

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
 Data File : BG017437.D
 Acq On : 4 Jun 2015 10:19
 Operator : TP/IZ
 Sample : G2443-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-04

Quant Time: Jun 04 17:22:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17317	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	74604	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	53943	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	138048	20.00	ng	0.00
75) Chrysene-d12	21.23	240	175883	20.00	ng	0.00
86) Perylene-d12	23.47	264	176167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	50524	51.40	ng	0.00
7) Phenol-d6	6.83	99	40667	30.37	ng	0.00
23) Nitrobenzene-d5	8.79	82	109589	73.33	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	83190	111.03	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	246853	69.03	ng	0.00
78) Terphenyl-d14	19.68	244	581333	68.31	ng	0.00

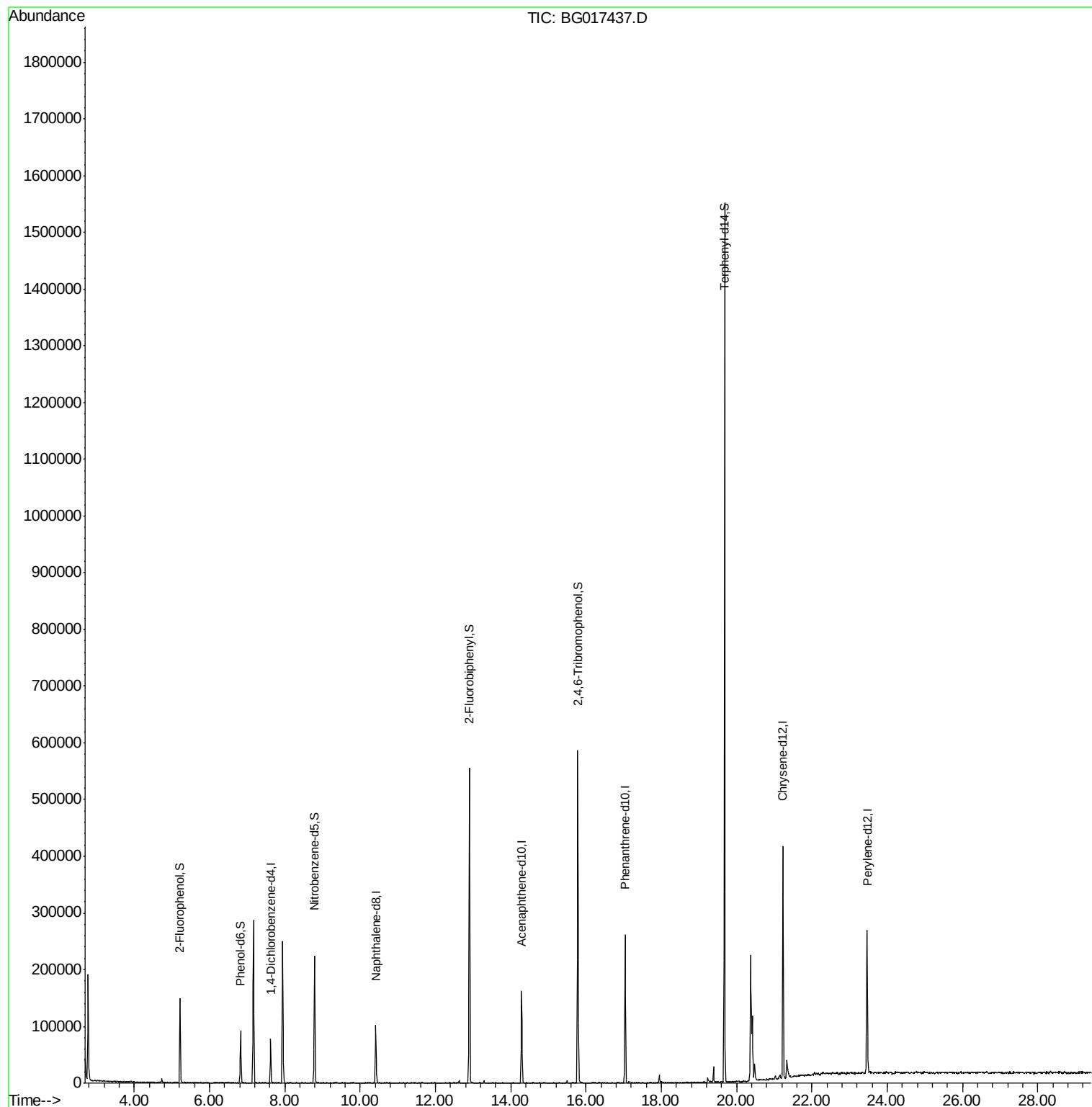
Target Compounds	Qvalue
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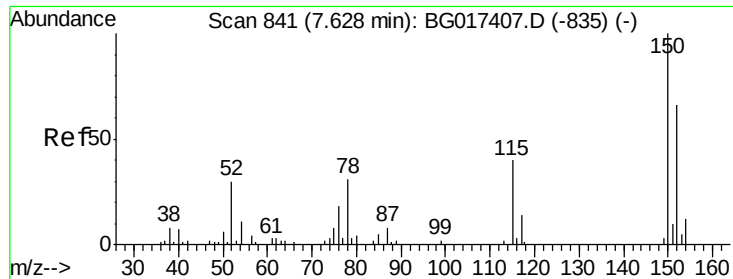
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG017437.D

