

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016948.D
 Acq On : 8 May 2015 7:40
 Operator : TP/IZ
 Sample : G2057-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-042815

Quant Time: May 08 08:51:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 07:19:54 2015
 Response via : Initial Calibration

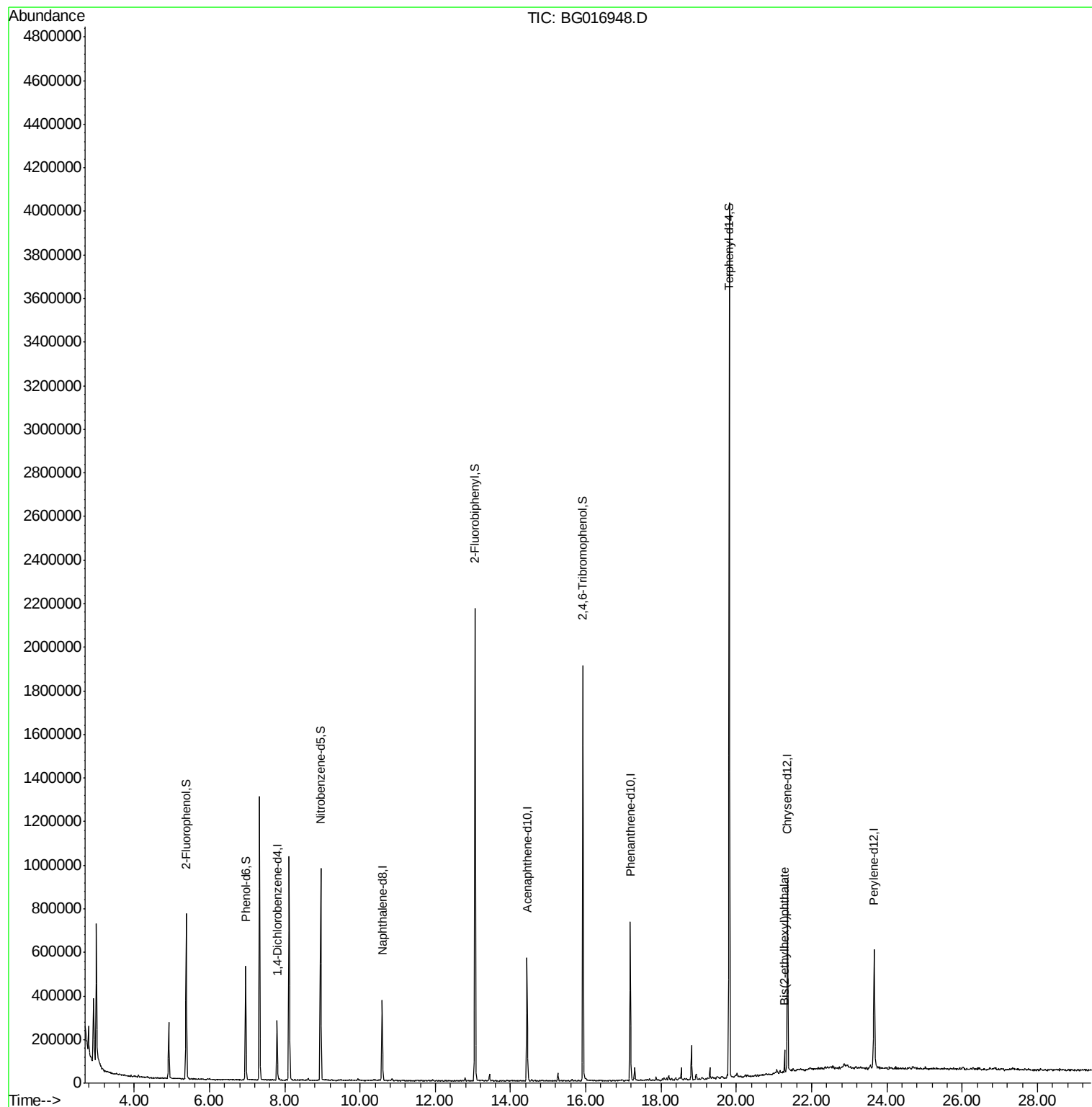
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	61523	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	280801	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	172607	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	378155	20.00	ng	0.00
75) Chrysene-d12	21.36	240	384367	20.00	ng	0.00
86) Perylene-d12	23.66	264	376160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	276206	78.17	ng	0.00
7) Phenol-d6	6.96	99	239473	47.44	ng	0.00
23) Nitrobenzene-d5	8.95	82	519574	90.39	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	264672	152.74	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1023194	89.45	ng	0.00
78) Terphenyl-d14	19.81	244	1533388	93.52	ng	0.00
Target Compounds						
83) Bis(2-ethylhexyl)phthalate	21.28	149	30485	2.07	ng	Qvalue 94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

Instrument :

