

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016518.D
 Acq On : 18 Apr 2015 11:13
 Operator : TP/IZ
 Sample : G1868-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P5-27

Quant Time: Apr 20 02:32:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 02:16:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	68900	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	292730	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	164500	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	353492	20.00	ng	0.00
75) Chrysene-d12	21.22	240	315472	20.00	ng	0.00
86) Perylene-d12	23.46	264	290553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	459592	105.27	ng	0.00
7) Phenol-d6	6.85	99	587189	89.60	ng	0.00
23) Nitrobenzene-d5	8.82	82	346303	68.53	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	131688	118.37	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	724963	75.03	ng	0.00
78) Terphenyl-d14	19.67	244	939901	69.73	ng	0.00

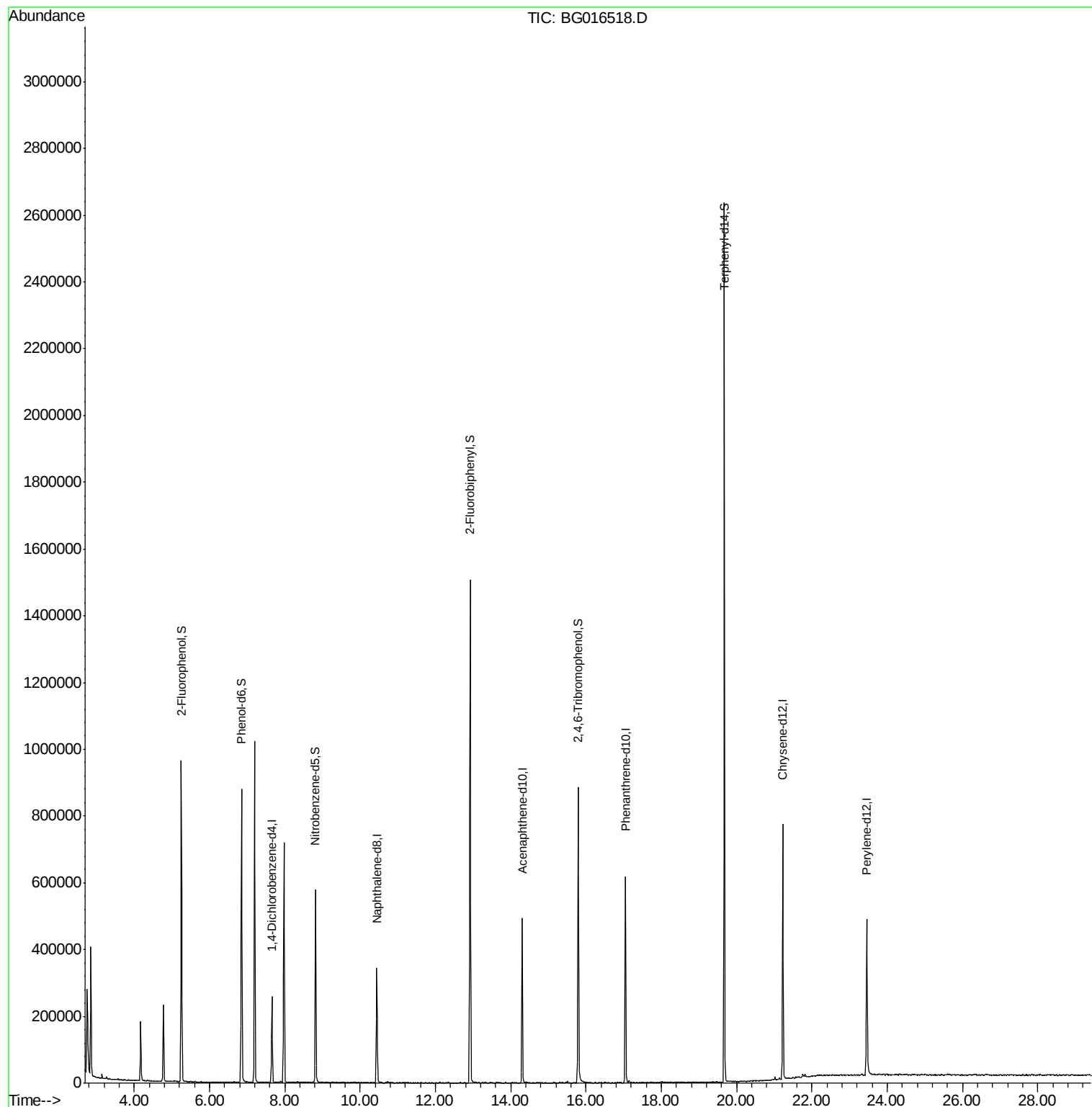
Target Compounds	Qvalue
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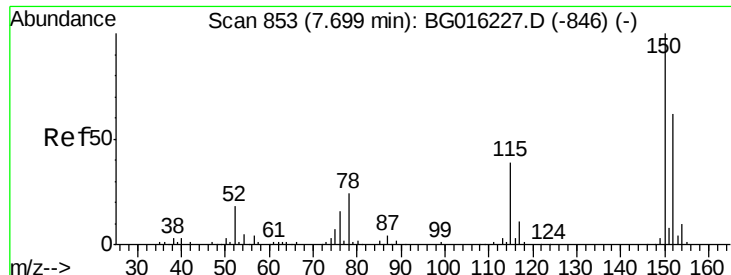
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016518.D

