

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 08:36:45 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

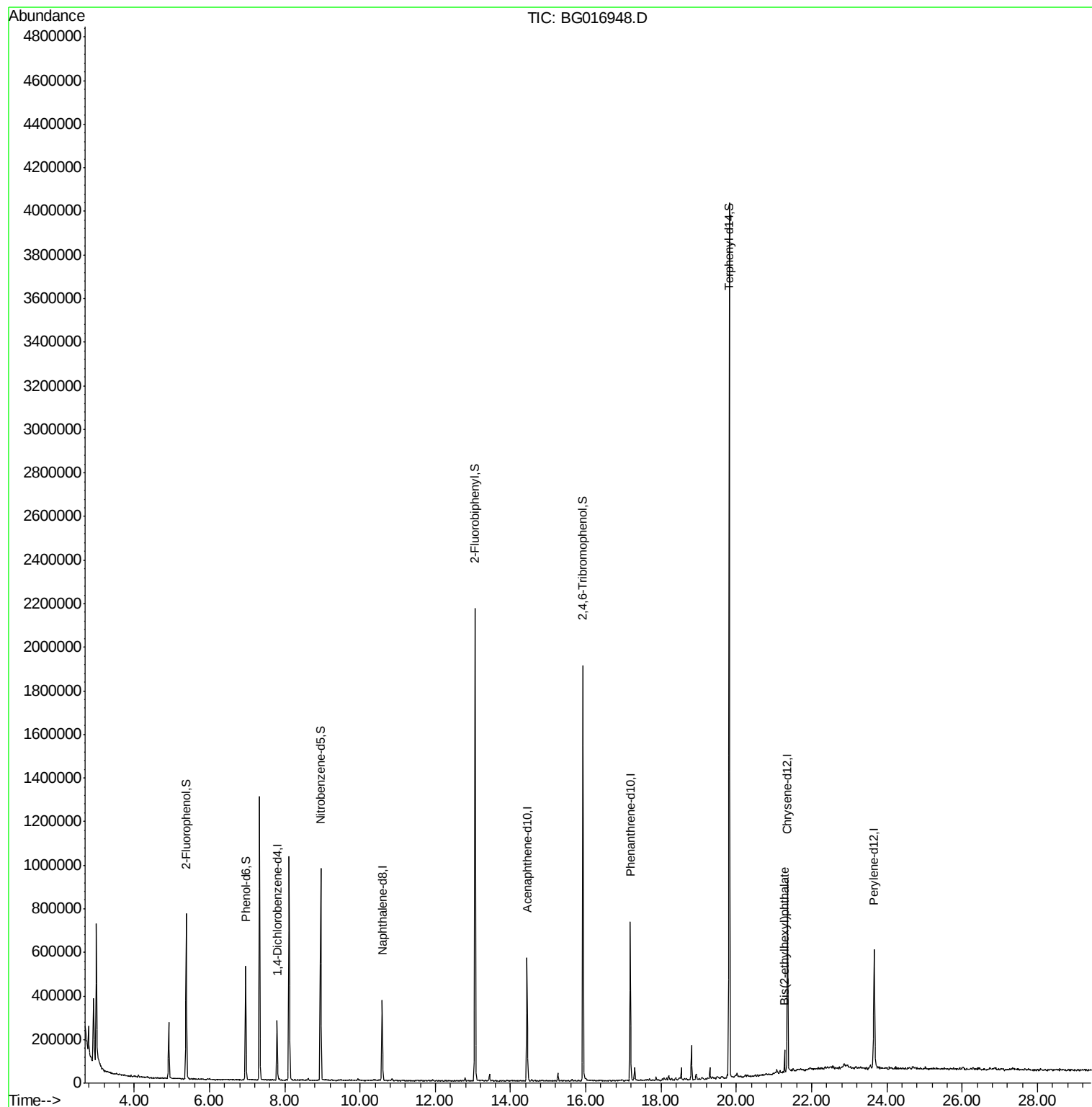
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	61523	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	280801	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	172607	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	378155	20.00	ng	0.00
75) Chrysene-d12	21.36	240	384367	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						
32) Benzoic acid	9.77	122	54	Below Cal	Qvalue #	1
83) Bis(2-ethylhexyl)phthalate	21.28	149	30485	2.07 ng		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

