

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016510.D
 Acq On : 18 Apr 2015 6:35
 Operator : TP/IZ
 Sample : PB82837BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82837BL

Quant Time: Apr 18 07:42:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:46:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	68424	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	290959	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	164339	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	349564	20.00	ng	0.00
75) Chrysene-d12	21.23	240	306243	20.00	ng	0.00
86) Perylene-d12	23.45	264	282833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	493292	113.78	ng	0.00
7) Phenol-d6	6.85	99	654090	100.50	ng	0.00
23) Nitrobenzene-d5	8.82	82	334316	66.56	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	114017	102.59	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	725785	75.19	ng	0.00
78) Terphenyl-d14	19.67	244	875295	66.89	ng	0.00

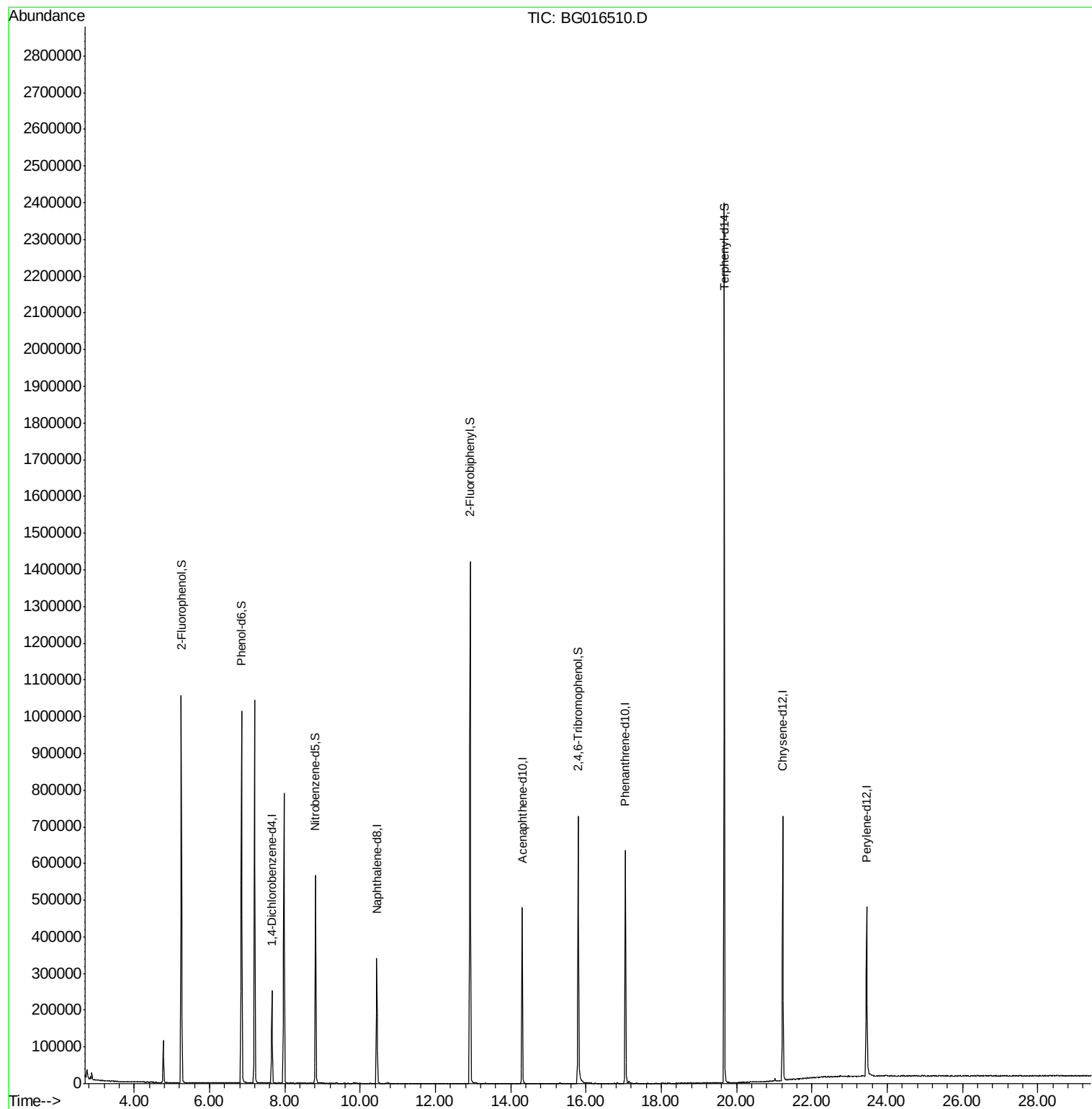
Target Compounds	Qvalue
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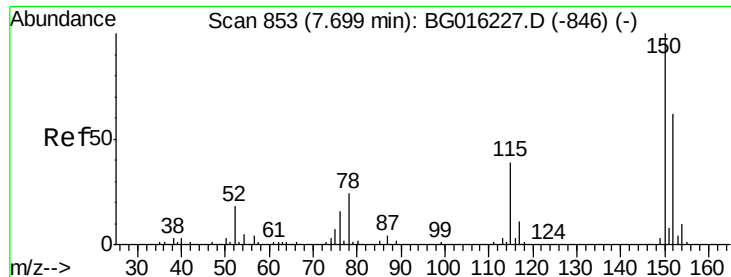
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG016510.D