Acq: 4 Jun 2015 10:19

Instrument :

BNA_G

ClientSampled :

EB-04

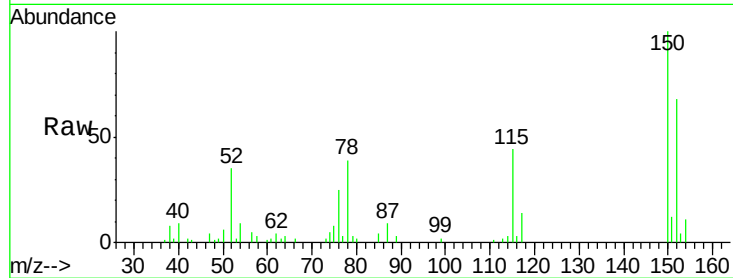
Tgt Ion:152 Resp: 17317

Ion Ratio Lower Upper

152 100

150 147.7 121.7 182.5

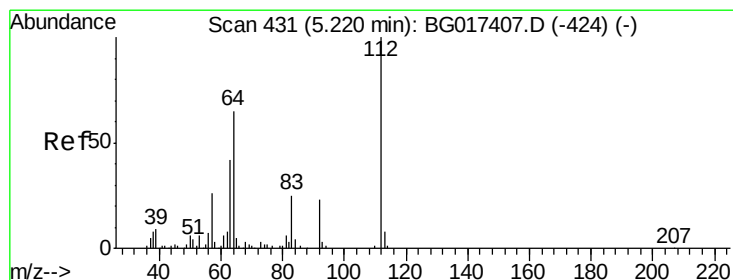
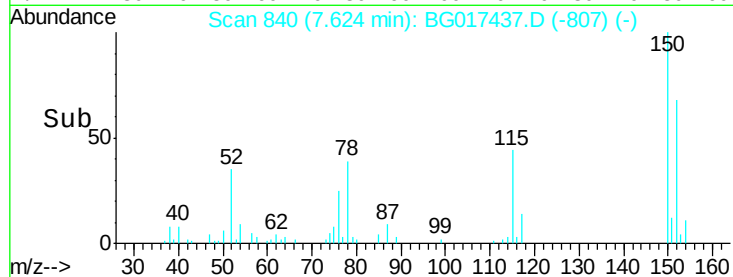
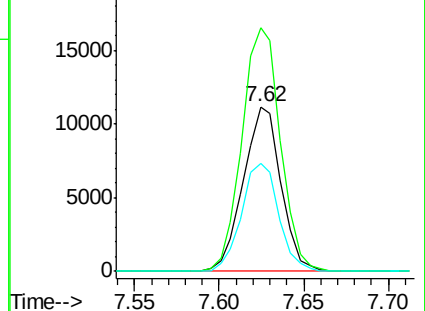
115 65.6 48.6 73.0



