

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016826.D
 Acq On : 30 Apr 2015 9:00
 Operator : TP/IZ
 Sample : G2041-05 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-02

Quant Time: Apr 30 15:44:50 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	62265	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	267824	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	146910	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	270250	20.00	ng	0.00
75) Chrysene-d12	21.16	240	231633	20.00	ng	0.00
86) Perylene-d12	23.35	264	221566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	39500	11.69	ng	0.00
7) Phenol-d6	6.77	99	64673	13.63	ng	0.00
23) Nitrobenzene-d5	8.72	82	31701	7.71	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	13936	12.74	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	78206	8.24	ng	0.00
78) Terphenyl-d14	19.61	244	77451	8.07	ng	0.00

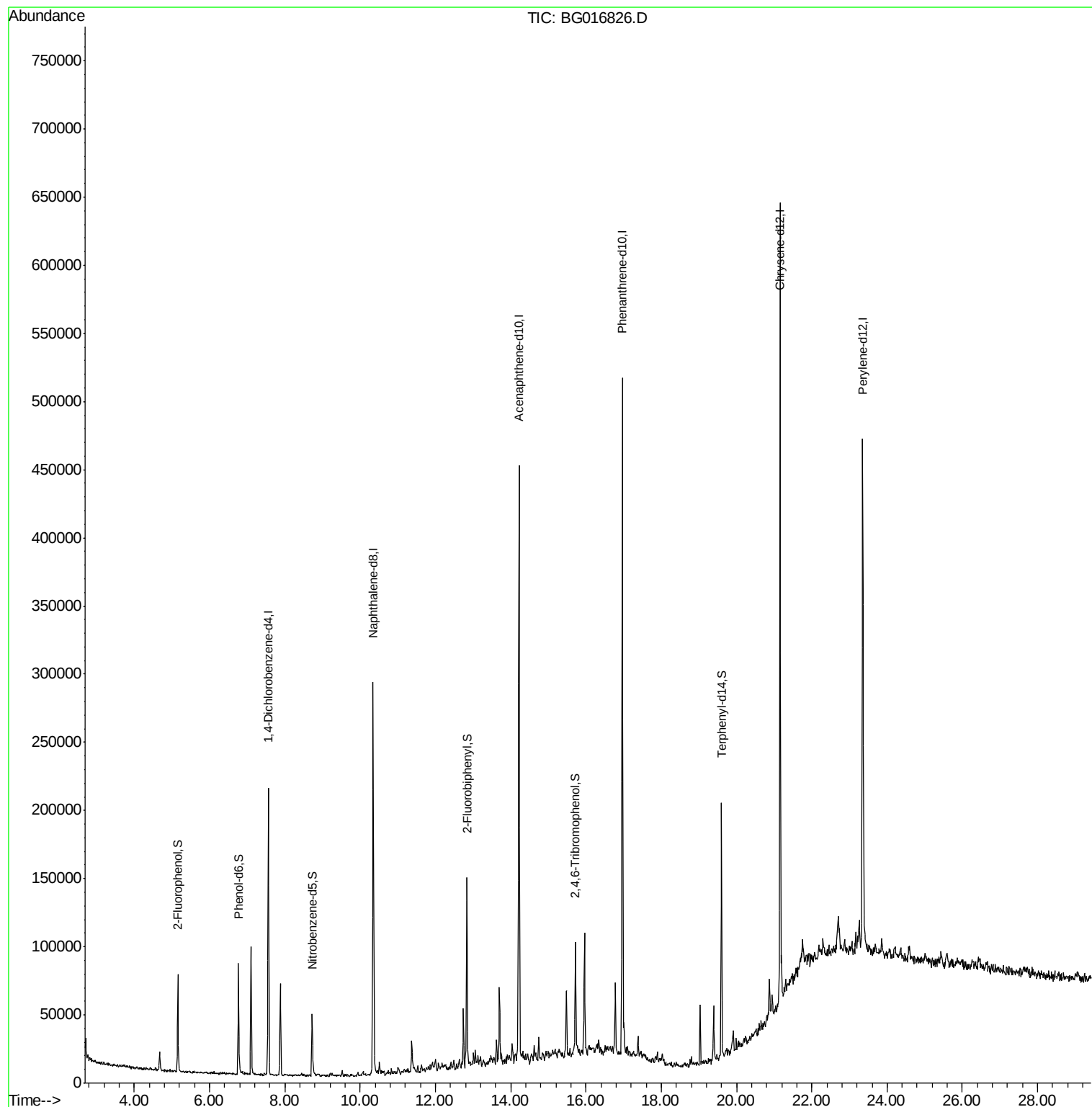
Target Compounds Qvalue

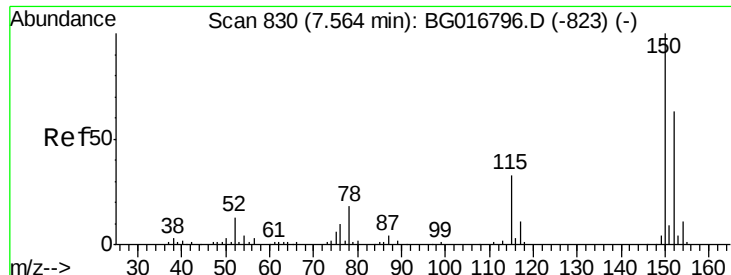
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG016826.D

