

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012615\
 Data File : BG015942.D
 Acq On : 27 Jan 2015 11:27
 Operator : TP/IZ
 Sample : G1137-05
 Misc : S
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 104B5

Quant Time: Jan 27 13:01:45 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

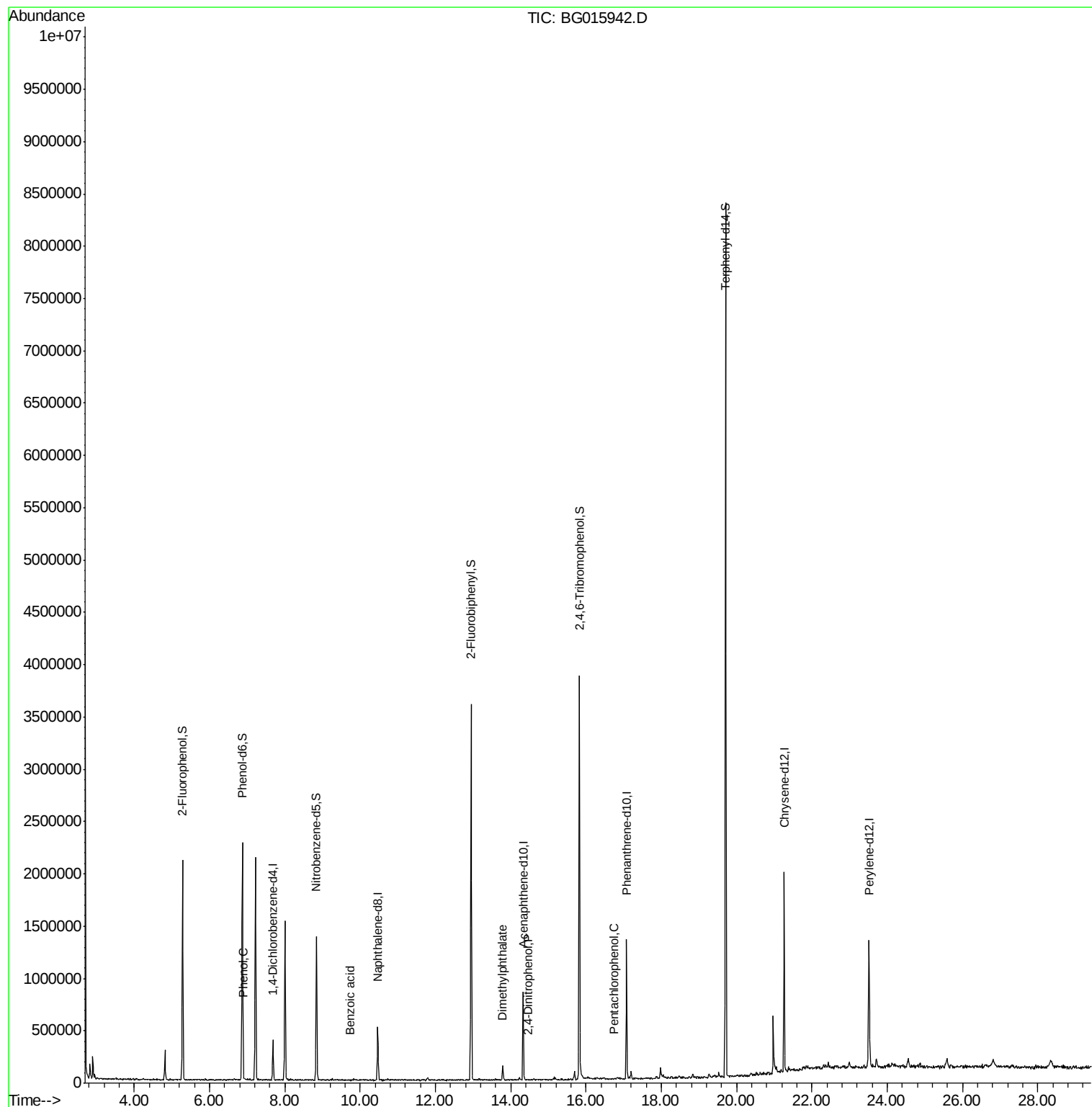
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	79843	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	305569	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	258152	20.00	ng	-0.01
63) Phenanthrene-d10	17.08	188	711999	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1004757	20.00	ng	0.00
86) Perylene-d12	23.52	264	985346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	684119	127.60	ng	0.00
7) Phenol-d6	6.87	99	1099570	127.26	ng	0.00
23) Nitrobenzene-d5	8.84	82	850774	80.26	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	666419	141.01	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1538845	93.53	ng	0.00
78) Terphenyl-d14	19.71	244	3136462	91.19	ng	0.00
Target Compounds						
10) Phenol	6.90	94	35186	3.57	ng	Qvalue 91
32) Benzoic acid	9.75	122	216	10.41	ng	# 33
49) Dimethylphthalate	13.79	163	71191	3.83	ng	# 91
53) 2,4-Dinitrophenol	14.47	184	72	4.53	ng	# 10
69) Pentachlorophenol	16.74	266	824	5.40	ng	# 17
80) Benzo(a)anthracene	21.27	228	4598	Below Cal		# 64

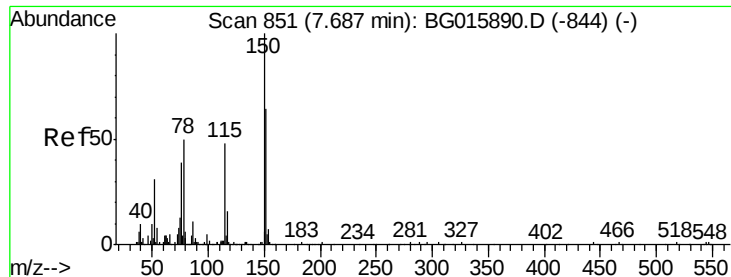
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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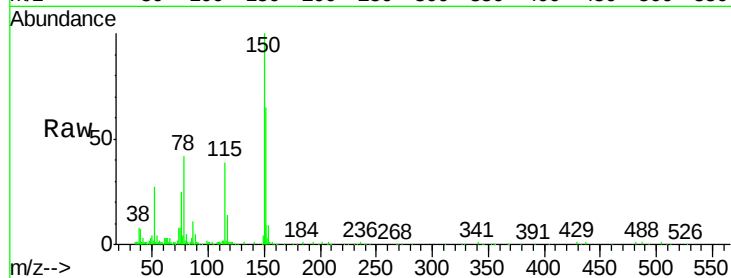