BNA_G

ClientSampleId :

FB-042815

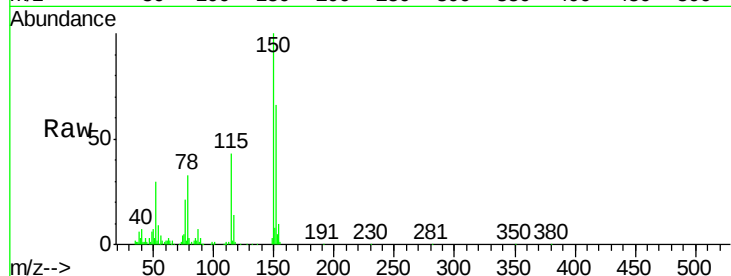
Tot Ion:152 Resp: 61523

Ion Ratio Lower Upper

152 100

150 152.6 121.0 181.4

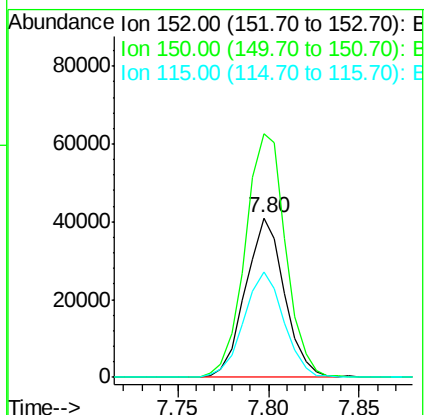
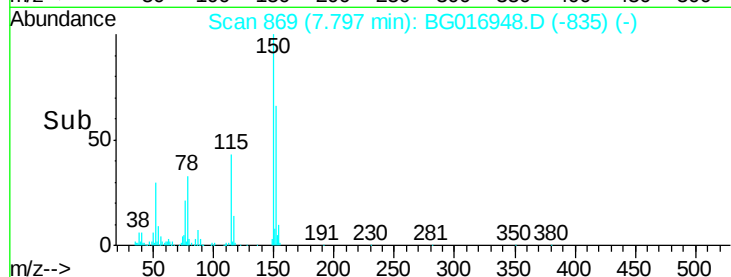
115 65.7 50.5 75.7



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: 78.17 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

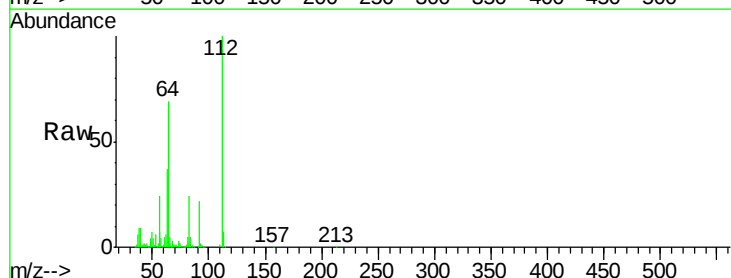
Tgt Ion:112 Resp: 276206

Ion Ratio Lower Upper

112 100

64 69.1 51.4 77.2

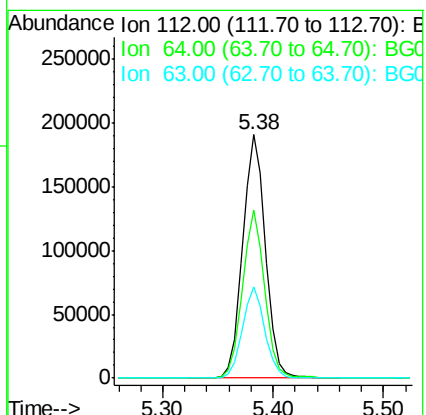
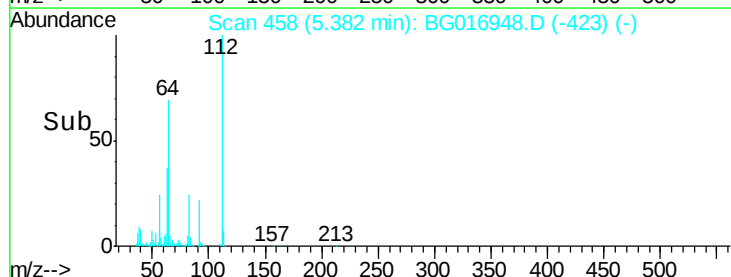
63 37.5 28.1 42.1

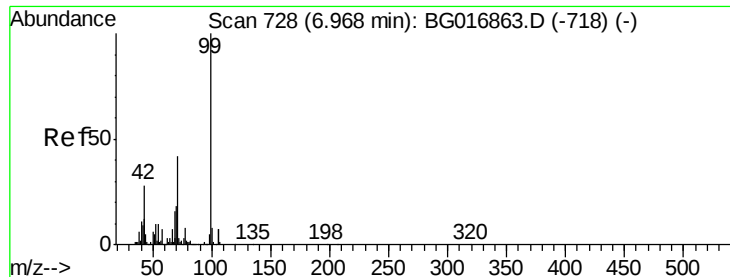


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.44 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