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: 51.40 ng

RT: 5.22 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG017437.D

Acq: 4 Jun 2015 10:19

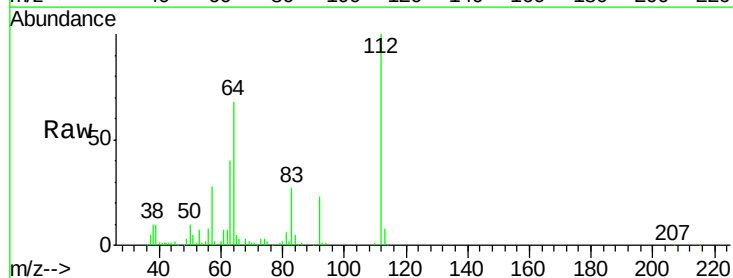
Tgt Ion:112 Resp: 50524

Ion Ratio Lower Upper

112 100

64 67.5 51.6 77.4

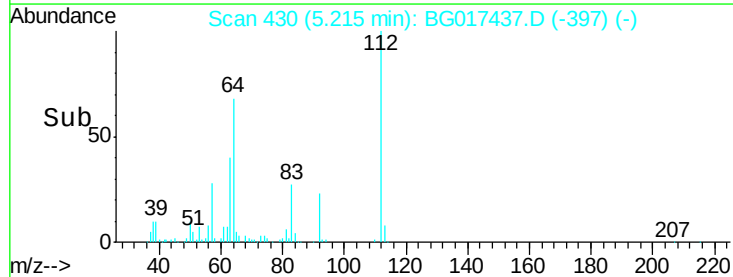
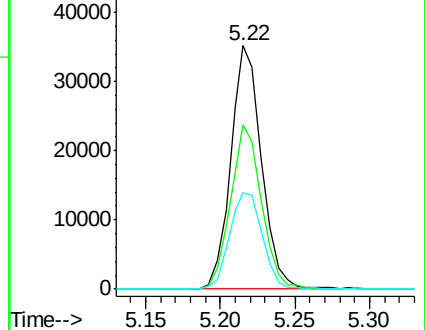
63 39.7 33.3 49.9

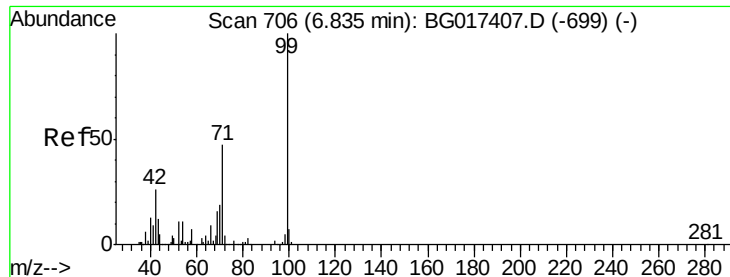


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.37 ng

RT: 6.83 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG017437.D

Acq: 4 Jun 2015 10:19

Instrument :

BNA_G

ClientSampleId :

EB-04

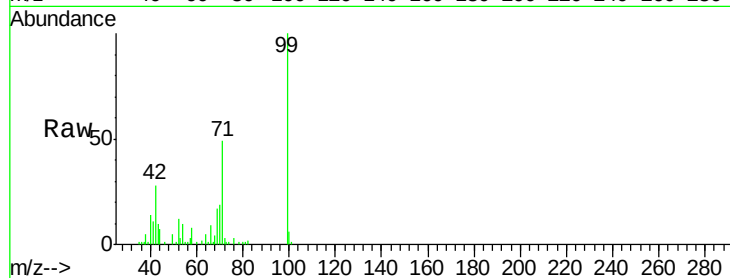
Tgt Ion: 99 Resp: 40667

Ion Ratio Lower Upper

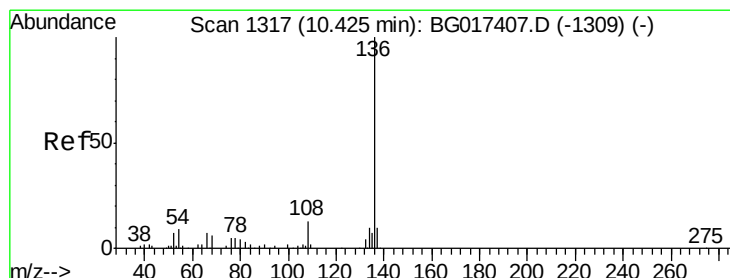
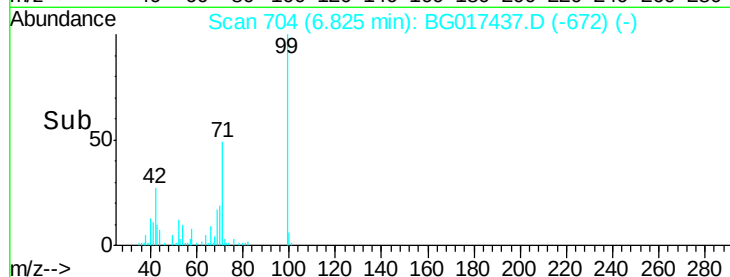
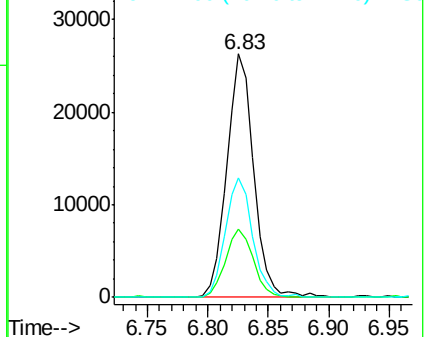
99 100

42 27.9 21.0 31.6

71 49.2 37.2 55.8



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: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG017437.D