#1

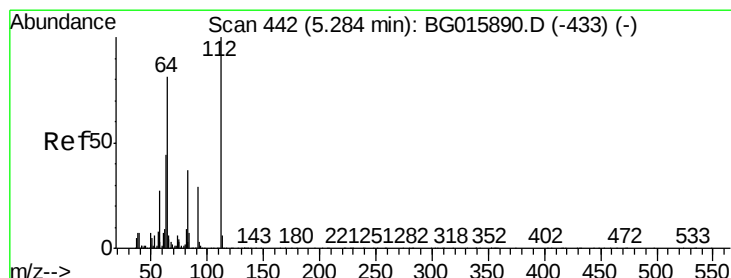
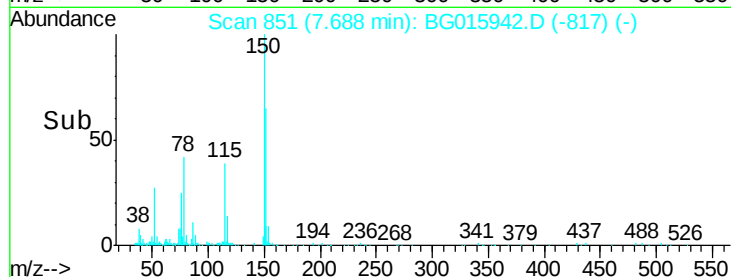
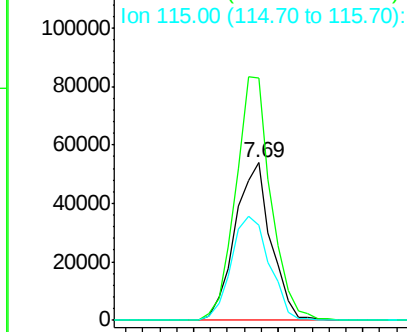
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015942.D
Acq: 27 Jan 2015 11:27

Instrument :
BNA_G
ClientSampleId :
104B5

Tgt Ion:152 Resp: 79843
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 60.4 60.4 90.6#



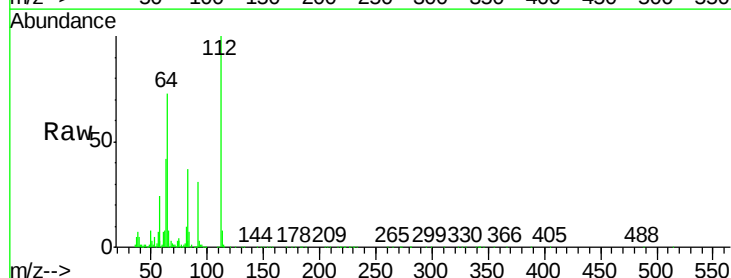
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



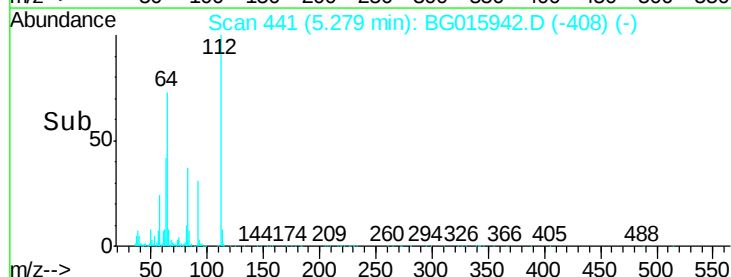
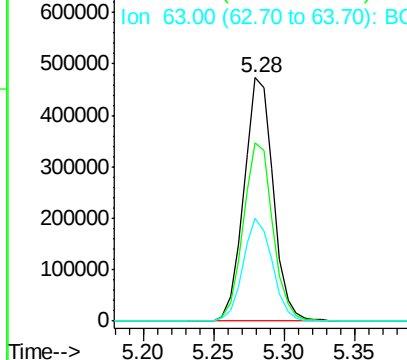
#5

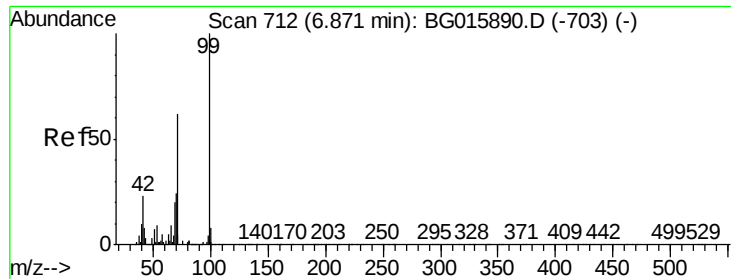
2-Fluorophenol
Concen: 127.60 ng
RT: 5.28 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG015942.D
Acq: 27 Jan 2015 11:27

Tgt Ion:112 Resp: 684119
Ion Ratio Lower Upper
112 100
64 73.1 64.4 96.6
63 42.0 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: 127.26 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015942.D

Acq: 27 Jan 2015 11:27

Instrument :

BNA_G

ClientSampleId :

