

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016981.D
 Acq On : 9 May 2015 7:39
 Operator : TP/IZ
 Sample : G2058-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MPE-9

Quant Time: May 11 01:20:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

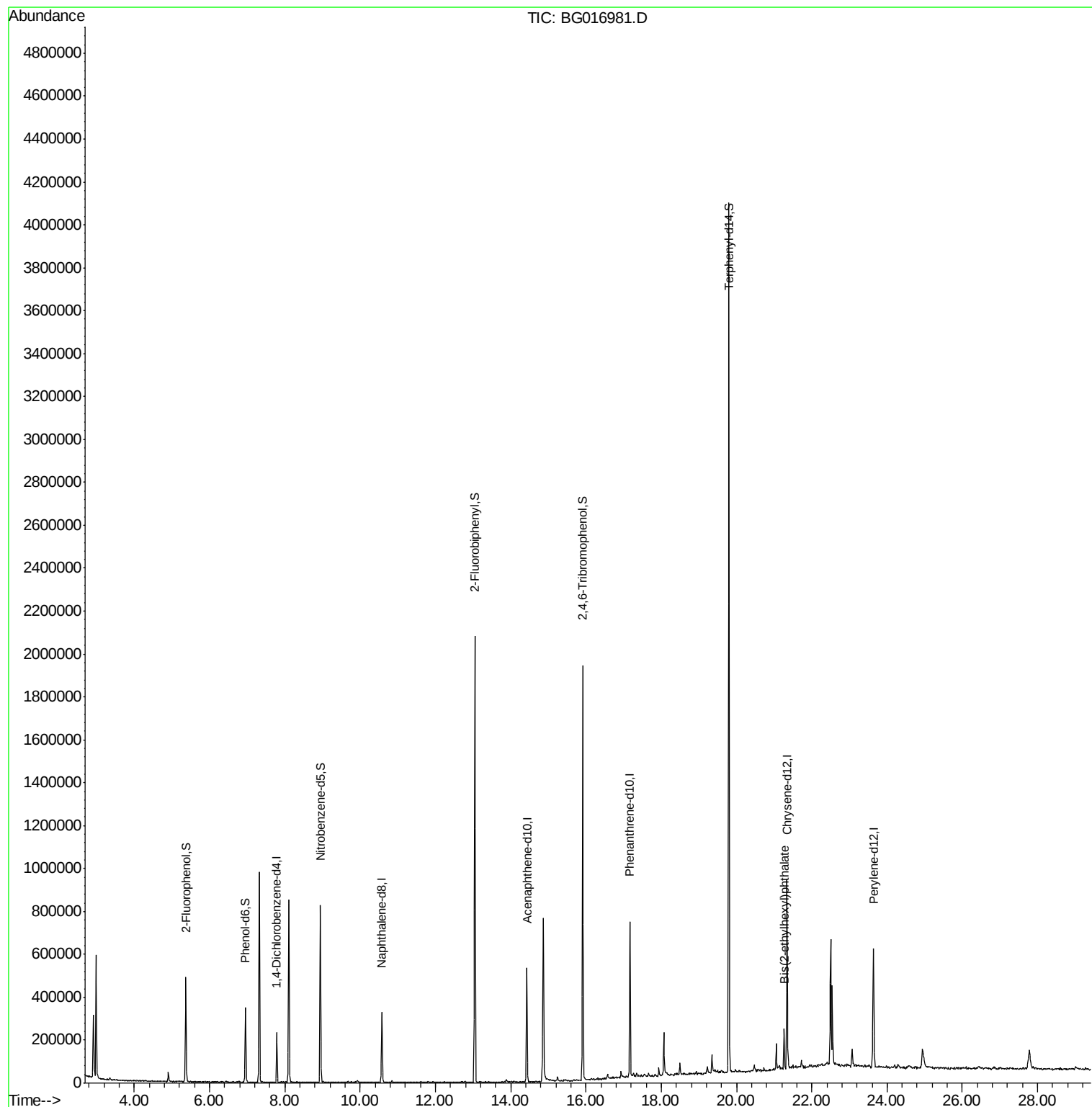
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	50212	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	243203	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	166517	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	393343	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	381354	20.00	ng	-0.02
86) Perylene-d12	23.64	264	380135	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	174112	60.38	ng	-0.01
7) Phenol-d6	6.96	99	158580	38.49	ng	-0.01
23) Nitrobenzene-d5	8.95	82	428990	86.17	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	269193	161.03	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	934578	84.69	ng	-0.02
78) Terphenyl-d14	19.80	244	1545019	94.98	ng	-0.02
Target Compounds						
32) Benzoic acid	9.79	122	74	Below Cal	Qvalue #	1
83) Bis(2-ethylhexyl)phthalate	21.26	149	54603	3.73 ng		97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG016981.D

