

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016424.D
 Acq On : 15 Apr 2015 15:50
 Operator : TP/IZ
 Sample : G1876-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-112-041015

Quant Time: Apr 16 03:21:45 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	7.66	152	68131	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	315383	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	194545	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	425012	20.00	ng	0.00
75) Chrysene-d12	21.23	240	375192	20.00	ng	0.00
86) Perylene-d12	23.46	264	346709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	262960	60.91	ng	-0.01
7) Phenol-d6	6.85	99	232975	35.95	ng	-0.01
23) Nitrobenzene-d5	8.82	82	442220	81.23	ng	-0.01
41) 2,4,6-Tribromophenol	15.80	330	194464	147.80	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	972750	85.13	ng	0.00
78) Terphenyl-d14	19.68	244	1159548	72.33	ng	0.00

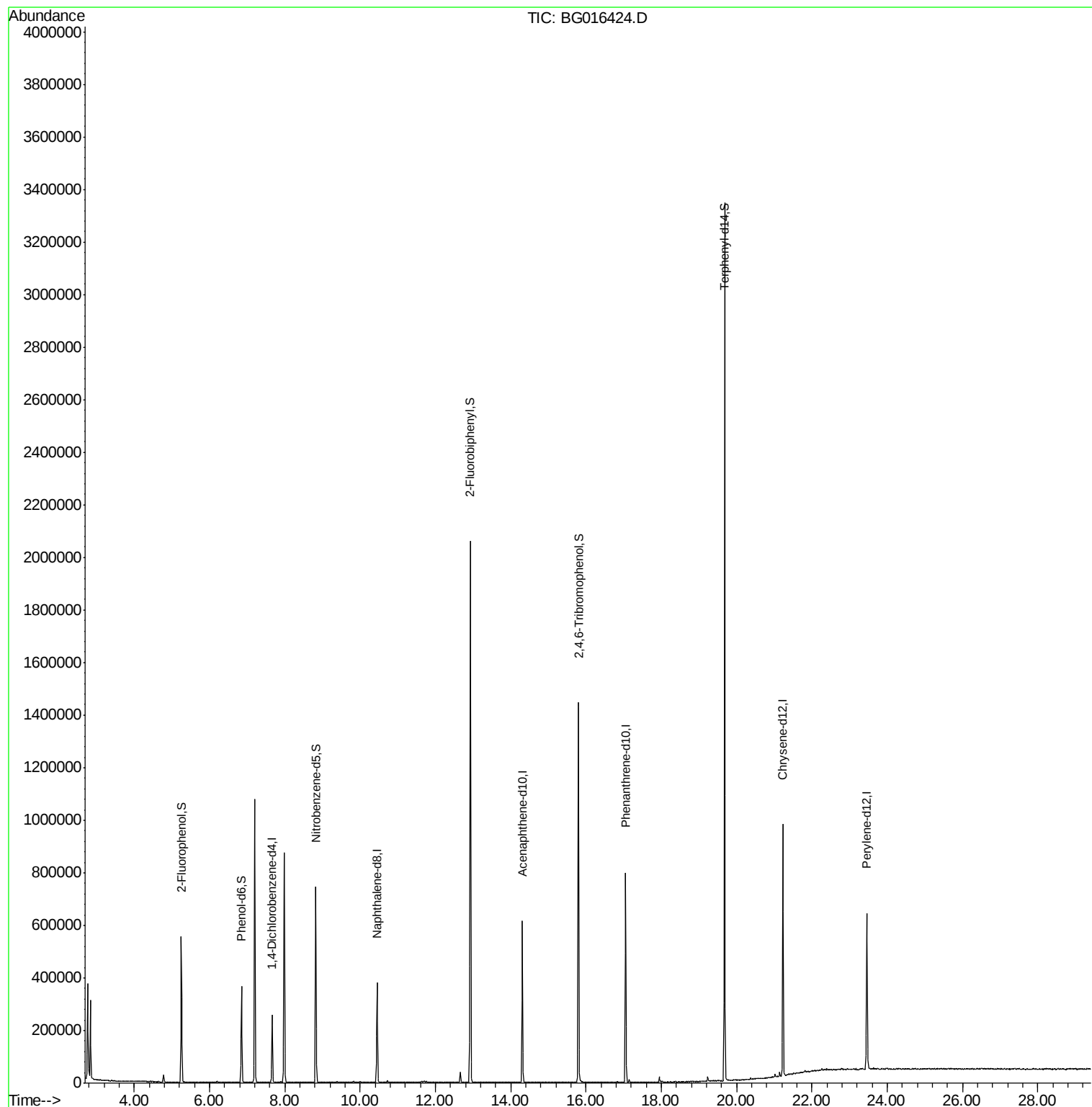
Target Compounds	Qvalue
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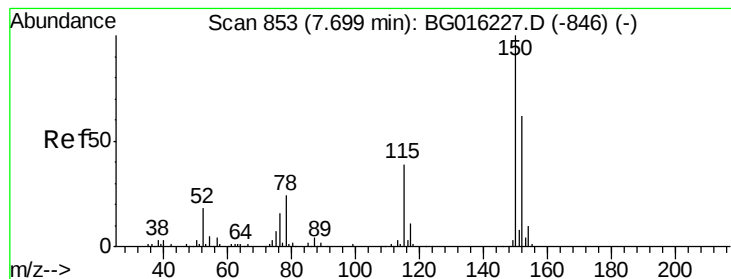
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG016424.D

