

Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
 Data File : BG015872.D
 Acq On : 9 Jan 2015 16:38
 Operator : TP/IZ
 Sample : G1042-03
 Misc : W
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DIN46-WASTE-COMPOSITE-3

Quant Time: Jan 10 01:32:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

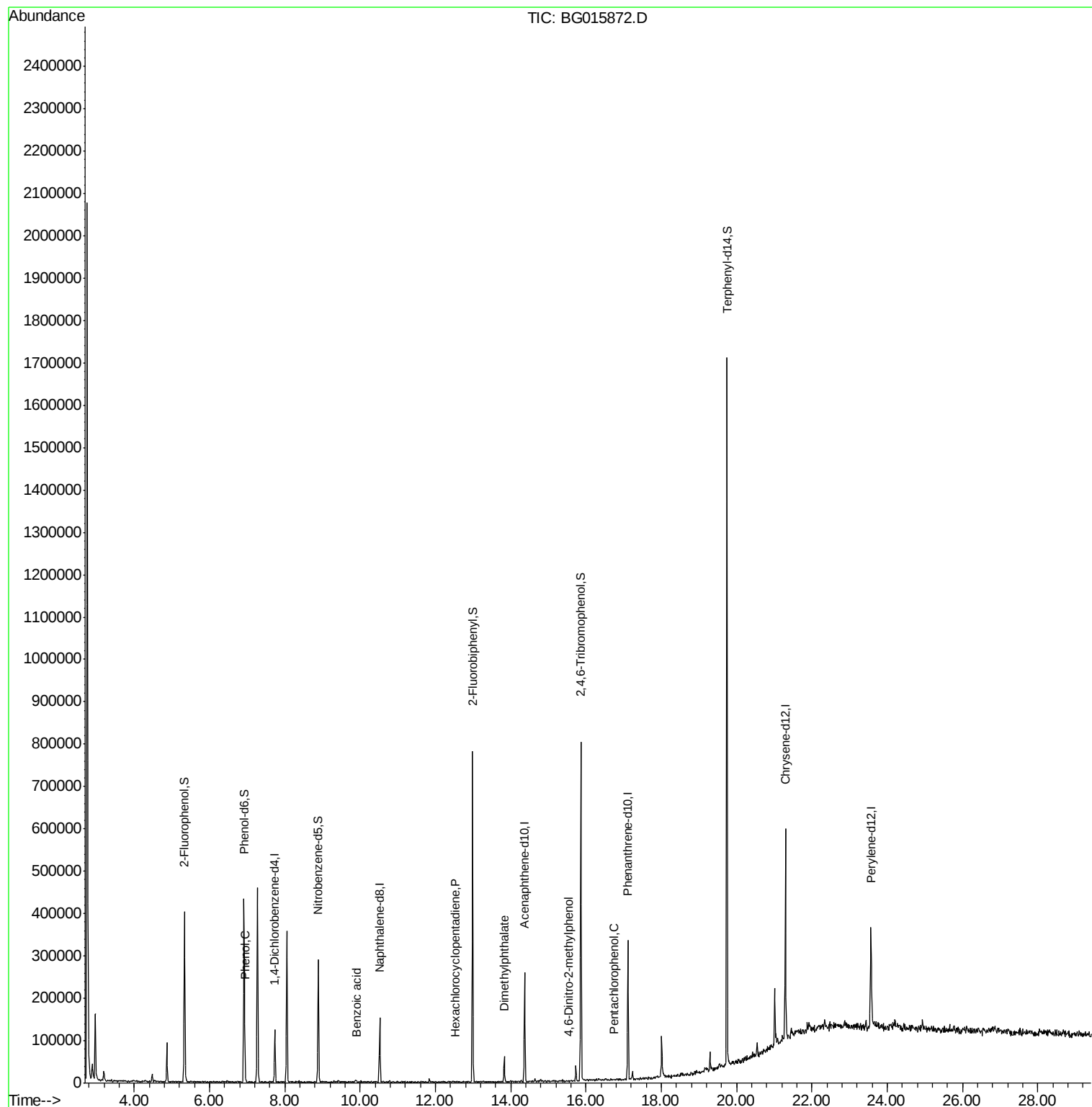
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	27840	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	104976	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	84253	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	187541	20.00	ng	0.00
75) Chrysene-d12	21.30	240	251172	20.00	ng	0.00
86) Perylene-d12	23.57	264	217632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	161223	49.80	ng	0.00
7) Phenol-d6	6.92	99	228762	50.74	ng	0.00
23) Nitrobenzene-d5	8.89	82	163277	30.52	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	145676	45.48	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	350967	29.75	ng	0.00
78) Terphenyl-d14	19.74	244	703866	31.31	ng	0.00
Target Compounds						
10) Phenol	6.94	94	5840	2.38	ng	Qvalue 86
32) Benzoic acid	9.91	122	80	5.52	ng	# 53
40) Hexachlorocyclopentadiene	12.53	237	58	3.06	ng	# 26
49) Dimethylphthalate	13.83	163	32125	5.17	ng	97
64) 4,6-Dinitro-2-methylphenol	15.53	198	66	3.59	ng	# 19
69) Pentachlorophenol	16.74	266	83	3.15	ng	# 20

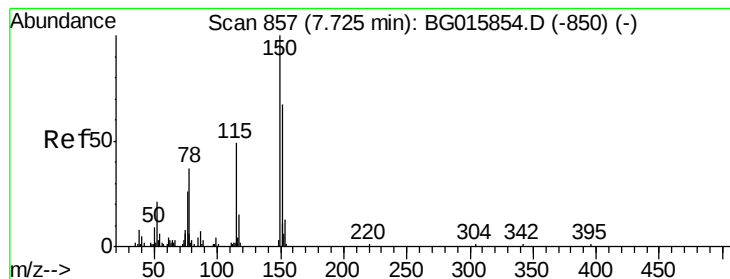
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
Data File : BG015872.D
Acq On : 9 Jan 2015 16:38
Operator : TP/IZ
Sample : G1042-03
Misc : W
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

