

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040915\
 Data File : BG016310.D
 Acq On : 10 Apr 2015 4:21
 Operator : TP/IZ
 Sample : G1822-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-03

Quant Time: Apr 13 15:30:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	65444	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	310339	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	187367	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	389381	20.00	ng	0.00
75) Chrysene-d12	21.25	240	321291	20.00	ng	0.00
86) Perylene-d12	23.50	264	299903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	280964	67.76	ng	0.01
7) Phenol-d6	6.88	99	253924	40.79	ng	0.01
23) Nitrobenzene-d5	8.86	82	519284	96.93	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	194202	153.26	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1105177	100.43	ng	0.00
78) Terphenyl-d14	19.71	244	1256625	91.54	ng	0.00

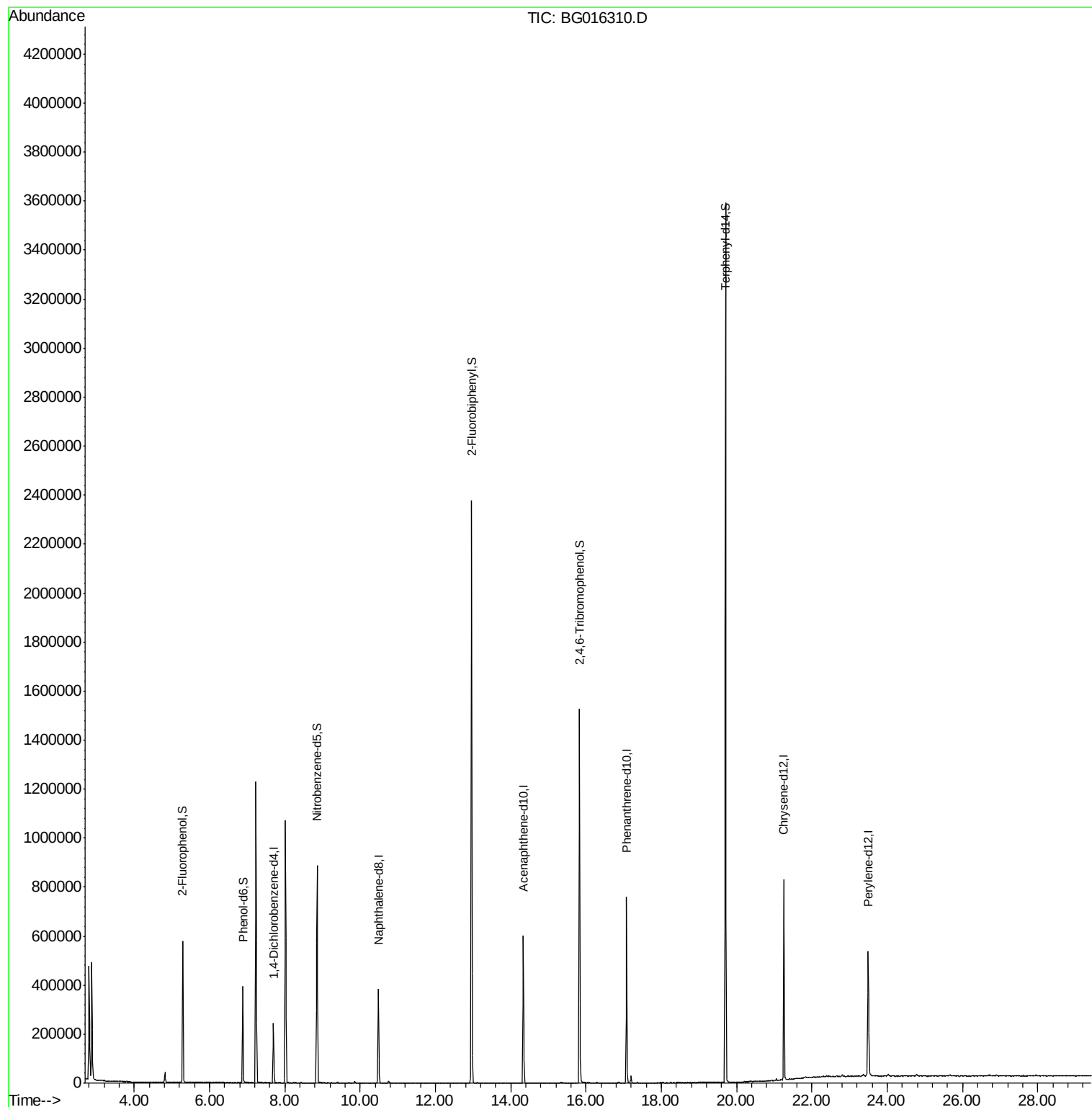
Target Compounds	Qvalue
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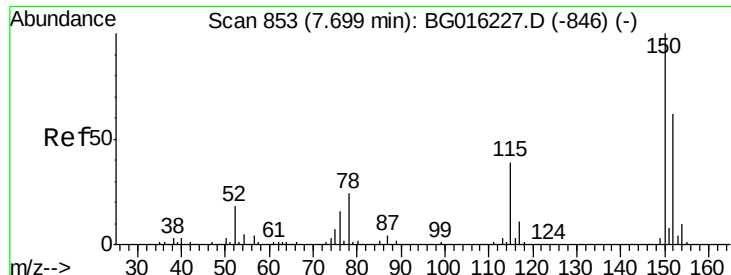
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG016310.D