Acq: 15 Apr 2015 15:50

Instrument :

BNA_G

ClientSampleId :

DCW-WW-112-041015

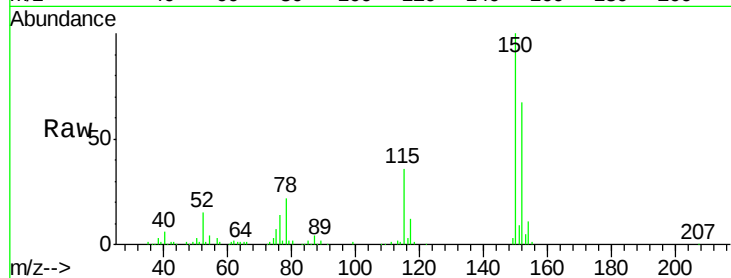
Tgt Ion:152 Resp: 68131

Ion Ratio Lower Upper

152 100

150 149.1 130.1 195.1

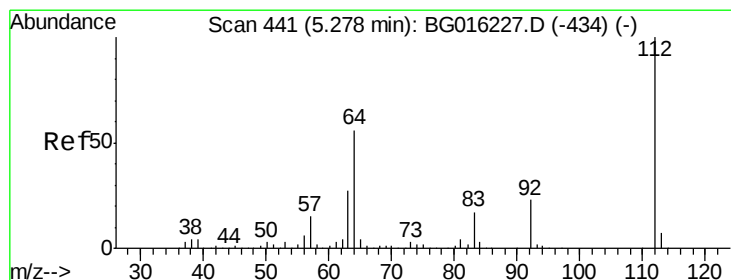
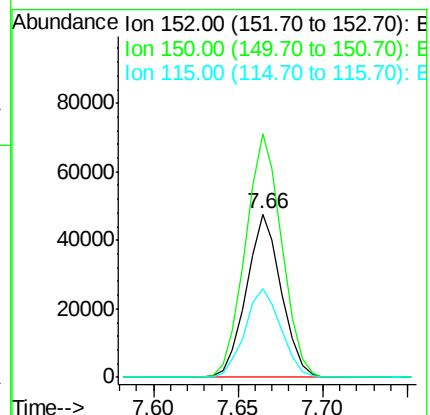
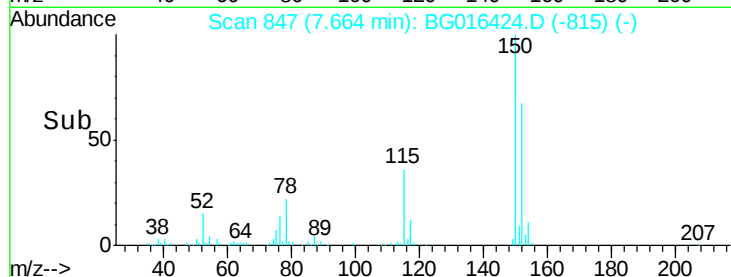
115 54.3 50.5 75.7



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: 60.91 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG016424.D

