

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015921.D
 Acq On : 26 Jan 2015 20:54
 Operator : TP/IZ
 Sample : G1159-02
 Misc : S
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-73(28-30)

Quant Time: Jan 27 02:32:03 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

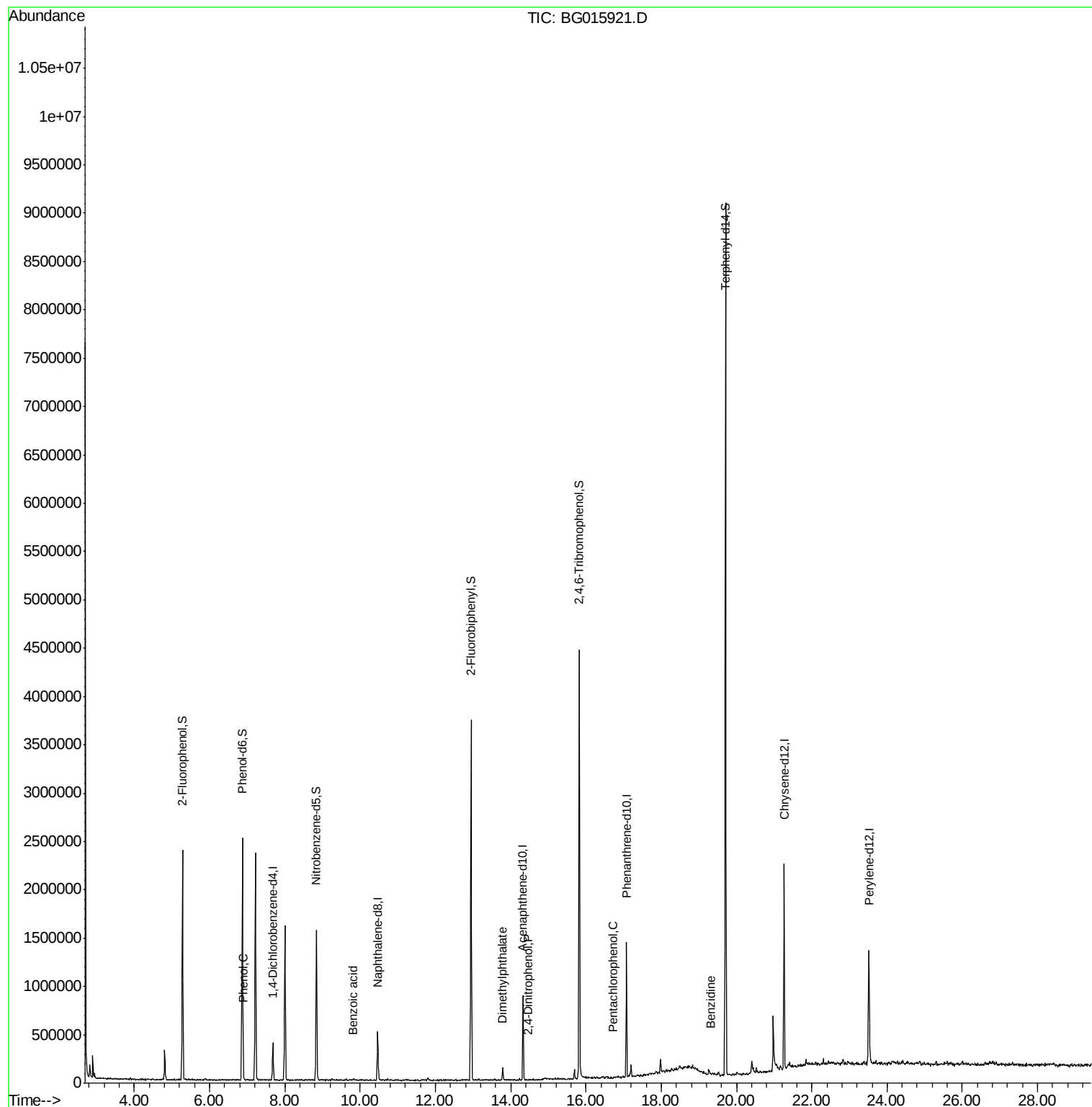
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	70137	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	296419	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	257550	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	717124	20.00	ng	0.00
75) Chrysene-d12	21.26	240	1018218	20.00	ng	0.00
86) Perylene-d12	23.52	264	955324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	721665	153.23	ng	0.00
7) Phenol-d6	6.87	99	1192199	157.08	ng	0.00
23) Nitrobenzene-d5	8.84	82	960650	93.42	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	707375	150.03	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1565421	95.37	ng	0.00
78) Terphenyl-d14	19.71	244	3257426	95.00	ng	0.00
Target Compounds						
10) Phenol	6.90	94	43226	5.00	ng	90
32) Benzoic acid	9.81	122	121	10.34	ng	# 1
49) Dimethylphthalate	13.79	163	67438	3.64	ng	# 97
53) 2,4-Dinitrophenol	14.45	184	159	4.57	ng	# 1
69) Pentachlorophenol	16.73	266	322	5.29	ng	# 17
76) Benzidine	19.31	184	461	2.01	ng	# 39
80) Benzo(a)anthracene	21.26	228	3499	Below Cal		# 63

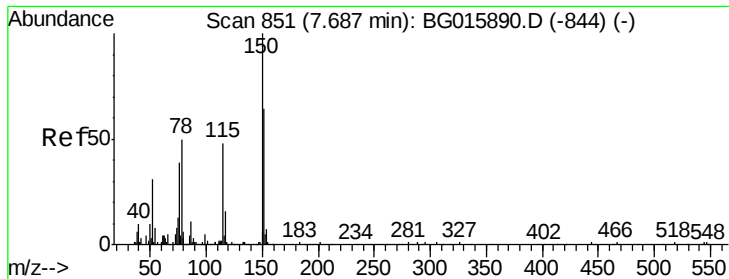
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015921.D
Acq On : 26 Jan 2015 20:54
Operator : TP/IZ
Sample : G1159-02
Misc : S
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-73(28-30)

Quant Time: Jan 27 02:32:03 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



