

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016475.D
 Acq On : 17 Apr 2015 4:30
 Operator : TP/IZ
 Sample : PB82795BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82795BL

Quant Time: Apr 17 05:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:57:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	76057	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	321069	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	183520	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	399529	20.00	ng	0.00
75) Chrysene-d12	21.22	240	357241	20.00	ng	-0.01
86) Perylene-d12	23.45	264	336851	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	444272	92.19	ng	0.00
7) Phenol-d6	6.85	99	588387	81.33	ng	0.00
23) Nitrobenzene-d5	8.82	82	298480	53.85	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	118271	95.29	ng	-0.01
44) 2-Fluorobiphenyl	12.92	172	643251	59.68	ng	0.00
78) Terphenyl-d14	19.68	244	831223	54.46	ng	0.00

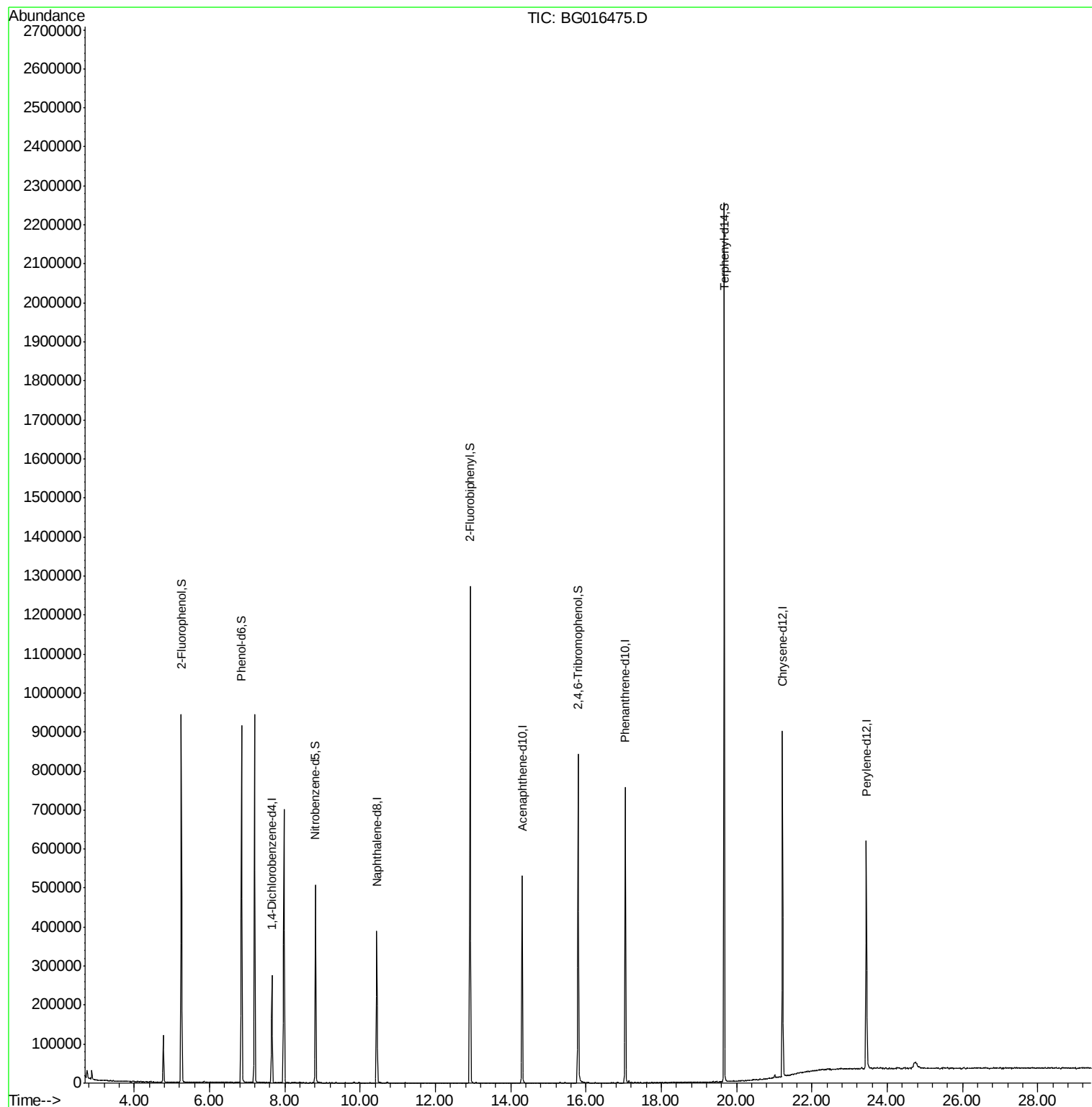
Target Compounds	Qvalue
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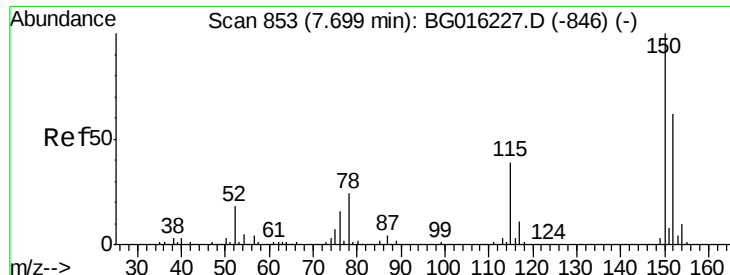
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 17 03:57:14 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG016475.D

