

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012615\
 Data File : BG015938.D
 Acq On : 27 Jan 2015 9:09
 Operator : TP/IZ
 Sample : G1139-02
 Misc : S
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B2A

Quant Time: Jan 27 10:26:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

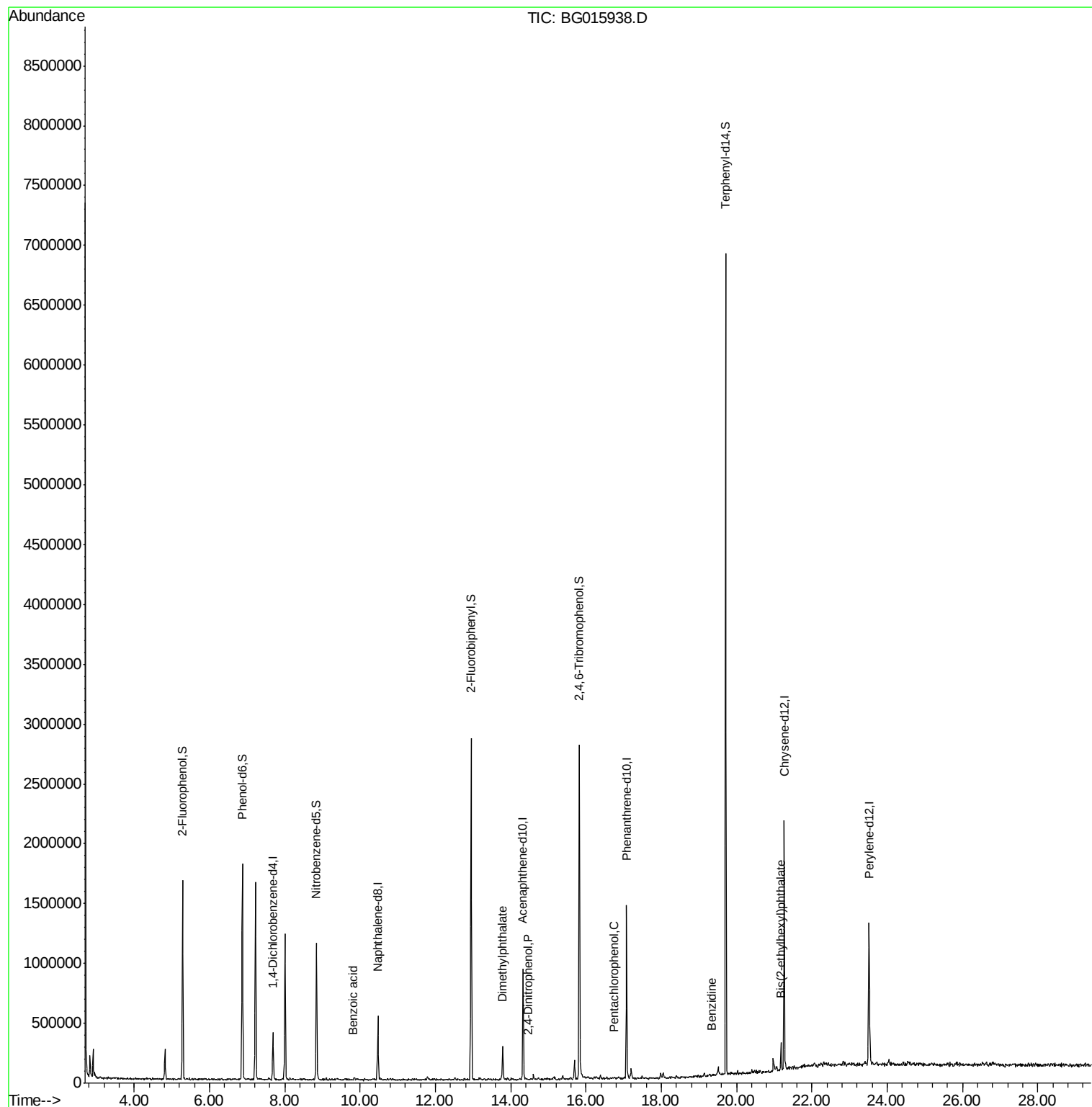
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	79903	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	316805	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	274851	20.00	ng	-0.01
63) Phenanthrene-d10	17.08	188	745413	20.00	ng	0.00
75) Chrysene-d12	21.27	240	995451	20.00	ng	0.00
86) Perylene-d12	23.52	264	963322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	542445	101.10	ng	0.00
7) Phenol-d6	6.87	99	887475	102.64	ng	0.00
23) Nitrobenzene-d5	8.84	82	680425	61.91	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	492145	97.81	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1259990	71.93	ng	0.00
78) Terphenyl-d14	19.71	244	2600792	69.78	ng	0.00
Target Compounds						
32) Benzoic acid	9.80	122	238	10.42	ng	# 1
49) Dimethylphthalate	13.79	163	145627	7.36	ng	99
53) 2,4-Dinitrophenol	14.44	184	194	4.58	ng	# 10
69) Pentachlorophenol	16.74	266	581	5.34	ng	# 66
76) Benzidine	19.34	184	2096	2.07	ng	# 35
83) Bis(2-ethylhexyl)phthalate	21.18	149	69079	2.96	ng	98

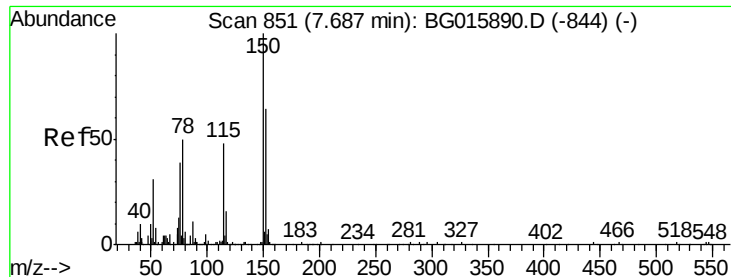
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012615\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

Instrument :

BNA_G

ClientSampleId :