Quant Time: Jan 10 01:32:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 859

Delta R.T. 0.01 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

Instrument :

BNA_G

ClientSampleId :

DIN46-WASTE-COMPOSITE-3

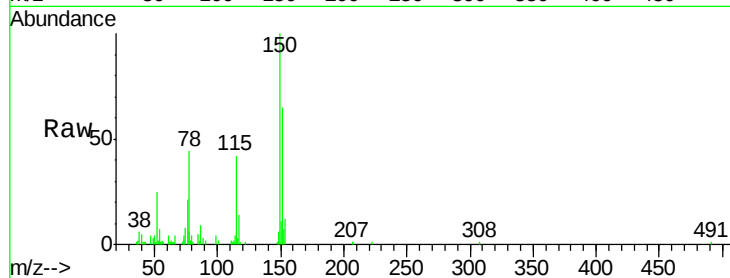
Tgt Ion:152 Resp: 27840

Ion Ratio Lower Upper

152 100

150 153.2 120.5 180.7

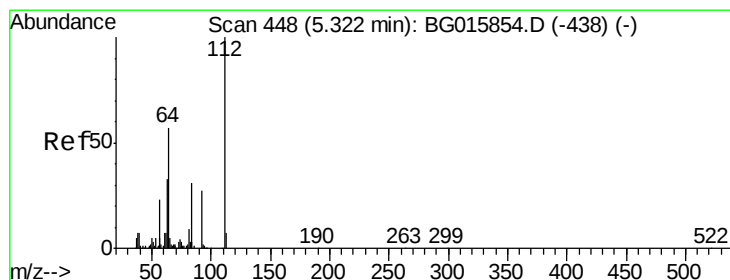
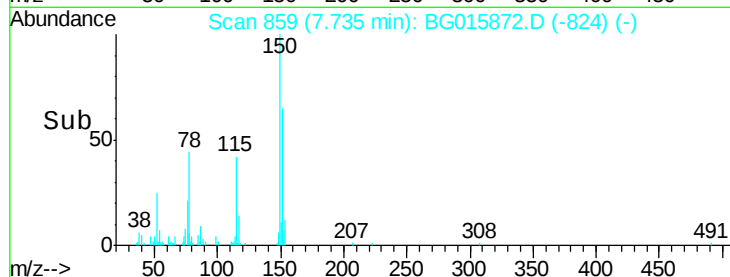
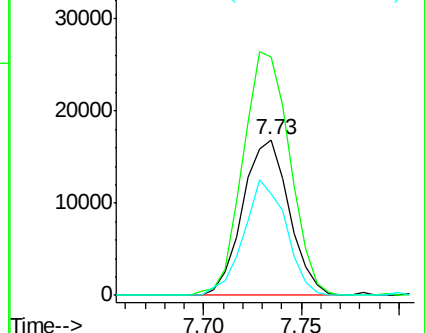
115 65.0 54.0 81.0



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: 49.80 ng

RT: 5.33 min Scan# 450

Delta R.T. 0.00 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

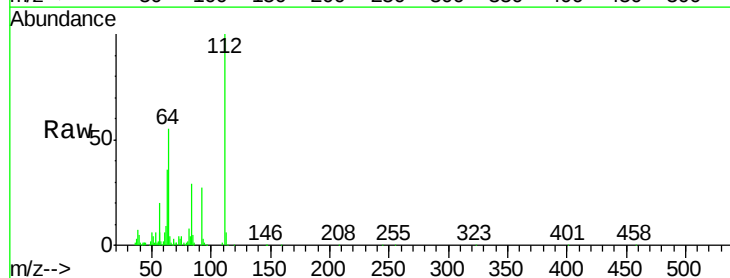
Tgt Ion:112 Resp: 161223

Ion Ratio Lower Upper

112 100

64 55.4 46.8 70.2

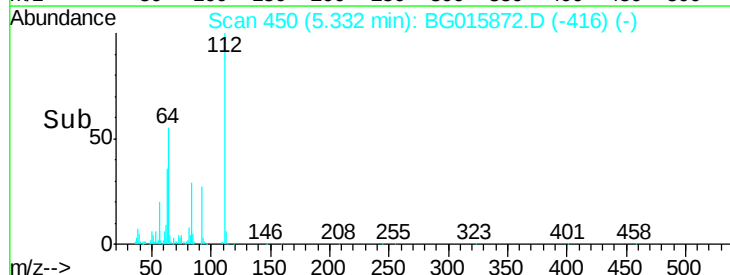
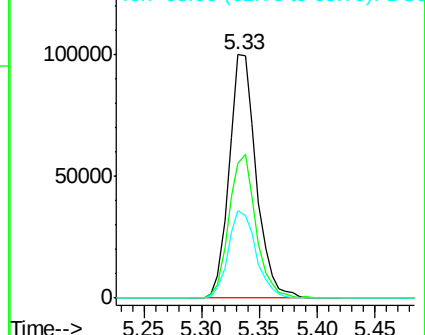
63 35.8 30.6 45.8

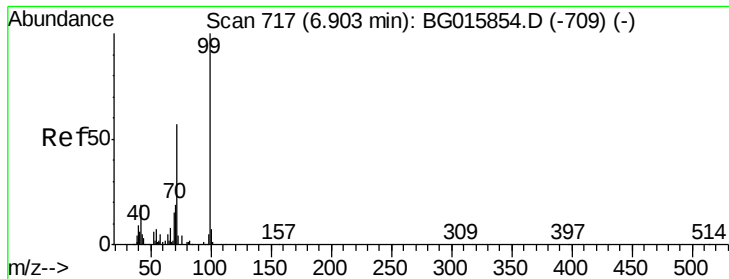


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.74 ng

RT: 6.92 min Scan# 720

Delta R.T. 0.01 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

Instrument :

