

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
 Data File : BG016809.D
 Acq On : 29 Apr 2015 21:15
 Operator : TP/IZ
 Sample : G2032-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B5GW

Quant Time: Apr 30 02:18:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 02:01:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	44313	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	185216	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	113981	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	250530	20.00	ng	0.00
75) Chrysene-d12	21.15	240	238808	20.00	ng	0.00
86) Perylene-d12	23.35	264	220577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	163523	67.97	ng	0.00
7) Phenol-d6	6.77	99	132881	39.35	ng	0.00
23) Nitrobenzene-d5	8.72	82	234723	82.55	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	120436	141.87	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	605369	82.23	ng	0.00
78) Terphenyl-d14	19.60	244	723470	73.07	ng	0.00

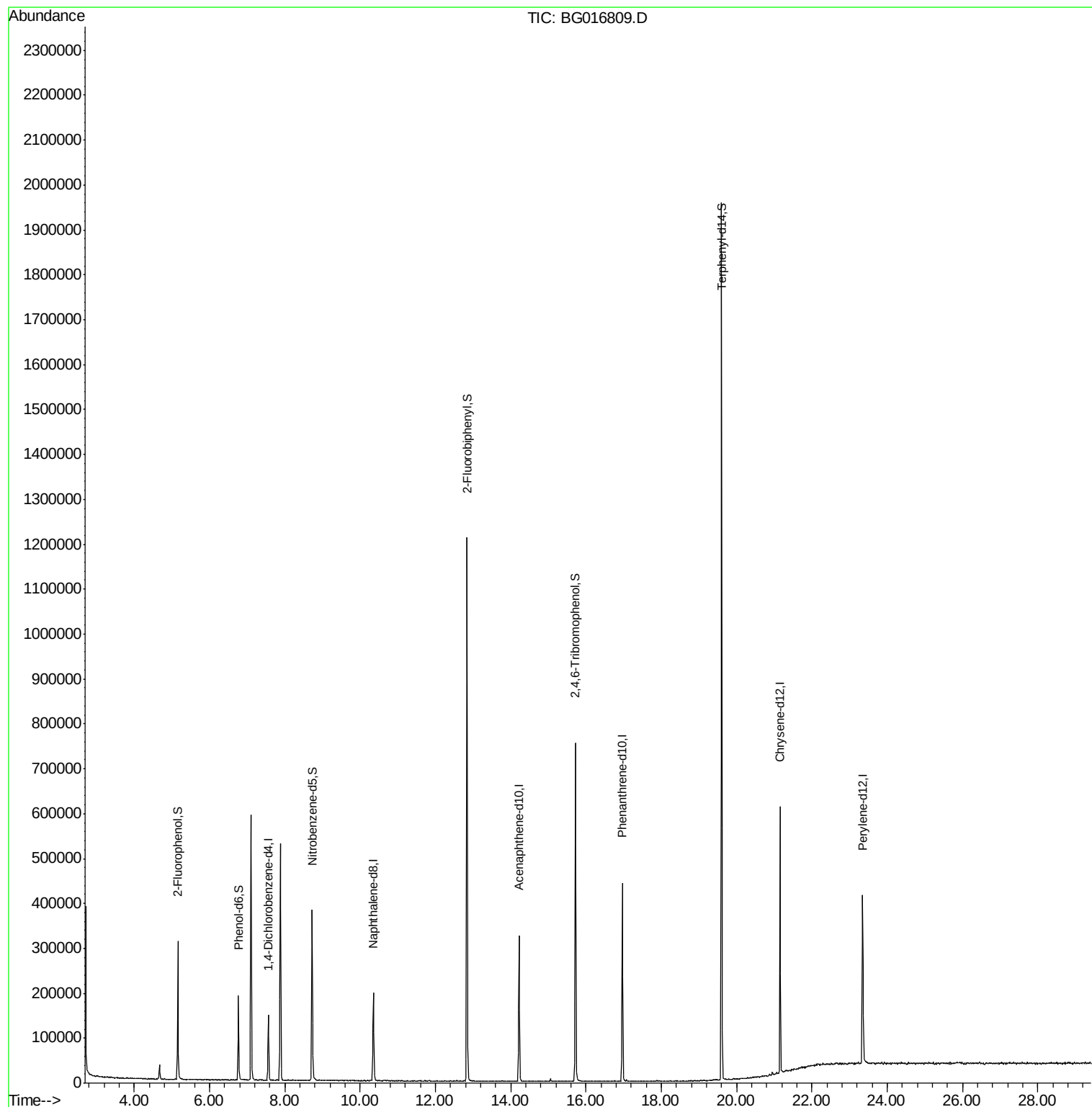
Target Compounds	Qvalue
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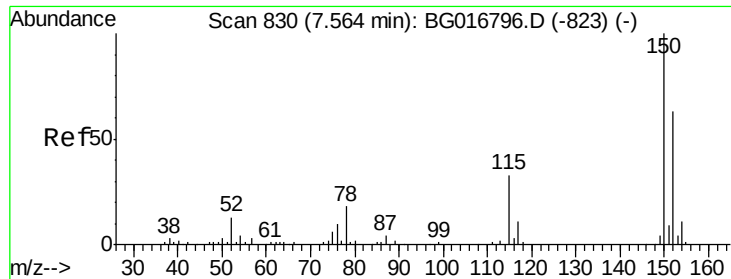
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016809.D