Acq: 17 Apr 2015 4:30

Instrument :

BNA_G

ClientSampled :

PB82795BL

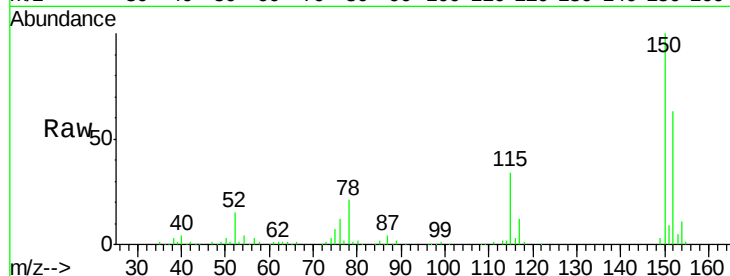
Tgt Ion:152 Resp: 76057

Ion Ratio Lower Upper

152 100

150 158.8 130.1 195.1

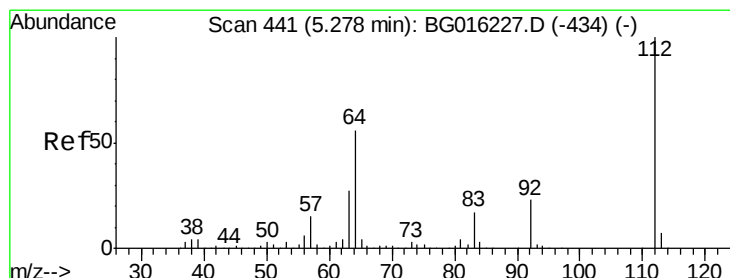
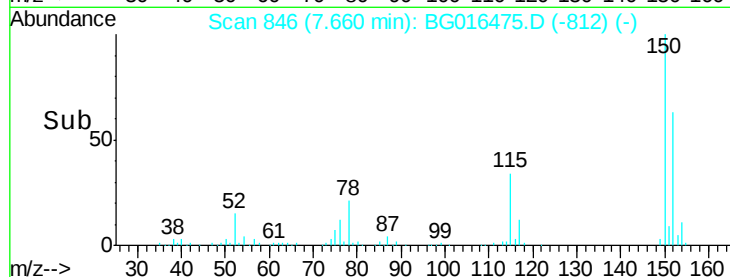
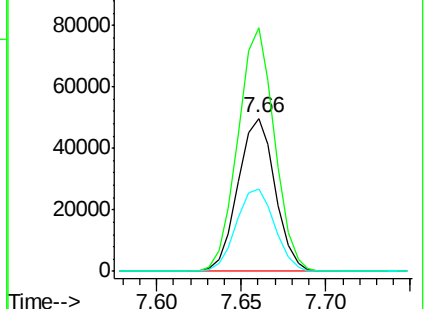
115 53.4 50.5 75.7



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: 92.19 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016475.D