BNA_G

ClientSampleId :

DIN46-WASTE-COMPOSITE-3

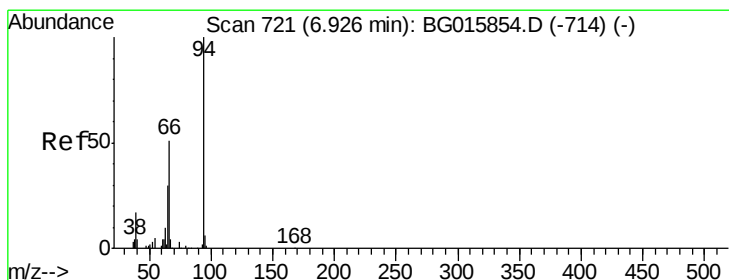
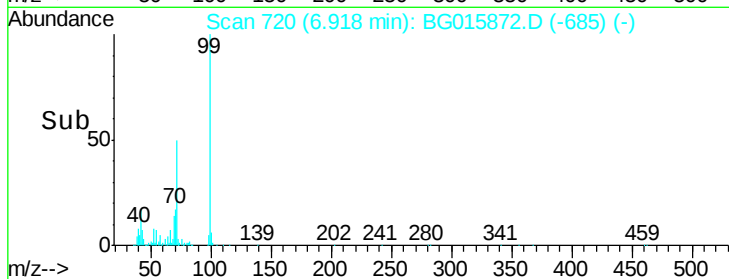
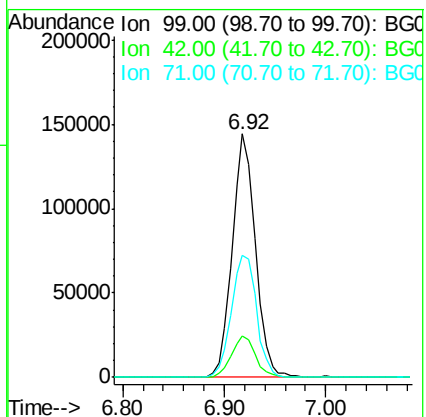
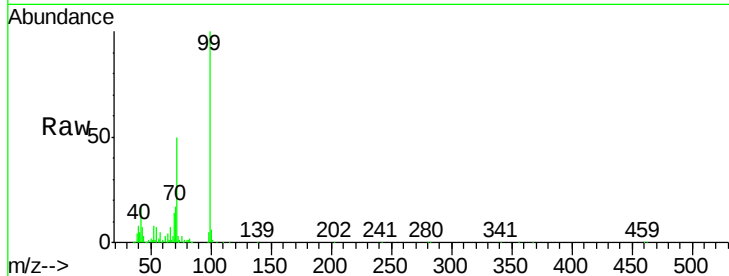
Tgt Ion: 99 Resp: 228762

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

71 49.9 42.8 64.2



#10

Phenol

Concen: 2.38 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

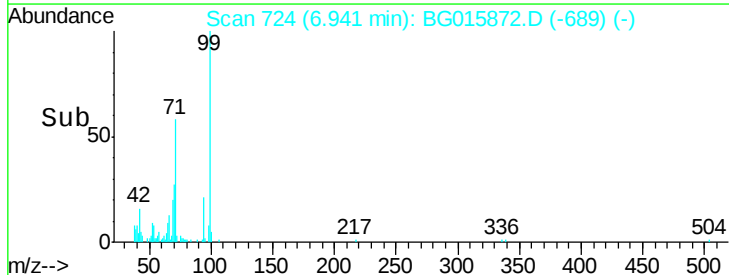
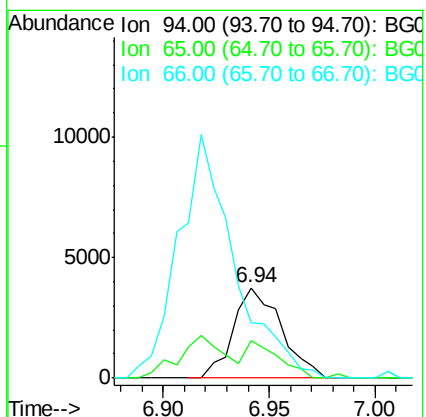
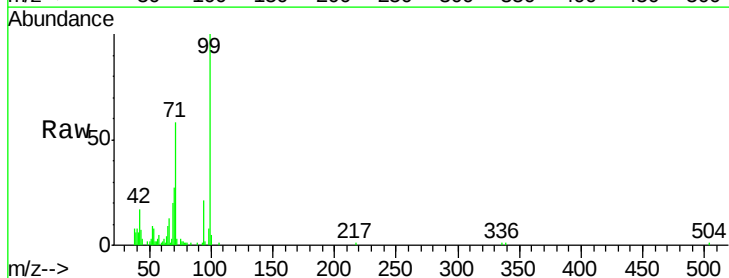
Tgt Ion: 94 Resp: 5840