Acq: 29 Apr 2015 21:15

Instrument :

BNA_G

ClientSampleId :

B5GW

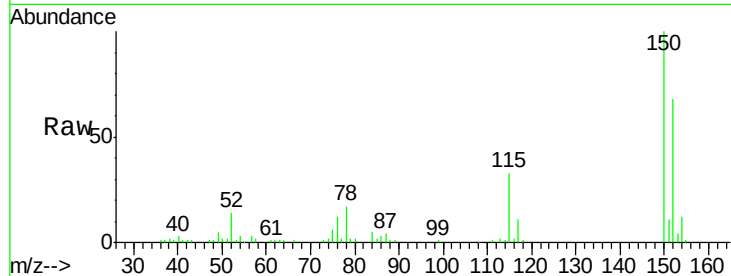
Tgt Ion:152 Resp: 44313

Ion Ratio Lower Upper

152 100

150 148.0 126.2 189.4

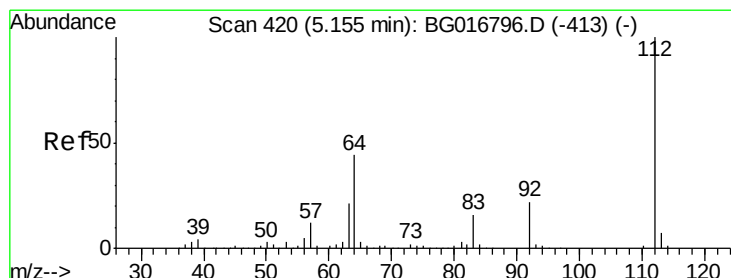
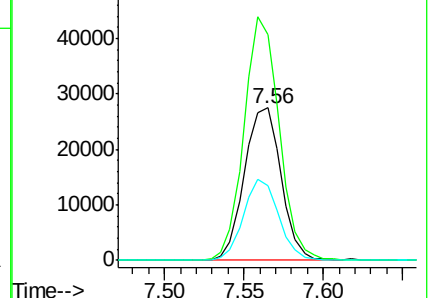
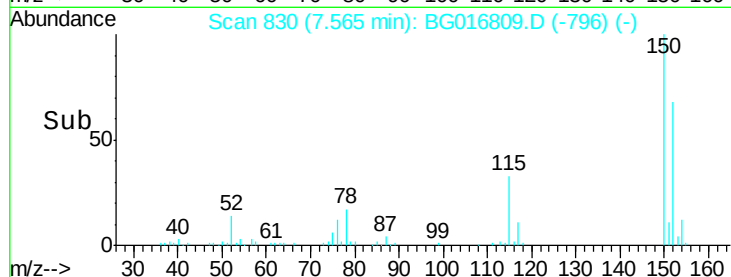
115 49.1 41.1 61.7



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: 67.97 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016809.D

