

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050115\
 Data File : BG016850.D
 Acq On : 1 May 2015 18:13
 Operator : TP/IZ
 Sample : G2032-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3GW

Quant Time: May 02 00:04:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 23:47:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	48231	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	209014	20.00	ng	0.00
38) Acenaphthene-d10	13.94	164	119816	20.00	ng	0.00
63) Phenanthrene-d10	16.70	188	252838	20.00	ng	0.00
75) Chrysene-d12	20.91	240	232946	20.00	ng	0.00
86) Perylene-d12	22.98	264	215860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.87	112	160502	61.30	ng	0.00
7) Phenol-d6	6.48	99	131092	35.67	ng	0.00
23) Nitrobenzene-d5	8.42	82	291637	90.89	ng	0.00
41) 2,4,6-Tribromophenol	15.45	330	139974	156.86	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	706134	91.25	ng	0.00
78) Terphenyl-d14	19.36	244	792060	82.01	ng	0.00

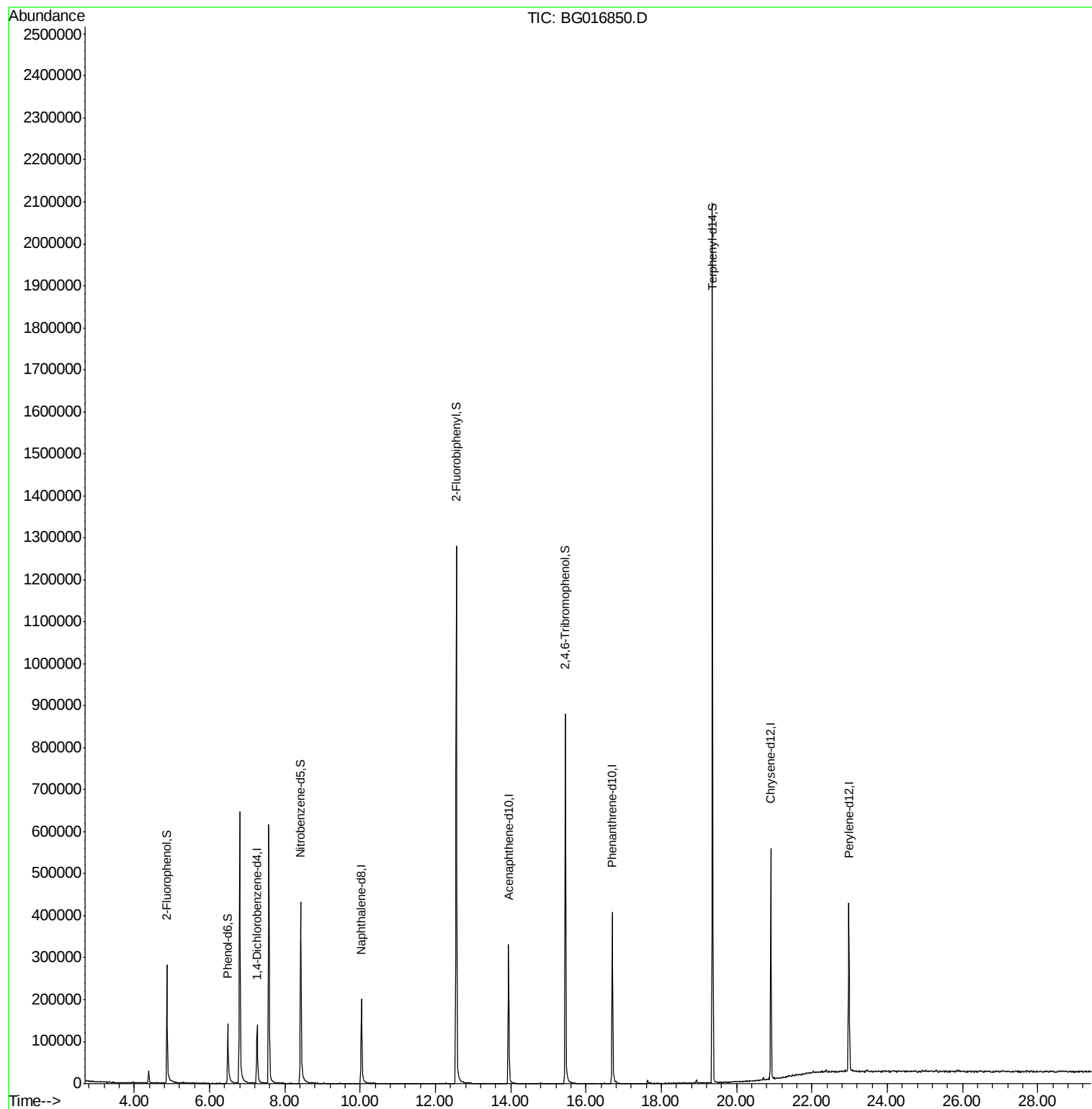
Target Compounds	Qvalue
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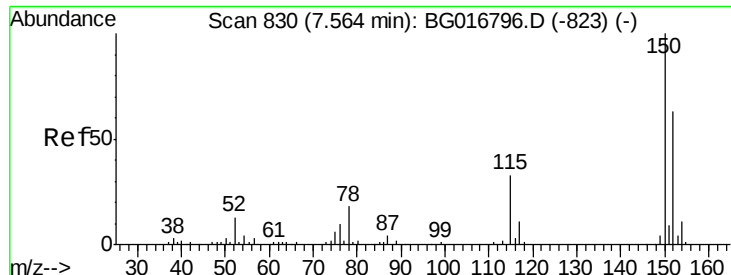
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG016850.D