104B5

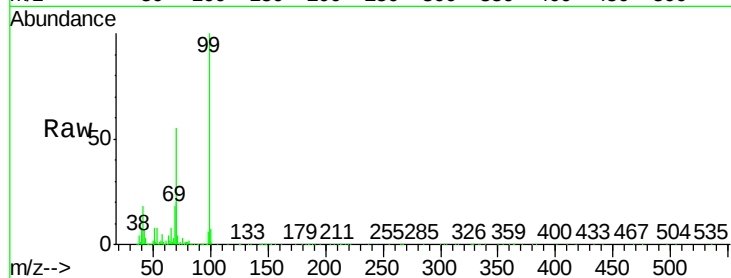
Tgt Ion: 99 Resp: 1099570

Ion Ratio Lower Upper

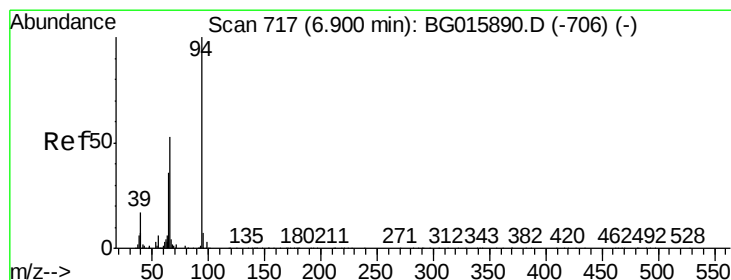
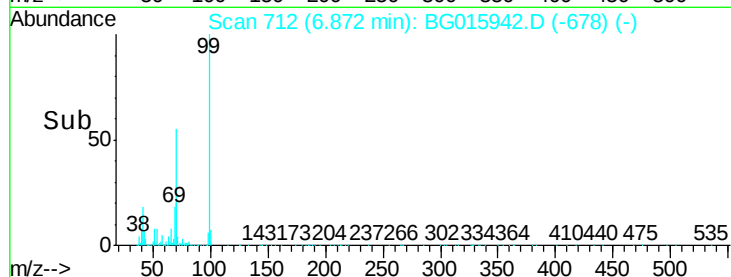
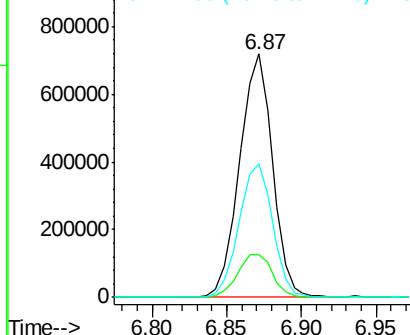
99 100

42 17.6 18.1 27.1#

71 54.9 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



#10

Phenol

Concen: 3.57 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG015942.D

Acq: 27 Jan 2015 11:27

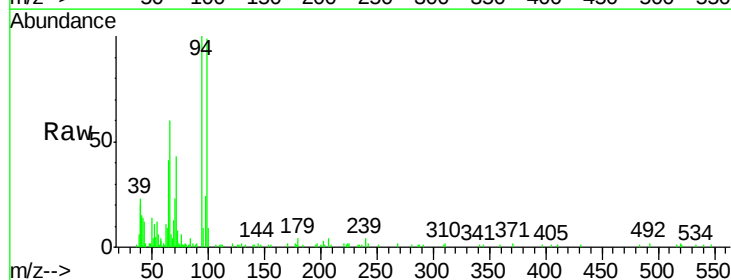
Tgt Ion: 94 Resp: 35186

Ion Ratio Lower Upper

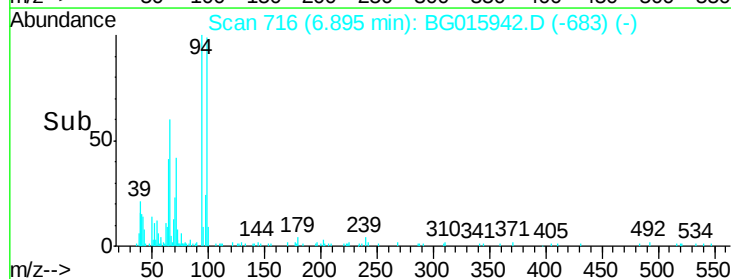
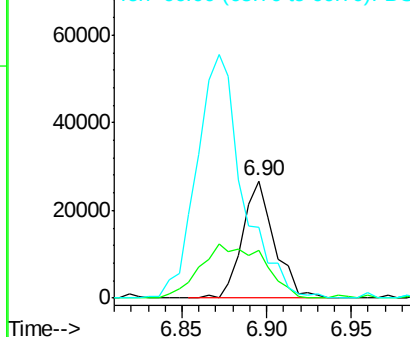
94 100

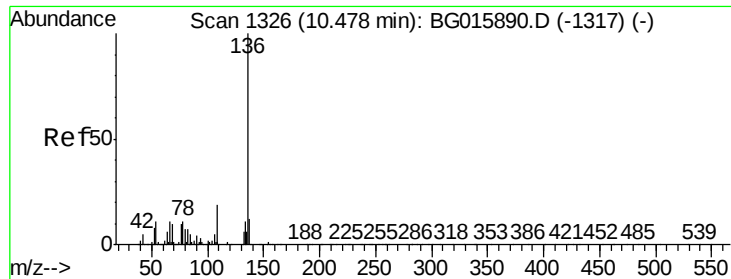
65 41.1 16.5 56.5

66 60.3 33.3 73.3



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

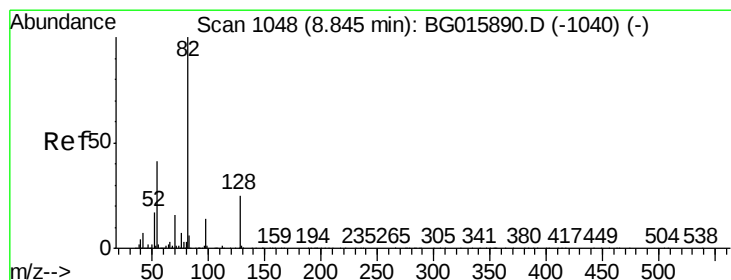
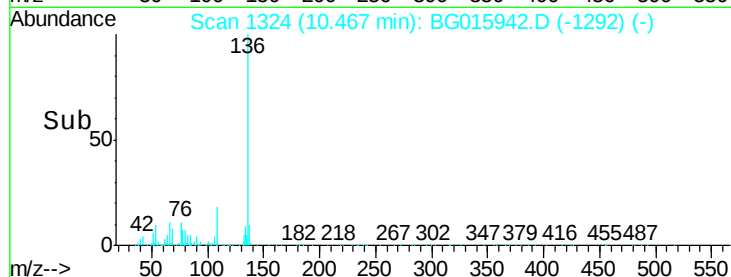
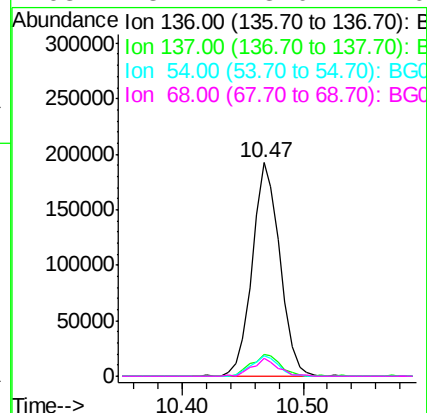
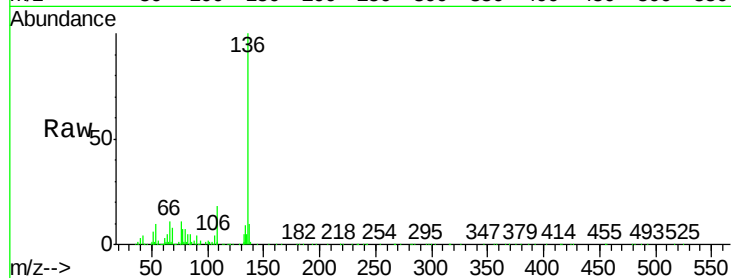