Acq: 29 Apr 2015 21:15

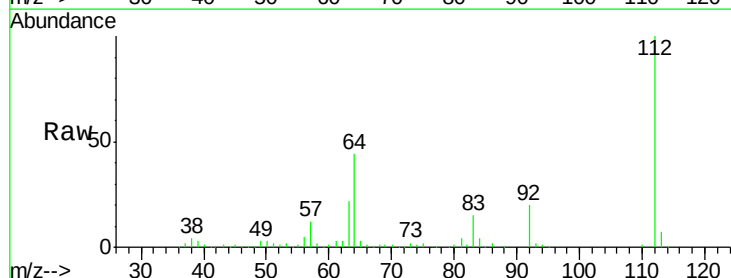
Tgt Ion:112 Resp: 163523

Ion Ratio Lower Upper

112 100

64 43.5 35.5 53.3

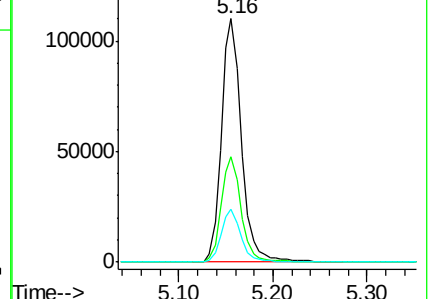
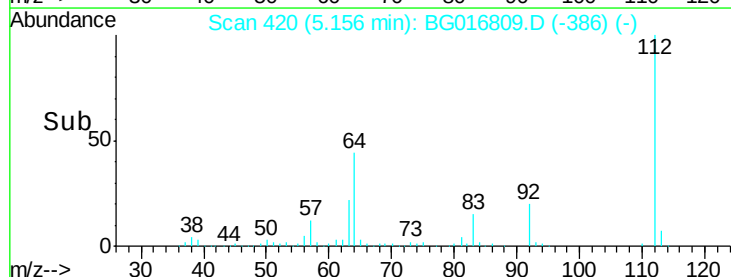
63 21.8 17.2 25.8

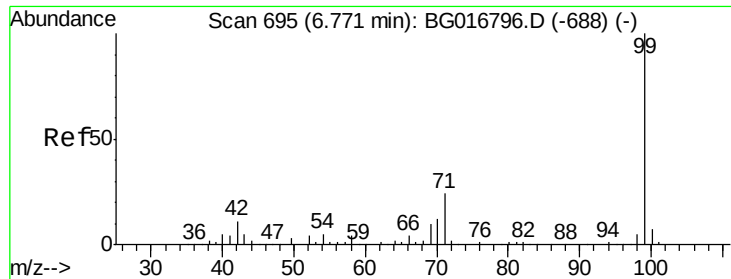


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.35 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016809.D

Acq: 29 Apr 2015 21:15

Instrument :

BNA_G

ClientSampled :

B5GW

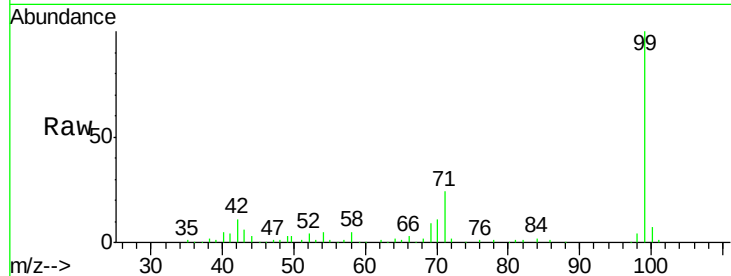
Tgt Ion: 99 Resp: 132881

Ion Ratio Lower Upper

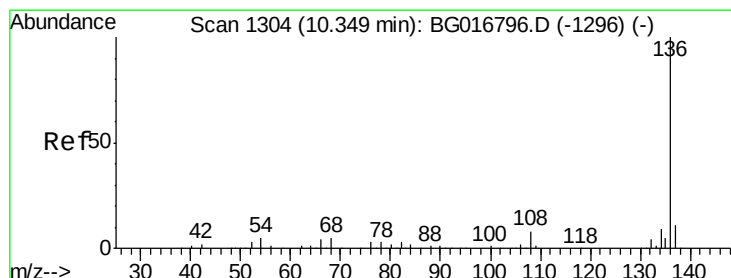
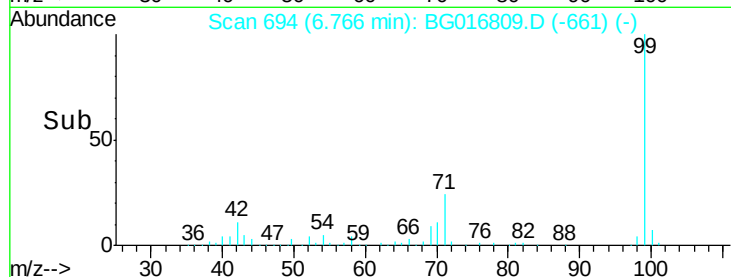
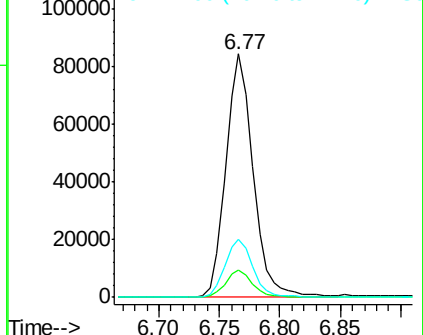
99 100

42 11.0 8.9 13.3

71 24.1 19.0 28.6



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: 10.35 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG016809.D