Acq: 18 Apr 2015 6:35

Instrument :

BNA_G

ClientSampleId :

PB82837BL

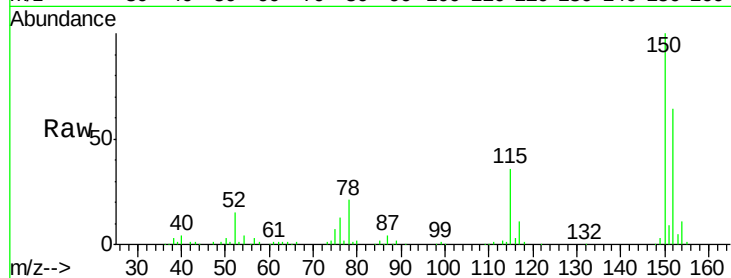
Tgt Ion:152 Resp: 68424

Ion Ratio Lower Upper

152 100

150 155.3 130.1 195.1

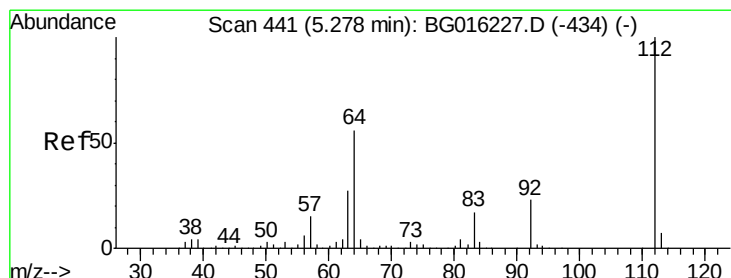
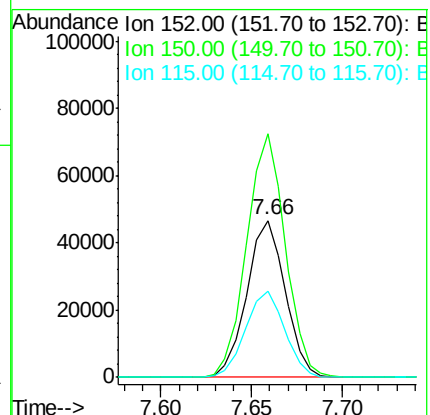
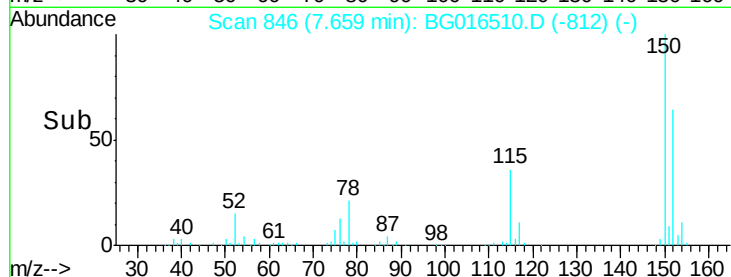
115 55.4 50.5 75.7



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: 113.78 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016510.D