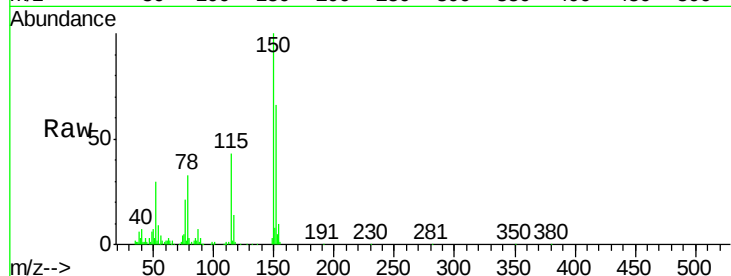
Tgt Ion:152 Resp: 61523

Ion Ratio Lower Upper

152 100

150 152.6 121.0 181.4

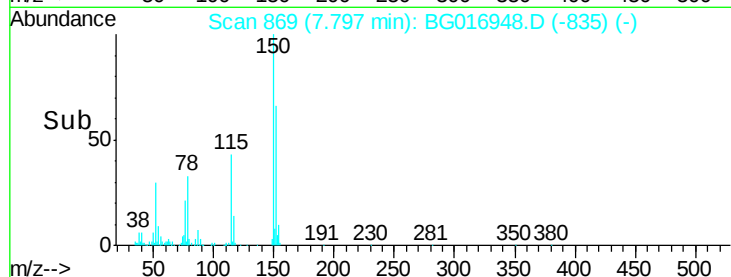
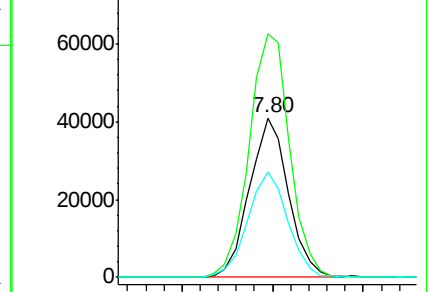
115 65.7 50.5 75.7



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

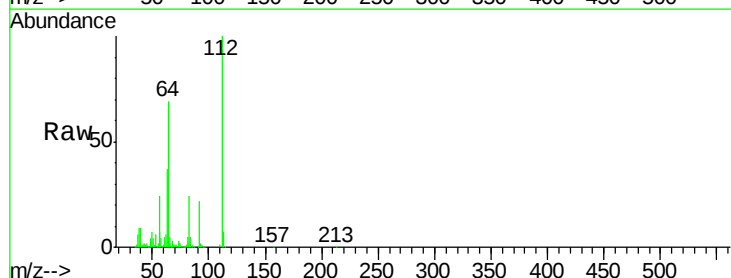
Tgt Ion:112 Resp: 276206

Ion Ratio Lower Upper

112 100

64 69.1 51.4 77.2

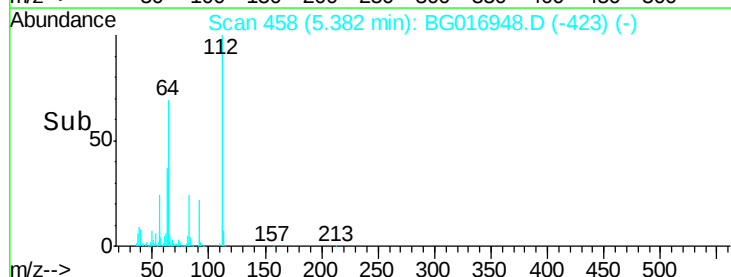
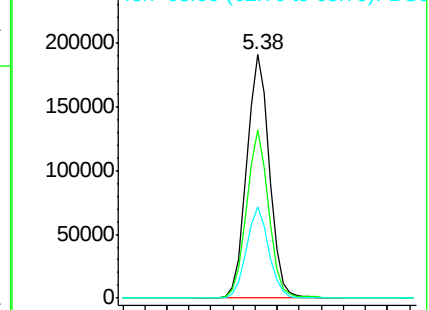
63 37.5 28.1 42.1