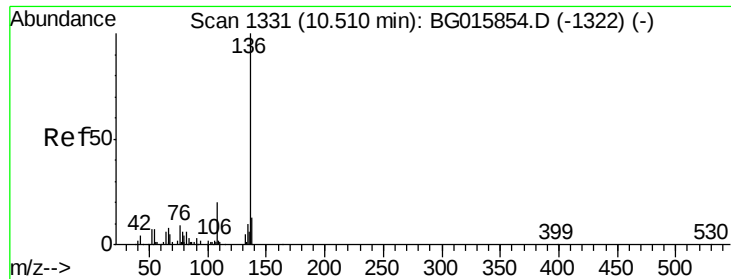
Ion Ratio Lower Upper

94 100

65 41.5 9.7 49.7

66 61.1 33.8 73.8

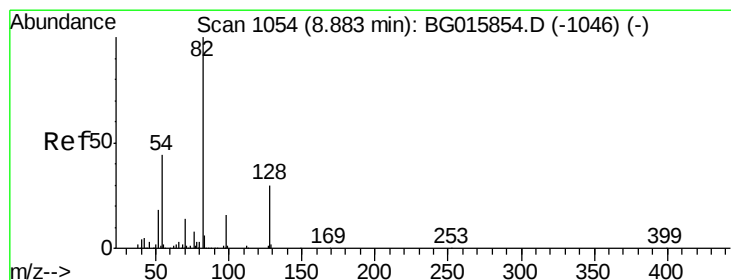
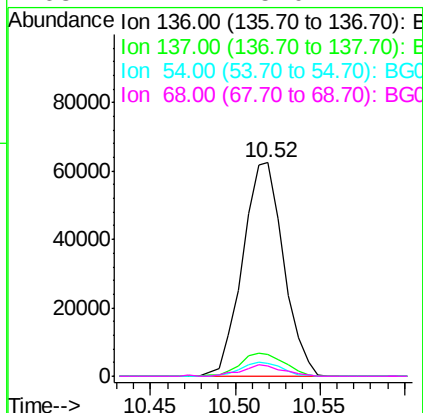
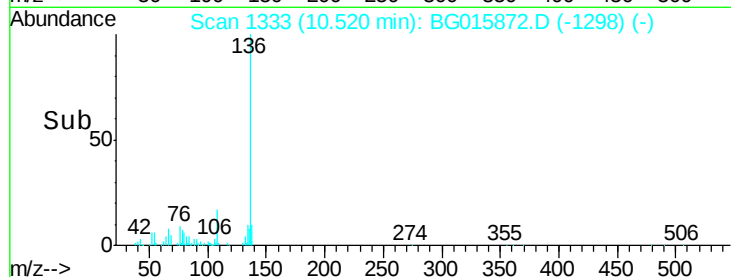
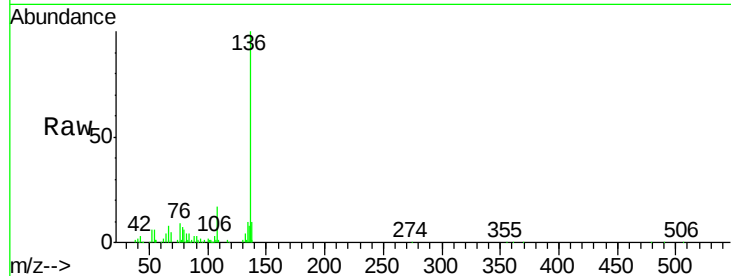




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

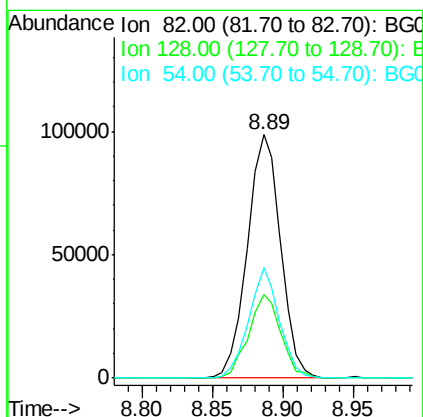
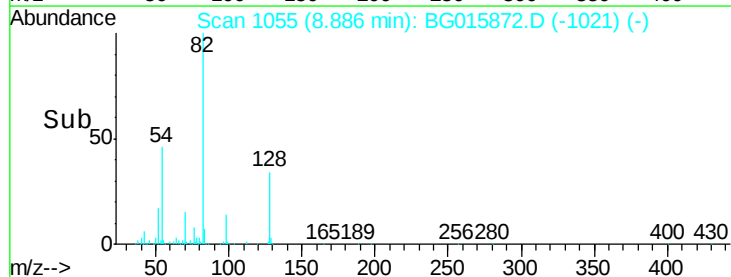
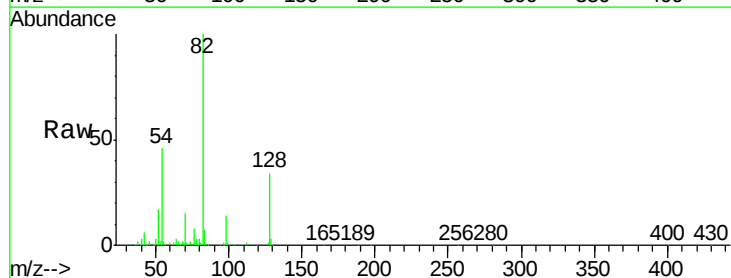
Instrument :
BNA_G
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

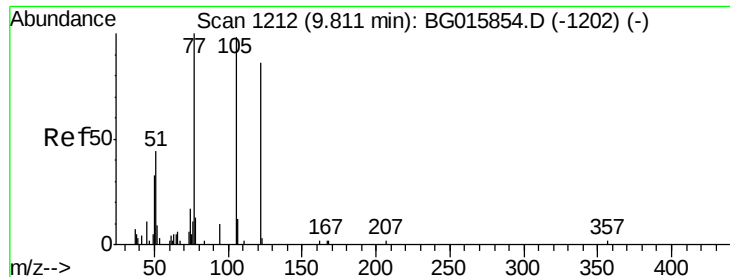
Tgt Ion:	136	Resp:	104976
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	6.3	4.5	6.7
68	4.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 30.52 ng
RT: 8.89 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