Acq: 17 Apr 2015 4:30

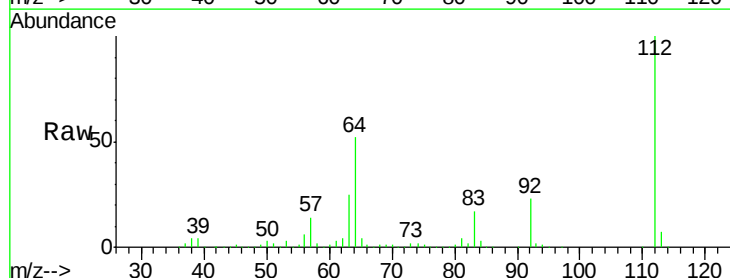
Tgt Ion:112 Resp: 444272

Ion Ratio Lower Upper

112 100

64 51.9 44.5 66.7

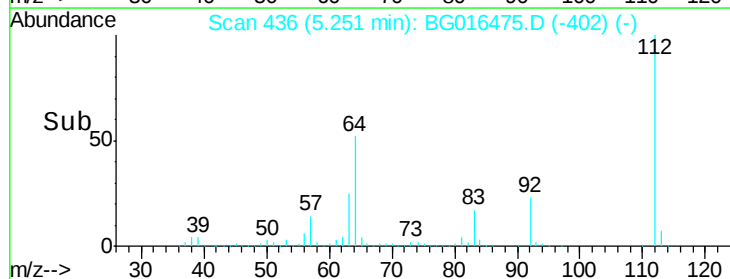
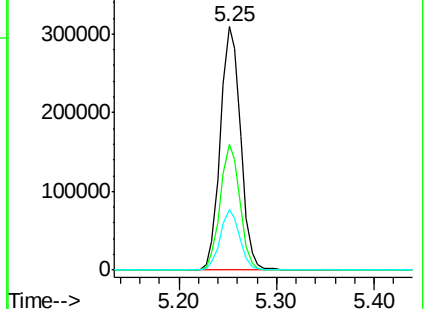
63 24.8 21.4 32.0

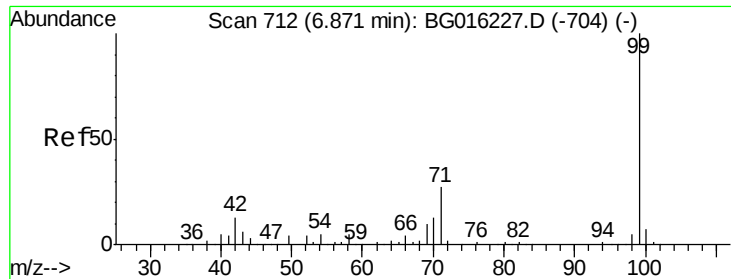


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 81.33 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG016475.D

Acq: 17 Apr 2015 4:30

Instrument :

BNA_G

ClientSampleId :

PB82795BL

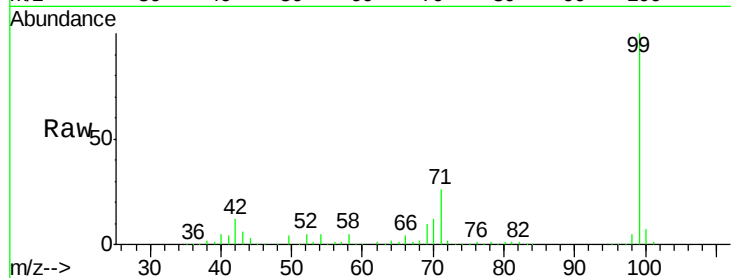
Tgt Ion: 99 Resp: 588387

Ion Ratio Lower Upper

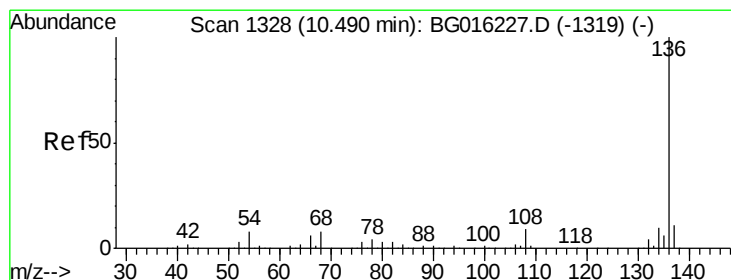
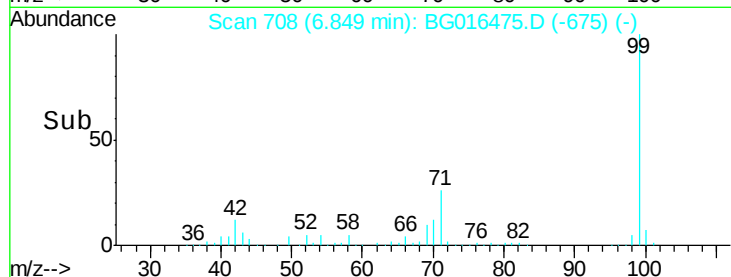
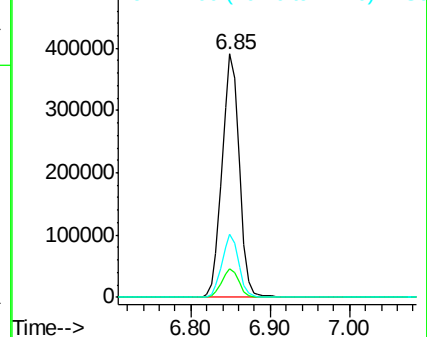
99 100