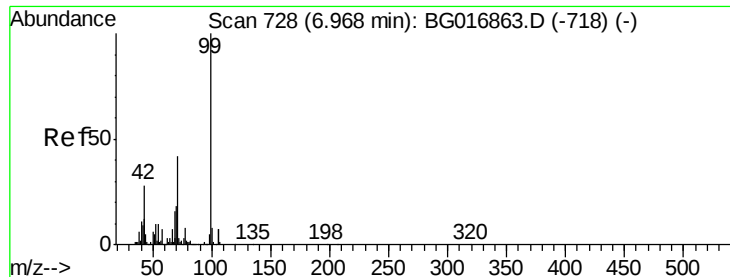


Abundance Ion 112.00 (111.70 to 112.70): E

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

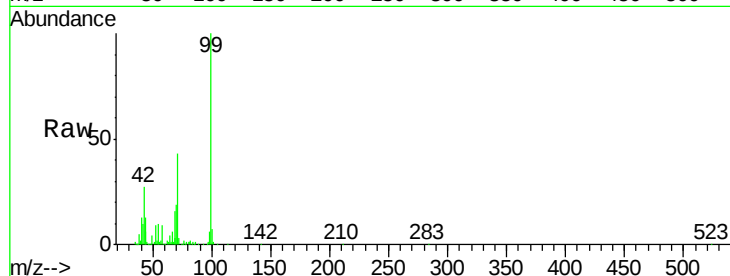
Tgt Ion: 99 Resp: 239473

Ion Ratio Lower Upper

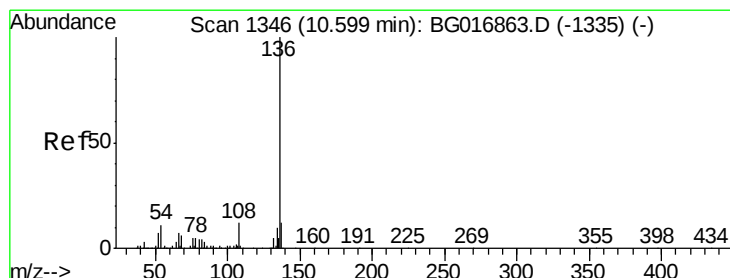
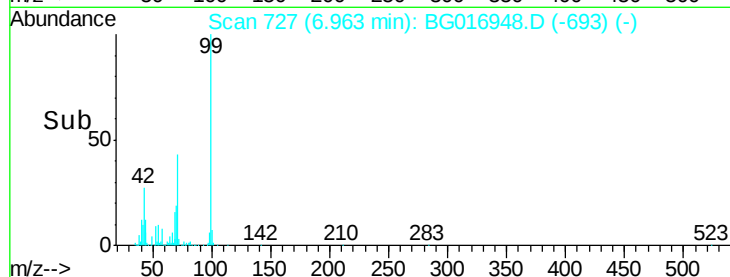
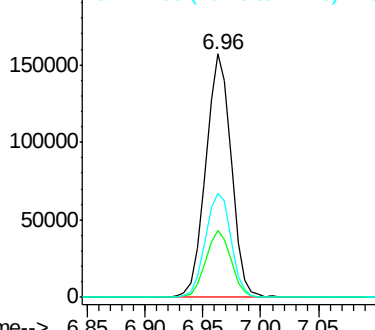
99 100

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

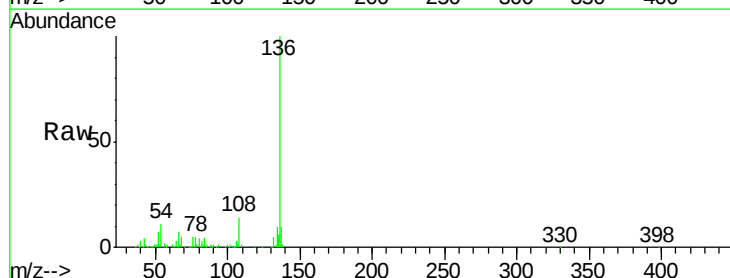
Ion Ratio Lower Upper

136 100

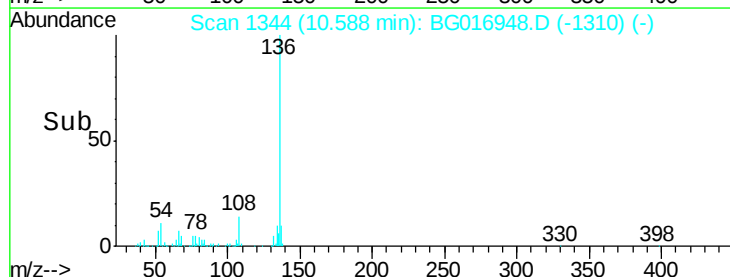
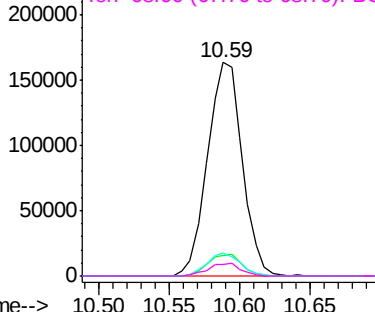
137 9.8 9.8 14.8#