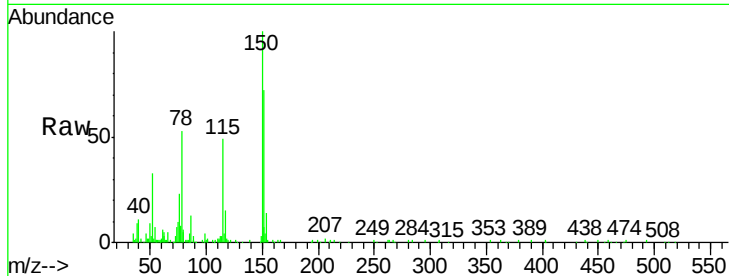


#1

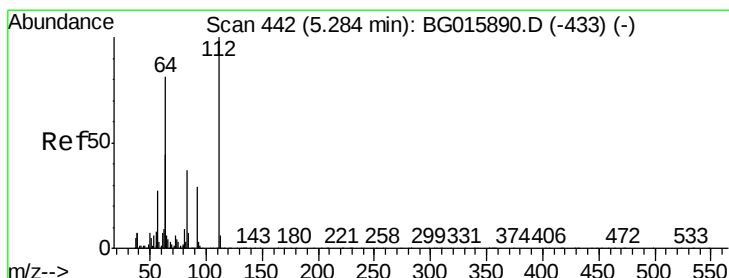
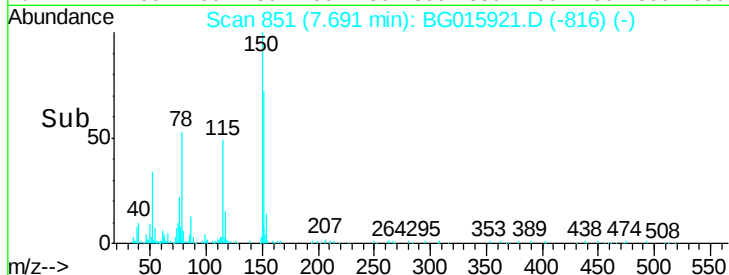
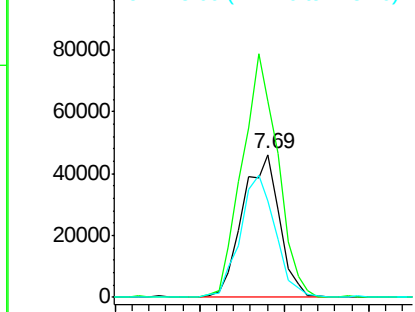
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

Instrument :
BNA_G
ClientSampleId :
SB-73(28-30)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	138.0	124.5	186.7
115	67.3	60.4	90.6



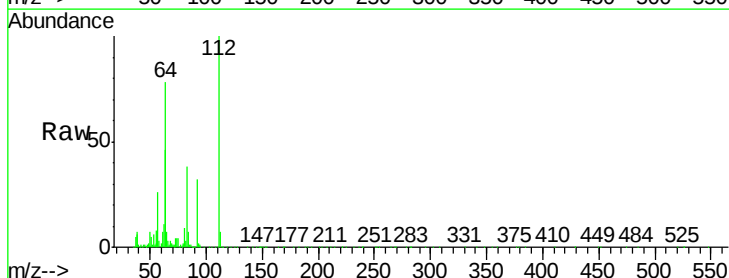
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



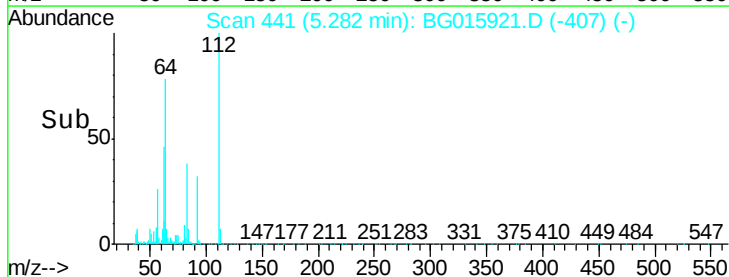
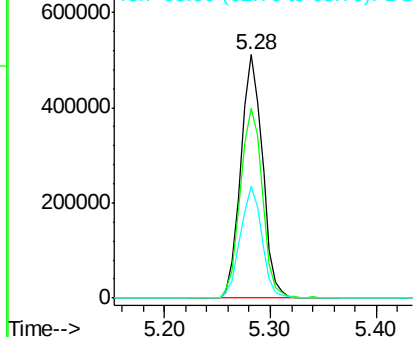
#5

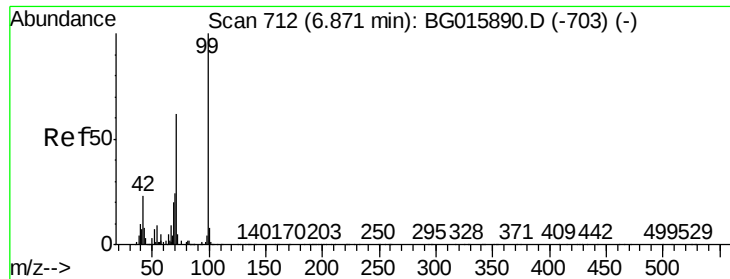
2-Fluorophenol
Concen: 153.23 ng
RT: 5.28 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.0	64.4	96.6
63	46.0	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: 157.08 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

Instrument :

BNA_G

ClientSampleId :

SB-73(28-30)

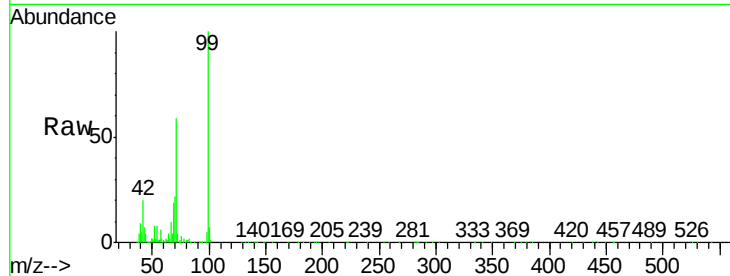
Tgt Ion: 99 Resp: 1192199

Ion Ratio Lower Upper

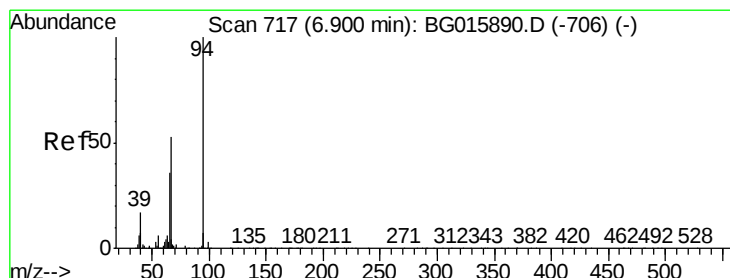
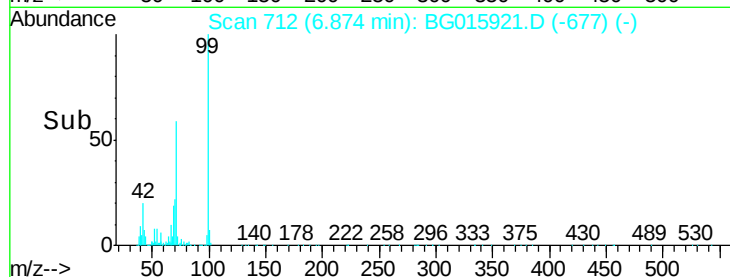
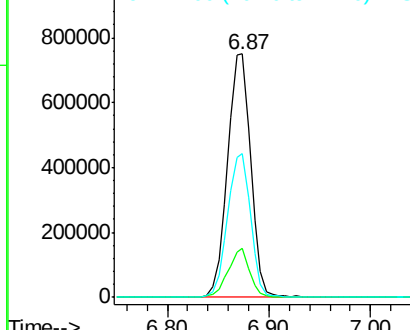
99 100