Acq: 10 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

EB-03

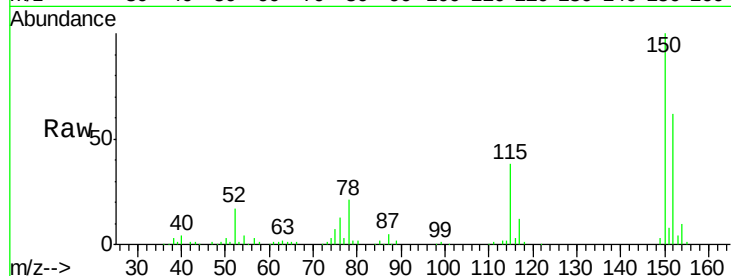
Tgt Ion:152 Resp: 65444

Ion Ratio Lower Upper

152 100

150 162.5 130.1 195.1

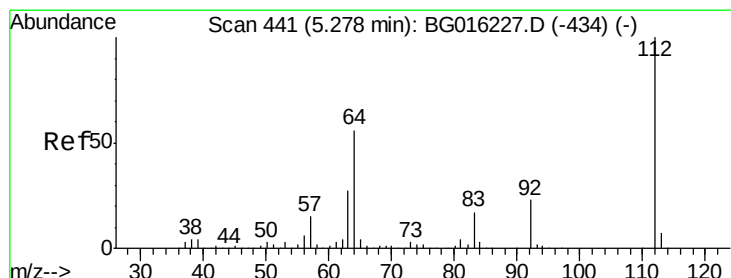
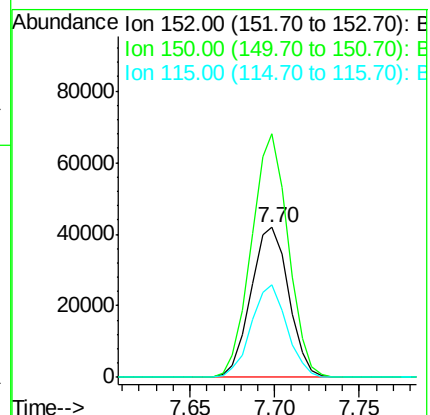
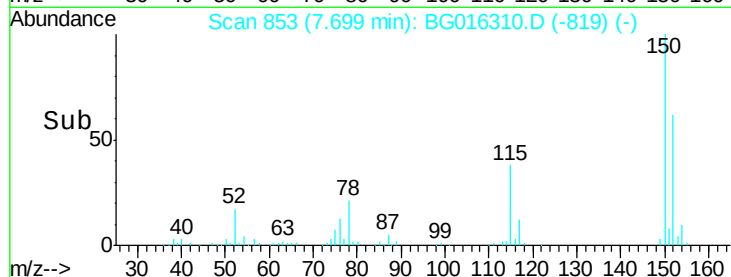
115 61.7 50.5 75.7



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: 67.76 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG016310.D