Acq: 18 Apr 2015 6:35

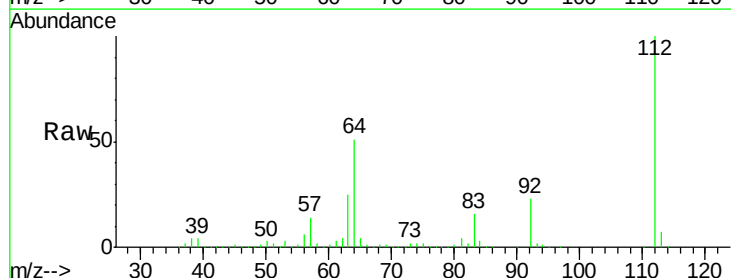
Tgt Ion:112 Resp: 493292

Ion Ratio Lower Upper

112 100

64 50.7 44.5 66.7

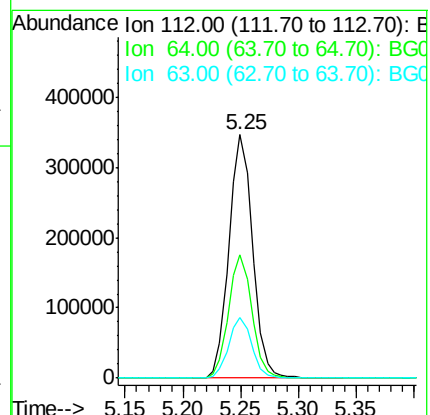
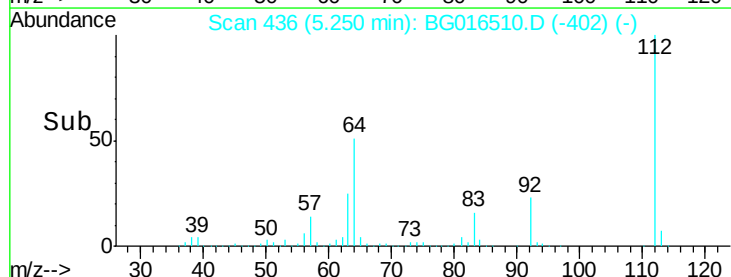
63 24.8 21.4 32.0

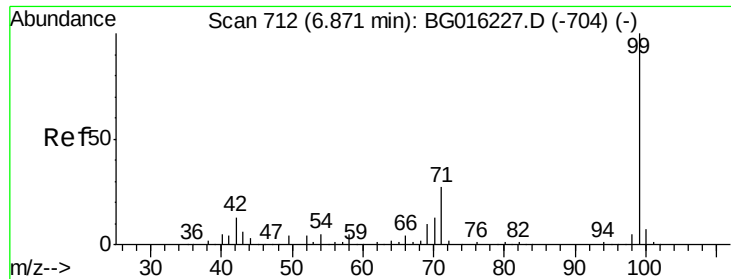


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.50 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016510.D

Acq: 18 Apr 2015 6:35

Instrument :

BNA_G

ClientSampled :

PB82837BL

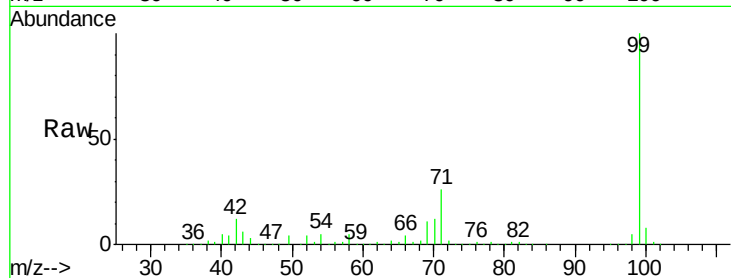
Tgt Ion: 99 Resp: 654090

Ion Ratio Lower Upper

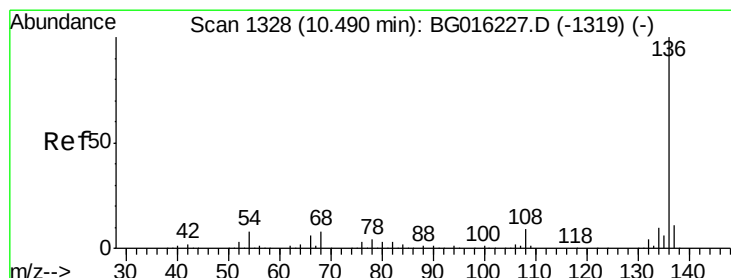
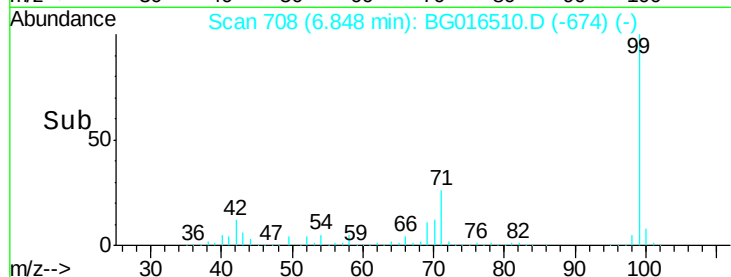
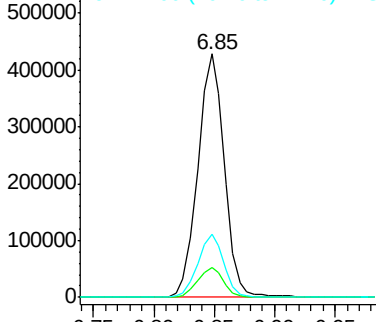
99 100