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG015942.D
Acq: 27 Jan 2015 11:27

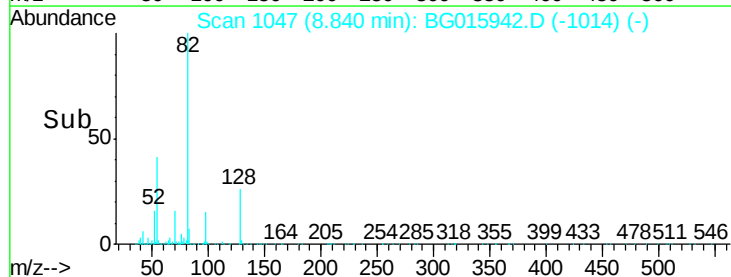
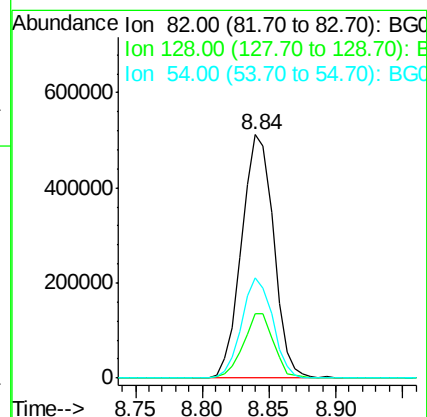
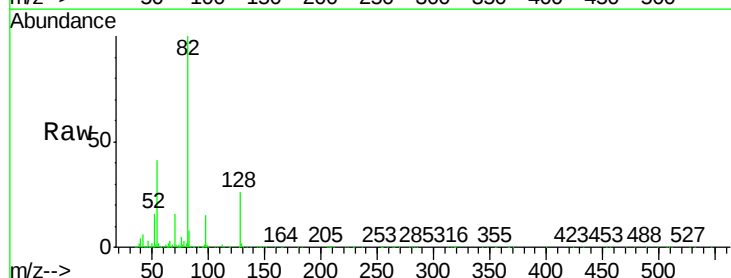
Instrument :
BNA_G
ClientSampled :
104B5

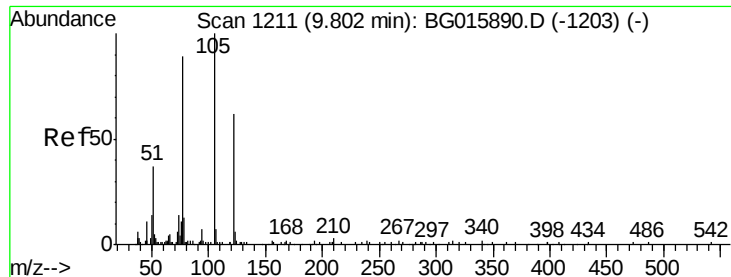
Tgt Ion:	136	Resp:	305569
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.7	14.5
54	9.9	8.5	12.7
68	8.4	8.0	12.0



#23
Nitrobenzene-d5
Concen: 80.26 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015942.D
Acq: 27 Jan 2015 11:27

Tgt Ion:	82	Resp:	850774
Ion	Ratio	Lower	Upper
82	100		
128	26.5	19.8	29.8
54	41.0	33.0	49.4

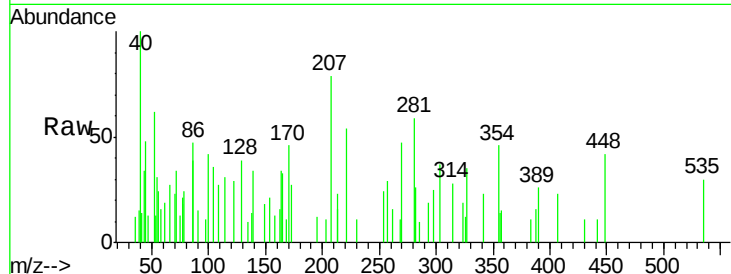




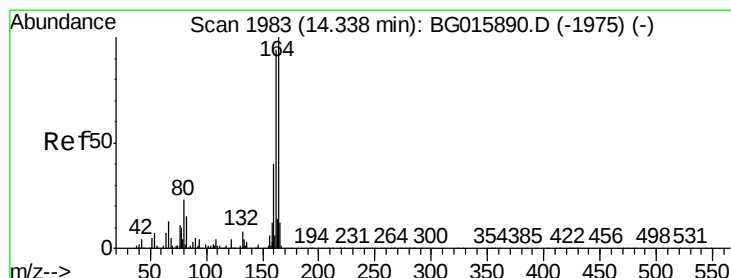
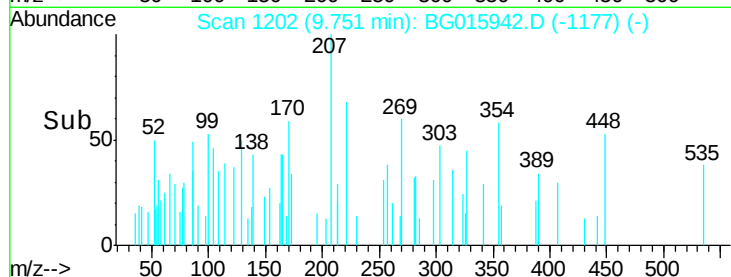
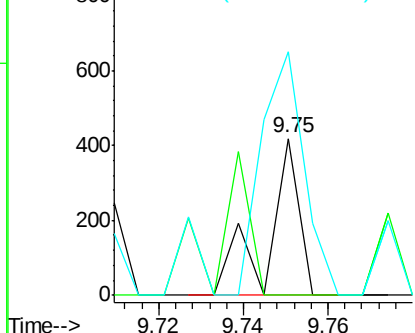
#32
Benzoic acid
Concen: 10.41 ng
RT: 9.75 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BG015942.D
Acq: 27 Jan 2015 11:27