42 20.2 18.1 27.1

71 58.8 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: 5.00 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

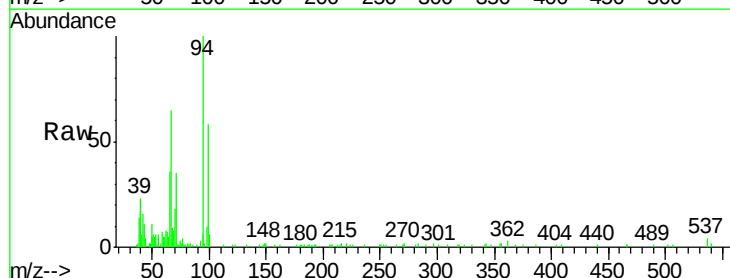
Tgt Ion: 94 Resp: 43226

Ion Ratio Lower Upper

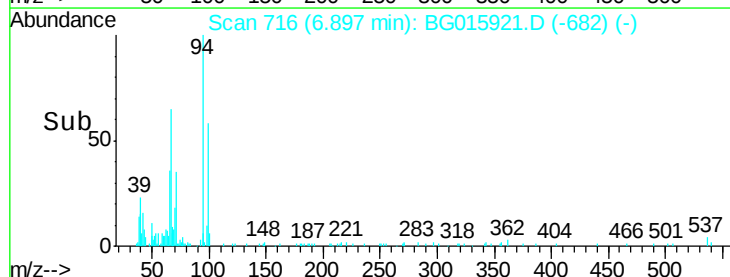
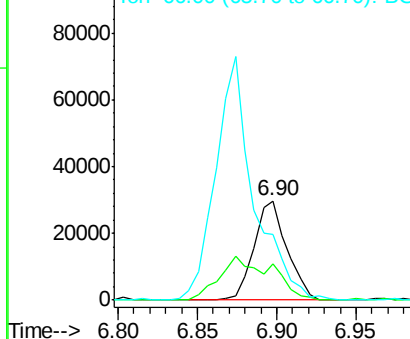
94 100

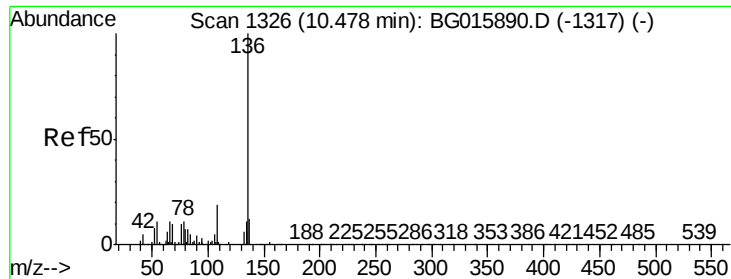
65 36.2 16.5 56.5

66 65.5 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

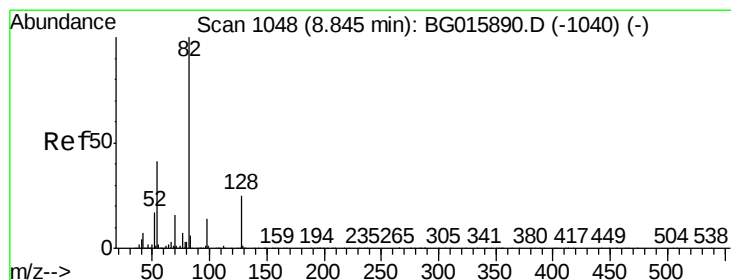
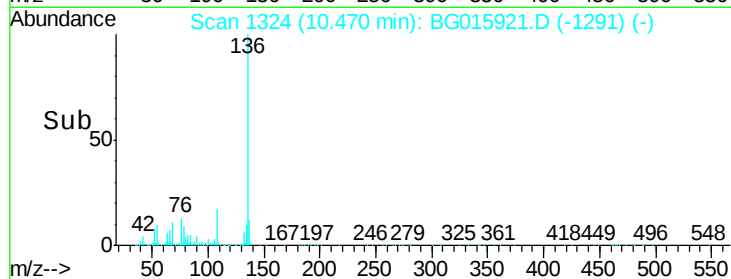
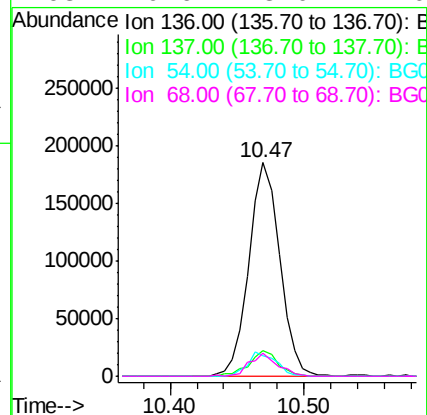
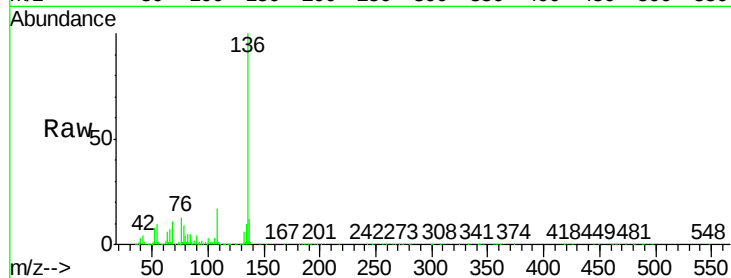




