

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016427.D
 Acq On : 15 Apr 2015 17:35
 Operator : TP/IZ
 Sample : G1849-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-04

Quant Time: Apr 16 03:22:17 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	71259	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	323173	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	195462	20.00	ng	-0.01
63) Phenanthrene-d10	17.05	188	439529	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	385708	20.00	ng	-0.01
86) Perylene-d12	23.47	264	356230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	187156	41.45	ng	-0.01
7) Phenol-d6	6.85	99	165452	24.41	ng	-0.01
23) Nitrobenzene-d5	8.82	82	381829	68.44	ng	-0.01
41) 2,4,6-Tribromophenol	15.80	330	120268	90.98	ng	-0.01
44) 2-Fluorobiphenyl	12.93	172	838972	73.08	ng	-0.01
78) Terphenyl-d14	19.68	244	1020246	61.91	ng	0.00

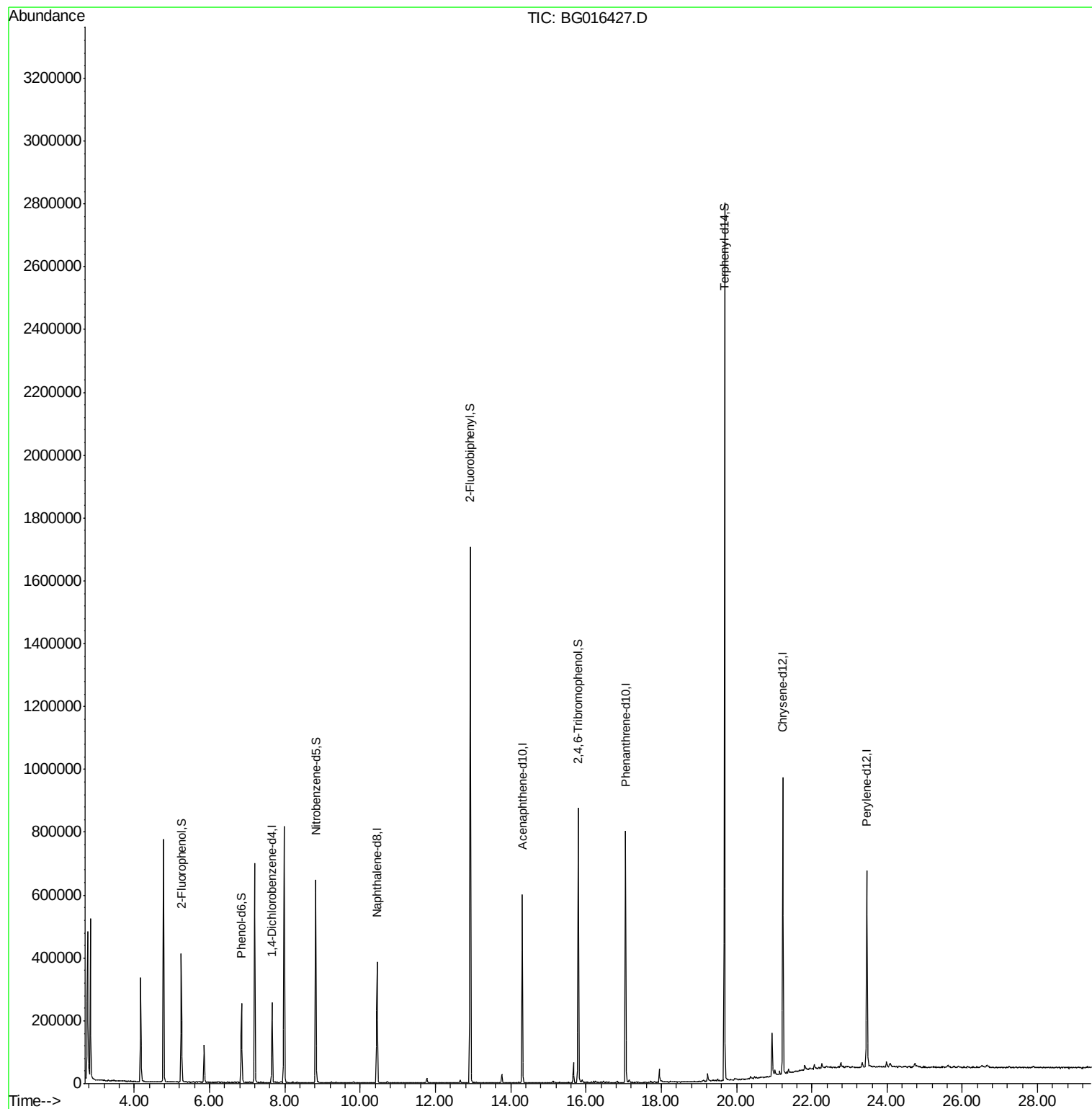
Target Compounds	Qvalue
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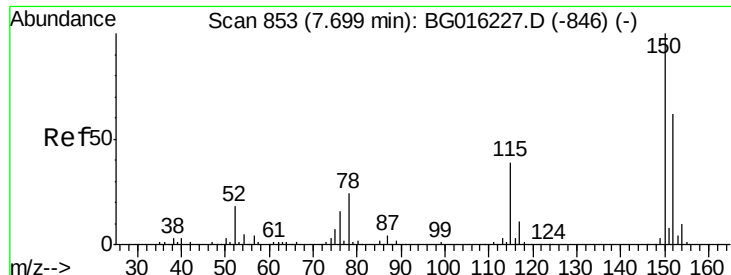
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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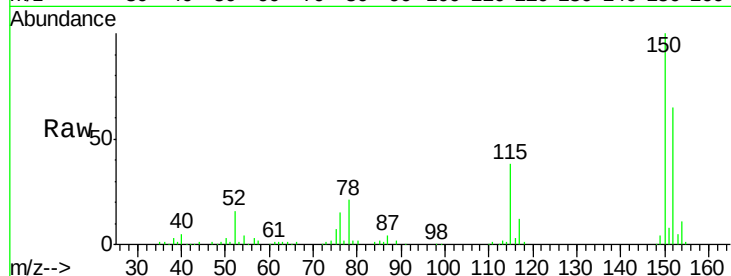


