

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
 Data File : BG016608.D
 Acq On : 22 Apr 2015 7:24
 Operator : TP/IZ
 Sample : G1928-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0436

Quant Time: Apr 22 08:13:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 07:24:26 2015
 Response via : Initial Calibration

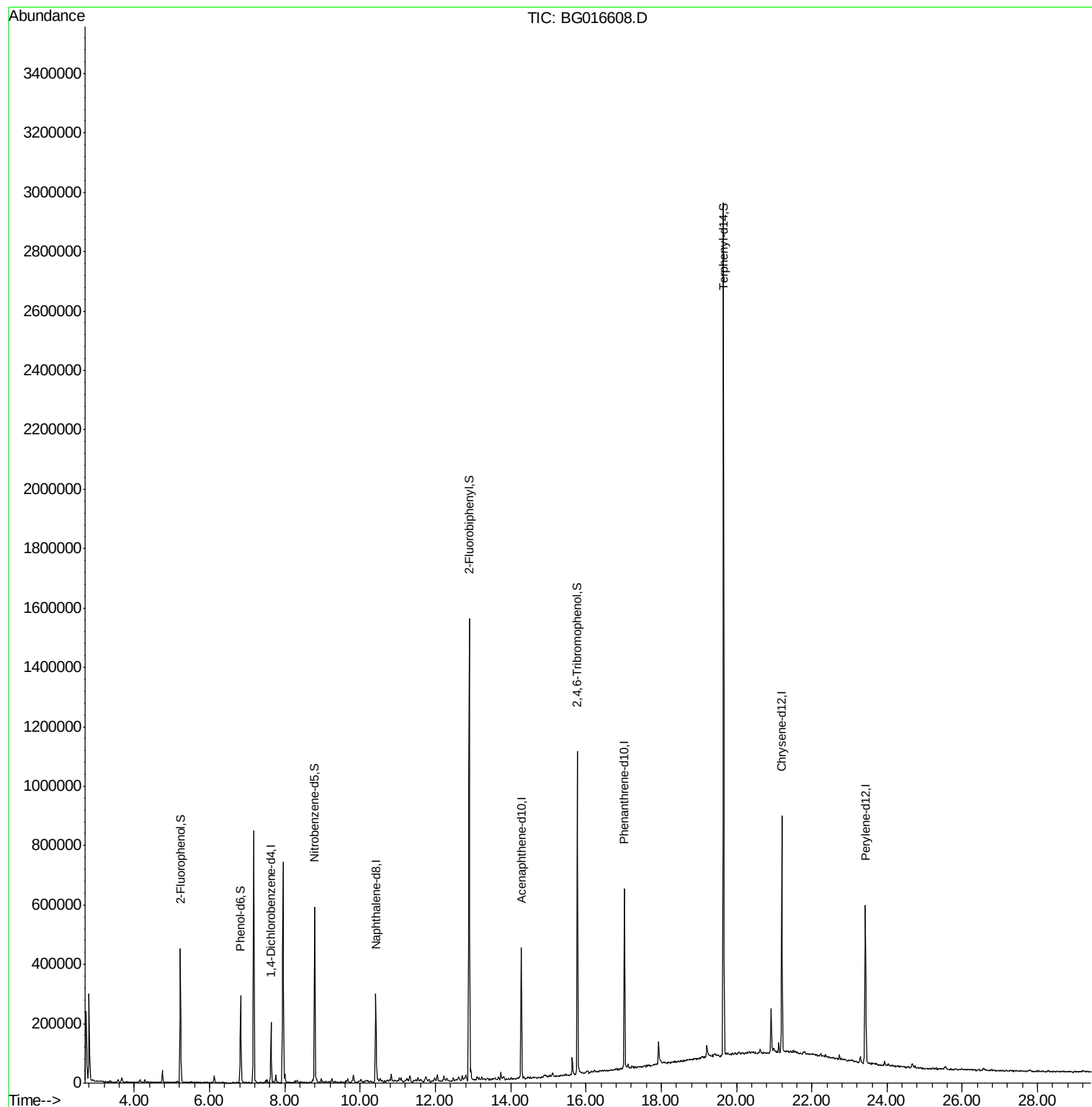
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	58731	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	254910	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	146076	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	322116	20.00	ng	0.00
75) Chrysene-d12	21.20	240	323479	20.00	ng	0.00
86) Perylene-d12	23.42	264	303221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	222514	42.12	ng	0.00
7) Phenol-d6	6.83	99	196969	26.38	ng	0.00
23) Nitrobenzene-d5	8.79	82	350383	58.45	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	149476	99.69	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	785724	62.75	ng	0.00
78) Terphenyl-d14	19.65	244	1032842	53.82	ng	0.00
Target Compounds						
32) Benzoic acid	9.92	122	53	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	15.47	198	58	Below Cal	#	1