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

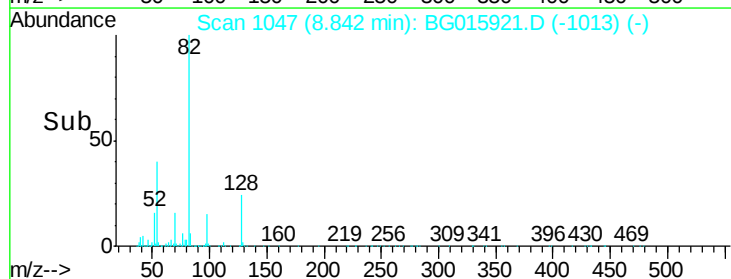
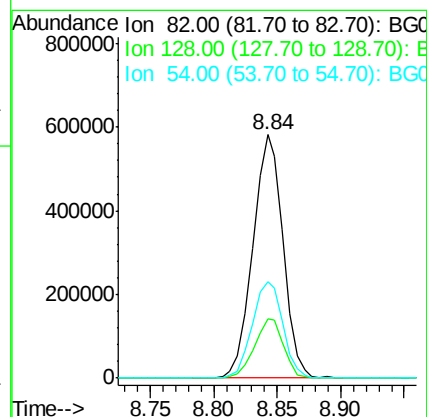
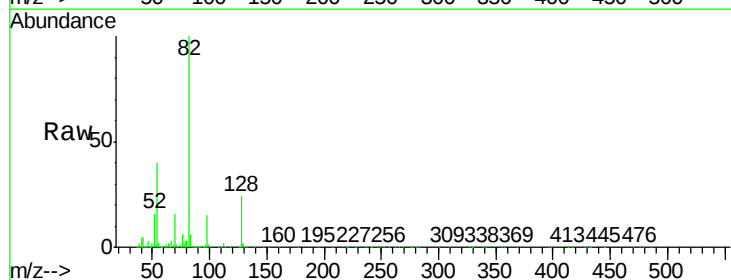
Instrument :
BNA_G
ClientSampleId :
SB-73(28-30)

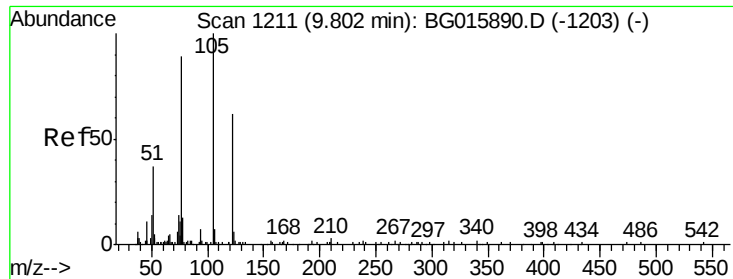
Tgt Ion:	136	Resp:	296419
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	9.7	8.5	12.7
68	10.6	8.0	12.0



#23
Nitrobenzene-d5
Concen: 93.42 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

Tgt Ion:	82	Resp:	960650
Ion	Ratio	Lower	Upper
82	100		
128	24.3	19.8	29.8
54	39.7	33.0	49.4

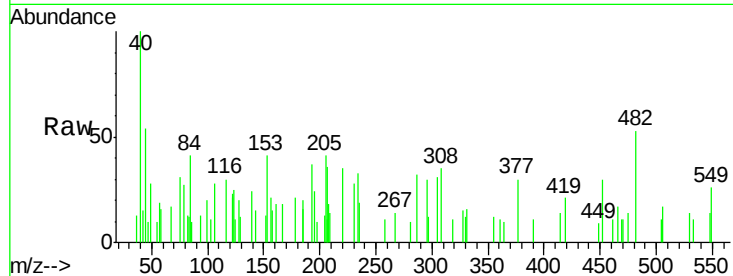




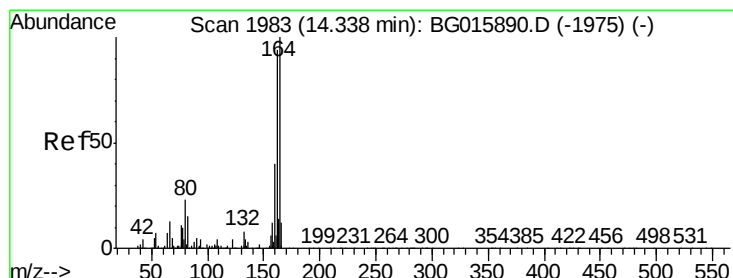
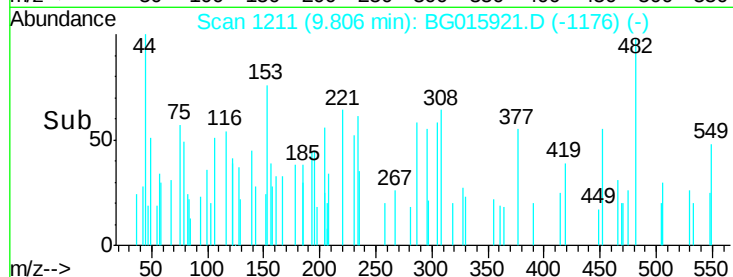
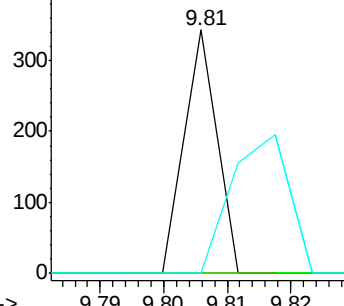
#32
Benzoic acid
Concen: 10.34 ng
RT: 9.81 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

Instrument :
BNA_G
ClientSampleId :
SB-73(28-30)

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

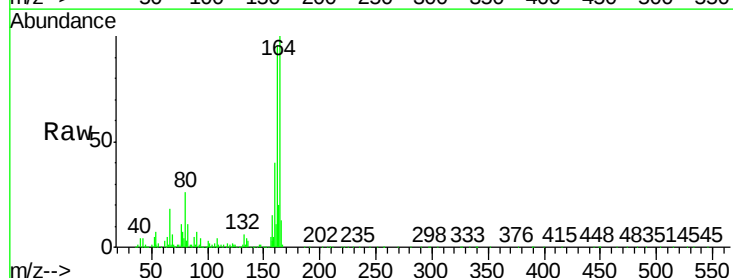


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

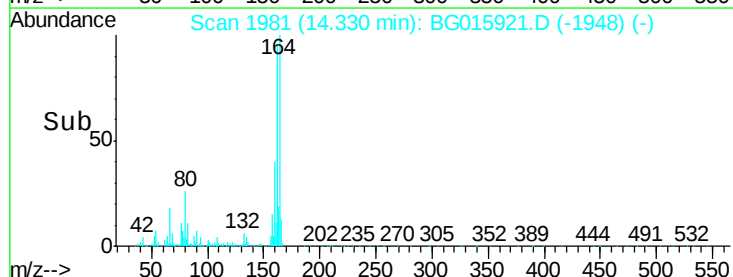
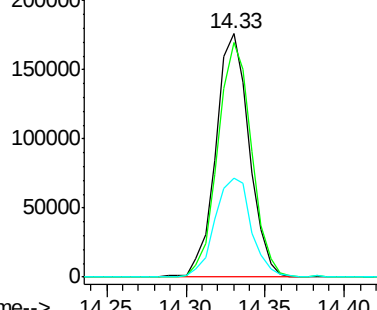


