

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015962.D
 Acq On : 28 Jan 2015 1:27
 Operator : TP/IZ
 Sample : G1159-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-73(14-16)

Quant Time: Jan 28 04:51:18 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

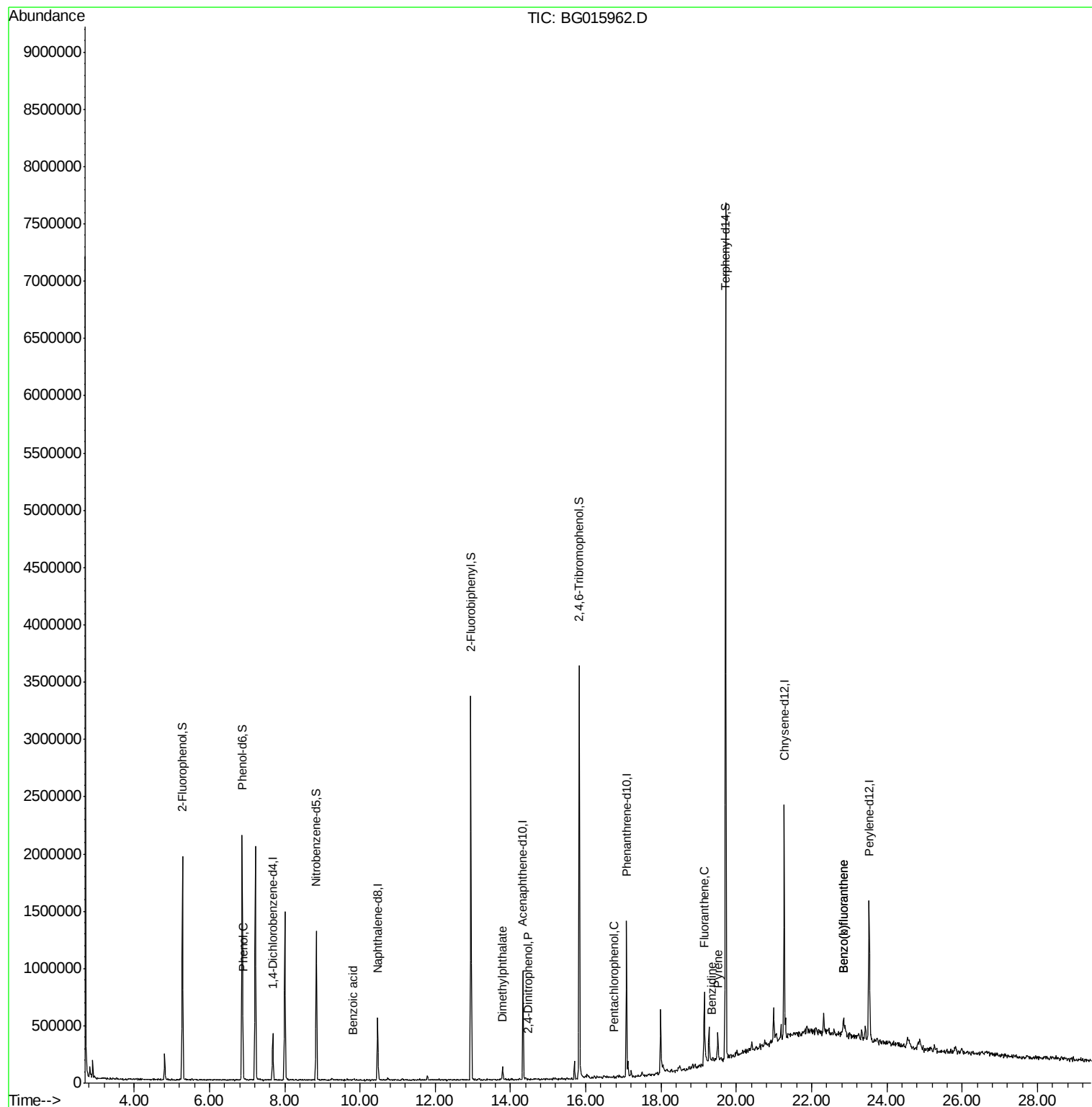
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	86055	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	336160	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	272589	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	727931	20.00	ng	0.00
75) Chrysene-d12	21.27	240	977557	20.00	ng	0.00
86) Perylene-d12	23.53	264	963499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	650882	112.63	ng	0.00
7) Phenol-d6	6.87	99	1011494	108.62	ng	0.00
23) Nitrobenzene-d5	8.84	82	785302	67.34	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	607475	121.73	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1492337	85.90	ng	0.00
78) Terphenyl-d14	19.71	244	2878145	83.11	ng	0.00
Target Compounds						
10) Phenol	6.89	94	41528	3.91	ng	90
32) Benzoic acid	9.81	122	86	10.30	ng	# 1
49) Dimethylphthalate	13.79	163	54788	2.79	ng	# 95
53) 2,4-Dinitrophenol	14.45	184	62	4.52	ng	# 10
69) Pentachlorophenol	16.75	266	129	5.25	ng	# 17
74) Fluoranthene	19.14	202	174663	3.58	ng	99
76) Benzidine	19.34	184	1399	2.04	ng	# 38
77) Pyrene	19.51	202	151567	3.26	ng	94
87) Benzo(b)fluoranthene	22.84	252	120588	2.19	ng	# 90
88) Benzo(k)fluoranthene	22.84	252	120588	2.27	ng	# 86

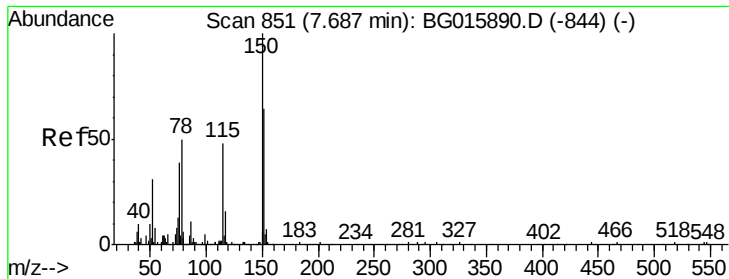
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015962.D
Acq On : 28 Jan 2015 1:27
Operator : TP/IZ
Sample : G1159-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

Quant Time: Jan 28 04:51:18 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



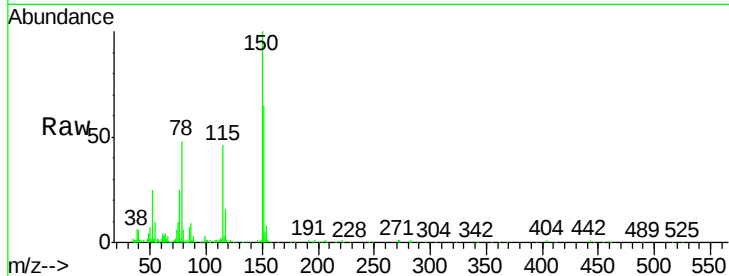


#1

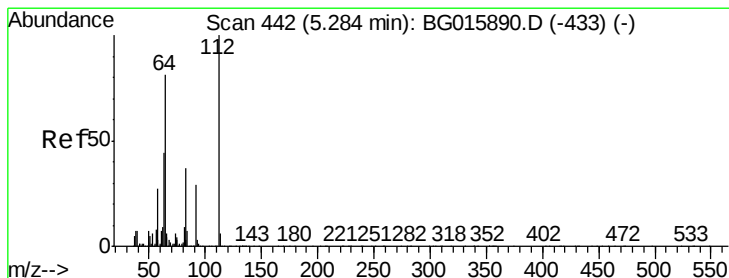
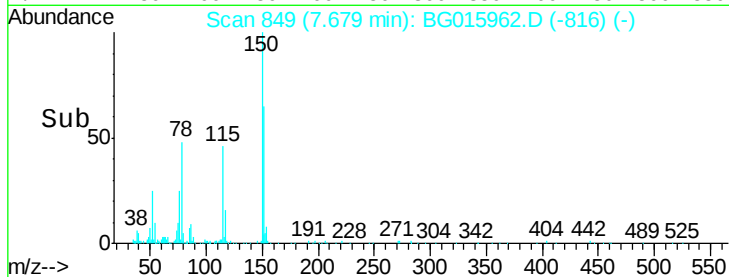
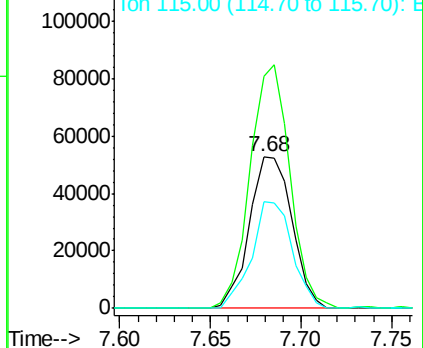
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.5	186.7
115	70.4	60.4	90.6