Acq: 18 Apr 2015 11:13

Instrument :

BNA_G

ClientSampleId :

P5-27

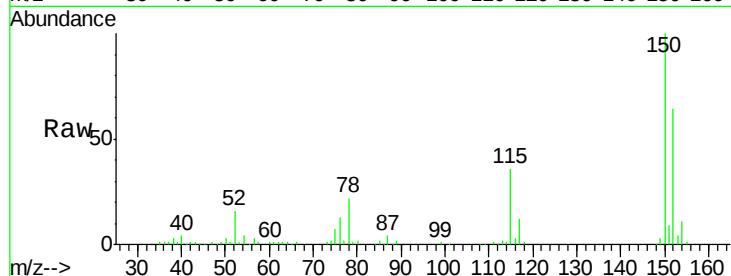
Tgt Ion:152 Resp: 68900

Ion Ratio Lower Upper

152 100

150 156.1 130.1 195.1

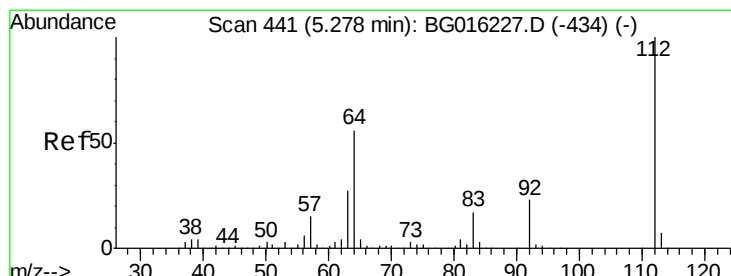
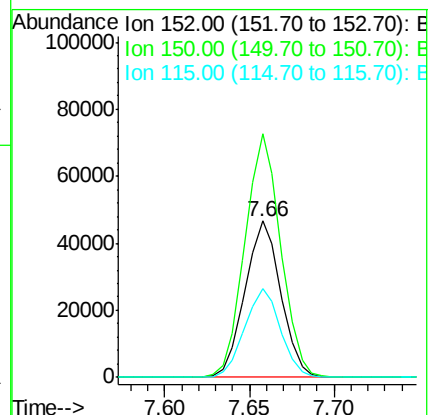
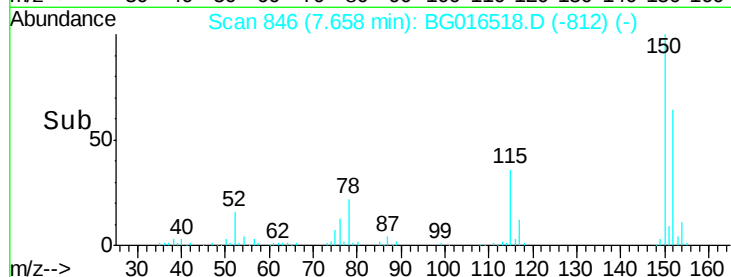
115 56.5 50.5 75.7



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: 105.27 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG016518.D