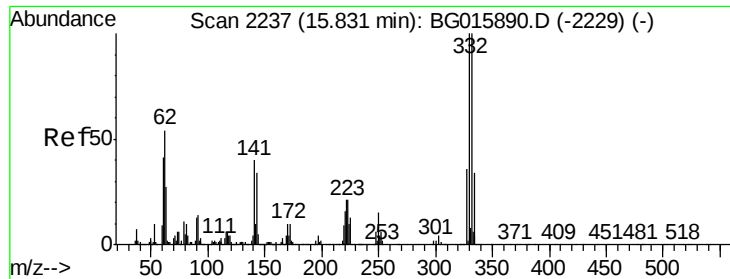
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	75.1	112.7
160	40.4	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

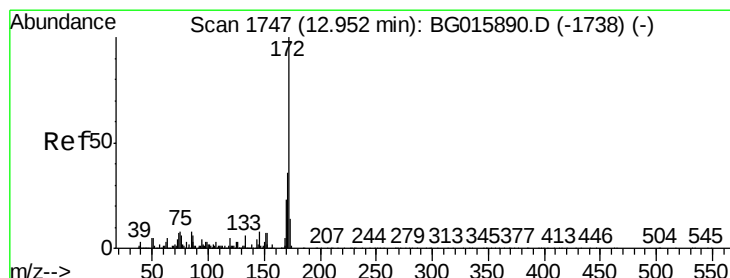
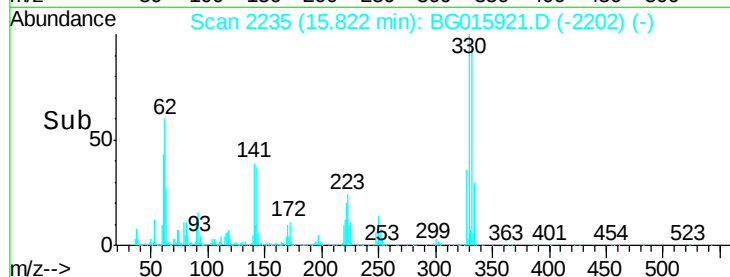
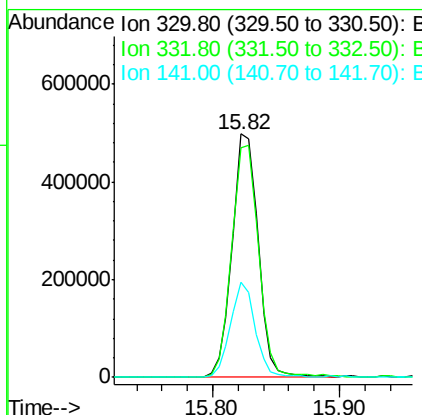
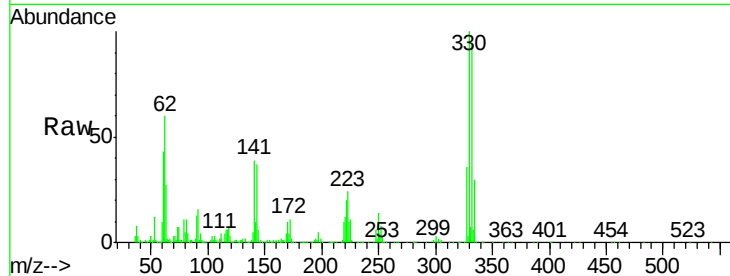




#41
 2,4,6-Tribromophenol
 Concen: 150.03 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG015921.D
 Acq: 26 Jan 2015 20:54

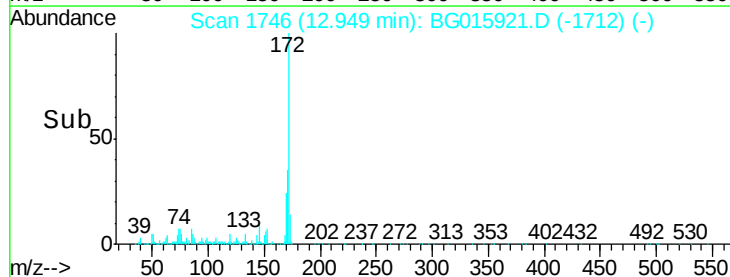
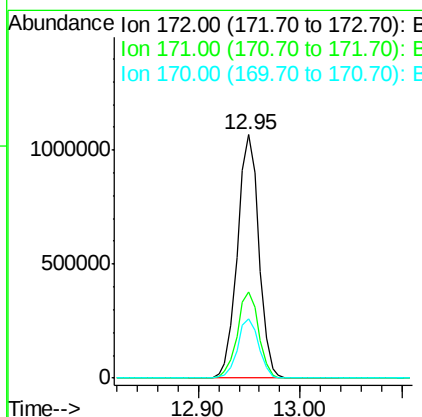
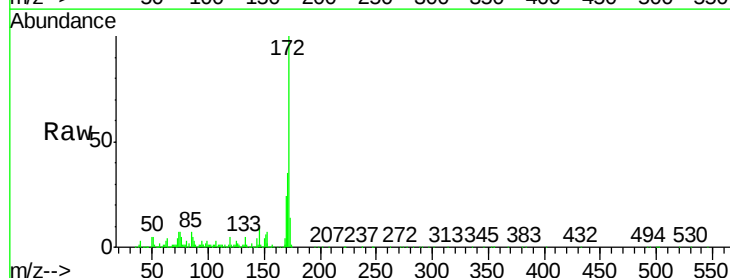
Instrument :
 BNA_G
 ClientSampleId :
 SB-73(28-30)

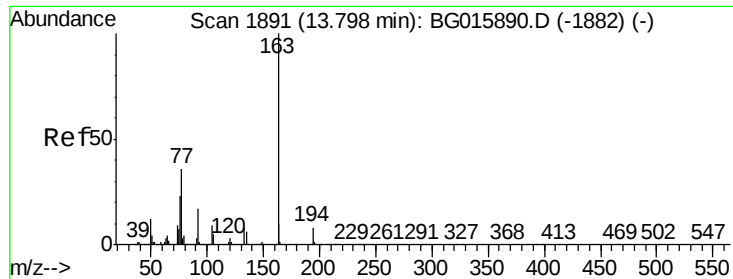
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	75.4	113.0
141	37.3	33.0	49.6



#44
 2-Fluorobiphenyl
 Concen: 95.37 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG015921.D
 Acq: 26 Jan 2015 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.2	43.8
170	24.2	18.6	27.8





#49

Dimethylphthalate

Concen: 3.64 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

Instrument :

BNA_G

ClientSampleId :

SB-73(28-30)