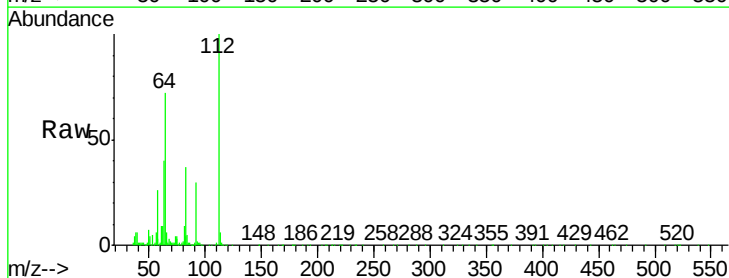
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



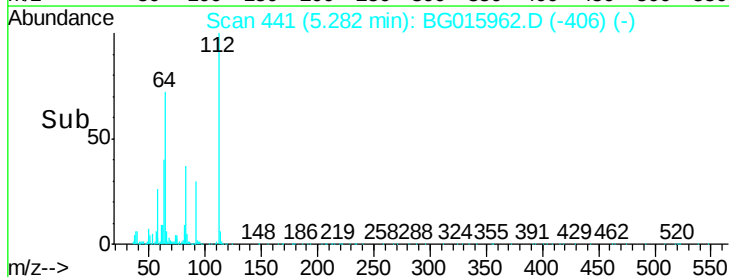
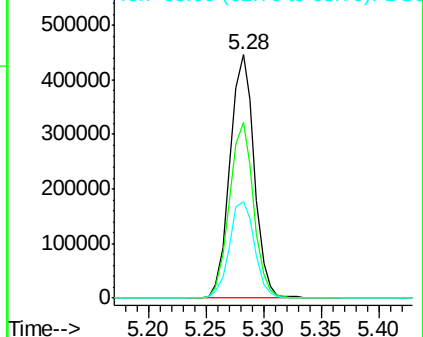
#5

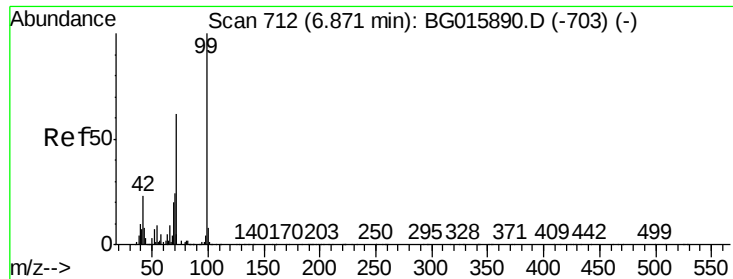
2-Fluorophenol
Concen: 112.63 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	64.4	96.6
63	39.7	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: 108.62 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Instrument :

BNA_G

ClientSampleId :

SB-73(14-16)

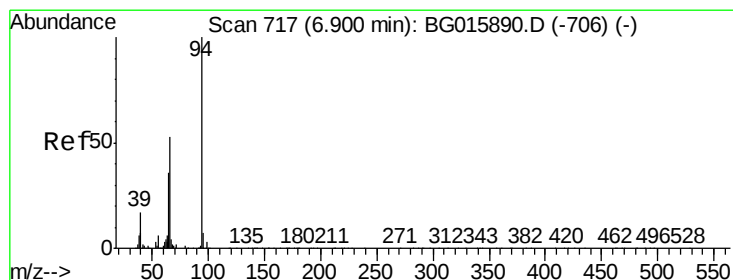
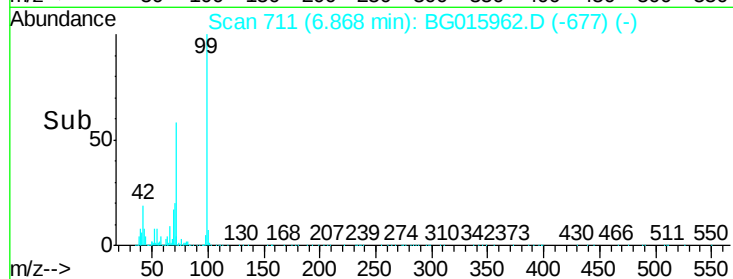
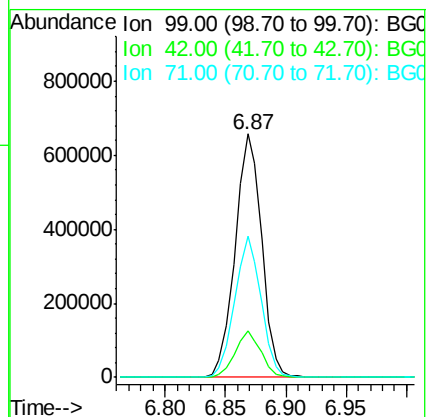
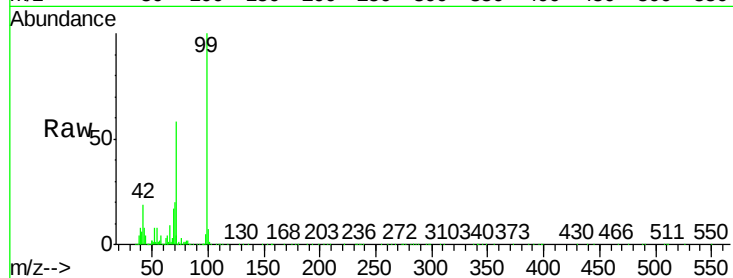
Tgt Ion: 99 Resp: 1011494

Ion Ratio Lower Upper

99 100

42 19.1 18.1 27.1

71 58.0 49.8 74.8



#10

Phenol

Concen: 3.91 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

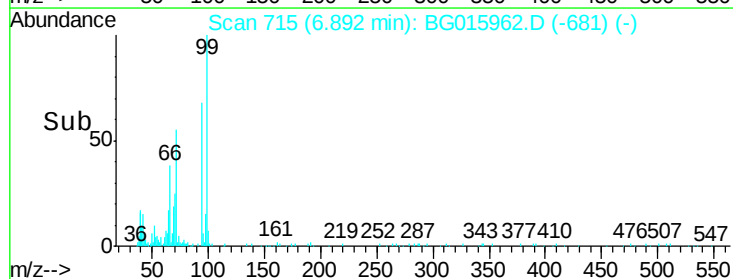
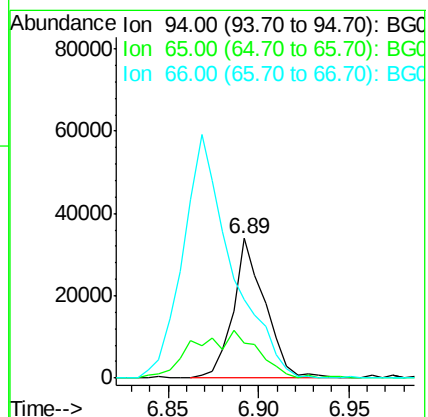
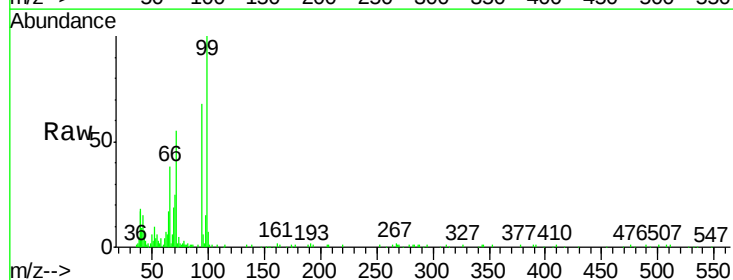
Tgt Ion: 94 Resp: 41528