Acq: 9 May 2015 7:39

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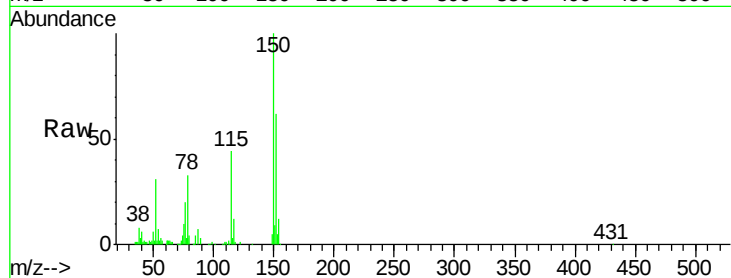
Tgt Ion:152 Resp: 50212

Ion Ratio Lower Upper

152 100

150 160.4 121.0 181.4

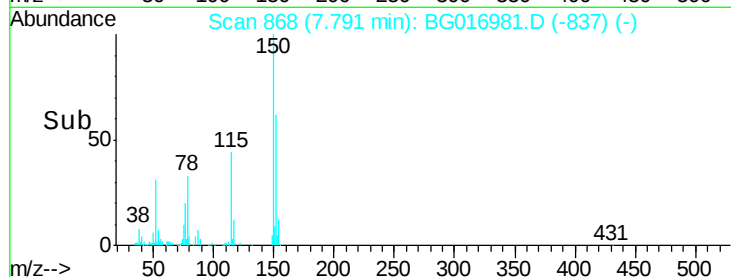
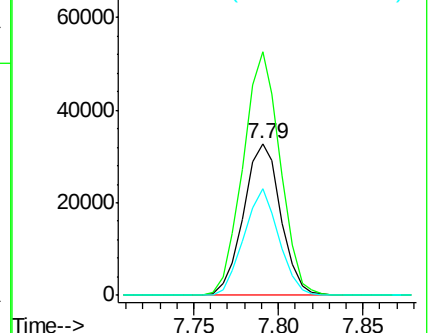
115 70.4 50.5 75.7



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: 60.38 ng

RT: 5.38 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016981.D

Acq: 9 May 2015 7:39

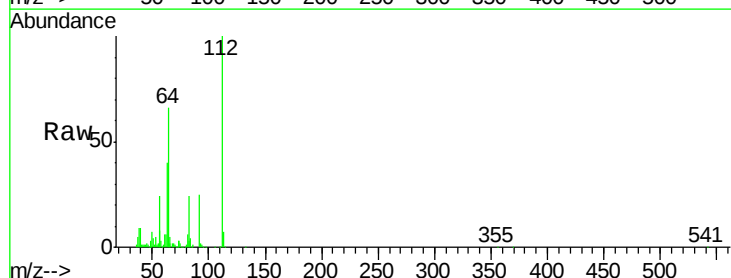
Tgt Ion:112 Resp: 174112

Ion Ratio Lower Upper

112 100

64 66.1 51.4 77.2

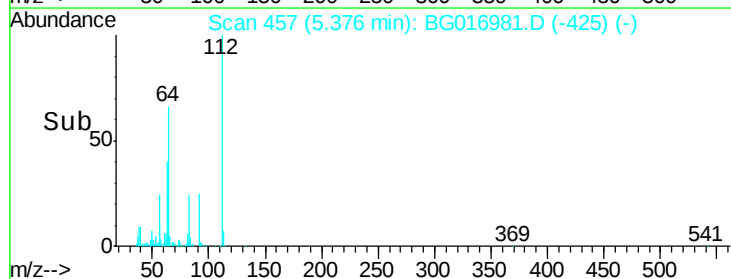
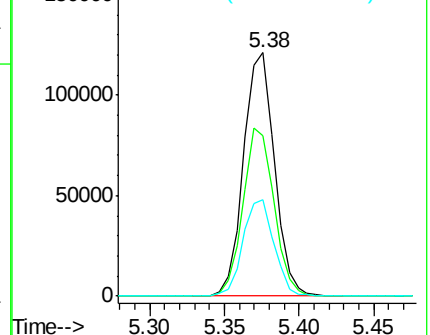
63 39.8 28.1 42.1