#1

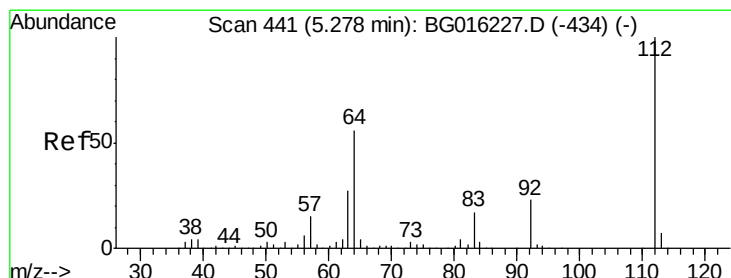
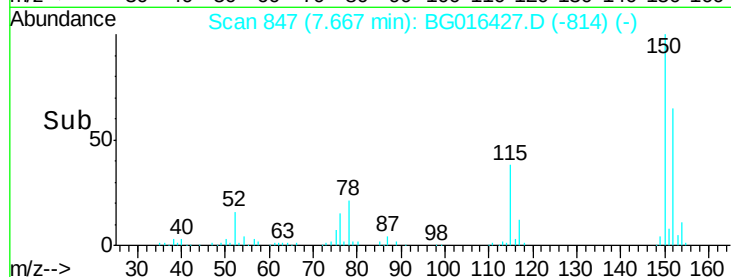
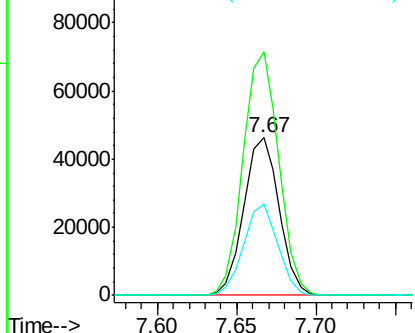
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.67 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016427.D
 Acq: 15 Apr 2015 17:35

Instrument :
 BNA_G
 ClientSampleId :
 TWP-04

Tgt Ion:152 Resp: 71259
 Ion Ratio Lower Upper
 152 100
 150 154.6 130.1 195.1
 115 58.4 50.5 75.7



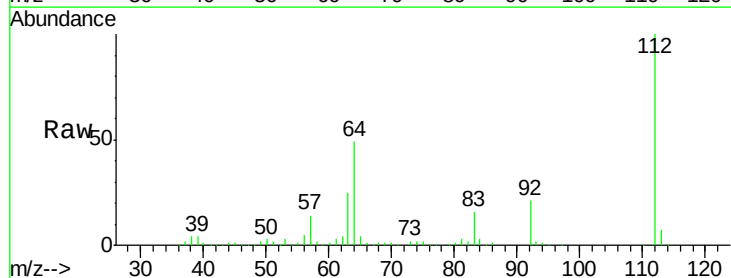
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