Acq: 10 Apr 2015 4:21

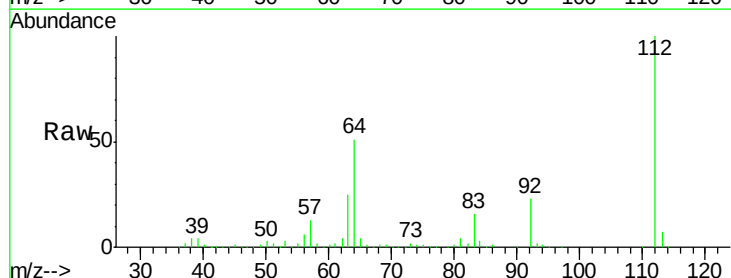
Tgt Ion:112 Resp: 280964

Ion Ratio Lower Upper

112 100

64 51.0 44.5 66.7

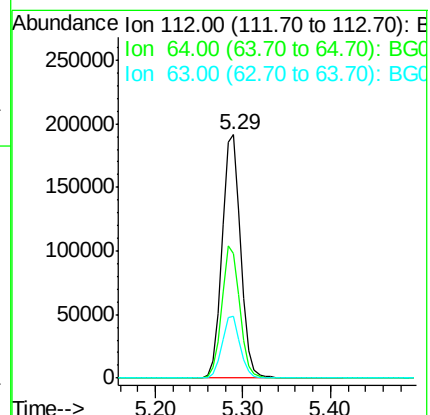
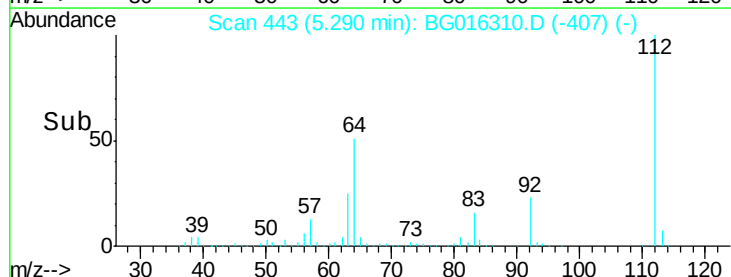
63 25.2 21.4 32.0

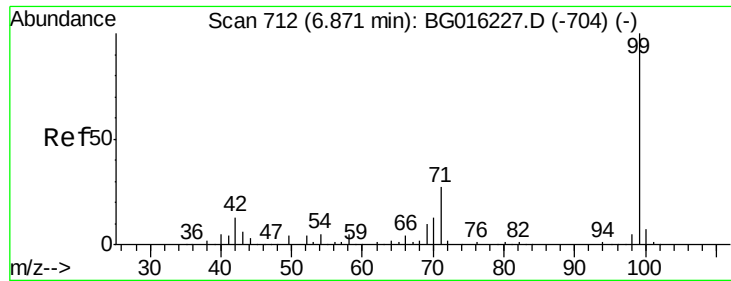


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.79 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016310.D

Acq: 10 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

EB-03

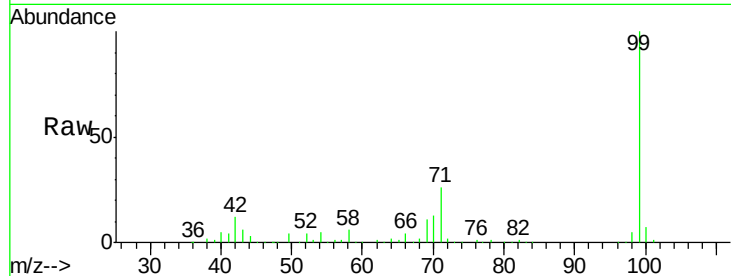
Tgt Ion: 99 Resp: 253924

Ion Ratio Lower Upper

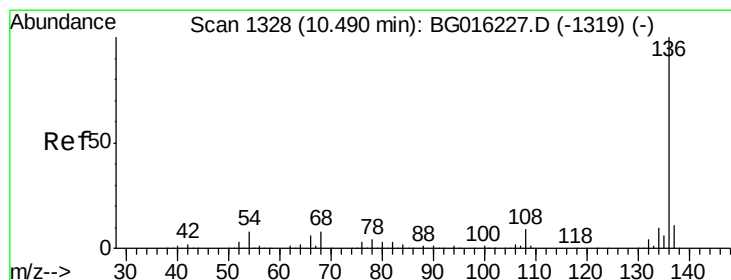
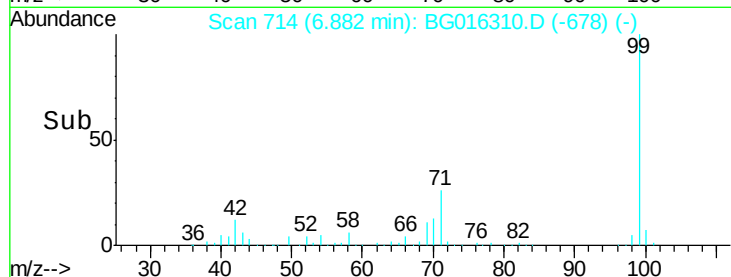
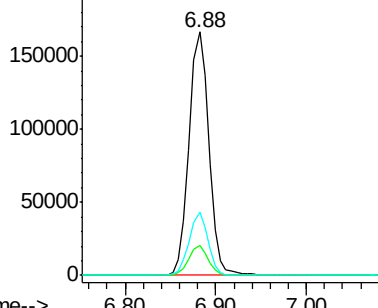
99 100