Acq: 1 May 2015 18:13

Instrument :

BNA_G

ClientSampleId :

B3GW

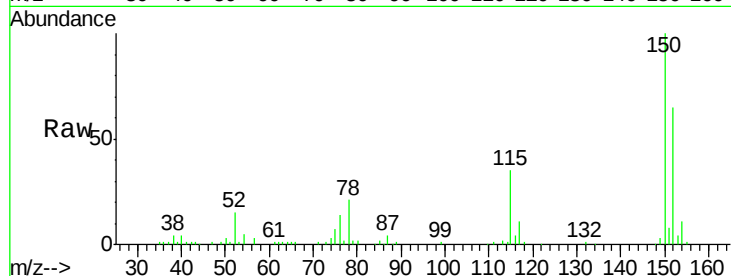
Tgt Ion:152 Resp: 48231

Ion Ratio Lower Upper

152 100

150 154.2 126.2 189.4

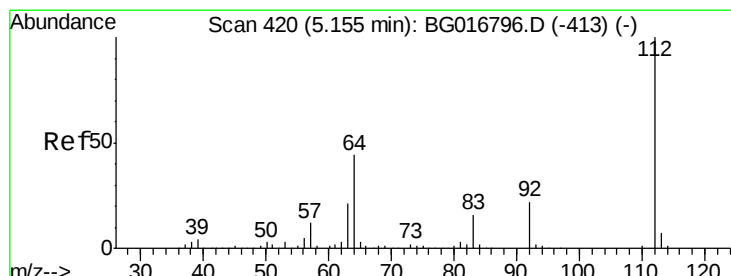
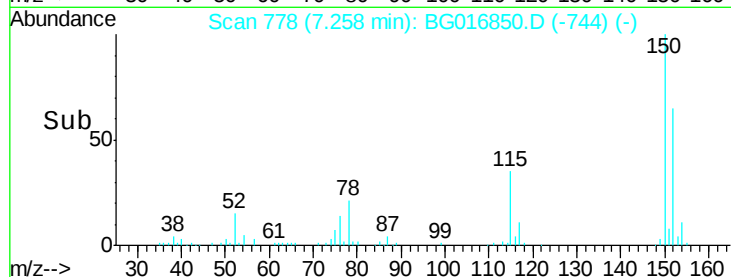
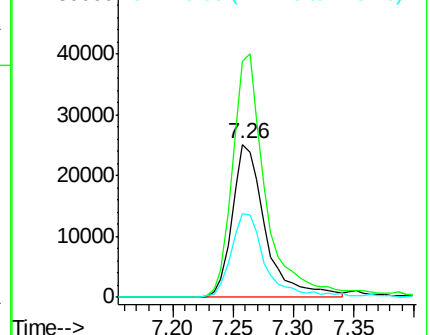
115 54.4 41.1 61.7