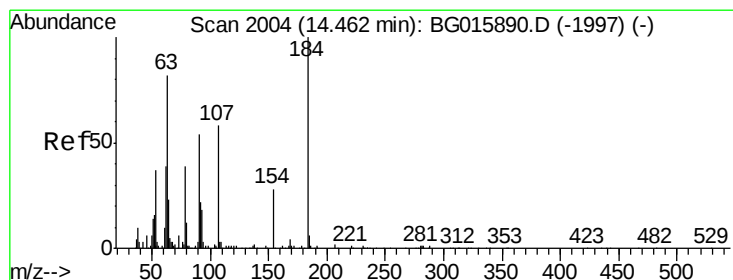
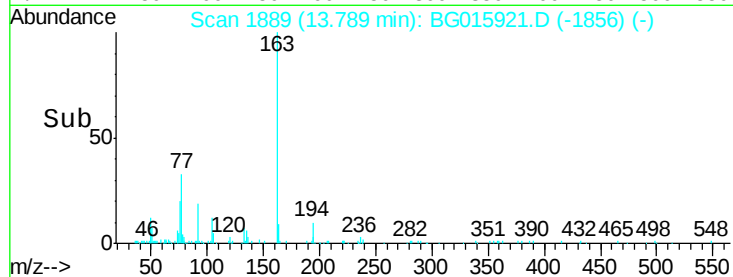
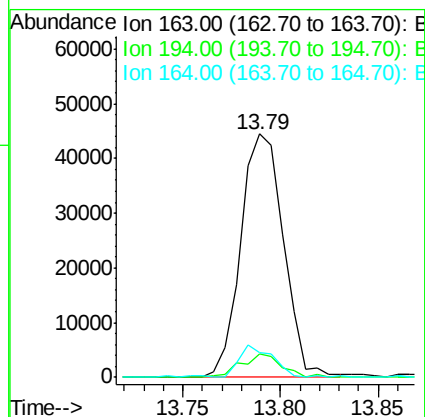
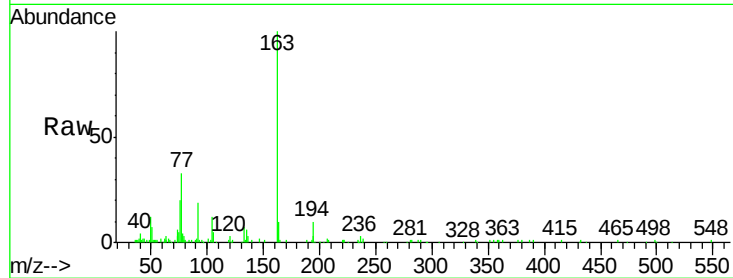
Tgt Ion:163 Resp: 67438

Ion Ratio Lower Upper

163 100

194 9.5 6.2 9.4#

164 10.3 8.0 12.0



#53

2,4-Dinitrophenol

Concen: 4.57 ng

RT: 14.45 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

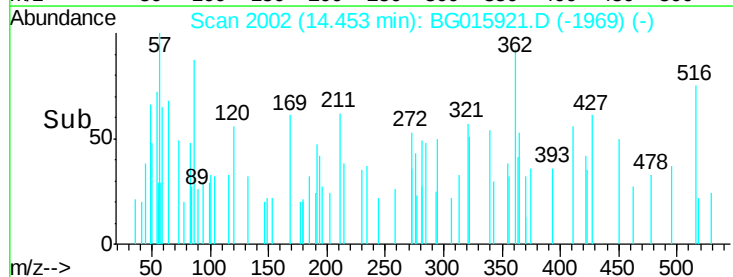
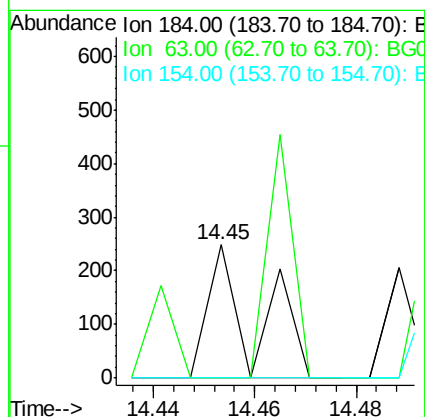
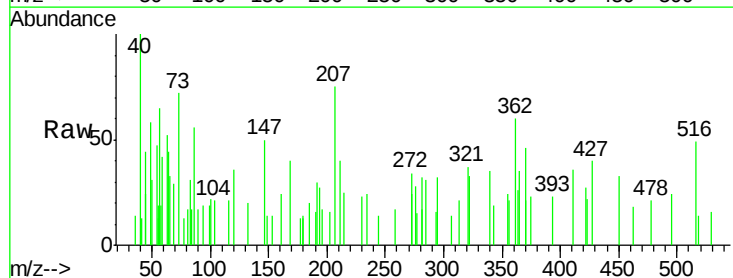
Tgt Ion:184 Resp: 159

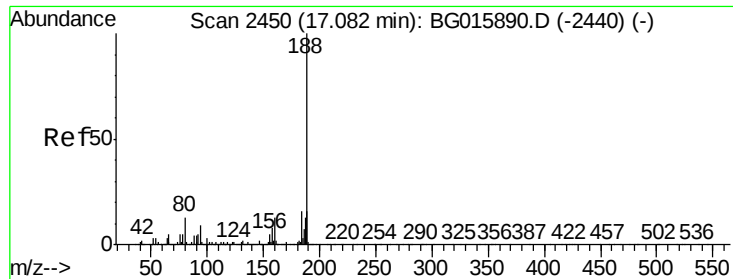
Ion Ratio Lower Upper

184 100

63 256.5 68.6 103.0#

154 0.0 54.9 82.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

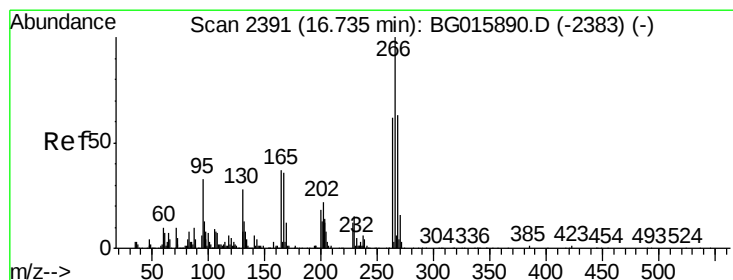
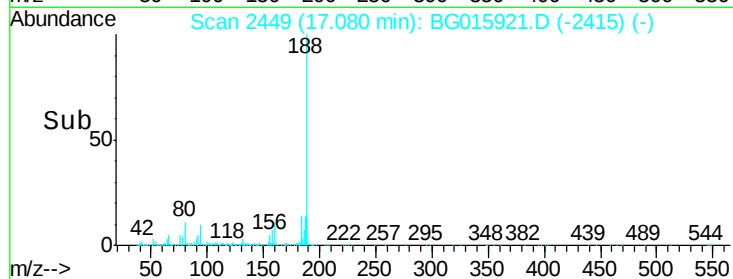
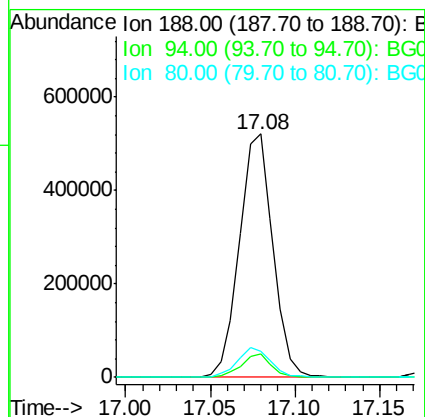
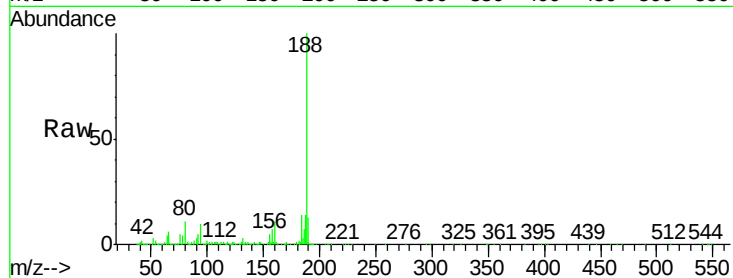
Instrument :