Acq: 29 Apr 2015 21:15

Tgt Ion: 136 Resp: 185216

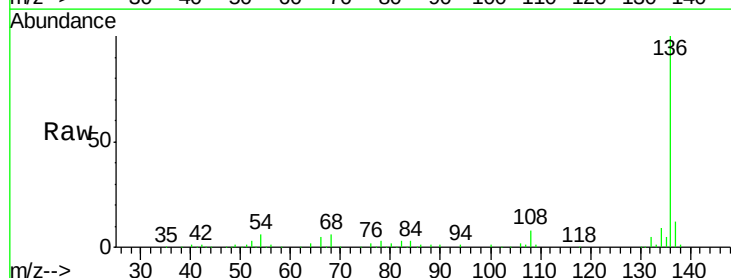
Ion Ratio Lower Upper

136 100

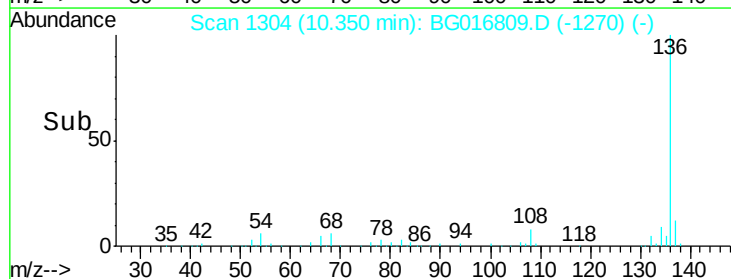
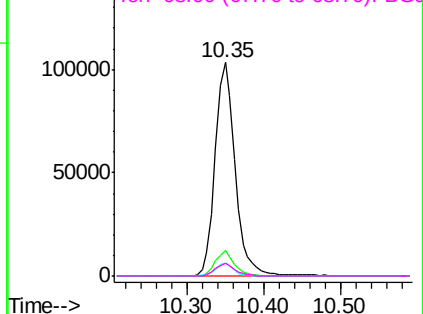
137 11.8 8.6 12.8

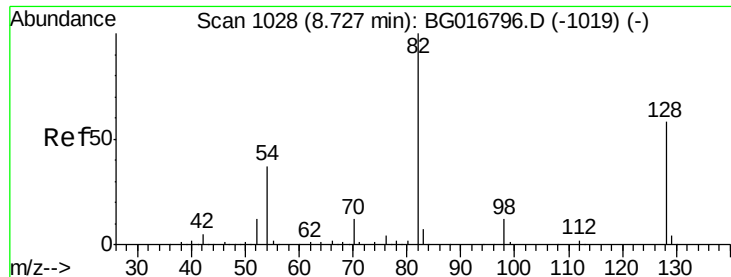
54 6.1 4.3 6.5

68 5.9 4.3 6.5



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

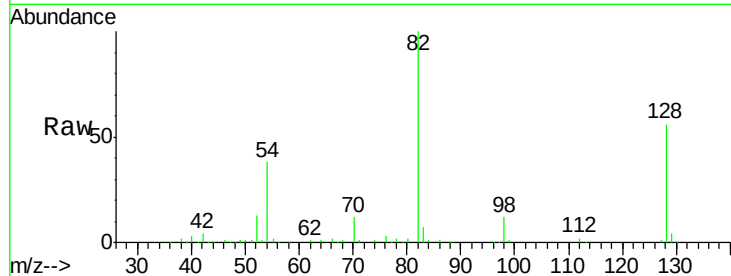




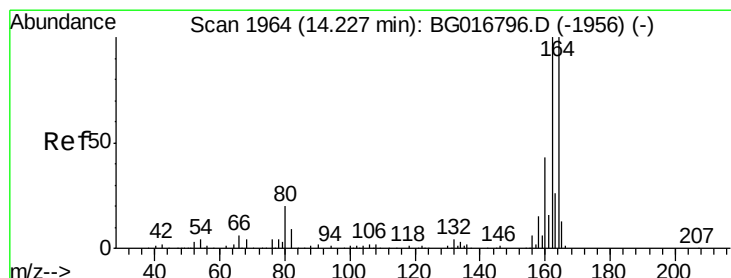
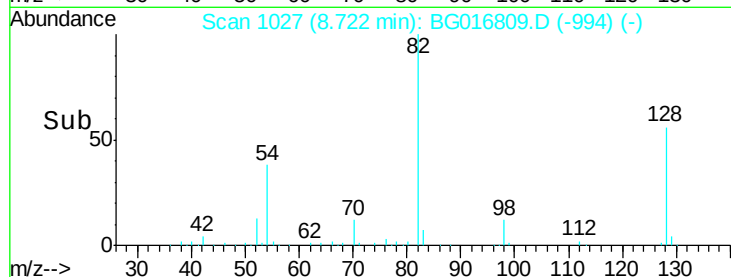
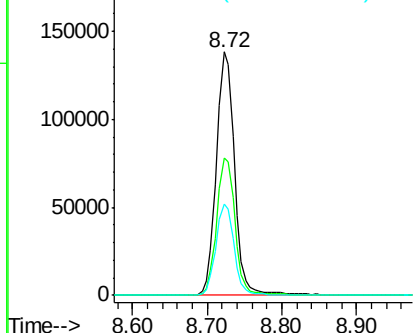
#23
 Nitrobenzene-d5
 Concen: 82.55 ng
 RT: 8.72 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG016809.D
 Acq: 29 Apr 2015 21:15