Acq: 30 Apr 2015 9:00

Instrument :

BNA_G

ClientSampleId :

SP-02

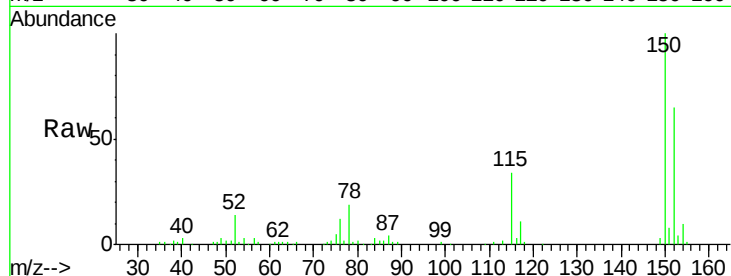
Tot Ion:152 Resp: 62265

Ion Ratio Lower Upper

152 100

150 154.8 126.2 189.4

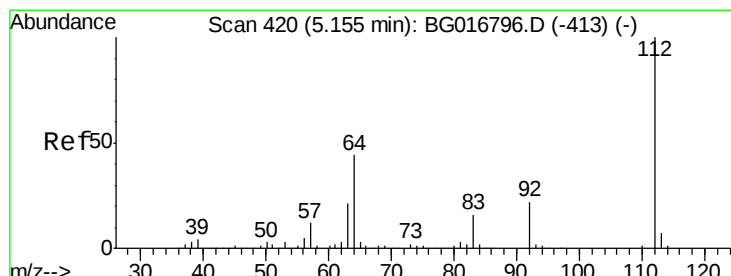
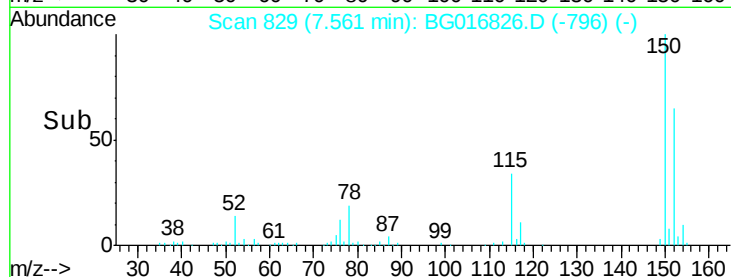
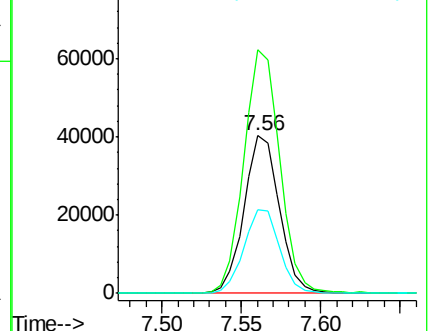
115 53.3 41.1 61.7



