

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015965.D
 Acq On : 28 Jan 2015 3:10
 Operator : TP/IZ
 Sample : G1138-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 275B2

Quant Time: Jan 28 05:22:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

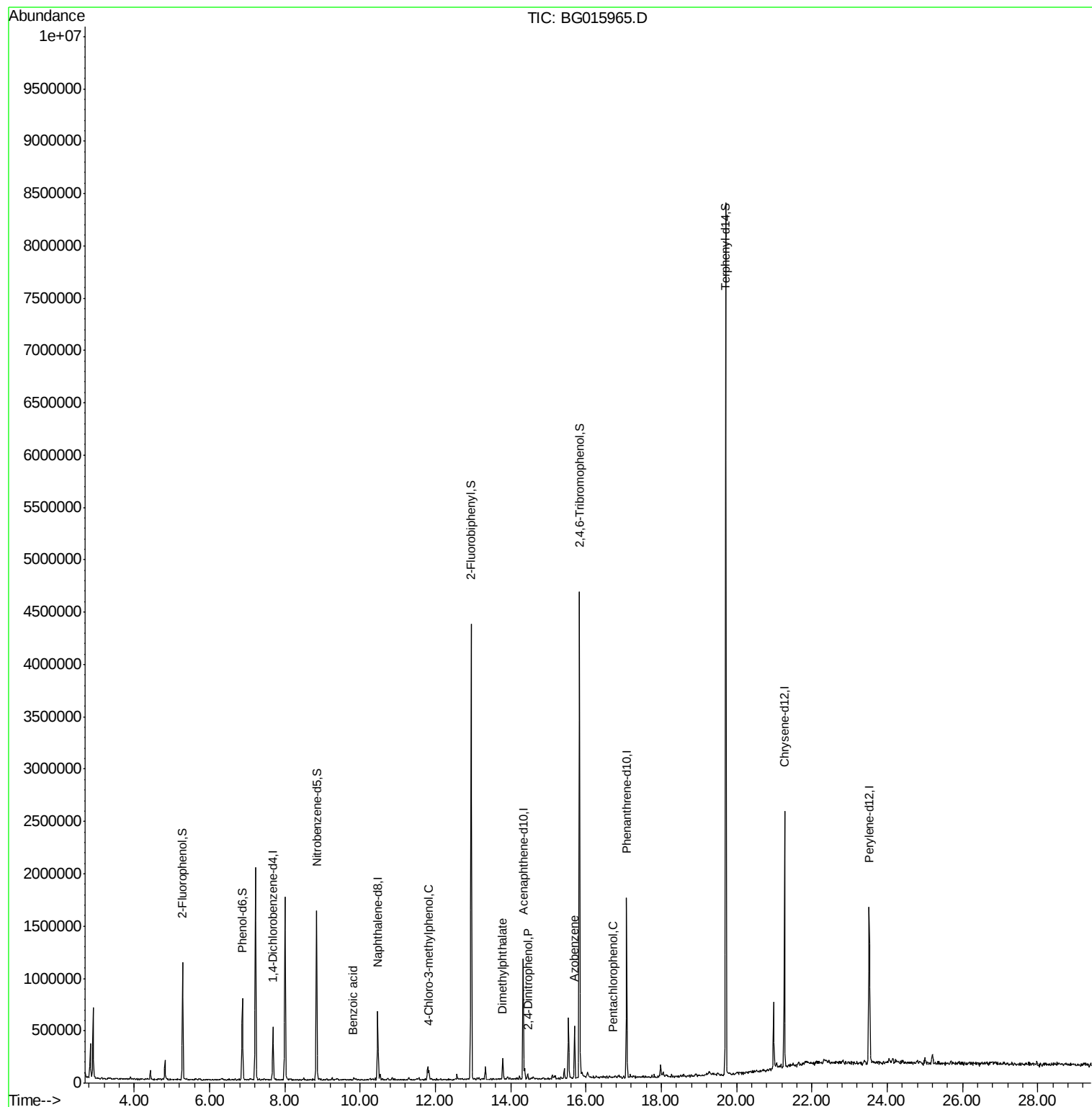
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	101924	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	417978	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	342562	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	907324	20.00	ng	0.00
75) Chrysene-d12	21.26	240	1259824	20.00	ng	0.00
86) Perylene-d12	23.52	264	1234959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	383544	56.04	ng	0.00
7) Phenol-d6	6.86	99	388470	35.22	ng	0.00
23) Nitrobenzene-d5	8.84	82	974099	67.18	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	769983	122.78	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1910085	87.49	ng	0.00
78) Terphenyl-d14	19.71	244	3018865	61.99	ng	0.00
Target Compounds						
32) Benzoic acid	9.80	122	264	10.40	ng	# 1
36) 4-Chloro-3-methylphenol	11.82	107	25583	2.30	ng	# 33
49) Dimethylphthalate	13.79	163	105105	4.26	ng	# 97
53) 2,4-Dinitrophenol	14.46	184	150	4.55	ng	# 10
62) Azobenzene	15.70	77	167276	4.11	ng	# 31
69) Pentachlorophenol	16.70	266	389	5.29	ng	# 17
80) Benzo(a)anthracene	21.27	228	3251	Below Cal		# 74

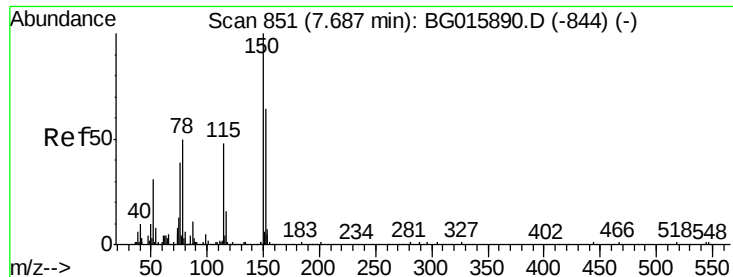
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

Instrument :

BNA_G

ClientSampleId :