Tgt Ion:	82	Resp:	163277
Ion	Ratio	Lower	Upper
82	100		
128	34.5	23.4	35.0
54	45.6	32.3	48.5

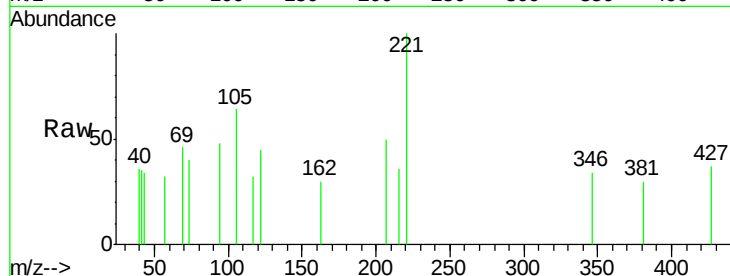




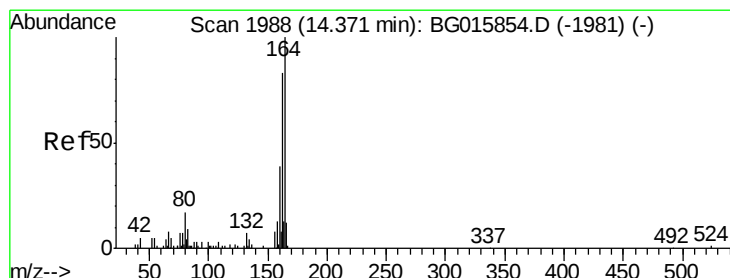
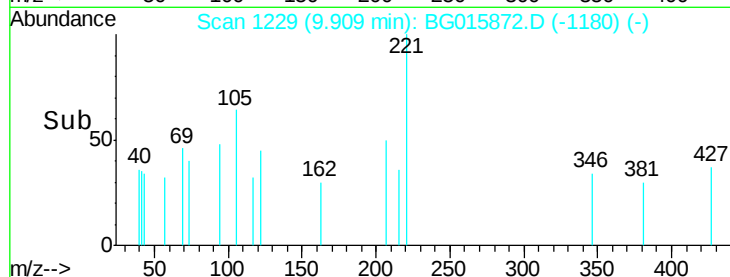
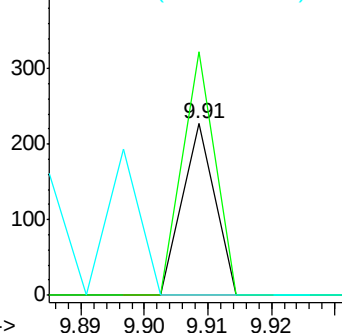
#32
Benzoic acid
Concen: 5.52 ng
RT: 9.91 min Scan# 1229
Delta R.T. 0.09 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

Instrument :
BNA_G
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

Tgt Ion:122 Resp: 80
Ion Ratio Lower Upper
122 100
105 141.9 123.7 163.7
77 0.0 92.4 132.4#

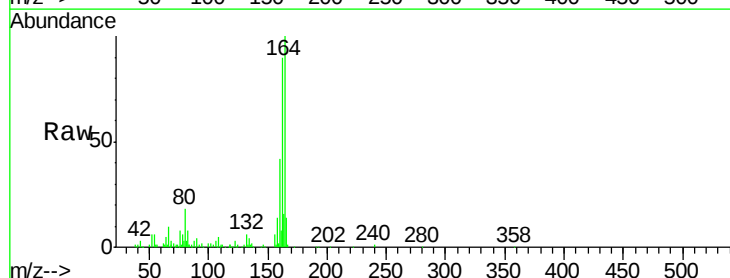


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

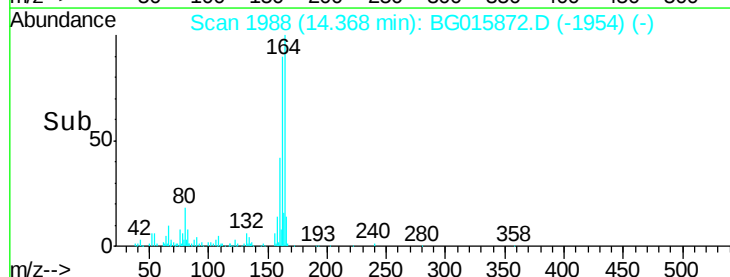
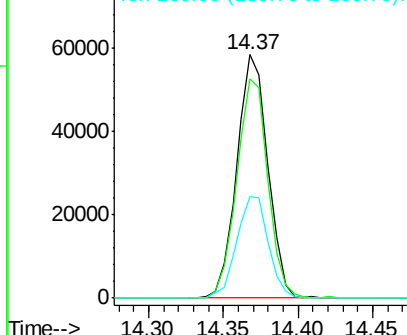


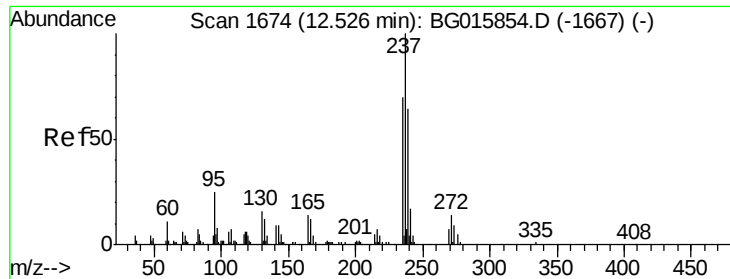
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

Tgt Ion:164 Resp: 84253
Ion Ratio Lower Upper
164 100
162 90.0 75.5 113.3
160 41.8 37.4 56.0