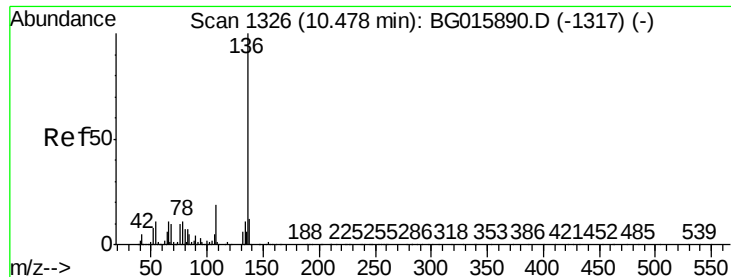
Ion Ratio Lower Upper

94 100

65 25.4 16.5 56.5

66 56.3 33.3 73.3

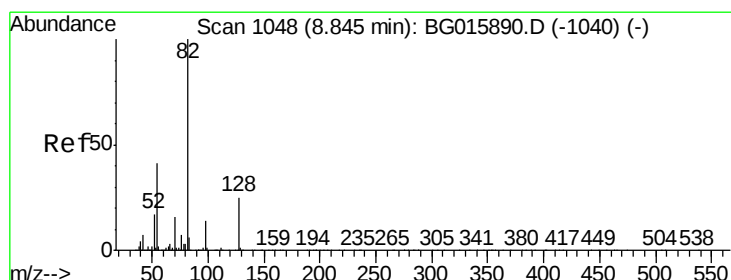
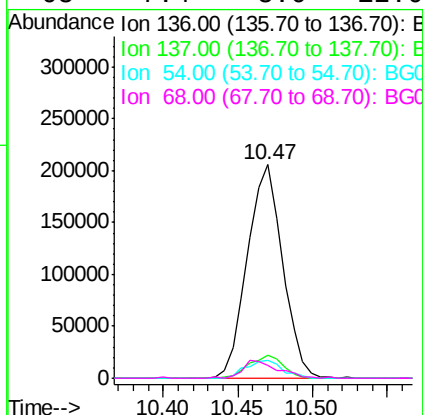
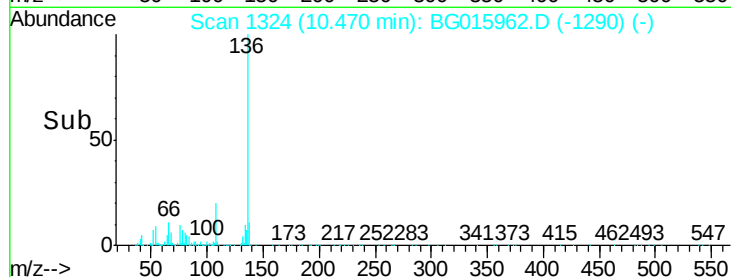
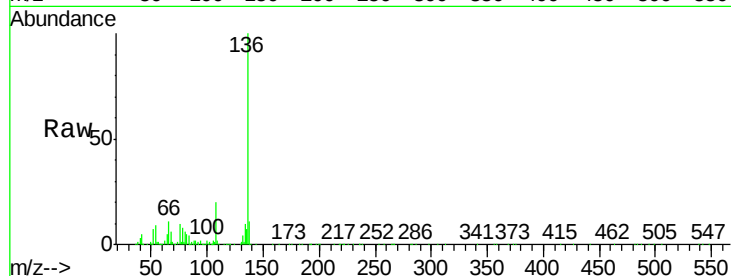




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

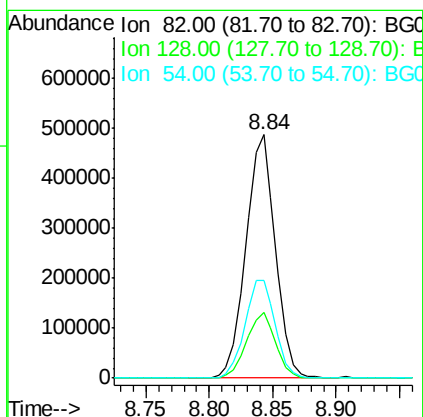
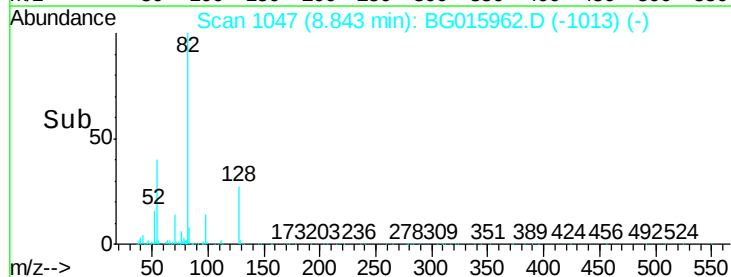
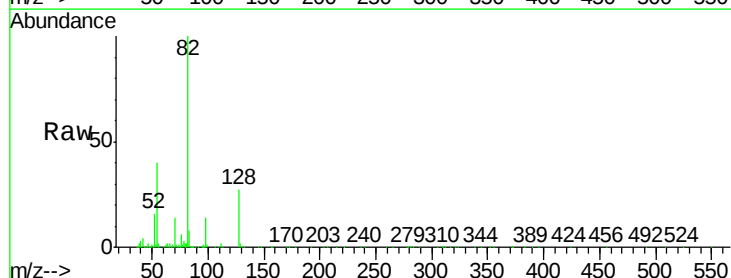
Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

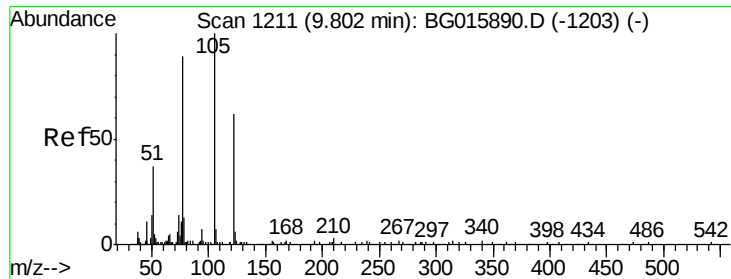
Tgt Ion:	136	Resp:	336160
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	8.6	8.5	12.7
68	7.4	8.0	12.0#



#23
Nitrobenzene-d5
Concen: 67.34 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Tgt Ion:	82	Resp:	785302
Ion	Ratio	Lower	Upper
82	100		
128	27.2	19.8	29.8
54	39.9	33.0	49.4

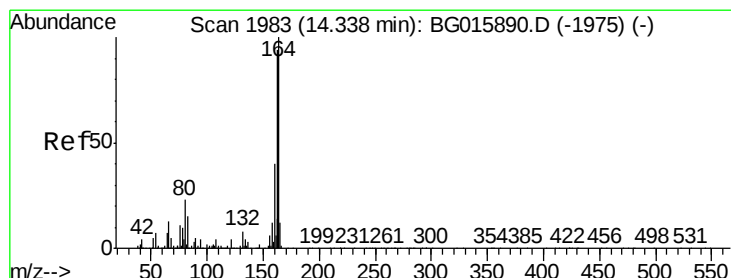
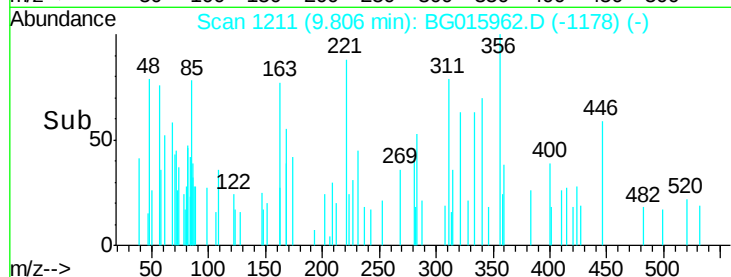
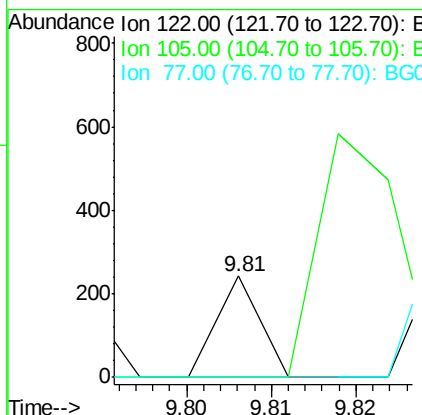
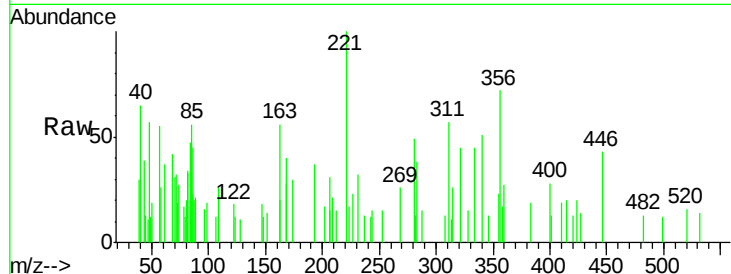