275B2

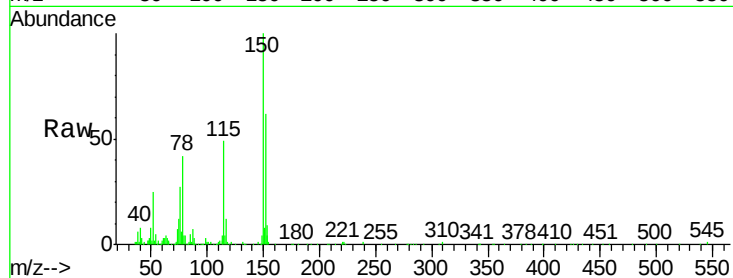
Tgt Ion:152 Resp: 101924

Ion Ratio Lower Upper

152 100

150 160.3 124.5 186.7

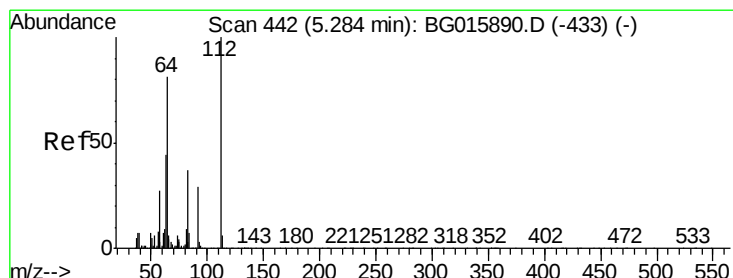
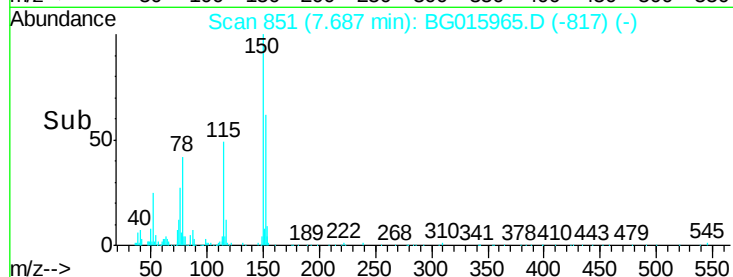
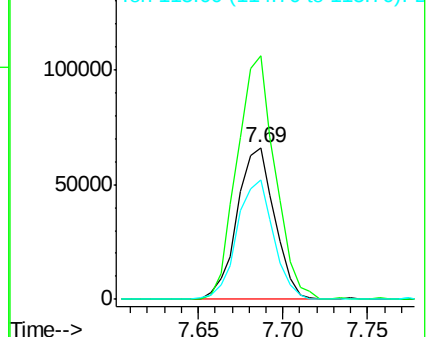
115 78.8 60.4 90.6



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: 56.04 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

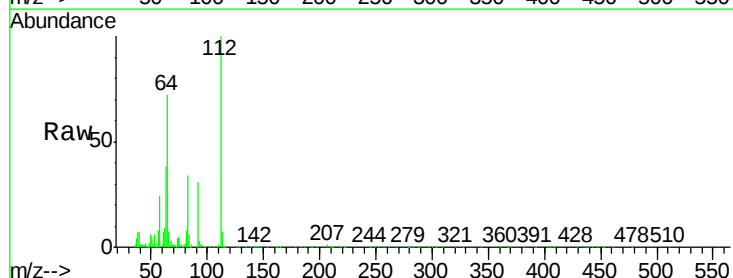
Tgt Ion:112 Resp: 383544

Ion Ratio Lower Upper

112 100

64 72.2 64.4 96.6

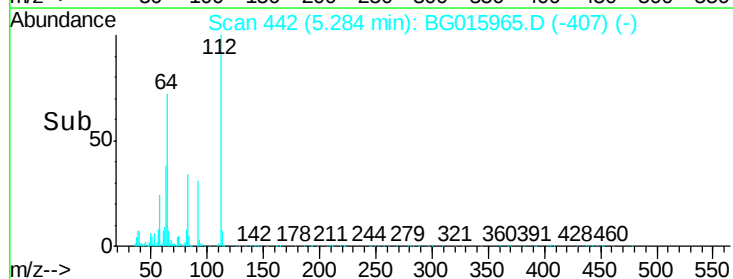
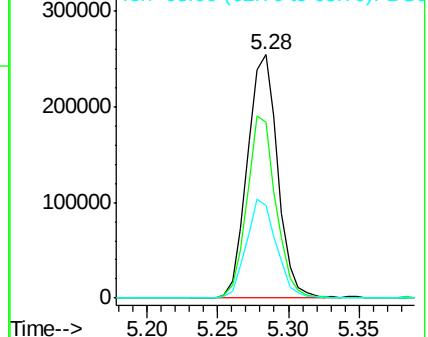
63 37.8 35.1 52.7

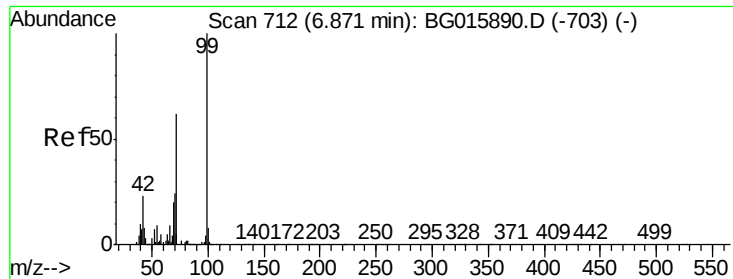


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.22 ng

RT: 6.86 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

Instrument :

BNA_G

ClientSampleId :

275B2

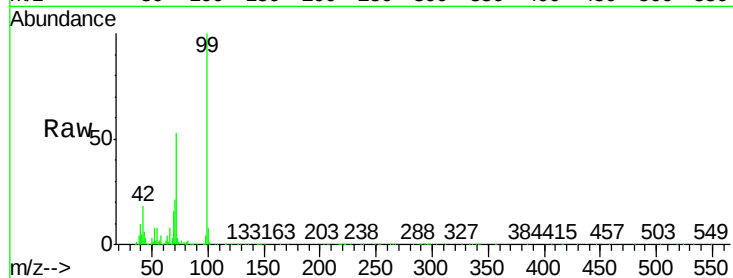
Tgt Ion: 99 Resp: 388470

Ion Ratio Lower Upper

99 100

42 18.3 18.1 27.1

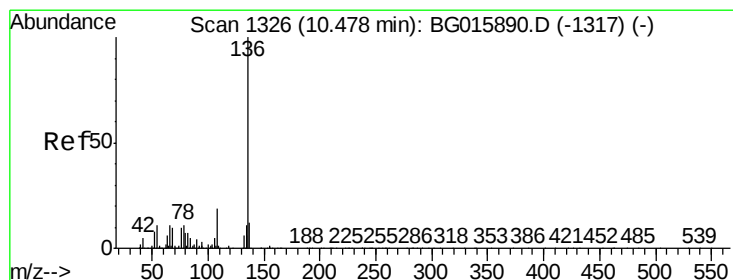
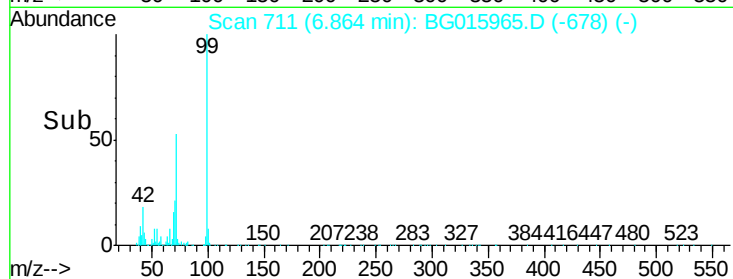
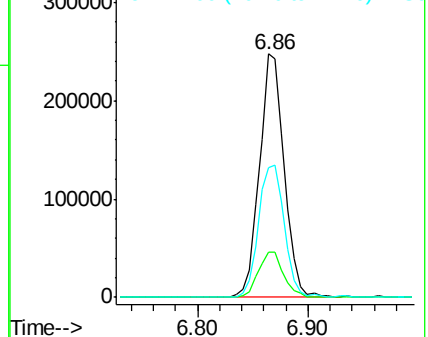
71 53.2 49.8 74.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