Instrument :

BNA_G

ClientSampleId :

FB-042815

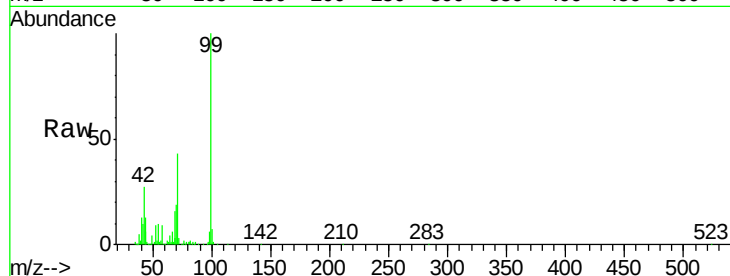
Tot Ion: 99 Resp: 239473

Ion Ratio Lower Upper

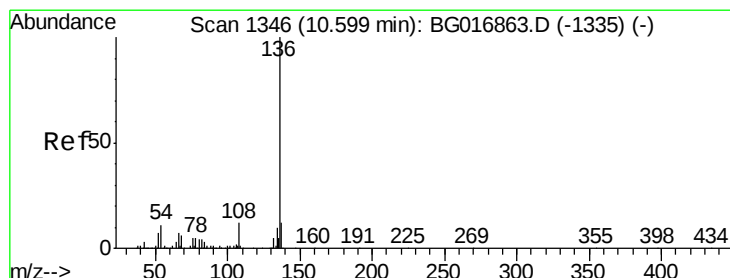
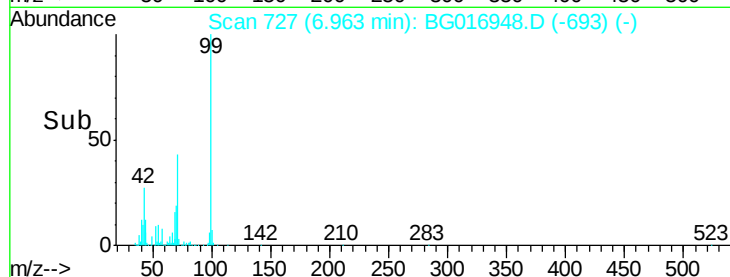
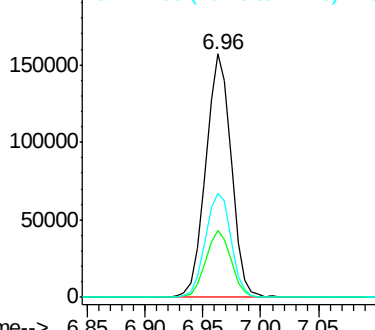
99 100

42 27.4 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: 10.59 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

Tgt Ion: 136 Resp: 280801

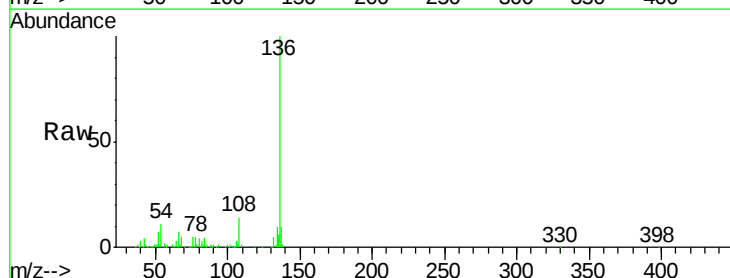
Ion Ratio Lower Upper

136 100

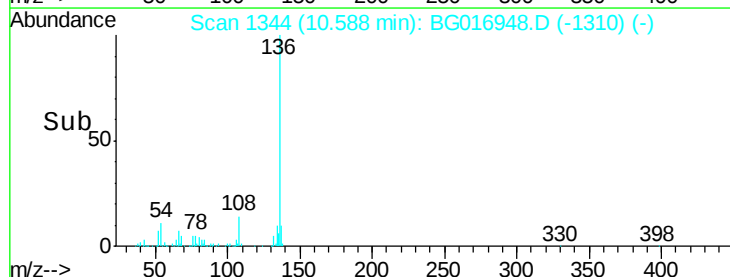
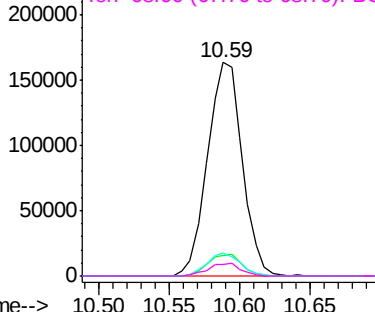
137 9.8 9.8 14.8#