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

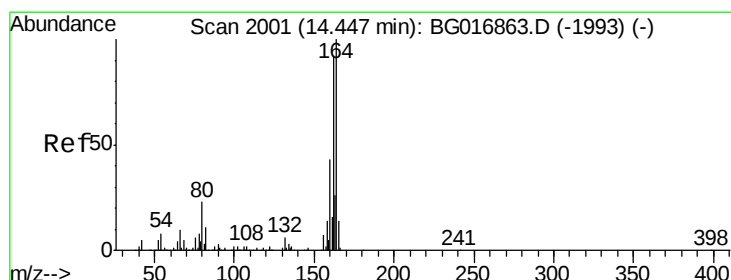
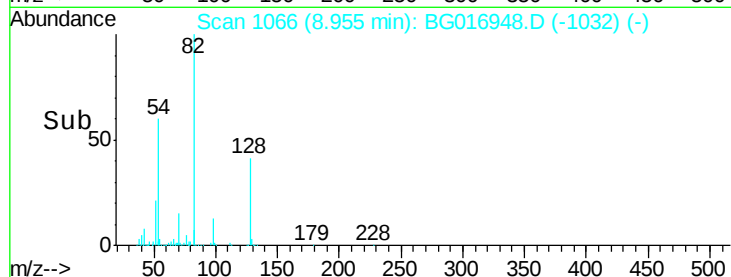
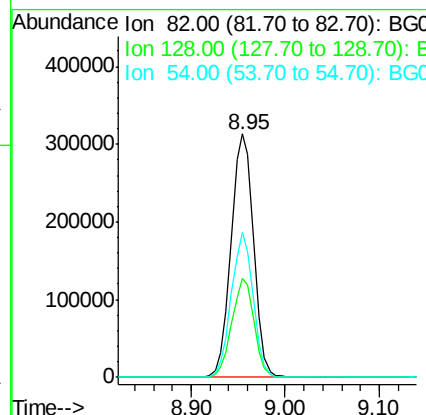
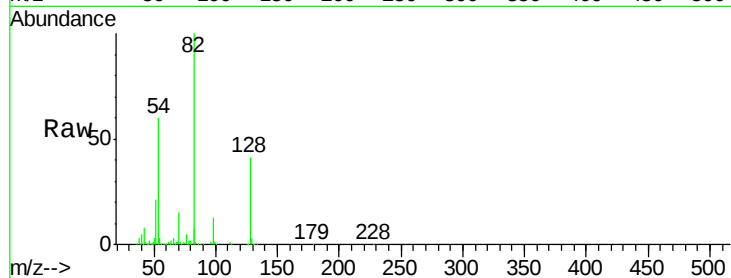




#23
 Nitrobenzene-d5
 Concen: 90.39 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BG016948.D
 Acq: 8 May 2015 7:40

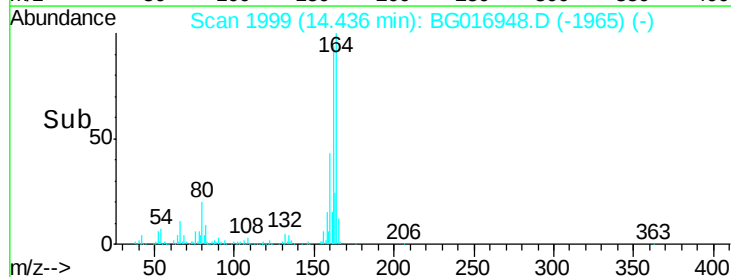
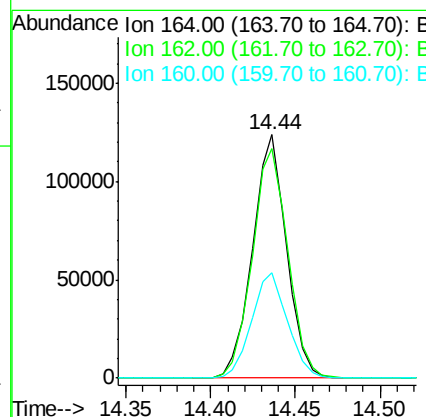
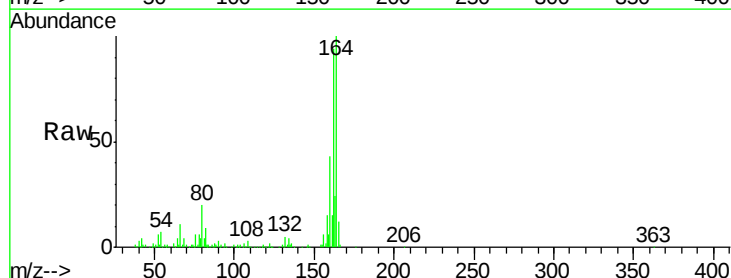
Instrument :
 BNA_G
 ClientSampleId :
 FB-042815