Tgt Ion: 136 Resp: 417978

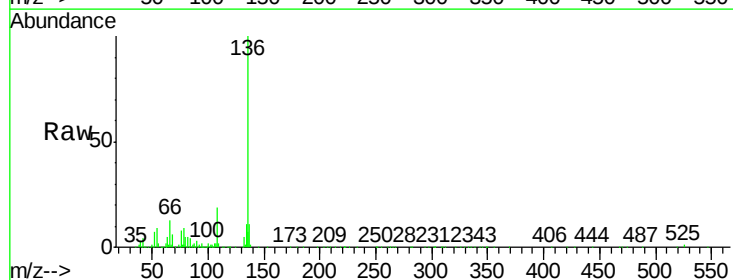
Ion Ratio Lower Upper

136 100

137 11.4 9.7 14.5

54 9.1 8.5 12.7

68 5.9 8.0 12.0#

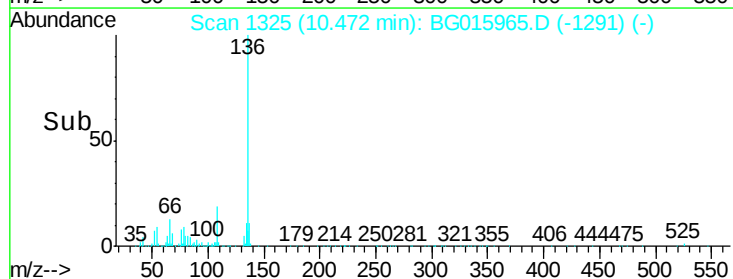
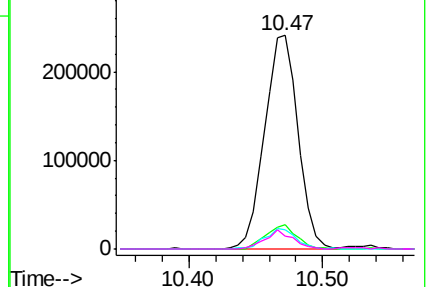


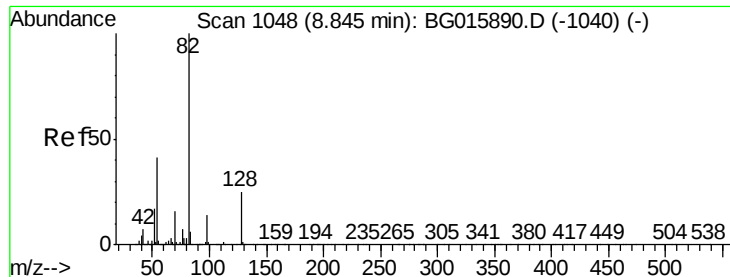
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

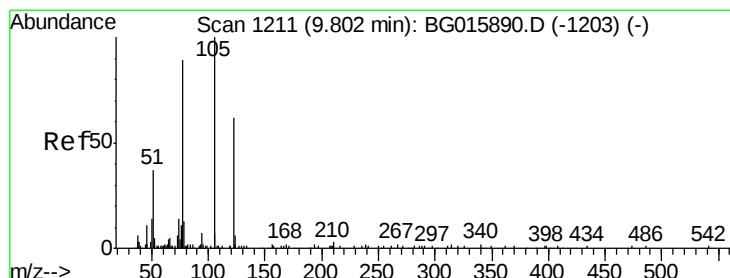
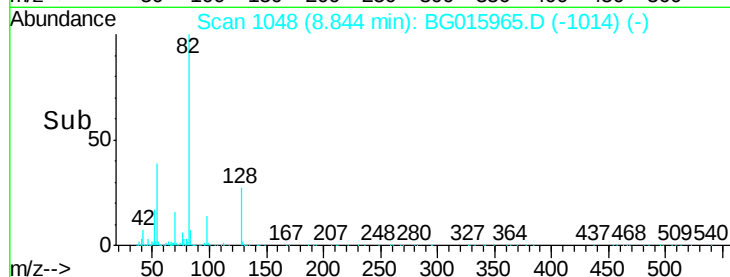
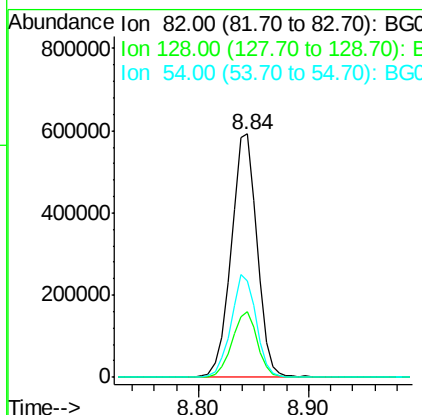
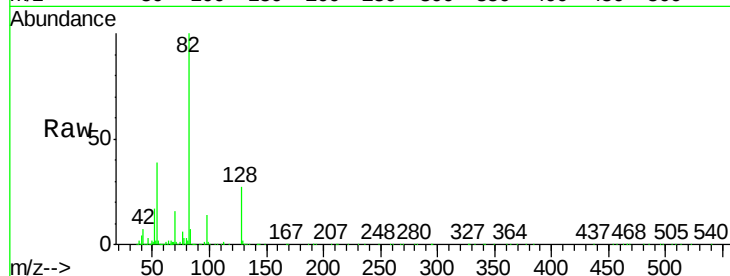




#23
 Nitrobenzene-d5
 Concen: 67.18 ng
 RT: 8.84 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG015965.D
 Acq: 28 Jan 2015 3:10

