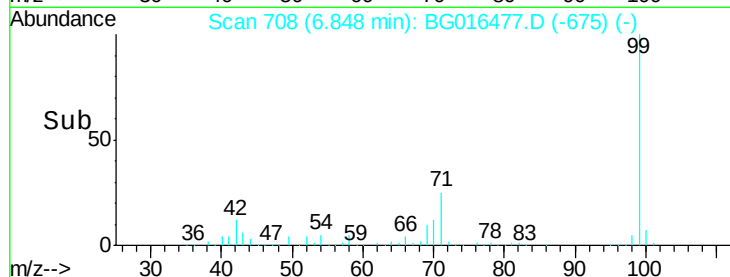
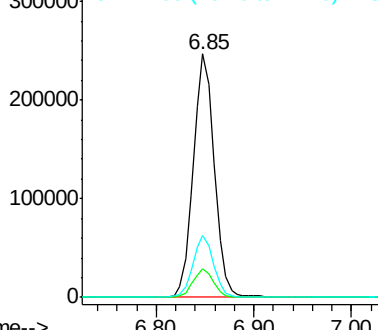
99 100

42 11.6 10.0 15.0

71 25.2 21.5 32.3



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: 10.44 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG016477.D

Acq: 17 Apr 2015 5:40

Tgt Ion: 136 Resp: 428878

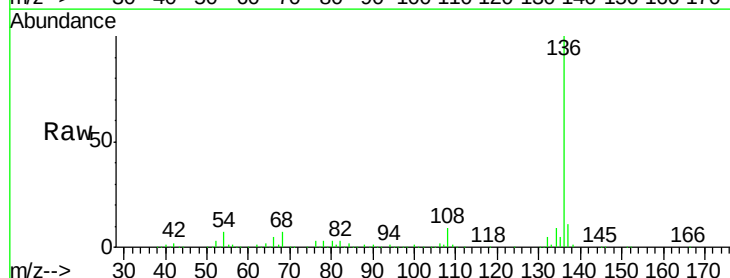
Ion Ratio Lower Upper

136 100

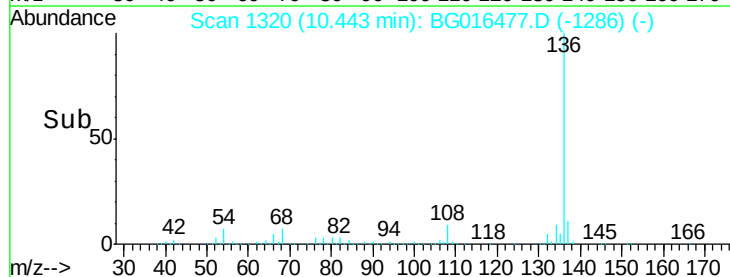
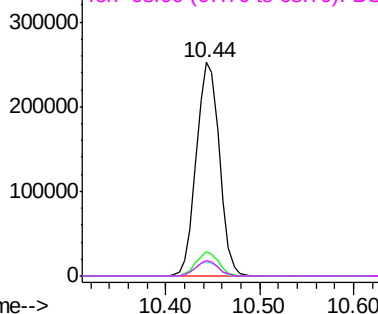
137 11.3 8.7 13.1