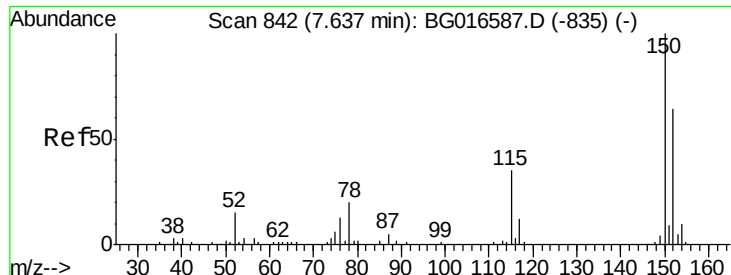
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.64 min Scan# 842

Delta R.T. 0.00 min

Lab File: BG016608.D

Acq: 22 Apr 2015 7:24

Instrument :

BNA_G

ClientSampleId :

S8-0436

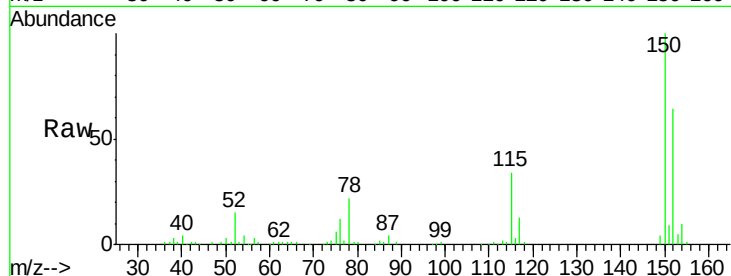
Tgt Ion:152 Resp: 58731

Ion Ratio Lower Upper

152 100

150 155.6 125.5 188.3

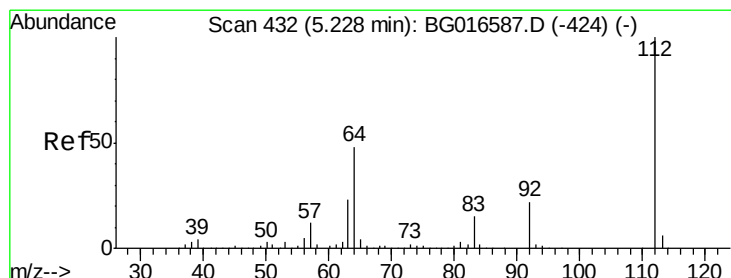
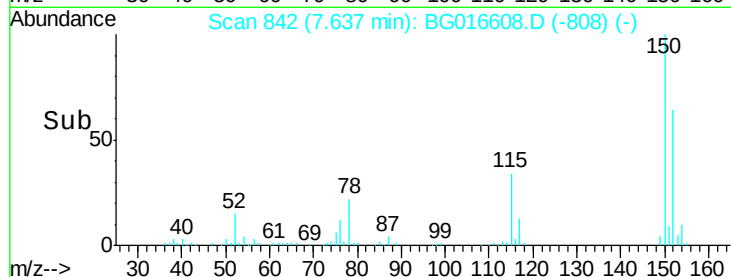
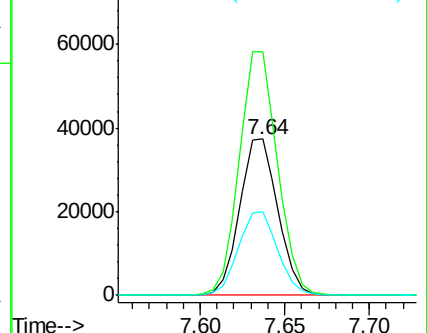
115 53.7 44.5 66.7