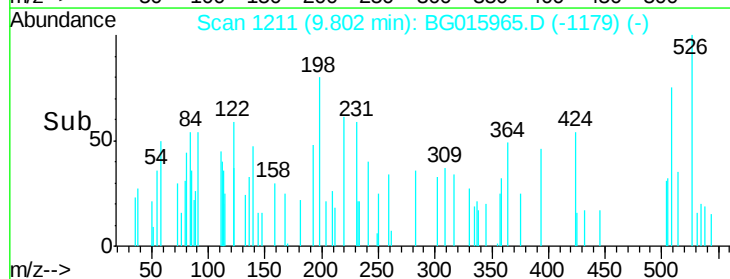
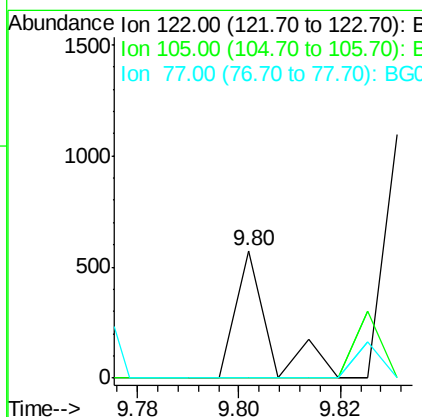
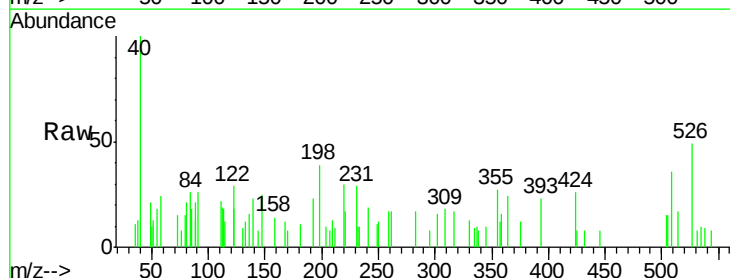
Instrument :
 BNA_G
 ClientSampleId :
 275B2

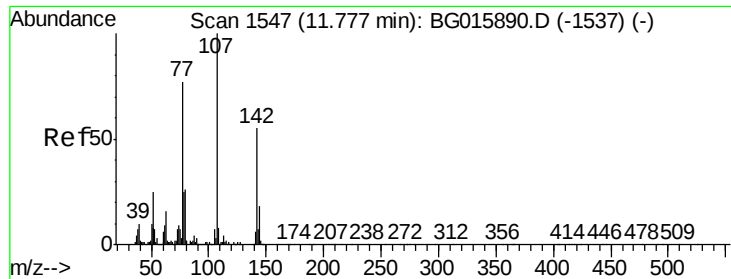
Tgt Ion	Ratio	Lower	Upper
82	100		
128	27.1	19.8	29.8
54	39.4	33.0	49.4



#32
 Benzoic acid
 Concen: 10.40 ng
 RT: 9.80 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG015965.D
 Acq: 28 Jan 2015 3:10

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

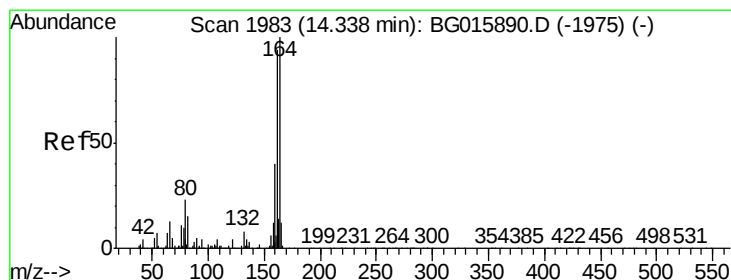
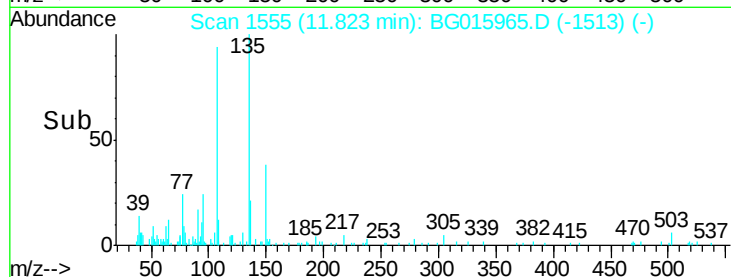
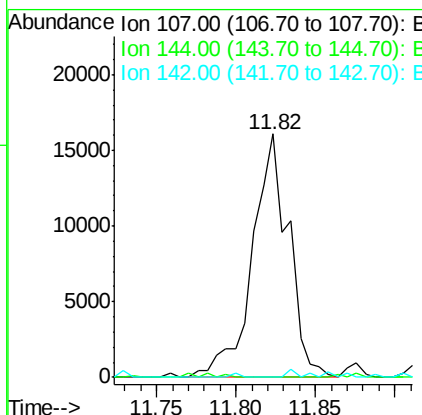
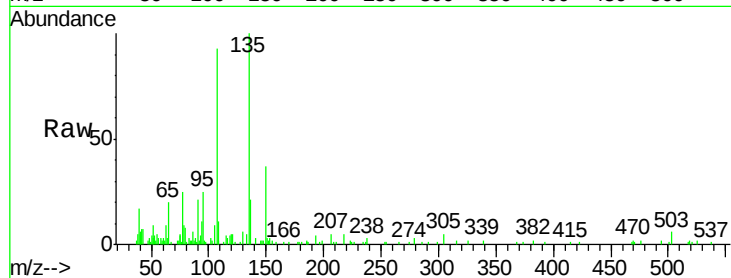




#36
 4-Chloro-3-methylphenol
 Concen: 2.30 ng
 RT: 11.82 min Scan# 1555
 Delta R.T. 0.05 min
 Lab File: BG015965.D
 Acq: 28 Jan 2015 3:10

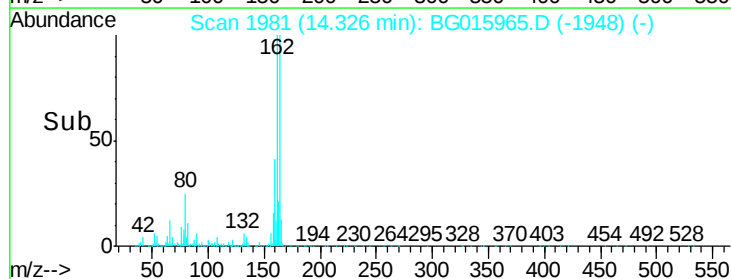
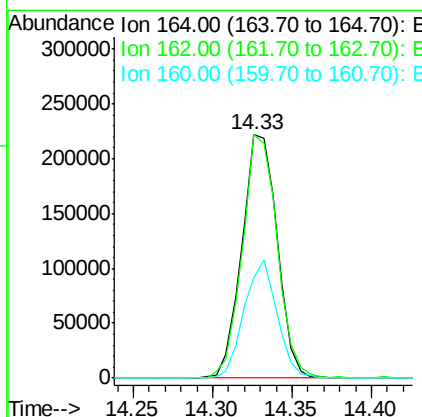
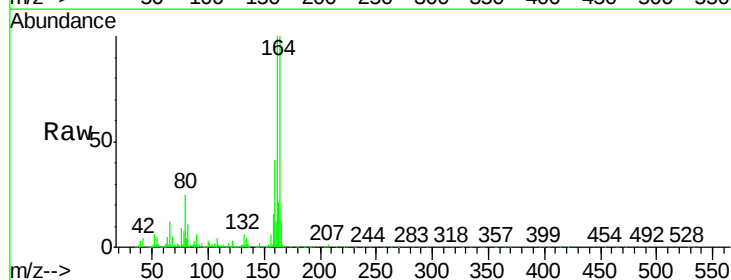
Instrument :
 BNA_G
 ClientSampleId :
 275B2