BNA_G

ClientSampleId :

SB-73(28-30)

Tgt Ion:	188	Resp:	717124
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.8	11.8
80	10.6	10.6	16.0#



#69

Pentachlorophenol

Concen: 5.29 ng

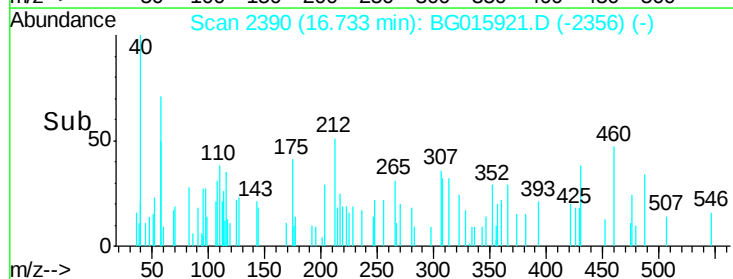
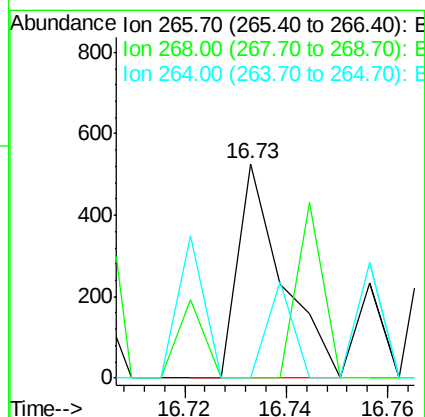
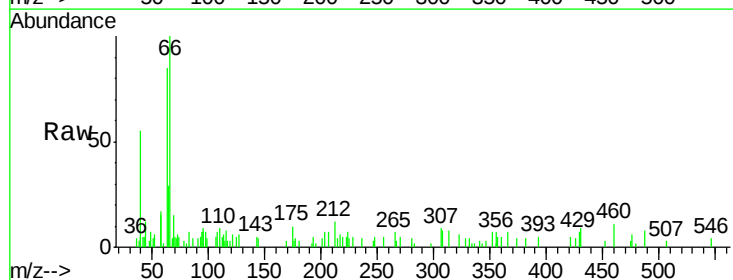
RT: 16.73 min Scan# 2390

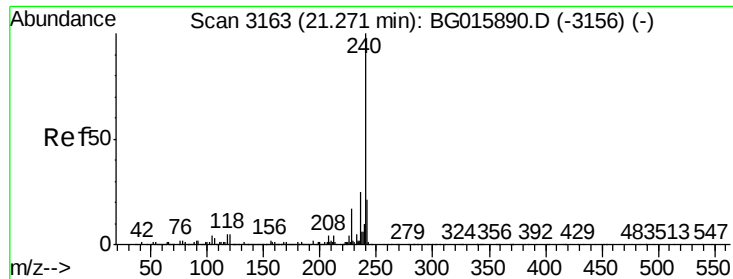
Delta R.T. -0.00 min

Lab File: BG015921.D

Acq: 26 Jan 2015 20:54

Tgt Ion:	266	Resp:	322
Ion Ratio	Lower	Upper	
266	100		
268	0.0	53.5	80.3#
264	0.0	51.9	77.9#

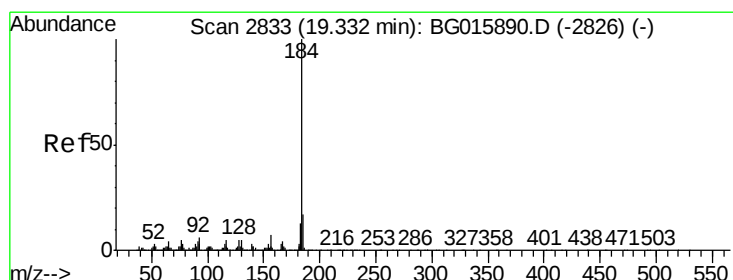
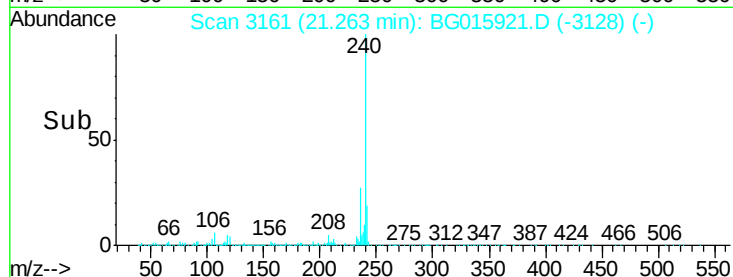
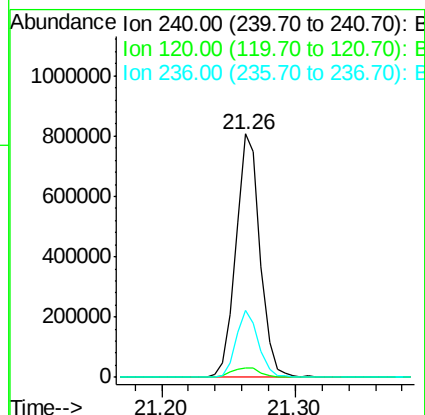
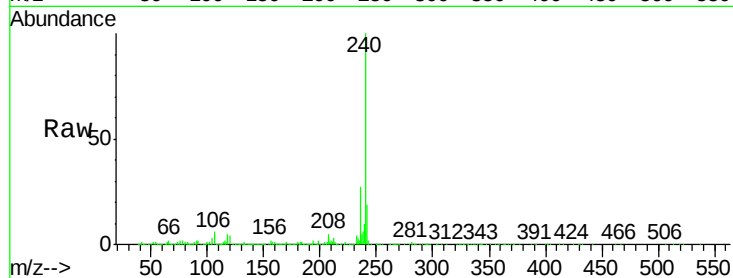