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: 42.12 ng

RT: 5.23 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG016608.D

Acq: 22 Apr 2015 7:24

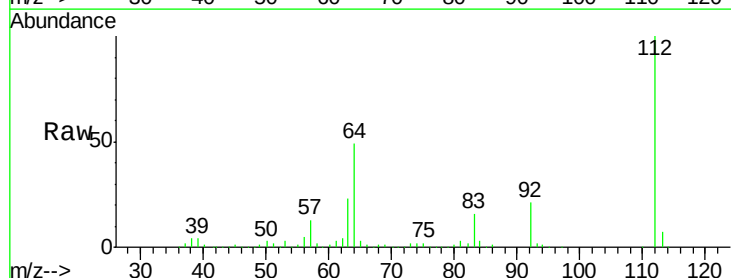
Tgt Ion:112 Resp: 222514

Ion Ratio Lower Upper

112 100

64 48.6 38.5 57.7

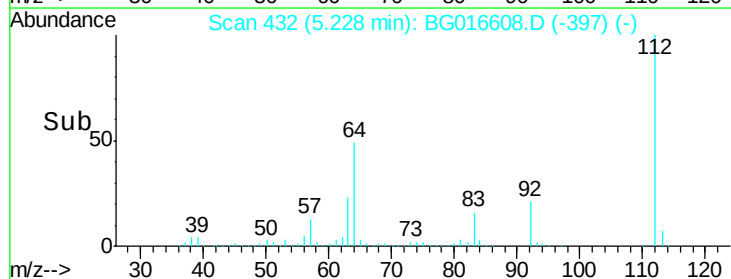
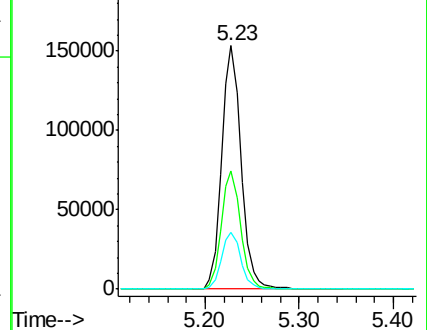
63 23.4 18.2 27.4

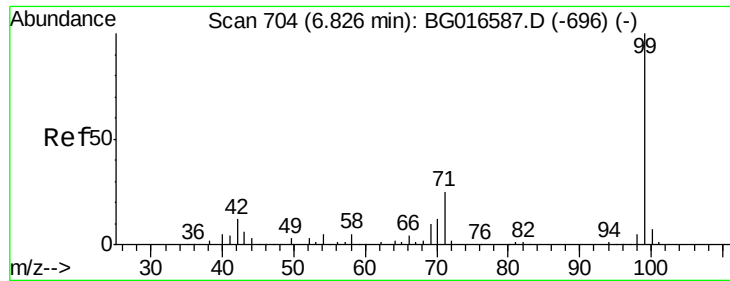


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 26.38 ng

RT: 6.83 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG016608.D

Acq: 22 Apr 2015 7:24

Instrument :

BNA_G

ClientSampleId :

S8-0436

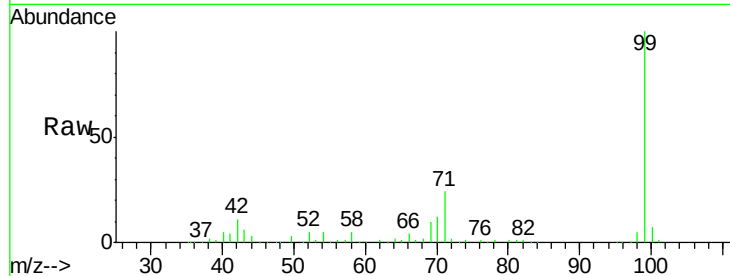
Tgt Ion: 99 Resp: 196969

Ion Ratio Lower Upper

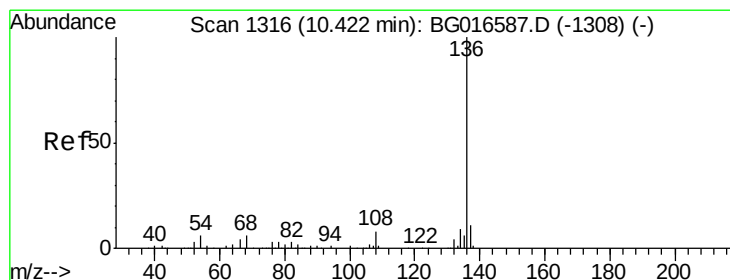
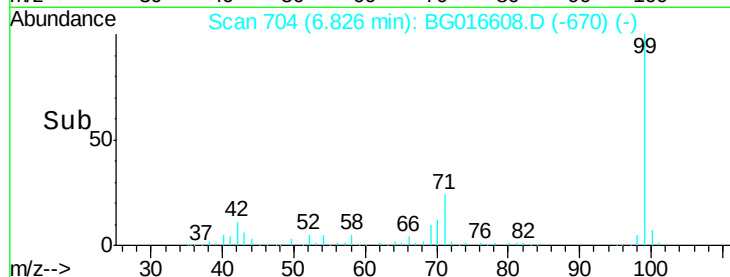
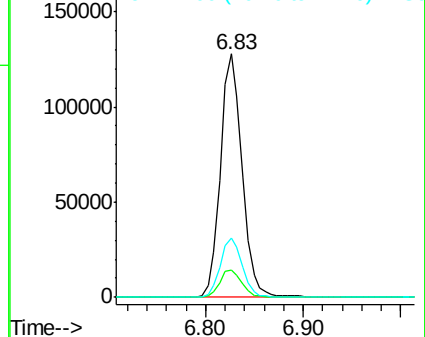
99 100