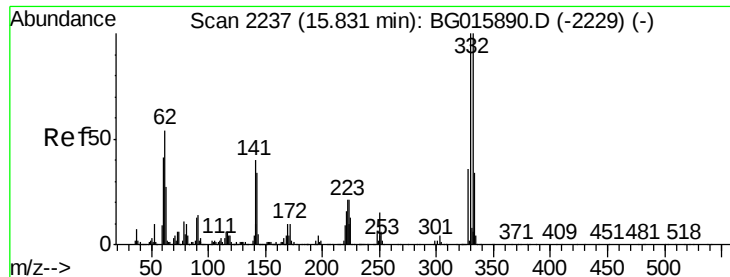
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	14.6	22.0#
142	0.0	43.8	65.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG015965.D
 Acq: 28 Jan 2015 3:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	75.1	112.7
160	41.1	32.3	48.5

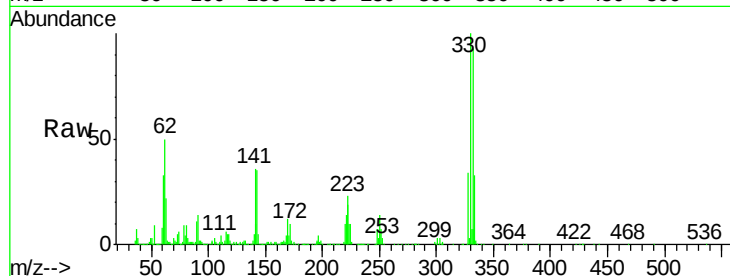




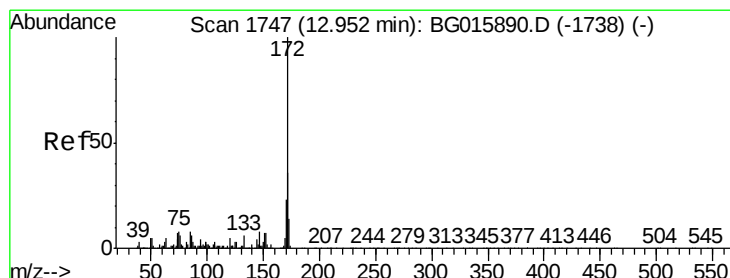
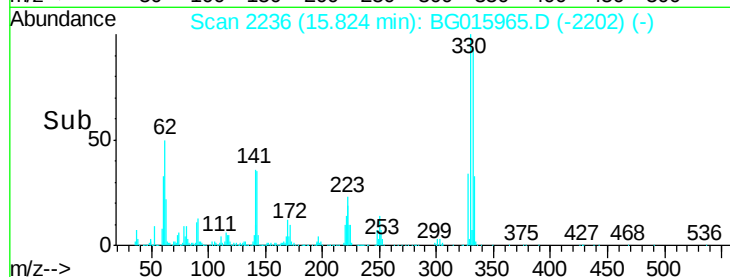
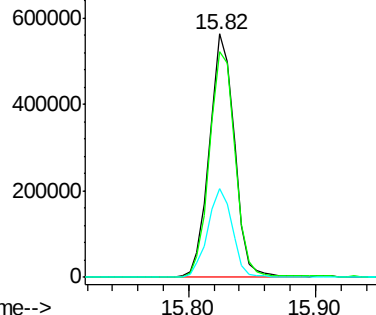
#41
 2,4,6-Tribromophenol
 Concen: 122.78 ng
 RT: 15.82 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG015965.D
 Acq: 28 Jan 2015 3:10

Instrument :
 BNA_G
 ClientSampleId :
 275B2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.0
141	36.3	33.0	49.6

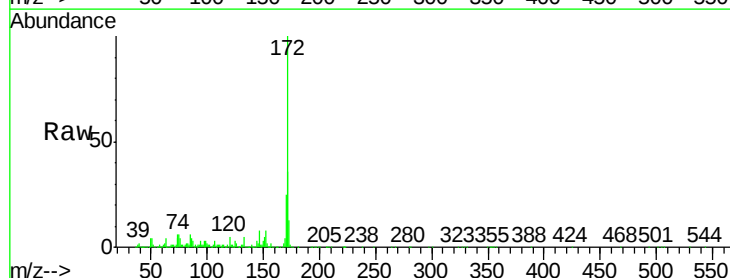


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

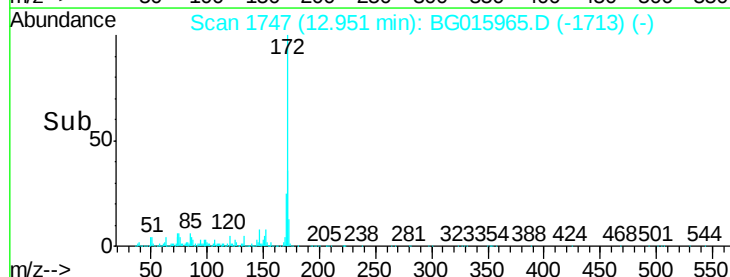
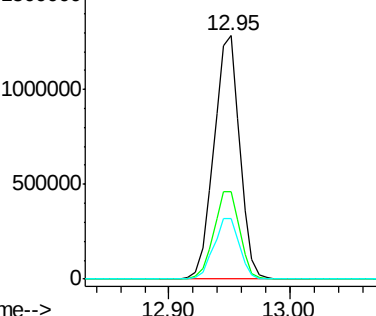


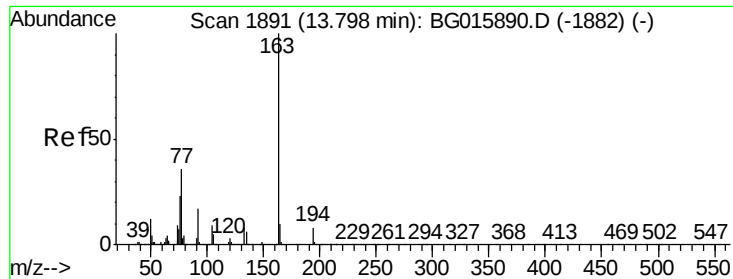
#44
 2-Fluorobiphenyl
 Concen: 87.49 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG015965.D
 Acq: 28 Jan 2015 3:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	24.8	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: 4.26 ng

RT: 13.79 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

Instrument :

BNA_G

ClientSampleId :