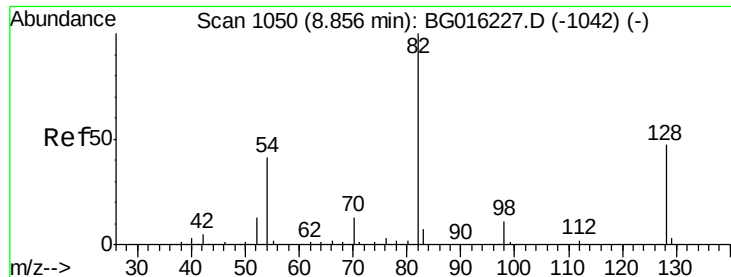
54 6.7 6.3 9.5

68 7.2 6.5 9.7



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

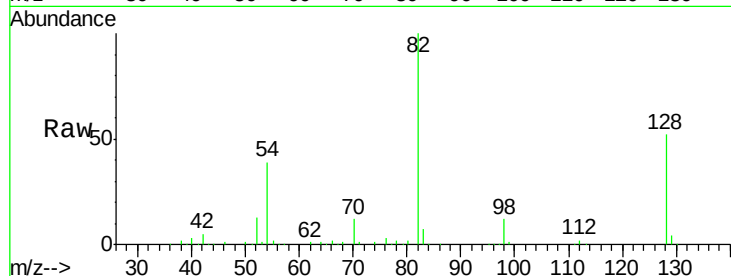




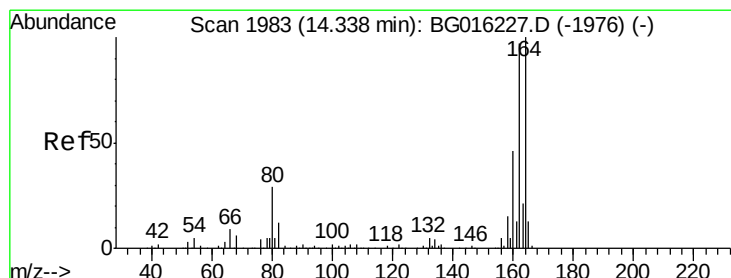
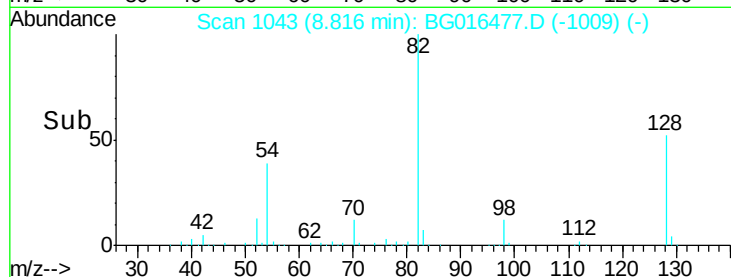
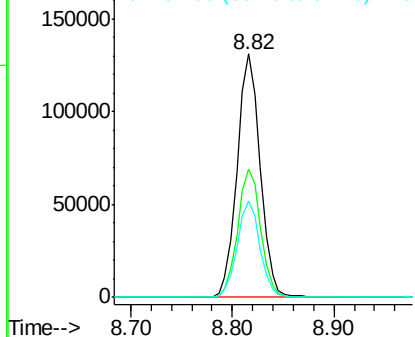
#23
Nitrobenzene-d5
Concen: 28.00 ng
RT: 8.82 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG016477.D
Acq: 17 Apr 2015 5:40

Instrument :
BNA_G
ClientSampleId :
AS-2

Tgt Ion: 82 Resp: 207306
Ion Ratio Lower Upper
82 100
128 52.5 37.8 56.8
54 39.5 32.6 49.0

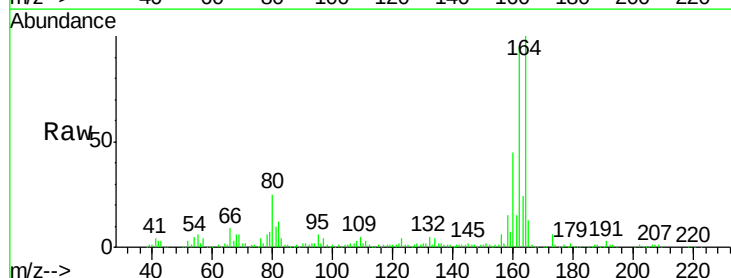


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

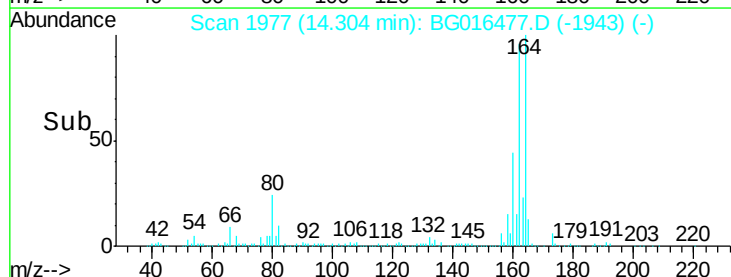
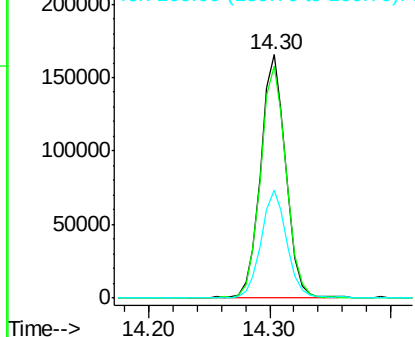