42 11.4 9.5 14.3

71 24.3 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. 0.01 min

Lab File: BG016608.D

Acq: 22 Apr 2015 7:24

Tgt Ion: 136 Resp: 254910

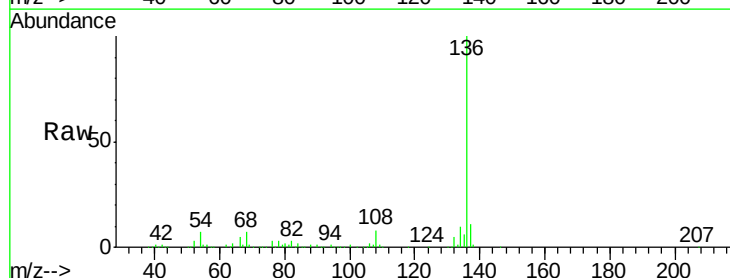
Ion Ratio Lower Upper

136 100

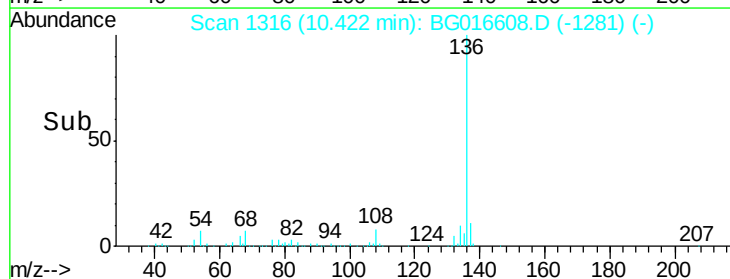
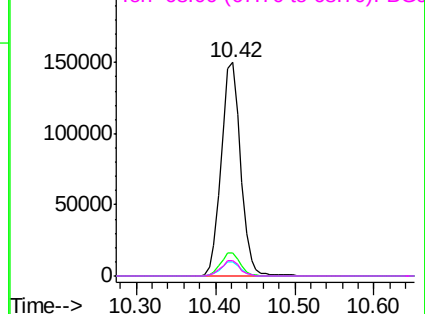
137 10.7 8.8 13.2

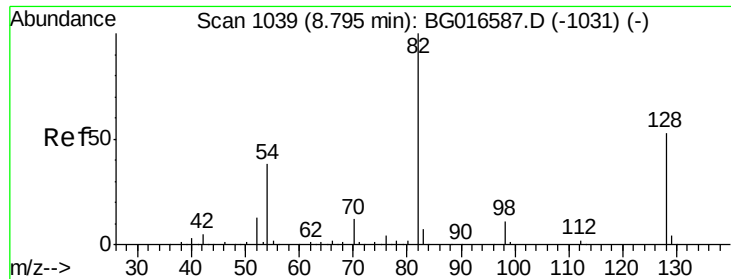
54 6.5 4.9 7.3

68 7.3 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

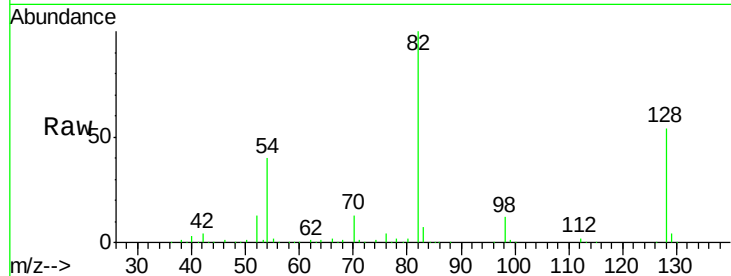




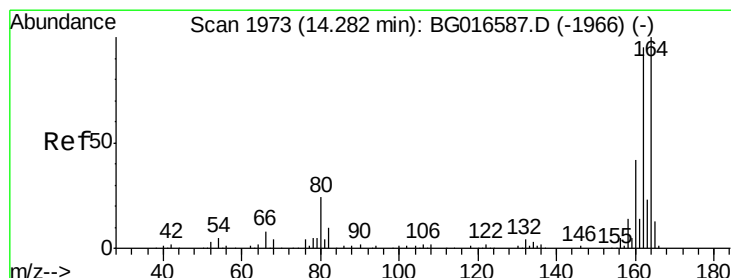
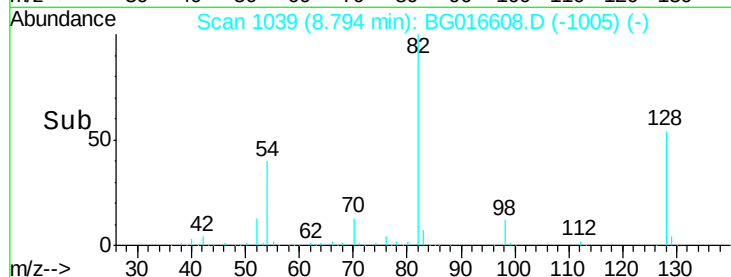
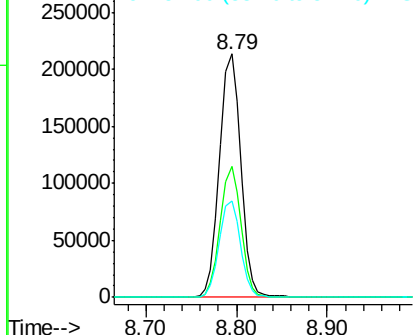
#23
 Nitrobenzene-d5
 Concen: 58.45 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG016608.D
 Acq: 22 Apr 2015 7:24