275B2

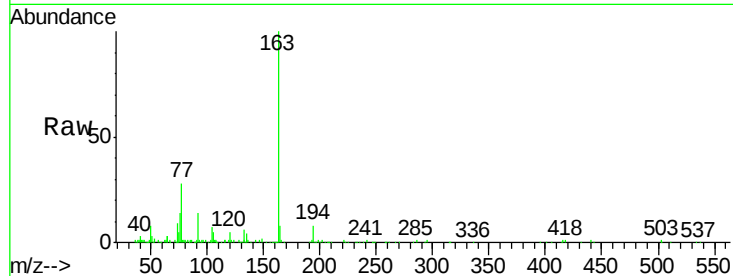
Tgt Ion:163 Resp: 105105

Ion Ratio Lower Upper

163 100

194 8.0 6.2 9.4

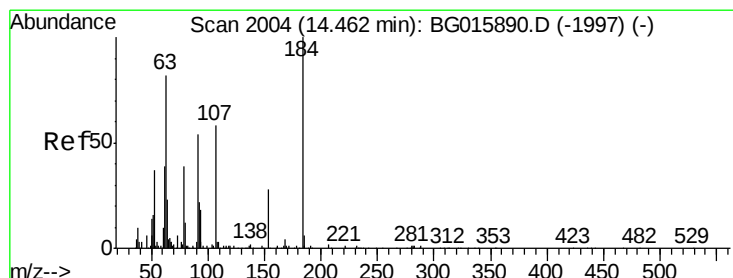
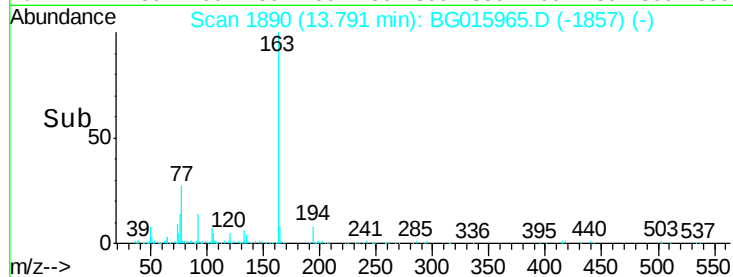
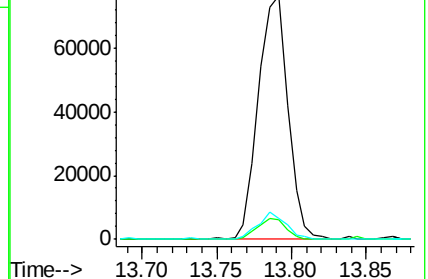
164 8.3 8.0 12.0



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: 4.55 ng

RT: 14.46 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

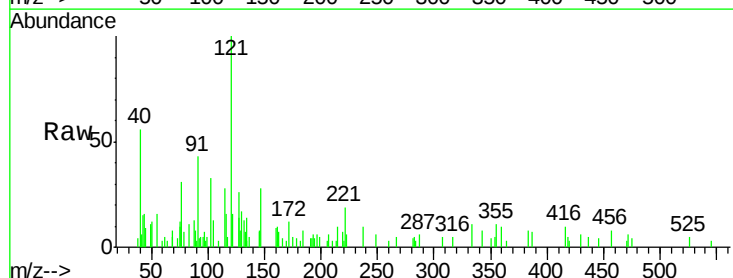
Tgt Ion:184 Resp: 150

Ion Ratio Lower Upper

184 100

63 0.0 68.6 103.0#

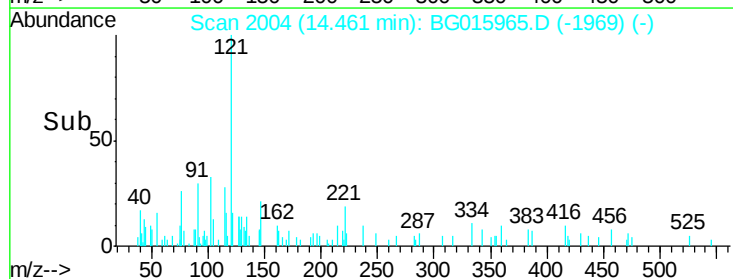
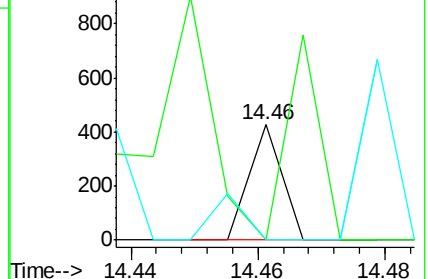
154 0.0 54.9 82.3#

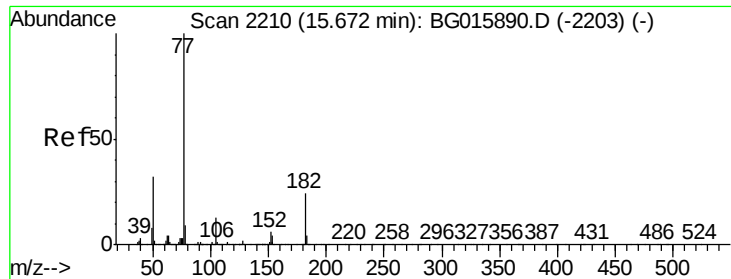


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#62

Azobenzene

Concen: 4.11 ng

RT: 15.70 min Scan# 2214

Delta R.T. 0.02 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

Instrument :

BNA_G

ClientSampleId :