Instrument :
BNA_G
ClientSampleId :
104B5

Tgt Ion:122 Resp: 216
Ion Ratio Lower Upper
122 100
105 0.0 140.2 180.2#
77 155.4 126.4 166.4

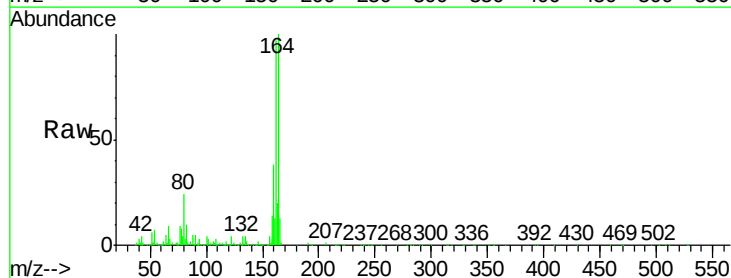


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

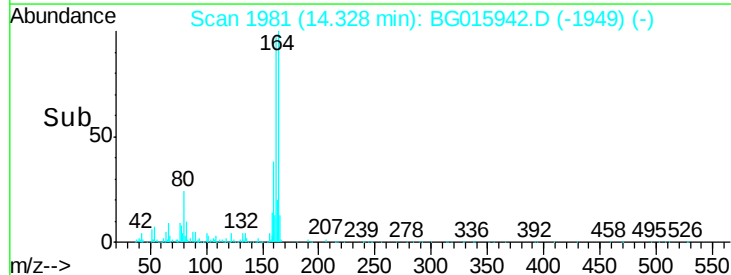
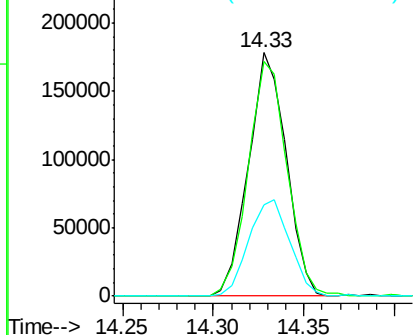


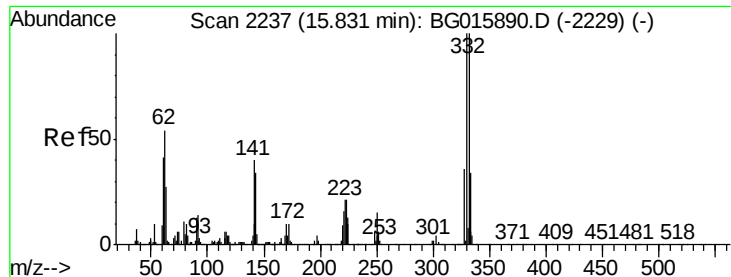
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015942.D
Acq: 27 Jan 2015 11:27

Tgt Ion:164 Resp: 258152
Ion Ratio Lower Upper
164 100
162 96.5 75.1 112.7
160 37.6 32.3 48.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

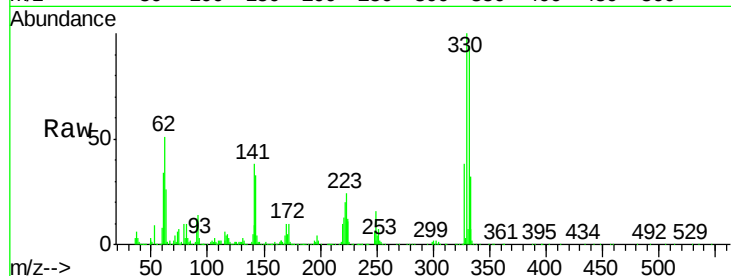




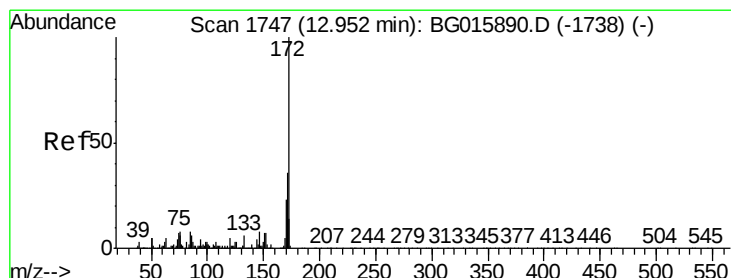
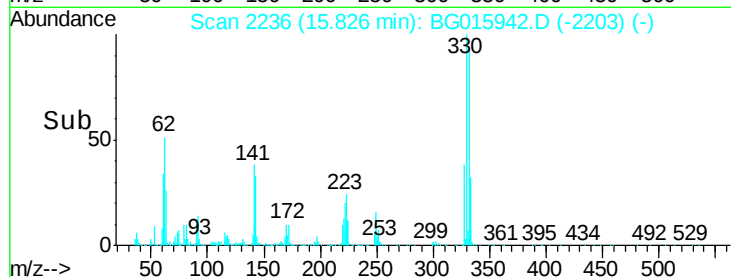
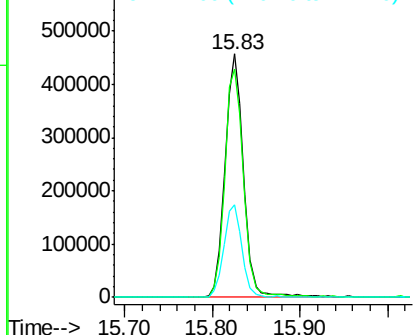
#41
2,4,6-Tribromophenol
Concen: 141.01 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG015942.D
Acq: 27 Jan 2015 11:27

Instrument :
BNA_G
ClientSampleId :
104B5

Tgt Ion:330 Resp: 666419
Ion Ratio Lower Upper
330 100
332 95.0 75.4 113.0
141 37.2 33.0 49.6