Acq: 15 Apr 2015 15:50

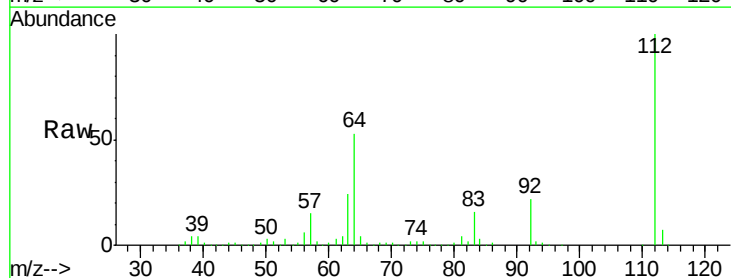
Tgt Ion:112 Resp: 262960

Ion Ratio Lower Upper

112 100

64 53.3 44.5 66.7

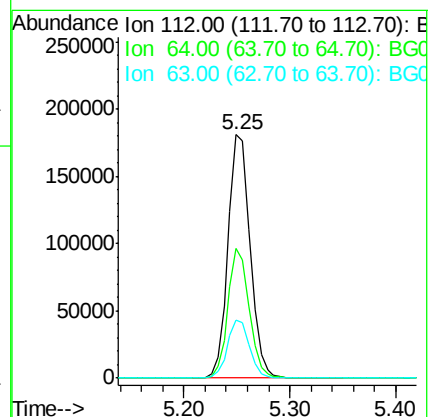
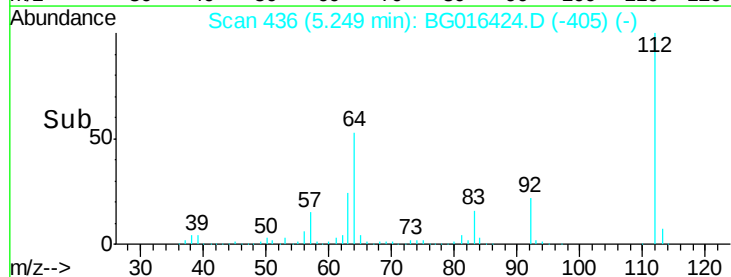
63 23.7 21.4 32.0



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: 35.95 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016424.D

Acq: 15 Apr 2015 15:50

Instrument :

BNA_G

ClientSampleId :

DCW-WW-112-041015

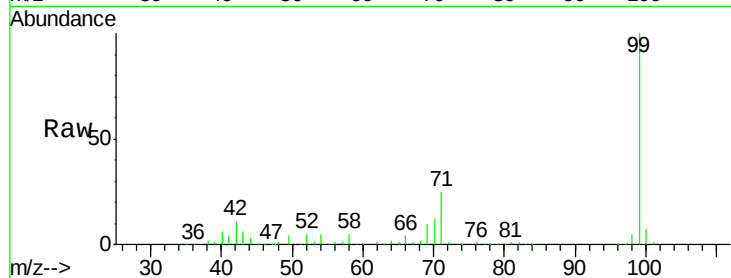
Tgt Ion: 99 Resp: 232975

Ion Ratio Lower Upper

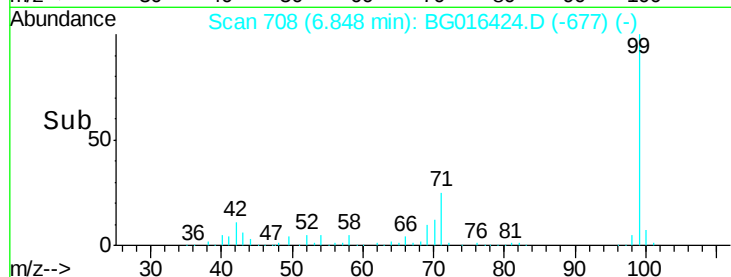
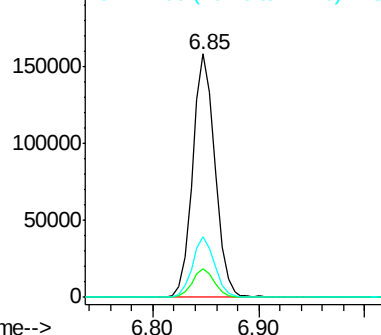
99 100