42 12.2 10.0 15.0

71 26.2 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: 10.44 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016510.D

Acq: 18 Apr 2015 6:35

Tgt Ion: 136 Resp: 290959

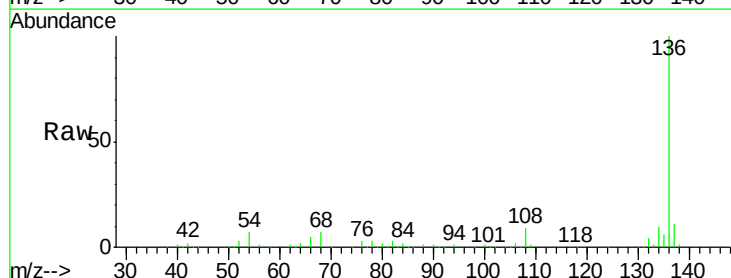
Ion Ratio Lower Upper

136 100

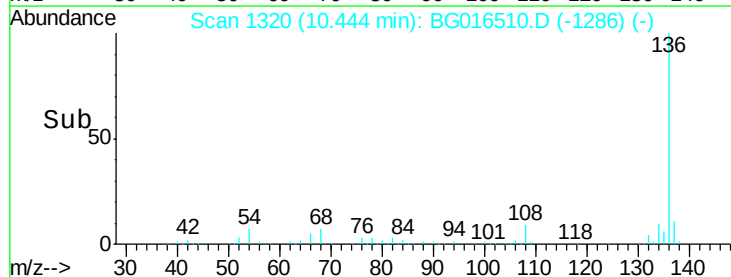
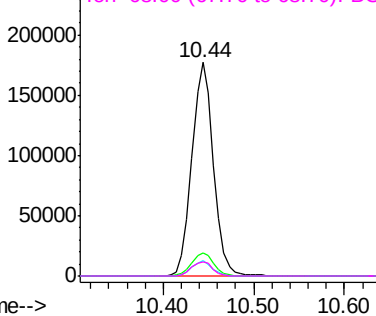
137 10.9 8.7 13.1

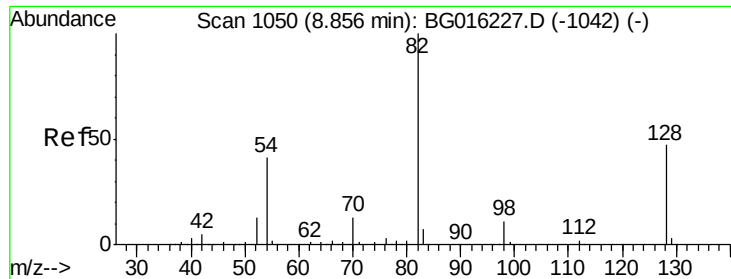
54 7.1 6.3 9.5

68 6.5 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

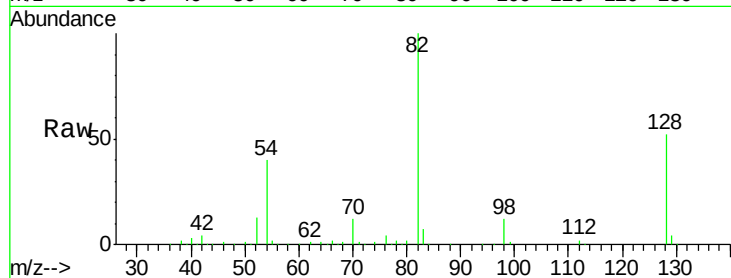




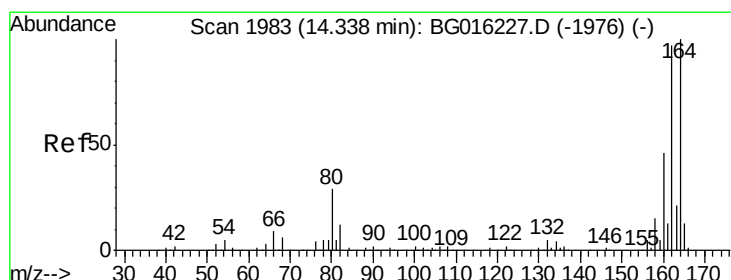
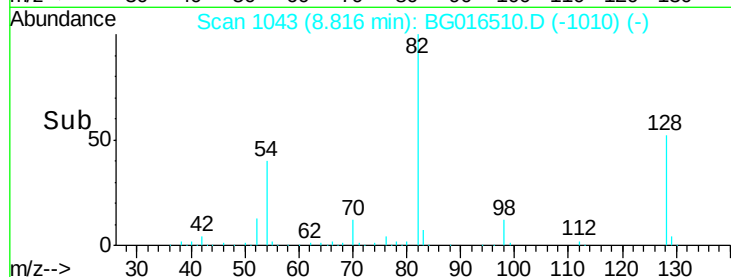
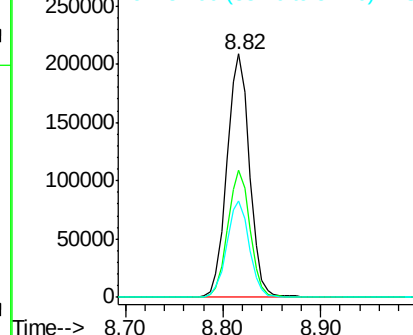
#23
 Nitrobenzene-d5
 Concen: 66.56 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG016510.D
 Acq: 18 Apr 2015 6:35