Instrument :
 BNA_G
 ClientSampleId :
 S8-0436

Tgt Ion: 82 Resp: 350383
 Ion Ratio Lower Upper
 82 100
 128 53.9 42.7 64.1
 54 39.8 30.6 45.8

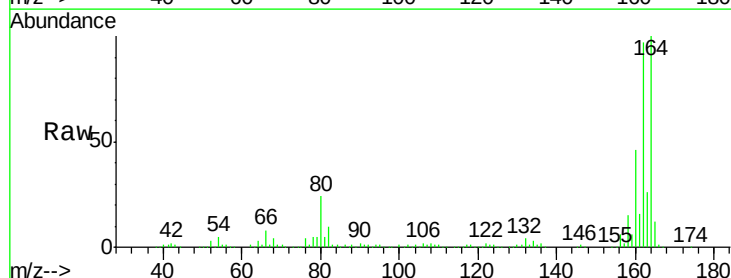


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

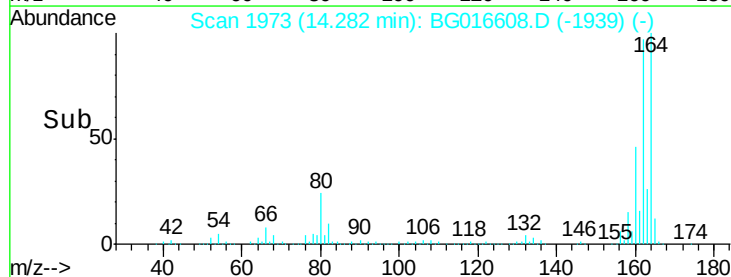
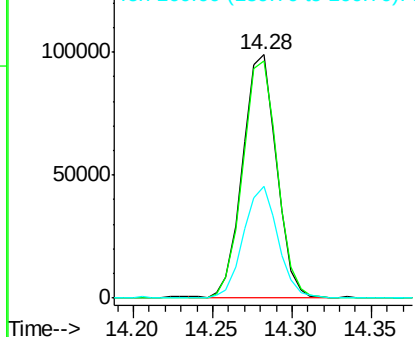


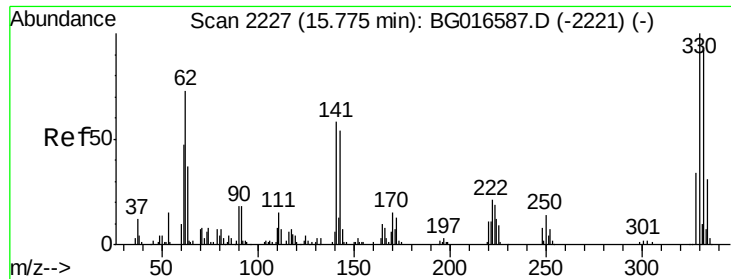
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BG016608.D
 Acq: 22 Apr 2015 7:24

Tgt Ion: 164 Resp: 146076
 Ion Ratio Lower Upper
 164 100
 162 97.2 75.8 113.6
 160 46.1 33.8 50.6