42 11.5 10.0 15.0

71 24.8 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: BG016424.D

Acq: 15 Apr 2015 15:50

Tgt Ion: 136 Resp: 315383

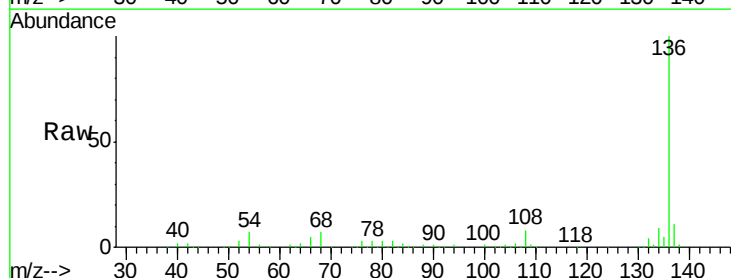
Ion Ratio Lower Upper

136 100

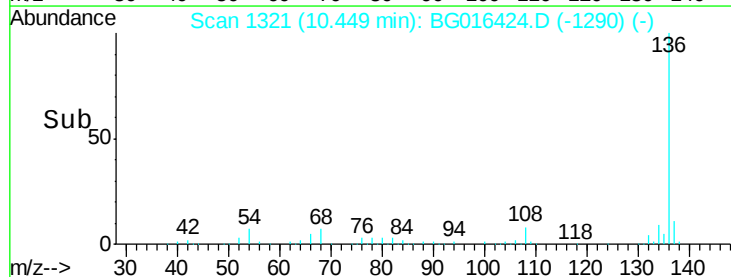
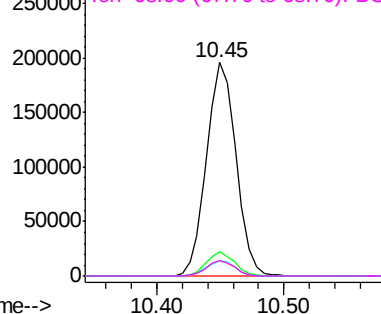
137 11.2 8.7 13.1

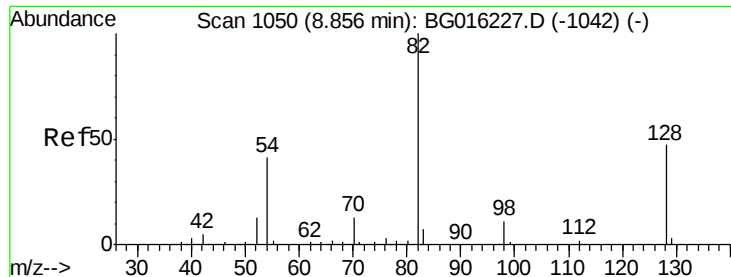
54 7.1 6.3 9.5

68 7.4 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

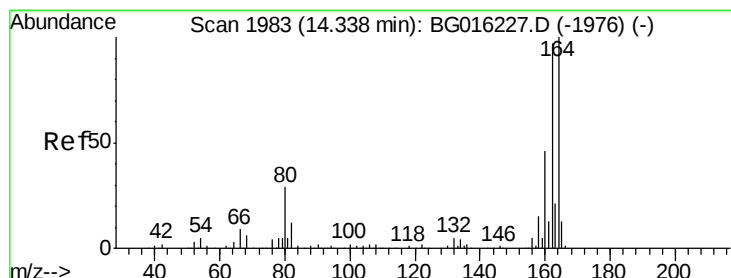
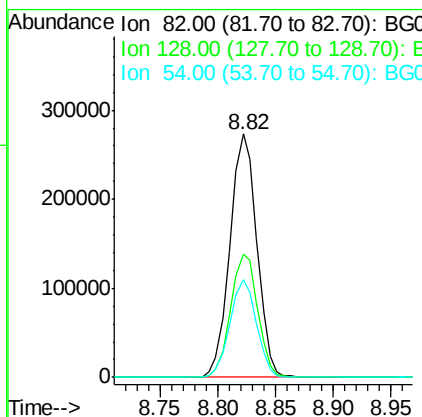
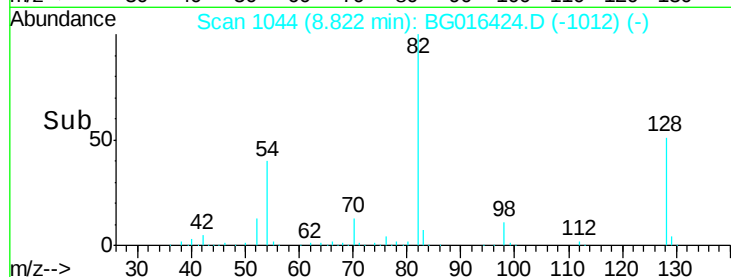
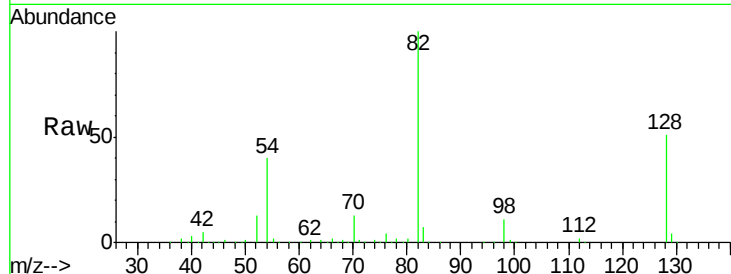