42 11.8 10.0 15.0

71 25.9 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# 1320

Delta R.T. 0.00 min

Lab File: BG016475.D

Acq: 17 Apr 2015 4:30

Tgt Ion: 136 Resp: 321069

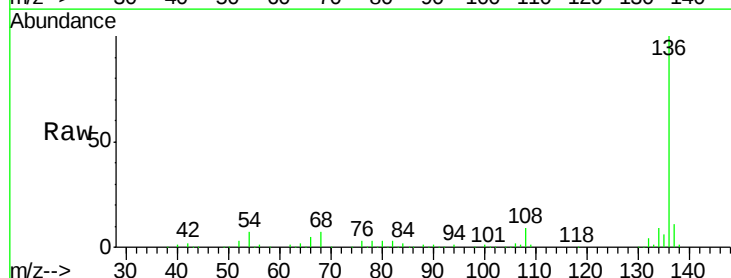
Ion Ratio Lower Upper

136 100

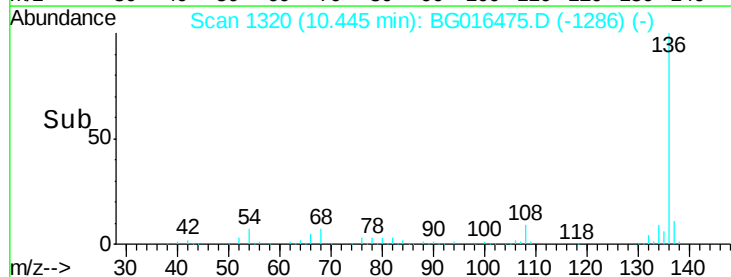
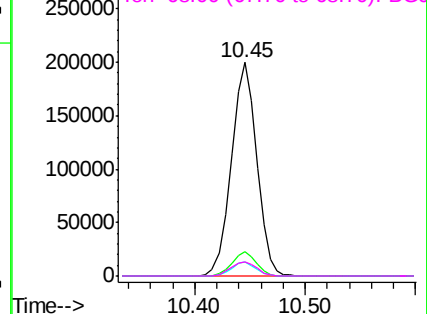
137 11.3 8.7 13.1