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: 11.69 ng

RT: 5.16 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG016826.D

Acq: 30 Apr 2015 9:00

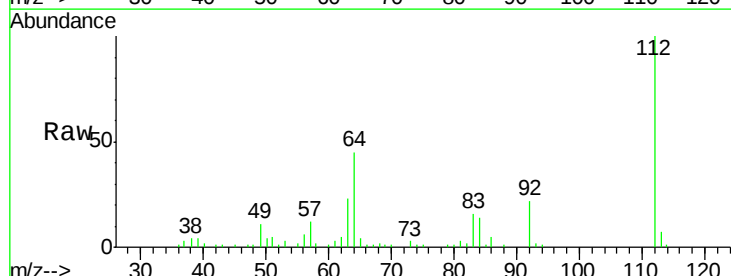
Tgt Ion:112 Resp: 39500

Ion Ratio Lower Upper

112 100

64 44.9 35.5 53.3

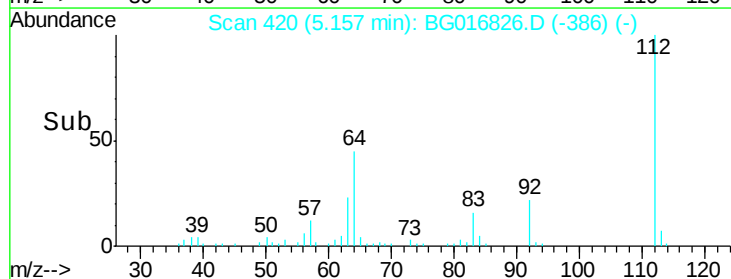
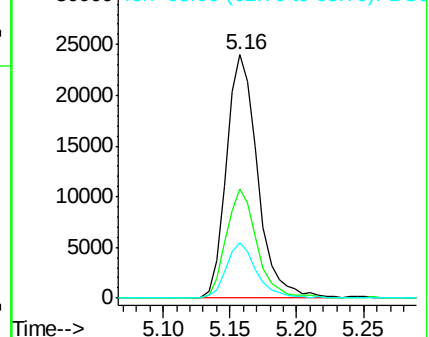
63 22.6 17.2 25.8

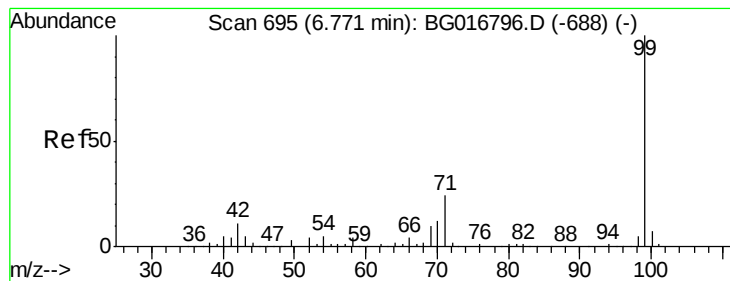


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 13.63 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016826.D

Acq: 30 Apr 2015 9:00

Instrument :

BNA_G

ClientSampled :

SP-02

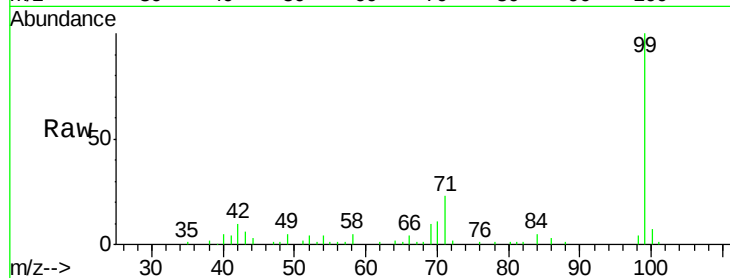
Tot Ion: 99 Resp: 64673

Ion Ratio Lower Upper

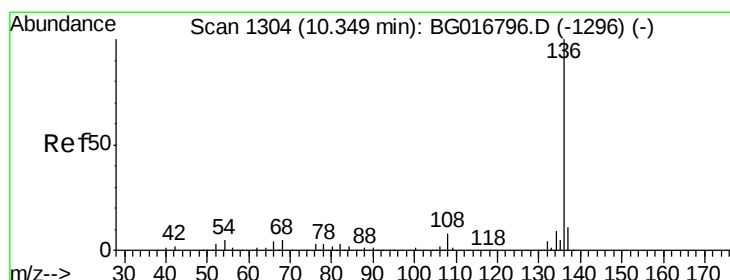
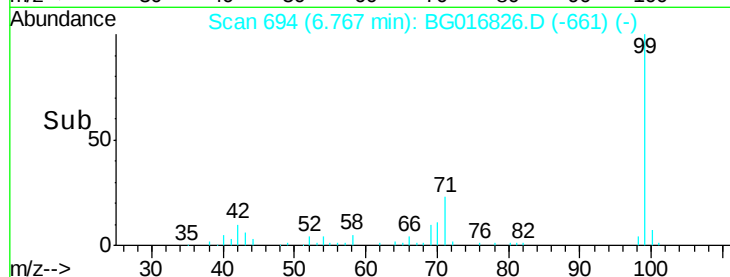
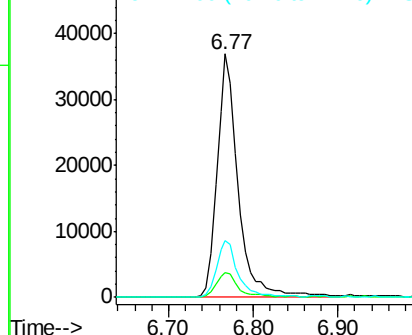
99 100