42 12.3 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# 1327

Delta R.T. -0.01 min

Lab File: BG016310.D

Acq: 10 Apr 2015 4:21

Tgt Ion: 136 Resp: 310339

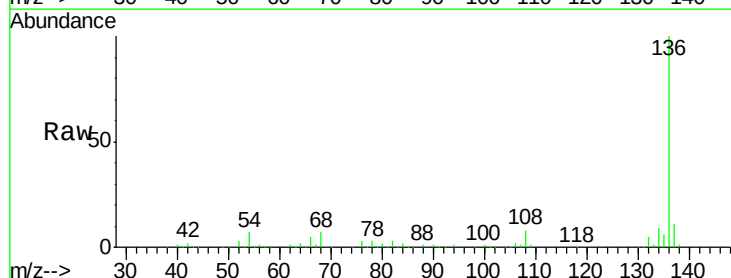
Ion Ratio Lower Upper

136 100

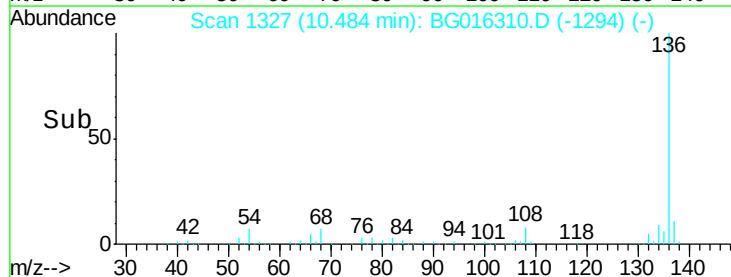
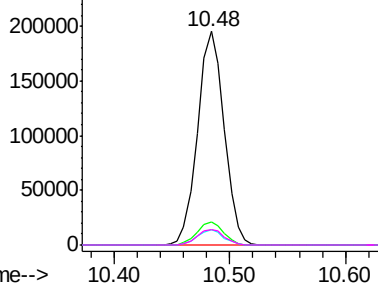
137 11.0 8.7 13.1

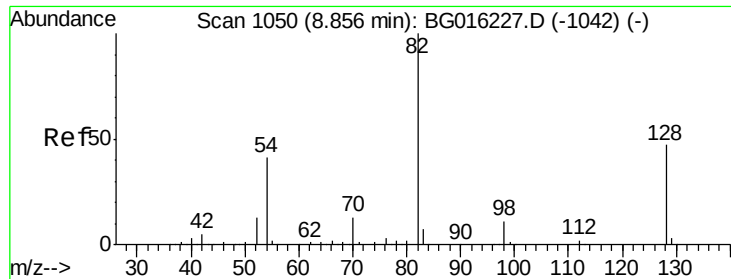
54 7.4 6.3 9.5

68 7.3 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

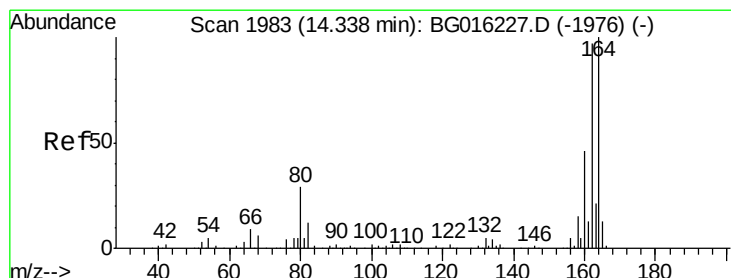
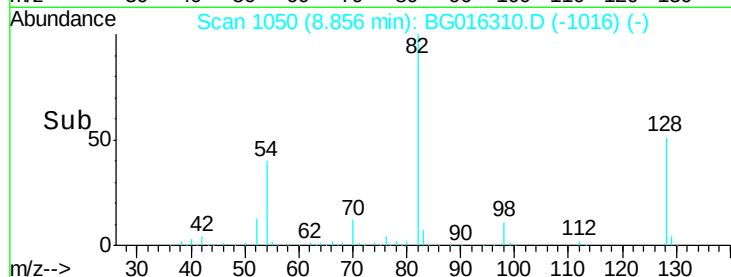
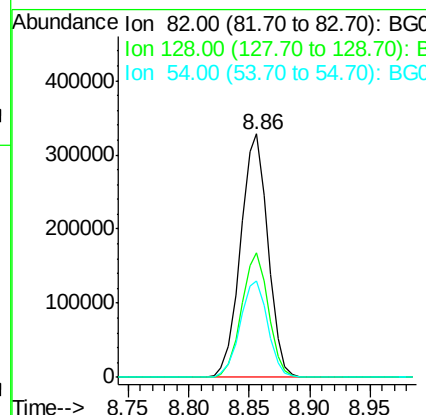
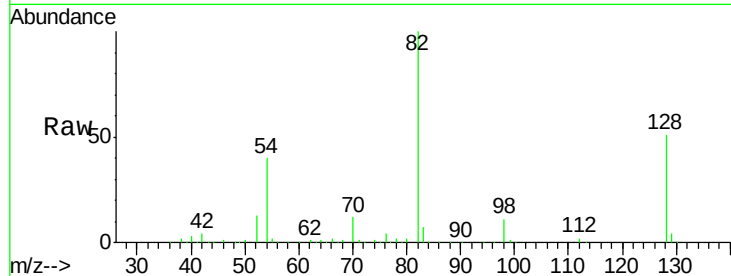




