

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040815\
 Data File : BG016277.D
 Acq On : 8 Apr 2015 13:41
 Operator : TP/IZ
 Sample : PB82610BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82610BL

Quant Time: Apr 09 02:40:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 02:28:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	69953	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	311236	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	186593	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	427156	20.00	ng	0.00
75) Chrysene-d12	21.25	240	403057	20.00	ng	0.00
86) Perylene-d12	23.50	264	367454	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	501189	113.07	ng	0.00
7) Phenol-d6	6.87	99	702953	105.64	ng	0.00
23) Nitrobenzene-d5	8.85	82	353260	65.75	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	146992	116.48	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	753993	68.80	ng	0.00
78) Terphenyl-d14	19.70	244	1093415	63.49	ng	0.00

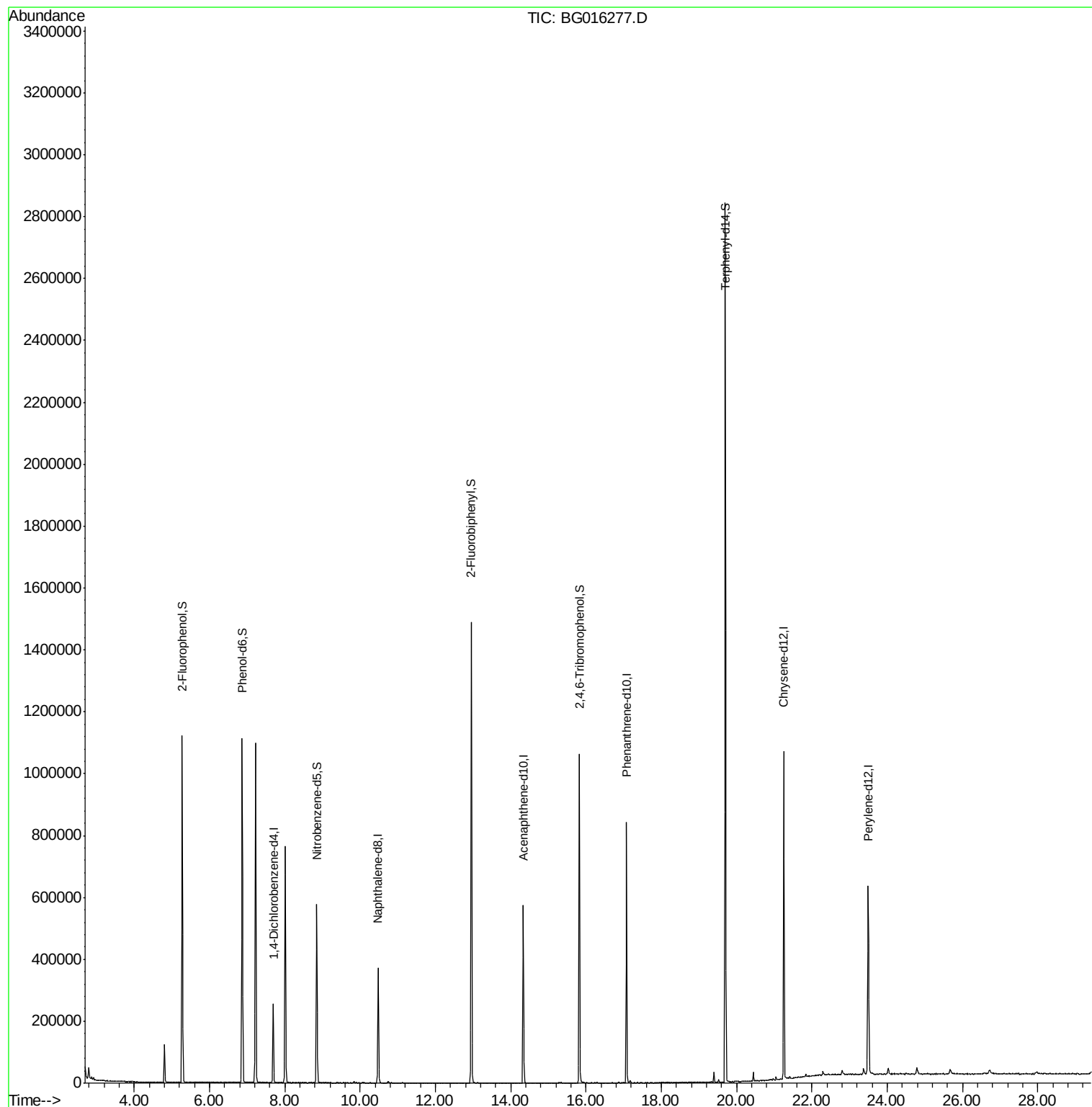
Target Compounds	Qvalue
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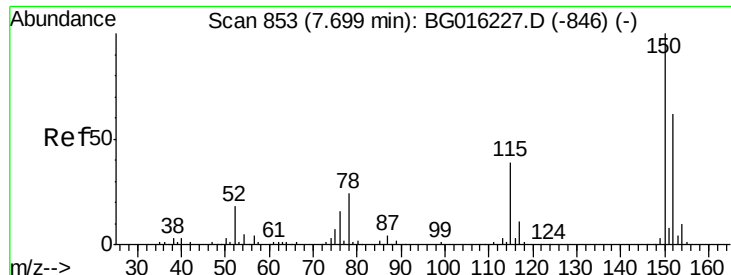
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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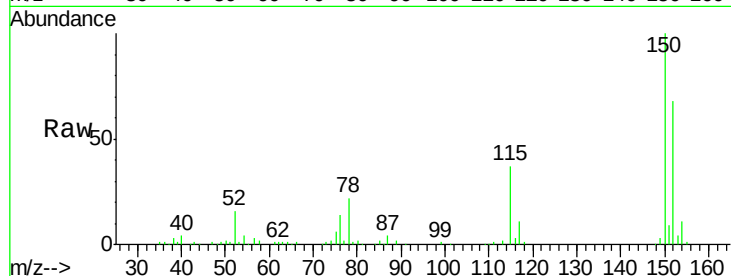