54 10.6 8.7 13.1

68 5.4 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

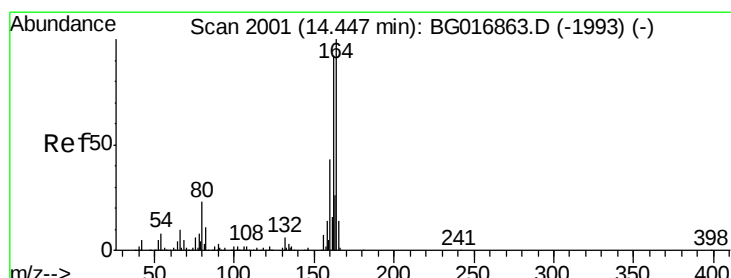
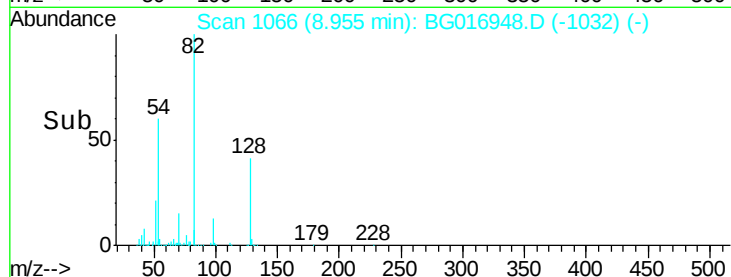
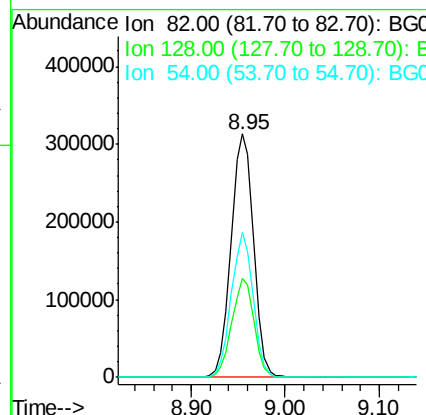
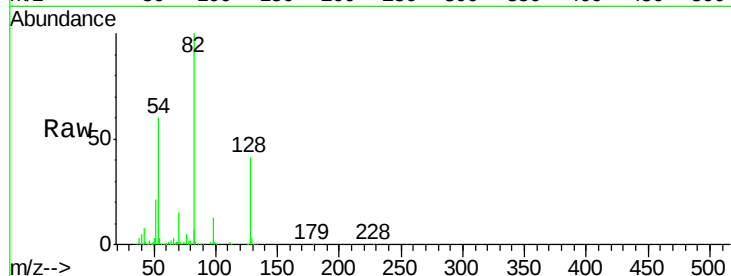




#23
 Nitrobenzene-d5
 Concen: 90.39 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BG016948.D
 Acq: 8 May 2015 7:40

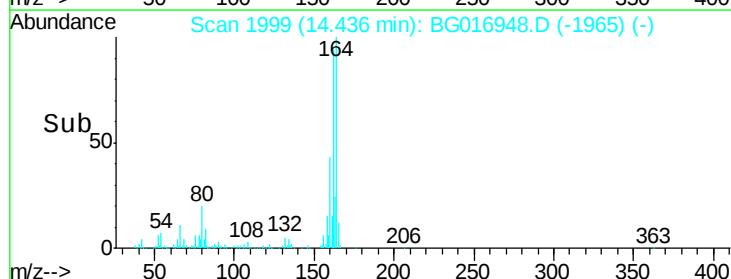
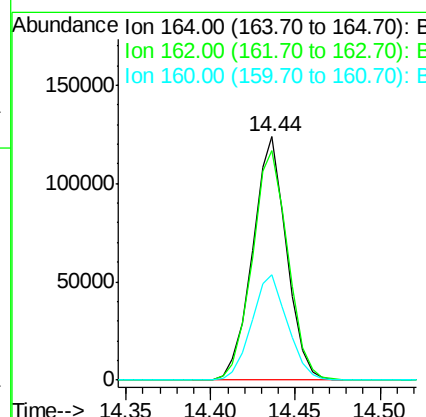
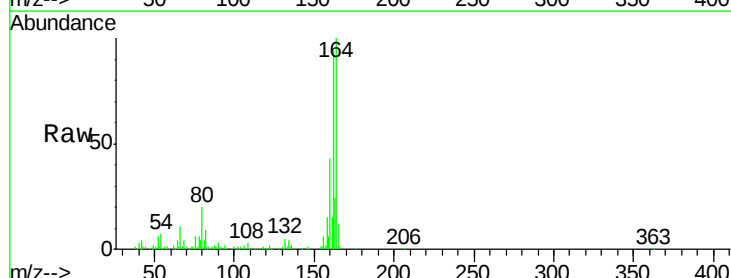
Instrument :
 BNA_G
 ClientSampleId :
 FB-042815