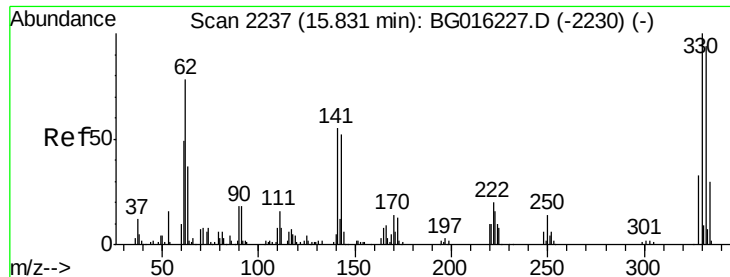
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG016477.D
Acq: 17 Apr 2015 5:40

Tgt Ion: 164 Resp: 236884
Ion Ratio Lower Upper
164 100
162 95.4 77.3 115.9
160 44.5 36.7 55.1



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

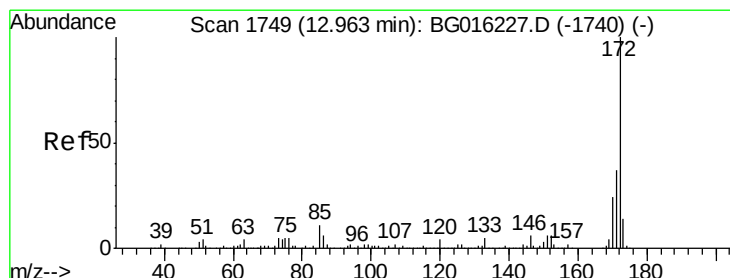
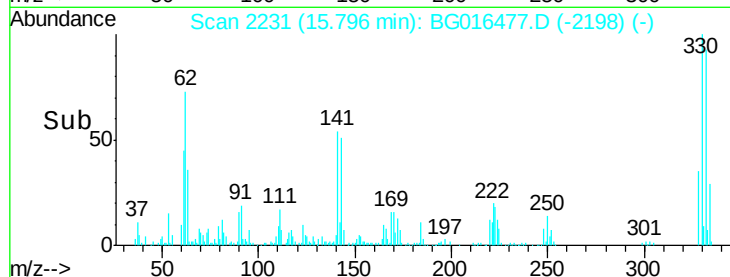
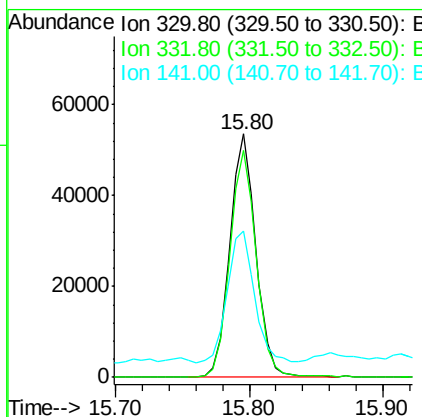
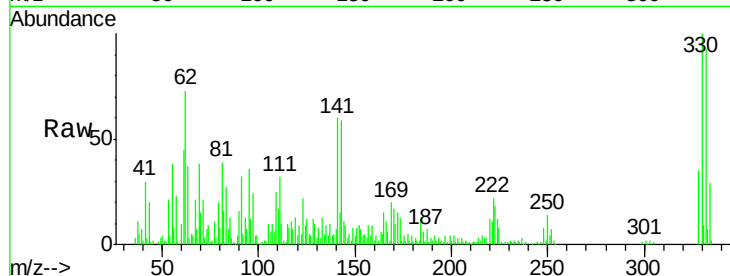




#41
 2,4,6-Tribromophenol
 Concen: 45.72 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG016477.D
 Acq: 17 Apr 2015 5:40