Acq: 18 Apr 2015 11:13

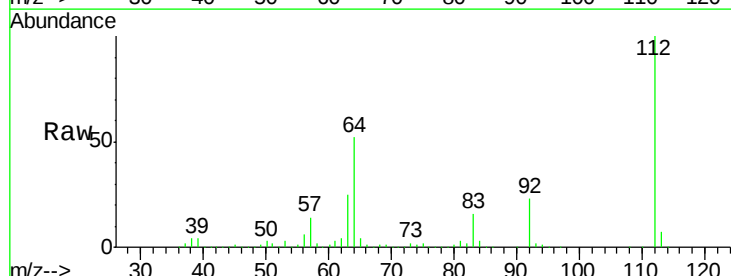
Tgt Ion:112 Resp: 459592

Ion Ratio Lower Upper

112 100

64 51.7 44.5 66.7

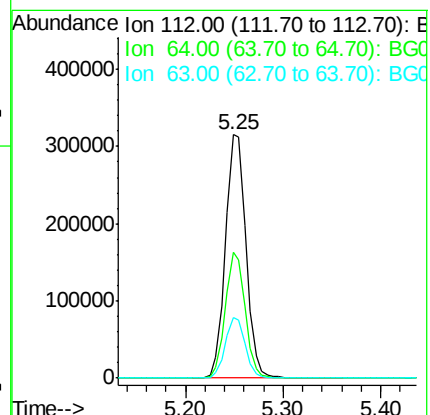
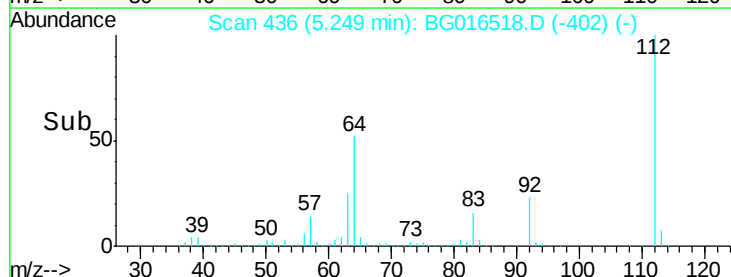
63 25.0 21.4 32.0

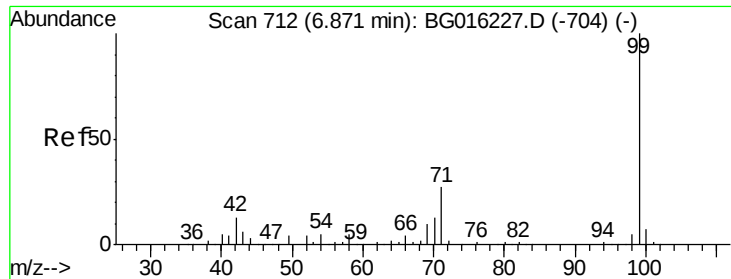


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.60 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG016518.D

Acq: 18 Apr 2015 11:13

Instrument :

BNA_G

ClientSampleId :

P5-27

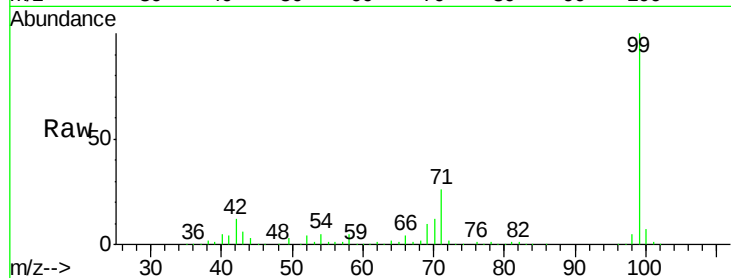
Tgt Ion: 99 Resp: 587189

Ion Ratio Lower Upper

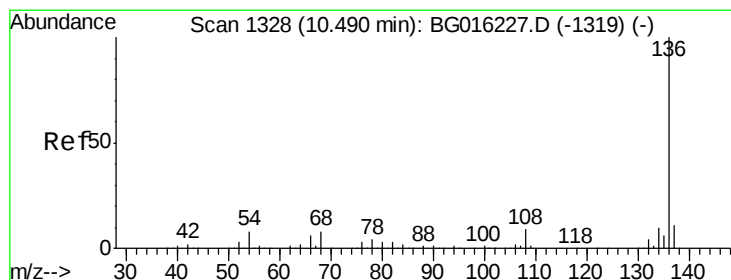
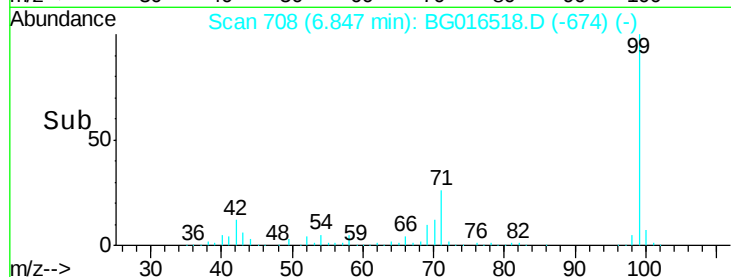
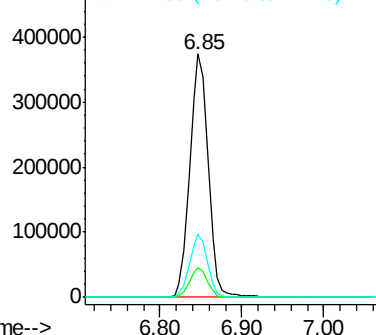
99 100