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

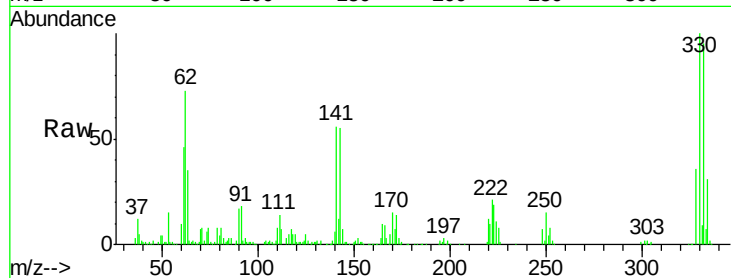




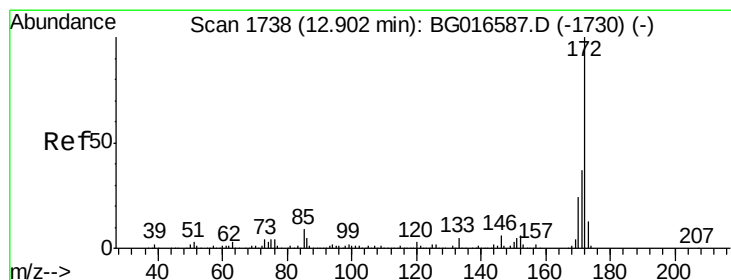
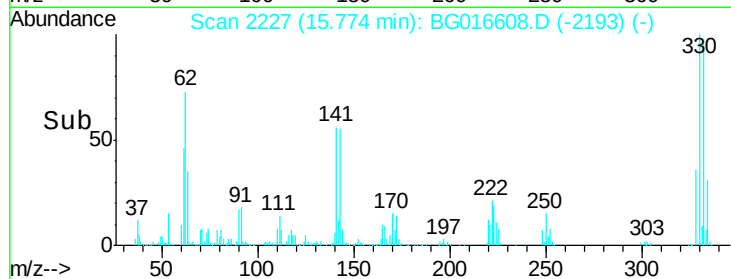
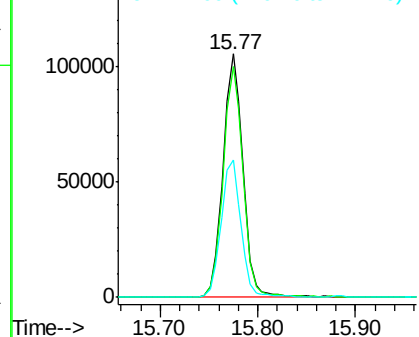
#41
 2,4,6-Tribromophenol
 Concen: 99.69 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BG016608.D
 Acq: 22 Apr 2015 7:24

Instrument :
 BNA_G
 ClientSampleId :
 S8-0436

Tgt Ion:330 Resp: 149476
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 114.8
 141 56.3 45.9 68.9

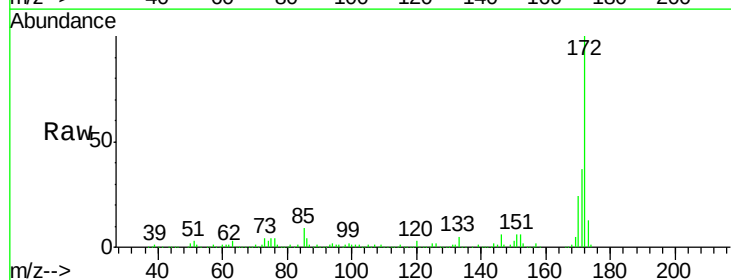


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

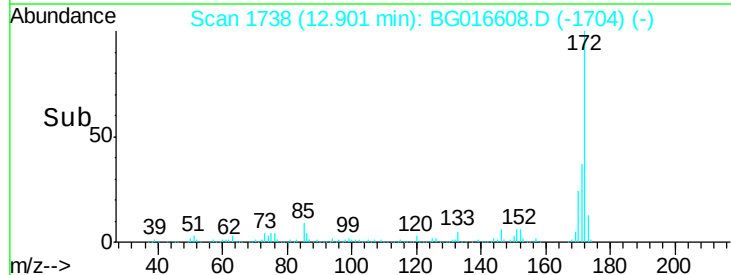
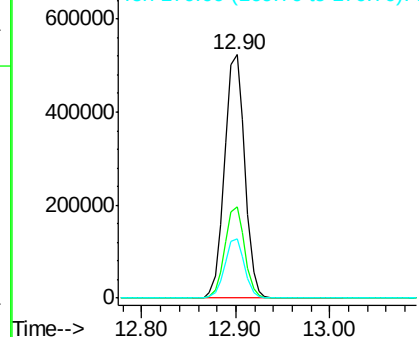


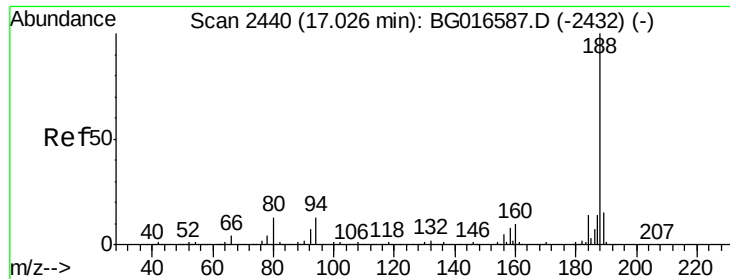
#44
 2-Fluorobiphenyl
 Concen: 62.75 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG016608.D
 Acq: 22 Apr 2015 7:24