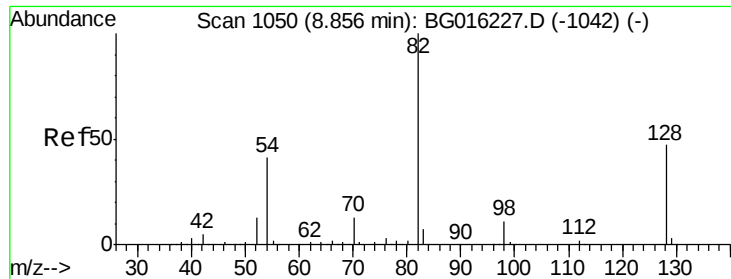
54 6.8 6.3 9.5

68 6.7 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

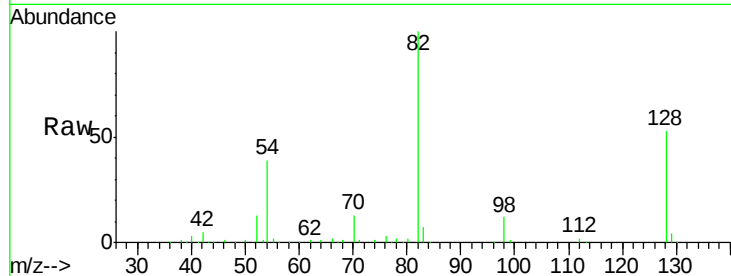




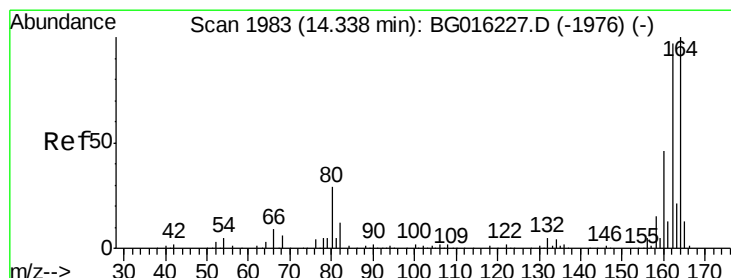
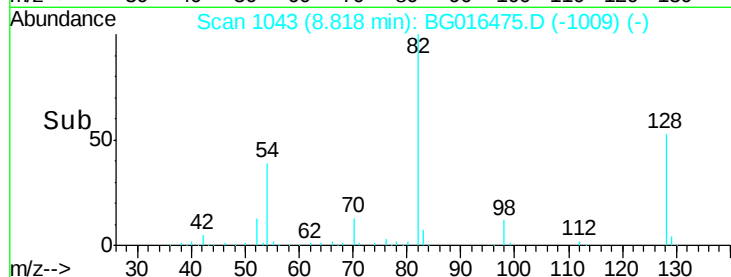
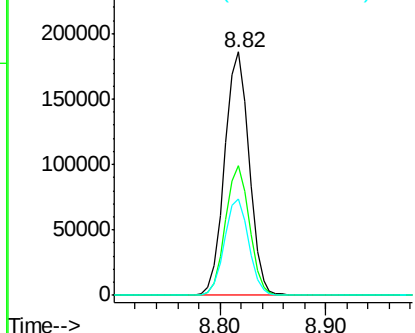
#23
Nitrobenzene-d5
Concen: 53.85 ng
RT: 8.82 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG016475.D
Acq: 17 Apr 2015 4:30

Instrument :
BNA_G
ClientSampled :
PB82795BL

Tgt Ion: 82 Resp: 298480
Ion Ratio Lower Upper
82 100
128 53.3 37.8 56.8
54 39.5 32.6 49.0

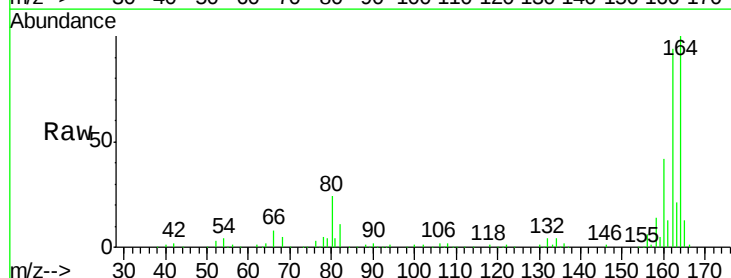


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

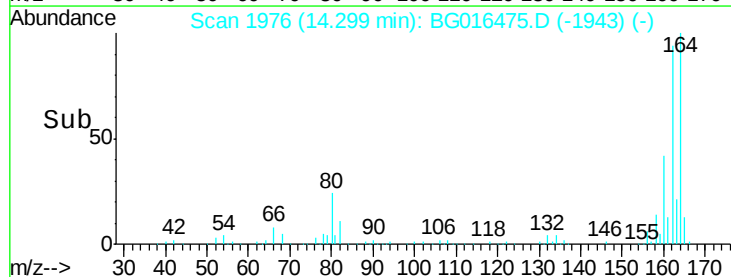
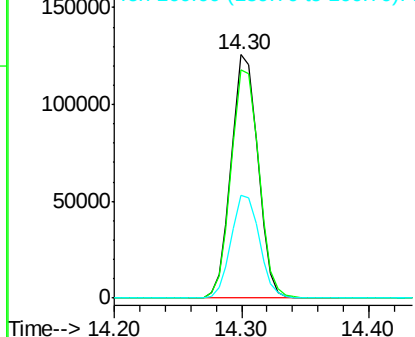


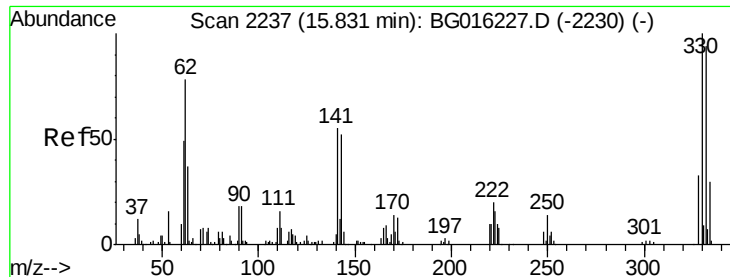
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG016475.D
Acq: 17 Apr 2015 4:30

Tgt Ion: 164 Resp: 183520
Ion Ratio Lower Upper
164 100
162 93.7 77.3 115.9
160 42.2 36.7 55.1