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





#40

Hexachlorocyclopentadiene

Concen: 3.06 ng

RT: 12.53 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

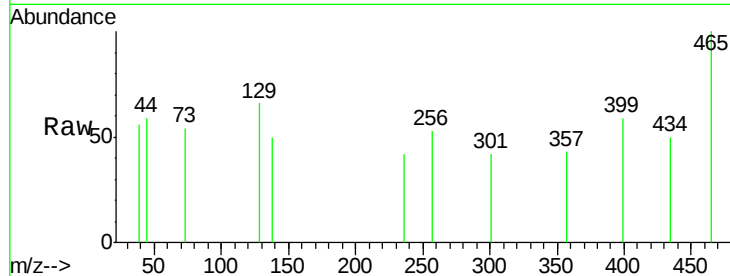
Instrument :

BNA_G

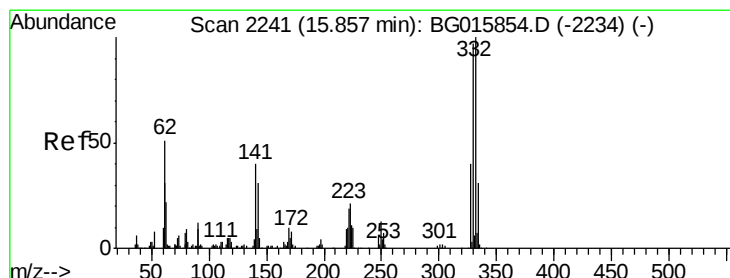
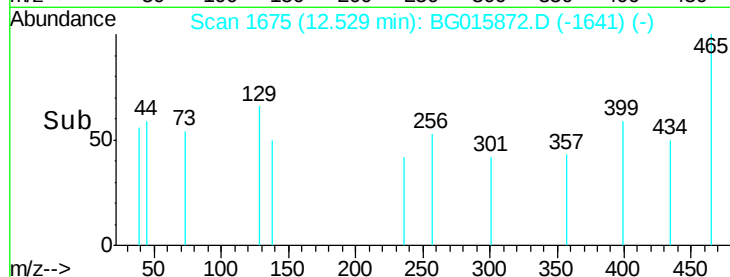
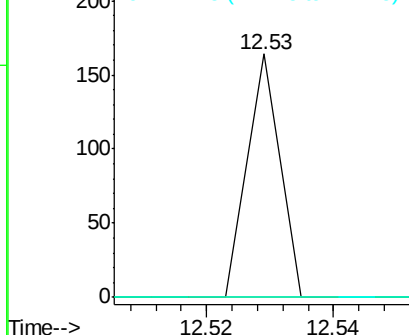
ClientSampleId :

DIN46-WASTE-COMPOSITE-3

Tgt Ion:	237	Resp:	58
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.2	83.2#
272	0.0	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 45.48 ng

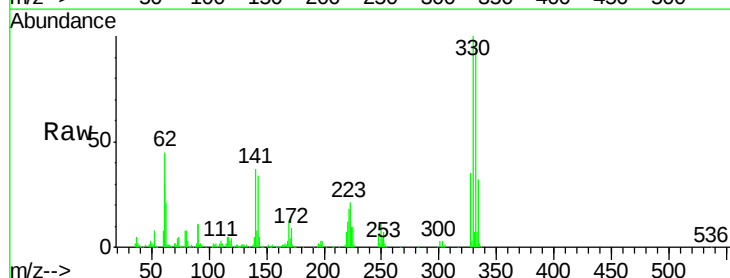
RT: 15.86 min Scan# 2242

Delta R.T. 0.00 min

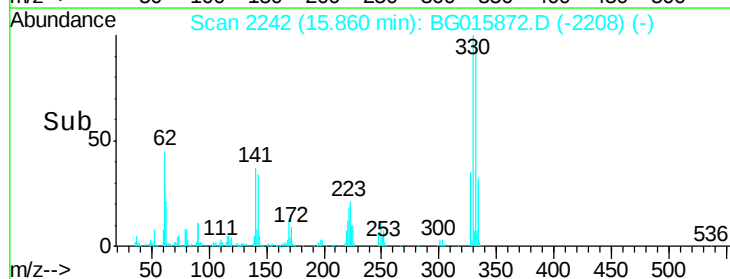
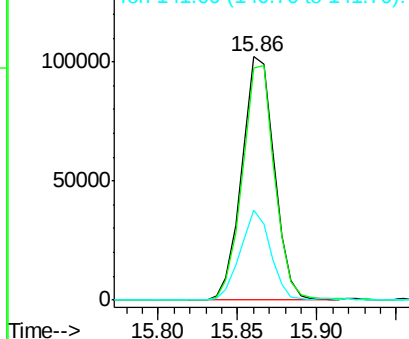
Lab File: BG015872.D

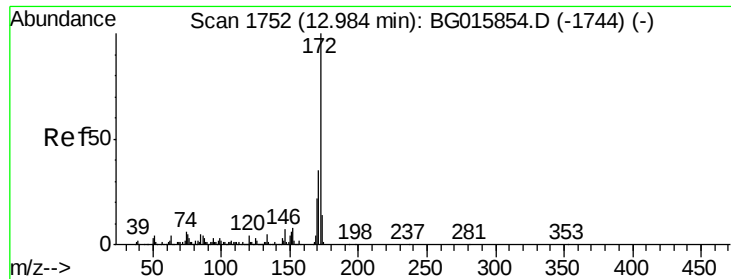
Acq: 9 Jan 2015 16:38

Tgt Ion:	330	Resp:	145676
Ion	Ratio	Lower	Upper
330	100		
332	95.6	73.8	110.8
141	34.4	27.2	40.8