#32
Benzoic acid
Concen: 10.30 ng
RT: 9.81 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

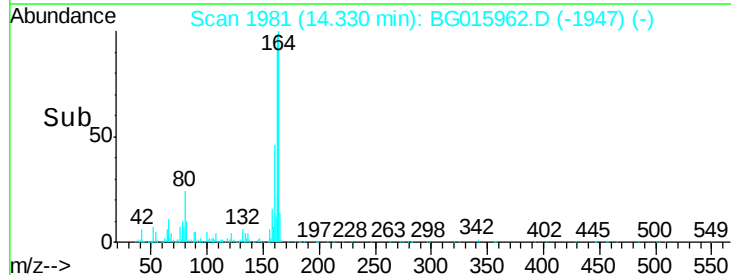
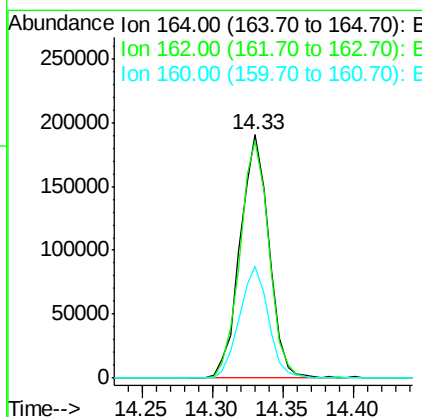
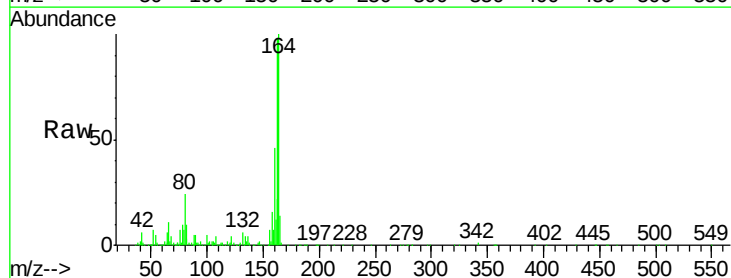
Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

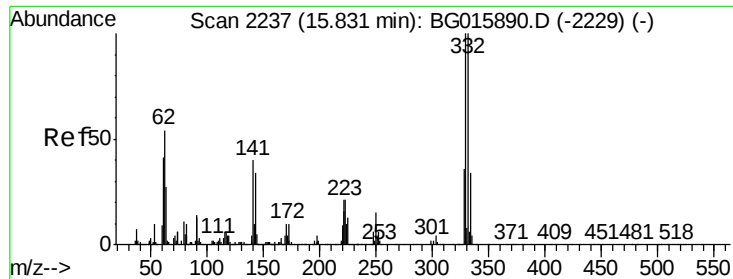
Tgt Ion:122 Resp: 86
Ion Ratio Lower Upper
122 100
105 0.0 140.2 180.2#
77 0.0 126.4 166.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Tgt Ion:164 Resp: 272589
Ion Ratio Lower Upper
164 100
162 97.7 75.1 112.7
160 45.9 32.3 48.5

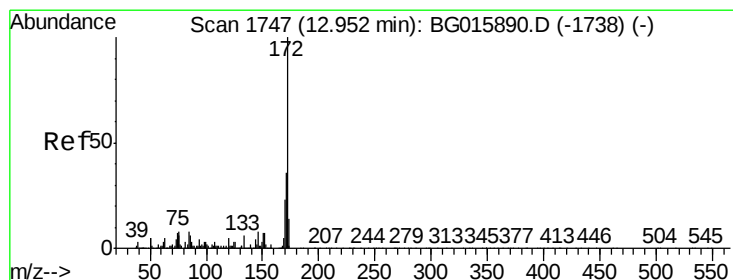
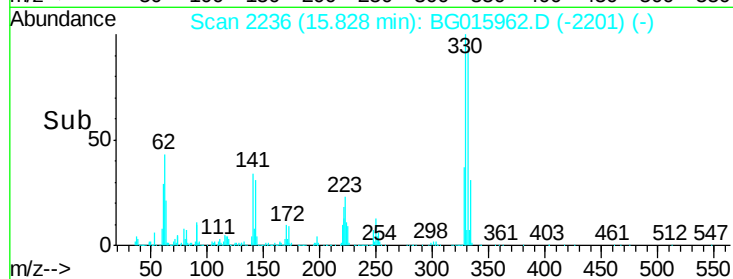
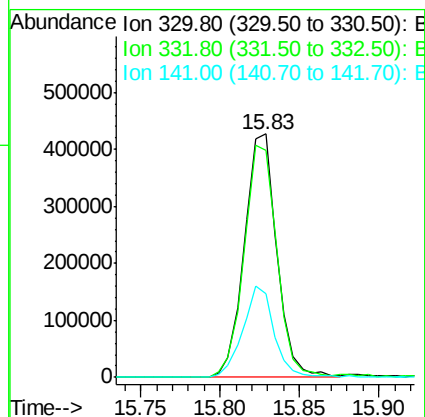
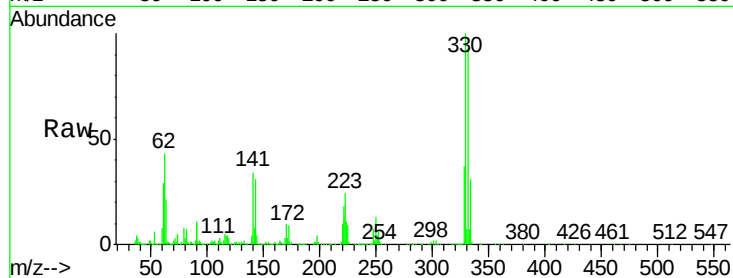




#41
 2,4,6-Tribromophenol
 Concen: 121.73 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG015962.D
 Acq: 28 Jan 2015 1:27

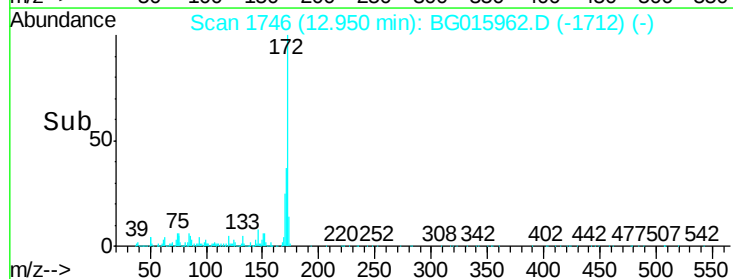
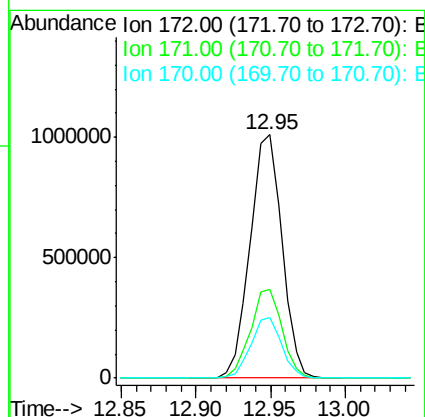
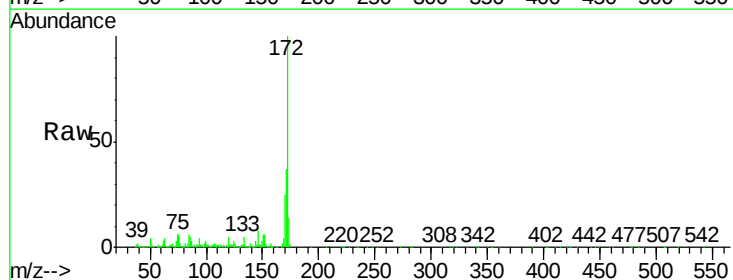
Instrument :
 BNA_G
 ClientSampled :
 SB-73(14-16)