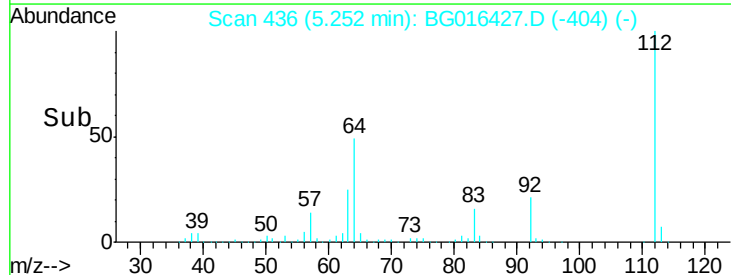
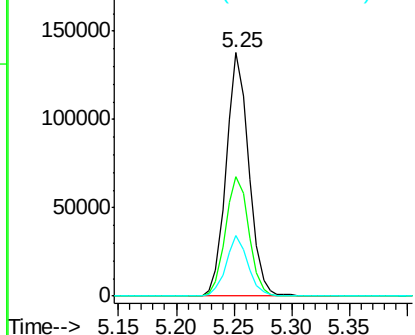
#5

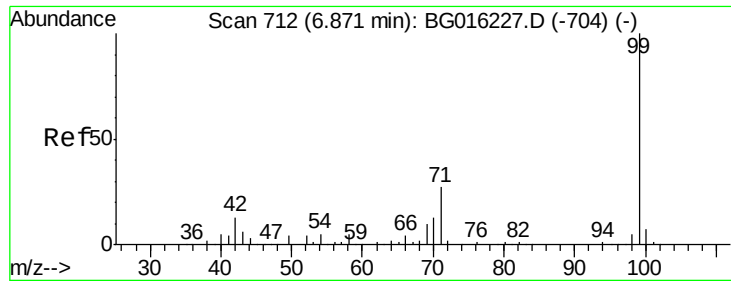
2-Fluorophenol
 Concen: 41.45 ng
 RT: 5.25 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BG016427.D
 Acq: 15 Apr 2015 17:35

Tgt Ion:112 Resp: 187156
 Ion Ratio Lower Upper
 112 100
 64 48.8 44.5 66.7
 63 24.6 21.4 32.0



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: 24.41 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016427.D

Acq: 15 Apr 2015 17:35

Instrument :

BNA_G

ClientSampled :

TWP-04

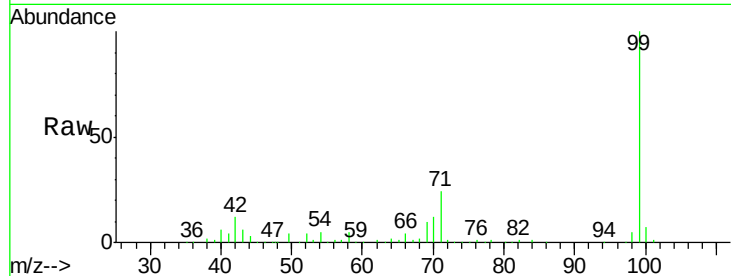
Tgt Ion: 99 Resp: 165452

Ion Ratio Lower Upper

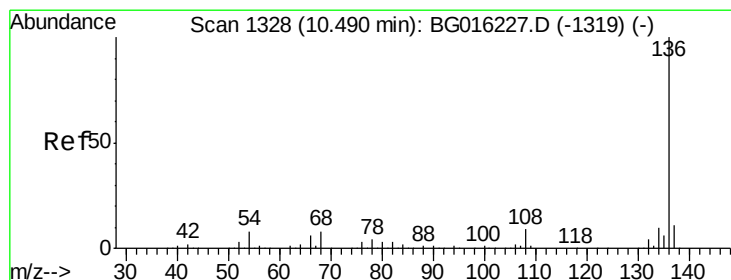
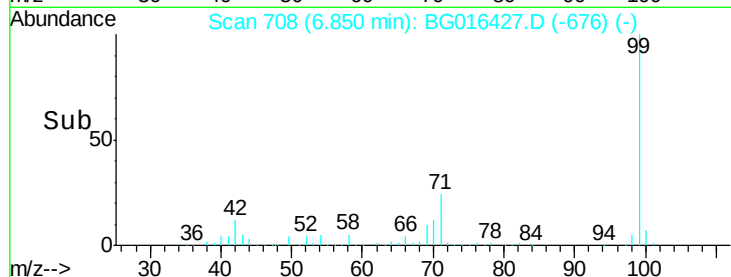
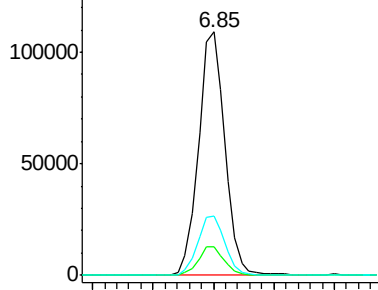
99 100

