

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016408.D
 Acq On : 14 Apr 2015 21:57
 Operator : TP/IZ
 Sample : G1848-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-2-22

Quant Time: Apr 15 03:39:55 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	62809	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	275114	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	159387	20.00	ng	-0.01
63) Phenanthrene-d10	17.05	188	337996	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	350009	20.00	ng	-0.01
86) Perylene-d12	23.46	264	315971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	268869	67.56	ng	-0.01
7) Phenol-d6	6.85	99	229279	38.38	ng	-0.01
23) Nitrobenzene-d5	8.83	82	457710	96.38	ng	-0.01
41) 2,4,6-Tribromophenol	15.80	330	173084	160.57	ng	-0.01
44) 2-Fluorobiphenyl	12.93	172	967263	103.32	ng	-0.01
78) Terphenyl-d14	19.68	244	1198721	80.16	ng	0.00

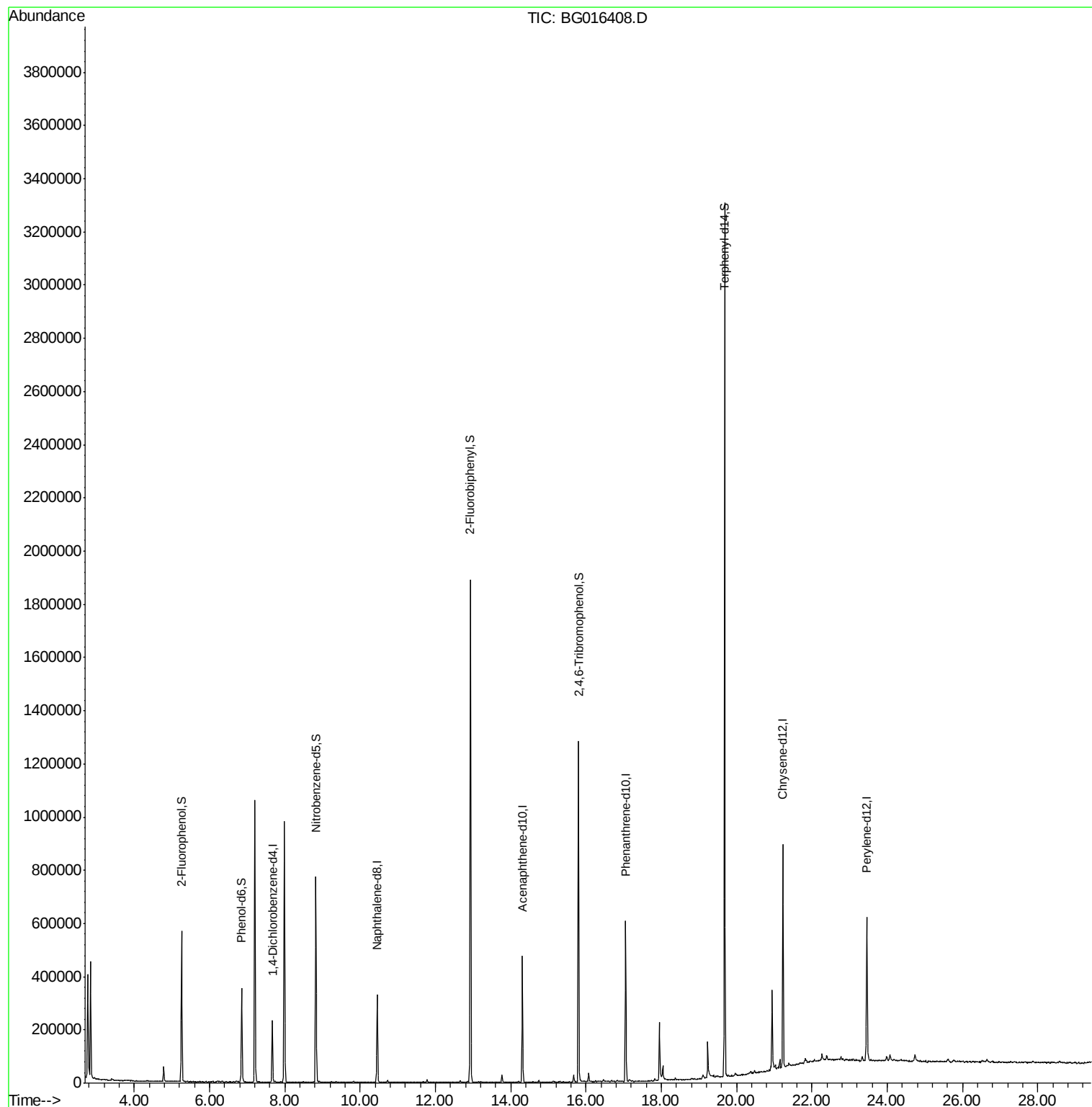
Target Compounds	Qvalue
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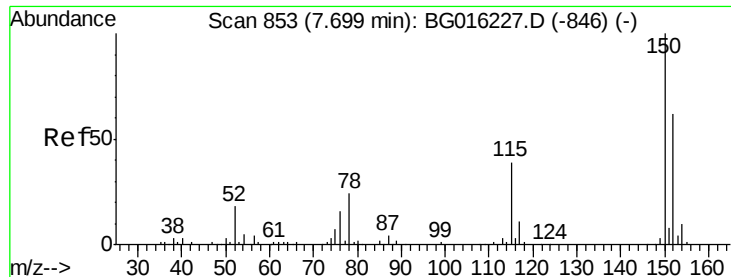
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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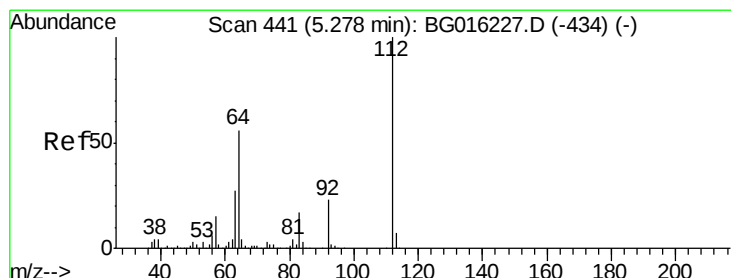
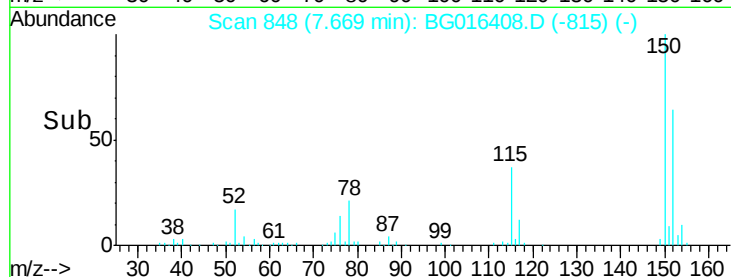
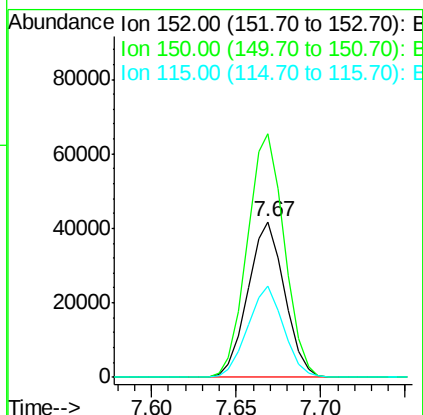
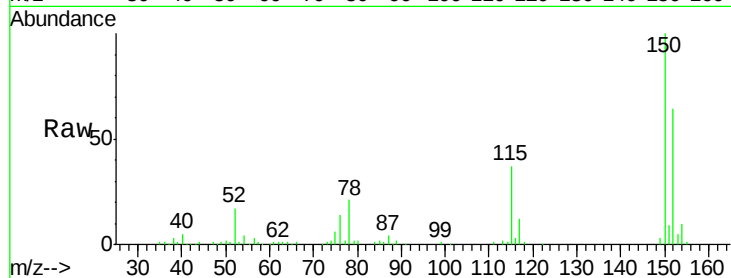


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG016408.D
Acq: 14 Apr 2015 21:57