#1

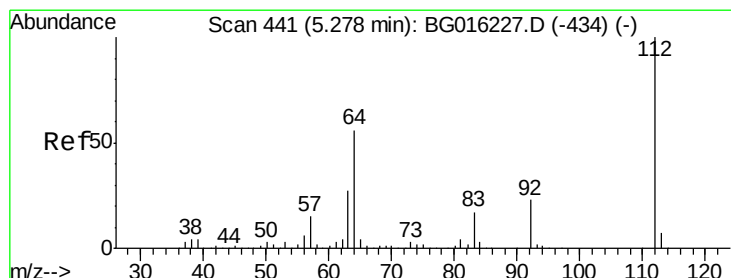
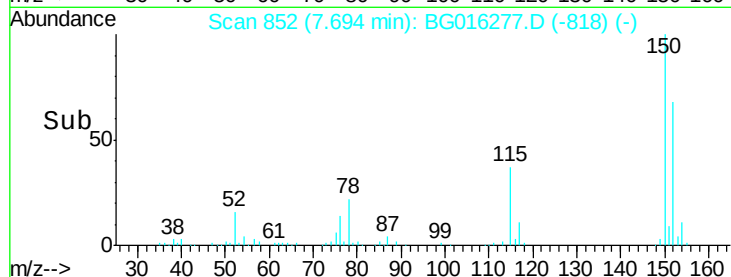
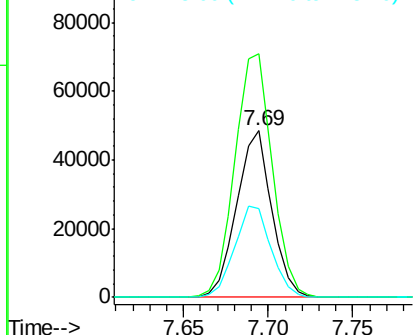
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG016277.D
Acq: 8 Apr 2015 13:41

Instrument :
BNA_G
ClientSampleId :
PB82610BL

Tgt Ion:152 Resp: 69953
Ion Ratio Lower Upper
152 100
150 146.3 130.1 195.1
115 53.5 50.5 75.7



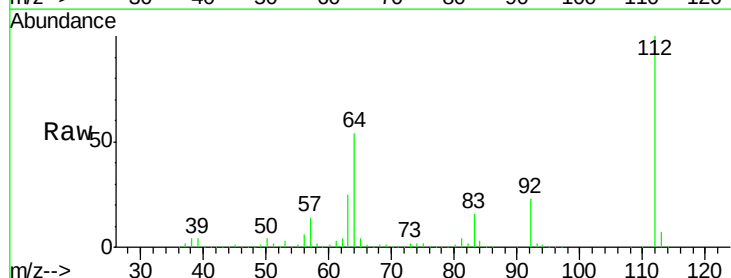
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