Tgt Ion:172 Resp: 785724
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.3 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

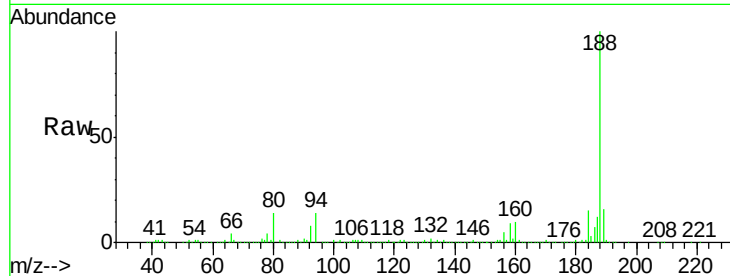




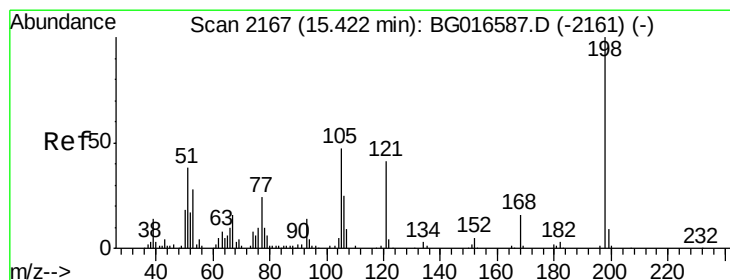
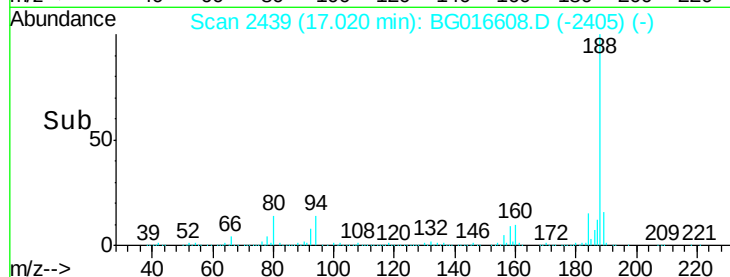
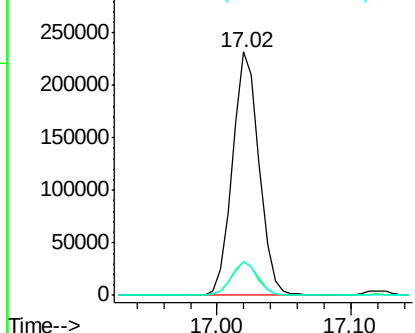
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG016608.D
Acq: 22 Apr 2015 7:24

Instrument :
BNA_G
ClientSampleId :
S8-0436

Tgt Ion:188 Resp: 322116
Ion Ratio Lower Upper
188 100
94 13.8 10.5 15.7
80 14.1 10.6 16.0

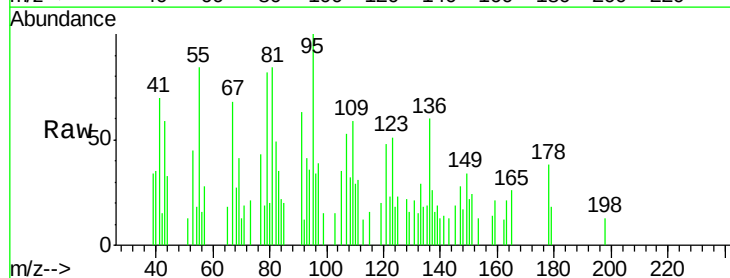


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

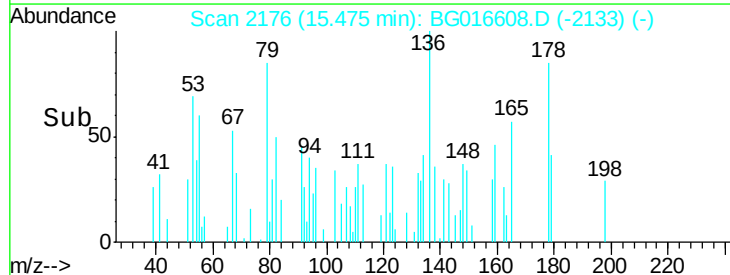
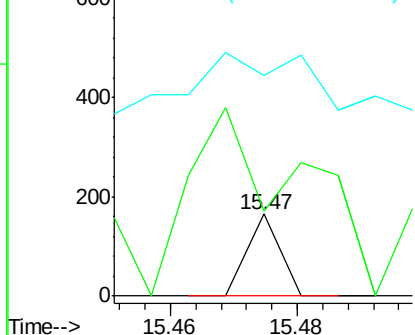