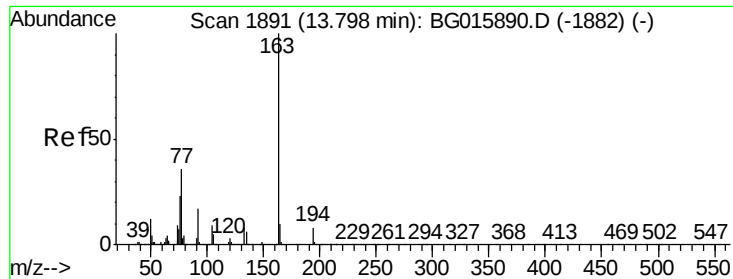
Tgt Ion:330 Resp: 607475
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 36.3 33.0 49.6



#44
 2-Fluorobiphenyl
 Concen: 85.90 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG015962.D
 Acq: 28 Jan 2015 1:27

Tgt Ion:172 Resp: 1492337
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.2 43.8
 170 24.7 18.6 27.8





#49

Dimethylphthalate

Concen: 2.79 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

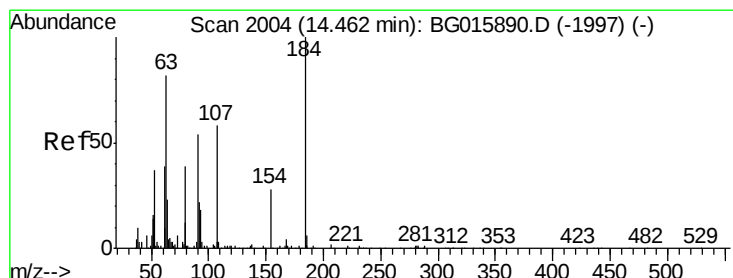
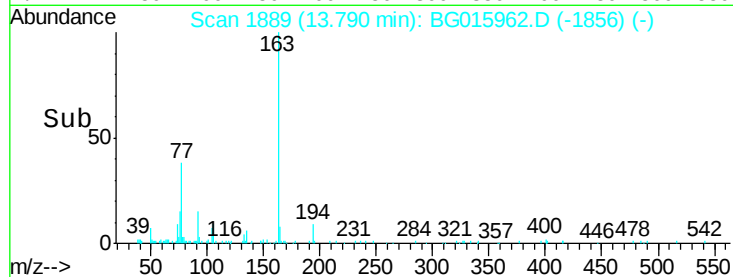
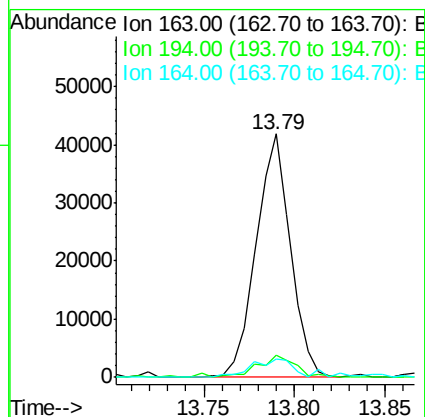
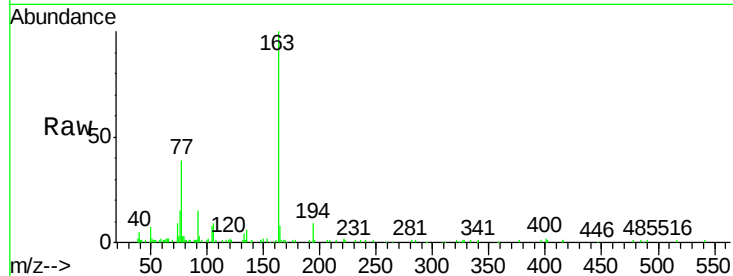
Instrument :

BNA_G

ClientSampled :

SB-73(14-16)

Tgt Ion:	163	Resp:	54788
Ion Ratio		Lower	Upper
163	100		
194	9.3	6.2	9.4
164	7.8	8.0	12.0#



#53

2,4-Dinitrophenol

Concen: 4.52 ng

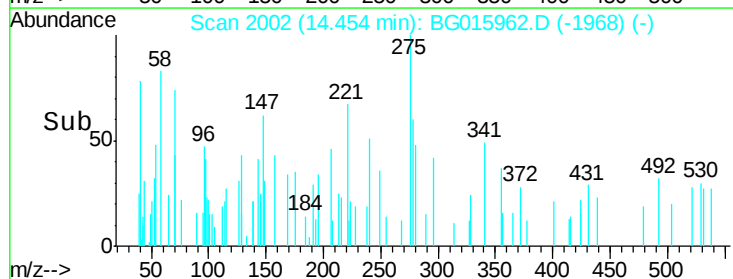
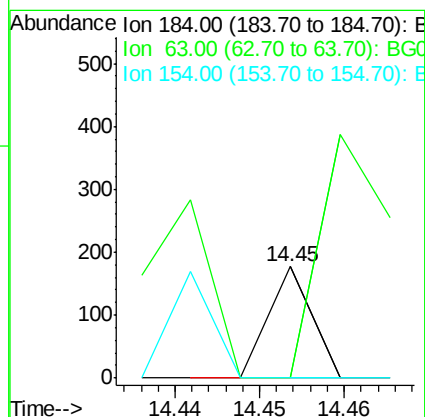
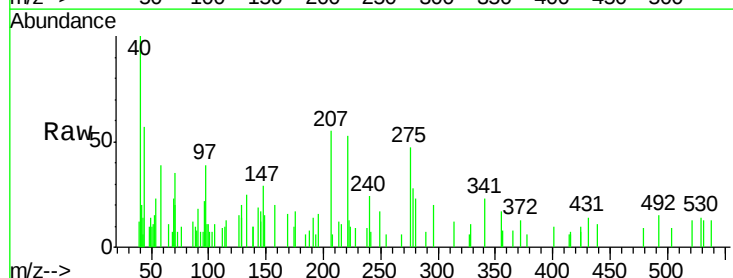
RT: 14.45 min Scan# 2002

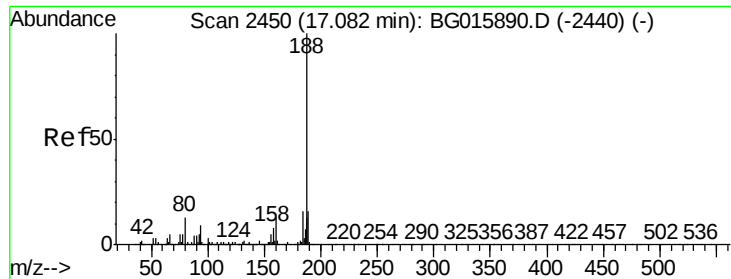
Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Tgt Ion:	184	Resp:	62
Ion Ratio		Lower	Upper
184	100		
63	0.0	68.6	103.0#
154	0.0	54.9	82.3#