Acq: 4 Jun 2015 10:19

Tgt Ion: 136 Resp: 74604

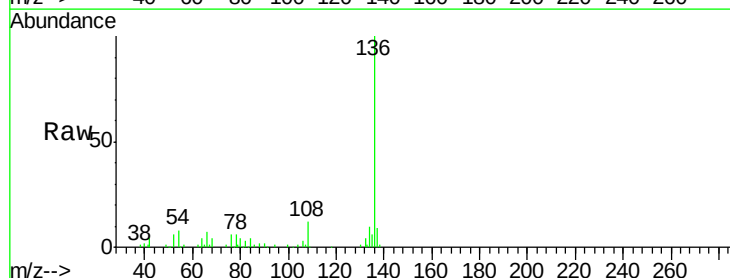
Ion Ratio Lower Upper

136 100

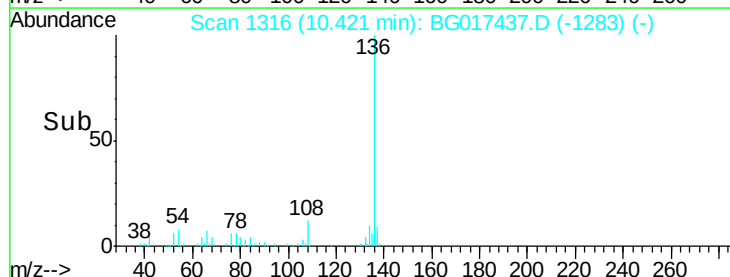
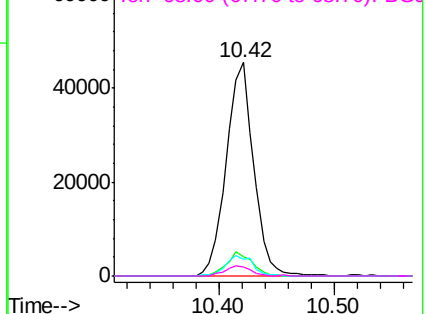
137 8.8 7.9 11.9

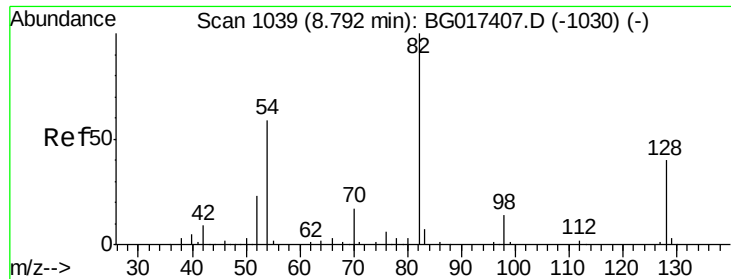
54 7.8 7.2 10.8

68 4.3 4.5 6.7#



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

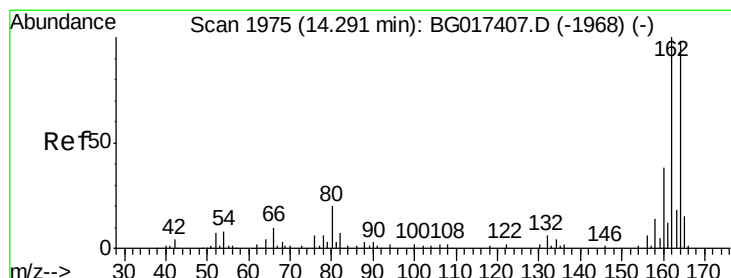
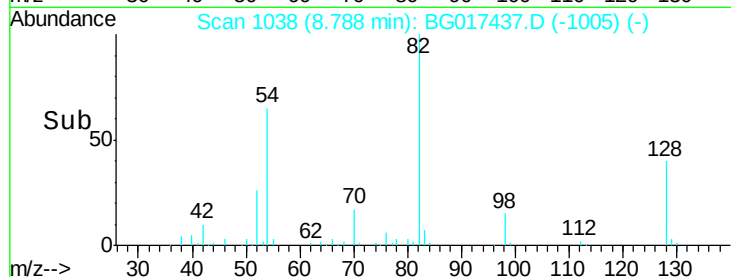
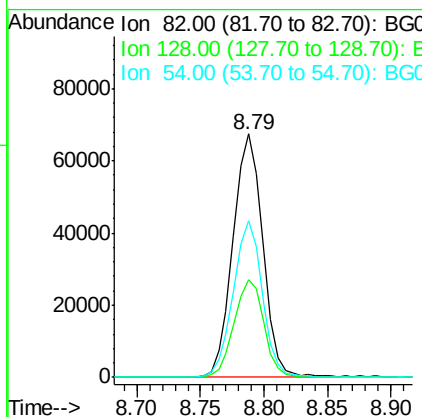
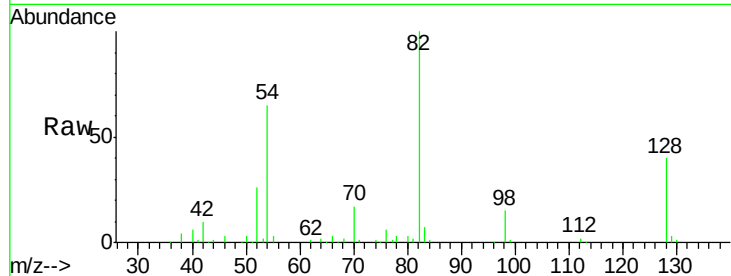