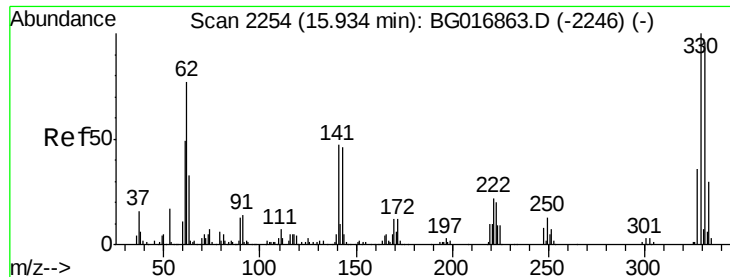
Tgt Ion: 82 Resp: 519574
 Ion Ratio Lower Upper
 82 100
 128 40.5 33.2 49.8
 54 59.7 48.6 72.8



#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

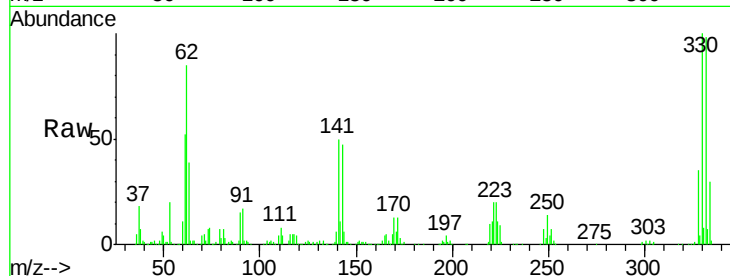
Tgt Ion:330 Resp: 264672

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

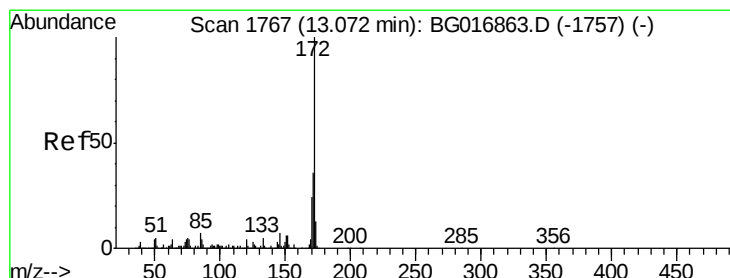
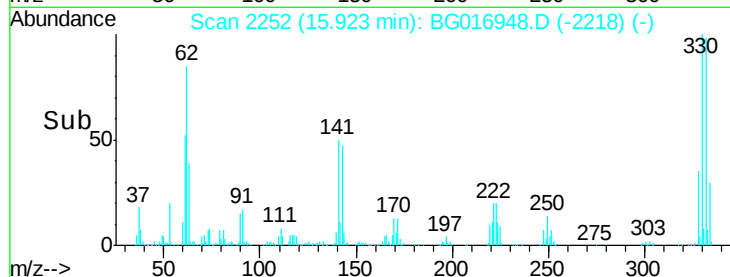
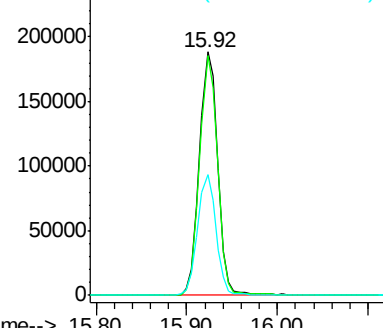
141 49.5 0.0 0.0#