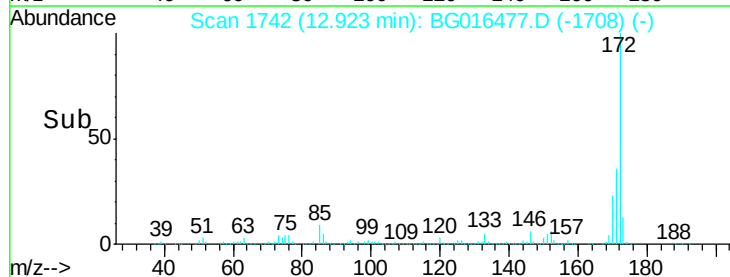
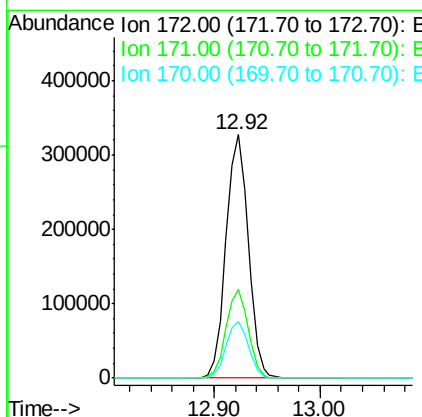
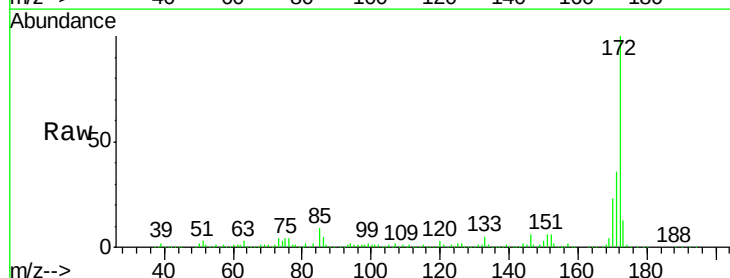
Instrument :
 BNA_G
 ClientSampleId :
 AS-2

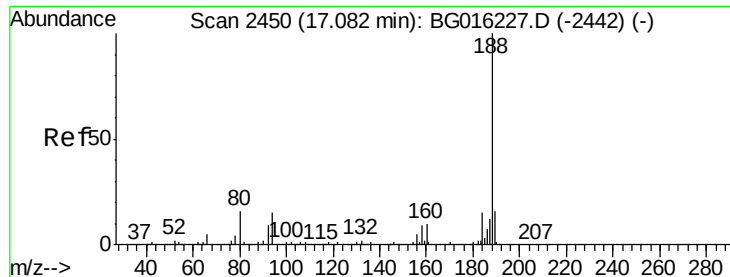
Tgt Ion:330 Resp: 73238
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.8 113.6
 141 56.9 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 34.27 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG016477.D
 Acq: 17 Apr 2015 5:40

Tgt Ion:172 Resp: 476845
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.2 19.4 29.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG016477.D

Acq: 17 Apr 2015 5:40

Instrument :

BNA_G

ClientSampleId :