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

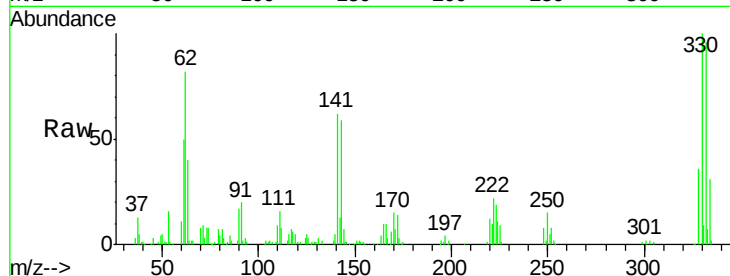




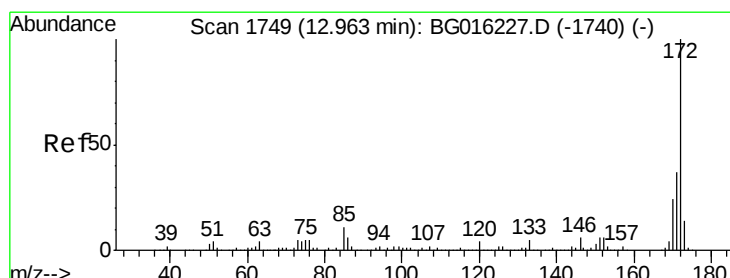
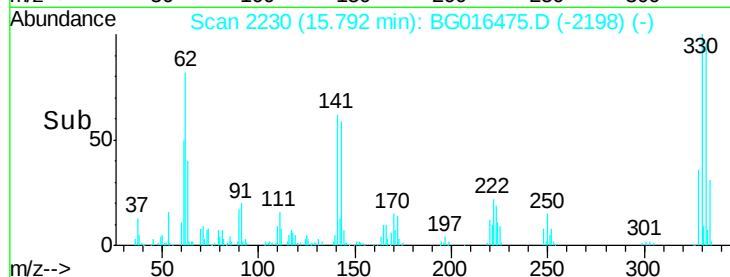
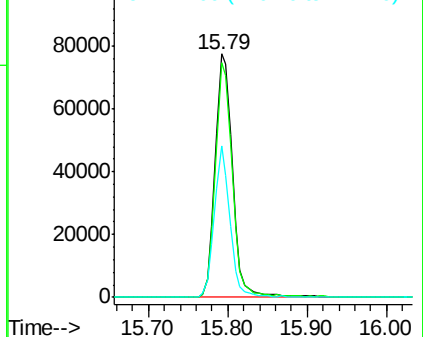
#41
 2,4,6-Tribromophenol
 Concen: 95.29 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BG016475.D
 Acq: 17 Apr 2015 4:30

Instrument :
 BNA_G
 ClientSampleId :
 PB82795BL

Tgt Ion: 330 Resp: 118271
 Ion Ratio Lower Upper
 330 100
 332 93.7 75.8 113.6
 141 55.5 46.6 69.8

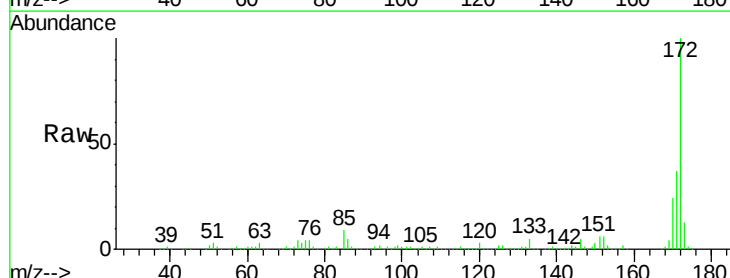


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

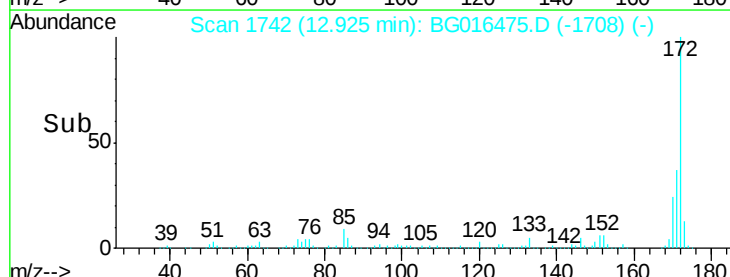
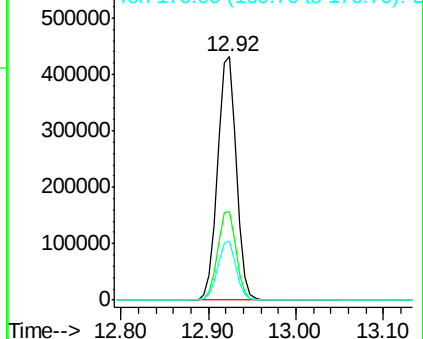