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

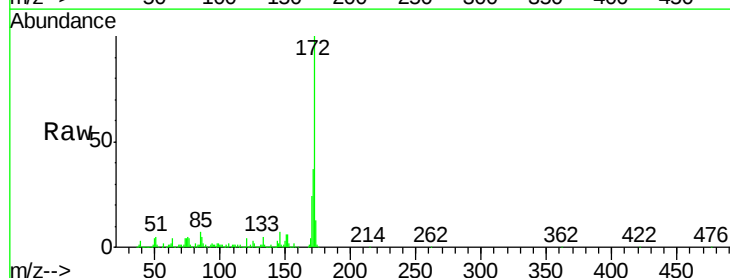
Tgt Ion:172 Resp: 1023194

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

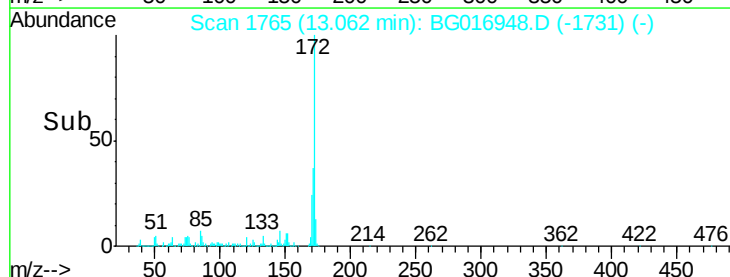
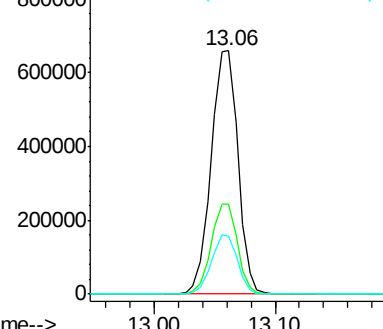
170 23.9 19.0 28.4

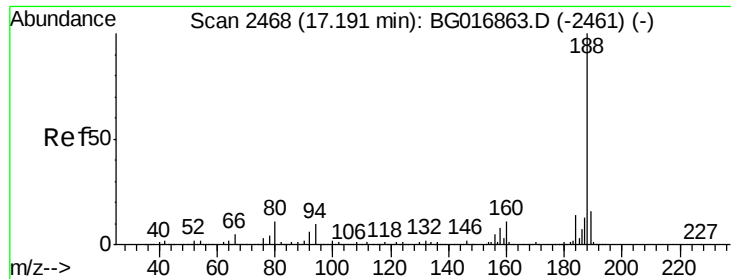


Abundance Ion 172.00 (171.70 to 172.70): E

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

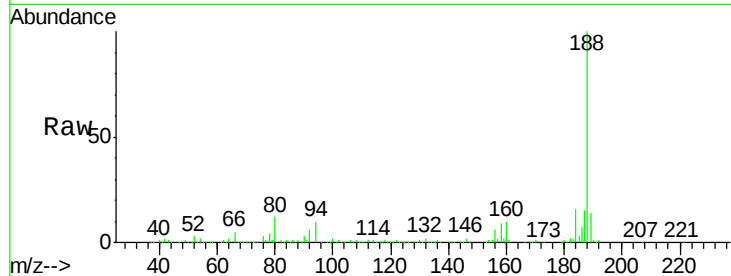
Tgt Ion:188 Resp: 378155

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

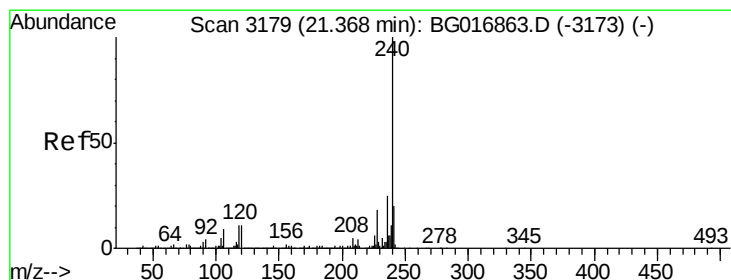
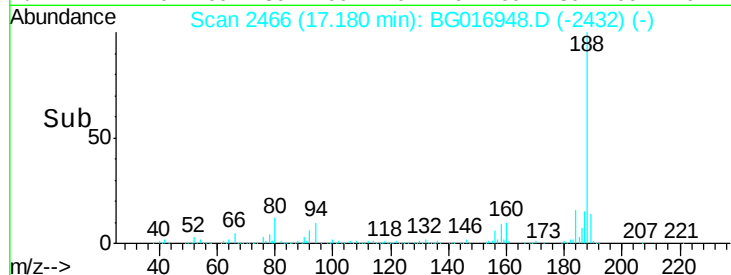
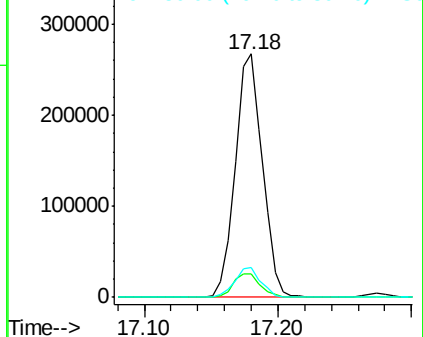
80 12.2 8.8 13.2