121B2A

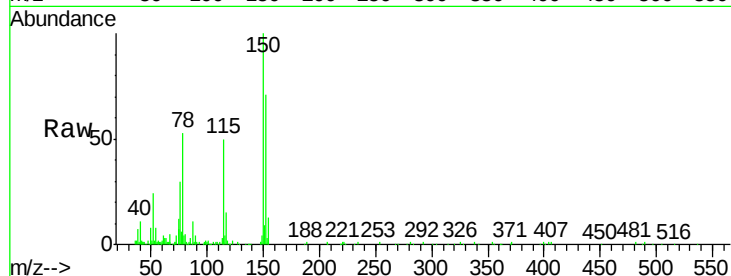
Tgt Ion:152 Resp: 79903

Ion Ratio Lower Upper

152 100

150 141.7 124.5 186.7

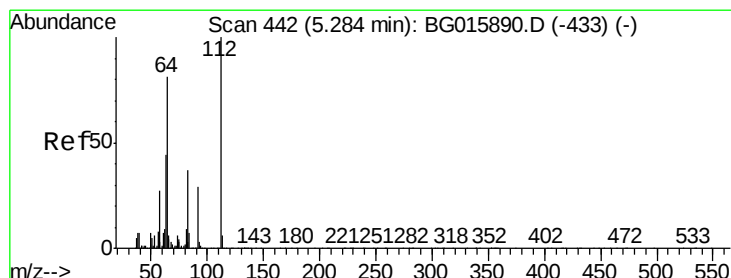
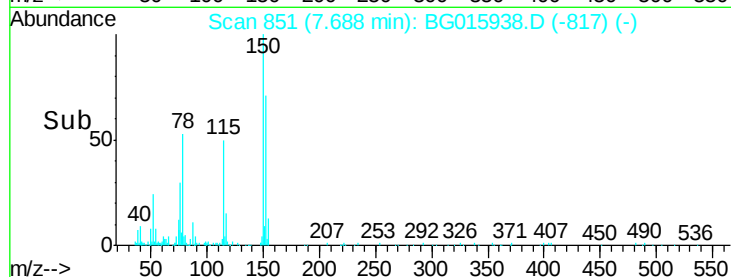
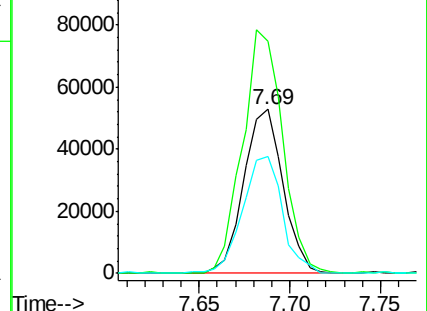
115 71.2 60.4 90.6



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: 101.10 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

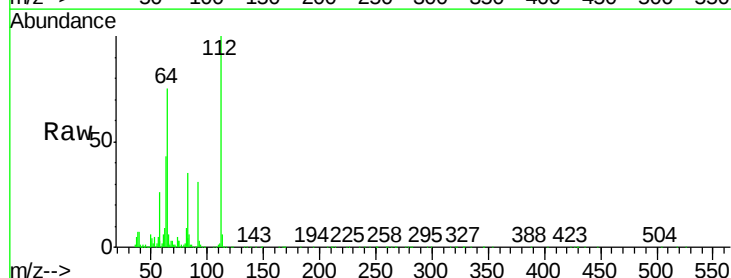
Tgt Ion:112 Resp: 542445

Ion Ratio Lower Upper

112 100

64 75.0 64.4 96.6

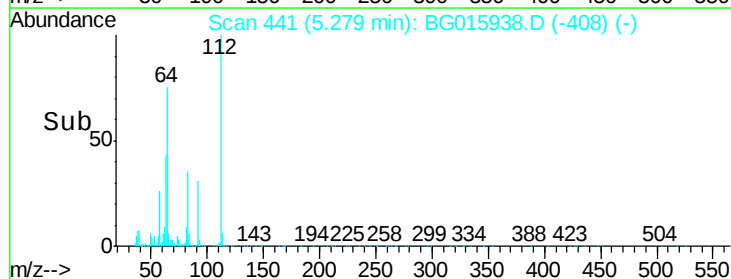
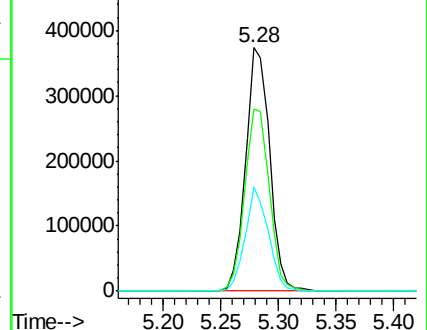
63 43.0 35.1 52.7

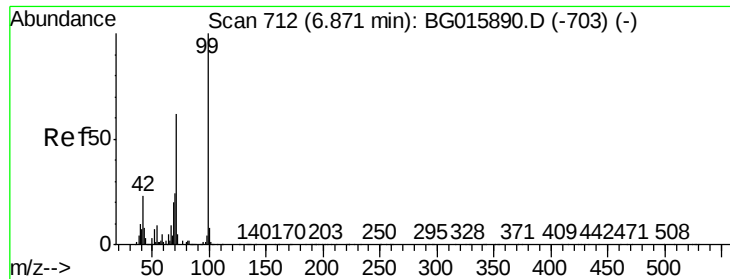


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 102.64 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

Instrument :

BNA_G

ClientSampleId :

121B2A

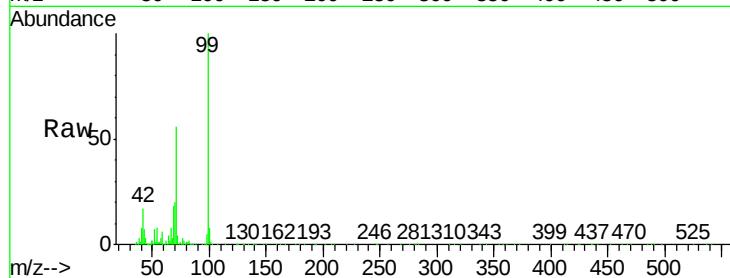
Tgt Ion: 99 Resp: 887475

Ion Ratio Lower Upper

99 100

42 17.1 18.1 27.1#

71 55.5 49.8 74.8



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

6.87

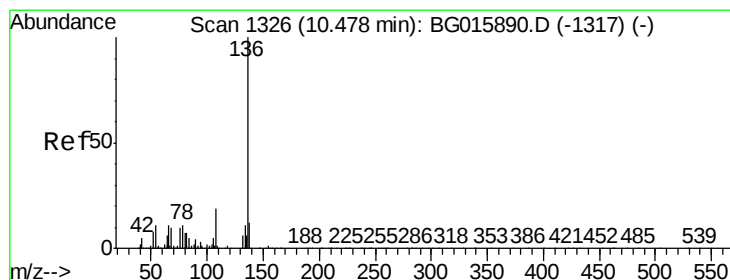
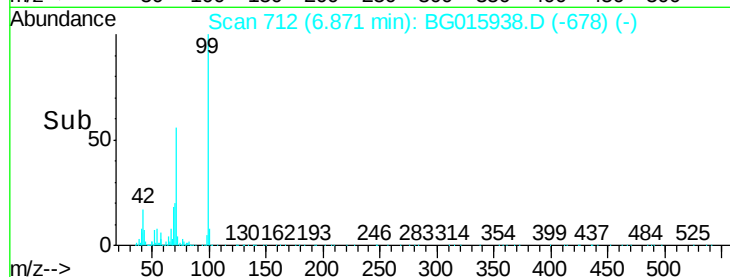
600000