42 12.2 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: 10.44 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG016518.D

Acq: 18 Apr 2015 11:13

Tgt Ion: 136 Resp: 292730

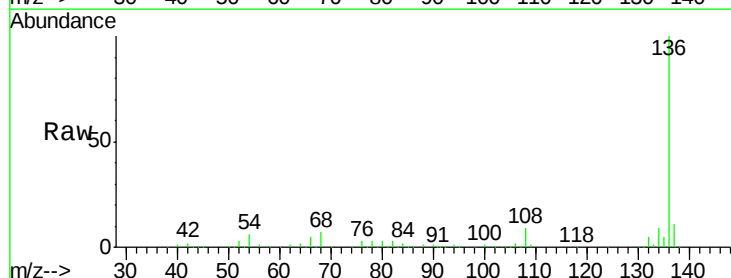
Ion Ratio Lower Upper

136 100

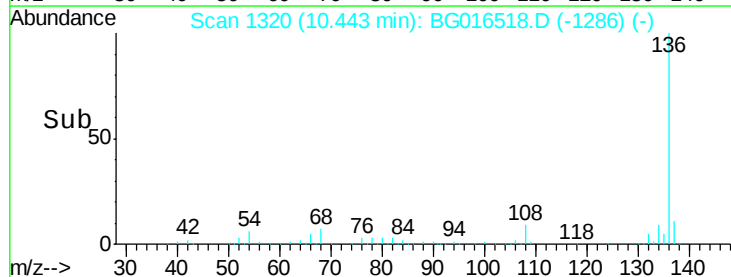
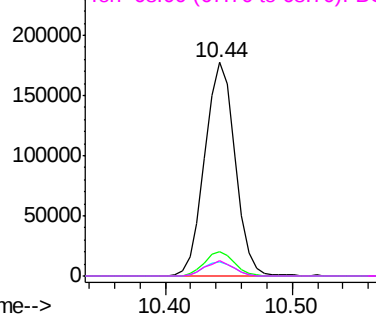
137 11.2 8.7 13.1

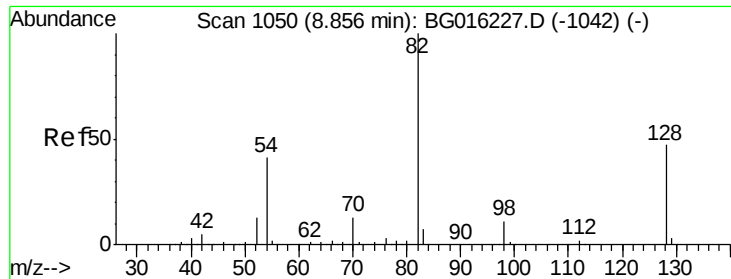
54 6.5 6.3 9.5

68 6.9 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

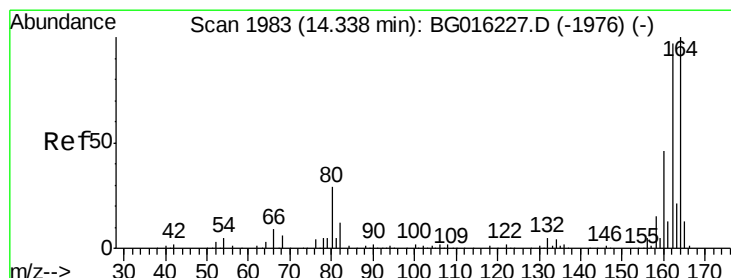
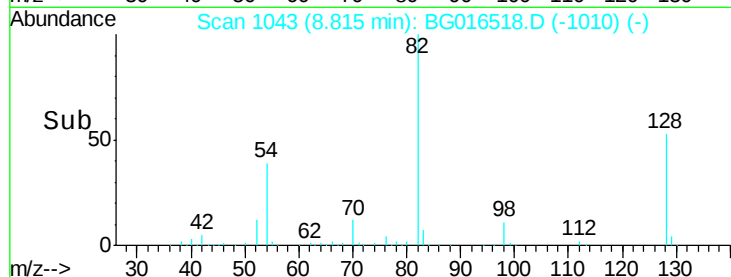
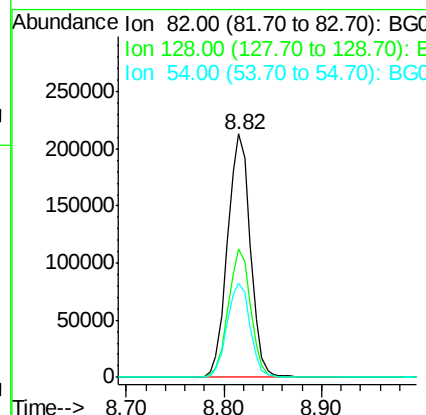
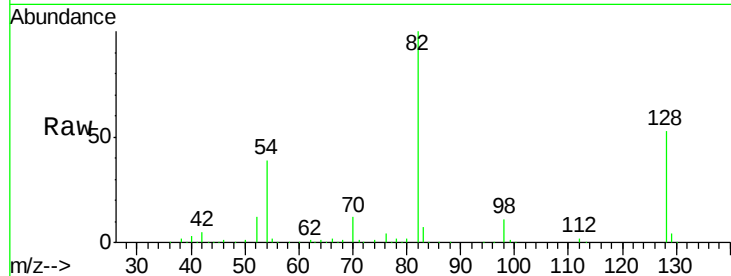