Instrument :
BNA_G
ClientSampleId :
TE-PMW-2-22

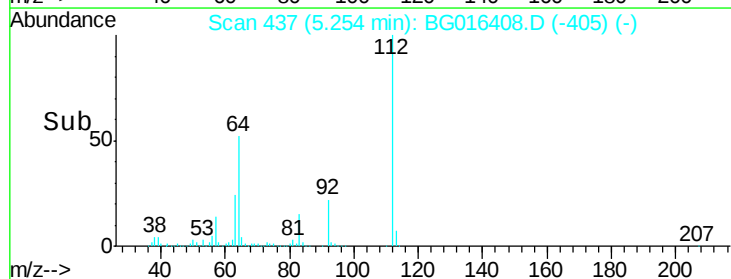
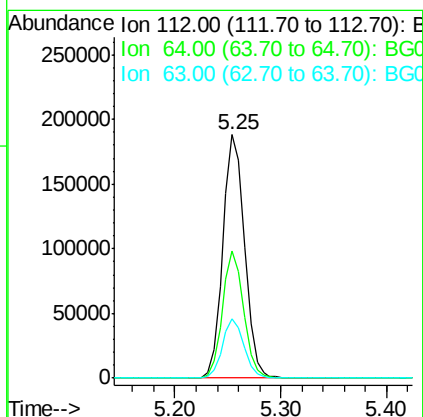
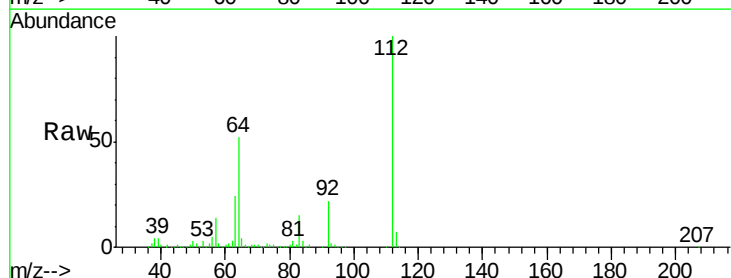
Tgt Ion:152 Resp: 62809
Ion Ratio Lower Upper
152 100
150 156.8 130.1 195.1
115 58.7 50.5 75.7

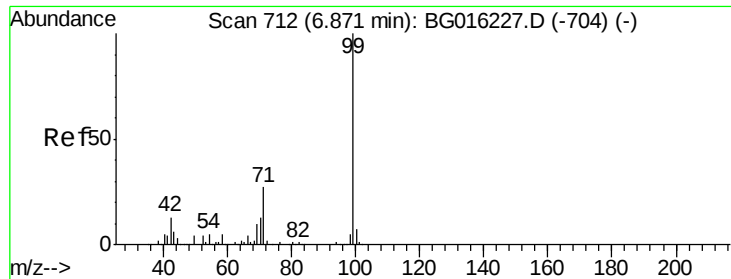


#5

2-Fluorophenol
Concen: 67.56 ng
RT: 5.25 min Scan# 437
Delta R.T. -0.01 min
Lab File: BG016408.D
Acq: 14 Apr 2015 21:57

Tgt Ion:112 Resp: 268869
Ion Ratio Lower Upper
112 100
64 52.2 44.5 66.7
63 24.3 21.4 32.0





#7

Phenol-d6

Concen: 38.38 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016408.D

Acq: 14 Apr 2015 21:57

Instrument :

BNA_G

ClientSampleId :

TE-PMW-2-22

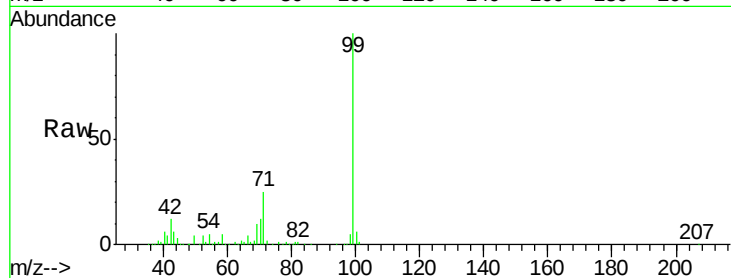
Tgt Ion: 99 Resp: 229279

Ion Ratio Lower Upper

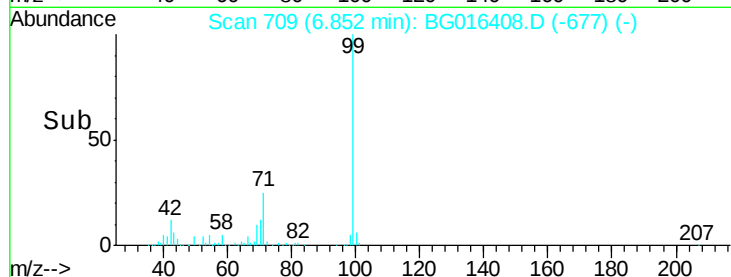
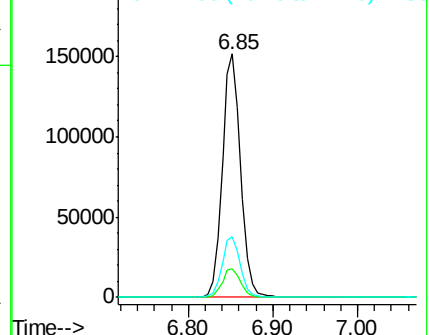
99 100