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

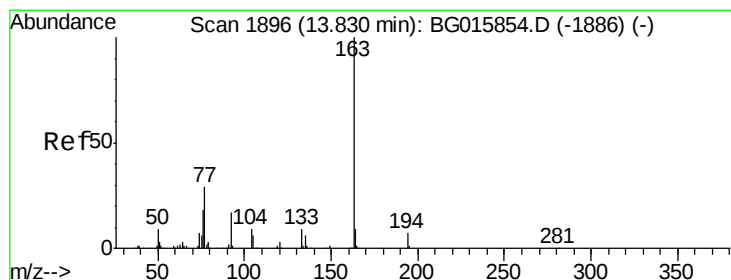
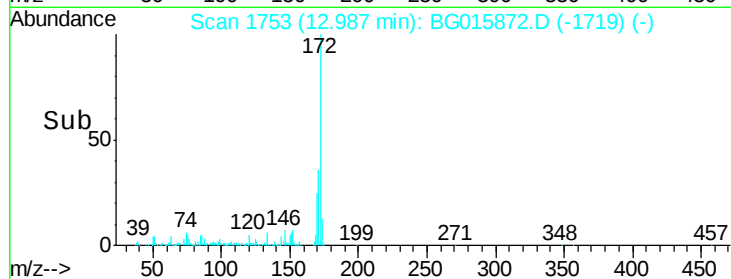
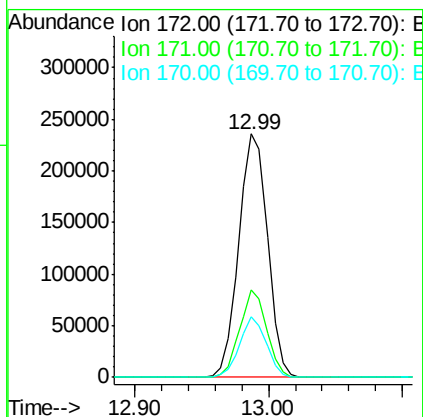
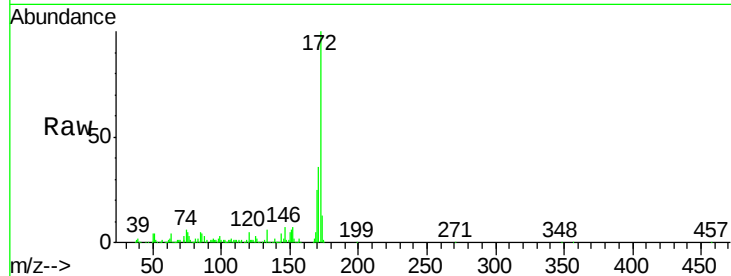




#44
2-Fluorobiphenyl
Concen: 29.75 ng
RT: 12.99 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

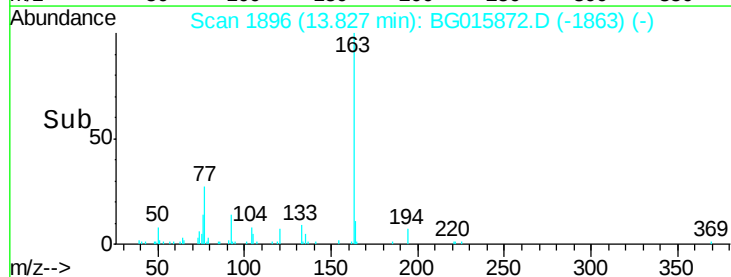
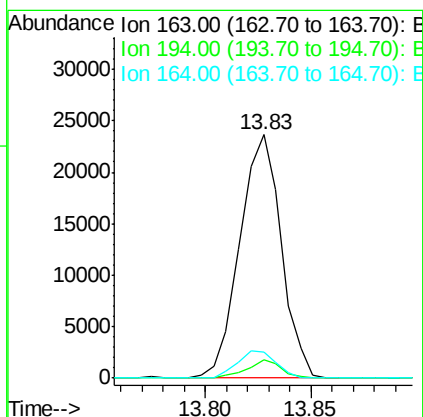
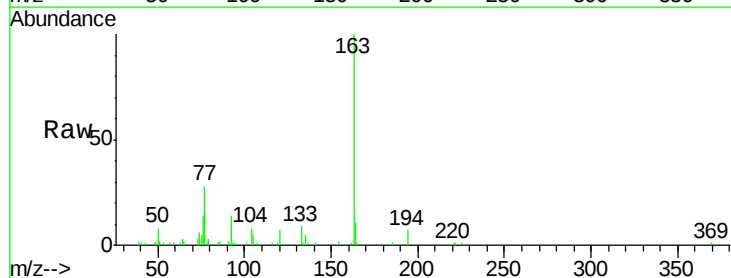
Instrument :
BNA_G
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

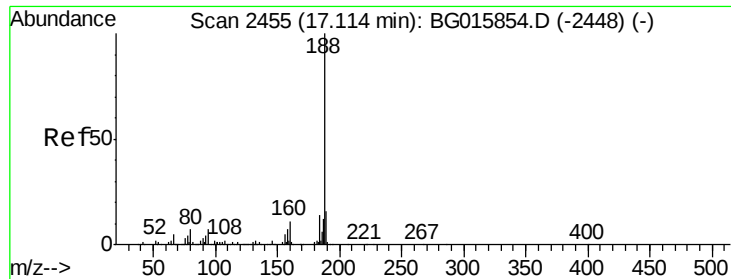
Tgt Ion:172 Resp: 350967
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 25.0 18.2 27.4



#49
Dimethylphthalate
Concen: 5.17 ng
RT: 13.83 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG015872.D
Acq: 9 Jan 2015 16:38

Tgt Ion:163 Resp: 32125
Ion Ratio Lower Upper
163 100
194 7.5 6.7 10.1
164 10.6 7.4 11.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