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: 61.30 ng

RT: 4.87 min Scan# 371

Delta R.T. 0.01 min

Lab File: BG016850.D

Acq: 1 May 2015 18:13

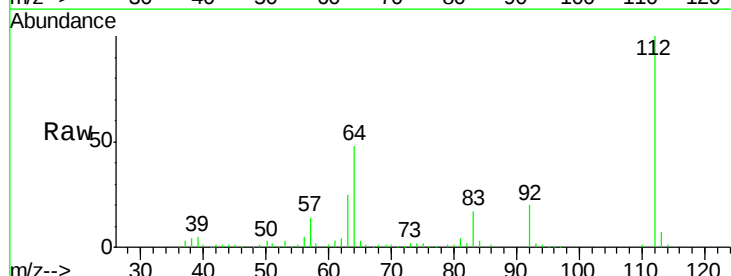
Tgt Ion:112 Resp: 160502

Ion Ratio Lower Upper

112 100

64 47.6 35.5 53.3

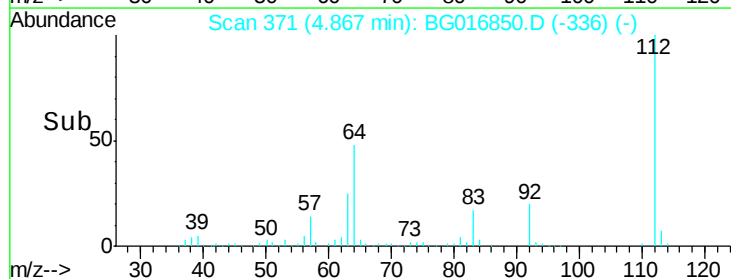
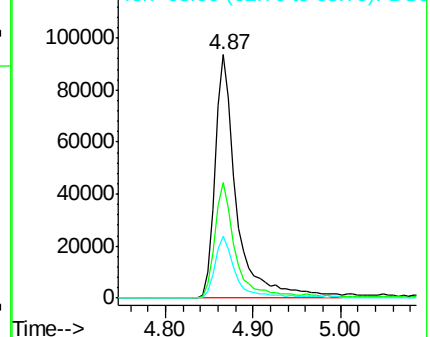
63 25.4 17.2 25.8

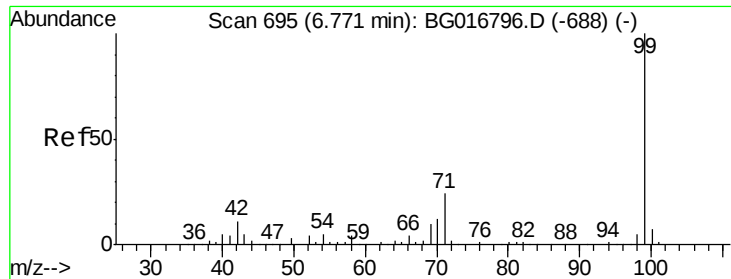


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.67 ng

RT: 6.48 min Scan# 646

Delta R.T. 0.01 min

Lab File: BG016850.D

Acq: 1 May 2015 18:13

Instrument :

BNA_G

ClientSampleId :

B3GW

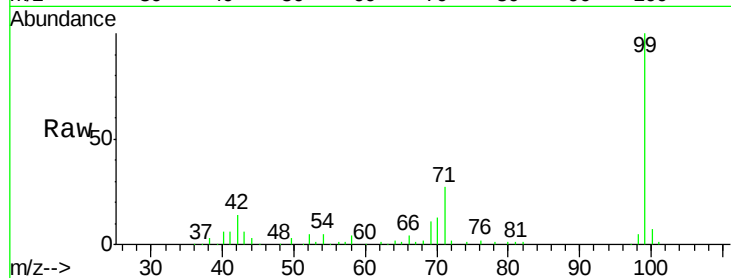
Tgt Ion: 99 Resp: 131092

Ion Ratio Lower Upper

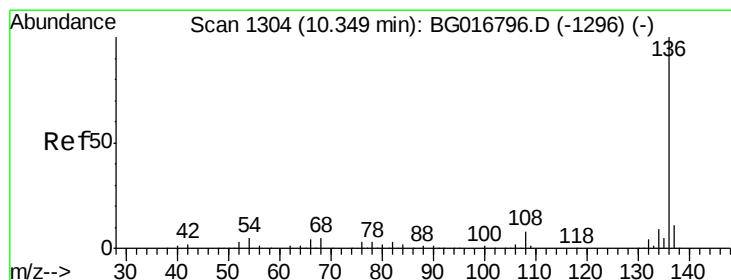
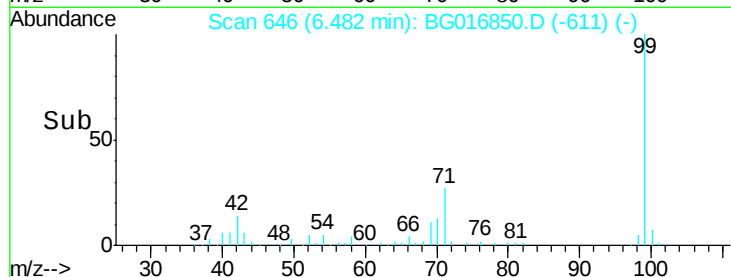
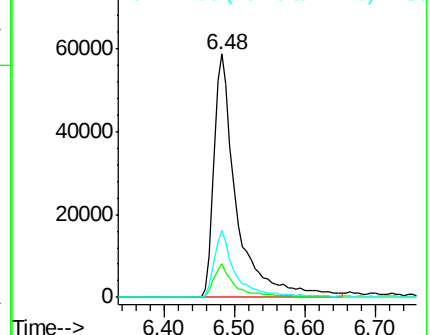
99 100