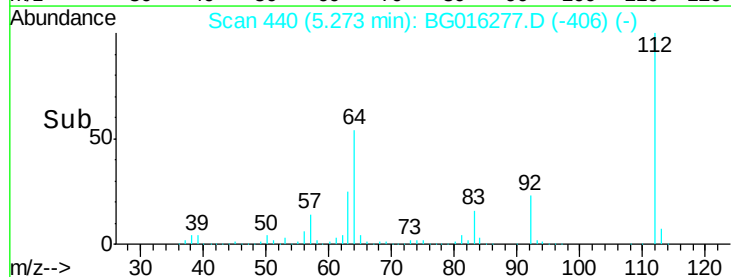
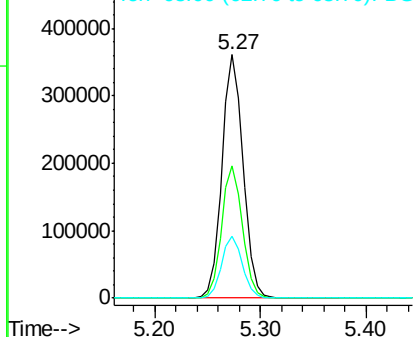
#5

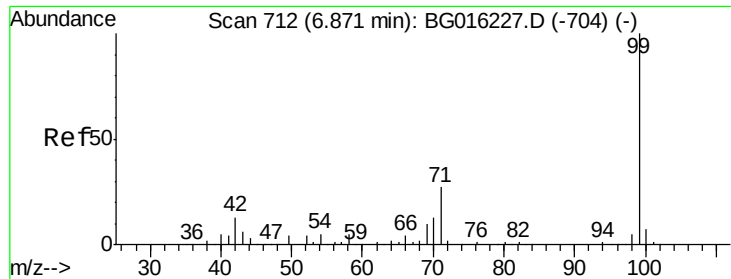
2-Fluorophenol
Concen: 113.07 ng
RT: 5.27 min Scan# 440
Delta R.T. 0.00 min
Lab File: BG016277.D
Acq: 8 Apr 2015 13:41

Tgt Ion:112 Resp: 501189
Ion Ratio Lower Upper
112 100
64 54.4 44.5 66.7
63 25.5 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 105.64 ng

RT: 6.87 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG016277.D

Acq: 8 Apr 2015 13:41

Instrument :

BNA_G

ClientSampleId :

PB82610BL

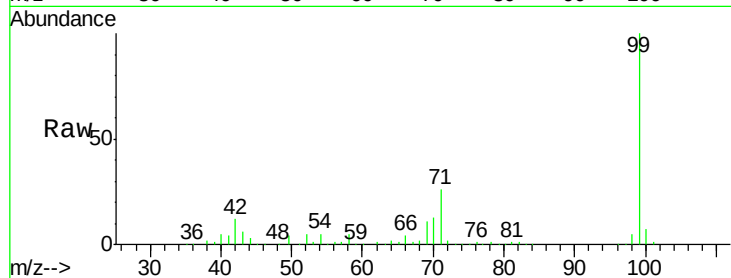
Tgt Ion: 99 Resp: 702953

Ion Ratio Lower Upper

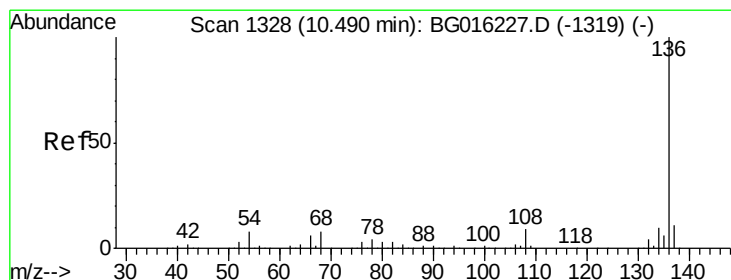
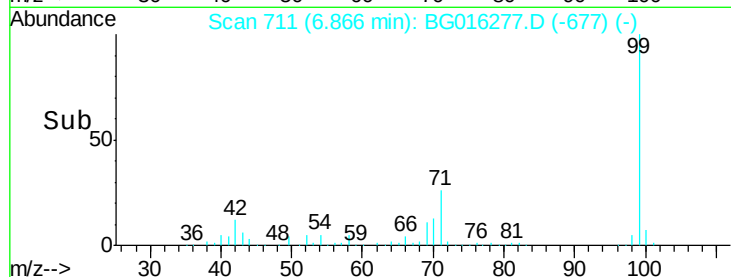
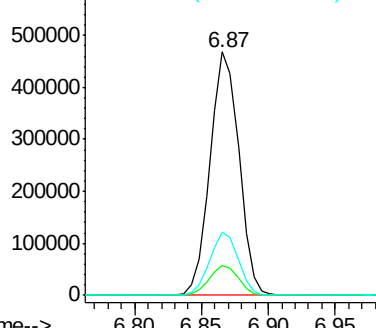
99 100