#23
 Nitrobenzene-d5
 Concen: 81.23 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG016424.D
 Acq: 15 Apr 2015 15:50

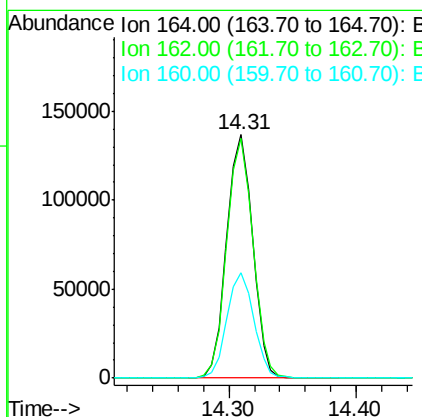
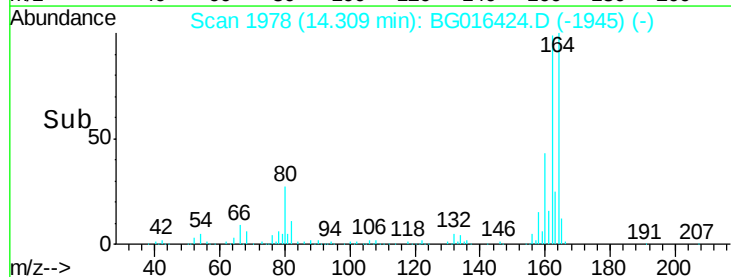
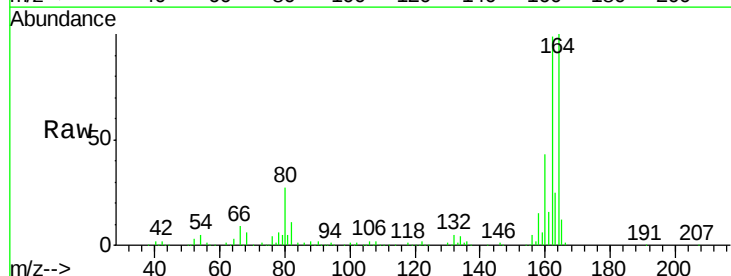
Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-112-041015

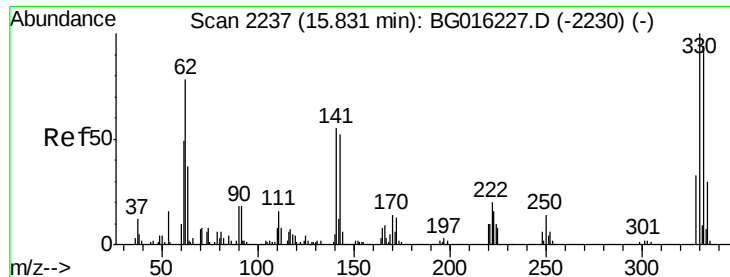
Tgt Ion: 82 Resp: 442220
 Ion Ratio Lower Upper
 82 100
 128 50.6 37.8 56.8
 54 40.2 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG016424.D
 Acq: 15 Apr 2015 15:50

Tgt Ion: 164 Resp: 194545
 Ion Ratio Lower Upper
 164 100
 162 98.5 77.3 115.9
 160 43.0 36.7 55.1