#23
 Nitrobenzene-d5
 Concen: 68.53 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG016518.D
 Acq: 18 Apr 2015 11:13

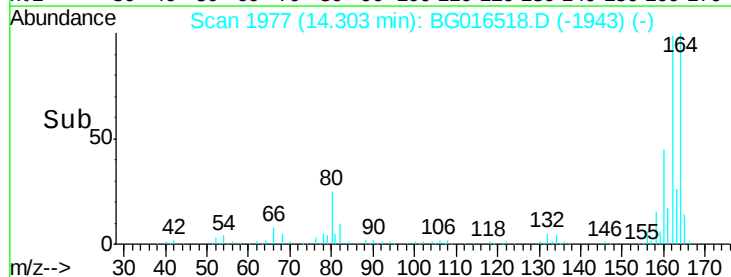
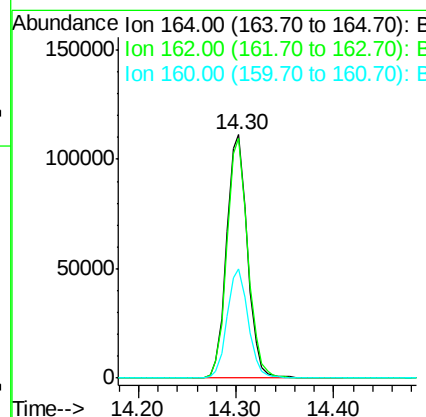
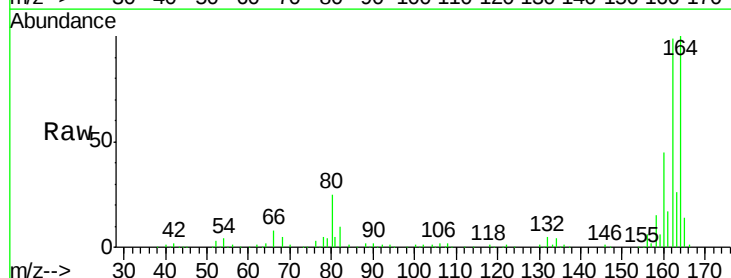
Instrument :
 BNA_G
 ClientSampled :
 P5-27

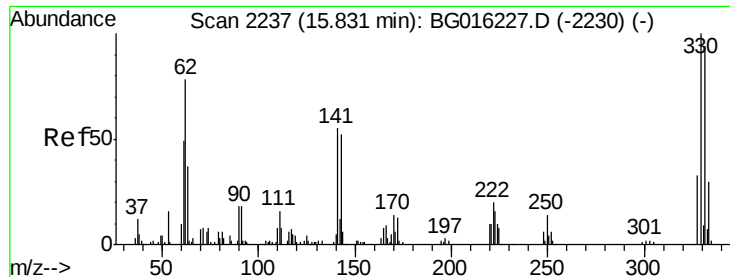
Tgt Ion: 82 Resp: 346303
 Ion Ratio Lower Upper
 82 100
 128 53.0 37.8 56.8
 54 38.7 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG016518.D
 Acq: 18 Apr 2015 11:13

Tgt Ion: 164 Resp: 164500
 Ion Ratio Lower Upper
 164 100
 162 98.7 77.3 115.9
 160 45.0 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 118.37 ng

RT: 15.80 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG016518.D

Acq: 18 Apr 2015 11:13

Instrument :

BNA_G

ClientSampleId :