42 13.9 8.9 13.3#

71 27.4 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: 10.03 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BG016850.D

Acq: 1 May 2015 18:13

Tgt Ion: 136 Resp: 209014

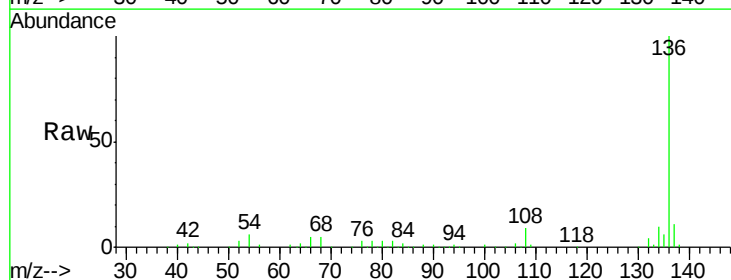
Ion Ratio Lower Upper

136 100

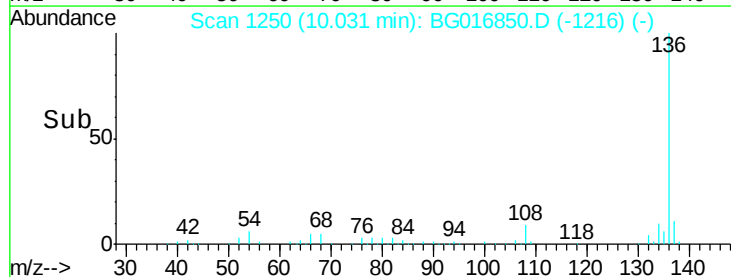
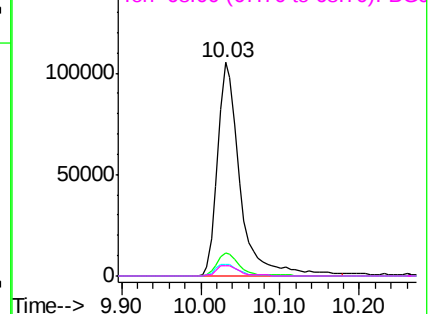
137 11.1 8.6 12.8