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

Tgt Ion: 136 Resp: 316805

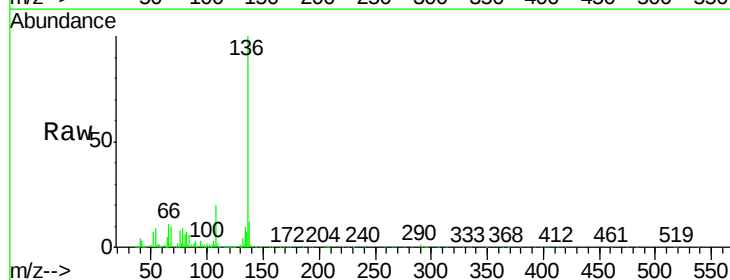
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 8.7 8.5 12.7

68 10.5 8.0 12.0



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

10.47

300000

250000

200000

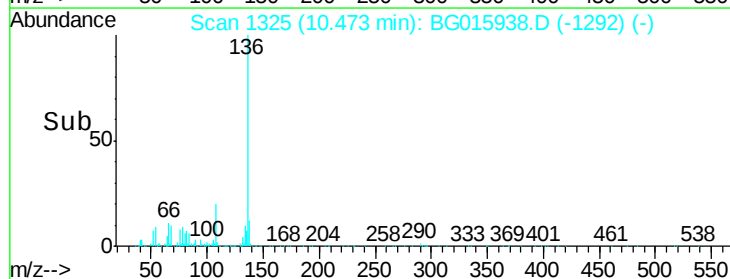
150000

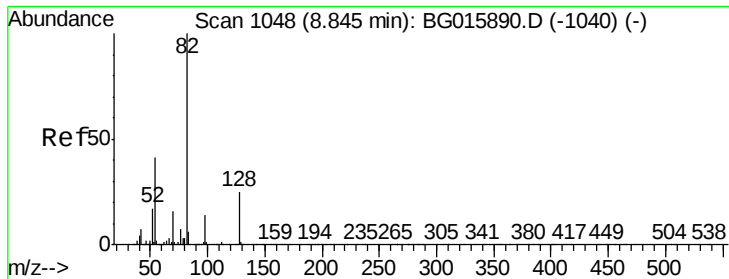
100000

50000

0

Time-->

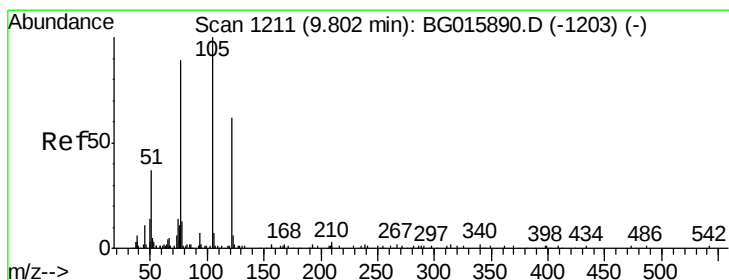
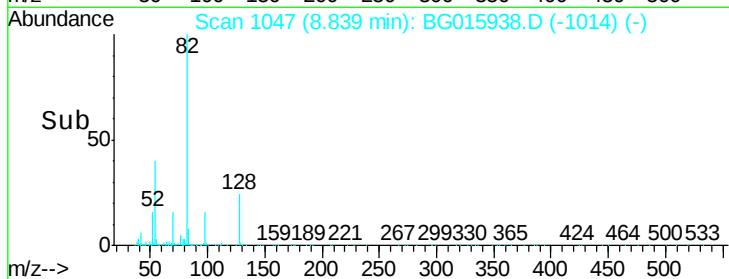
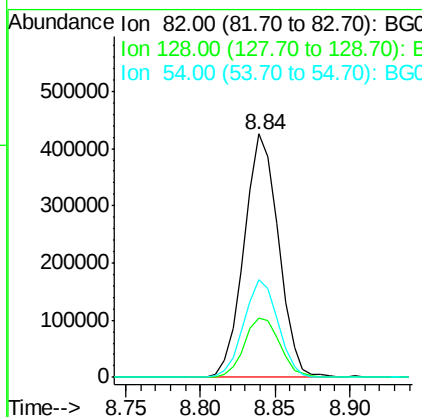
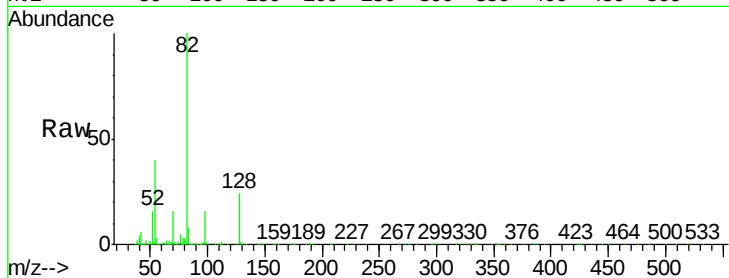




#23
 Nitrobenzene-d5
 Concen: 61.91 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG015938.D
 Acq: 27 Jan 2015 9:09

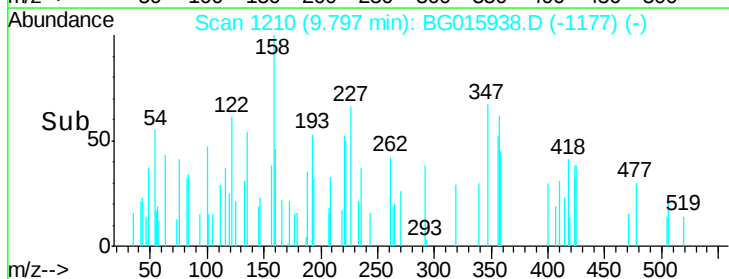
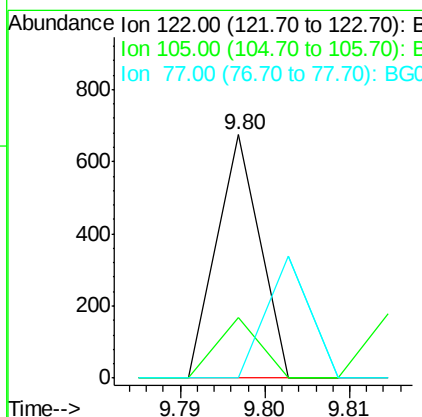
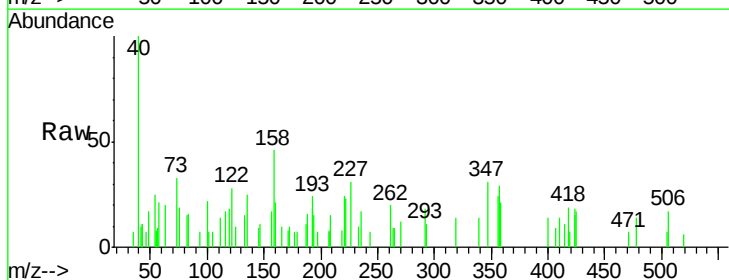
Instrument :
 BNA_G
 ClientSampleId :
 121B2A