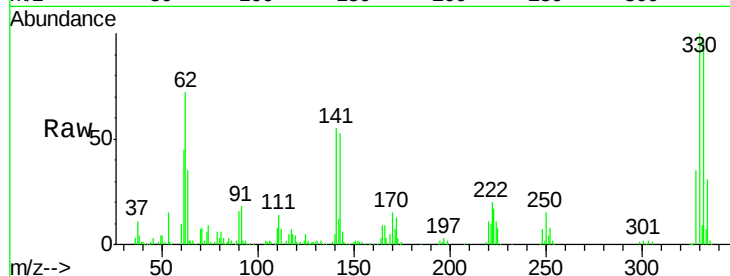




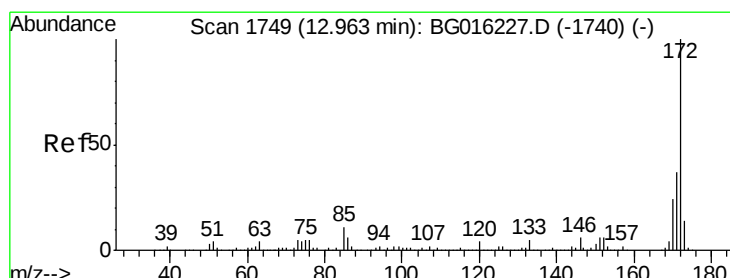
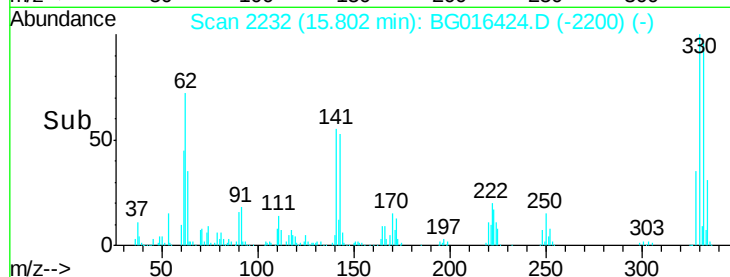
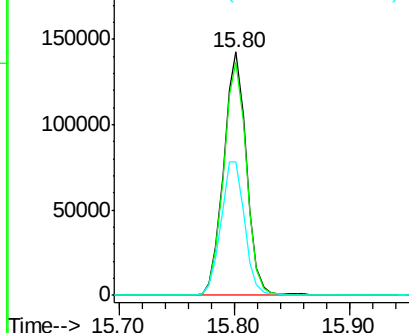
#41
 2,4,6-Tribromophenol
 Concen: 147.80 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016424.D
 Acq: 15 Apr 2015 15:50

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-112-041015

Tgt Ion: 330 Resp: 194464
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.6
 141 57.3 46.6 69.8

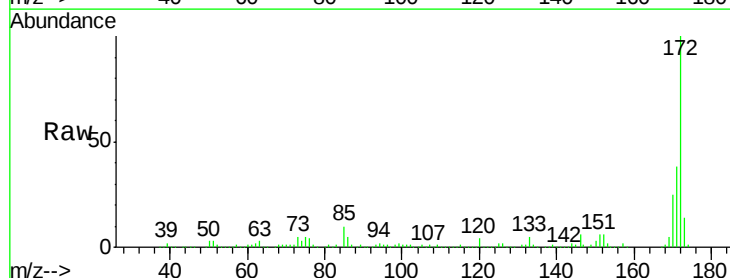


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

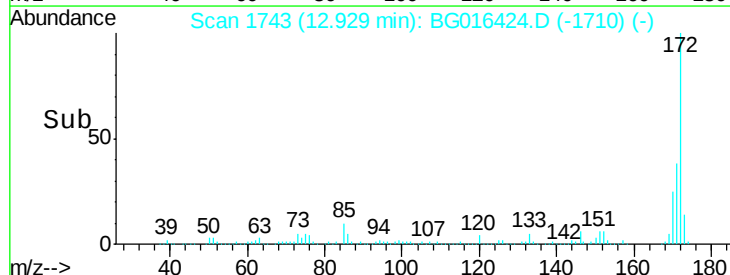
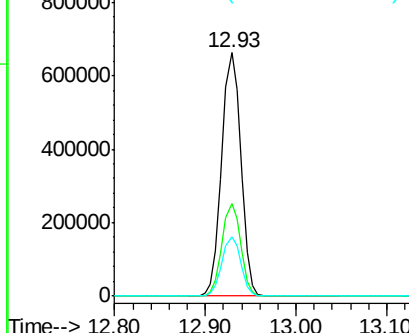


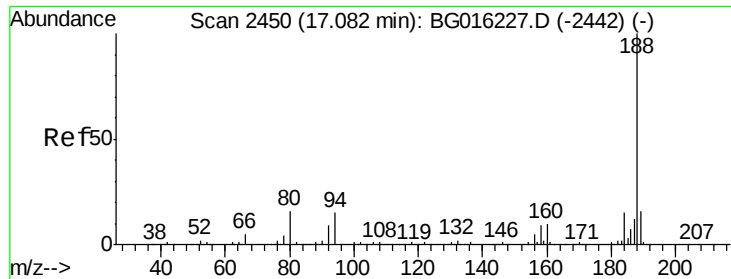
#44
 2-Fluorobiphenyl
 Concen: 85.13 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016424.D
 Acq: 15 Apr 2015 15:50

Tgt Ion: 172 Resp: 972750
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.6 44.4
 170 24.5 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