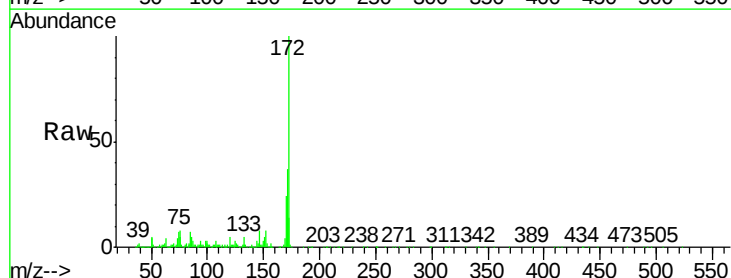


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

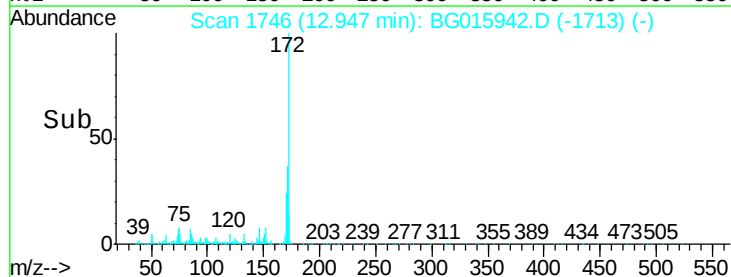
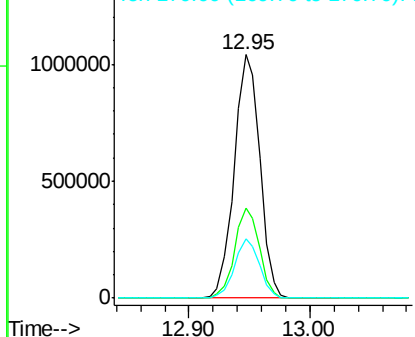


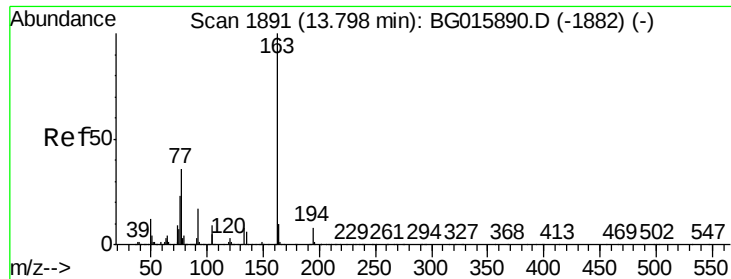
#44
2-Fluorobiphenyl
Concen: 93.53 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015942.D
Acq: 27 Jan 2015 11:27

Tgt Ion:172 Resp: 1538845
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 24.1 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: 3.83 ng

RT: 13.79 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG015942.D

Acq: 27 Jan 2015 11:27

Instrument :

BNA_G

ClientSampleId :

104B5

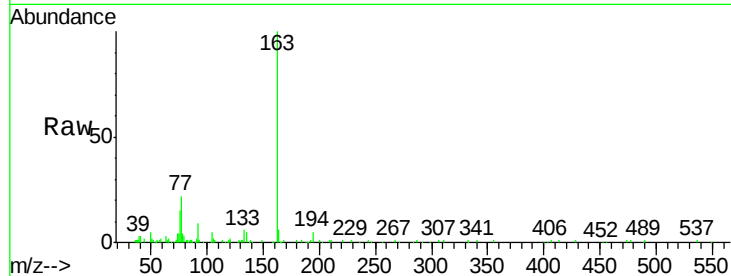
Tgt Ion:163 Resp: 71191

Ion Ratio Lower Upper

163 100

194 5.2 6.2 9.4#

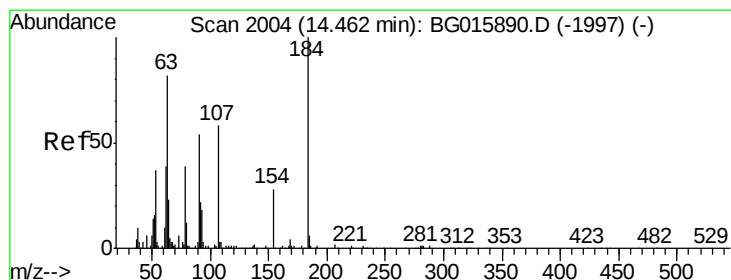
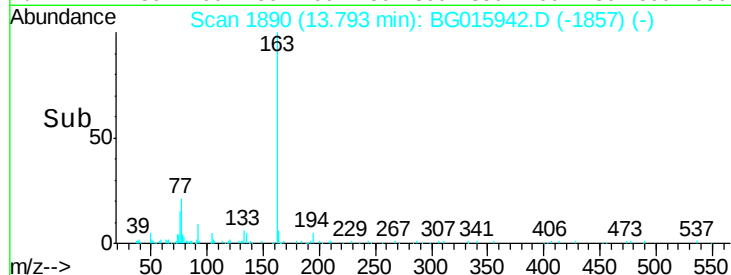
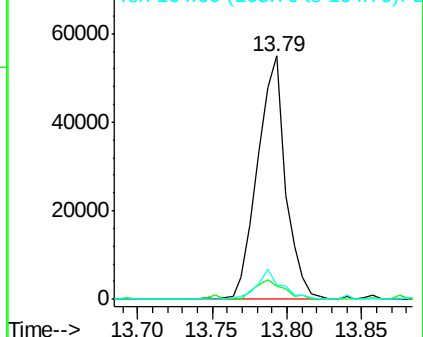
164 6.2 8.0 12.0#



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: 4.53 ng

RT: 14.47 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BG015942.D

Acq: 27 Jan 2015 11:27

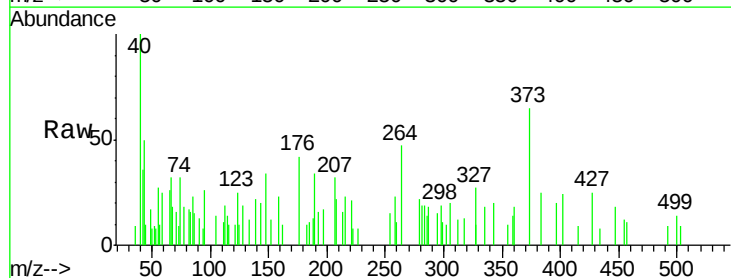
Tgt Ion:184 Resp: 72

Ion Ratio Lower Upper

184 100

63 0.0 68.6 103.0#

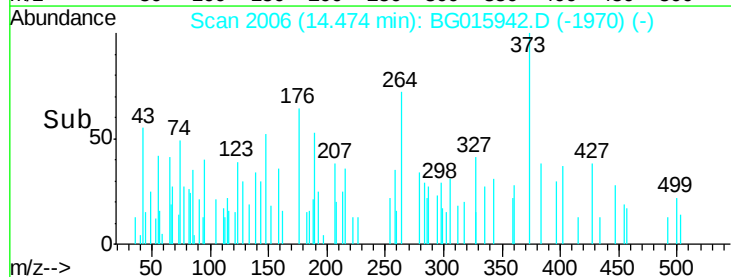
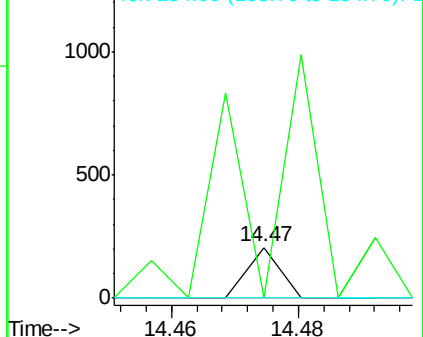
154 0.0 54.9 82.3#