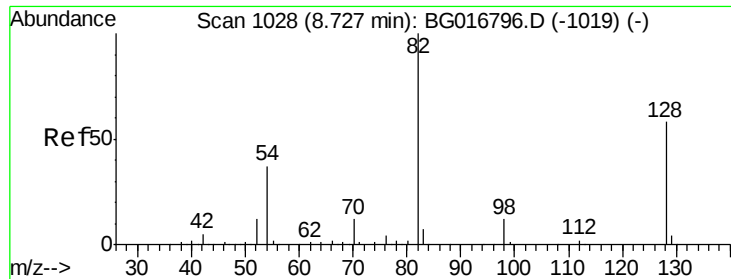
54 5.7 4.3 6.5

68 4.6 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

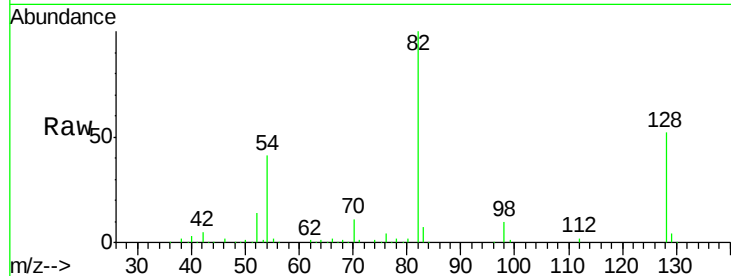




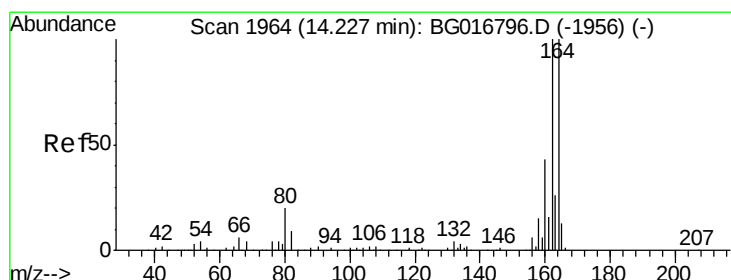
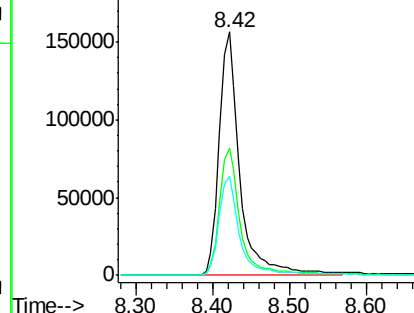
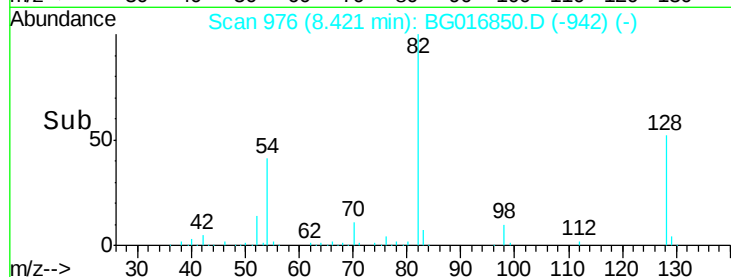
#23
 Nitrobenzene-d5
 Concen: 90.89 ng
 RT: 8.42 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BG016850.D
 Acq: 1 May 2015 18:13

Instrument :
 BNA_G
 ClientSampleId :
 B3GW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.4	46.3	69.5
54	40.5	30.0	45.0

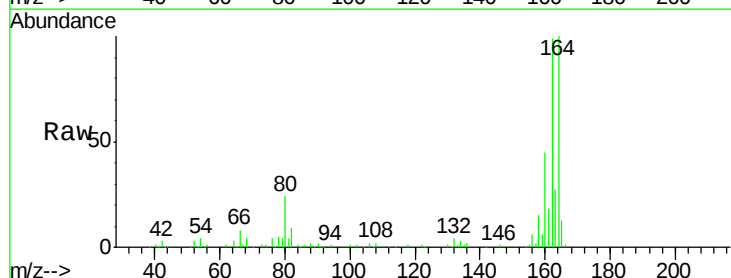


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

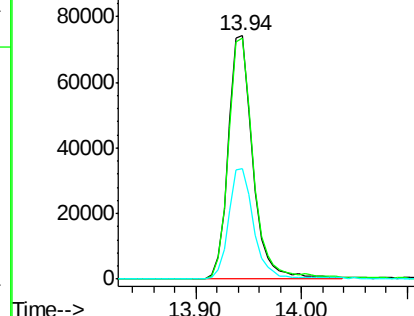
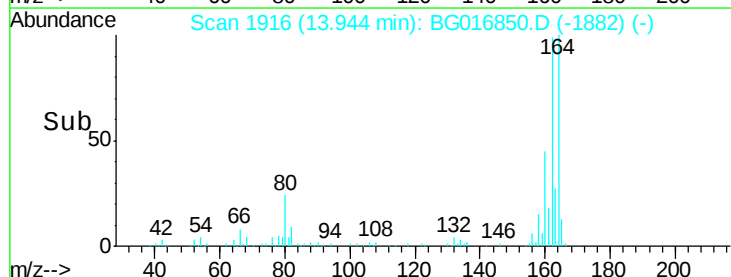


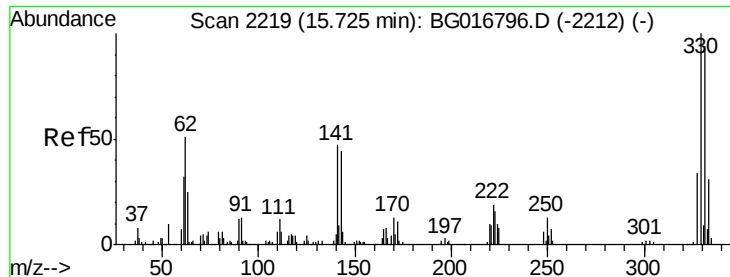
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BG016850.D
 Acq: 1 May 2015 18:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.4
160	45.5	34.8	52.2