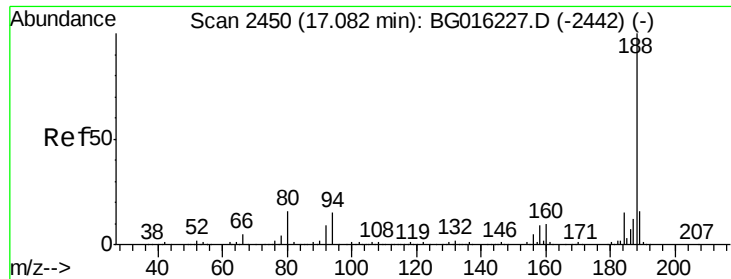
#44
 2-Fluorobiphenyl
 Concen: 59.68 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016475.D
 Acq: 17 Apr 2015 4:30

Tgt Ion: 172 Resp: 643251
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.3 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

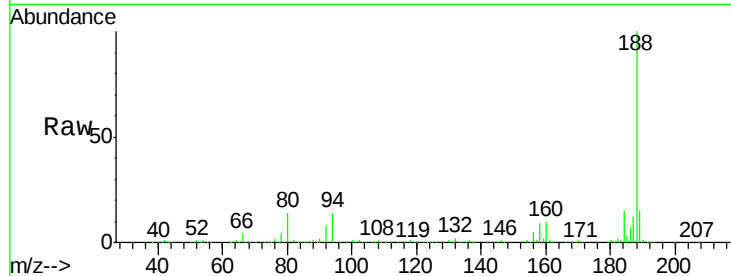




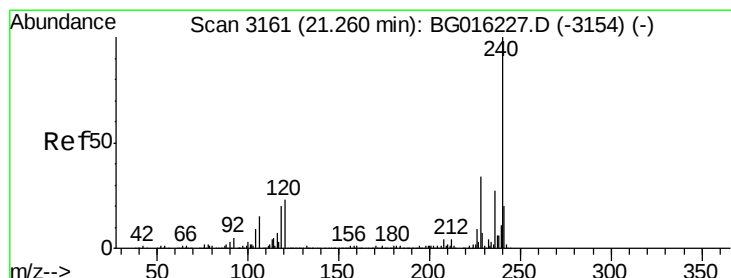
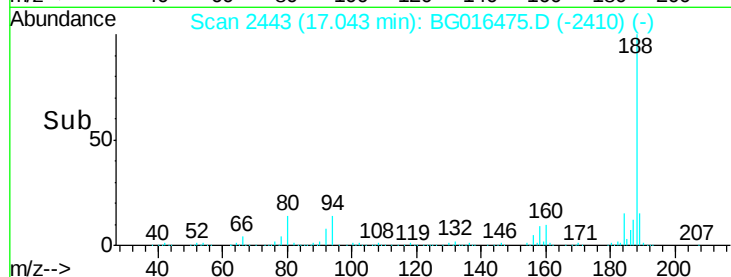
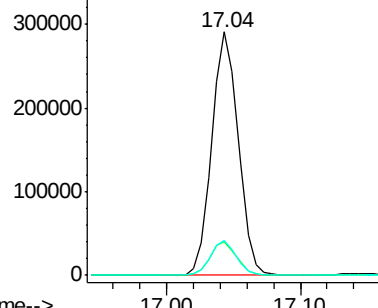
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG016475.D
Acq: 17 Apr 2015 4:30

Instrument :
BNA_G
ClientSampleId :
PB82795BL

Tgt Ion:188 Resp: 399529
Ion Ratio Lower Upper
188 100
94 13.8 12.2 18.4
80 14.3 12.8 19.2

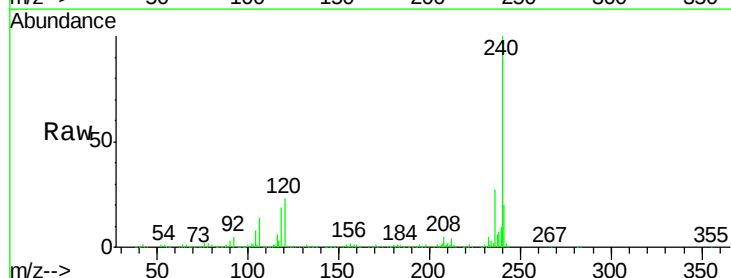


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

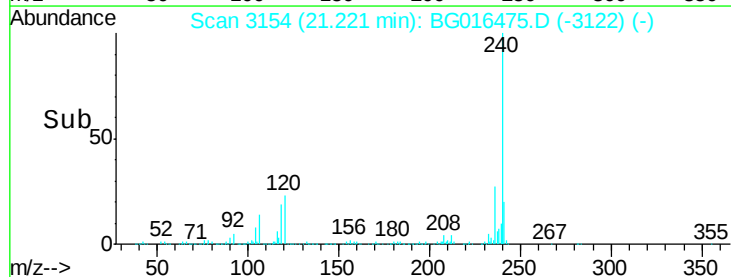
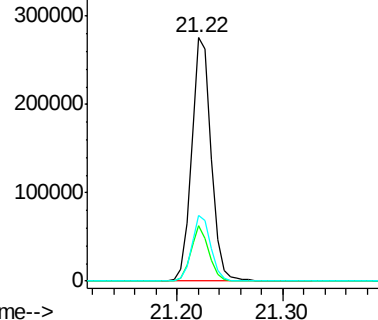