42 12.0 10.0 15.0

71 24.7 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# 1322

Delta R.T. -0.01 min

Lab File: BG016408.D

Acq: 14 Apr 2015 21:57

Tgt Ion: 136 Resp: 275114

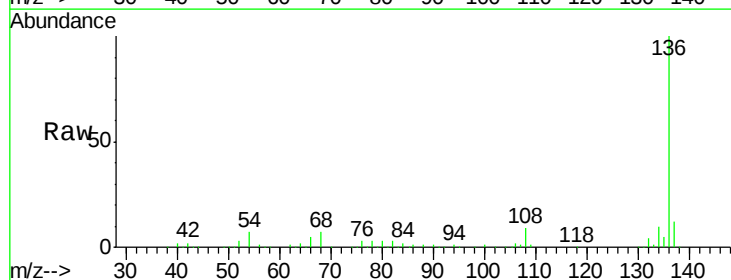
Ion Ratio Lower Upper

136 100

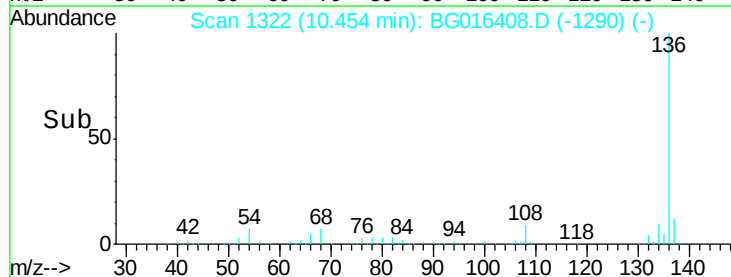
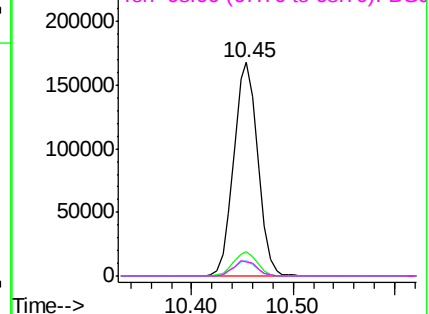
137 11.5 8.7 13.1

54 7.5 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: 96.38 ng

RT: 8.83 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG016408.D

Acq: 14 Apr 2015 21:57

Instrument :

BNA_G

ClientSampleId :

TE-PMW-2-22

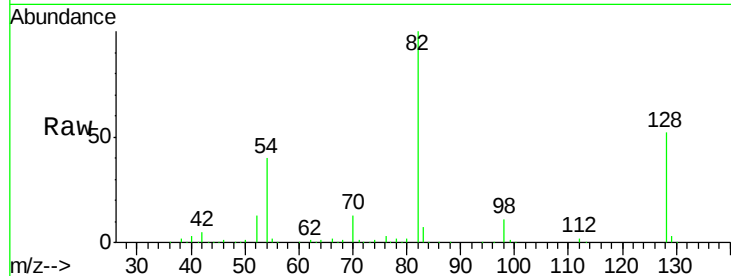
Tgt Ion: 82 Resp: 457710

Ion Ratio Lower Upper

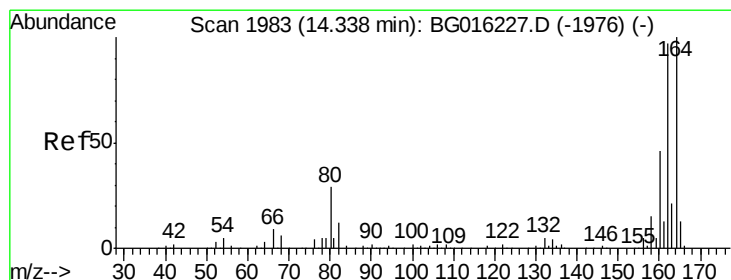
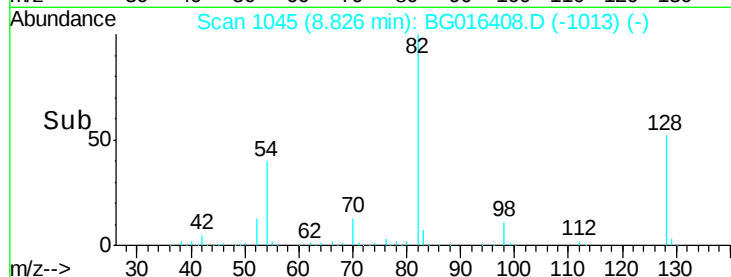
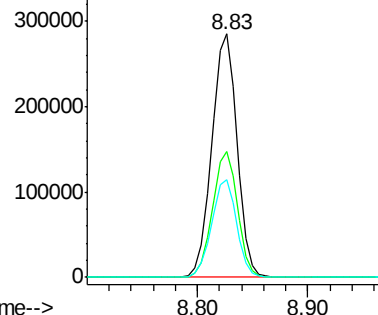
82 100