#23
 Nitrobenzene-d5
 Concen: 96.93 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG016310.D
 Acq: 10 Apr 2015 4:21

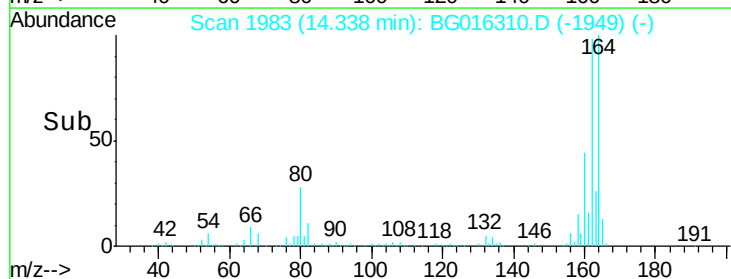
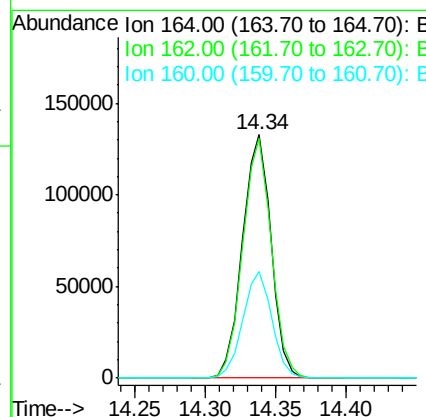
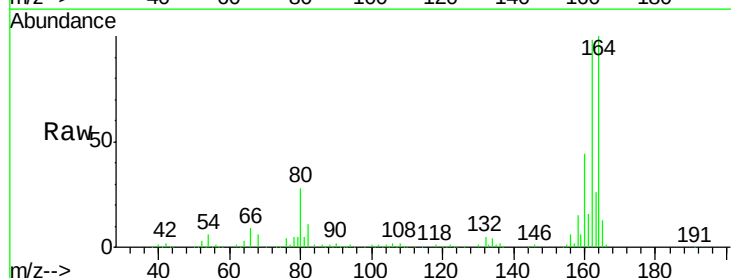
Instrument :
 BNA_G
 ClientSampled :
 EB-03

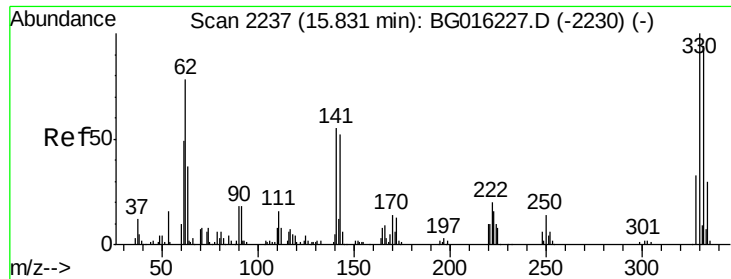
Tgt Ion: 82 Resp: 519284
 Ion Ratio Lower Upper
 82 100
 128 50.9 37.8 56.8
 54 39.8 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG016310.D
 Acq: 10 Apr 2015 4:21

Tgt Ion: 164 Resp: 187367
 Ion Ratio Lower Upper
 164 100
 162 98.4 77.3 115.9
 160 44.1 36.7 55.1