275B2

Tgt Ion: 77 Resp: 167276

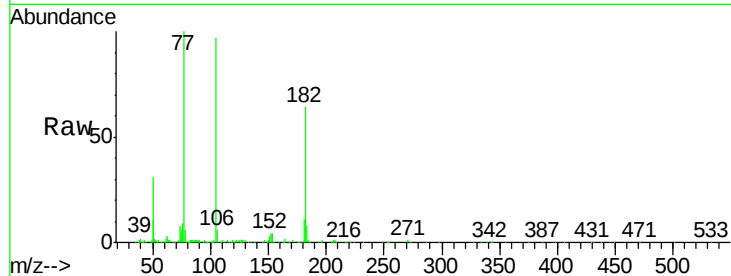
Ion Ratio Lower Upper

77 100

182 64.1 3.6 43.6#

105 97.1 0.0 32.9#

51 31.3 11.8 51.8

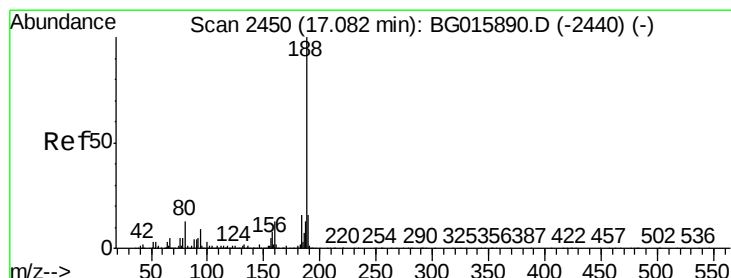
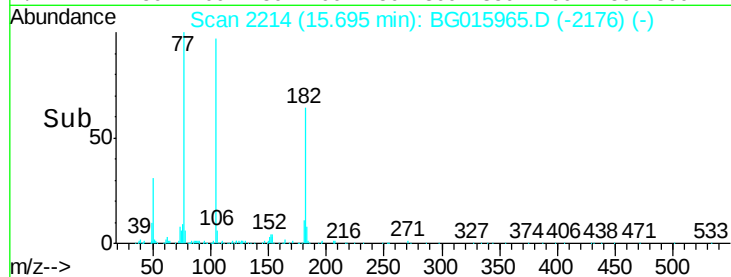
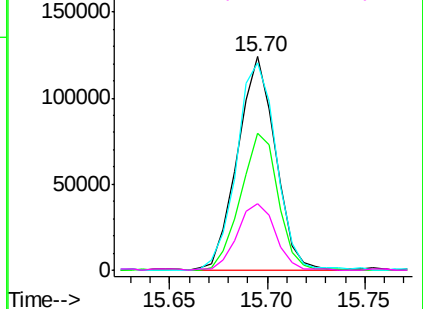


Abundance Ion 77.00 (76.70 to 77.70): BG015890.D (-2203) (-)

Ion 182.00 (181.70 to 182.70): BG015890.D (-2203) (-)

Ion 105.00 (104.70 to 105.70): BG015890.D (-2203) (-)

Ion 51.00 (50.70 to 51.70): BG015890.D (-2203) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

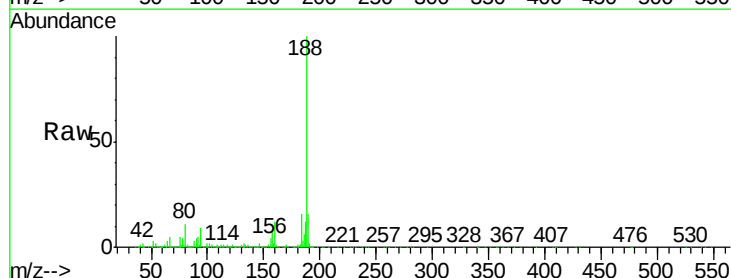
Tgt Ion: 188 Resp: 907324

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.8

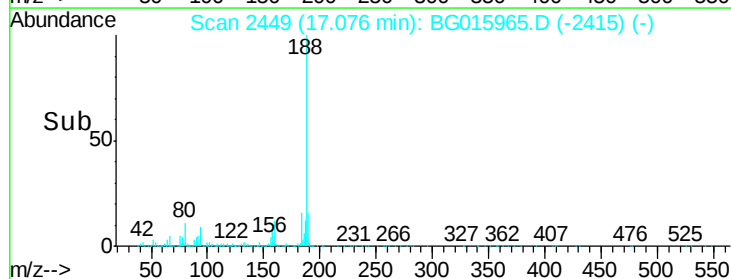
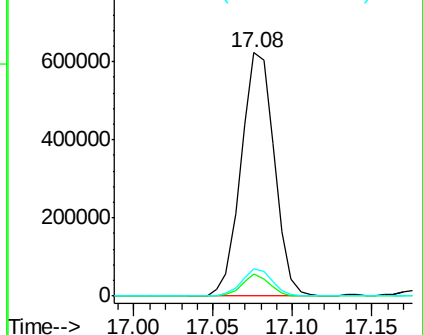
80 11.1 10.6 16.0

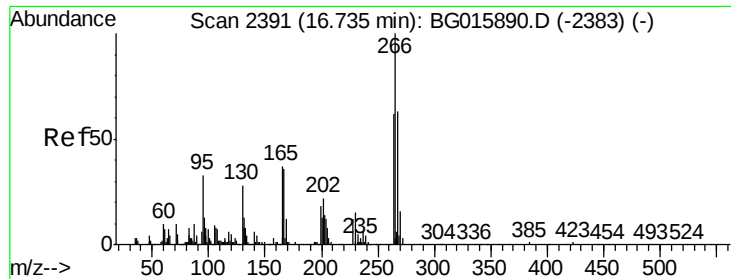


Abundance Ion 188.00 (187.70 to 188.70): BG015890.D (-2440) (-)

Ion 94.00 (93.70 to 94.70): BG015890.D (-2440) (-)

Ion 80.00 (79.70 to 80.70): BG015890.D (-2440) (-)





#69

Pentachlorophenol

Concen: 5.29 ng

RT: 16.70 min Scan# 2385

Delta R.T. -0.04 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

Instrument :

BNA_G

ClientSampleId :

275B2

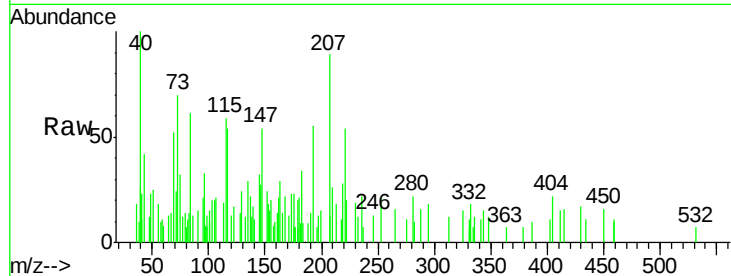
Tgt Ion:266 Resp: 389

Ion Ratio Lower Upper

266 100

268 0.0 53.5 80.3#

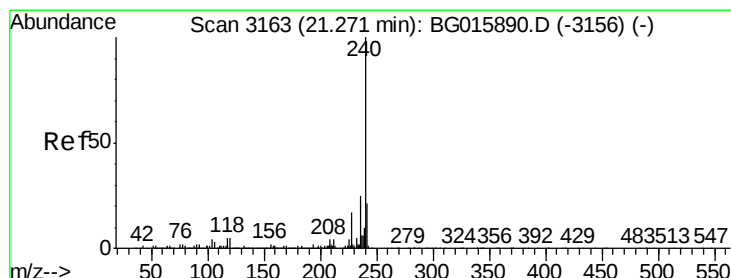
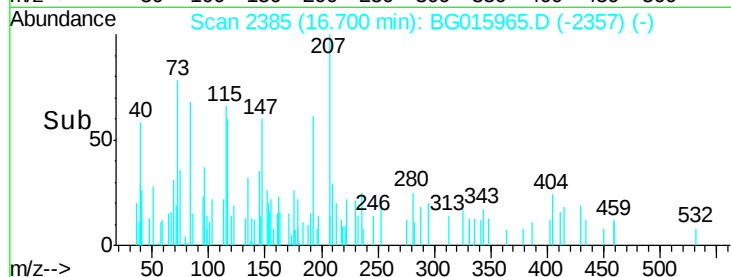
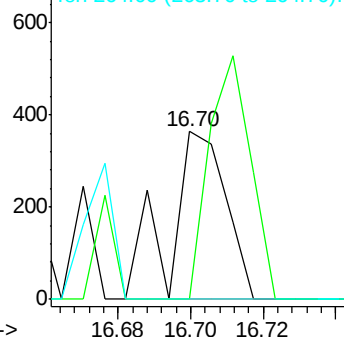
264 0.0 51.9 77.9#