AS-2

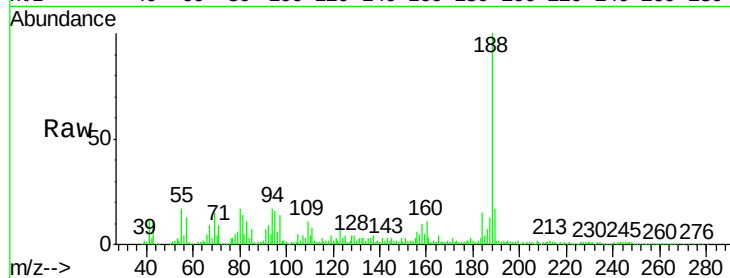
Tgt Ion:188 Resp: 417166

Ion Ratio Lower Upper

188 100

94 16.9 12.2 18.4

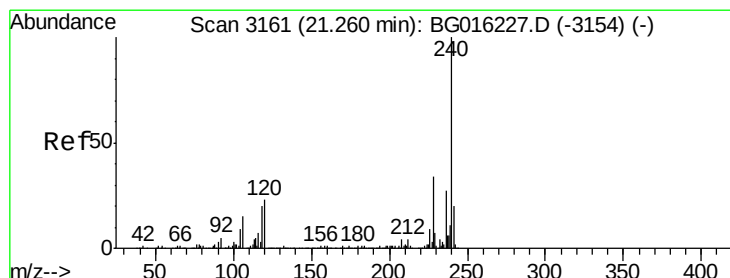
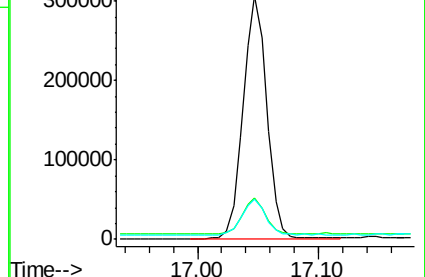
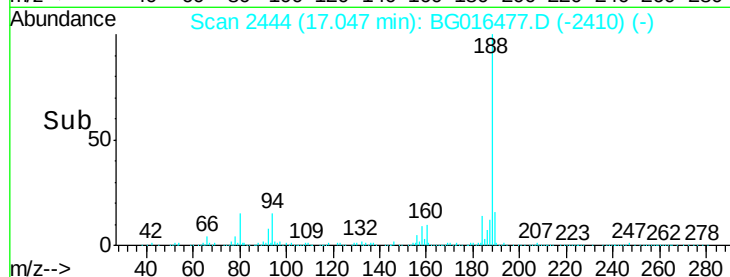
80 16.5 12.8 19.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3159

Delta R.T. 0.02 min

Lab File: BG016477.D

Acq: 17 Apr 2015 5:40

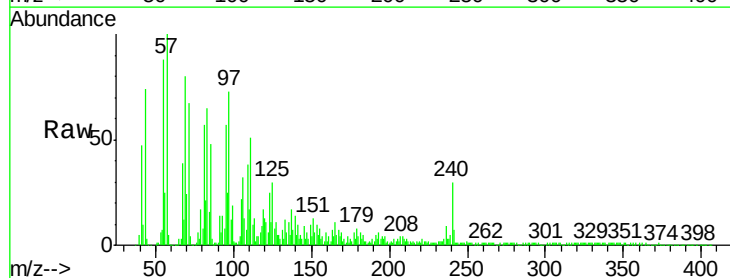
Tgt Ion:240 Resp: 196541

Ion Ratio Lower Upper

240 100

120 44.4 18.6 28.0#

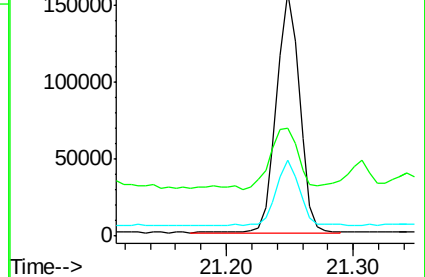
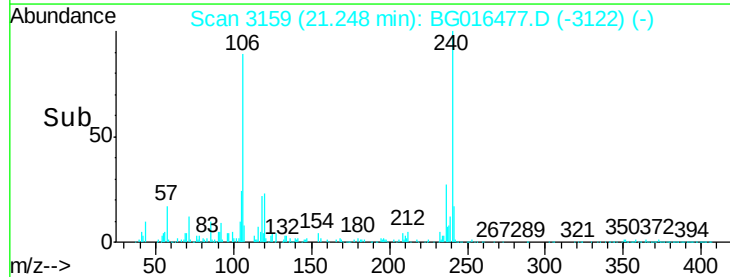
236 31.1 21.7 32.5

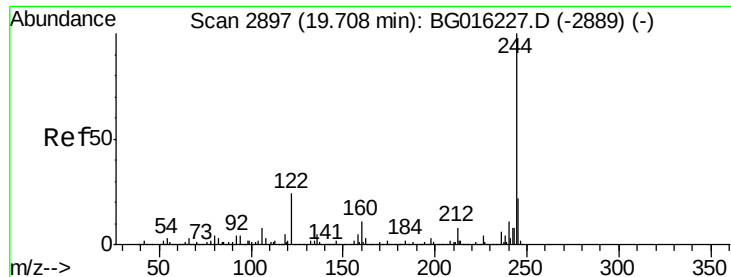


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 41.97 ng

RT: 19.69 min Scan# 2893

Delta R.T. 0.01 min

Lab File: BG016477.D

Acq: 17 Apr 2015 5:40

Instrument :