Instrument :
 BNA_G
 ClientSampled :
 PB82837BL

Tgt Ion: 82 Resp: 334316
 Ion Ratio Lower Upper
 82 100
 128 52.1 37.8 56.8
 54 39.7 32.6 49.0

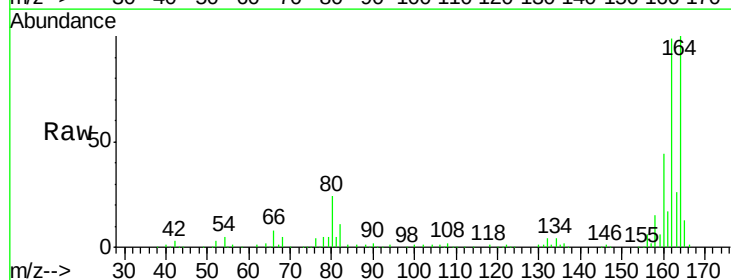


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

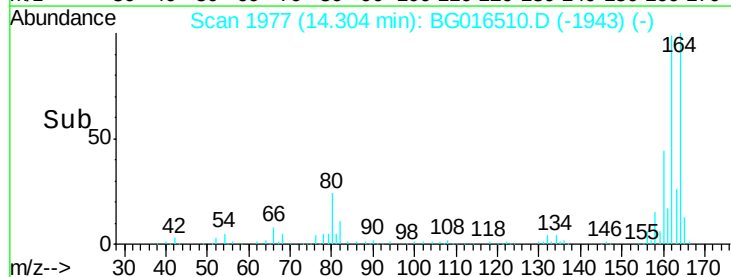
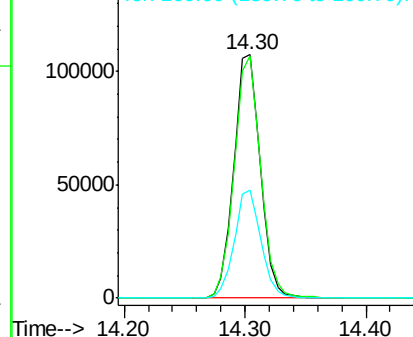


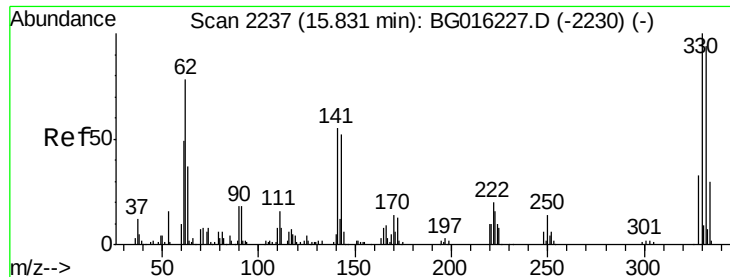
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG016510.D
 Acq: 18 Apr 2015 6:35

Tgt Ion: 164 Resp: 164339
 Ion Ratio Lower Upper
 164 100
 162 99.3 77.3 115.9
 160 44.2 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: 102.59 ng

RT: 15.80 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BG016510.D

Acq: 18 Apr 2015 6:35

Instrument :

BNA_G

ClientSampleId :