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

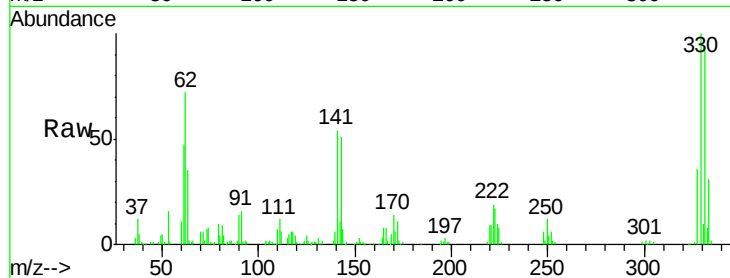




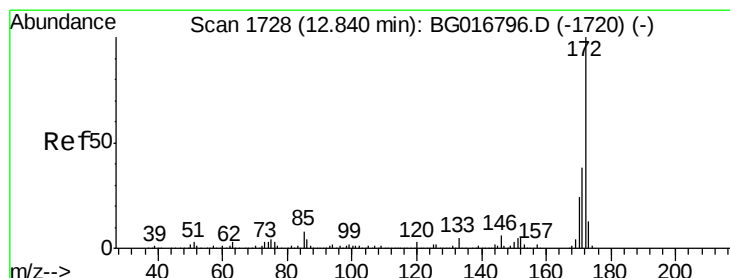
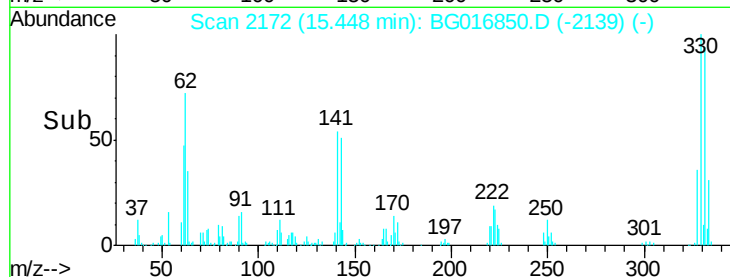
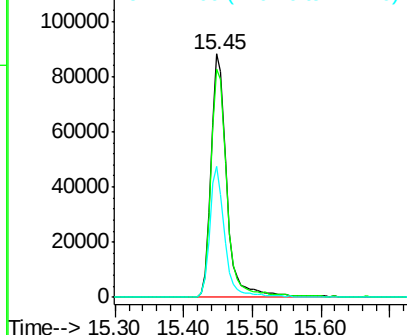
#41
 2,4,6-Tribromophenol
 Concen: 156.86 ng
 RT: 15.45 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG016850.D
 Acq: 1 May 2015 18:13

Instrument :
 BNA_G
 ClientSampleId :
 B3GW

Tgt Ion: 330 Resp: 139974
 Ion Ratio Lower Upper
 330 100
 332 93.4 75.3 112.9
 141 51.2 40.7 61.1

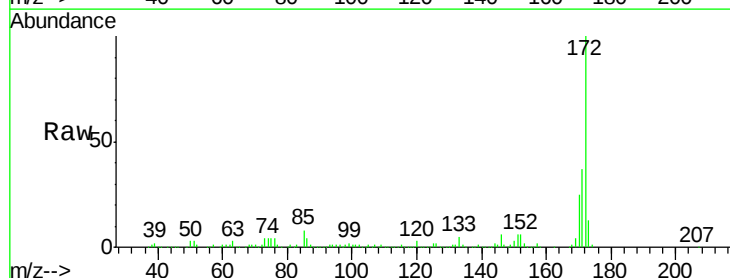


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

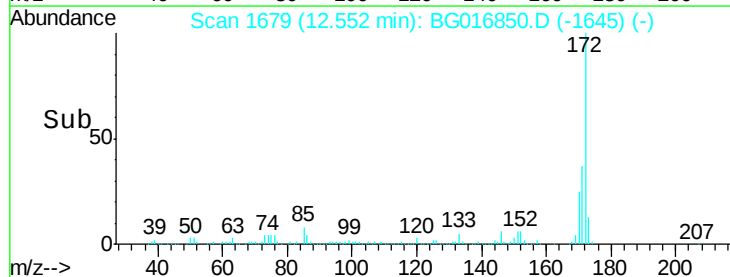
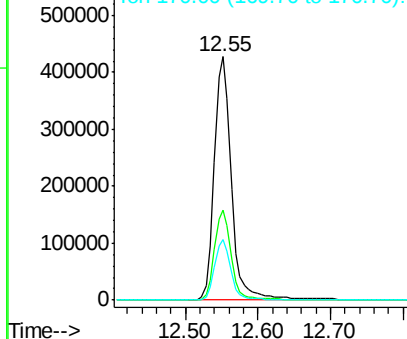