#23
 Nitrobenzene-d5
 Concen: 73.33 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG017437.D
 Acq: 4 Jun 2015 10:19

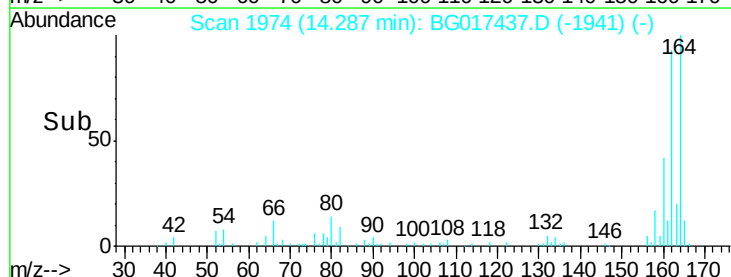
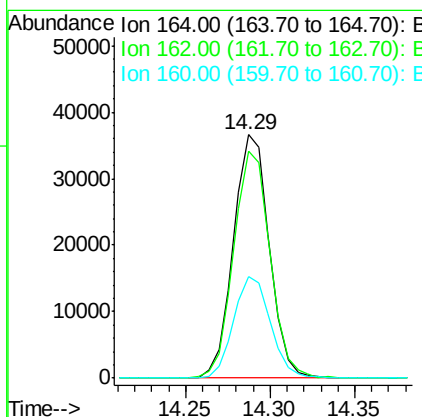
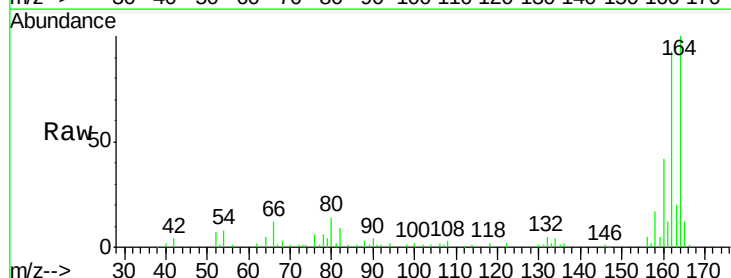
Instrument :
 BNA_G
 ClientSampled :
 EB-04

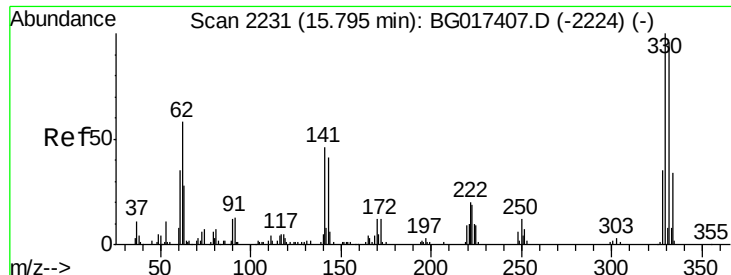
Tgt Ion: 82 Resp: 109589
 Ion Ratio Lower Upper
 82 100
 128 40.2 32.2 48.4
 54 64.5 47.4 71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG017437.D
 Acq: 4 Jun 2015 10:19

Tgt Ion: 164 Resp: 53943
 Ion Ratio Lower Upper
 164 100
 162 93.2 81.8 122.6
 160 41.6 31.0 46.4