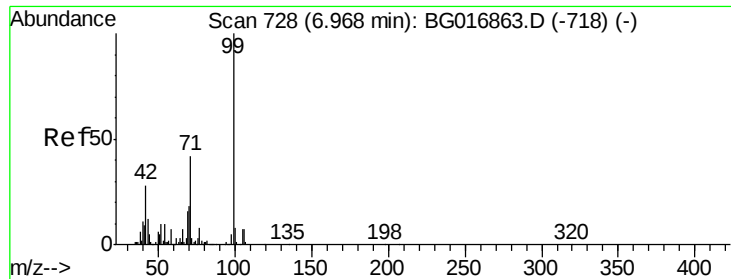


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.49 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG016981.D

Acq: 9 May 2015 7:39

Instrument :

BNA_G

ClientSampleId :

MPE-9

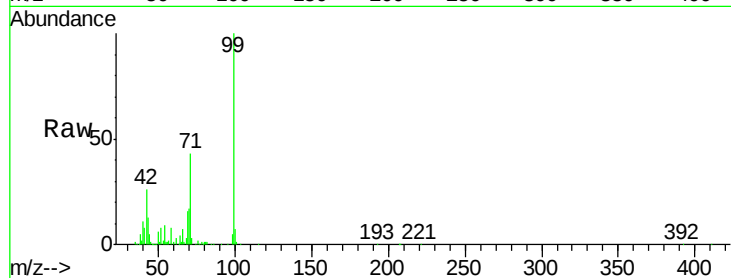
Tgt Ion: 99 Resp: 158580

Ion Ratio Lower Upper

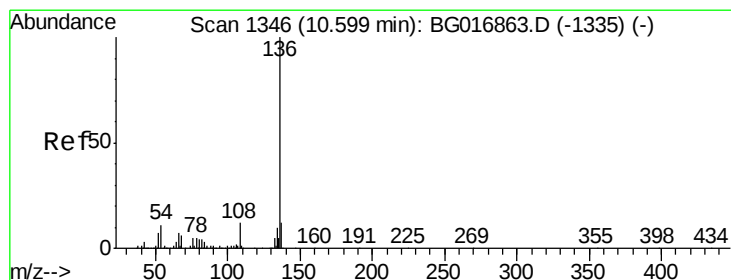
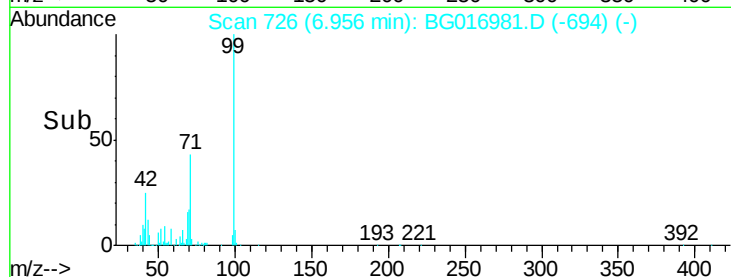
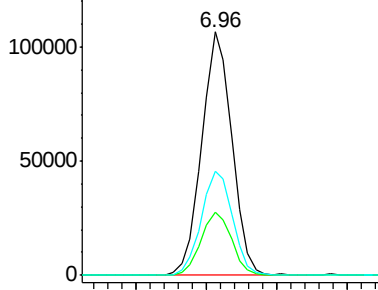
99 100

42 25.8 22.1 33.1

71 42.6 33.4 50.0



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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG016981.D

Acq: 9 May 2015 7:39

Tgt Ion: 136 Resp: 243203

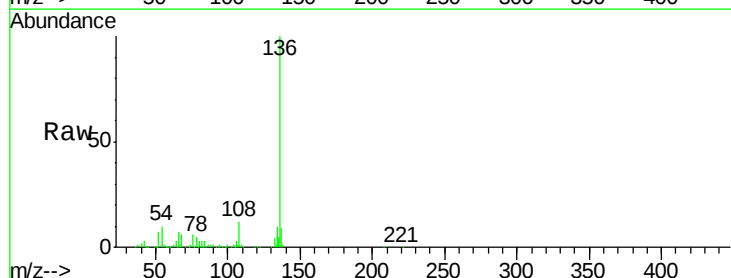
Ion Ratio Lower Upper

136 100

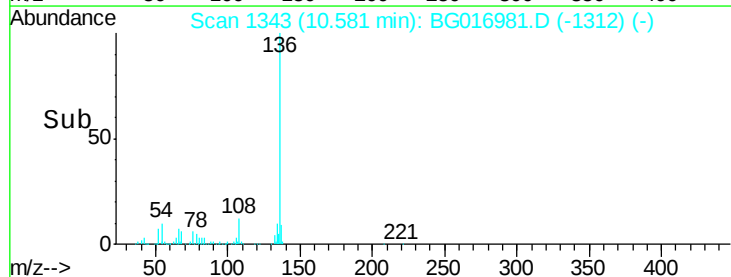
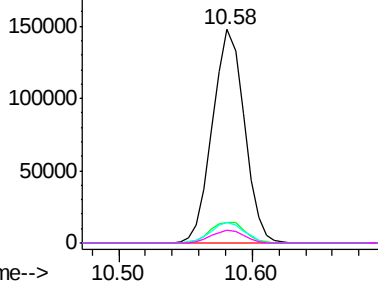
137 9.5 9.8 14.8#