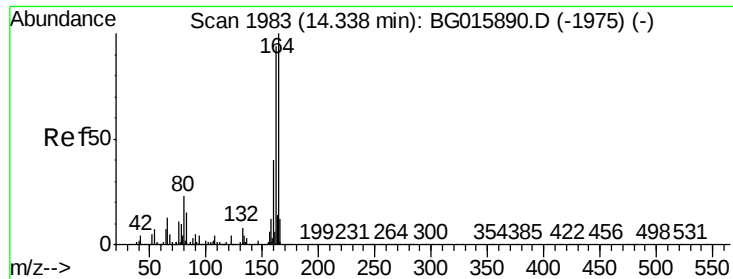
Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.5	19.8	29.8
54	40.1	33.0	49.4



#32
 Benzoic acid
 Concen: 10.42 ng
 RT: 9.80 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BG015938.D
 Acq: 27 Jan 2015 9:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	24.9	140.2	180.2#
77	0.0	126.4	166.4#

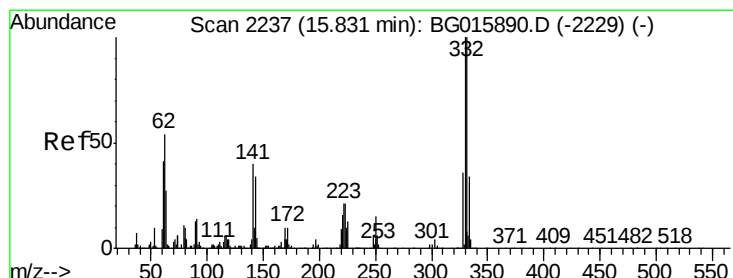
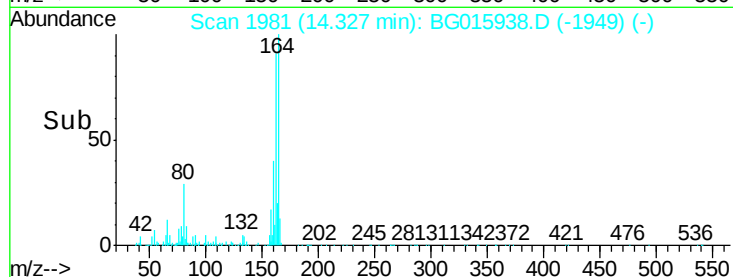
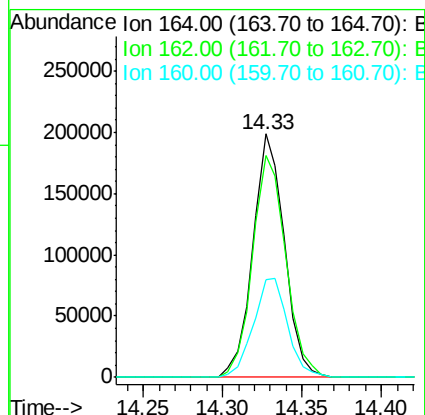
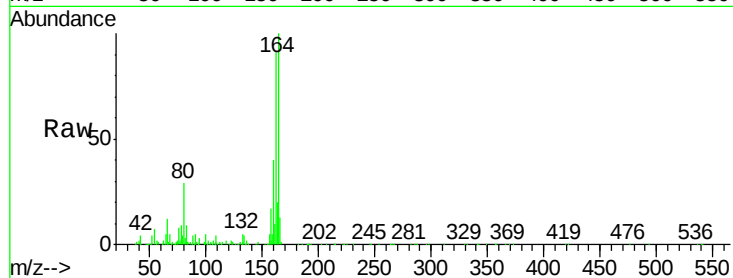




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015938.D
Acq: 27 Jan 2015 9:09

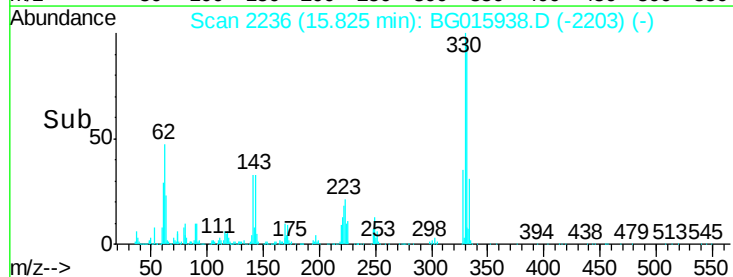
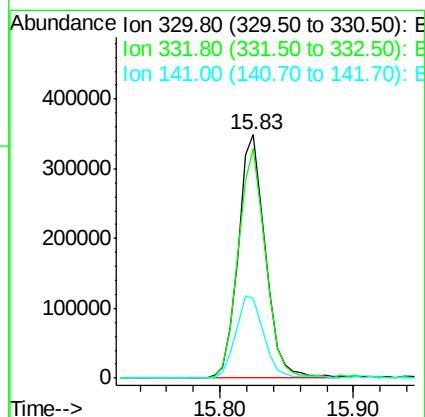
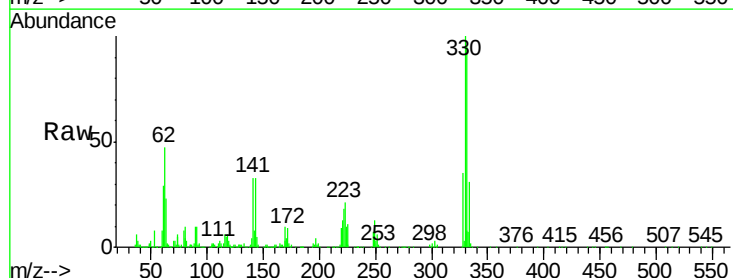
Instrument :
BNA_G
ClientSampleId :
121B2A