42 10.2 8.9 13.3

71 23.2 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# 1303

Delta R.T. -0.00 min

Lab File: BG016826.D

Acq: 30 Apr 2015 9:00

Tgt Ion: 136 Resp: 267824

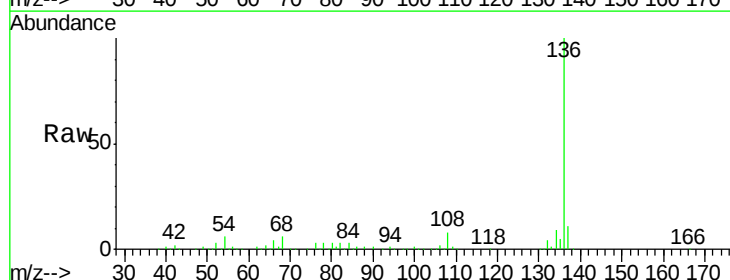
Ion Ratio Lower Upper

136 100

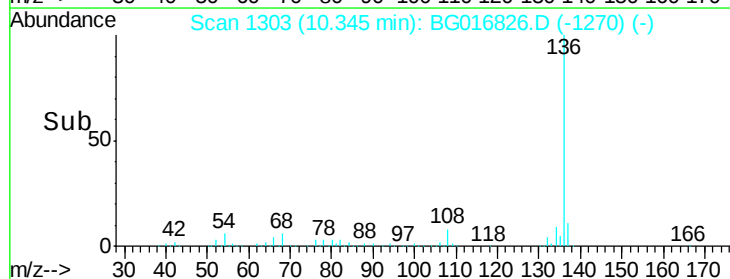
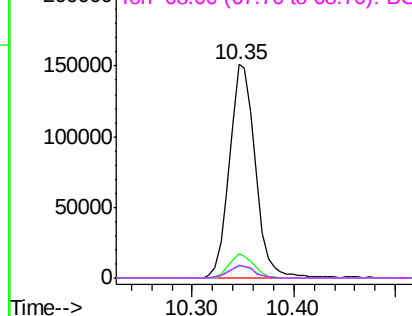
137 11.5 8.6 12.8

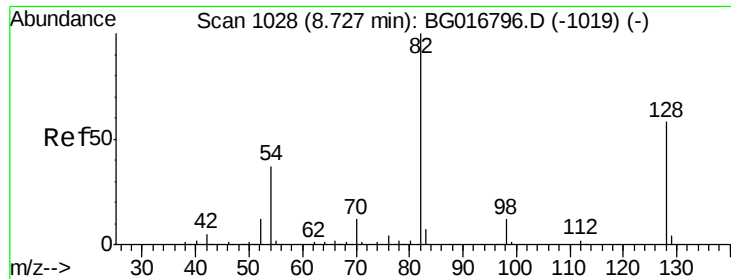
54 5.7 4.3 6.5

68 6.1 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

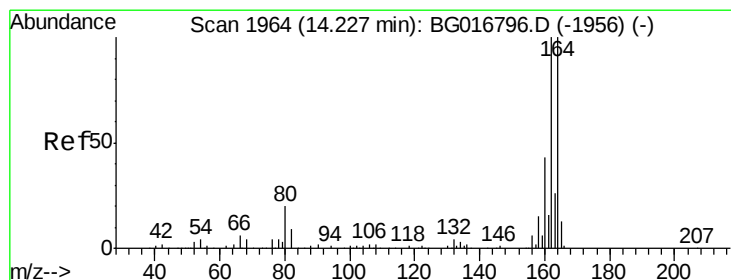
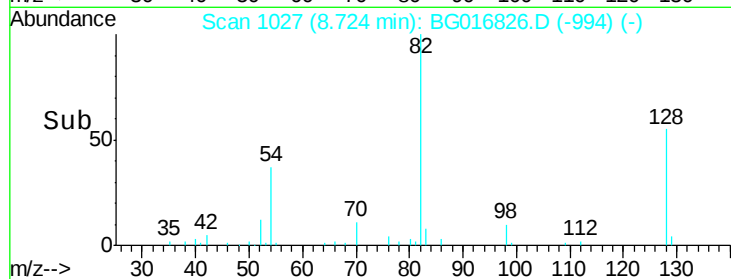
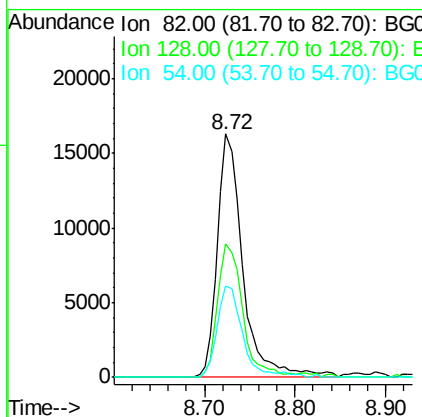
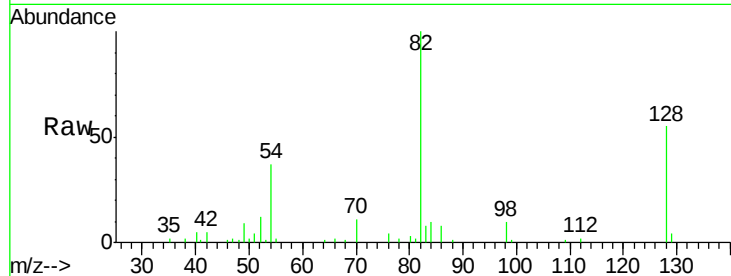