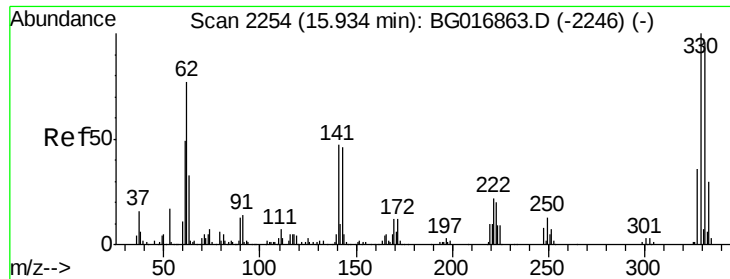
Tot Ion	82	Resp	519574
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.2	49.8
54	59.7	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BG016948.D
 Acq: 8 May 2015 7:40

Tgt Ion	164	Resp	172607
Ion Ratio	Lower	Upper	
164	100		
162	94.4	74.0	111.0
160	43.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 152.74 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

Instrument :

BNA_G

ClientSampleId :

FB-042815

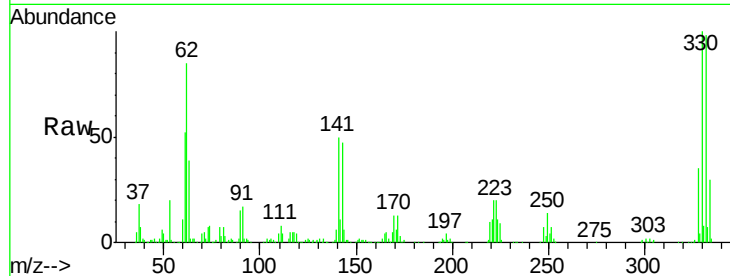
Tot Ion:330 Resp: 264672

Ion Ratio Lower Upper

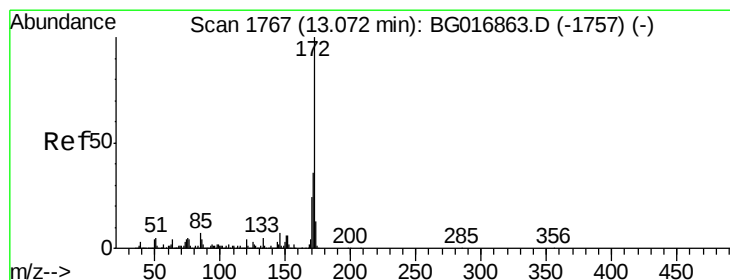
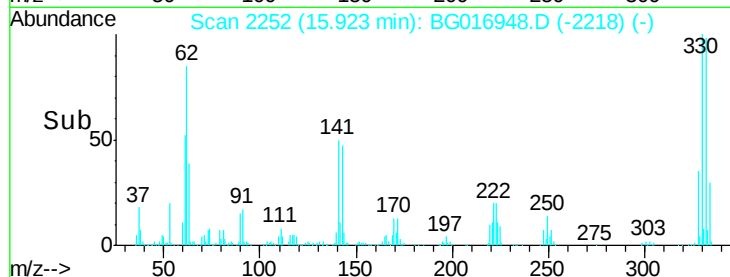
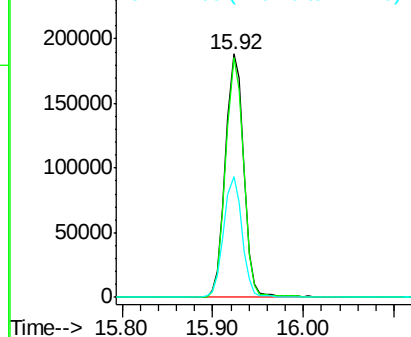
330 100