P5-27

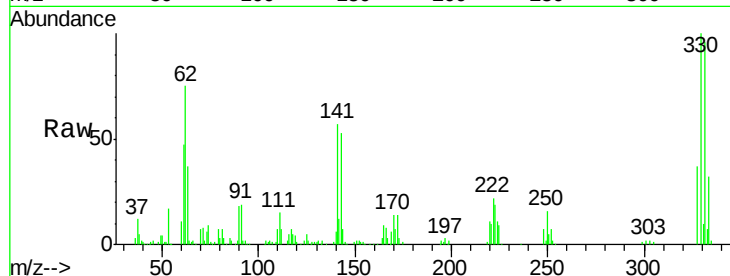
Tgt Ion:330 Resp: 131688

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.6

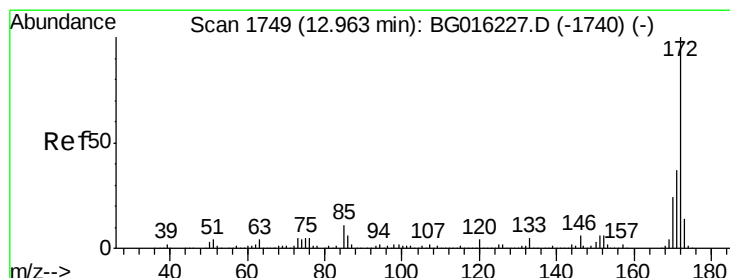
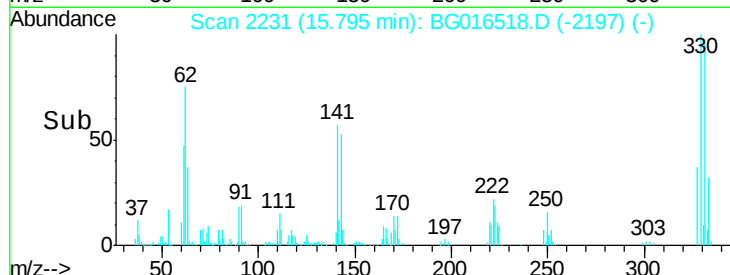
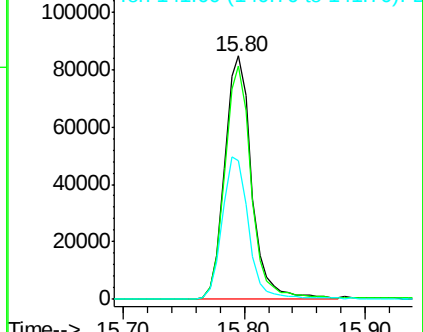
141 57.6 46.6 69.8



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: 75.03 ng

RT: 12.92 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG016518.D

Acq: 18 Apr 2015 11:13

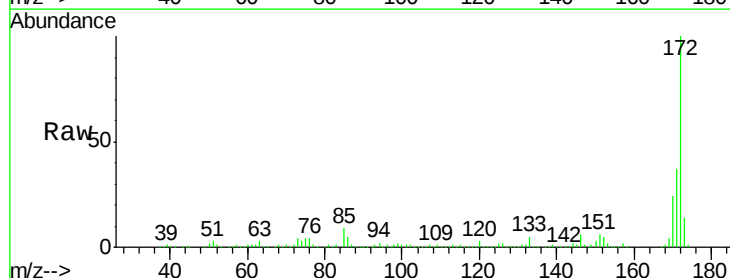
Tgt Ion:172 Resp: 724963

Ion Ratio Lower Upper

172 100

171 37.4 29.6 44.4

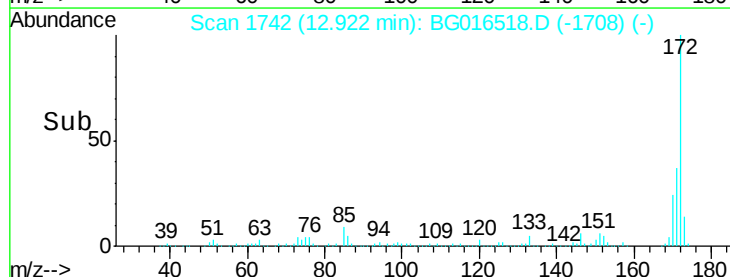
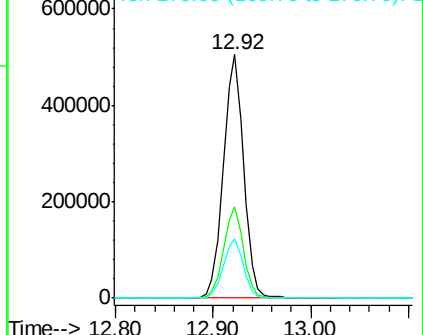
170 24.4 19.4 29.2