42 11.9 10.0 15.0

71 24.2 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: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG016427.D

Acq: 15 Apr 2015 17:35

Tgt Ion: 136 Resp: 323173

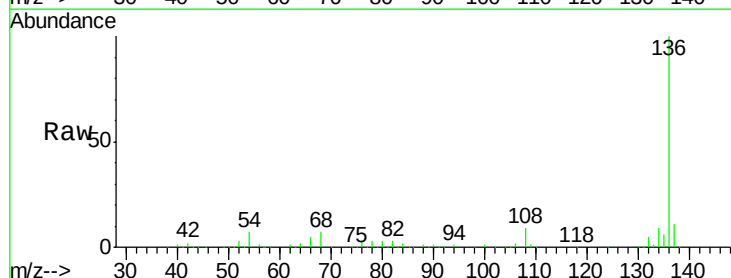
Ion Ratio Lower Upper

136 100

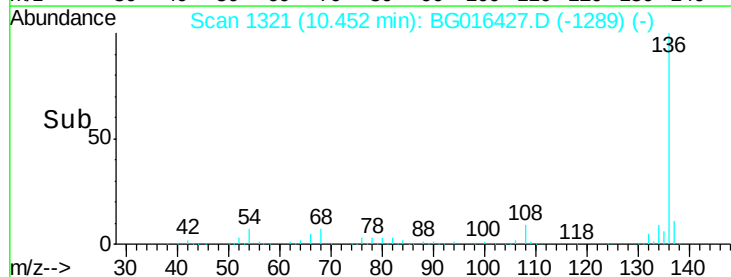
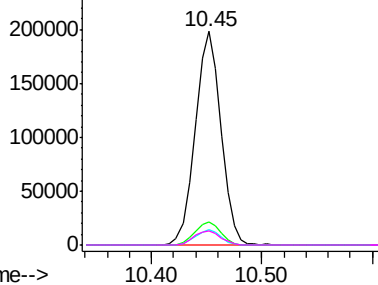
137 10.9 8.7 13.1

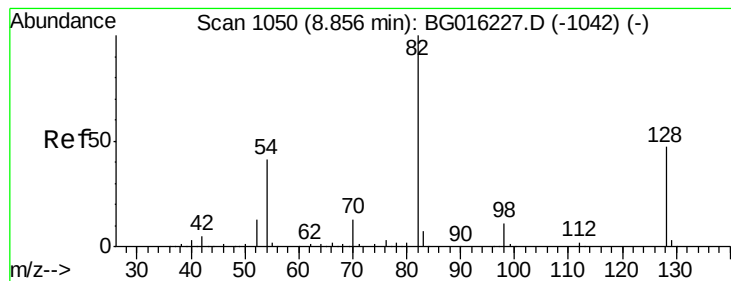
54 7.3 6.3 9.5

68 6.9 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: 68.44 ng

RT: 8.82 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG016427.D

Acq: 15 Apr 2015 17:35

Instrument :

BNA_G

ClientSampleId :