PB82837BL

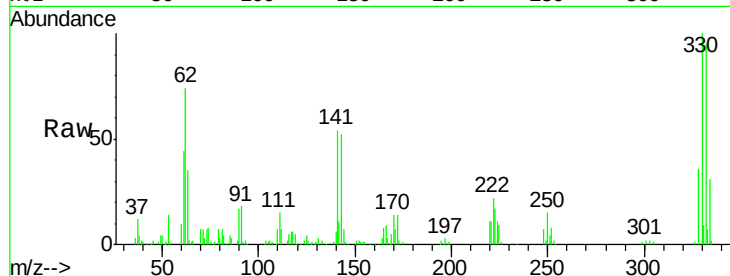
Tgt Ion:330 Resp: 114017

Ion Ratio Lower Upper

330 100

332 92.9 75.8 113.6

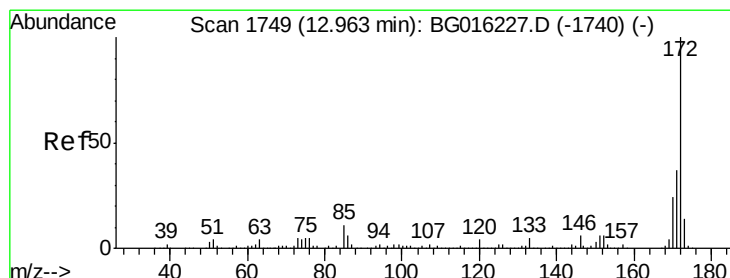
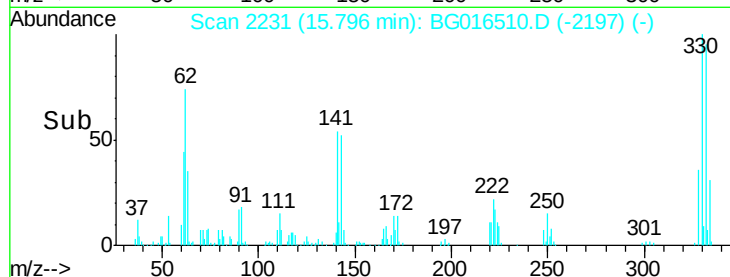
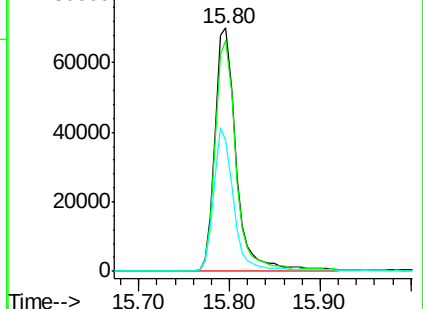
141 55.9 46.6 69.8



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: 75.19 ng

RT: 12.92 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG016510.D

Acq: 18 Apr 2015 6:35

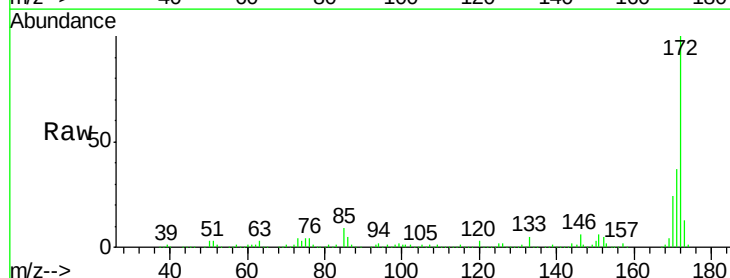
Tgt Ion:172 Resp: 725785

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

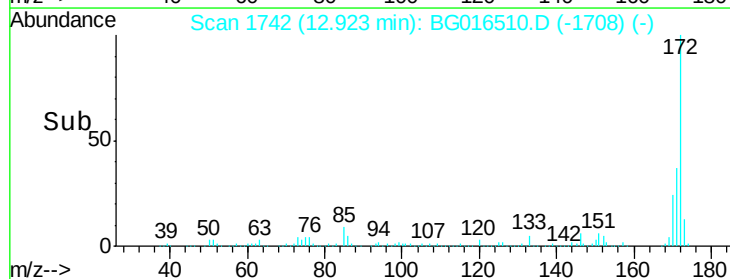
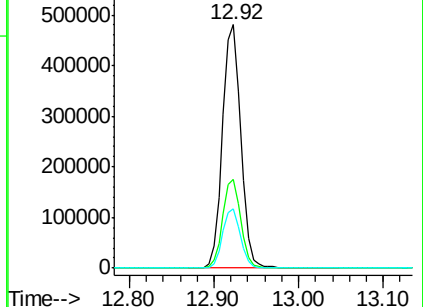
170 24.3 19.4 29.2