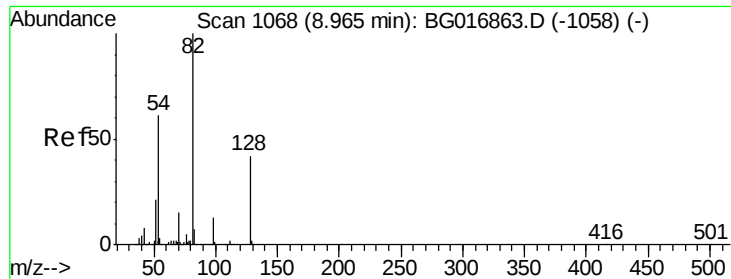
54 9.9 8.7 13.1

68 6.2 5.0 7.4



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

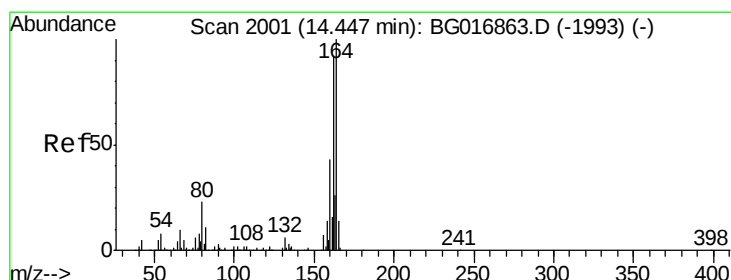
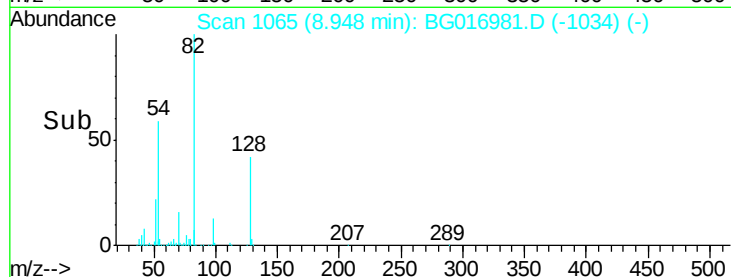
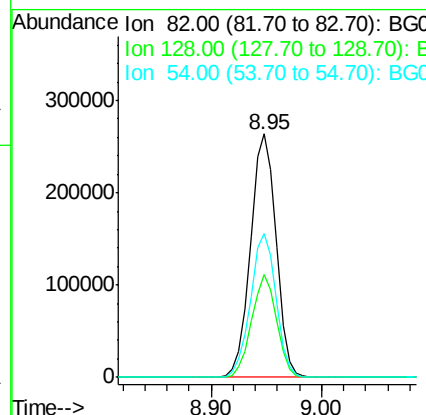
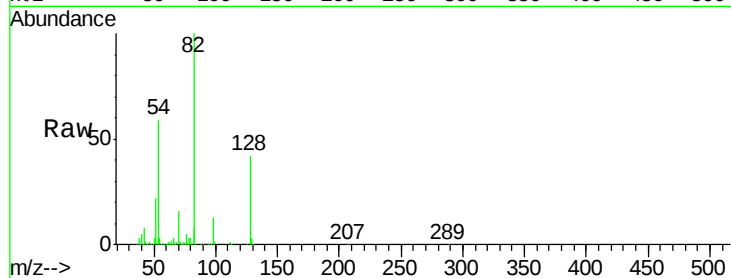




#23
 Nitrobenzene-d5
 Concen: 86.17 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG016981.D
 Acq: 9 May 2015 7:39