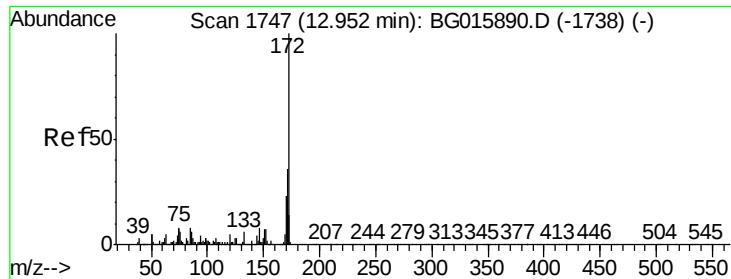
Tgt Ion:164 Resp: 274851
Ion Ratio Lower Upper
164 100
162 90.9 75.1 112.7
160 40.0 32.3 48.5



#41
2,4,6-Tribromophenol
Concen: 97.81 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015938.D
Acq: 27 Jan 2015 9:09

Tgt Ion:330 Resp: 492145
Ion Ratio Lower Upper
330 100
332 95.1 75.4 113.0
141 35.6 33.0 49.6





#44

2-Fluorobiphenyl

Concen: 71.93 ng

RT: 12.95 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

Instrument :

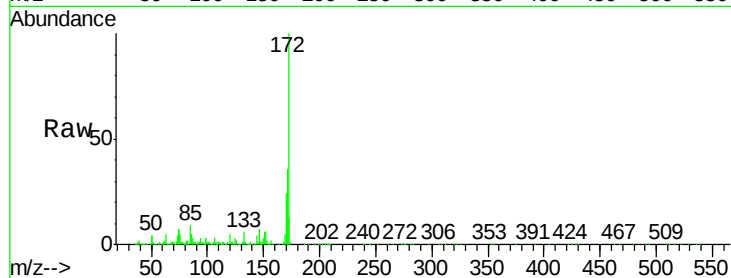
BNA_G

ClientSampleId :

121B2A

Tgt Ion:172 Resp: 1259990

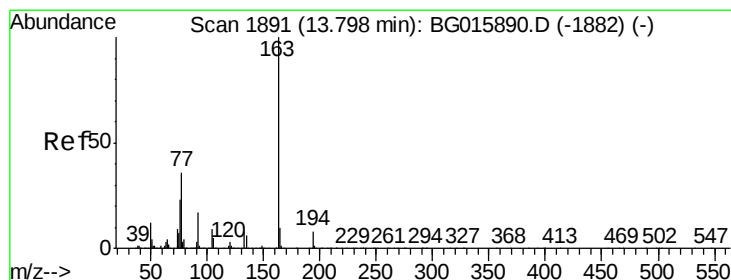
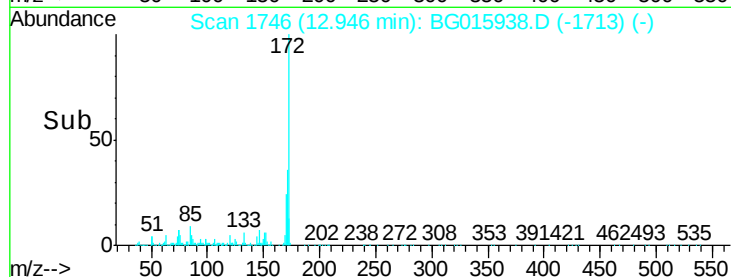
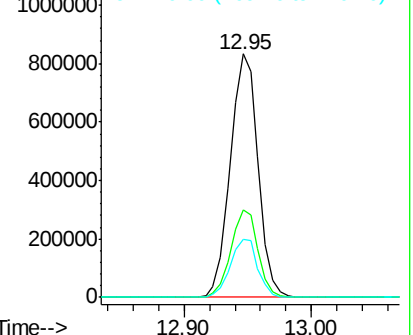
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.8	18.6	27.8



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



#49

Dimethylphthalate

Concen: 7.36 ng

RT: 13.79 min Scan# 1889

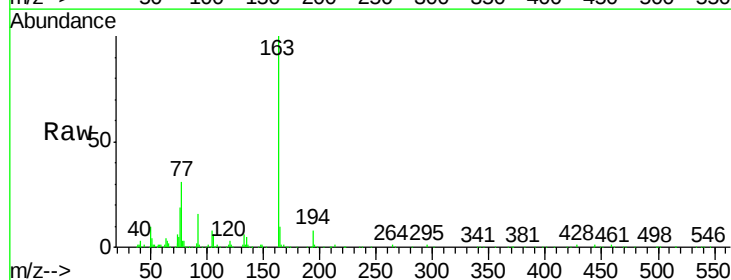
Delta R.T. -0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

Tgt Ion:163 Resp: 145627

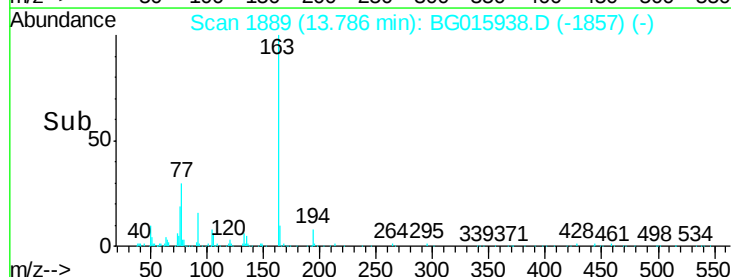
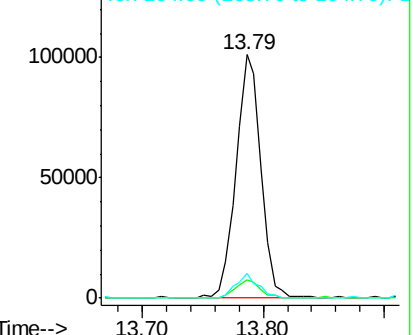
Ion	Ratio	Lower	Upper
163	100		
194	7.6	6.2	9.4
164	10.2	8.0	12.0

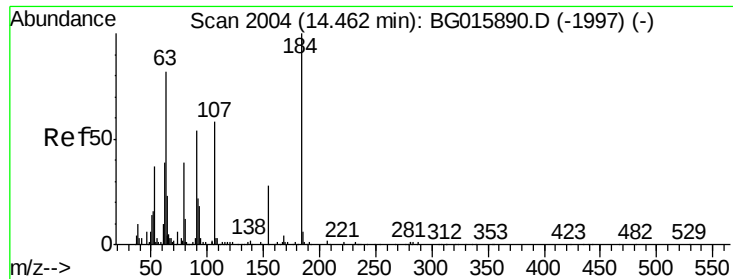


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 4.58 ng

RT: 14.44 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

Instrument :