TWP-04

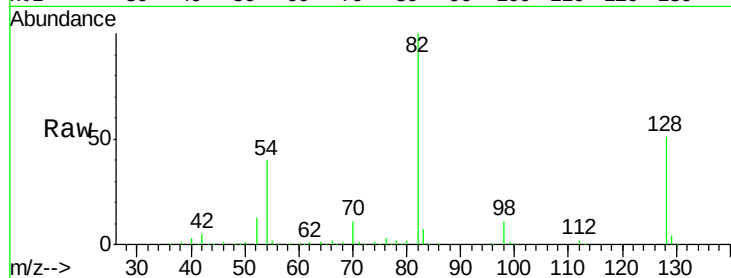
Tgt Ion: 82 Resp: 381829

Ion Ratio Lower Upper

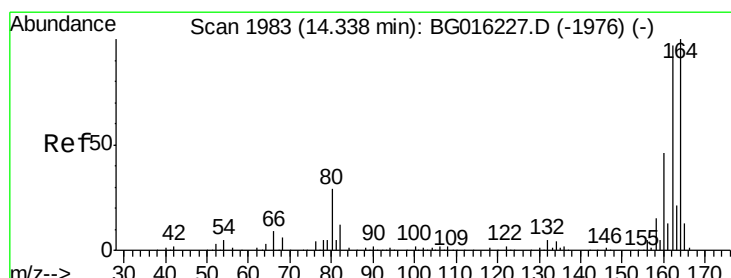
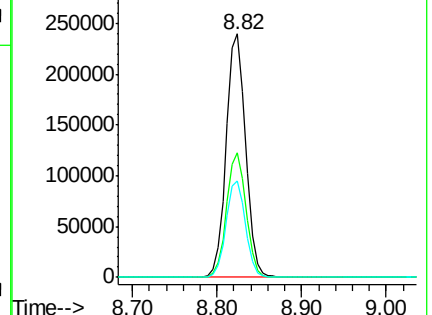
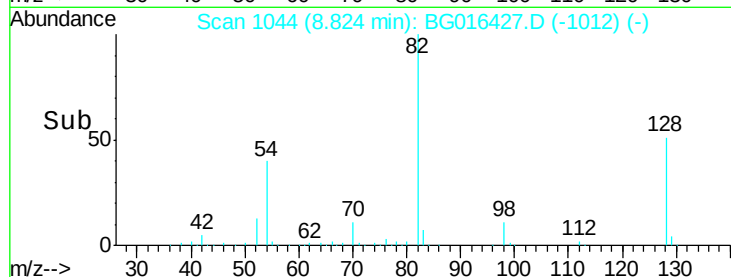
82 100

128 51.4 37.8 56.8

54 39.7 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: 14.31 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG016427.D

Acq: 15 Apr 2015 17:35

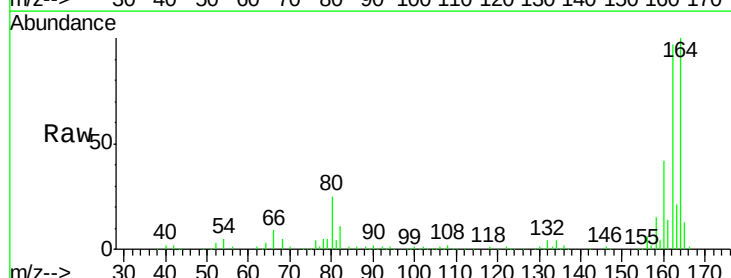
Tgt Ion: 164 Resp: 195462

Ion Ratio Lower Upper

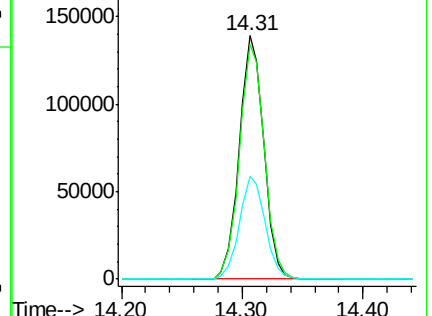
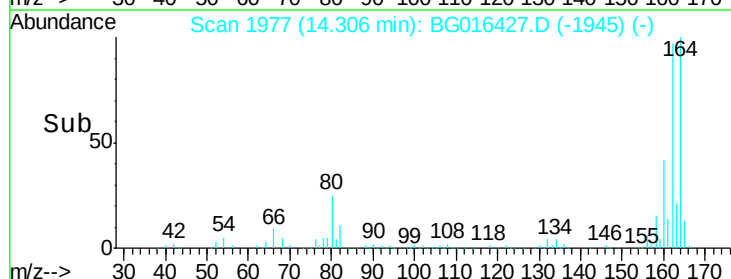
164 100

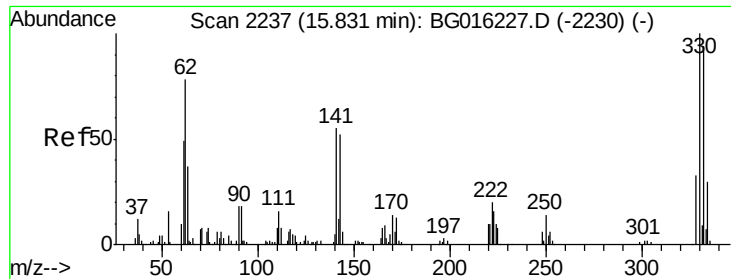
162 96.6 77.3 115.9

160 42.3 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: 90.98 ng

RT: 15.80 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BG016427.D

Acq: 15 Apr 2015 17:35

Instrument :

BNA_G

ClientSampleId :