42 12.1 10.0 15.0

71 26.0 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: 10.48 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BG016277.D

Acq: 8 Apr 2015 13:41

Tgt Ion: 136 Resp: 311236

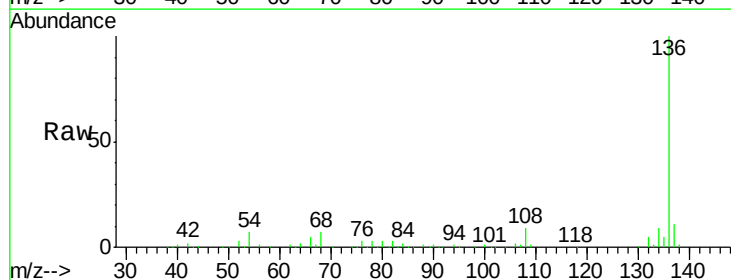
Ion Ratio Lower Upper

136 100

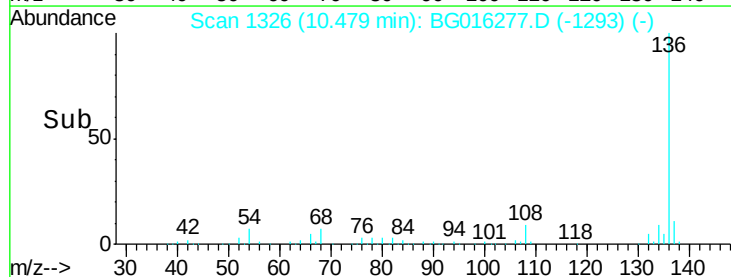
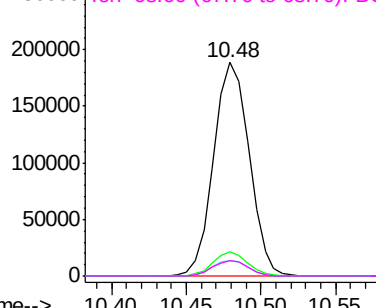
137 11.4 8.7 13.1

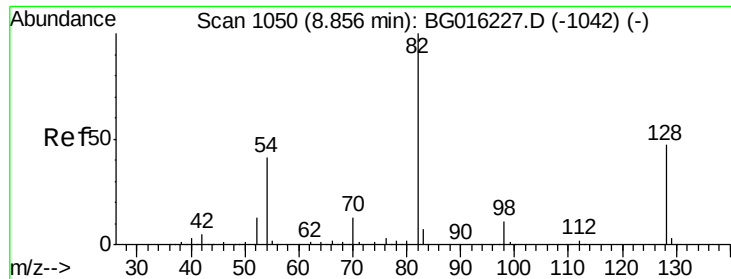
54 7.1 6.3 9.5

68 7.4 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

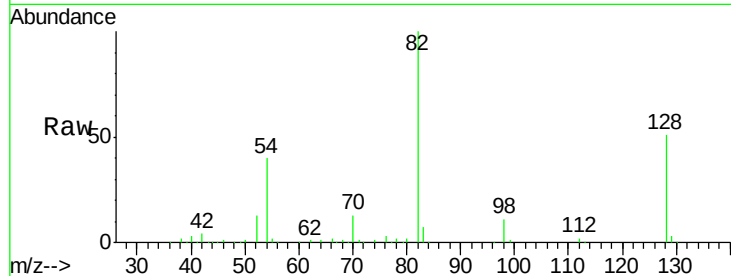




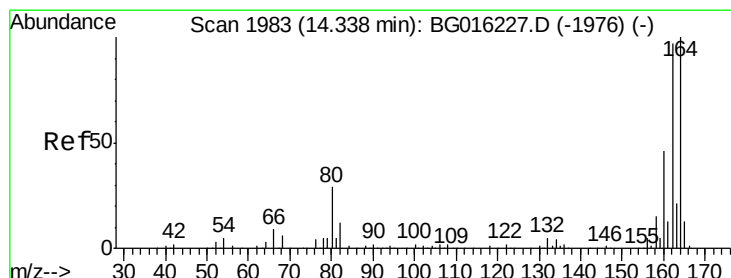
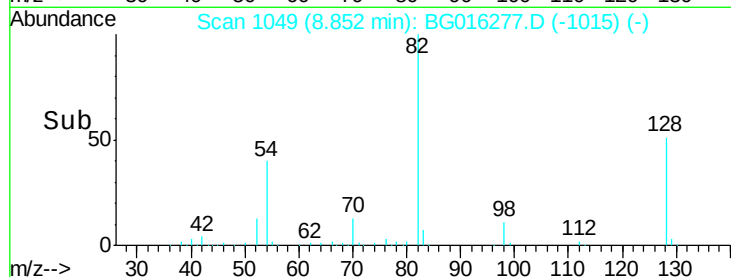
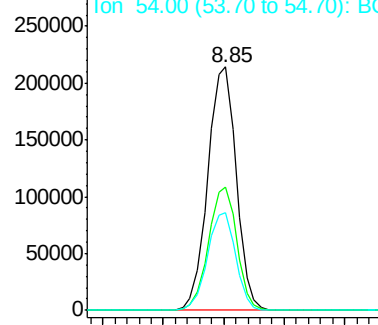
#23
 Nitrobenzene-d5
 Concen: 65.75 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BG016277.D
 Acq: 8 Apr 2015 13:41