#23
Nitrobenzene-d5
Concen: 7.71 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG016826.D
Acq: 30 Apr 2015 9:00

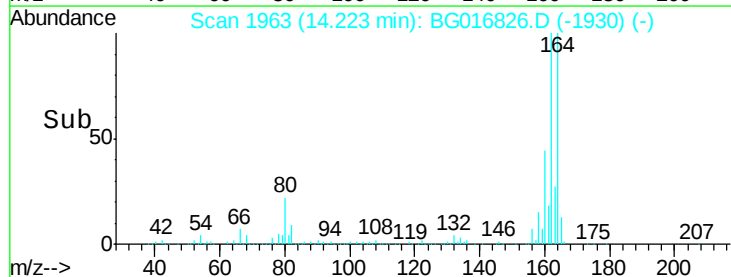
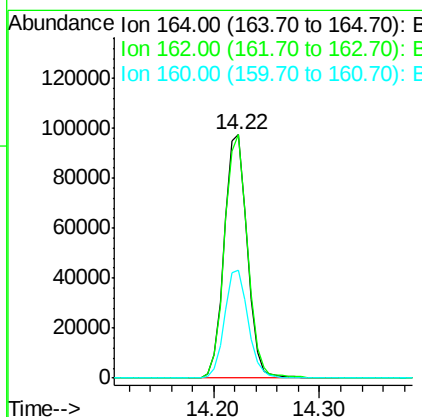
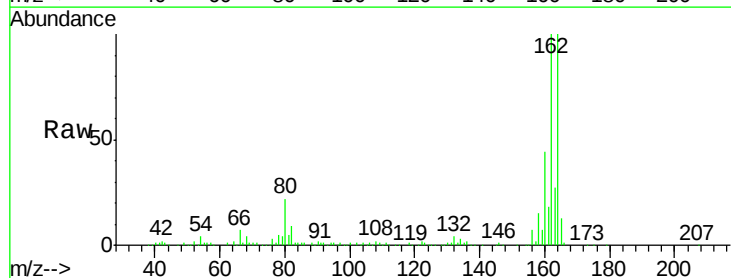
Instrument :
BNA_G
ClientSampleId :
SP-02

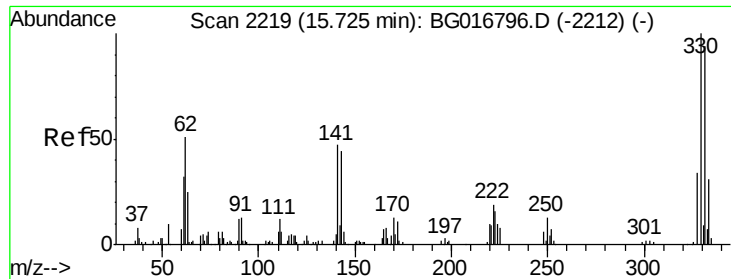
Tot Ion: 82 Resp: 31701
Ion Ratio Lower Upper
82 100
128 55.1 46.3 69.5
54 37.4 30.0 45.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG016826.D
Acq: 30 Apr 2015 9:00

Tgt Ion:164 Resp: 146910
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.4
160 44.4 34.8 52.2