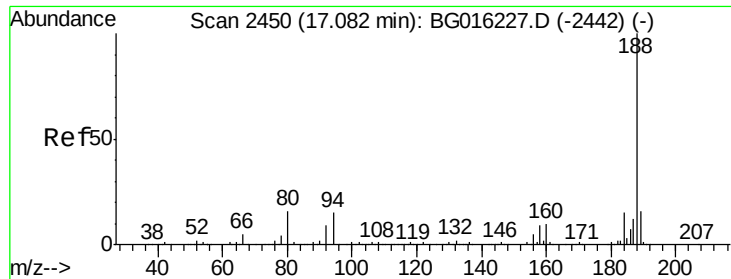


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

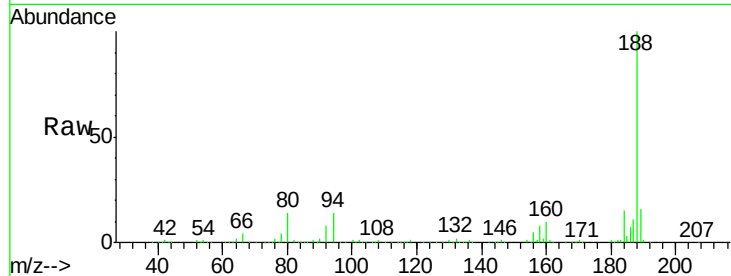




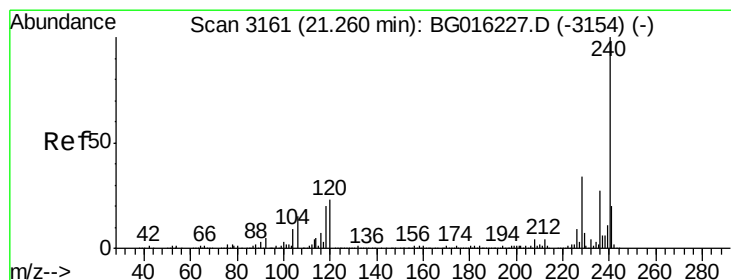
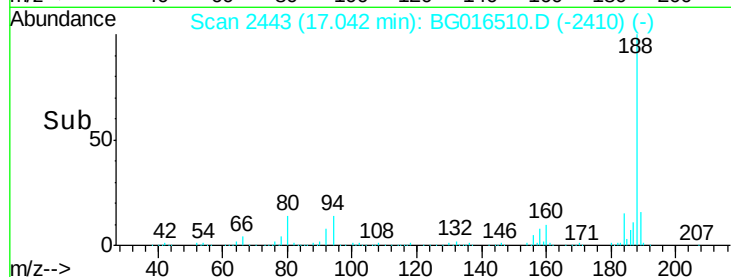
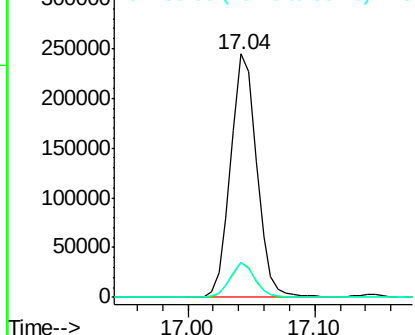
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016510.D
Acq: 18 Apr 2015 6:35

Instrument :
BNA_G
ClientSampleId :
PB82837BL

Tgt Ion:188 Resp: 349564
Ion Ratio Lower Upper
188 100
94 14.2 12.2 18.4
80 14.2 12.8 19.2

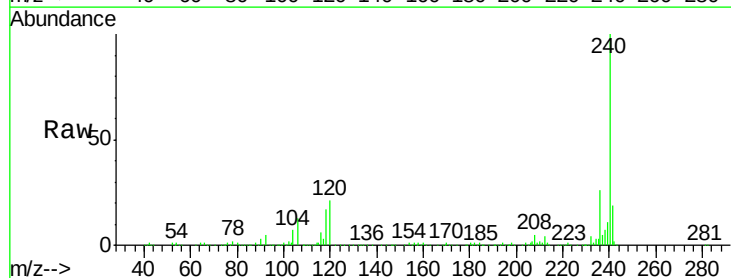


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

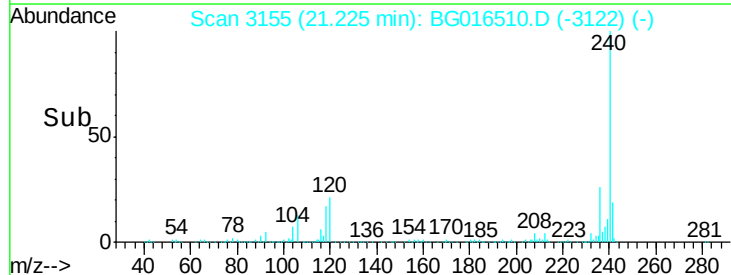
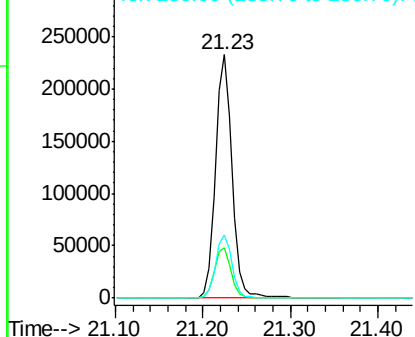