Instrument :
 BNA_G
 ClientSampled :
 B5GW

Tgt Ion: 82 Resp: 234723
 Ion Ratio Lower Upper
 82 100
 128 56.2 46.3 69.5
 54 37.5 30.0 45.0

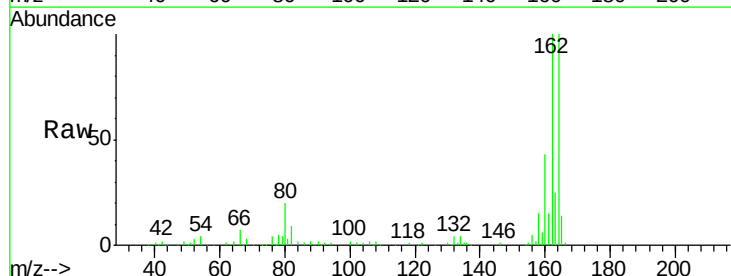


Abundance Ion 82.00 (81.70 to 82.70): BGO
 Ion 128.00 (127.70 to 128.70): BGO
 Ion 54.00 (53.70 to 54.70): BGO

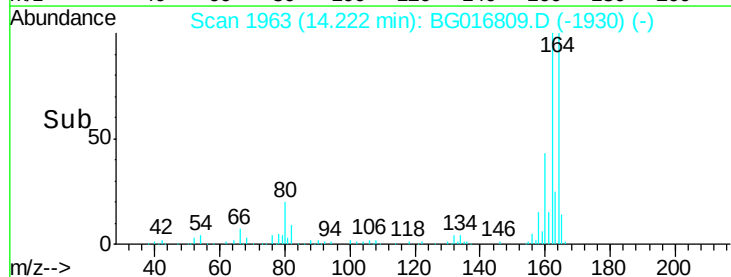
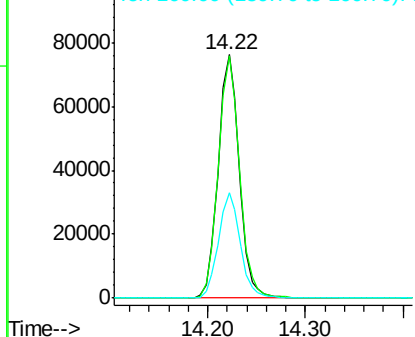


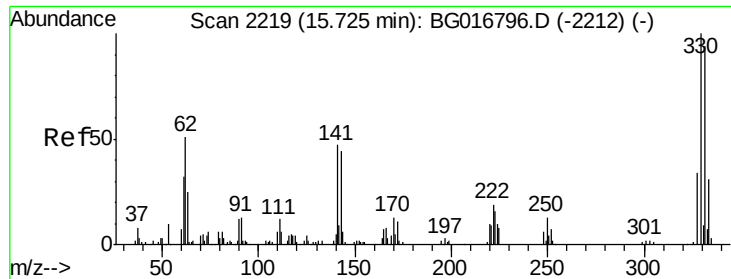
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG016809.D
 Acq: 29 Apr 2015 21:15

Tgt Ion: 164 Resp: 113981
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.2 120.4
 160 43.2 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BGO
 Ion 162.00 (161.70 to 162.70): BGO
 Ion 160.00 (159.70 to 160.70): BGO