BNA_G

ClientSampleId :

AS-2

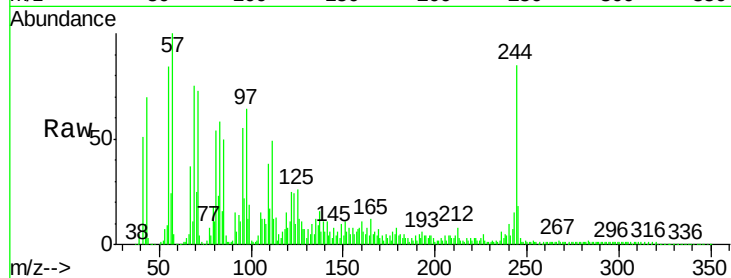
Tgt Ion:244 Resp: 352455

Ion Ratio Lower Upper

244 100

212 9.4 6.6 9.8

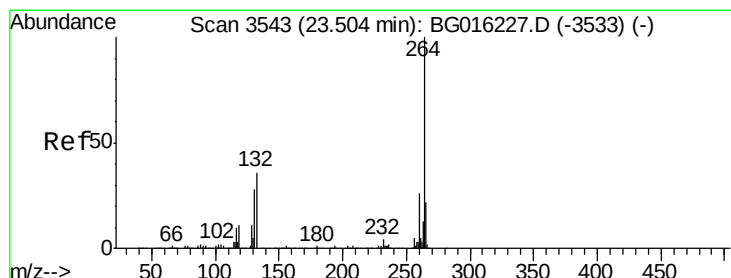
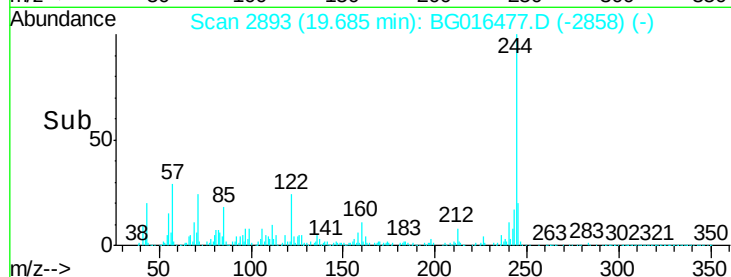
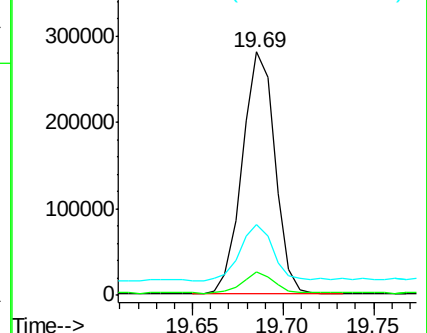
122 29.0 19.1 28.7#



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: 23.52 min Scan# 3545

Delta R.T. 0.05 min

Lab File: BG016477.D

Acq: 17 Apr 2015 5:40

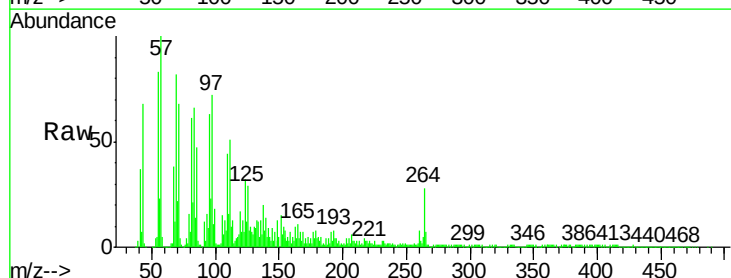
Tgt Ion:264 Resp: 220193

Ion Ratio Lower Upper

264 100

260 26.9 20.4 30.6

265 23.8 17.2 25.8



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