Instrument :
 BNA_G
 ClientSampled :
 PB82610BL

Tgt Ion: 82 Resp: 353260
 Ion Ratio Lower Upper
 82 100
 128 50.7 37.8 56.8
 54 39.9 32.6 49.0

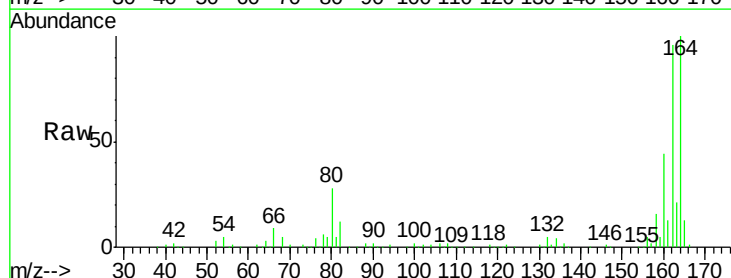


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

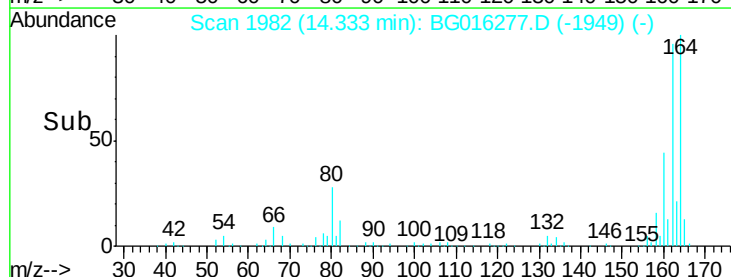
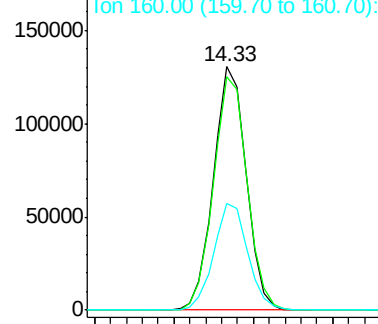


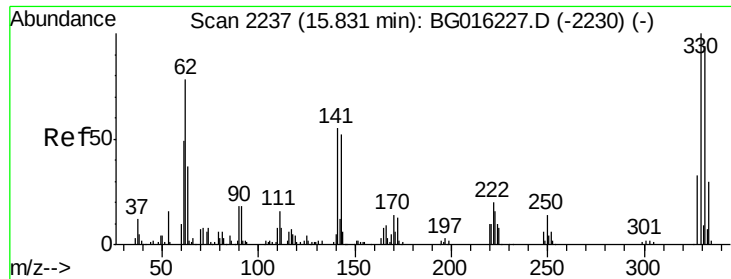
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG016277.D
 Acq: 8 Apr 2015 13:41

Tgt Ion: 164 Resp: 186593
 Ion Ratio Lower Upper
 164 100
 162 95.8 77.3 115.9
 160 44.0 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: 116.48 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG016277.D

Acq: 8 Apr 2015 13:41

Instrument :

BNA_G

ClientSampleId :