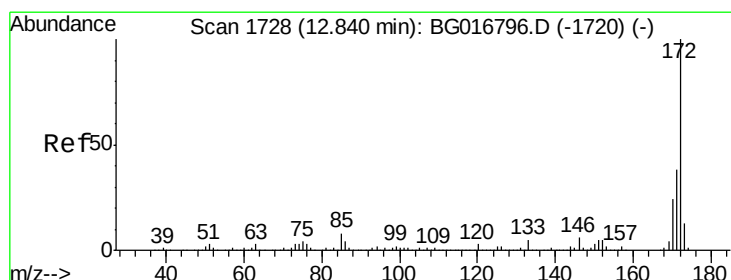
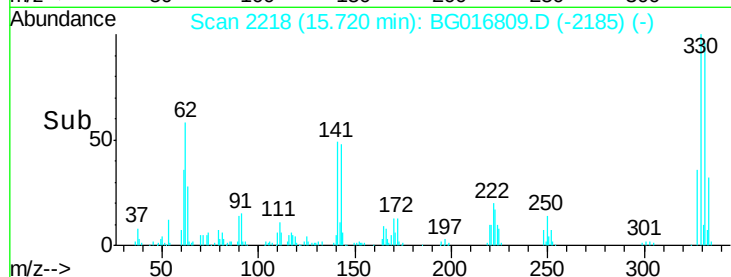
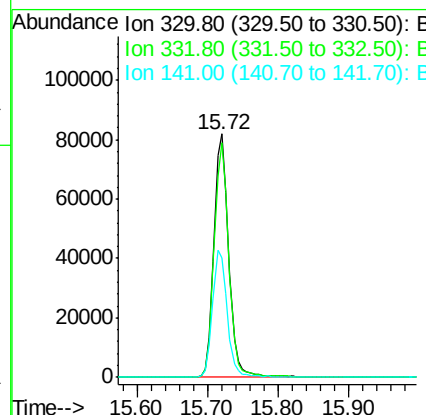
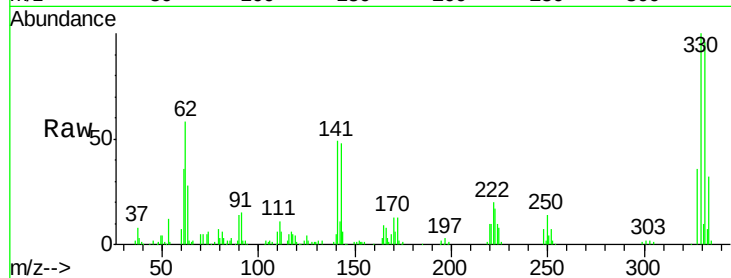




#41
 2,4,6-Tribromophenol
 Concen: 141.87 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG016809.D
 Acq: 29 Apr 2015 21:15

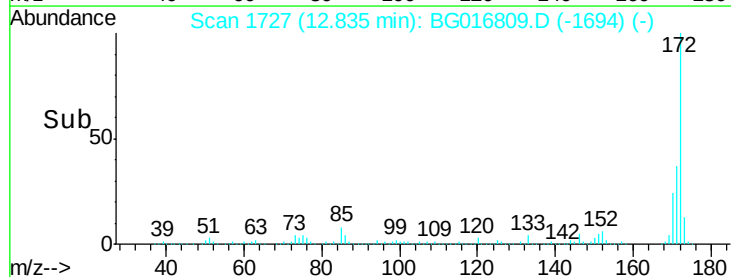
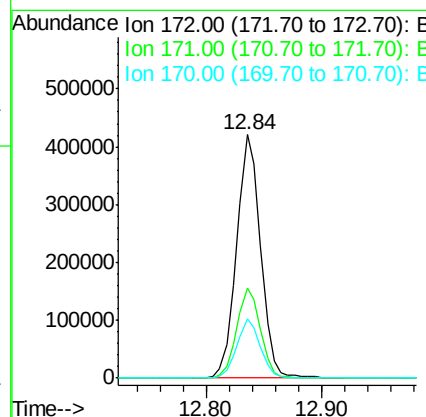
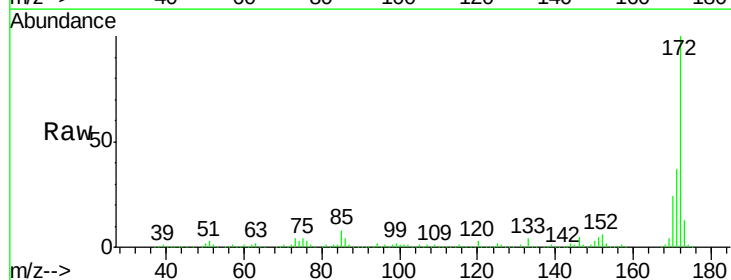
Instrument :
 BNA_G
 ClientSampleId :
 B5GW

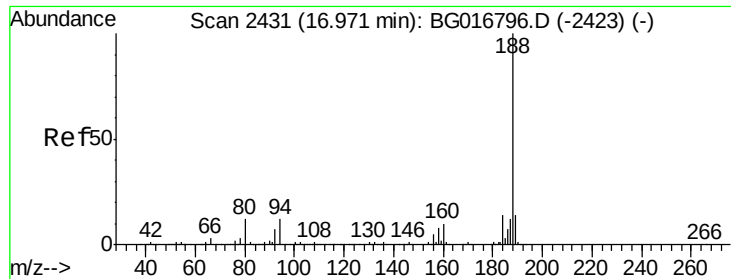
Tgt Ion: 330 Resp: 120436
 Ion Ratio Lower Upper
 330 100
 332 94.1 75.3 112.9
 141 51.4 40.7 61.1



#44
 2-Fluorobiphenyl
 Concen: 82.23 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016809.D
 Acq: 29 Apr 2015 21:15

Tgt Ion: 172 Resp: 605369
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.2 45.4
 170 24.4 19.4 29.0