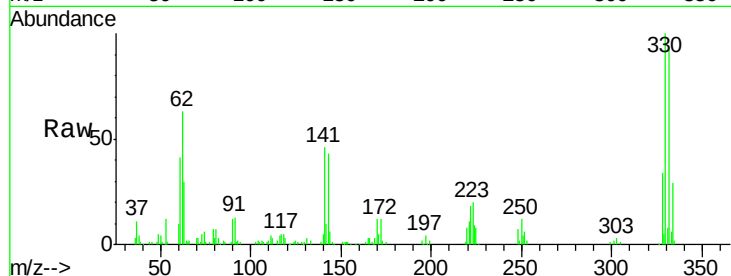




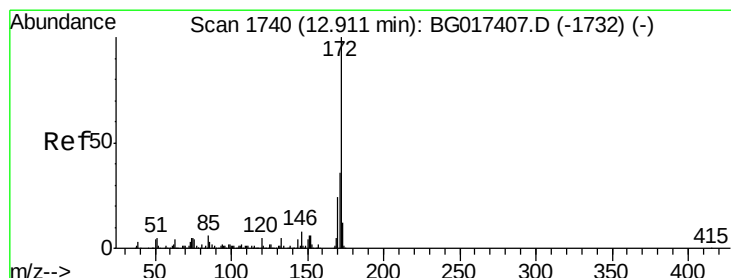
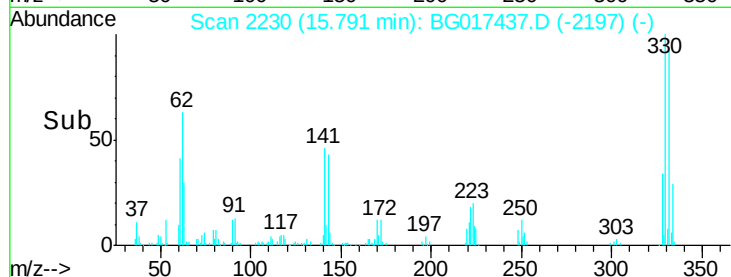
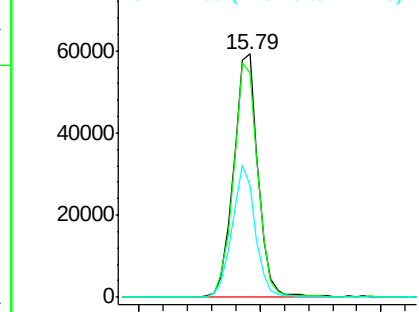
#41
 2,4,6-Tribromophenol
 Concen: 111.03 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG017437.D
 Acq: 4 Jun 2015 10:19

Instrument :
 BNA_G
 ClientSampleId :
 EB-04

Tgt Ion:330 Resp: 83190
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 51.3 40.2 60.4

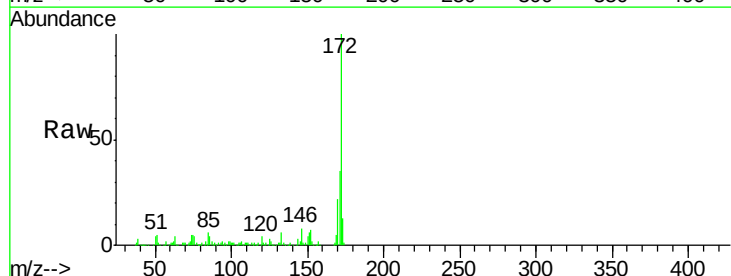


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

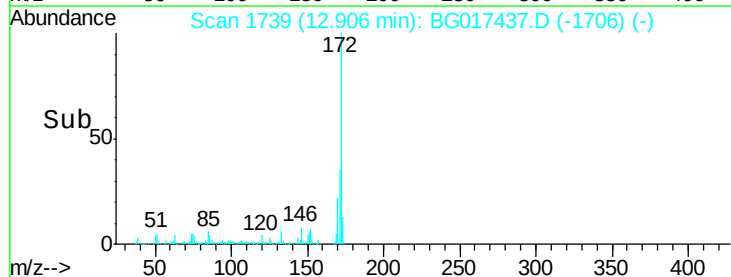
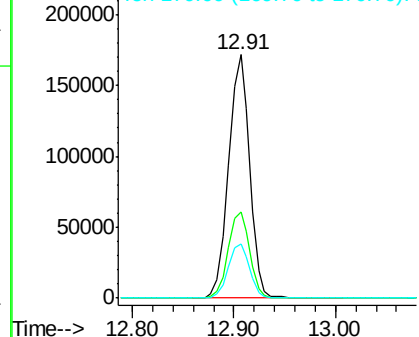


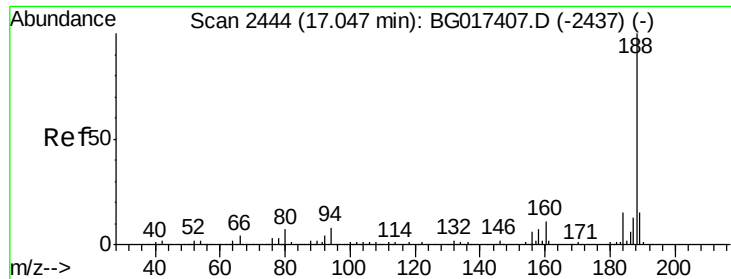
#44
 2-Fluorobiphenyl
 Concen: 69.03 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG017437.D
 Acq: 4 Jun 2015 10:19