PB82610BL

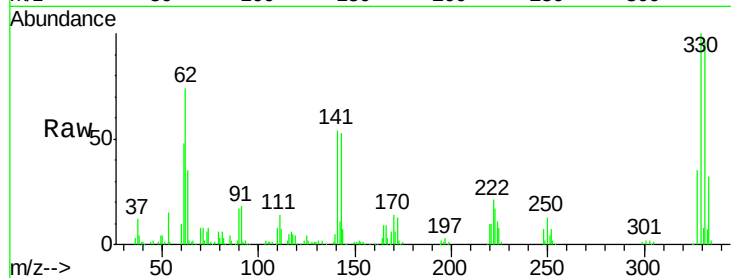
Tgt Ion:330 Resp: 146992

Ion Ratio Lower Upper

330 100

332 96.6 75.8 113.6

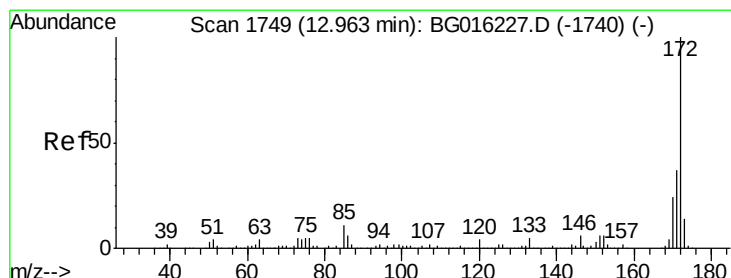
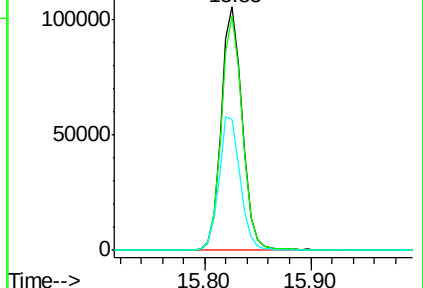
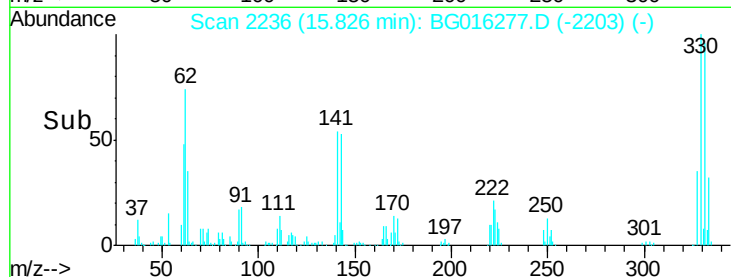
141 55.7 46.6 69.8



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: 68.80 ng

RT: 12.96 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BG016277.D

Acq: 8 Apr 2015 13:41

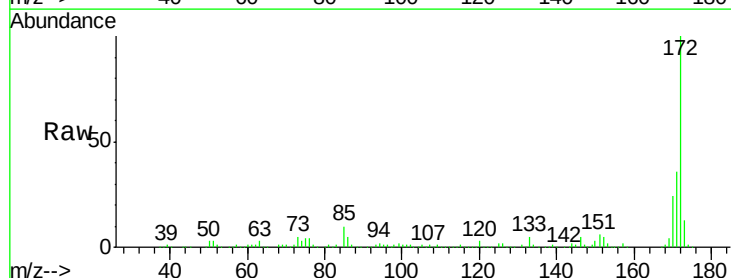
Tgt Ion:172 Resp: 753993

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

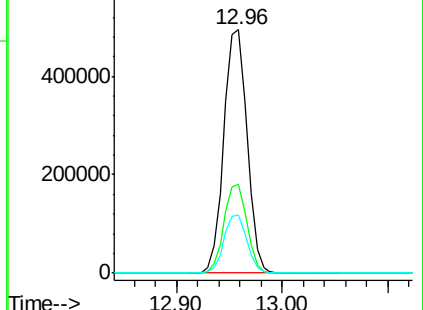
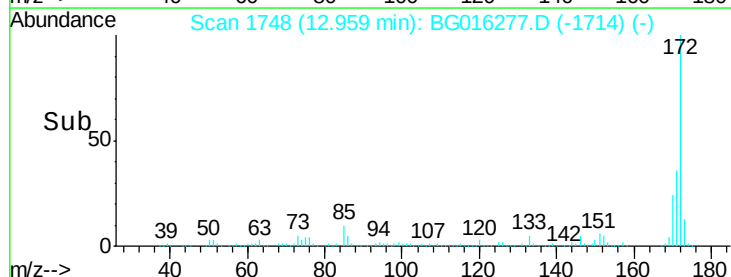
170 23.6 19.4 29.2