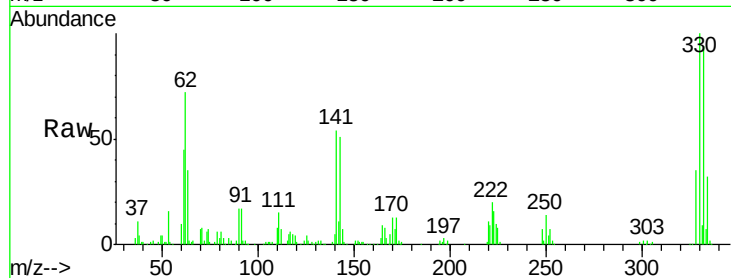




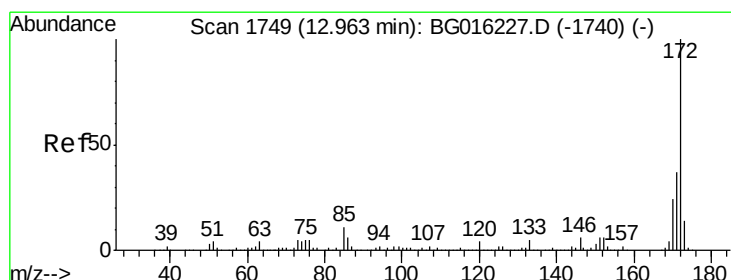
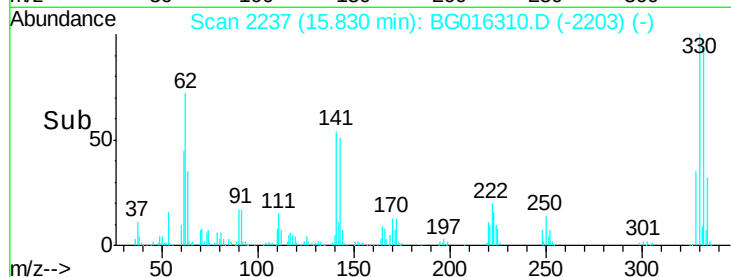
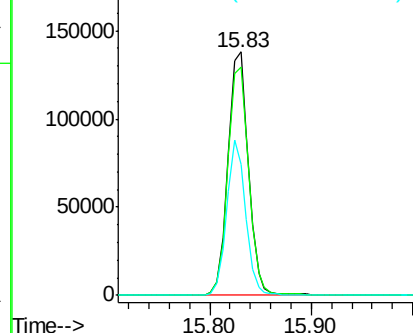
#41
 2,4,6-Tribromophenol
 Concen: 153.26 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BG016310.D
 Acq: 10 Apr 2015 4:21

Instrument :
 BNA_G
 ClientSampleId :
 EB-03

Tgt Ion: 330 Resp: 194202
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.8 113.6
 141 58.8 46.6 69.8

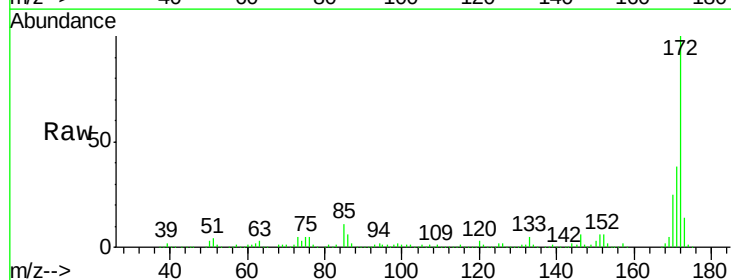


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

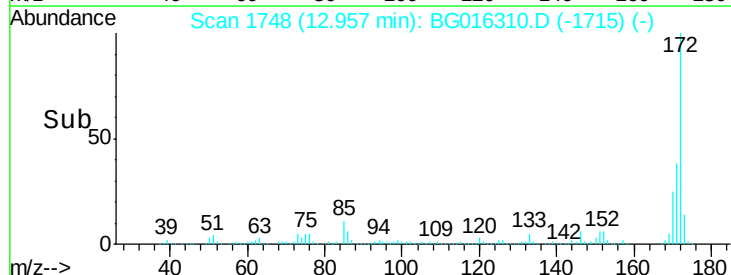
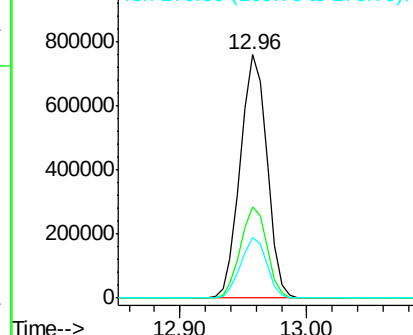


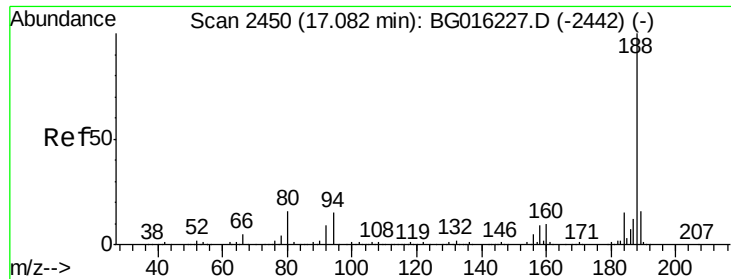
#44
 2-Fluorobiphenyl
 Concen: 100.43 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016310.D
 Acq: 10 Apr 2015 4:21