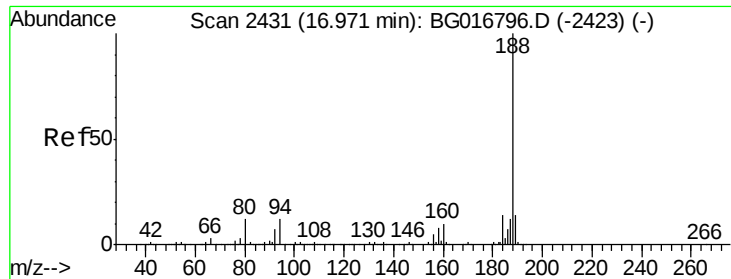
#44
 2-Fluorobiphenyl
 Concen: 91.25 ng
 RT: 12.55 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG016850.D
 Acq: 1 May 2015 18:13

Tgt Ion: 172 Resp: 706134
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.2 45.4
 170 25.1 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: 16.70 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG016850.D

Acq: 1 May 2015 18:13

Instrument :

BNA_G

ClientSampleId :

B3GW

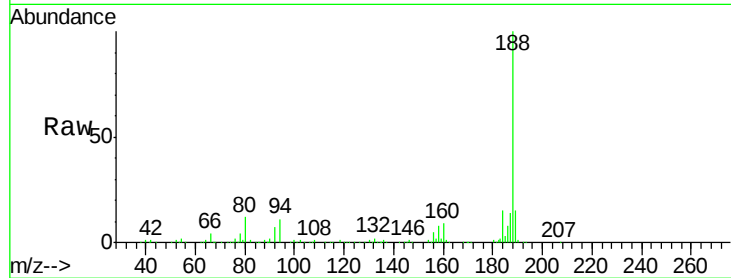
Tgt Ion:188 Resp: 252838

Ion Ratio Lower Upper

188 100

94 10.8 9.5 14.3

80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

200000

150000

100000

50000

0

16.70

150000

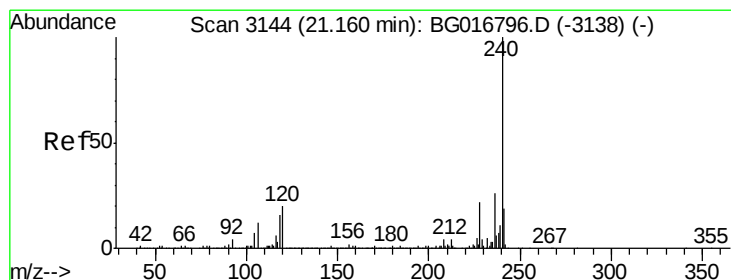
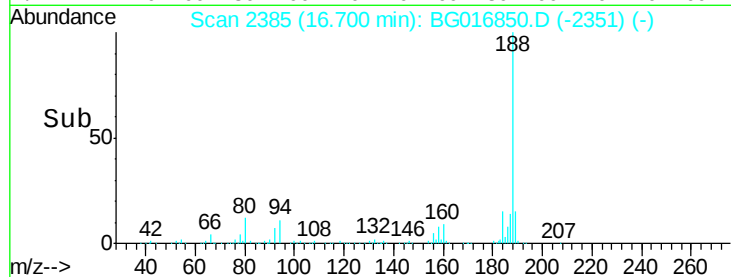
100000

50000

0

16.60 16.70 16.80

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.91 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BG016850.D