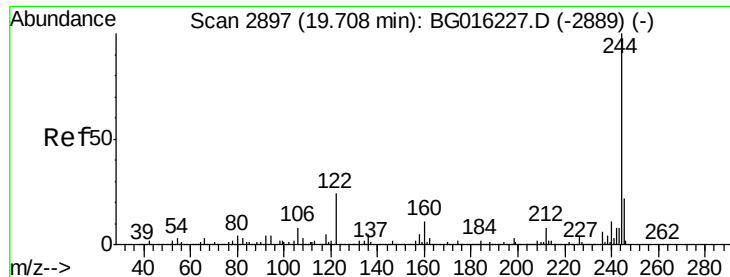
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016510.D
Acq: 18 Apr 2015 6:35

Tgt Ion:240 Resp: 306243
Ion Ratio Lower Upper
240 100
120 20.6 18.6 28.0
236 25.9 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: 66.89 ng

RT: 19.67 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016510.D

Acq: 18 Apr 2015 6:35

Instrument :

BNA_G

ClientSampleId :

PB82837BL

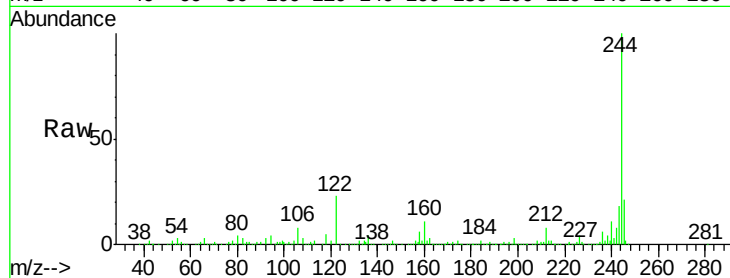
Tgt Ion:244 Resp: 875295

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

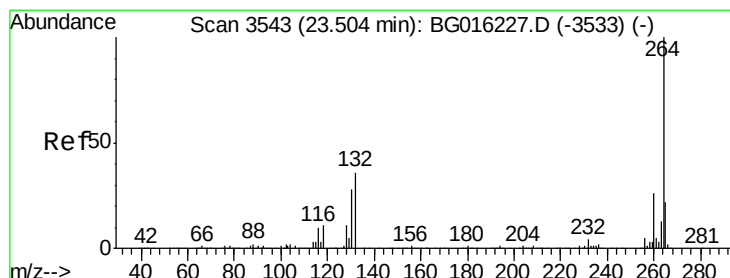
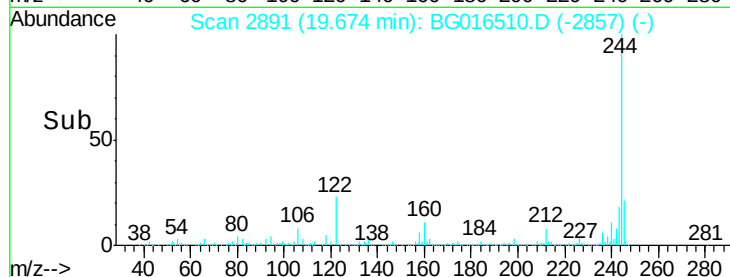
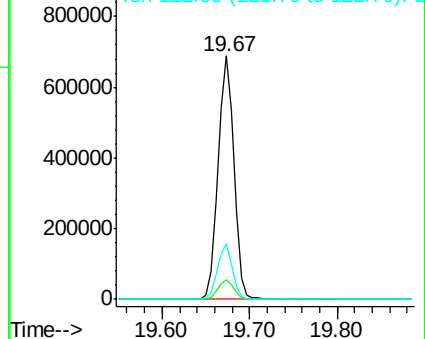
122 22.7 19.1 28.7



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: 23.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG016510.D

Acq: 18 Apr 2015 6:35

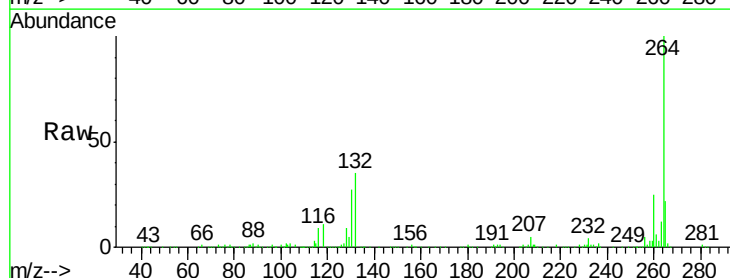
Tgt Ion:264 Resp: 282833

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 21.7 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