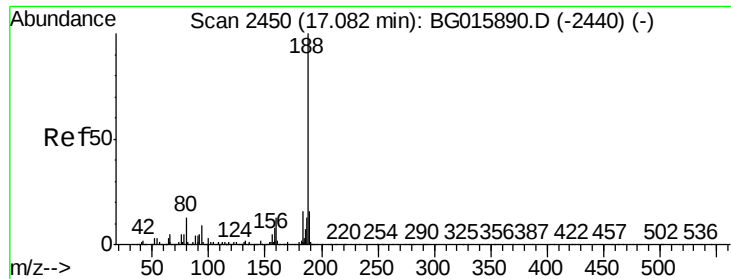


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG015942.D

Acq: 27 Jan 2015 11:27

Instrument :

BNA_G

ClientSampleId :

104B5

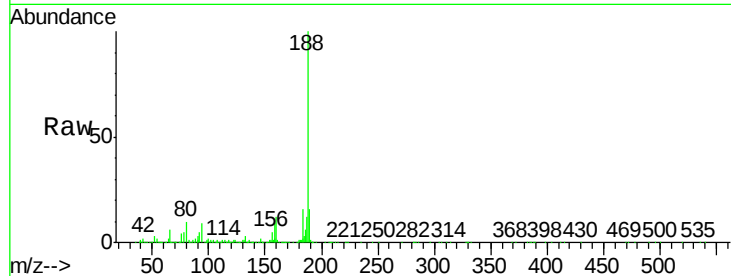
Tgt Ion:188 Resp: 711999

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.8

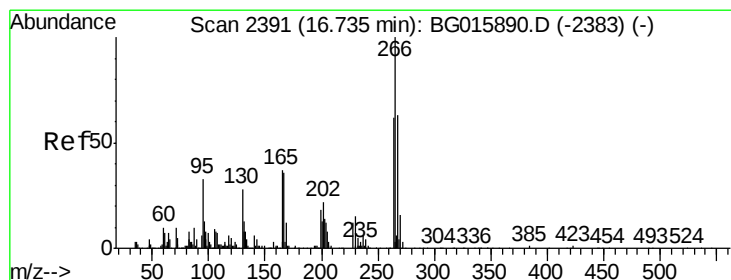
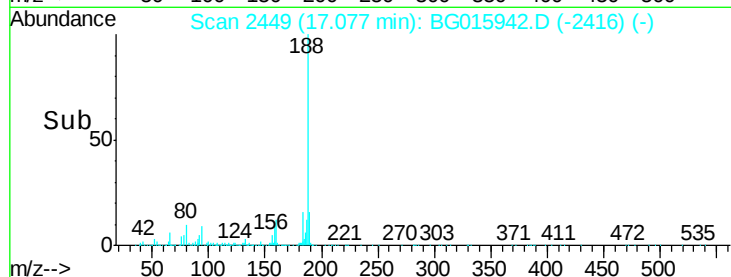
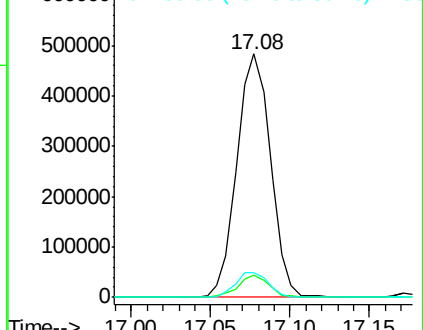
80 10.4 10.6 16.0#



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: 5.40 ng

RT: 16.74 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BG015942.D

Acq: 27 Jan 2015 11:27

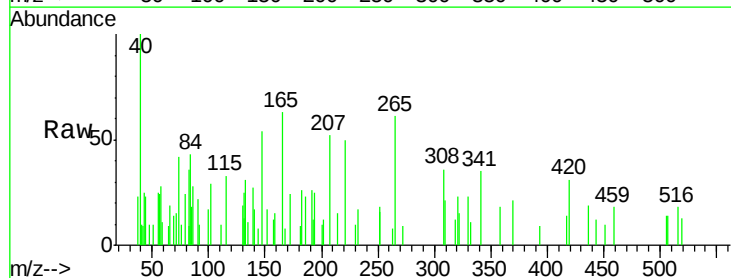
Tgt Ion:266 Resp: 824

Ion Ratio Lower Upper

266 100

268 0.0 53.5 80.3#

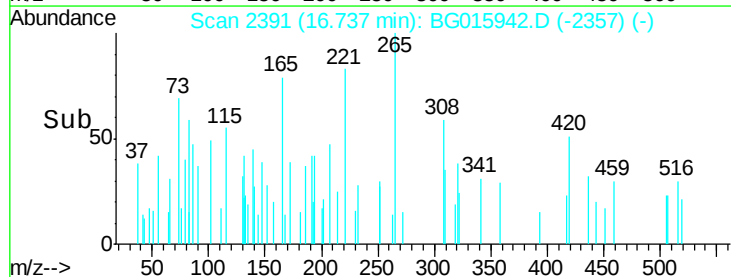
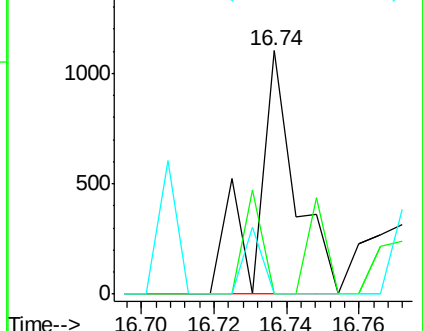
264 0.0 51.9 77.9#