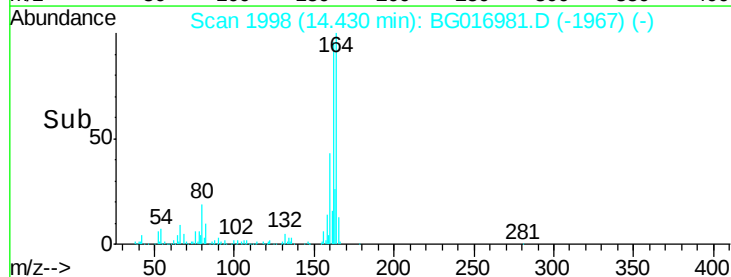
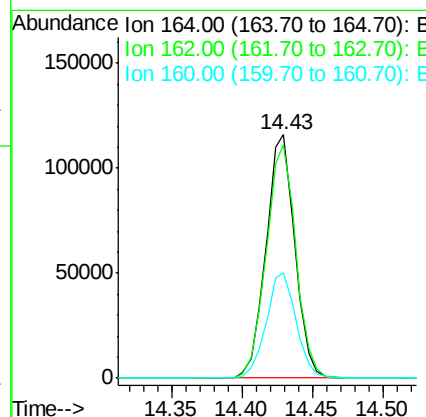
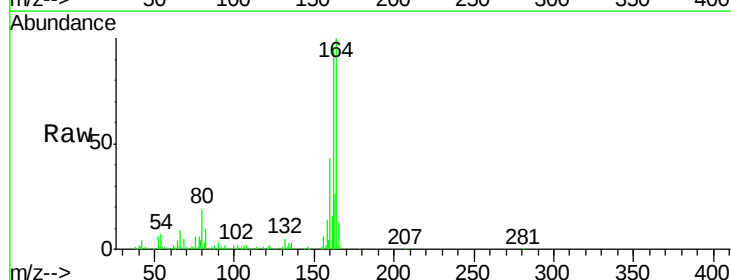
Instrument :
 BNA_G
 ClientSampleId :
 MPE-9

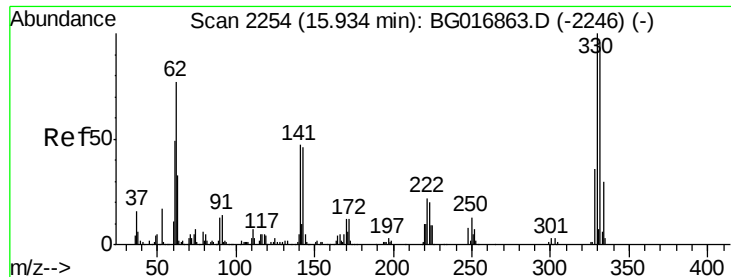
Tgt Ion: 82 Resp: 428990
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.2 49.8
 54 59.2 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016981.D
 Acq: 9 May 2015 7:39

Tgt Ion: 164 Resp: 166517
 Ion Ratio Lower Upper
 164 100
 162 95.7 74.0 111.0
 160 43.5 34.7 52.1

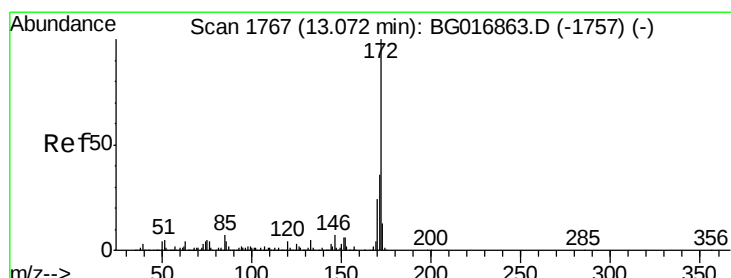
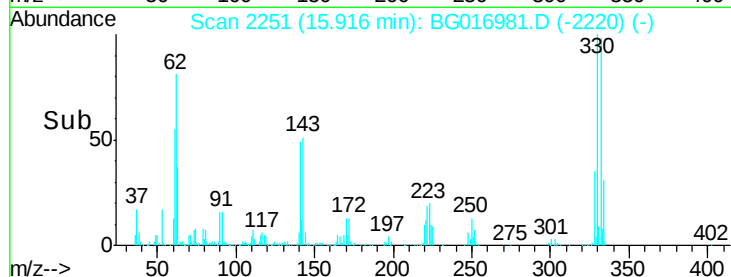
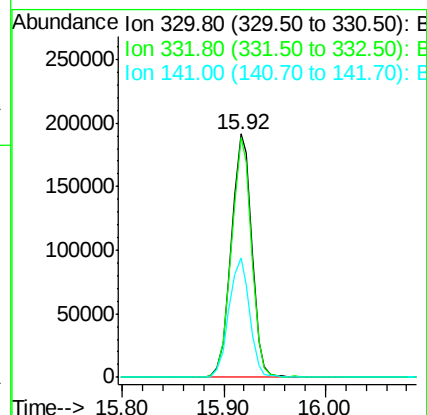
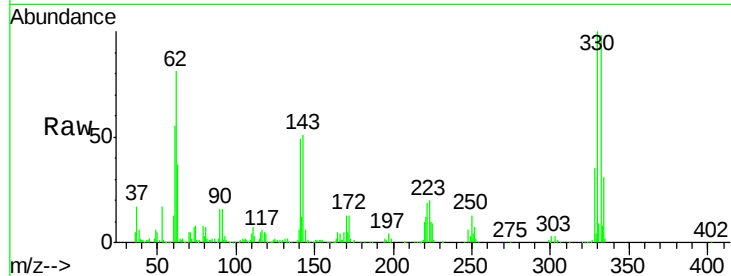