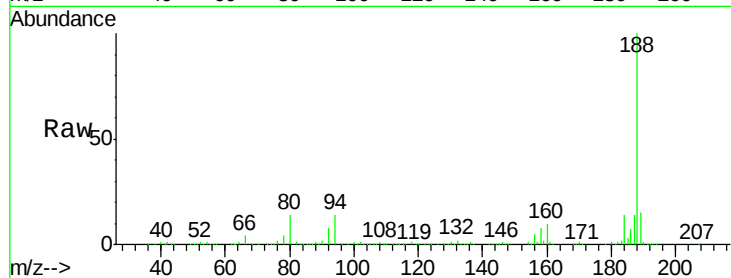




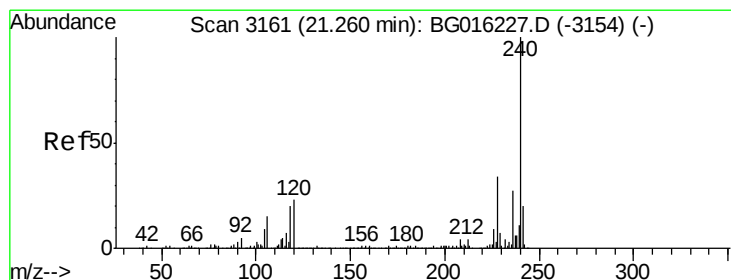
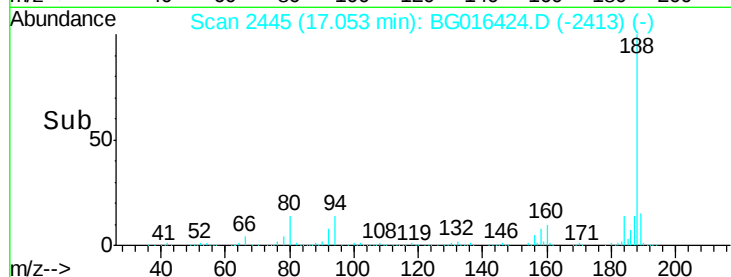
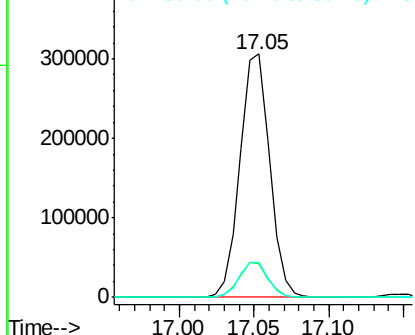
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016424.D
Acq: 15 Apr 2015 15:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-112-041015

Tgt Ion:188 Resp: 425012
Ion Ratio Lower Upper
188 100
94 13.8 12.2 18.4
80 14.3 12.8 19.2

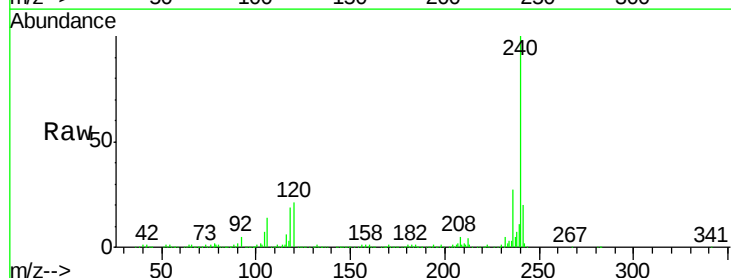


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

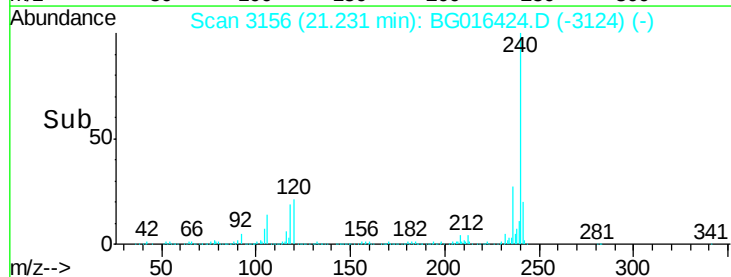
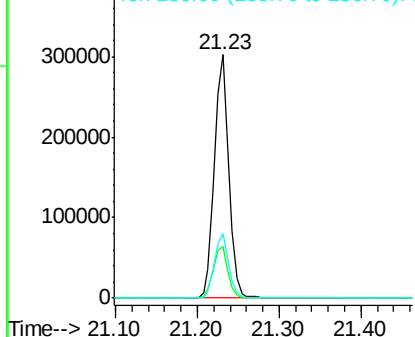