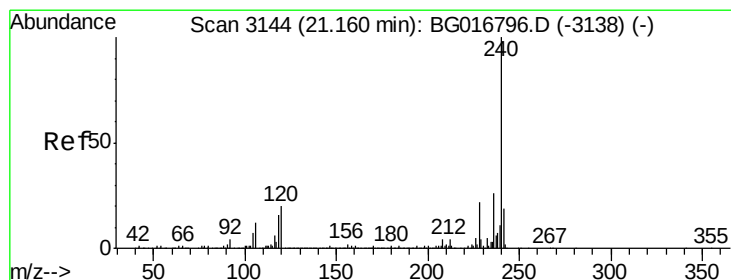
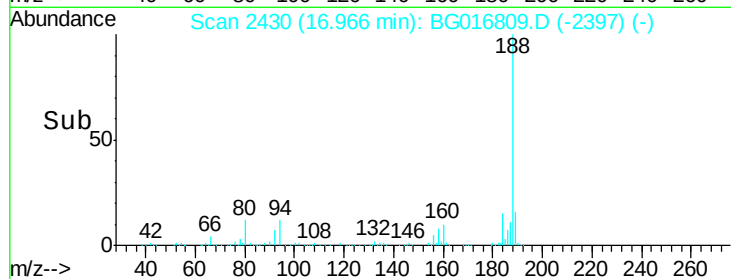
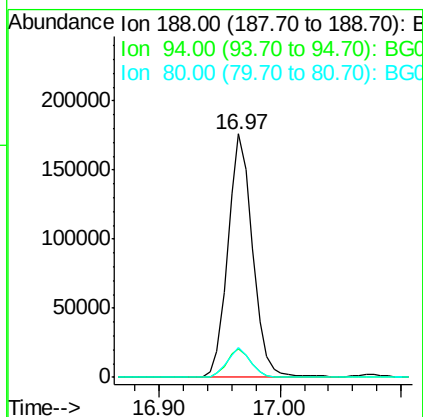
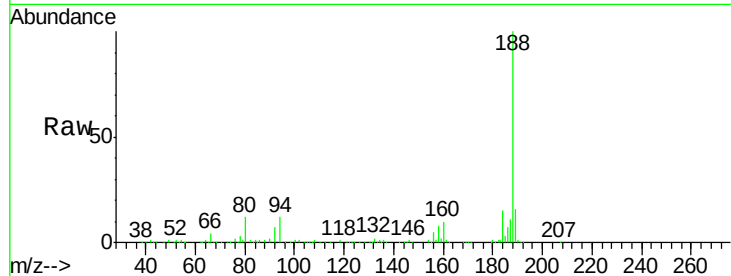




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016809.D
Acq: 29 Apr 2015 21:15

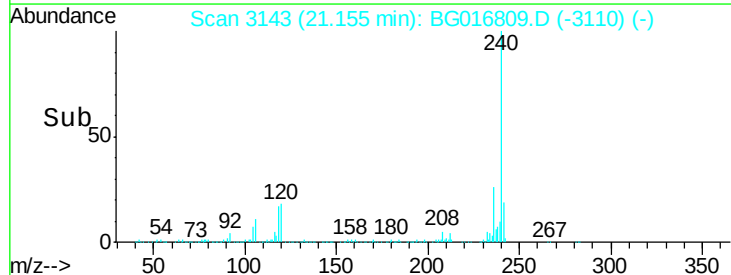
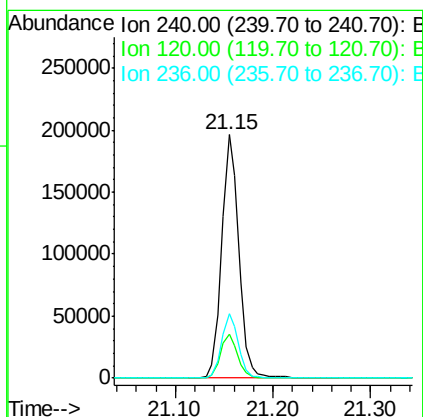
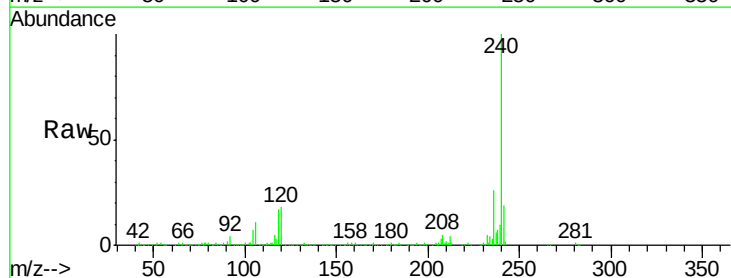
Instrument :
BNA_G
ClientSampleId :
B5GW