332 96.3 0.0 0.0#

141 49.5 0.0 0.0#



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: 89.45 ng

RT: 13.06 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

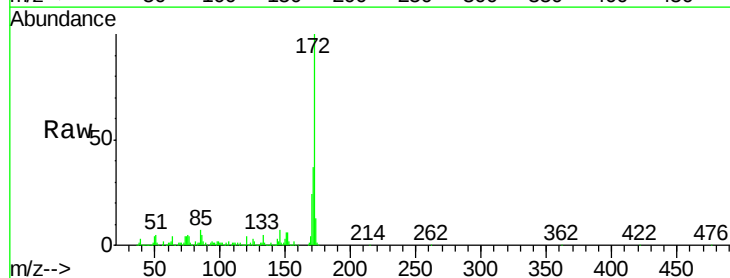
Tgt Ion:172 Resp: 1023194

Ion Ratio Lower Upper

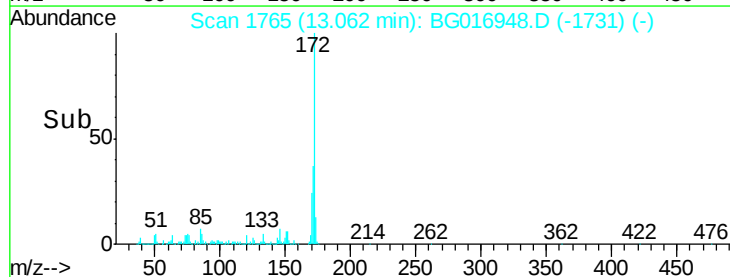
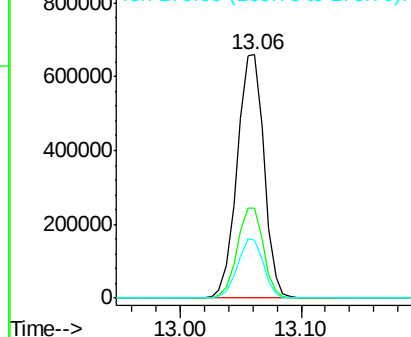
172 100

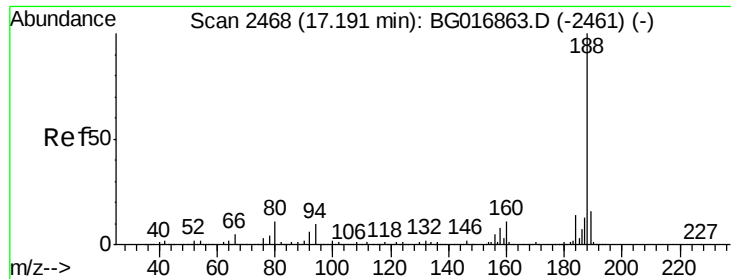
171 36.9 29.0 43.4

170 23.9 19.0 28.4



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: 17.18 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

Instrument :

BNA_G

ClientSampleId :

FB-042815

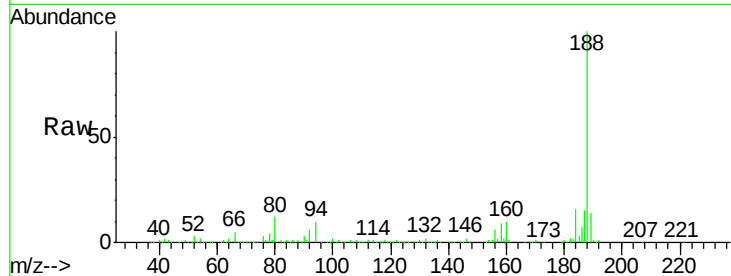
Tot Ion:188 Resp: 378155

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

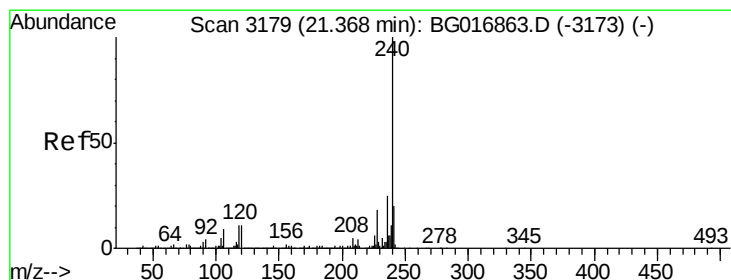
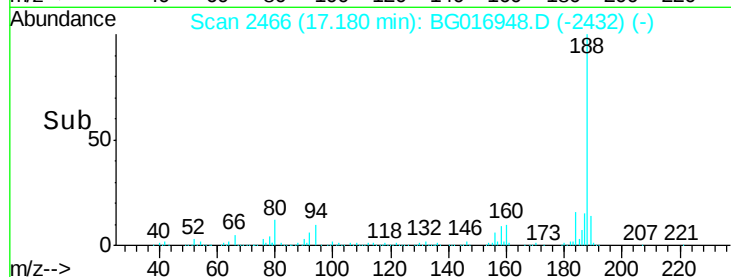
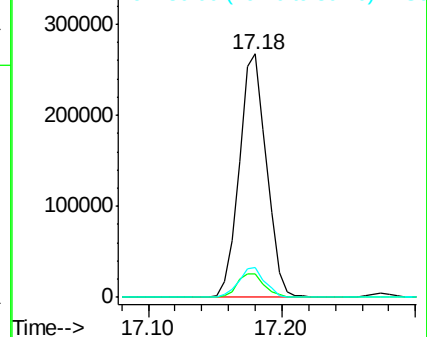
80 12.2 8.8 13.2



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: 21.36 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