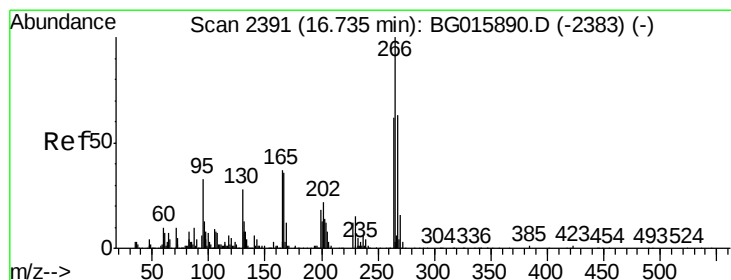
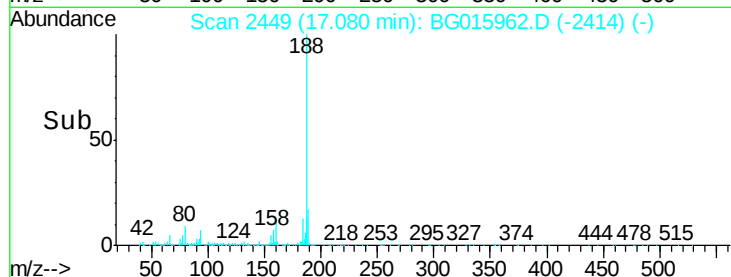
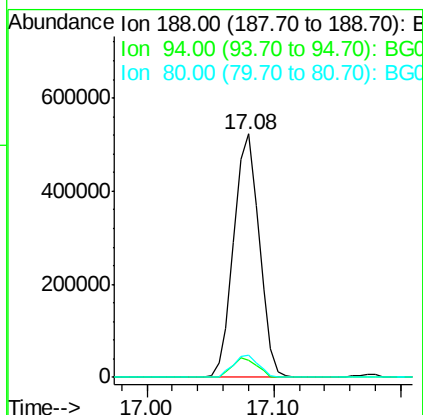
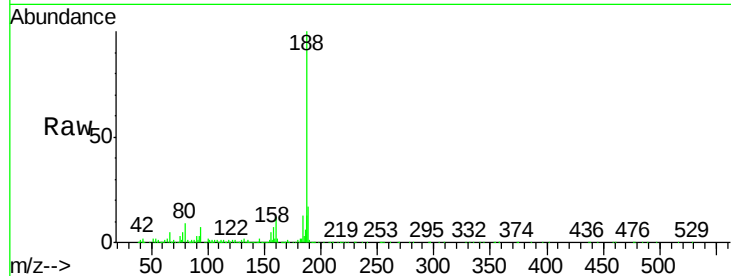




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

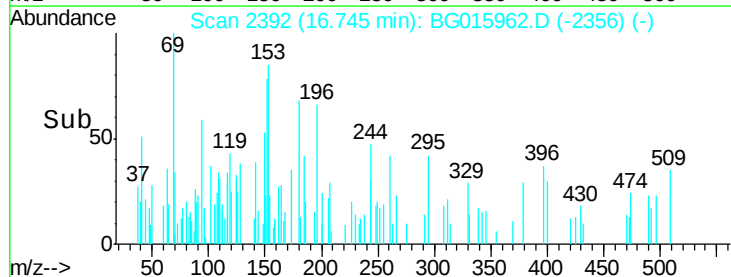
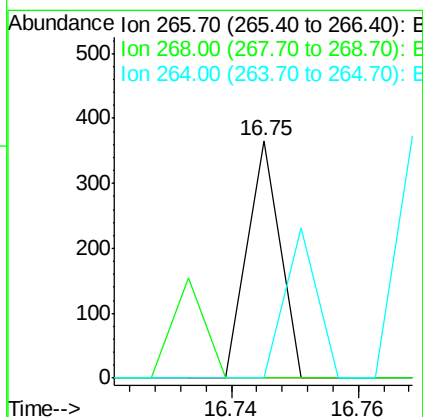
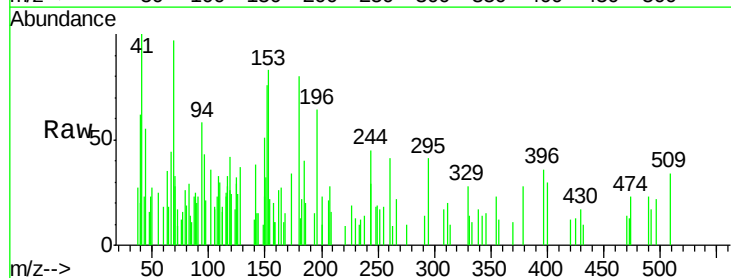
Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

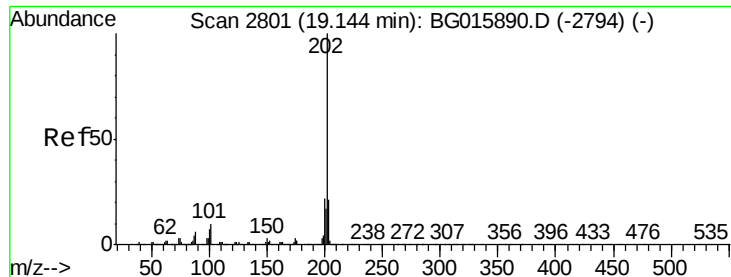
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.8	11.8#
80	9.3	10.6	16.0#



#69
Pentachlorophenol
Concen: 5.25 ng
RT: 16.75 min Scan# 2392
Delta R.T. 0.01 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

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





#74

Fluoranthene

Concen: 3.58 ng

RT: 19.14 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Instrument :

BNA_G

ClientSampleId :

SB-73(14-16)

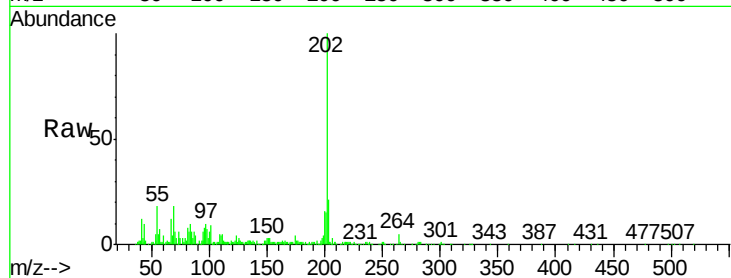
Tgt Ion:202 Resp: 174663

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.5

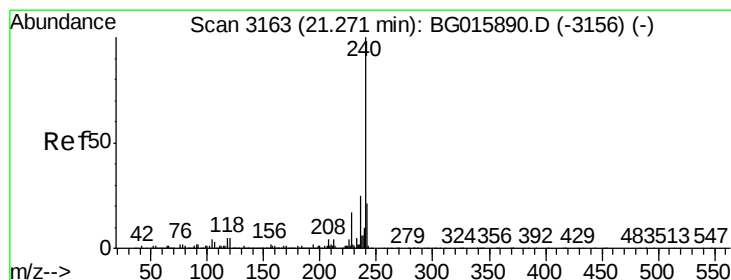
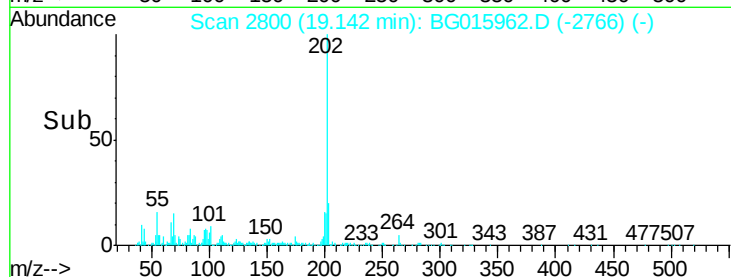
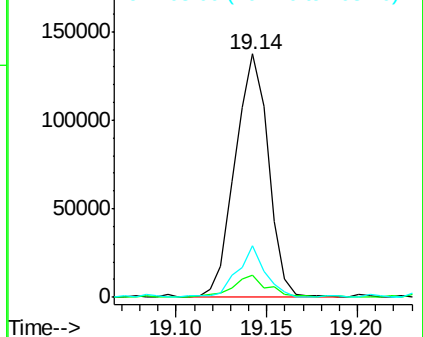
203 21.2 0.9 40.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