Tgt Ion:172 Resp: 246853
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 22.3 18.9 28.3



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

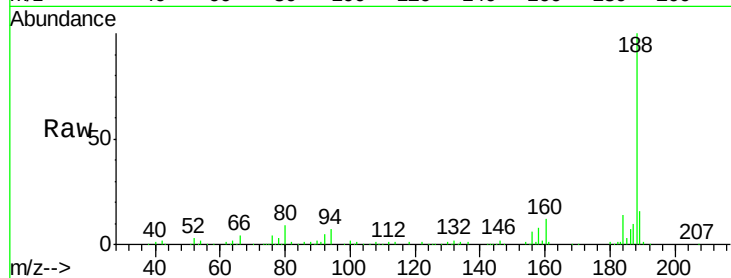




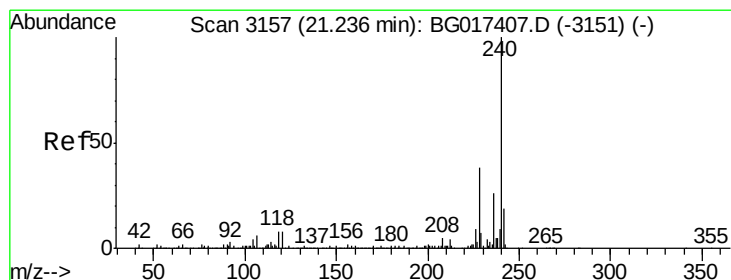
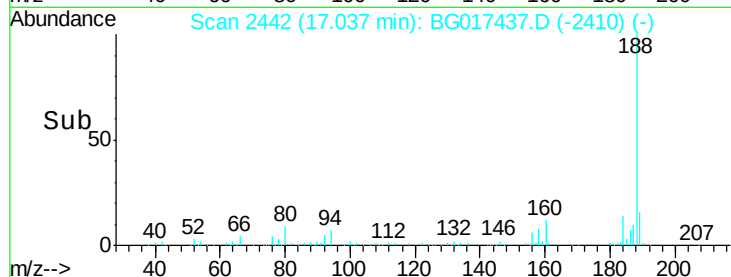
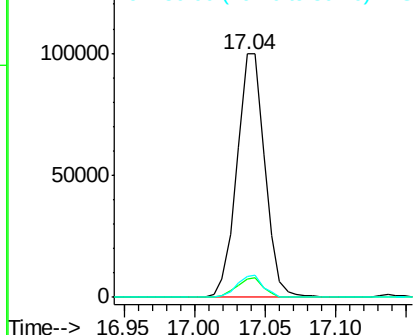
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG017437.D
Acq: 4 Jun 2015 10:19

Instrument :
BNA_G
ClientSampled :
EB-04

Tgt Ion:188 Resp: 138048
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.7 5.2 7.8#

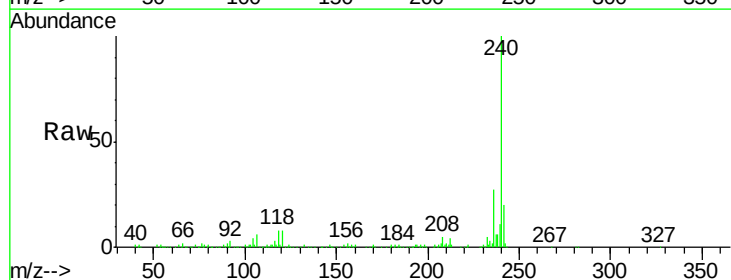


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

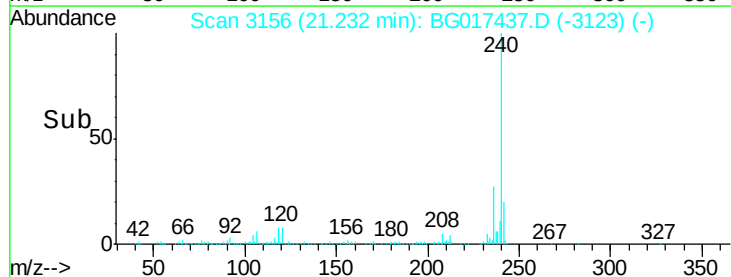
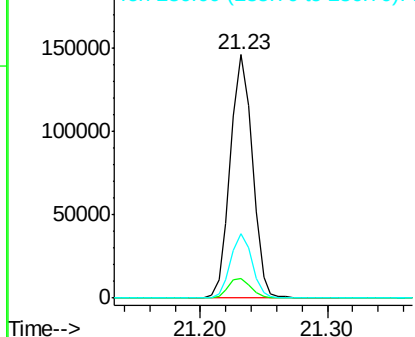