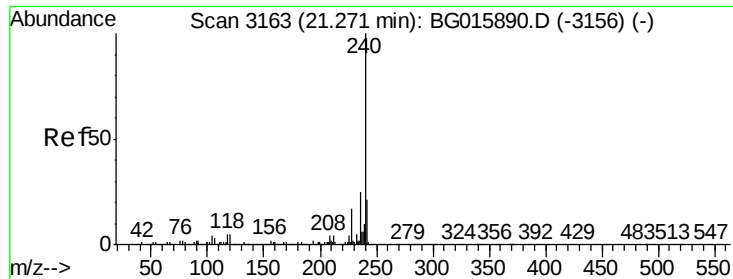


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG015942.D

Acq: 27 Jan 2015 11:27

Instrument :

BNA_G

ClientSampleId :

104B5

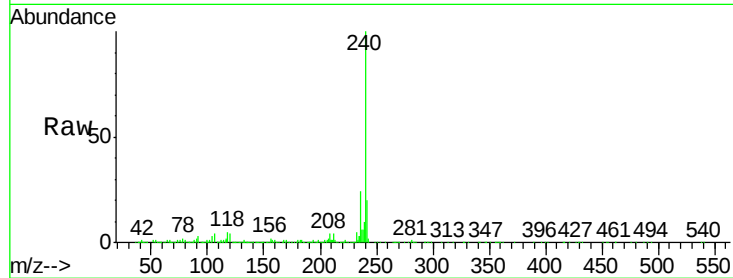
Tgt Ion:240 Resp: 1004757

Ion Ratio Lower Upper

240 100

120 4.0 3.9 5.9

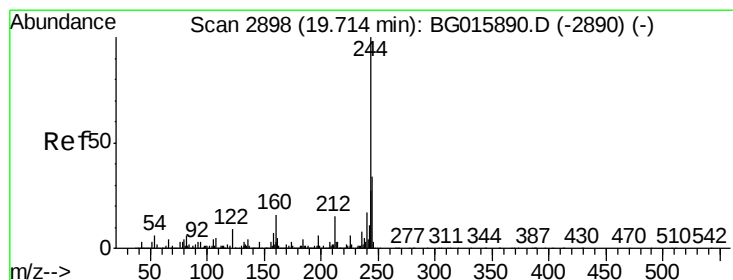
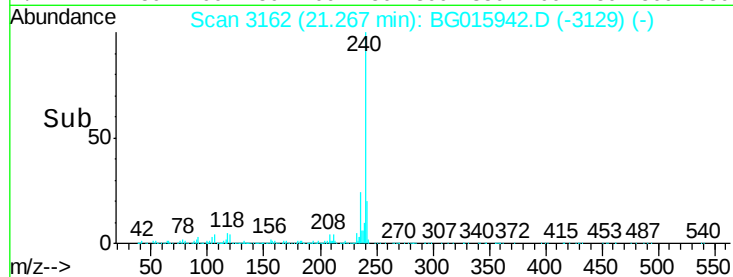
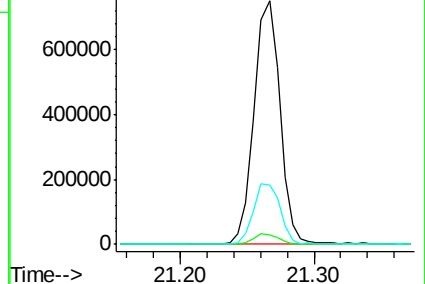
236 24.2 20.0 30.0



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



#78

Terphenyl-d14

Concen: 91.19 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015942.D

Acq: 27 Jan 2015 11:27

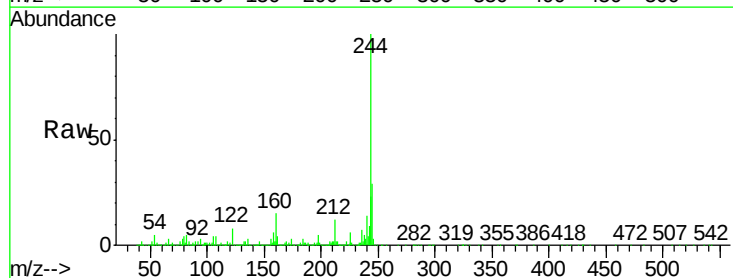
Tgt Ion:244 Resp: 3136462

Ion Ratio Lower Upper

244 100

212 12.0 11.6 17.4

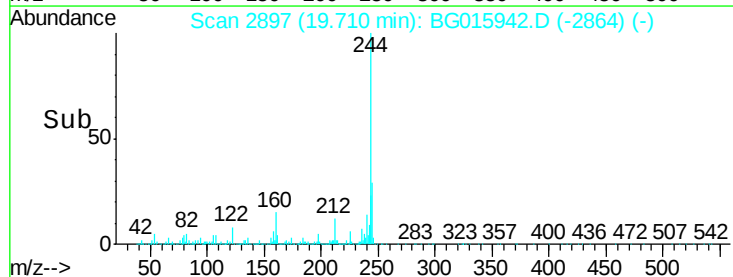
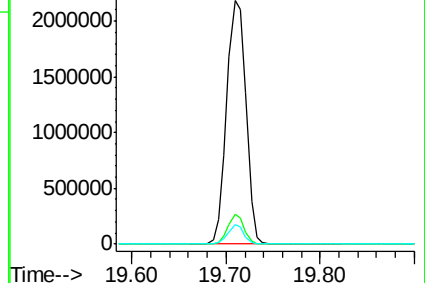
122 7.9 7.0 10.4

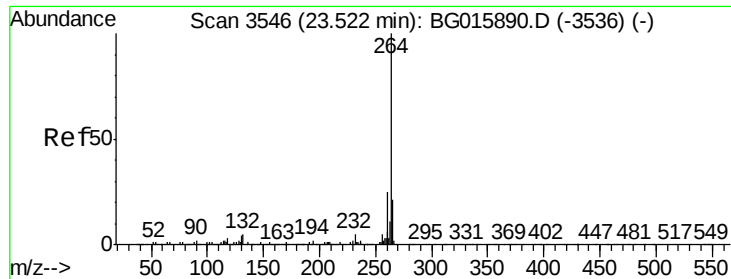


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3545
Delta R.T. -0.00 min
Lab File: BG015942.D
Acq: 27 Jan 2015 11:27

Instrument :
BNA_G
ClientSampleId :
104B5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	22.9	17.3	25.9