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

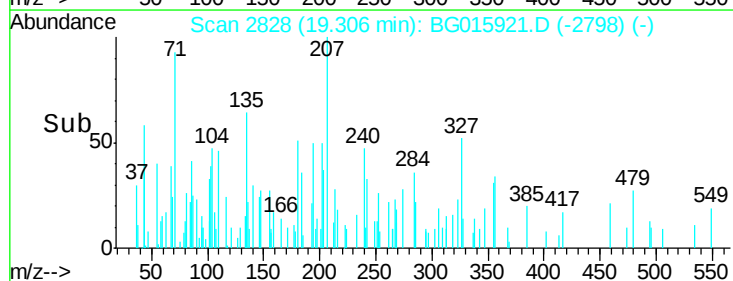
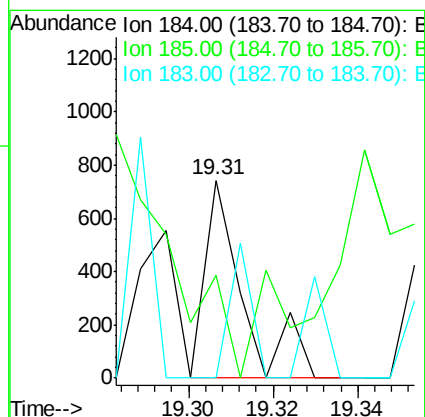
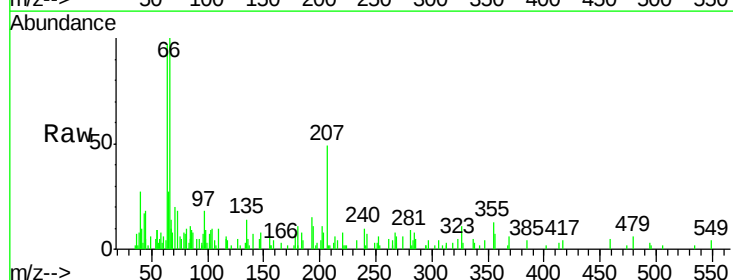
Instrument :
BNA_G
ClientSampleId :
SB-73(28-30)

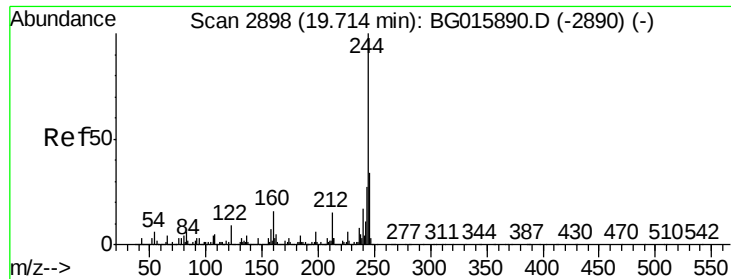
Tgt Ion:240 Resp: 1018218
Ion Ratio Lower Upper
240 100
120 3.9 3.9 5.9#
236 27.3 20.0 30.0



#76
Benzidine
Concen: 2.01 ng
RT: 19.31 min Scan# 2828
Delta R.T. -0.03 min
Lab File: BG015921.D
Acq: 26 Jan 2015 20:54

Tgt Ion:184 Resp: 461
Ion Ratio Lower Upper
184 100
185 52.2 13.3 19.9#
183 0.0 10.1 15.1#

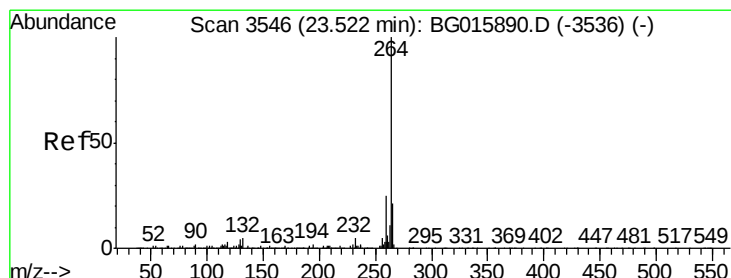
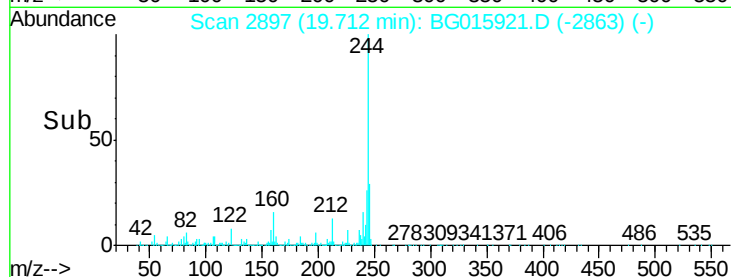
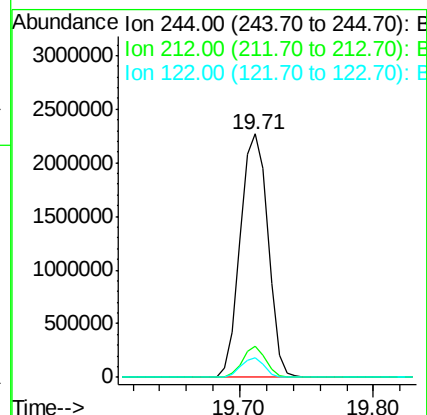
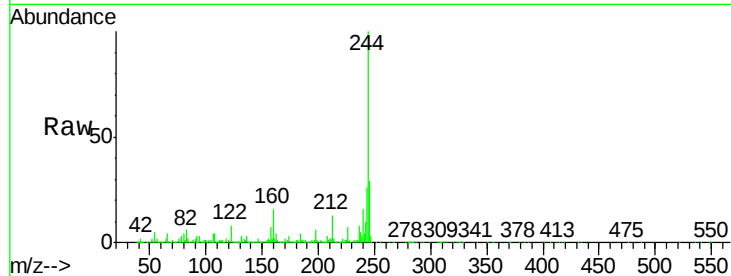




#78
 Terphenyl-d14
 Concen: 95.00 ng
 RT: 19.71 min Scan# 2897
 Delta R.T. -0.00 min
 Lab File: BG015921.D
 Acq: 26 Jan 2015 20:54

Instrument :
 BNA_G
 ClientSampleId :
 SB-73(28-30)

Tgt Ion:244 Resp: 3257426
 Ion Ratio Lower Upper
 244 100
 212 12.8 11.6 17.4
 122 8.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.52 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: BG015921.D
 Acq: 26 Jan 2015 20:54

Tgt Ion:264 Resp: 955324
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.7 29.5
 265 23.4 17.3 25.9