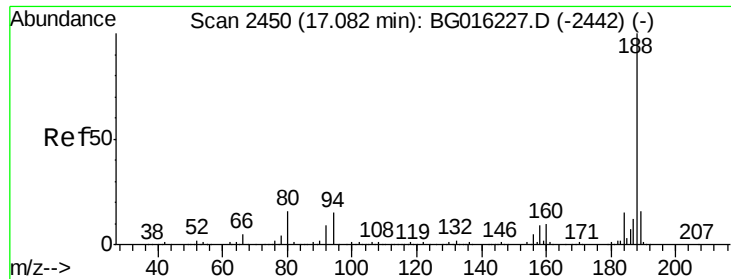


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

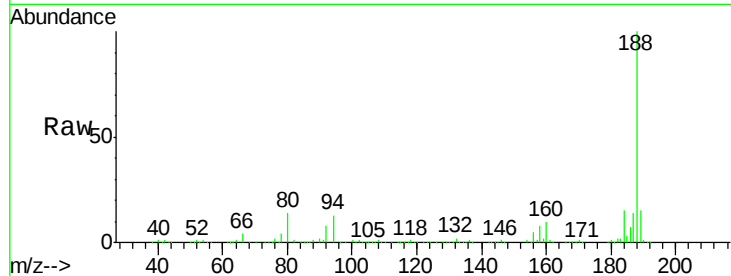




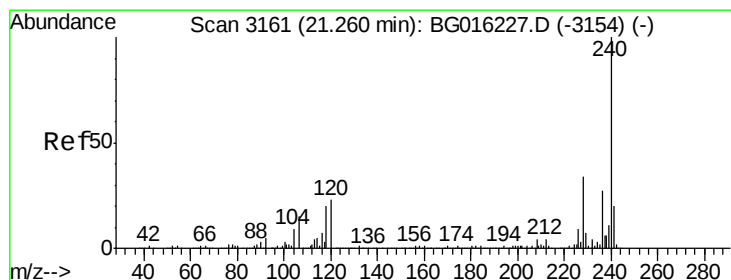
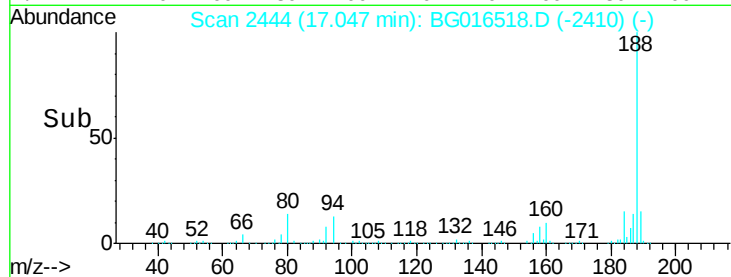
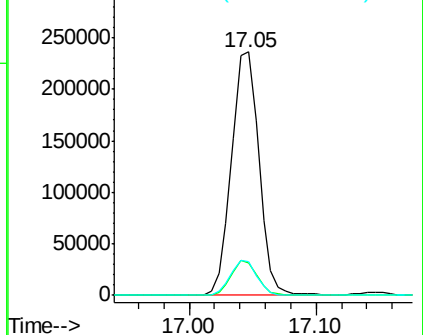
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG016518.D
Acq: 18 Apr 2015 11:13

Instrument :
BNA_G
ClientSampleId :
P5-27

Tgt Ion:188 Resp: 353492
Ion Ratio Lower Upper
188 100
94 13.4 12.2 18.4
80 14.1 12.8 19.2

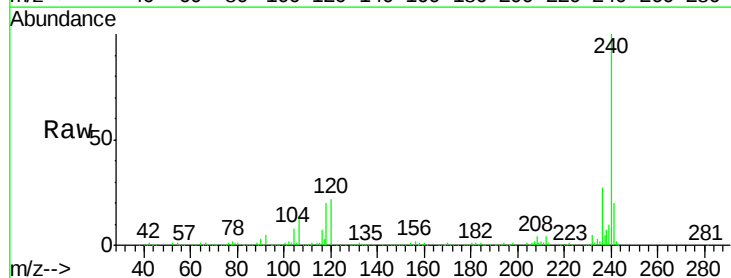


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

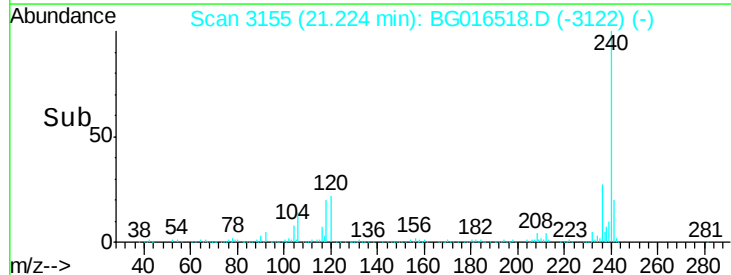
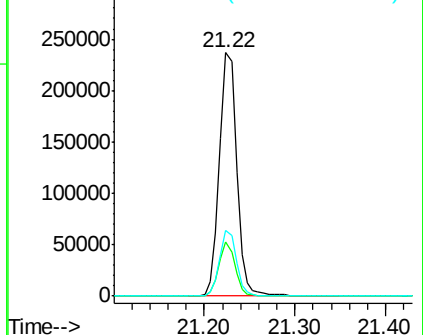