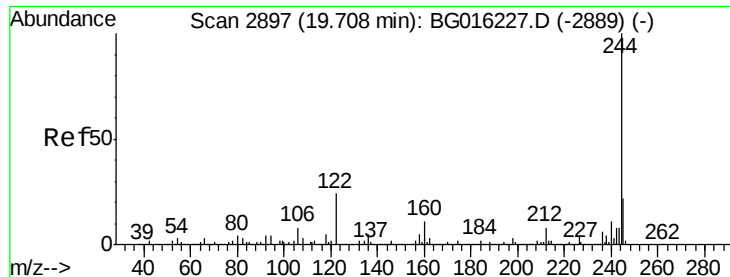
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG016475.D
Acq: 17 Apr 2015 4:30

Tgt Ion:240 Resp: 357241
Ion Ratio Lower Upper
240 100
120 22.5 18.6 28.0
236 27.2 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

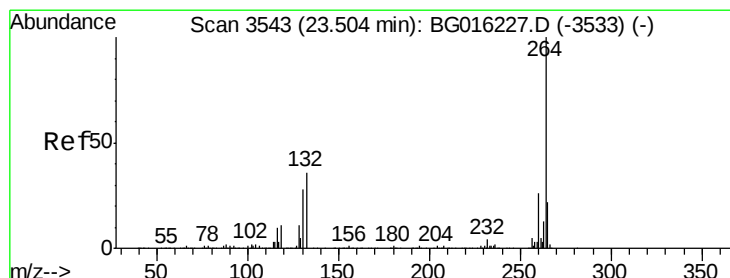
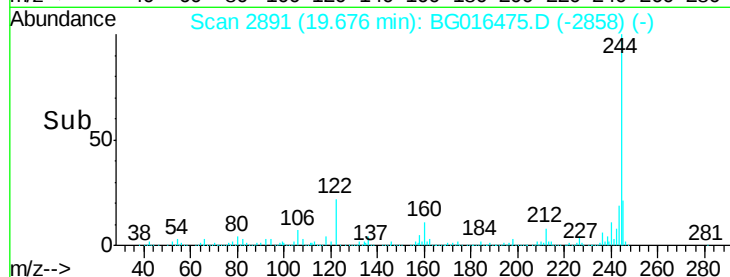
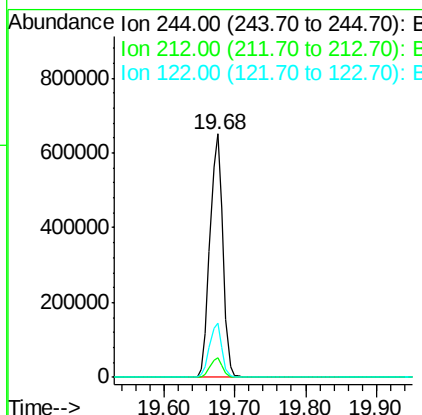
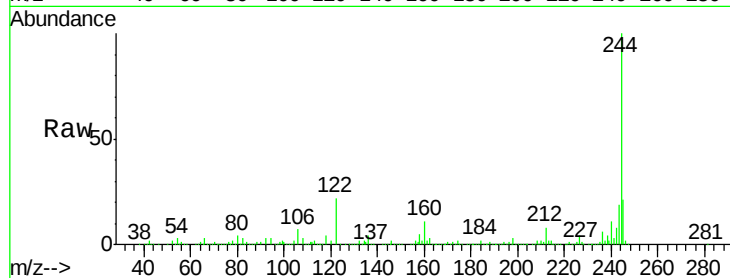




#78
 Terphenyl-d14
 Concen: 54.46 ng
 RT: 19.68 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: BG016475.D
 Acq: 17 Apr 2015 4:30

Instrument :
 BNA_G
 ClientSampleId :
 PB82795BL

Tgt Ion:244 Resp: 831223
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 22.0 19.1 28.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.45 min Scan# 3533
 Delta R.T. -0.02 min
 Lab File: BG016475.D
 Acq: 17 Apr 2015 4:30

Tgt Ion:264 Resp: 336851
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.4 30.6
 265 21.3 17.2 25.8