Acq: 1 May 2015 18:13

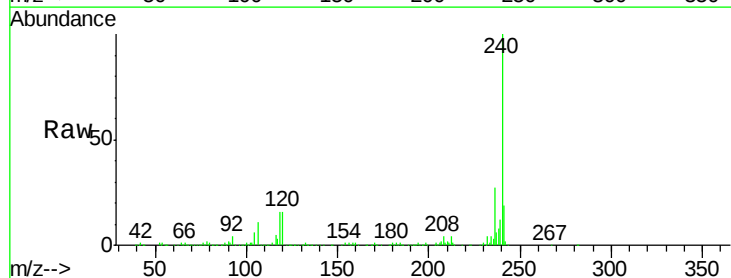
Tgt Ion:240 Resp: 232946

Ion Ratio Lower Upper

240 100

120 16.4 16.1 24.1

236 26.7 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

200000

150000

100000

50000

0

20.91

150000

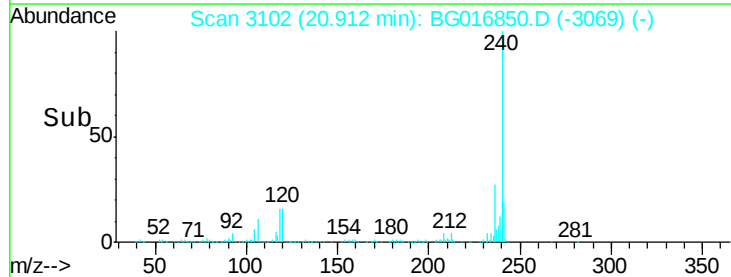
100000

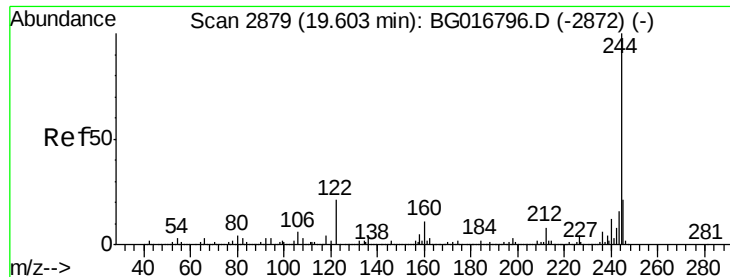
50000

0

20.80 20.90 21.00

Time-->





#78

Terphenyl-d14

Concen: 82.01 ng

RT: 19.36 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG016850.D

Acq: 1 May 2015 18:13

Instrument :

BNA_G

ClientSampleId :

B3GW

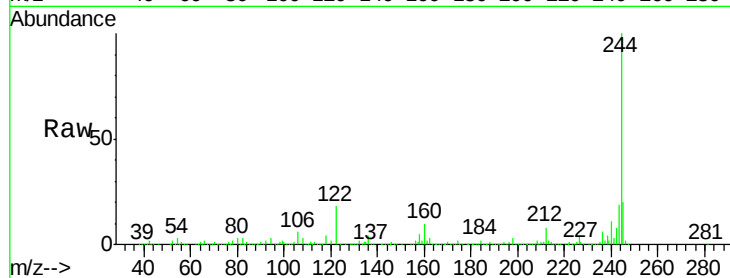
Tgt Ion:244 Resp: 792060

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

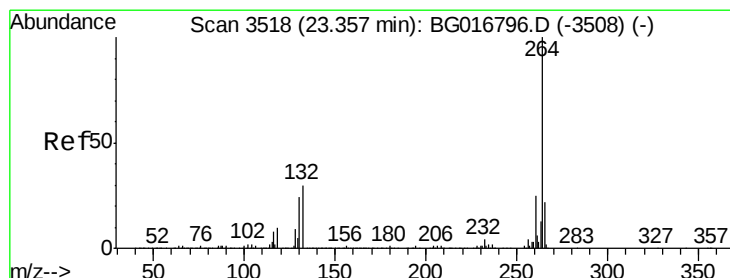
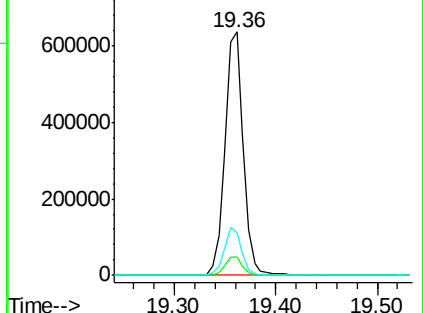
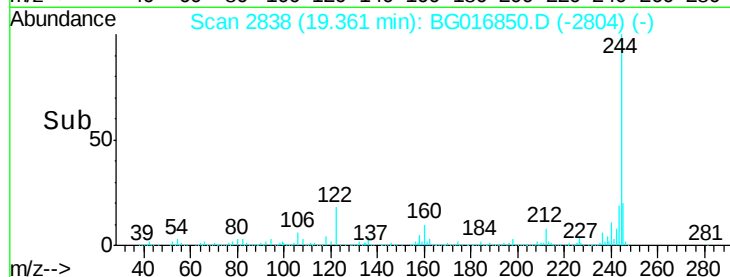
122 17.7 16.4 24.6



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: 22.98 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BG016850.D

Acq: 1 May 2015 18:13

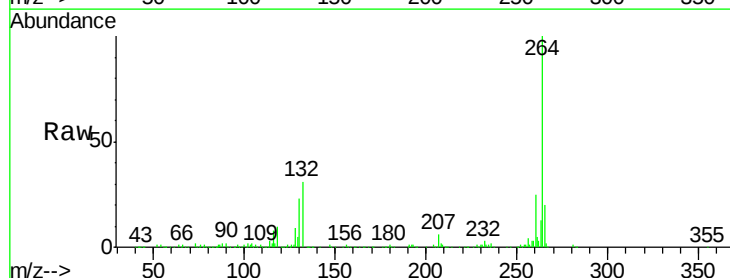
Tgt Ion:264 Resp: 215860

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 20.0 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