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: 21.26 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

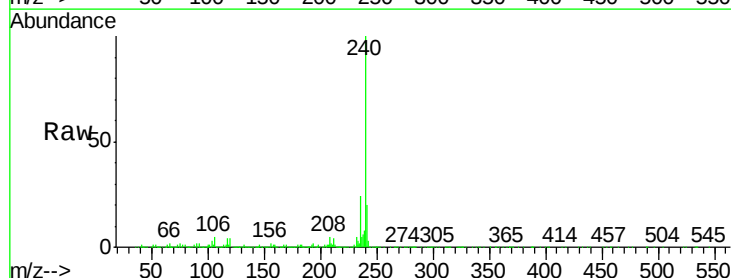
Tgt Ion:240 Resp: 1259824

Ion Ratio Lower Upper

240 100

120 3.8 3.9 5.9#

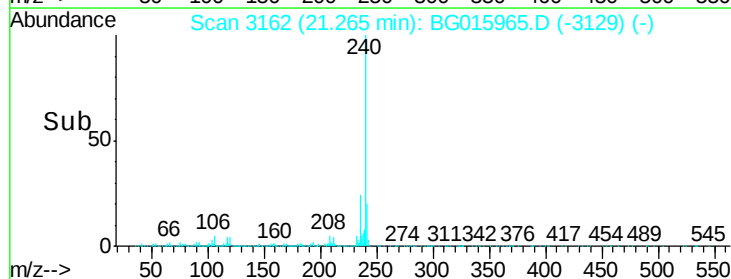
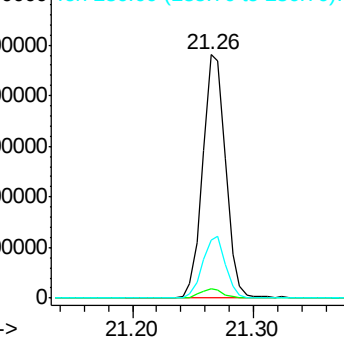
236 24.0 20.0 30.0

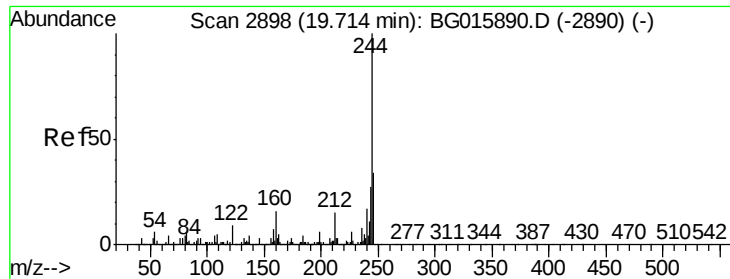


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.99 ng

RT: 19.71 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

Instrument :

BNA_G

ClientSampleID :

275B2

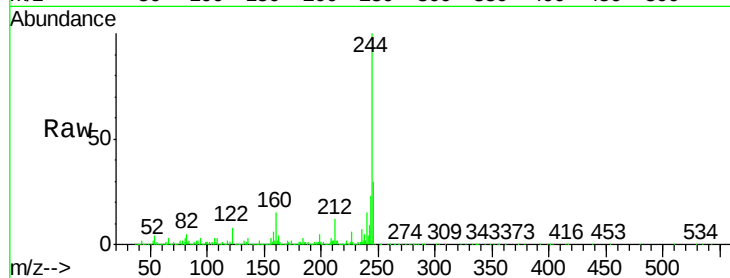
Tgt Ion:244 Resp: 3018865

Ion Ratio Lower Upper

244 100

212 12.4 11.6 17.4

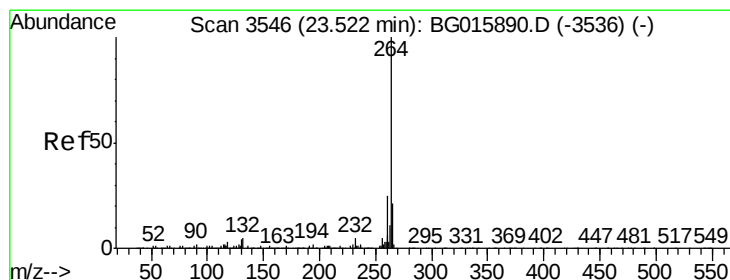
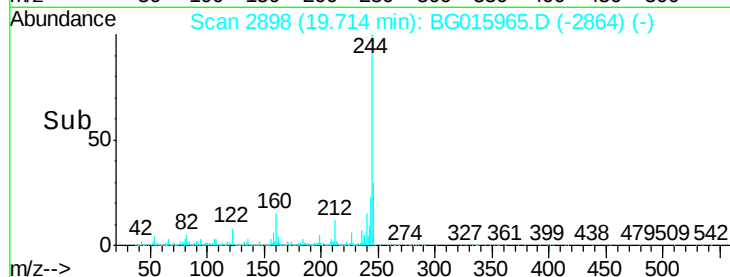
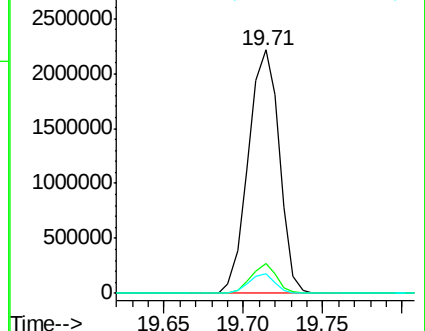
122 8.1 7.0 10.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.52 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG015965.D

Acq: 28 Jan 2015 3:10

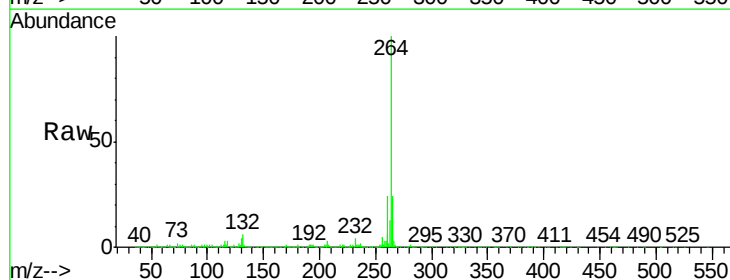
Tgt Ion:264 Resp: 1234959

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 23.7 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