128 51.9 37.8 56.8

54 40.3 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# 1978

Delta R.T. -0.01 min

Lab File: BG016408.D

Acq: 14 Apr 2015 21:57

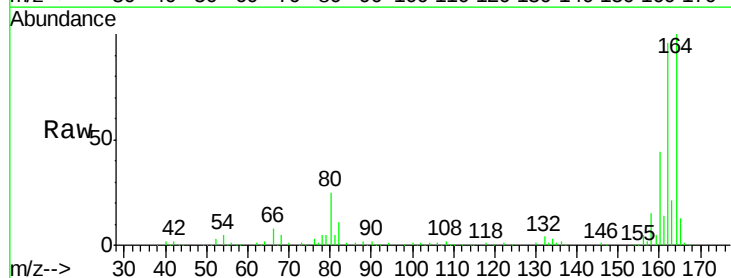
Tgt Ion: 164 Resp: 159387

Ion Ratio Lower Upper

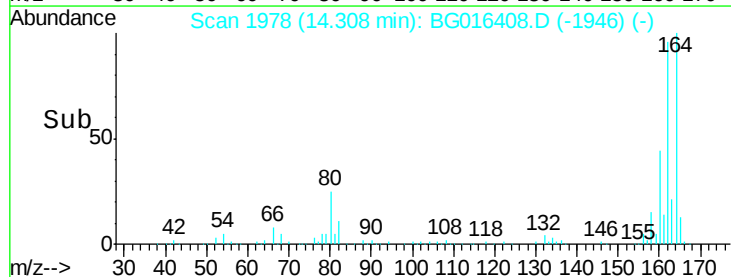
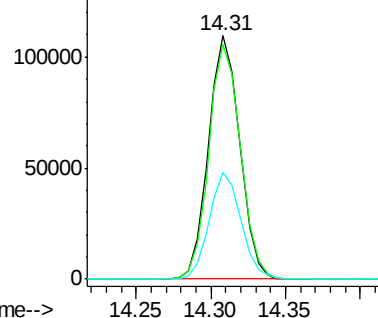
164 100