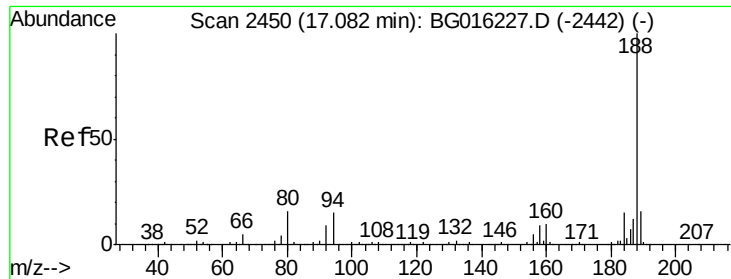


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

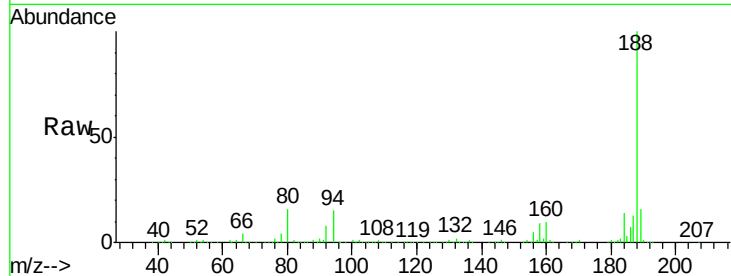




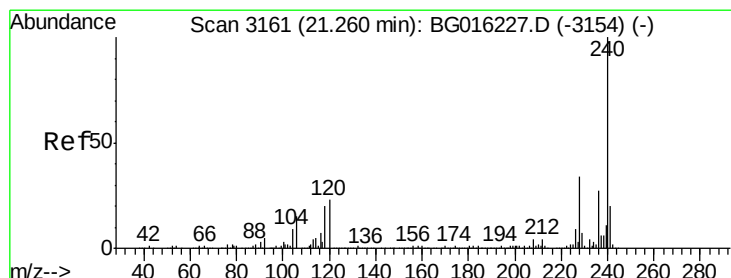
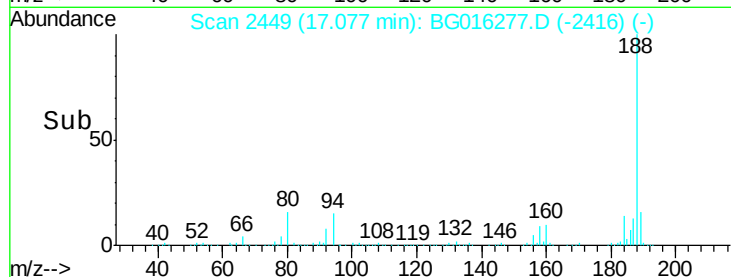
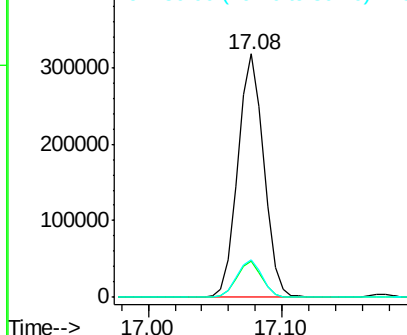
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG016277.D
Acq: 8 Apr 2015 13:41

Instrument :
BNA_G
ClientSampleId :
PB82610BL

Tgt Ion:188 Resp: 427156
Ion Ratio Lower Upper
188 100
94 14.8 12.2 18.4
80 15.6 12.8 19.2

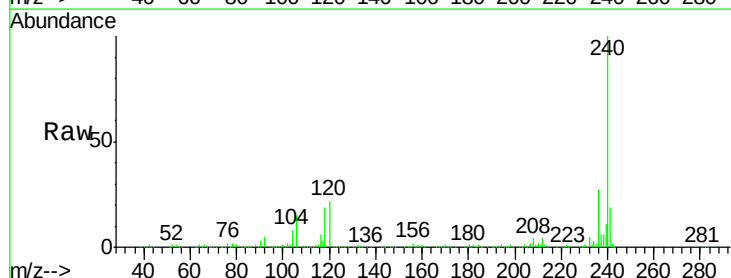


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

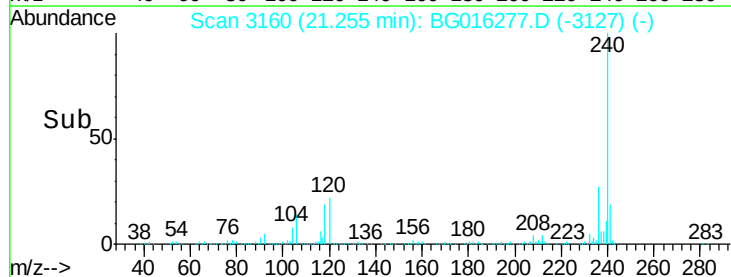
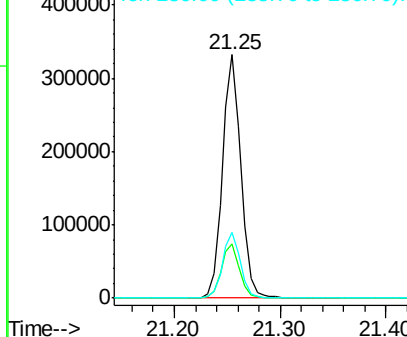