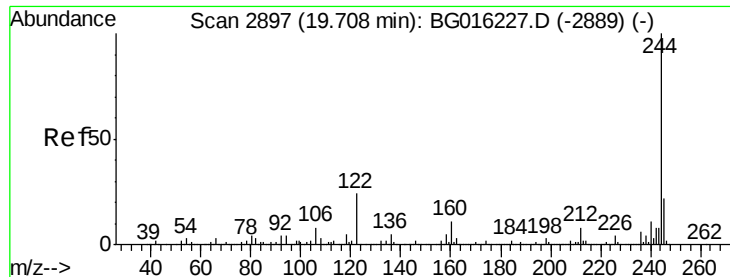
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016518.D
Acq: 18 Apr 2015 11:13

Tgt Ion:240 Resp: 315472
Ion Ratio Lower Upper
240 100
120 22.3 18.6 28.0
236 27.0 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

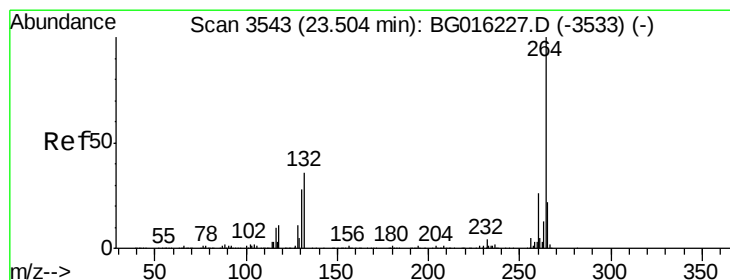
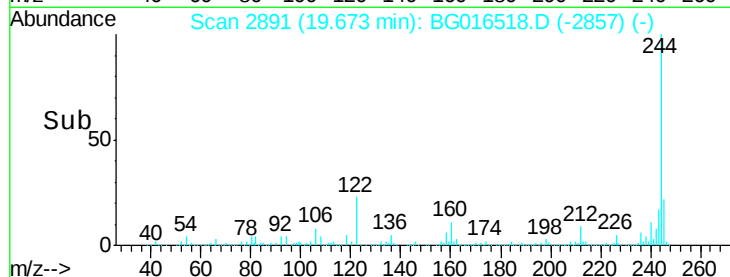
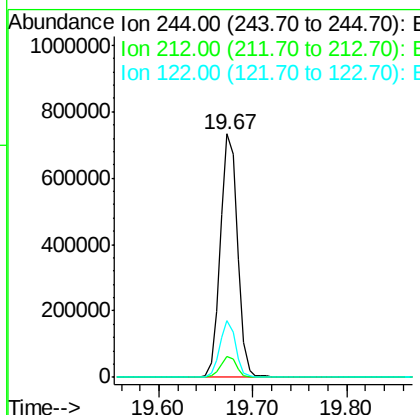
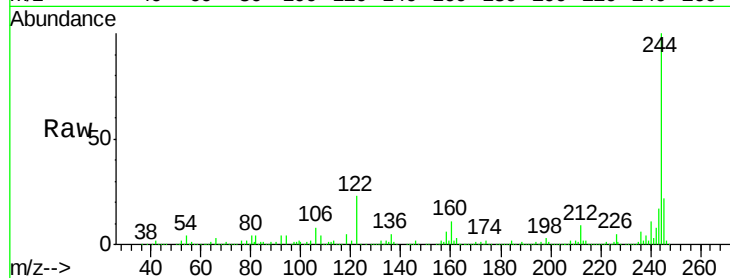




#78
 Terphenyl-d14
 Concen: 69.73 ng
 RT: 19.67 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: BG016518.D
 Acq: 18 Apr 2015 11:13

Instrument :
 BNA_G
 ClientSampleId :
 P5-27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	9.8
122	23.5	19.1	28.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.46 min Scan# 3535
 Delta R.T. 0.01 min
 Lab File: BG016518.D
 Acq: 18 Apr 2015 11:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	21.4	17.2	25.8