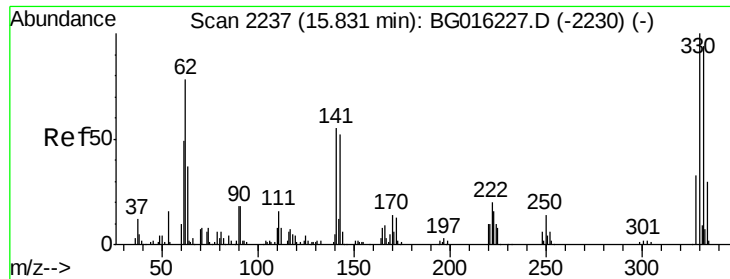
162 96.3 77.3 115.9

160 43.7 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

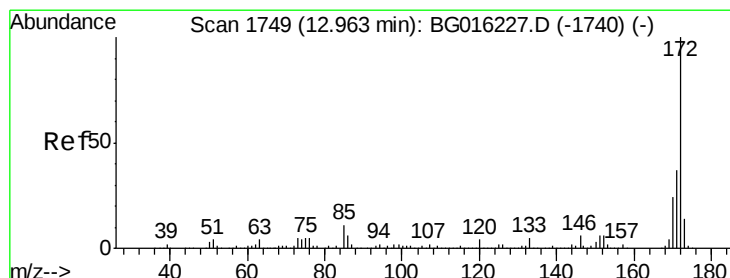
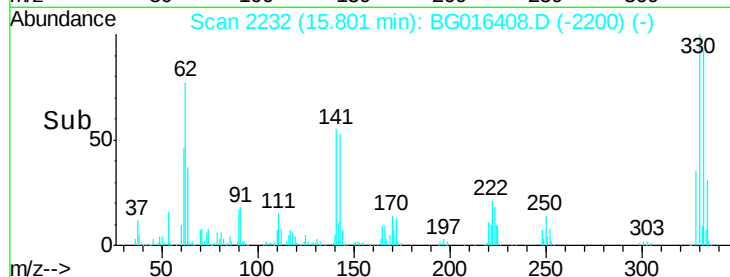
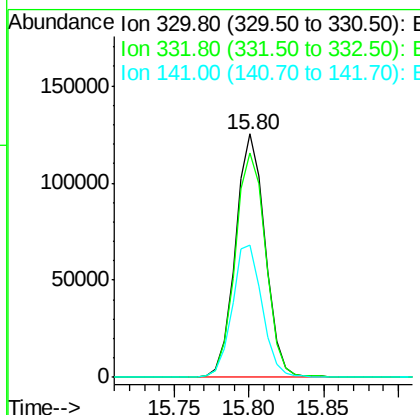
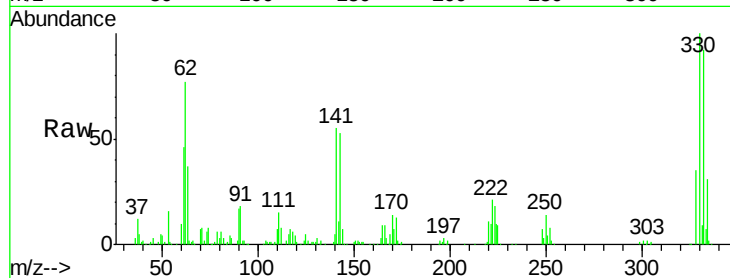




#41
 2,4,6-Tribromophenol
 Concen: 160.57 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016408.D
 Acq: 14 Apr 2015 21:57

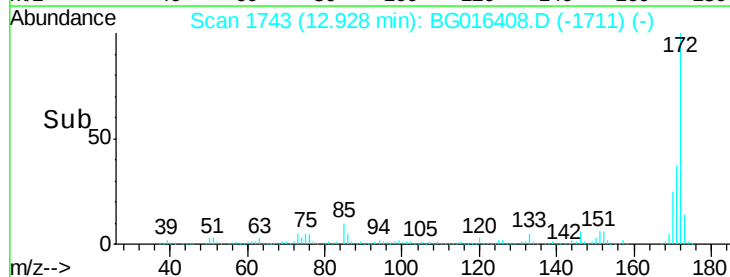
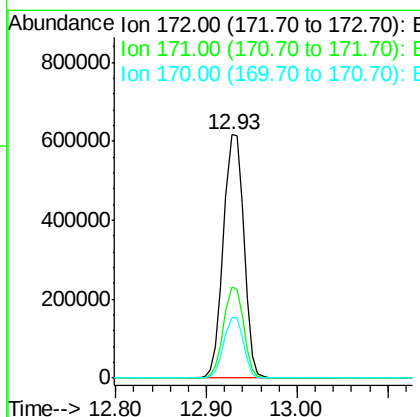
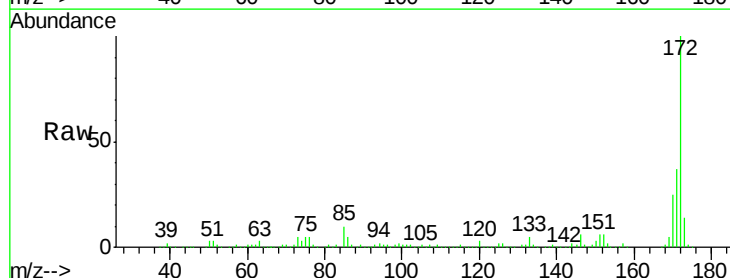
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-2-22

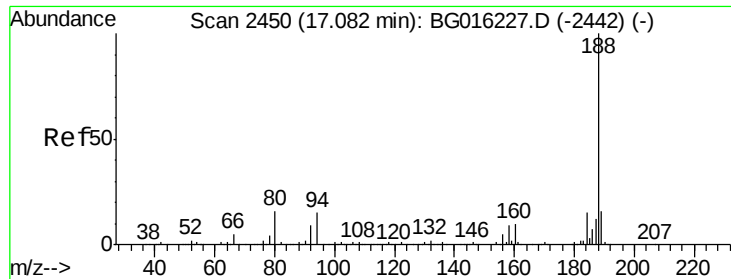
Tgt Ion:330 Resp: 173084
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.8 113.6
 141 55.3 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 103.32 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016408.D
 Acq: 14 Apr 2015 21:57