BNA_G

ClientSampleId :

121B2A

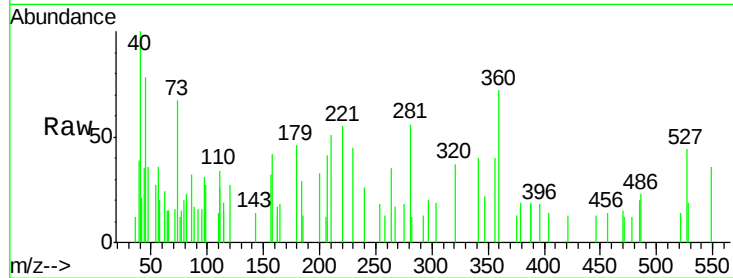
Tgt Ion:184 Resp: 194

Ion Ratio Lower Upper

184 100

63 0.0 68.6 103.0#

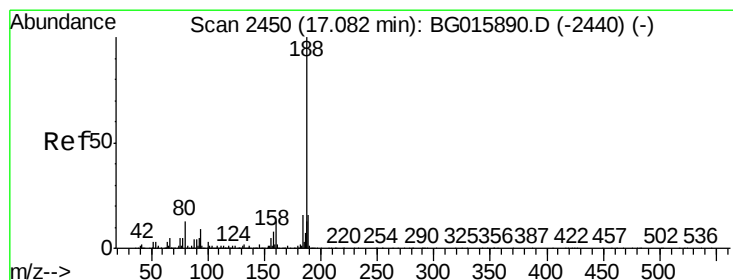
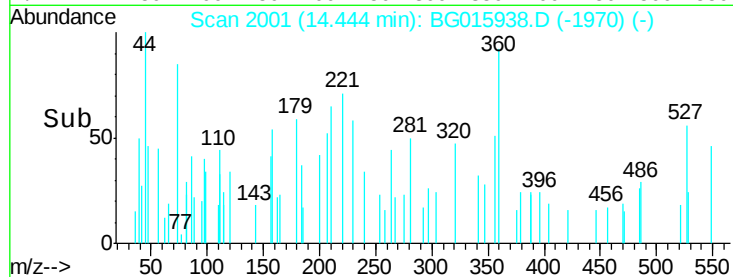
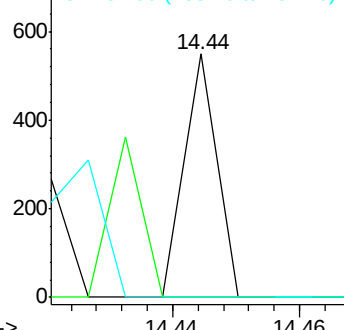
154 0.0 54.9 82.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

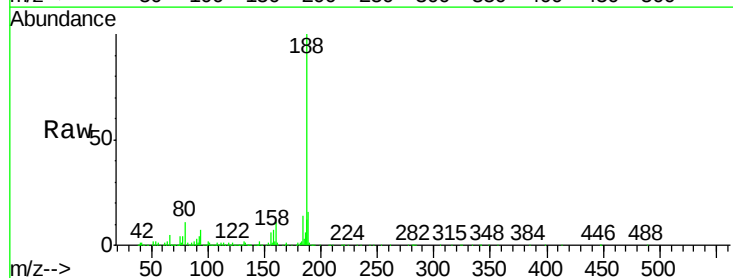
Tgt Ion:188 Resp: 745413

Ion Ratio Lower Upper

188 100

94 7.1 7.8 11.8#

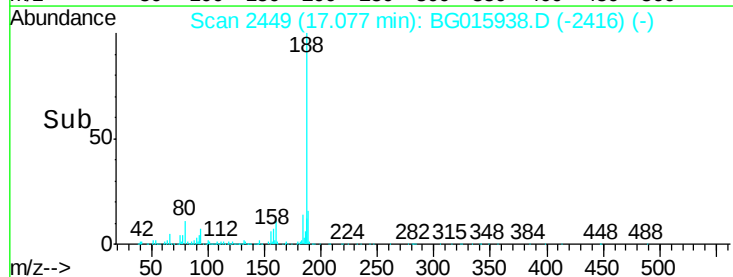
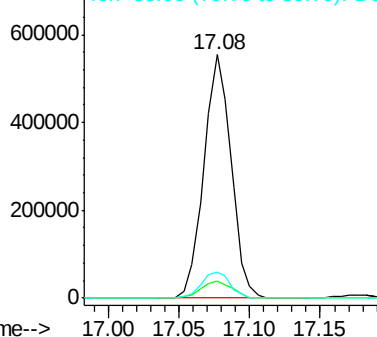
80 10.7 10.6 16.0

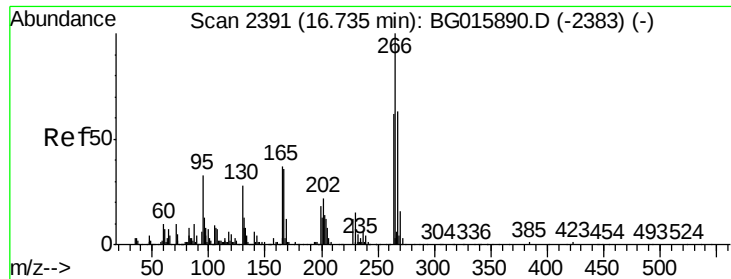


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#69

Pentachlorophenol

Concen: 5.34 ng

RT: 16.74 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

Instrument :

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ClientSampleId :