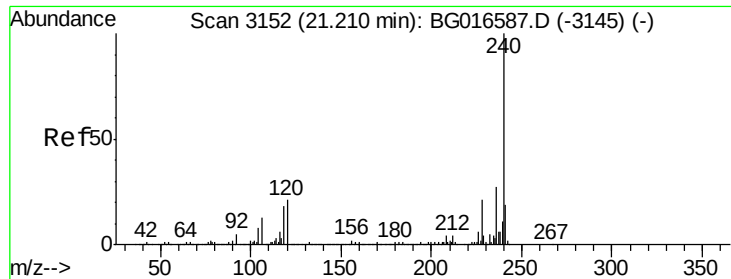
#64
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.47 min Scan# 2176
Delta R.T. 0.05 min
Lab File: BG016608.D
Acq: 22 Apr 2015 7:24

Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 103.6 18.6 58.6#
105 269.7 27.7 67.7#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG016608.D

Acq: 22 Apr 2015 7:24

Instrument :

BNA_G

ClientSampleId :

S8-0436

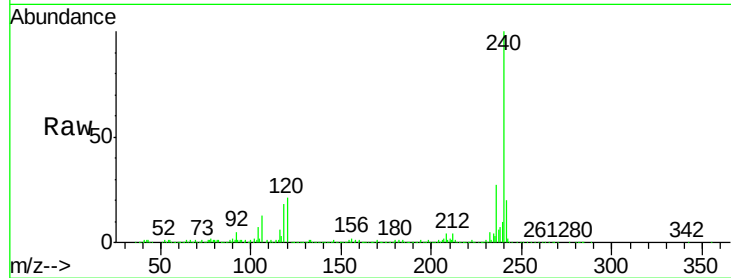
Tgt Ion:240 Resp: 323479

Ion Ratio Lower Upper

240 100

120 20.8 16.7 25.1

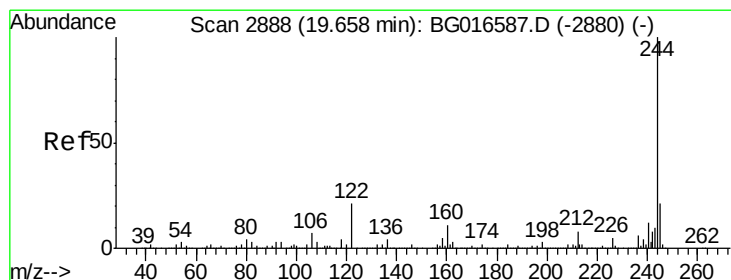
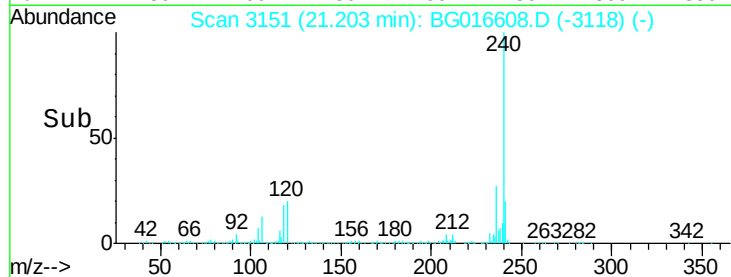
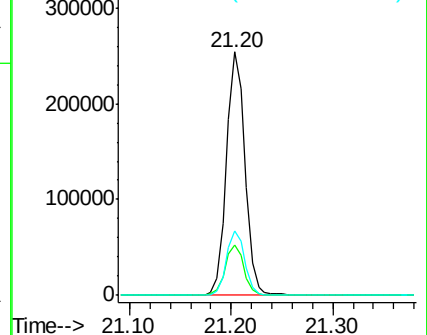
236 26.6 21.7 32.5



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: 53.82 ng

RT: 19.65 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG016608.D

Acq: 22 Apr 2015 7:24

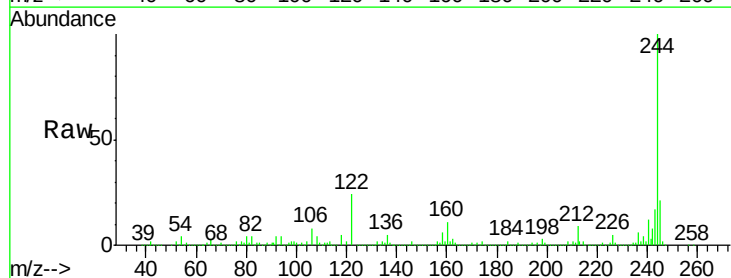
Tgt Ion:244 Resp: 1032842

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

122 23.8 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