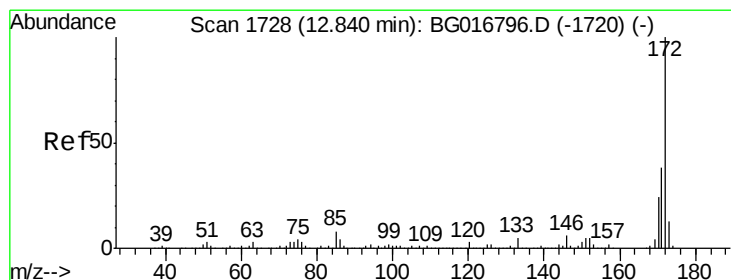
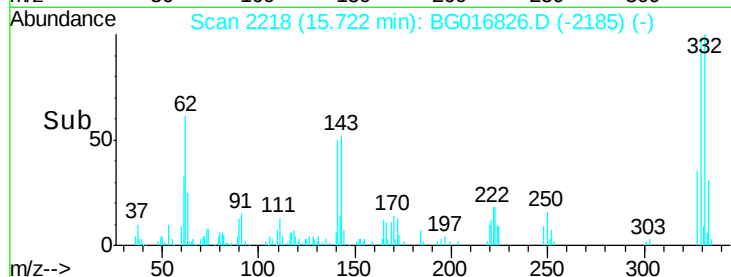
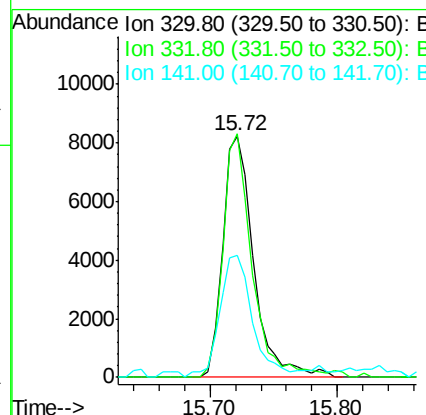
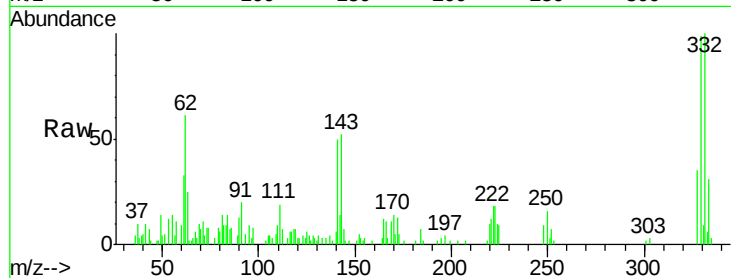




#41
 2,4,6-Tribromophenol
 Concen: 12.74 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG016826.D
 Acq: 30 Apr 2015 9:00

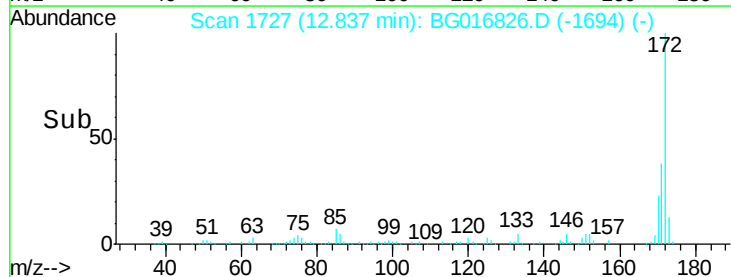
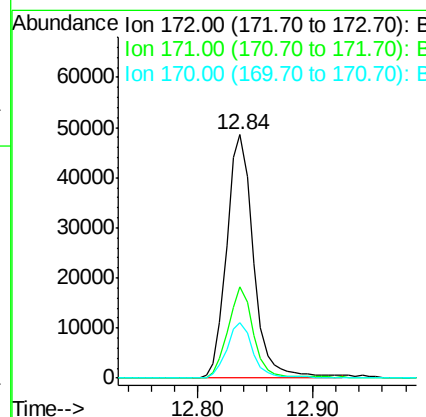
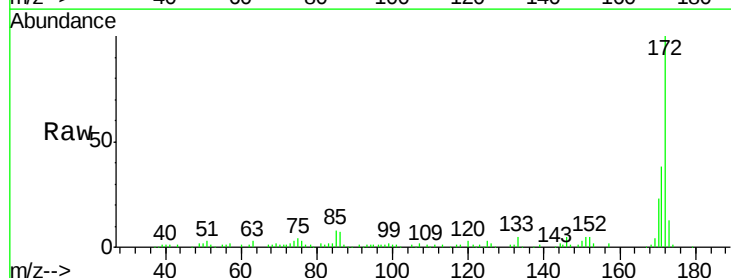
Instrument :
 BNA_G
 ClientSampled :
 SP-02

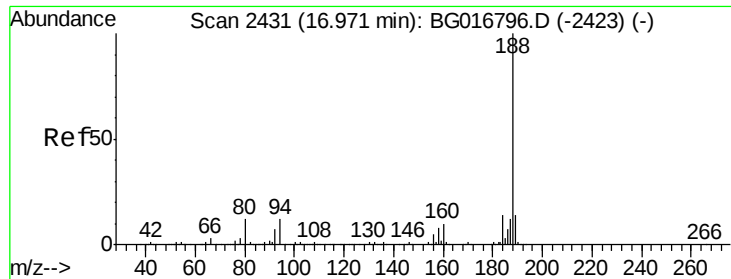
Tot Ion:330 Resp: 13936
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.3 112.9
 141 54.6 40.7 61.1