121B2A

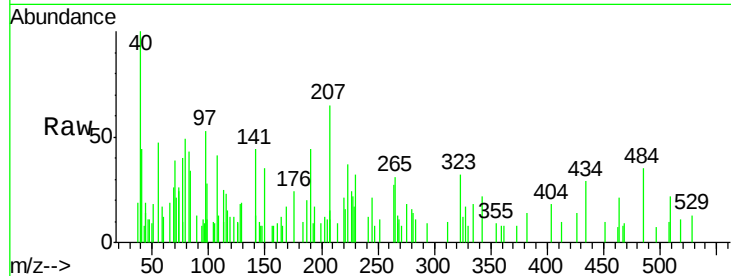
Tgt Ion:266 Resp: 581

Ion Ratio Lower Upper

266 100

268 33.5 53.5 80.3#

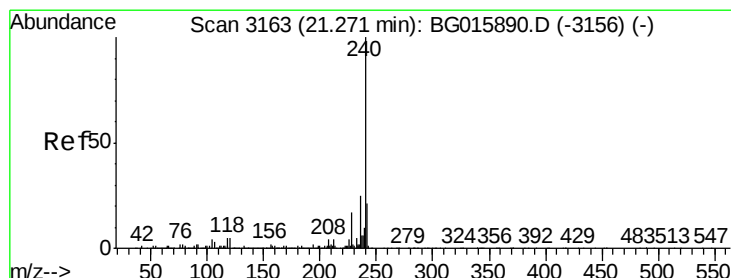
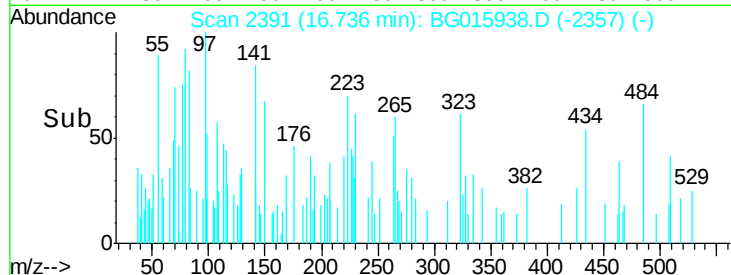
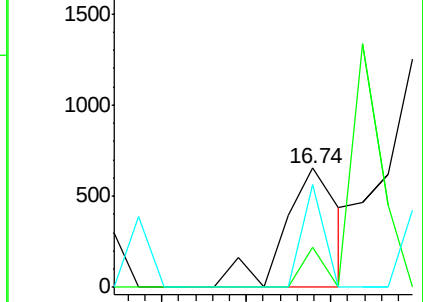
264 86.2 51.9 77.9#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

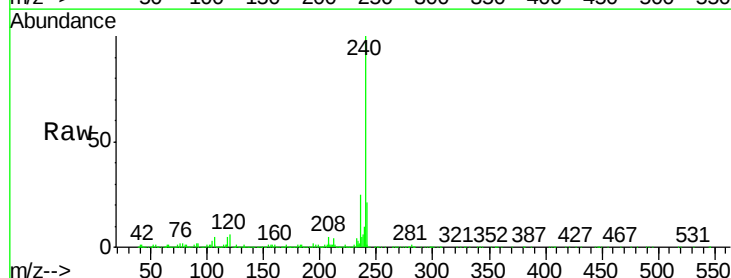
Tgt Ion:240 Resp: 995451

Ion Ratio Lower Upper

240 100

120 5.7 3.9 5.9

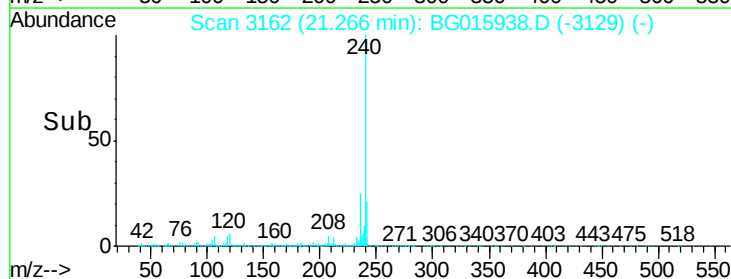
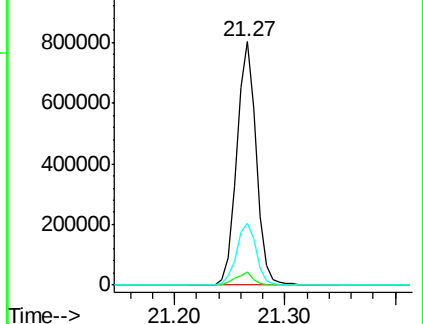
236 25.2 20.0 30.0

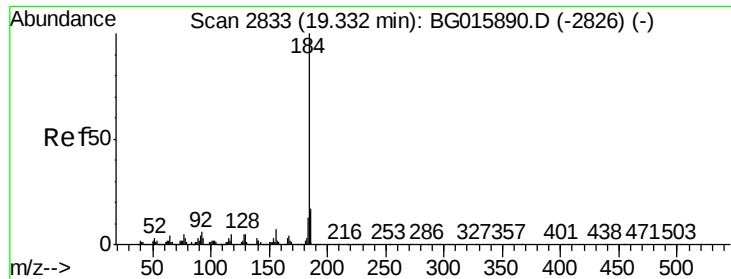


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.07 ng

RT: 19.34 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

Instrument :

BNA_G

ClientSampled :

121B2A

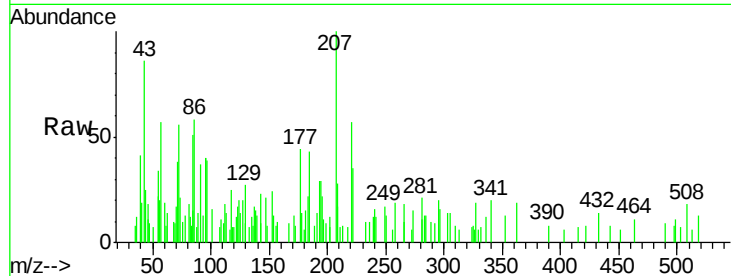
Tgt Ion:184 Resp: 2096

Ion Ratio Lower Upper

184 100

185 0.0 13.3 19.9#

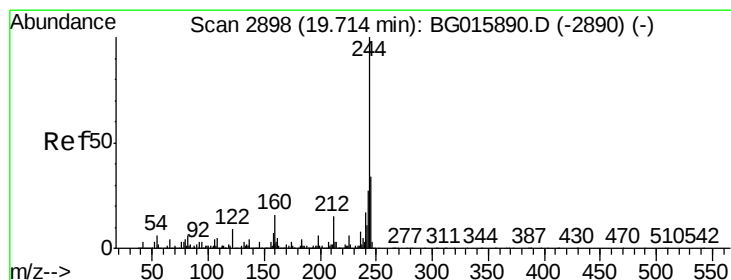
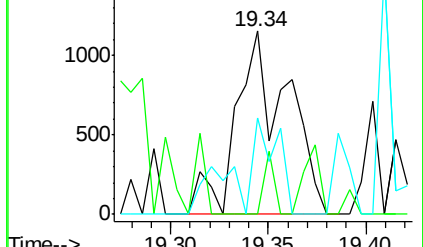
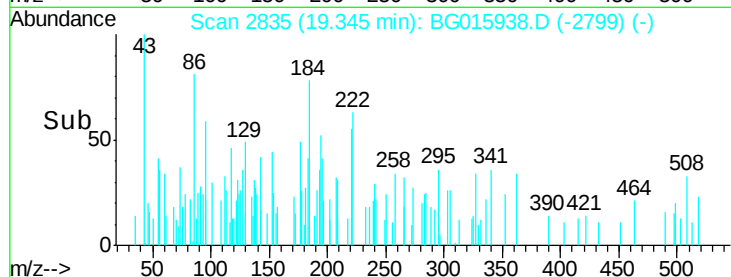
183 52.3 10.1 15.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 69.78 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