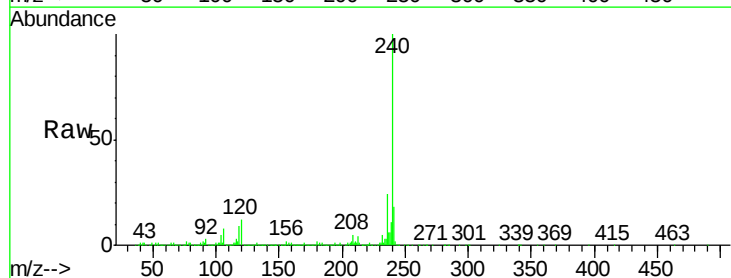
Tgt Ion:240 Resp: 384367

Ion Ratio Lower Upper

240 100

120 11.7 9.1 13.7

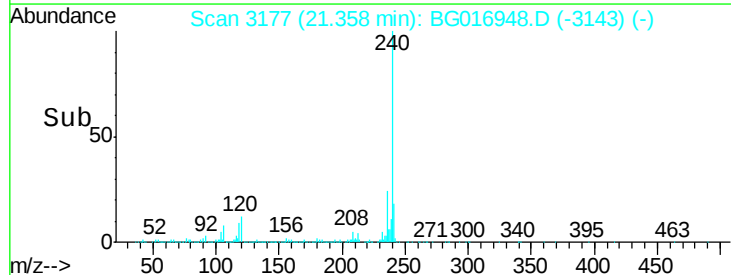
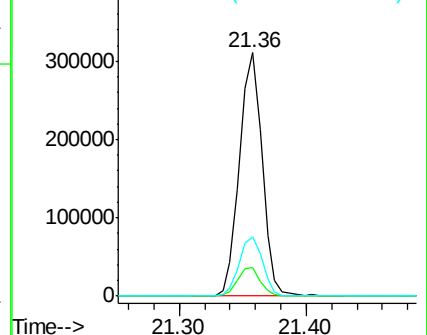
236 24.3 20.2 30.4

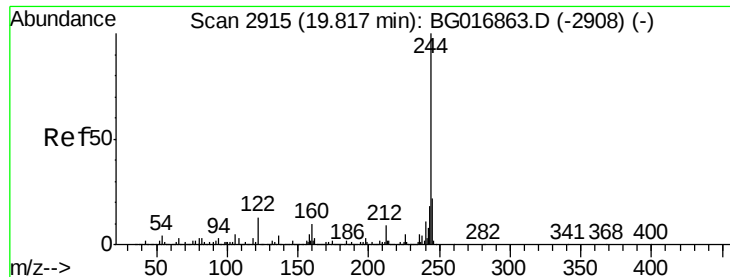


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.52 ng

RT: 19.81 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

Instrument :

BNA_G

ClientSampleId :

FB-042815

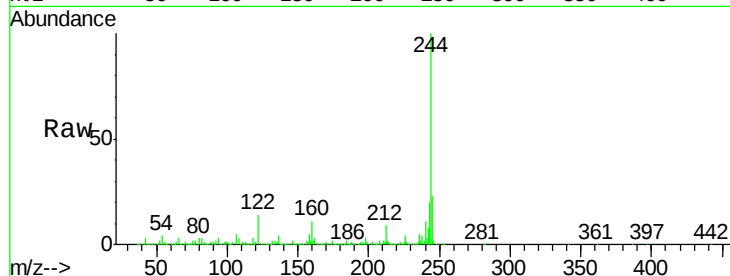
Tot Ion:244 Resp: 1533388

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	13.5	10.4	15.6

244 100

212 9.0 7.0 10.6

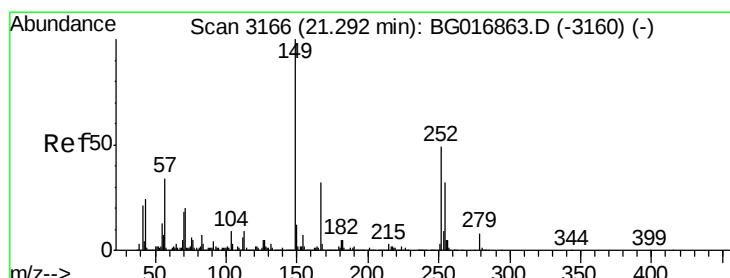
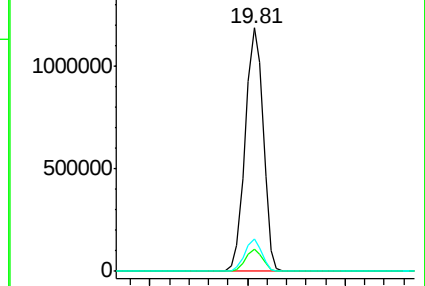
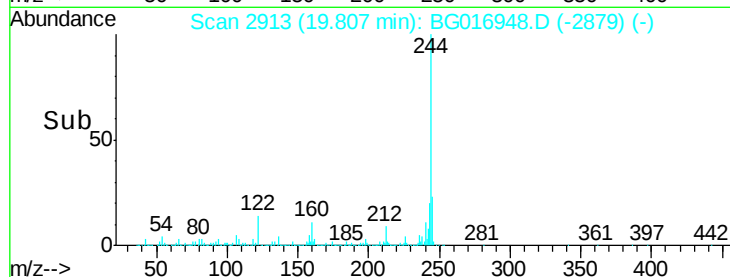
122 13.5 10.4 15.6