#44
 2-Fluorobiphenyl
 Concen: 8.24 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016826.D
 Acq: 30 Apr 2015 9:00

Tgt Ion:172 Resp: 78206
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.2 45.4
 170 23.0 19.4 29.0

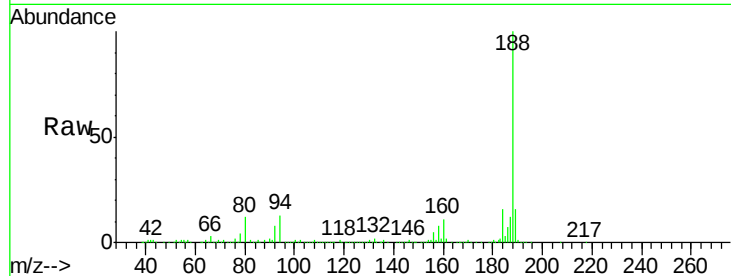




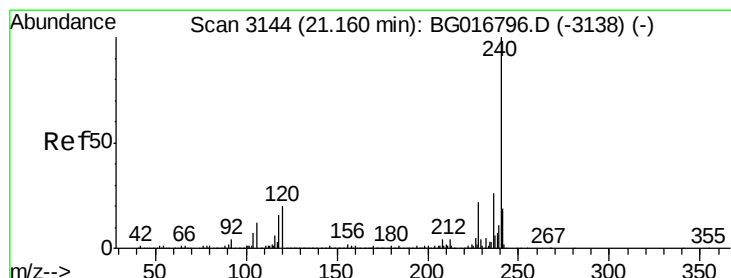
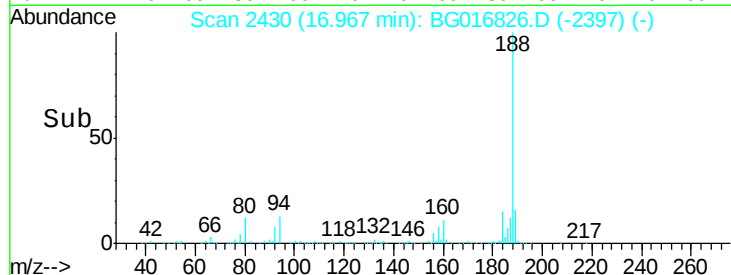
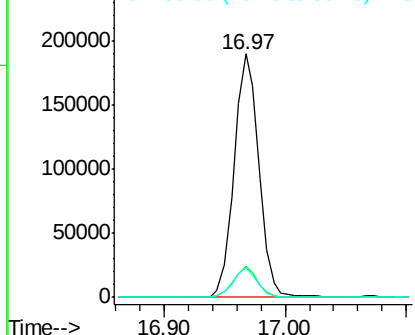
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016826.D
Acq: 30 Apr 2015 9:00

Instrument :
BNA_G
ClientSampleId :
SP-02

Tot Ion:188 Resp: 270250
Ion Ratio Lower Upper
188 100
94 12.8 9.5 14.3
80 12.1 9.2 13.8

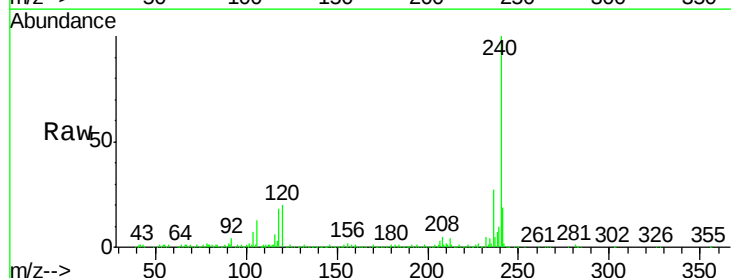


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

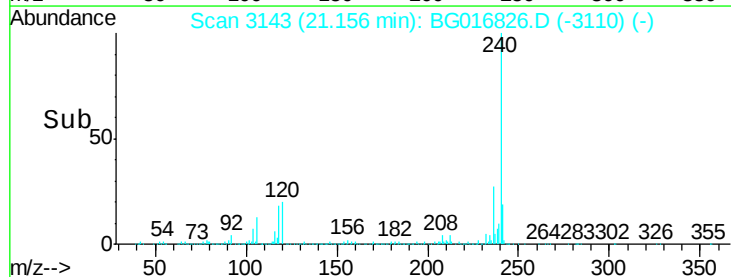
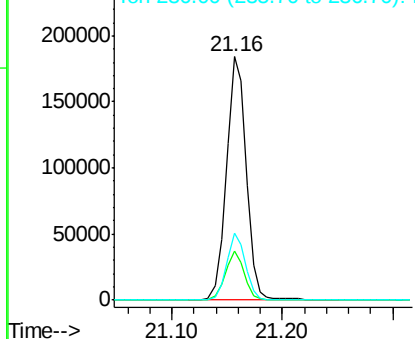