TWP-04

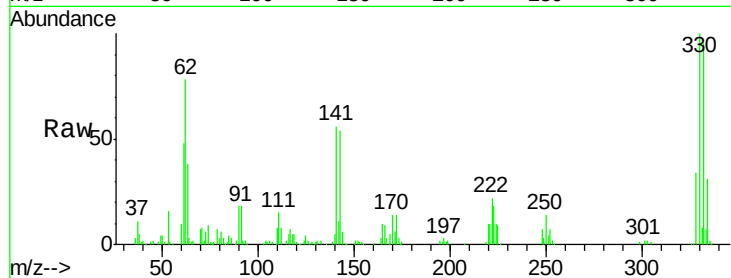
Tgt Ion:330 Resp: 120268

Ion Ratio Lower Upper

330 100

332 96.9 75.8 113.6

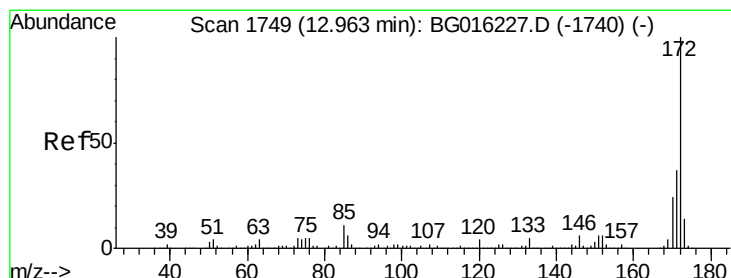
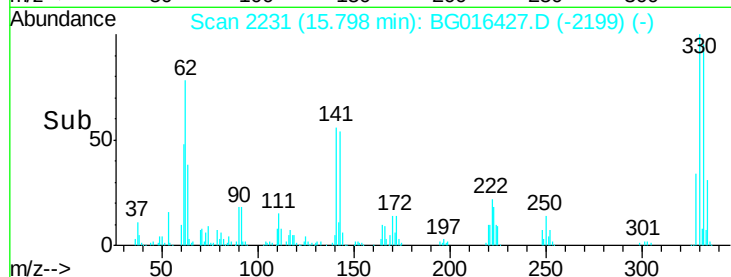
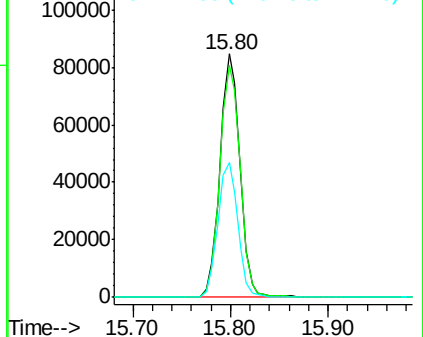
141 55.6 46.6 69.8



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: 73.08 ng

RT: 12.93 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG016427.D

Acq: 15 Apr 2015 17:35

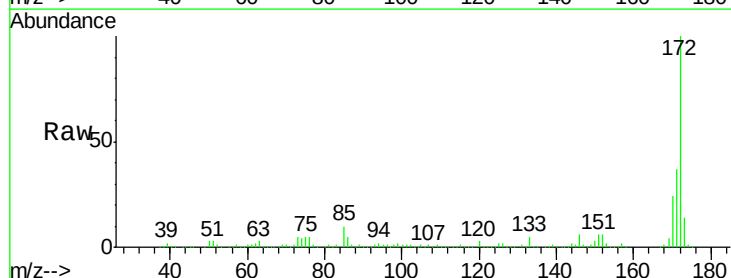
Tgt Ion:172 Resp: 838972

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

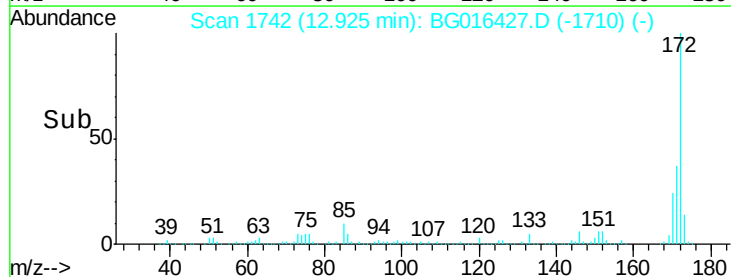
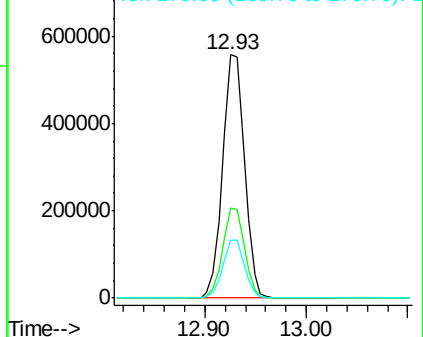
170 23.6 19.4 29.2