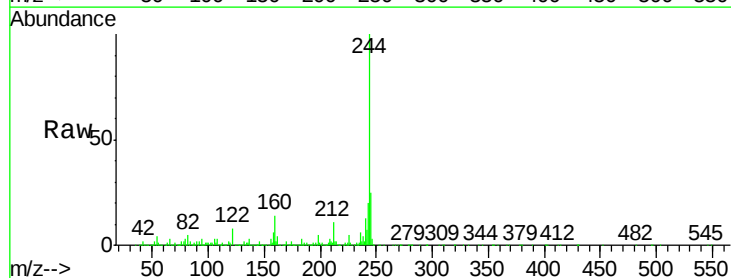
Tgt Ion:244 Resp: 2600792

Ion Ratio Lower Upper

244 100

212 10.7 11.6 17.4#

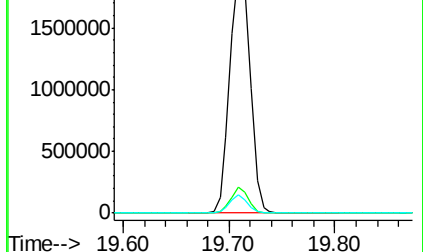
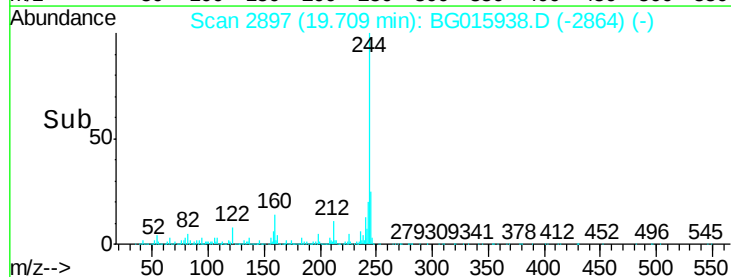
122 7.6 7.0 10.4

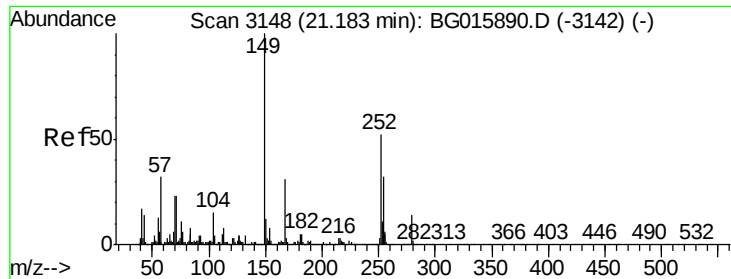


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.96 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

Instrument :

BNA_G

ClientSampleId :

121B2A

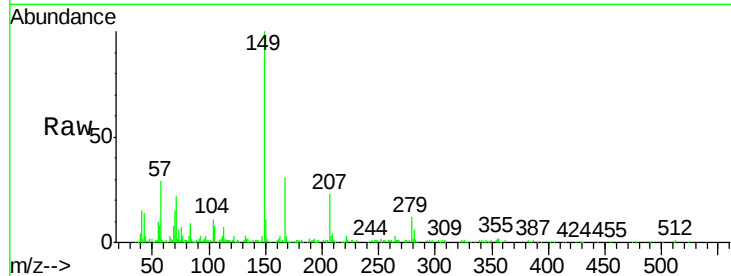
Tgt Ion:149 Resp: 69079

Ion Ratio Lower Upper

149 100

167 30.9 25.1 37.7

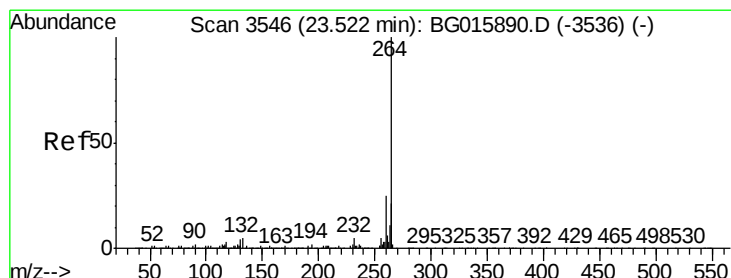
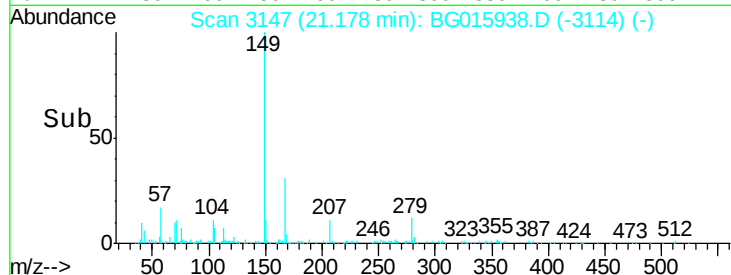
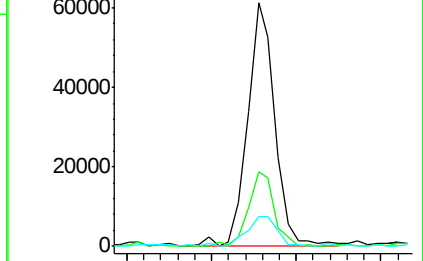
279 12.4 11.2 16.8



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: 23.52 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG015938.D

Acq: 27 Jan 2015 9:09

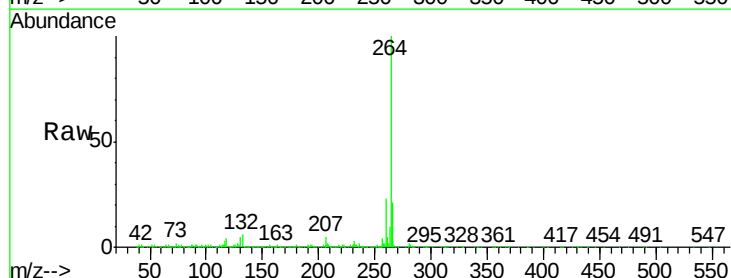
Tgt Ion:264 Resp: 963322

Ion Ratio Lower Upper

264 100

260 22.8 19.7 29.5

265 21.1 17.3 25.9



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