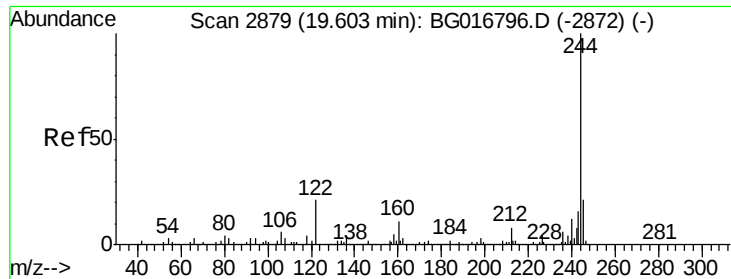
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016826.D
Acq: 30 Apr 2015 9:00

Tgt Ion:240 Resp: 231633
Ion Ratio Lower Upper
240 100
120 20.3 16.1 24.1
236 27.5 21.0 31.6



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: 8.07 ng

RT: 19.61 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG016826.D

Acq: 30 Apr 2015 9:00

Instrument :

BNA_G

ClientSampleId :

SP-02

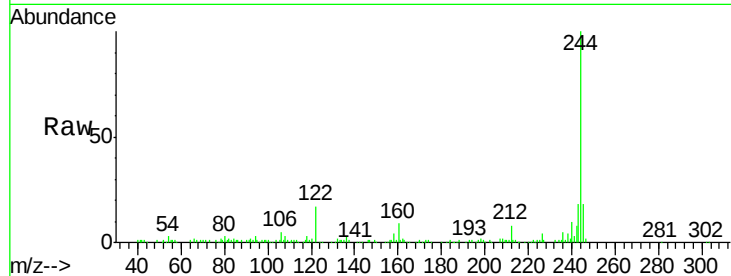
Tot Ion:244 Resp: 77451

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

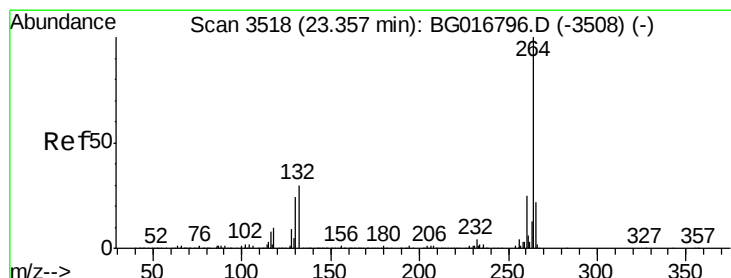
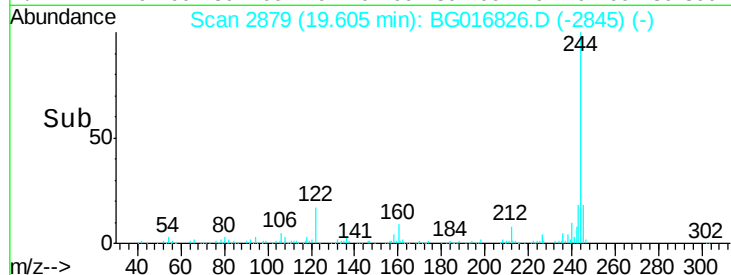
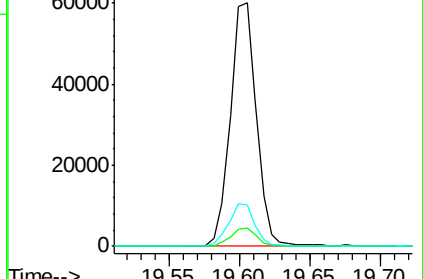
122 16.8 16.4 24.6



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: BG016826.D

Acq: 30 Apr 2015 9:00

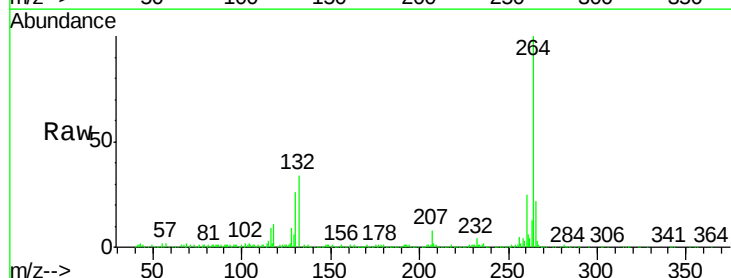
Tgt Ion:264 Resp: 221566

Ion Ratio Lower Upper

264 100

260 24.7 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