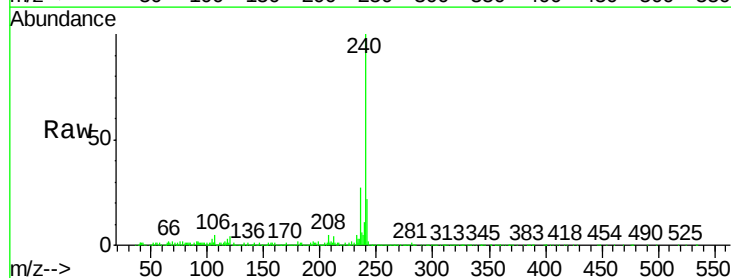
Tgt Ion:240 Resp: 977557

Ion Ratio Lower Upper

240 100

120 4.3 3.9 5.9

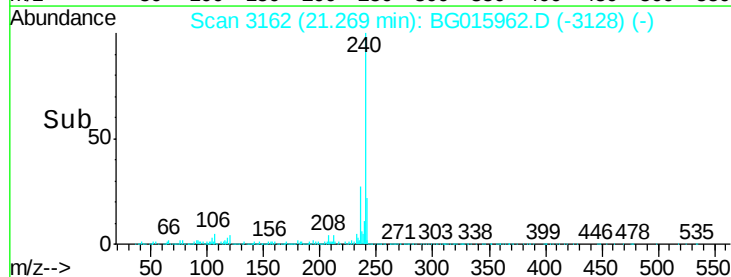
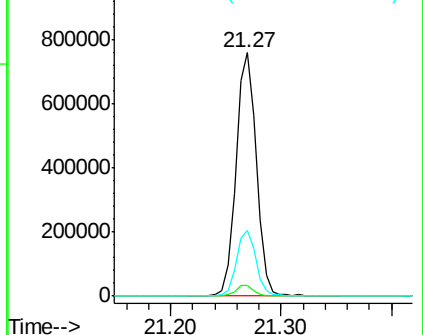
236 27.2 20.0 30.0

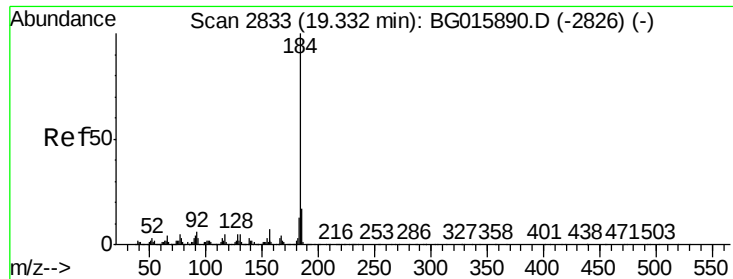


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.04 ng

RT: 19.34 min Scan# 2834

Delta R.T. 0.01 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Instrument :

BNA_G

ClientSampleId :

SB-73(14-16)

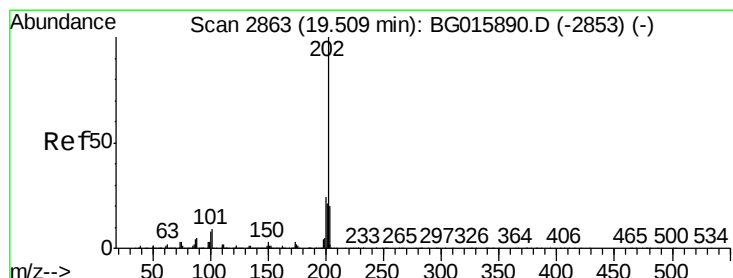
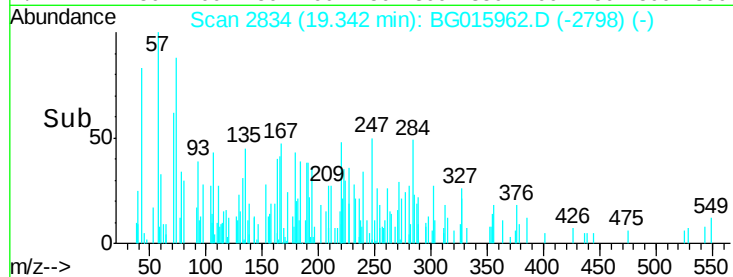
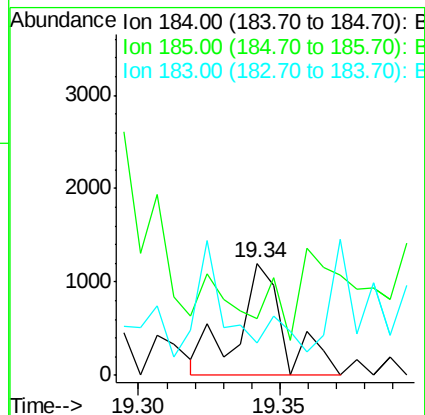
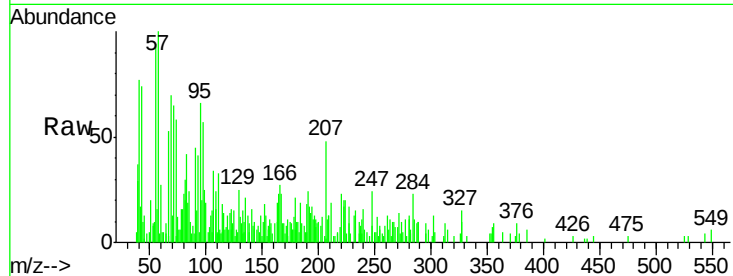
Tgt Ion:184 Resp: 1399

Ion Ratio Lower Upper

184 100

185 50.2 13.3 19.9#

183 28.9 10.1 15.1#



#77

Pyrene

Concen: 3.26 ng

RT: 19.51 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

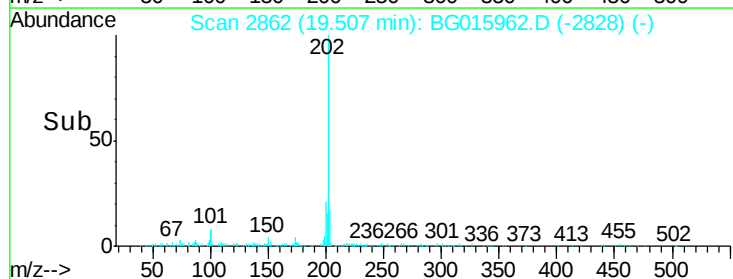
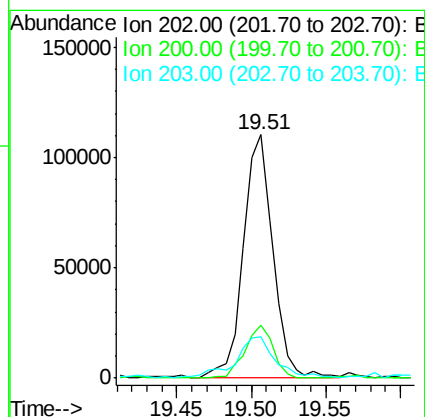
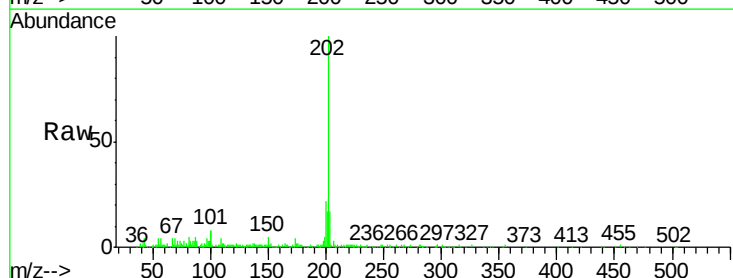
Tgt Ion:202 Resp: 151567

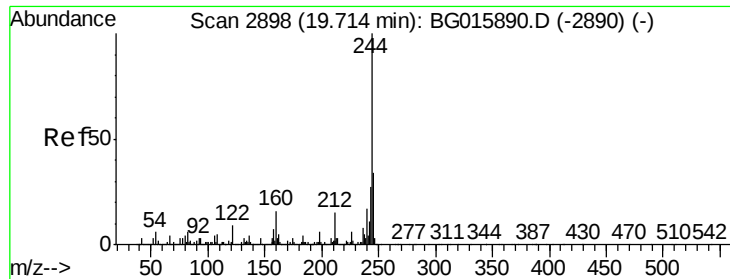
Ion Ratio Lower Upper

202 100

200 21.6 19.3 28.9

203 17.0 15.9 23.9





#78

Terphenyl-d14

Concen: 83.11 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Instrument :

BNA_G

ClientSampleId :

SB-73(14-16)