Tgt Ion:172 Resp: 967263
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.6 19.4 29.2

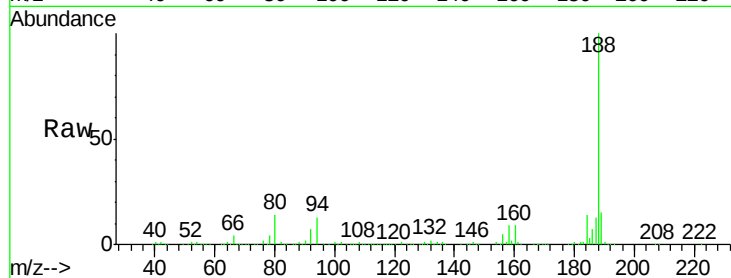




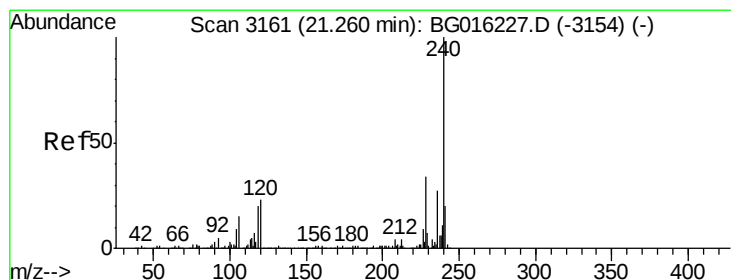
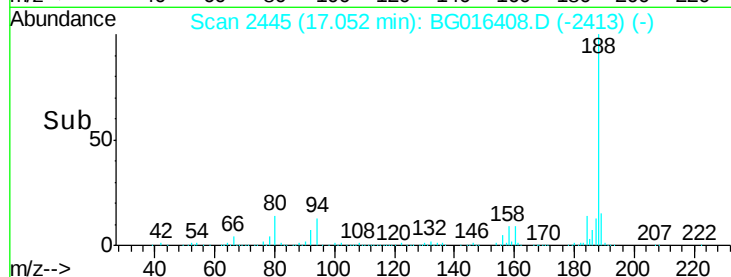
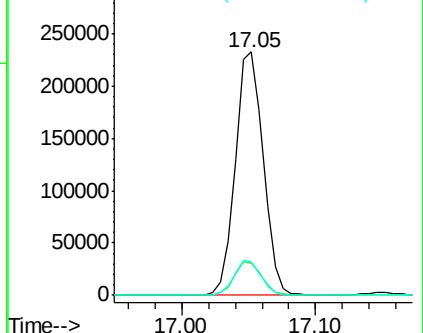
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016408.D
Acq: 14 Apr 2015 21:57

Instrument :
BNA_G
ClientSampleId :
TE-PMW-2-22

Tgt Ion:188 Resp: 337996
Ion Ratio Lower Upper
188 100
94 13.3 12.2 18.4
80 13.9 12.8 19.2