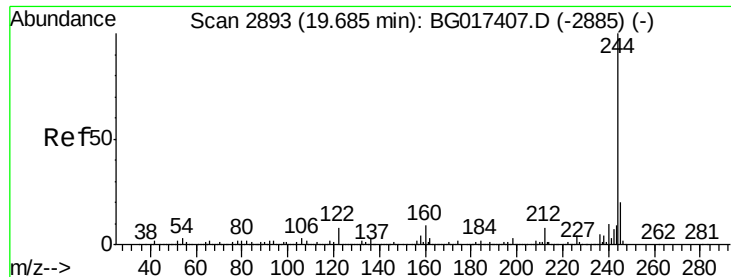
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017437.D
Acq: 4 Jun 2015 10:19

Tgt Ion:240 Resp: 175883
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.6 20.8 31.2



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: 68.31 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG017437.D

Acq: 4 Jun 2015 10:19

Instrument :

BNA_G

ClientSampleId :

EB-04

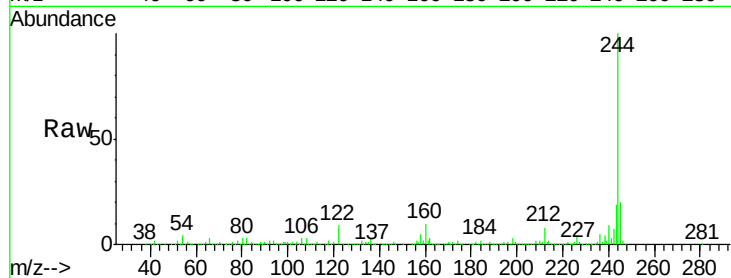
Tgt Ion:244 Resp: 581333

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

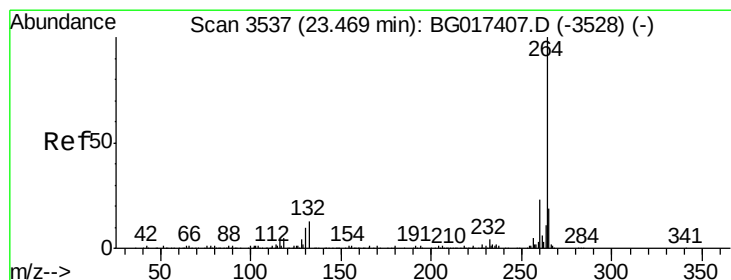
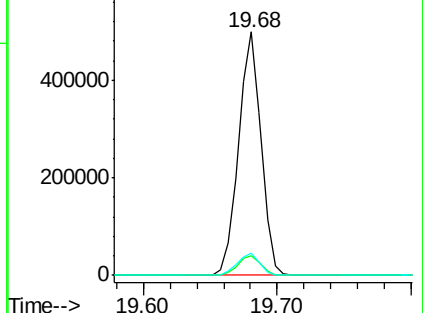
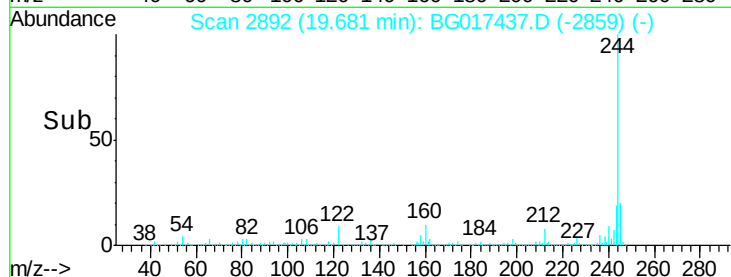
122 9.1 6.6 10.0



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: 23.47 min Scan# 3537

Delta R.T. 0.00 min

Lab File: BG017437.D

Acq: 4 Jun 2015 10:19

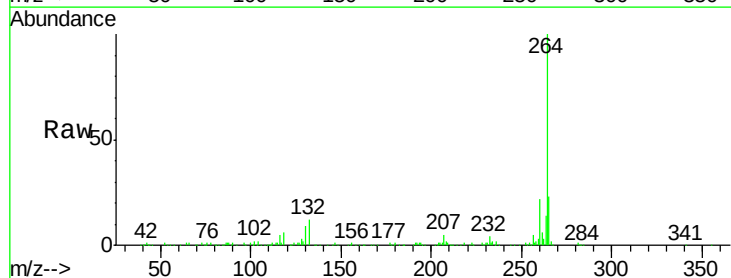
Tgt Ion:264 Resp: 176167

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 22.5 15.8 23.6



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