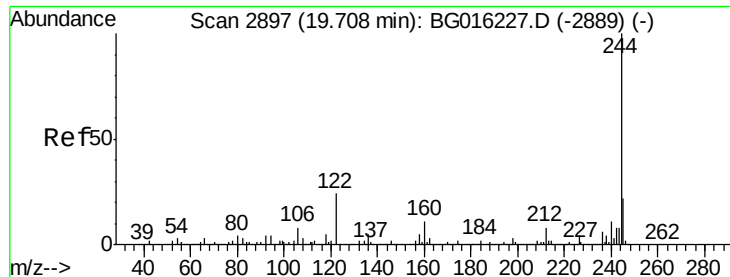
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016277.D
Acq: 8 Apr 2015 13:41

Tgt Ion:240 Resp: 403057
Ion Ratio Lower Upper
240 100
120 22.5 18.6 28.0
236 26.8 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: 63.49 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG016277.D

Acq: 8 Apr 2015 13:41

Instrument :

BNA_G

ClientSampled :

PB82610BL

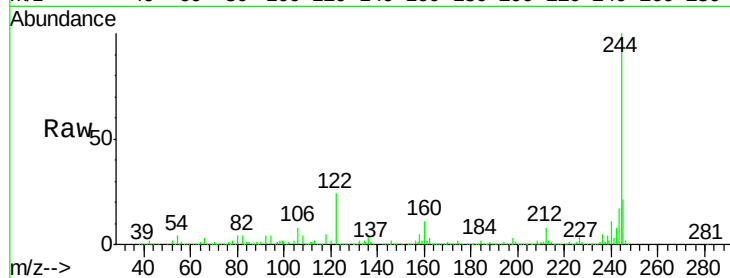
Tgt Ion:244 Resp: 1093415

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

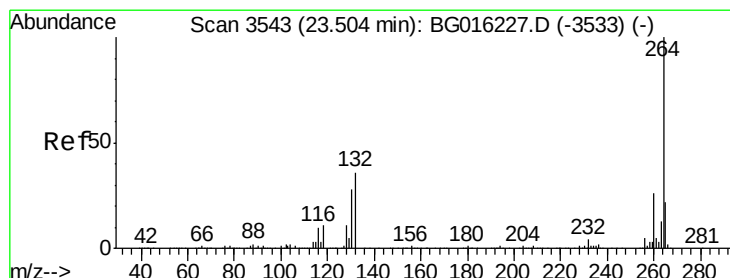
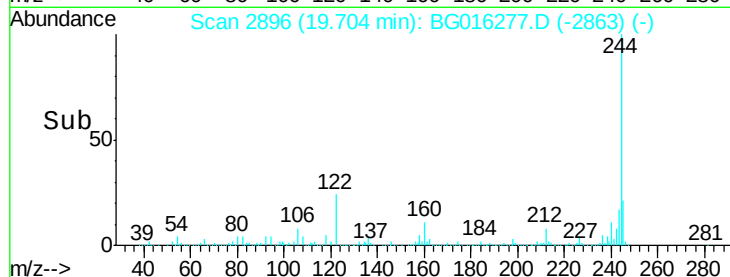
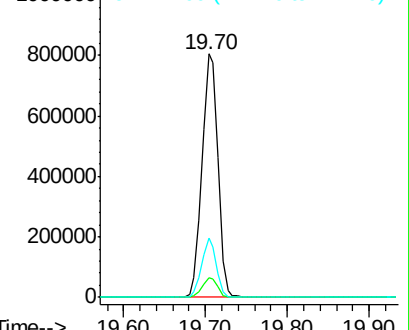
122 24.4 19.1 28.7



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: 23.50 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG016277.D

Acq: 8 Apr 2015 13:41

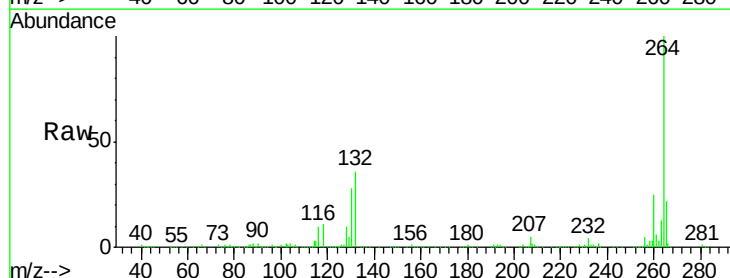
Tgt Ion:264 Resp: 367454

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 21.8 17.2 25.8



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