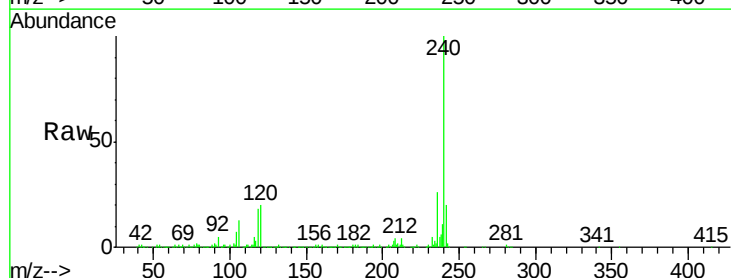


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

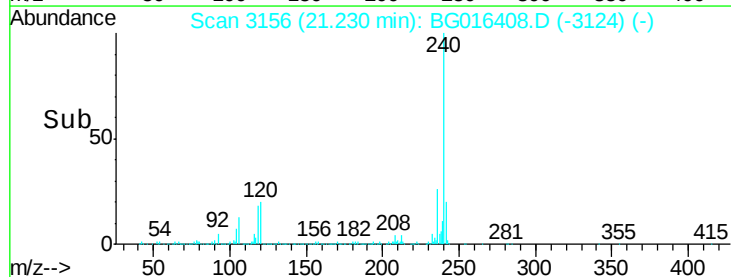
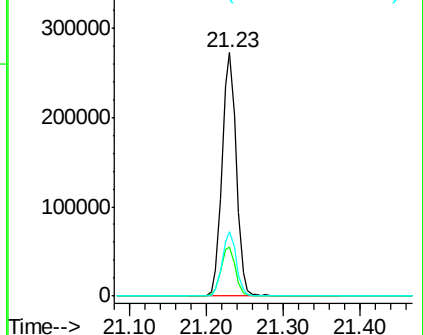


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016408.D
Acq: 14 Apr 2015 21:57

Tgt Ion:240 Resp: 350009
Ion Ratio Lower Upper
240 100
120 20.2 18.6 28.0
236 26.5 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: 80.16 ng

RT: 19.68 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016408.D

Acq: 14 Apr 2015 21:57

Instrument :

BNA_G

ClientSampleId :

TE-PMW-2-22

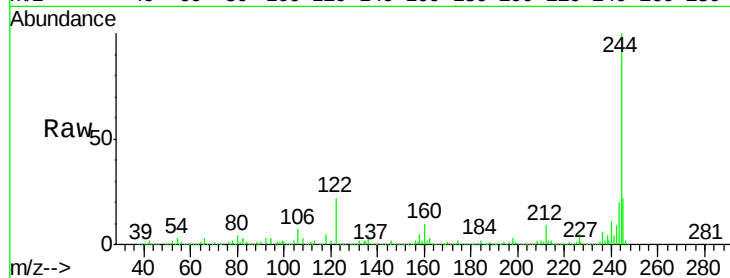
Tgt Ion:244 Resp: 1198721

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

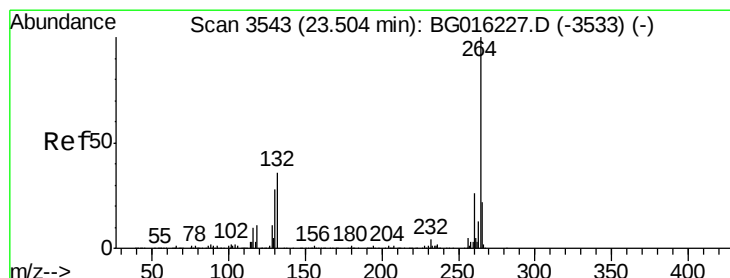
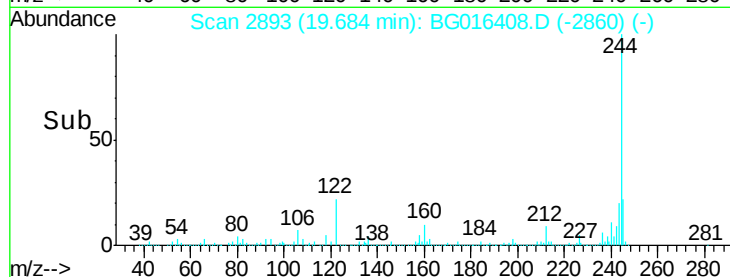
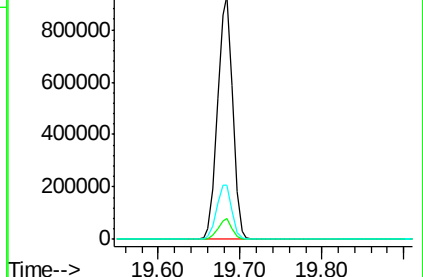
122 22.5 19.1 28.7



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: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016408.D

Acq: 14 Apr 2015 21:57

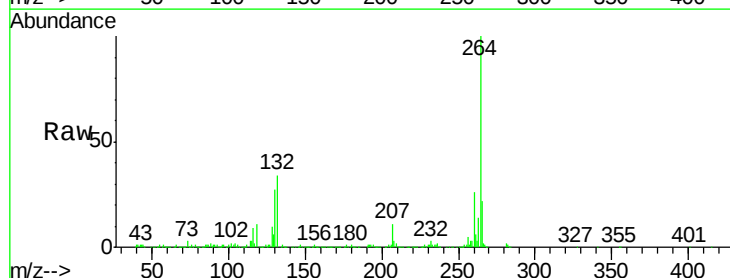
Tgt Ion:264 Resp: 315971

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 22.2 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