#41
 2,4,6-Tribromophenol
 Concen: 161.03 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG016981.D
 Acq: 9 May 2015 7:39

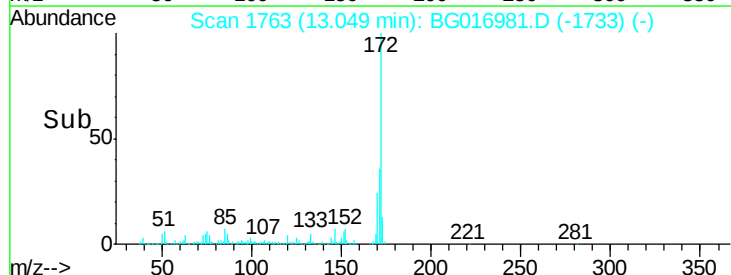
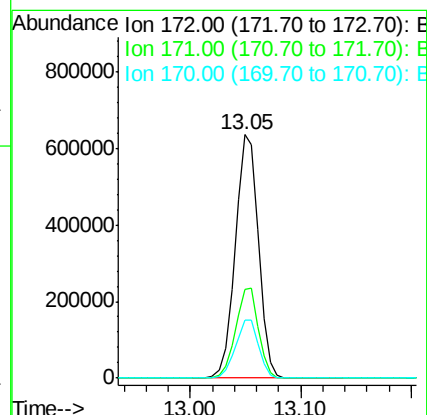
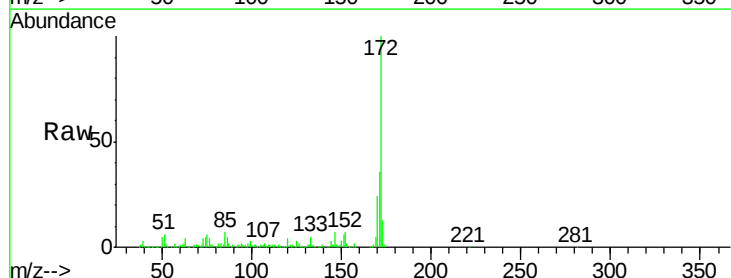
Instrument :
 BNA_G
 ClientSampleId :
 MPE-9

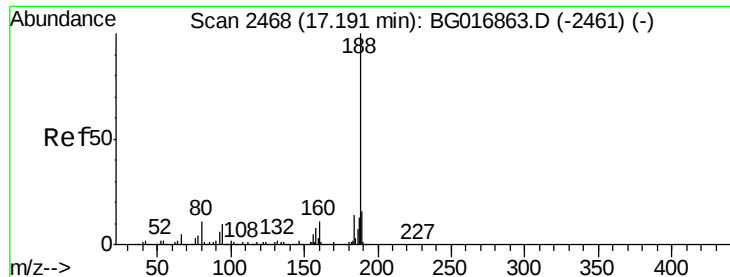
Tgt Ion: 330 Resp: 269193
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 49.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.69 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG016981.D
 Acq: 9 May 2015 7:39

Tgt Ion: 172 Resp: 934578
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.0 19.0 28.4