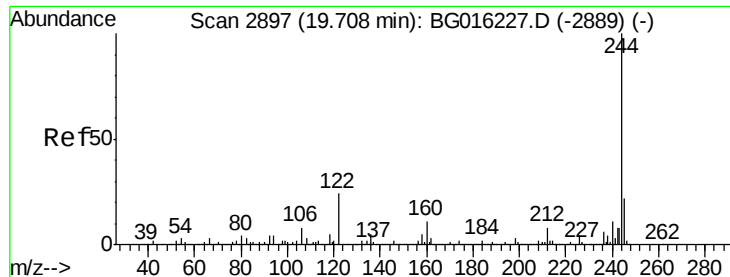
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016424.D
Acq: 15 Apr 2015 15:50

Tgt Ion:240 Resp: 375192
Ion Ratio Lower Upper
240 100
120 21.1 18.6 28.0
236 26.6 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: 72.33 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016424.D

Acq: 15 Apr 2015 15:50

Instrument :

BNA_G

ClientSampleId :

DCW-WW-112-041015

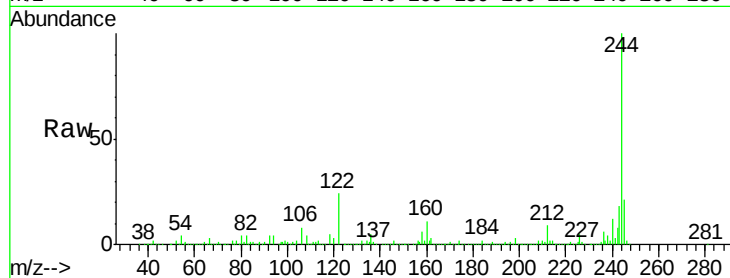
Tgt Ion:244 Resp: 1159548

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

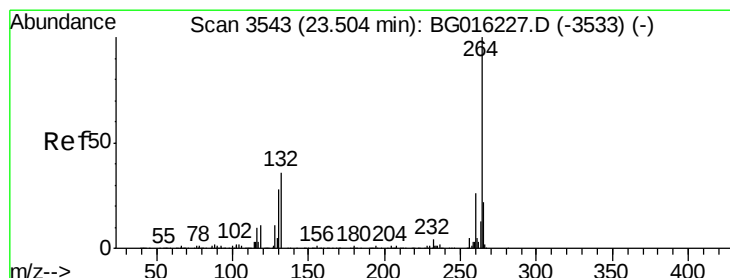
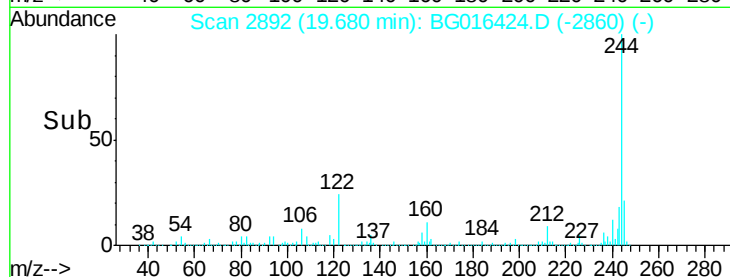
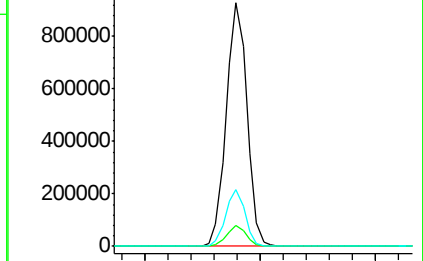
122 23.5 19.1 28.7



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: BG016424.D

Acq: 15 Apr 2015 15:50

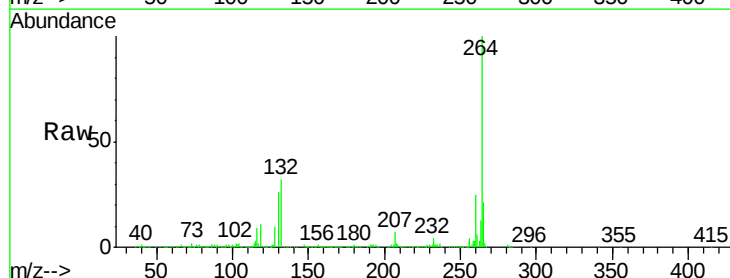
Tgt Ion:264 Resp: 346709

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 21.5 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