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

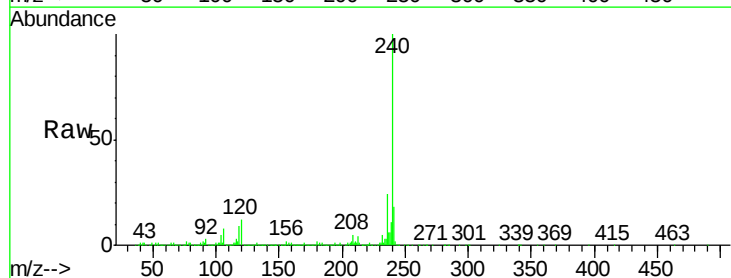
Tgt Ion:240 Resp: 384367

Ion Ratio Lower Upper

240 100

120 11.7 9.1 13.7

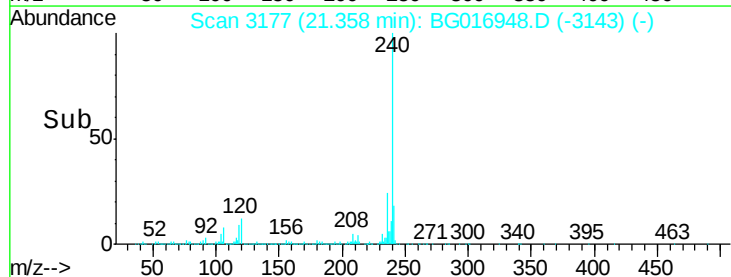
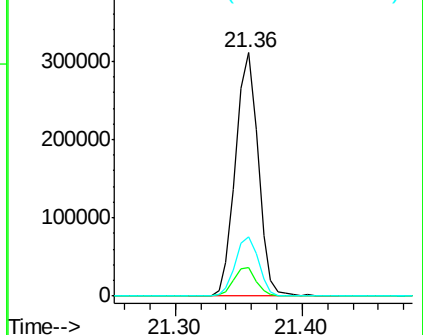
236 24.3 20.2 30.4

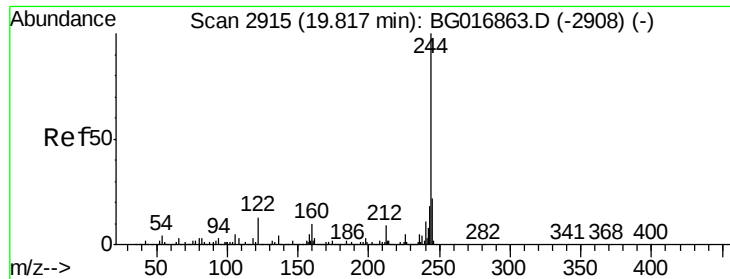


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

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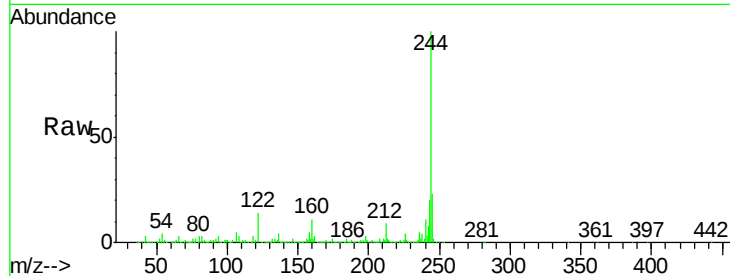
Tgt Ion:244 Resp: 1533388

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

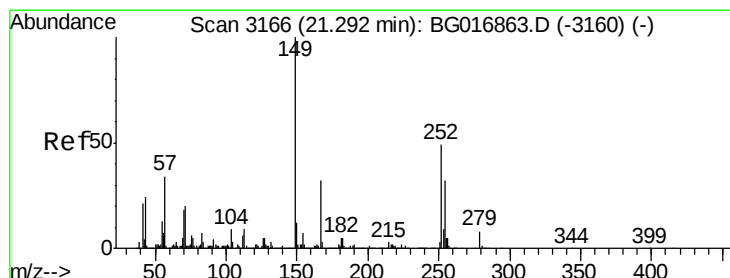
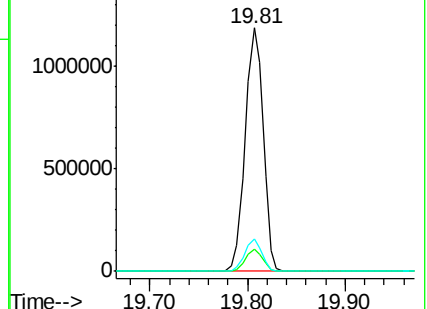
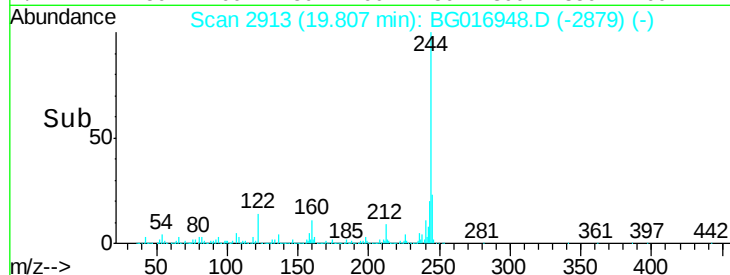
122 13.5 10.4 15.6