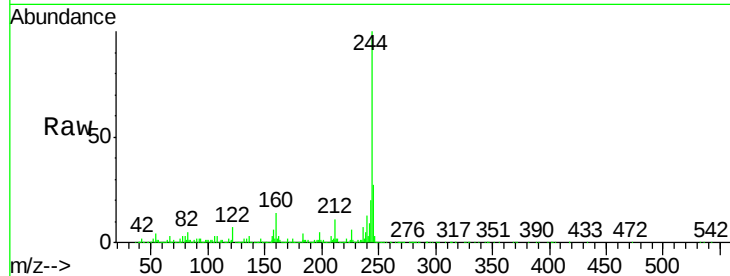
Tgt Ion:244 Resp: 2878145

Ion Ratio Lower Upper

244 100

212 10.8 11.6 17.4#

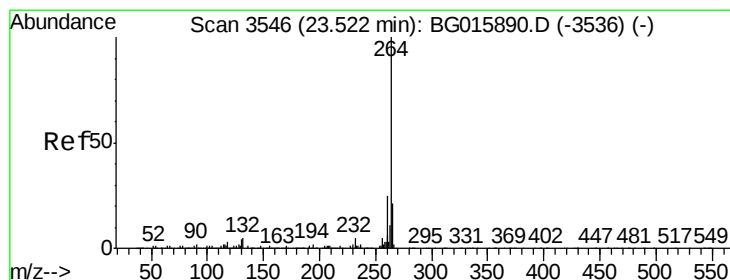
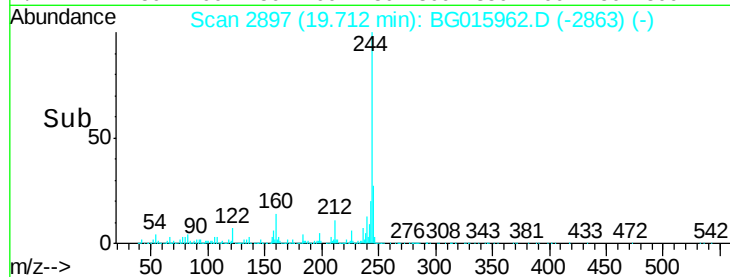
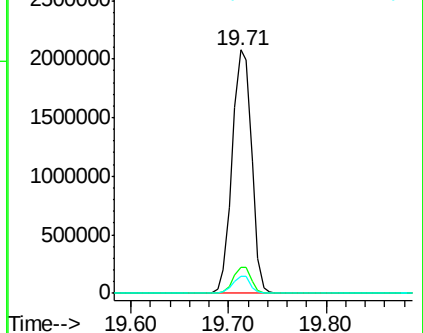
122 7.2 7.0 10.4



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: 23.53 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

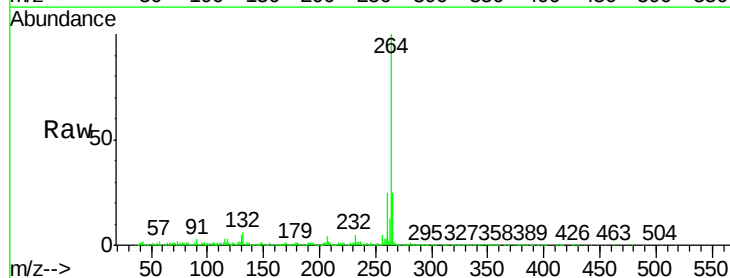
Tgt Ion:264 Resp: 963499

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

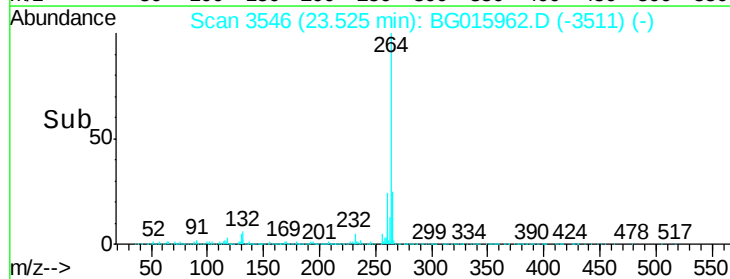
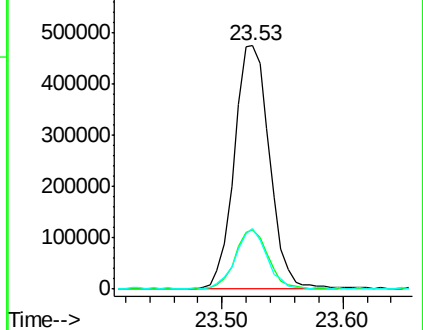
265 24.9 17.3 25.9

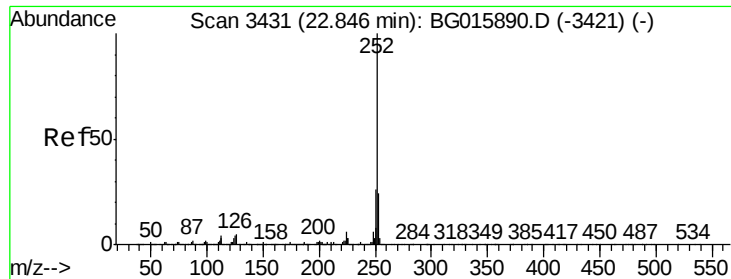


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.19 ng

RT: 22.84 min Scan# 3430

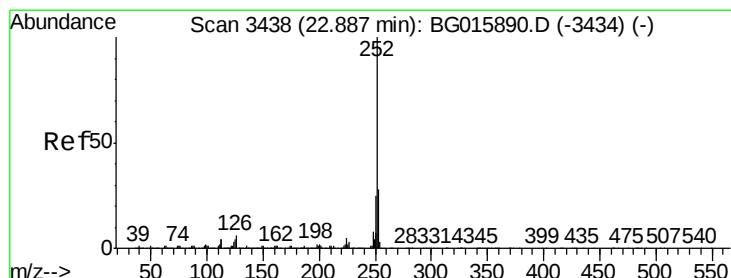
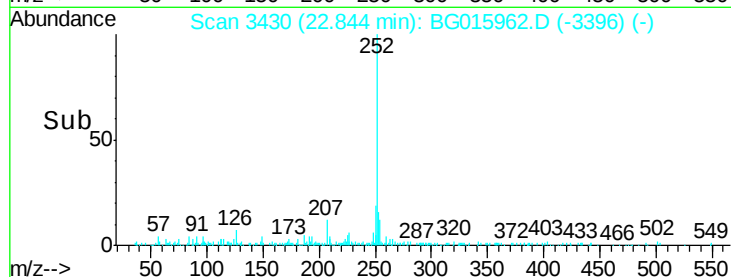
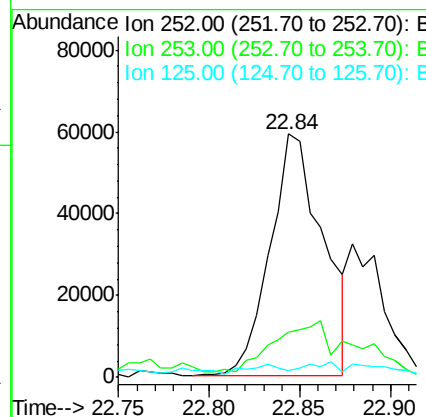
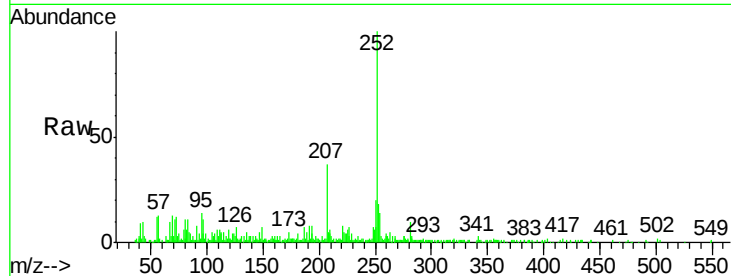
Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.4	19.4	29.0#
125	3.0	2.9	4.3



#88

Benzo(k)fluoranthene

Concen: 2.27 ng

RT: 22.84 min Scan# 3430

Delta R.T. -0.05 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.4	21.3	31.9#
125	3.0	3.4	5.0#