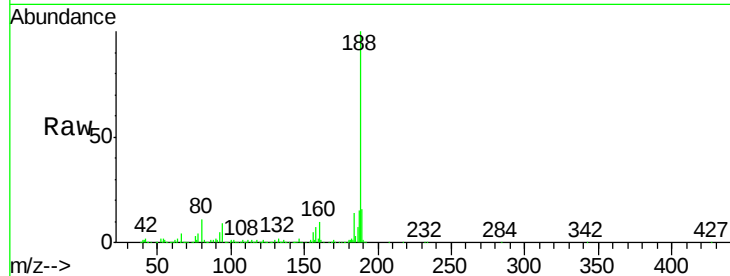




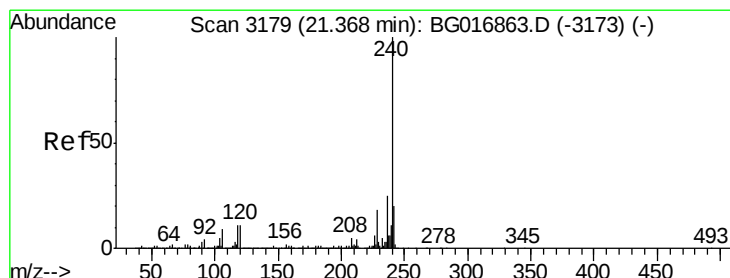
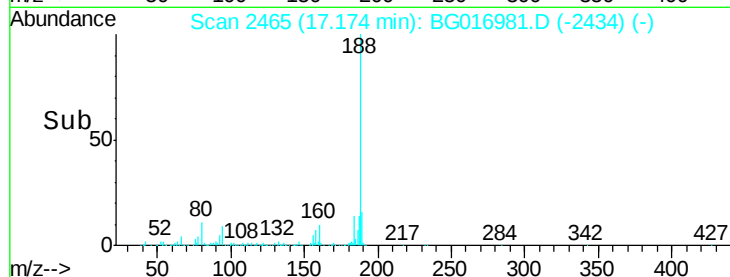
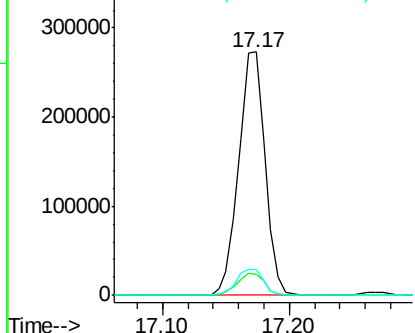
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG016981.D
Acq: 9 May 2015 7:39

Instrument :
BNA_G
ClientSampleId :
MPE-9

Tgt Ion:188 Resp: 393343
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.4
80 10.7 8.8 13.2

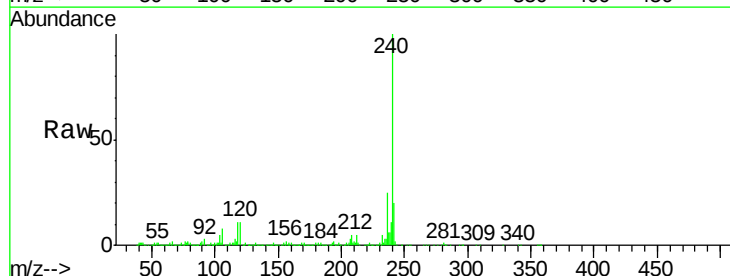


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

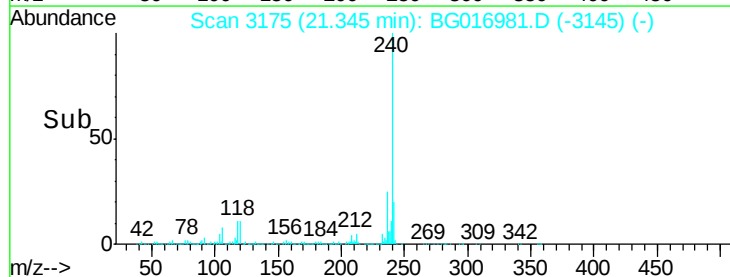
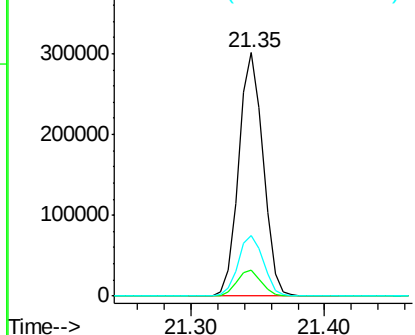


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG016981.D
Acq: 9 May 2015 7:39

Tgt Ion:240 Resp: 381354
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 25.1 20.2 30.4



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: 94.98 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016981.D

Acq: 9 May 2015 7:39

Instrument :

BNA_G

ClientSampleId :