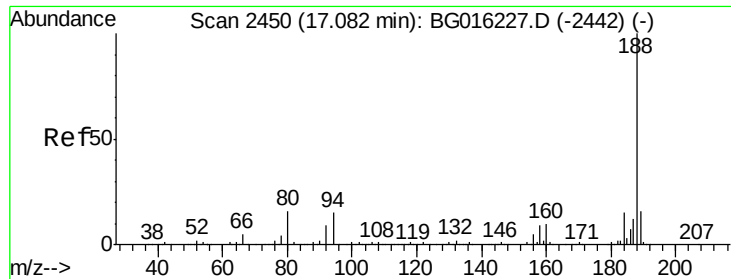


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

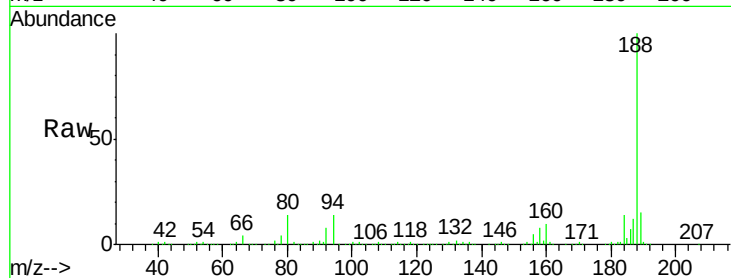




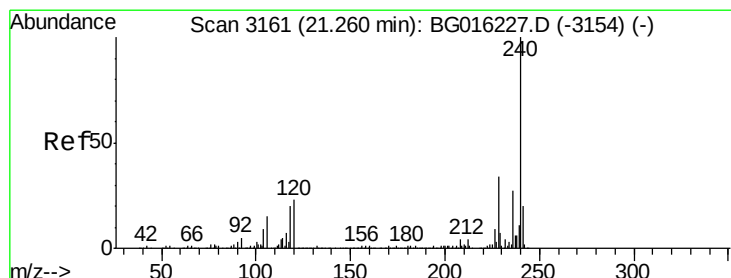
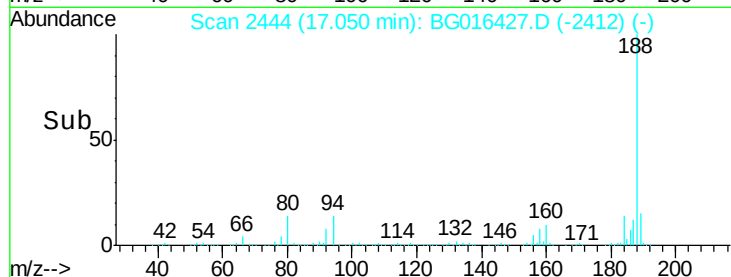
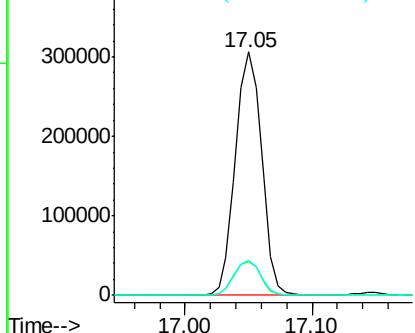
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG016427.D
Acq: 15 Apr 2015 17:35

Instrument :
BNA_G
ClientSampleId :
TWP-04

Tgt Ion:188 Resp: 439529
Ion Ratio Lower Upper
188 100
94 14.0 12.2 18.4
80 14.5 12.8 19.2

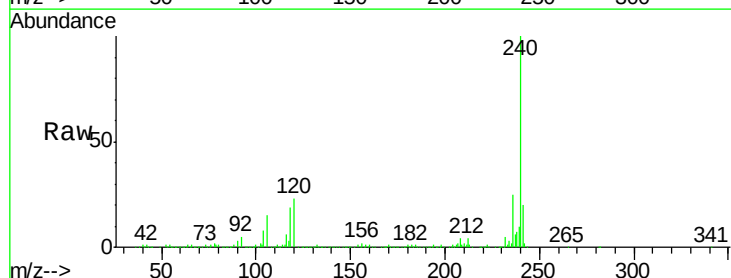


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

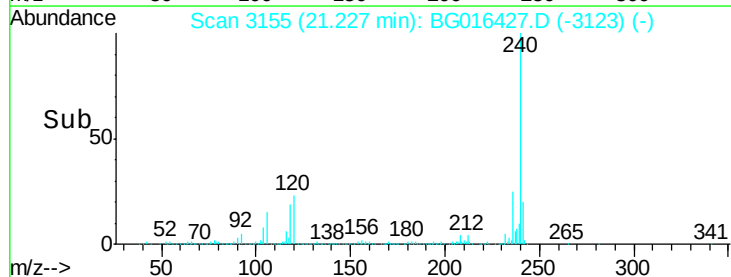
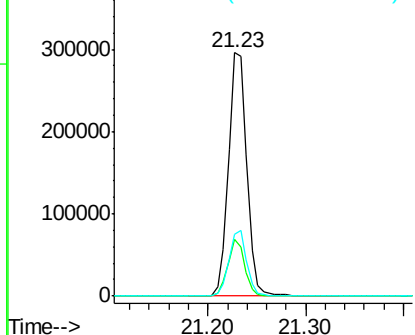