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

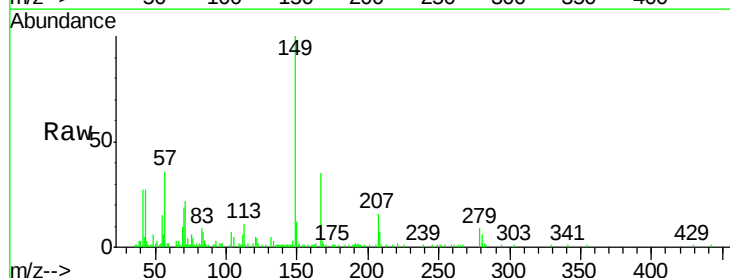
Tgt Ion:149 Resp: 30485

Ion Ratio Lower Upper

149 100

167 35.4 25.4 38.0

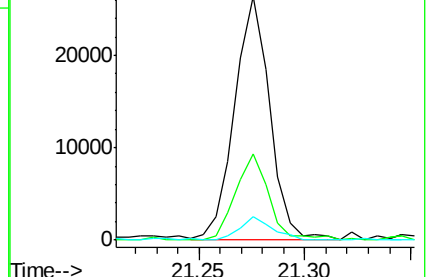
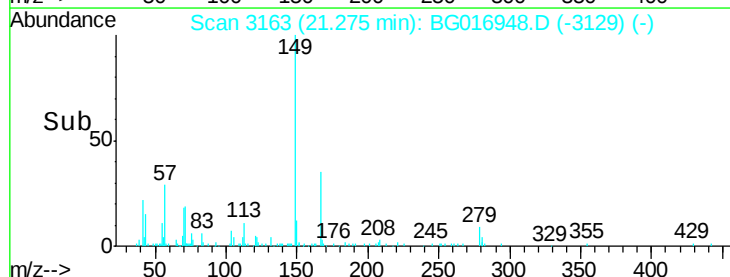
279 9.5 6.4 9.6

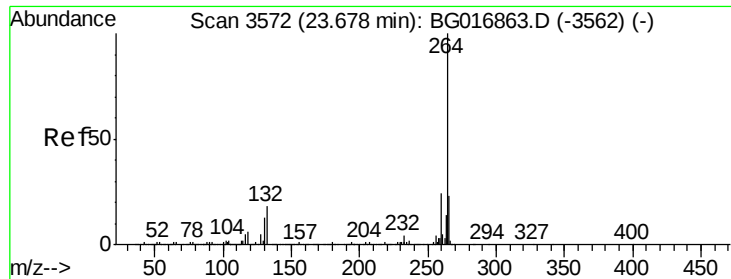


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.66 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BG016948.D

Acq: 8 May 2015 7:40

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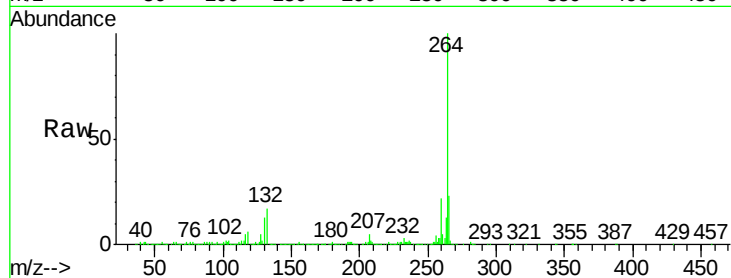
Tgt Ion: 264 Resp: 376160

Ion Ratio Lower Upper

264 100

260 22.1 19.5 29.3

265 22.5 18.5 27.7



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