MPE-9

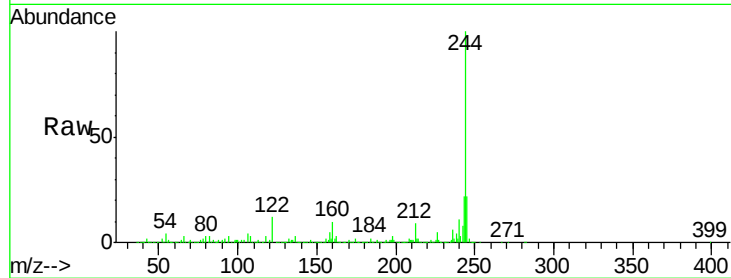
Tgt Ion:244 Resp: 1545019

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

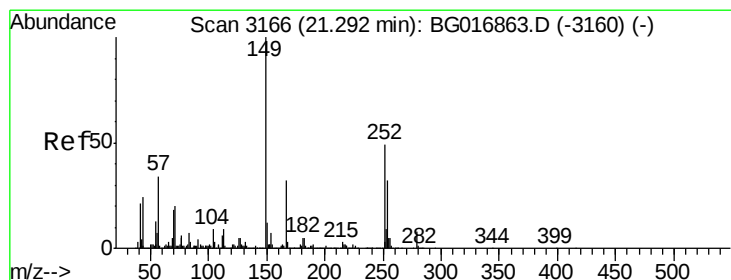
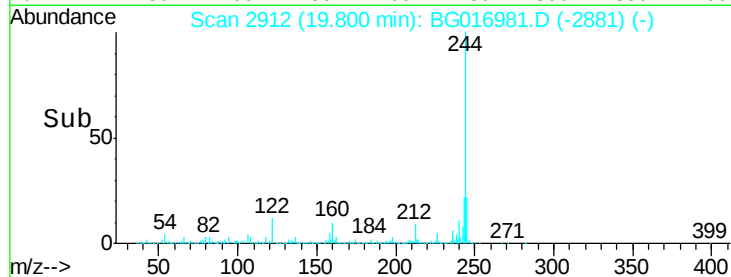
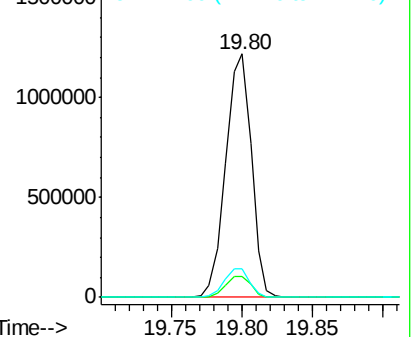
122 11.7 10.4 15.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.73 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG016981.D

Acq: 9 May 2015 7:39

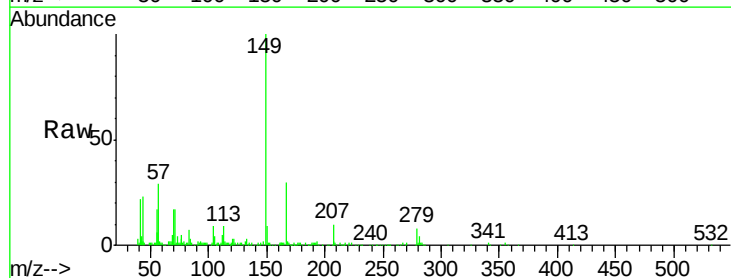
Tgt Ion:149 Resp: 54603

Ion Ratio Lower Upper

149 100

167 29.6 25.4 38.0

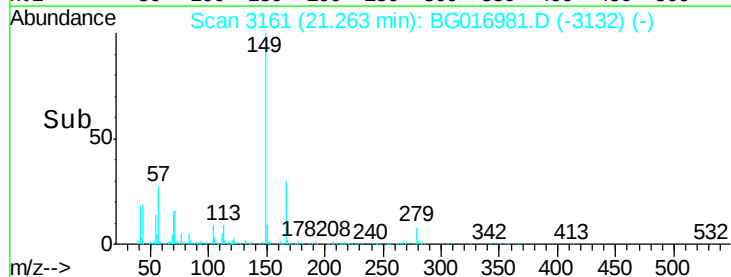
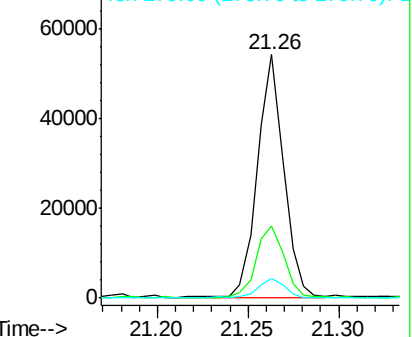
279 8.0 6.4 9.6

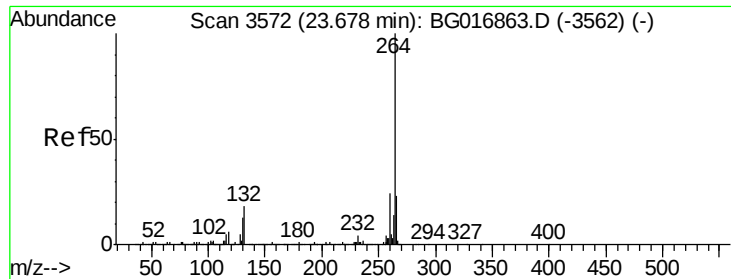


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3565
Delta R.T. -0.04 min
Lab File: BG016981.D
Acq: 9 May 2015 7:39

Instrument :
BNA_G
ClientSampleId :
MPE-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	22.2	18.5	27.7