Tgt Ion: 172 Resp: 1105177
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.6 44.4
 170 25.1 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

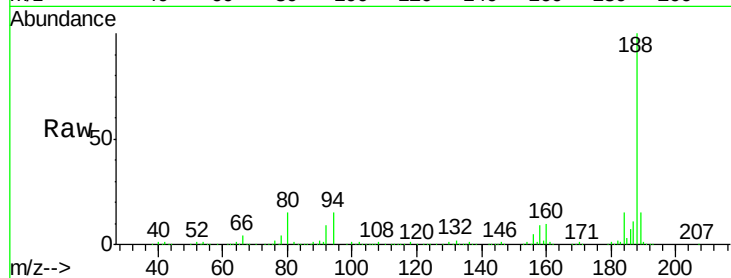




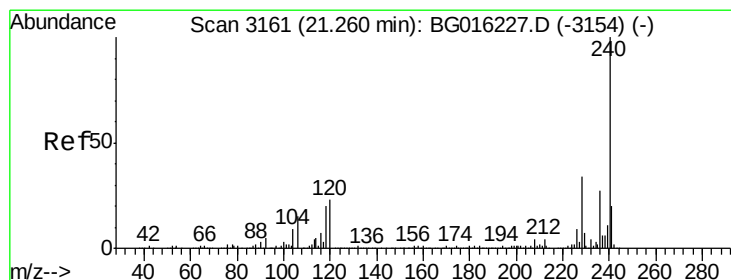
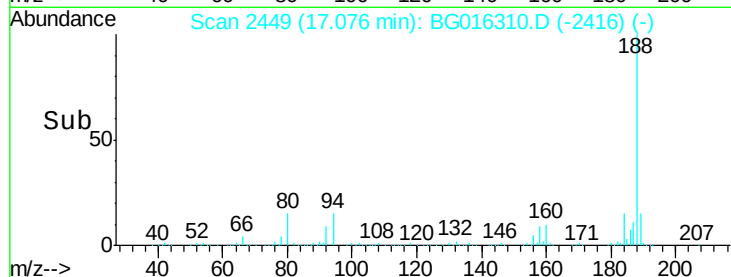
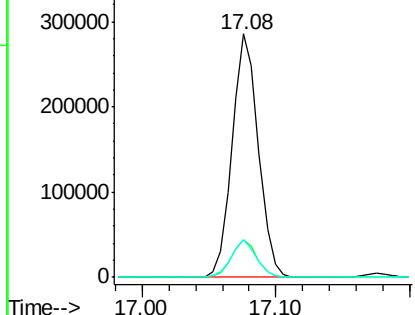
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG016310.D
Acq: 10 Apr 2015 4:21

Instrument :
BNA_G
ClientSampleId :
EB-03

Tgt Ion:188 Resp: 389381
Ion Ratio Lower Upper
188 100
94 15.5 12.2 18.4
80 15.4 12.8 19.2

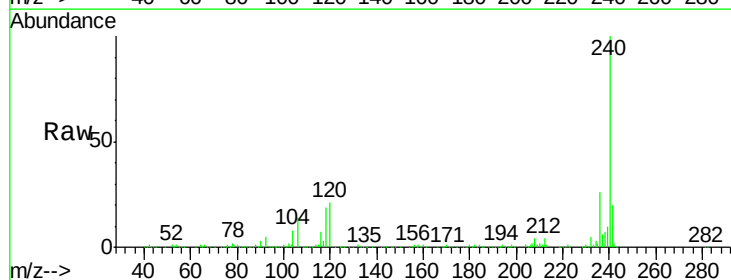


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

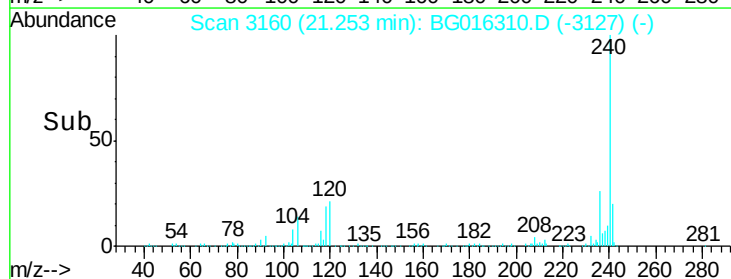
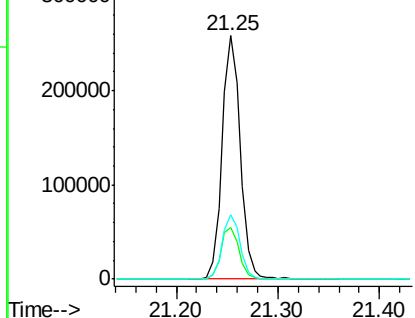