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: 2.07 ng

RT: 21.28 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

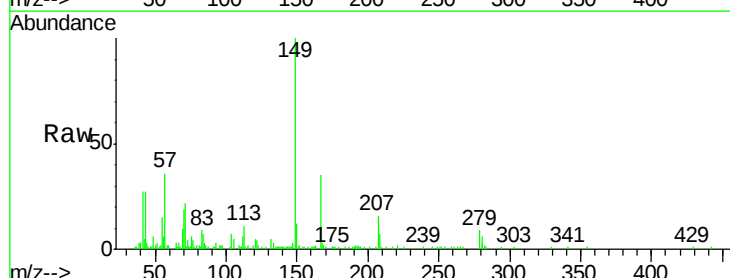
Tgt Ion:149 Resp: 30485

Ion	Ratio	Lower	Upper
149	100		
167	35.4	25.4	38.0
279	9.5	6.4	9.6

149 100

167 35.4 25.4 38.0

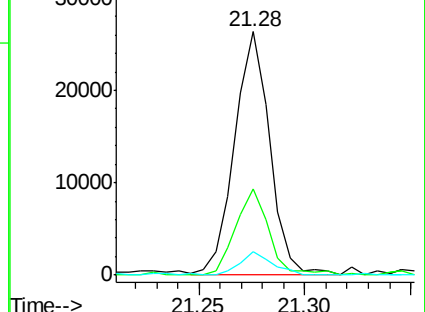
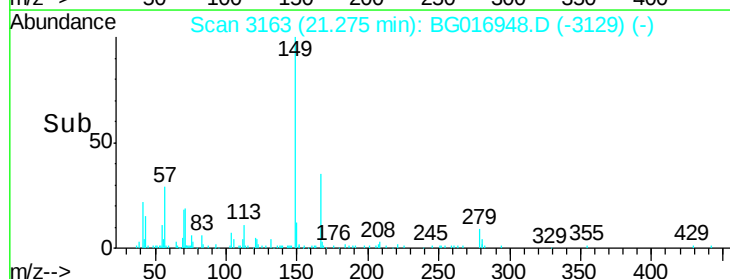
279 9.5 6.4 9.6

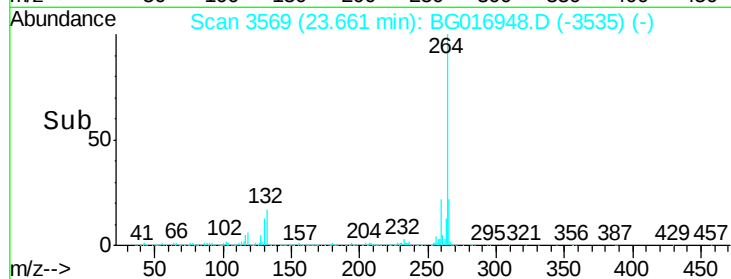
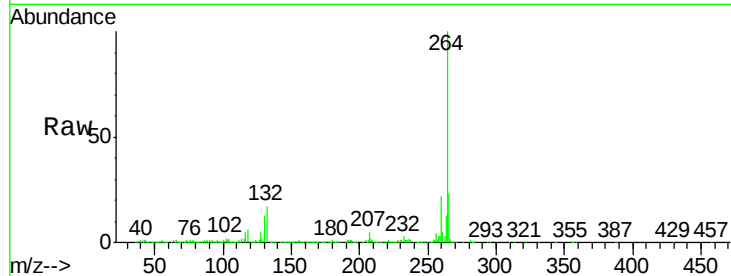
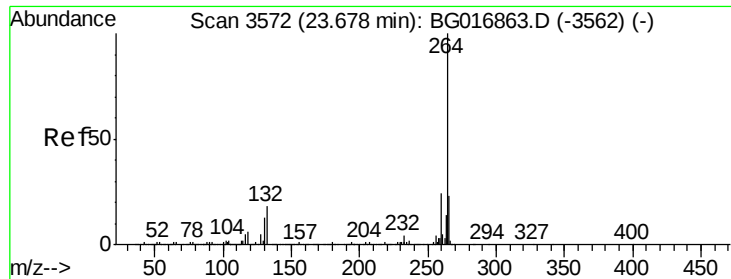


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.66 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

Instrument :

BNA_G

ClientSampleId :

FB-042815

Tot Ion:264 Resp: 376160

Ion Ratio Lower Upper

264 100

260 22.1 19.5 29.3

265 22.5 18.5 27.7