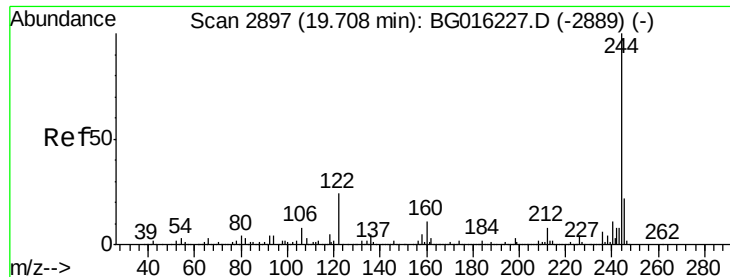
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016427.D
Acq: 15 Apr 2015 17:35

Tgt Ion:240 Resp: 385708
Ion Ratio Lower Upper
240 100
120 23.2 18.6 28.0
236 25.5 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: 61.91 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016427.D

Acq: 15 Apr 2015 17:35

Instrument :

BNA_G

ClientSampleId :

TWP-04

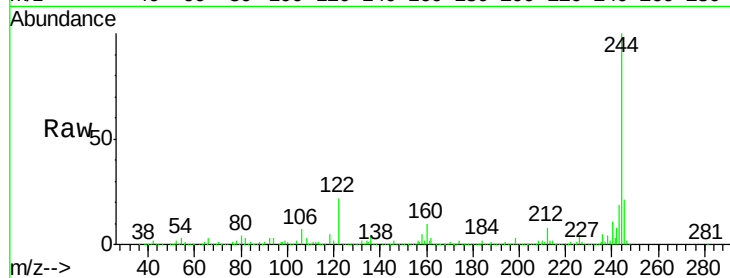
Tgt Ion:244 Resp: 1020246

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

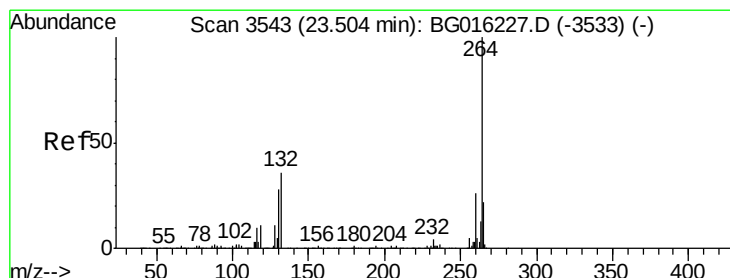
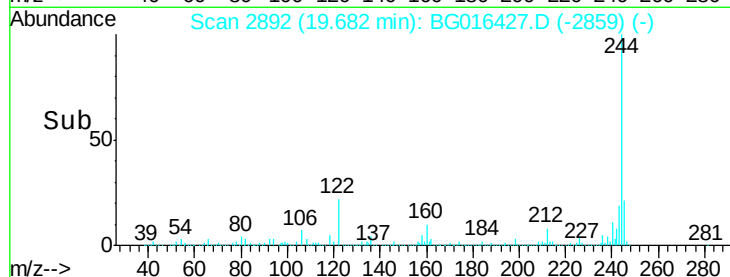
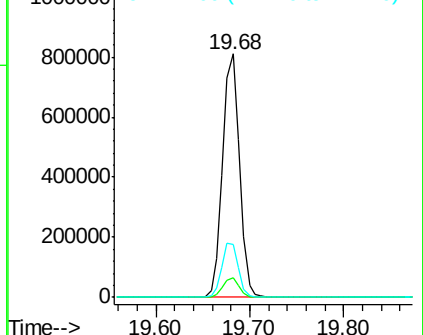
122 21.5 19.1 28.7



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: 23.47 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016427.D

Acq: 15 Apr 2015 17:35

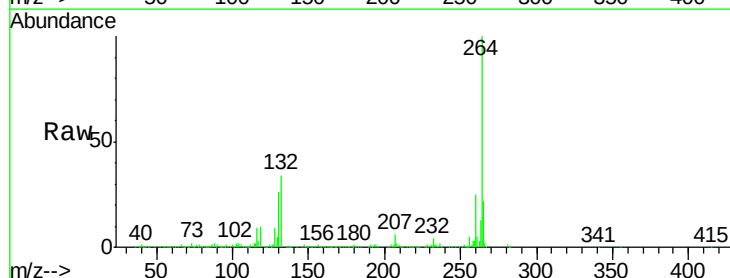
Tgt Ion:264 Resp: 356230

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

265 21.6 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