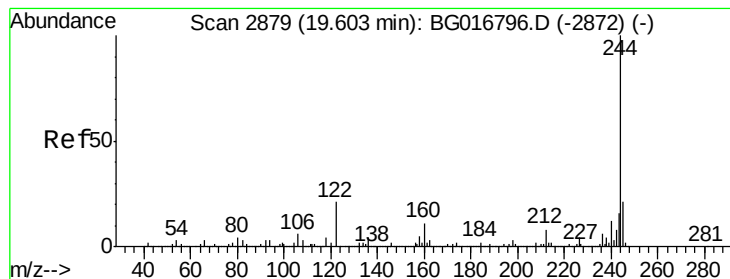
Tgt Ion:188 Resp: 250530
Ion Ratio Lower Upper
188 100
94 11.9 9.5 14.3
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016809.D
Acq: 29 Apr 2015 21:15

Tgt Ion:240 Resp: 238808
Ion Ratio Lower Upper
240 100
120 18.3 16.1 24.1
236 26.3 21.0 31.6





#78

Terphenyl-d14

Concen: 73.07 ng

RT: 19.60 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG016809.D

Acq: 29 Apr 2015 21:15

Instrument :

BNA_G

ClientSampleId :

B5GW

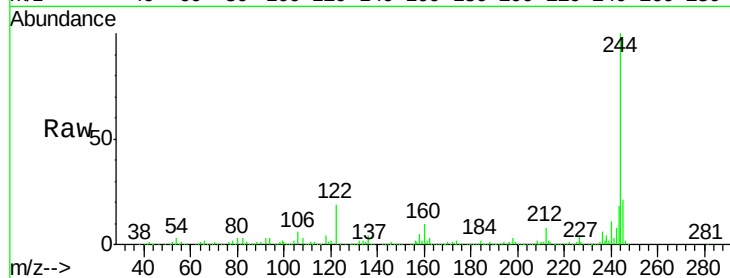
Tgt Ion:244 Resp: 723470

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

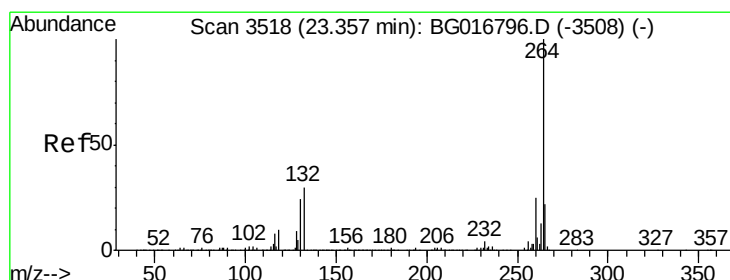
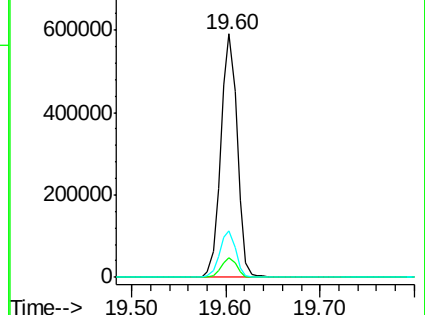
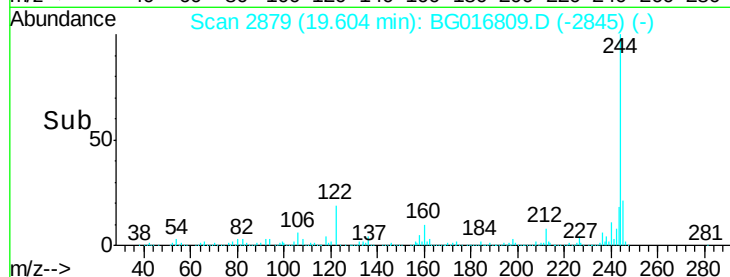
122 19.0 16.4 24.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016809.D

Acq: 29 Apr 2015 21:15

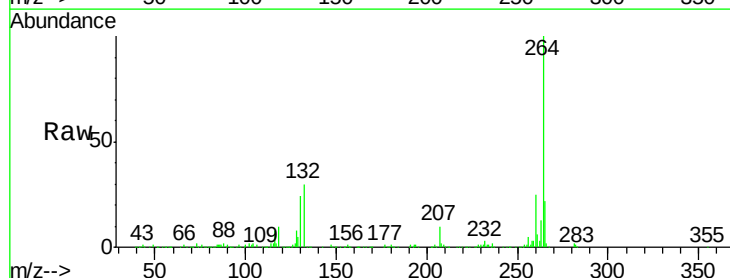
Tgt Ion:264 Resp: 220577

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 22.0 17.4 26.2



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