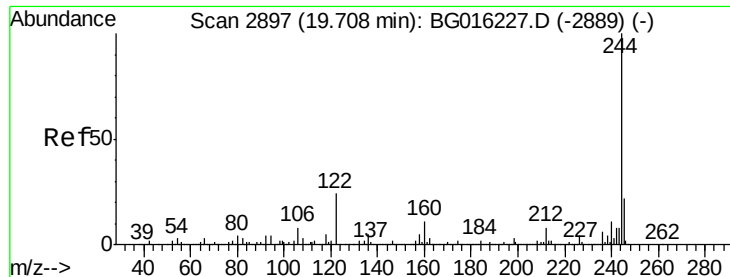
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016310.D
Acq: 10 Apr 2015 4:21

Tgt Ion:240 Resp: 321291
Ion Ratio Lower Upper
240 100
120 21.3 18.6 28.0
236 26.4 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: 91.54 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG016310.D

Acq: 10 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

EB-03

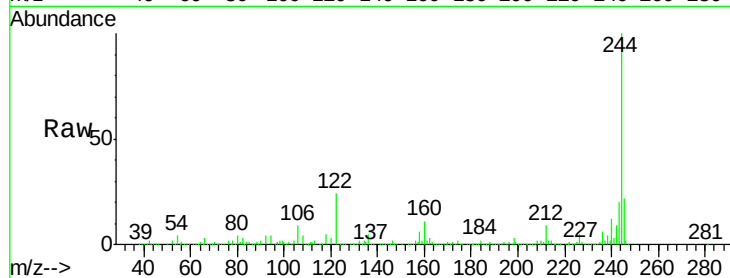
Tgt Ion:244 Resp: 1256625

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

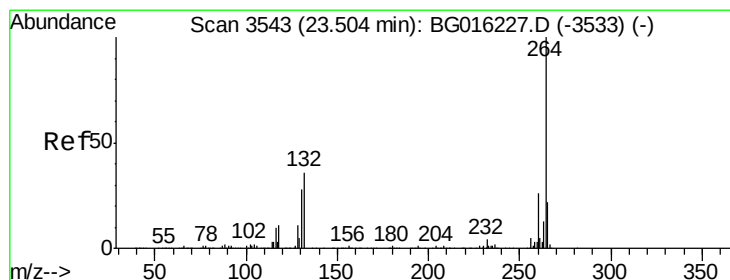
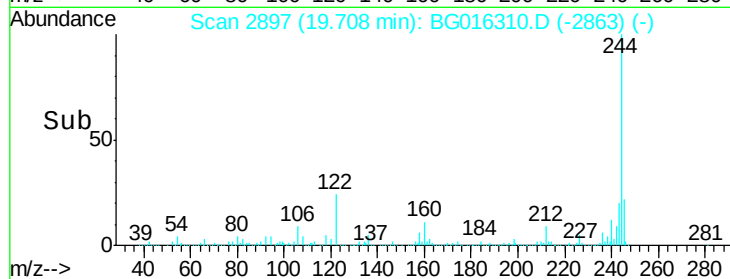
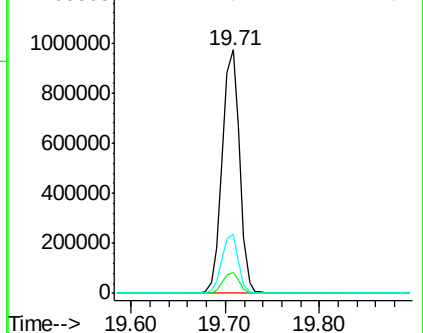
122 24.1 19.1 28.7



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: BG016310.D

Acq: 10 Apr 2015 4:21

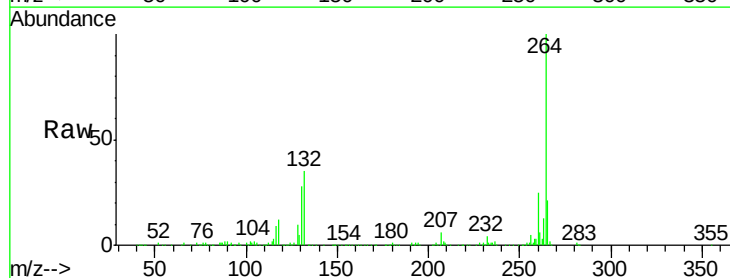
Tgt Ion:264 Resp: 299903

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 21.1 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