Instrument :

BNA_G

ClientSampleId :

DIN46-WASTE-COMPOSITE-3

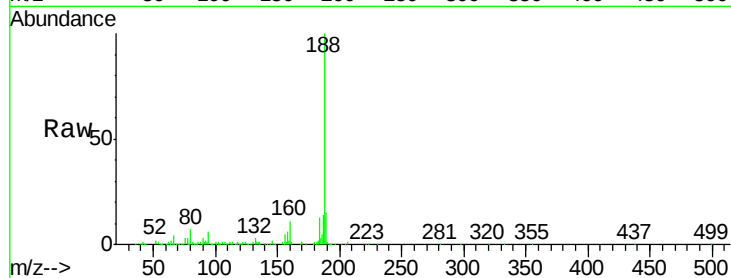
Tgt Ion:188 Resp: 187541

Ion Ratio Lower Upper

188 100

94 6.0 5.4 8.0

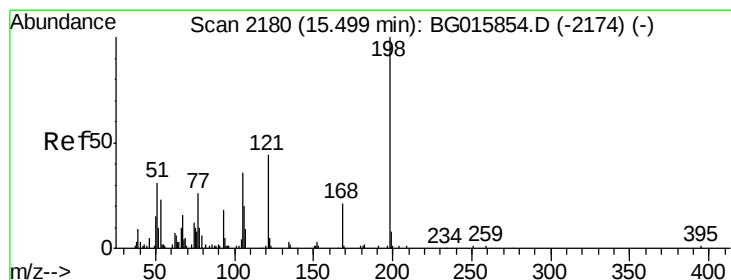
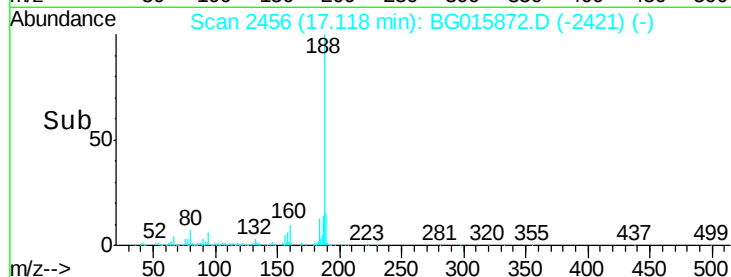
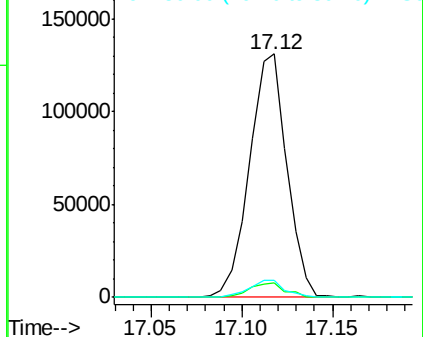
80 6.8 6.6 9.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 3.59 ng

RT: 15.53 min Scan# 2186

Delta R.T. 0.03 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

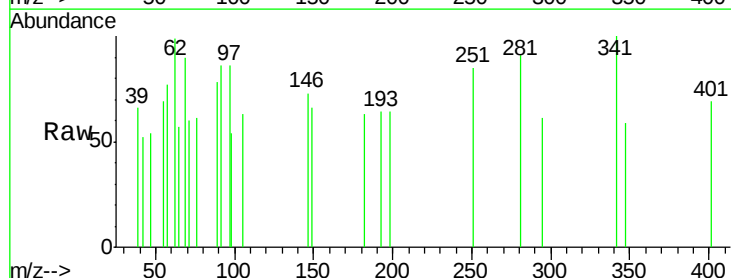
Tgt Ion:198 Resp: 66

Ion Ratio Lower Upper

198 100

51 0.0 13.6 53.6#

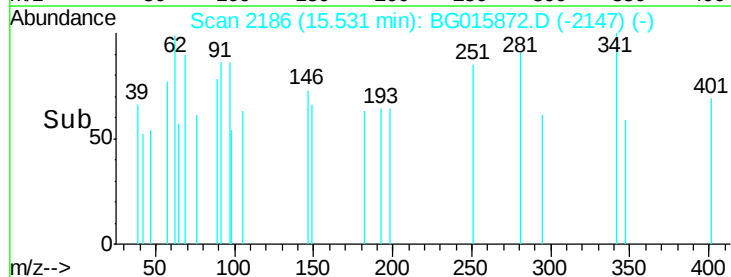
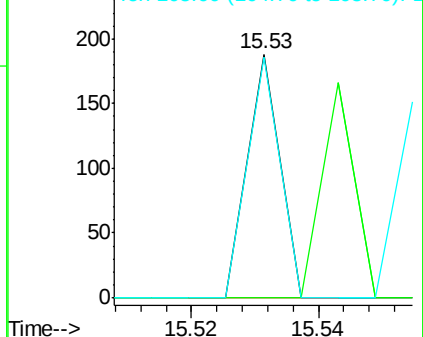
105 98.9 17.9 57.9#

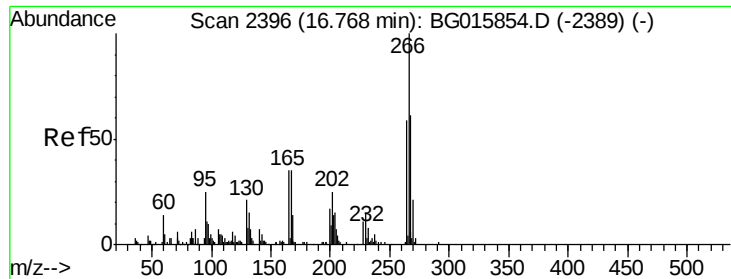


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

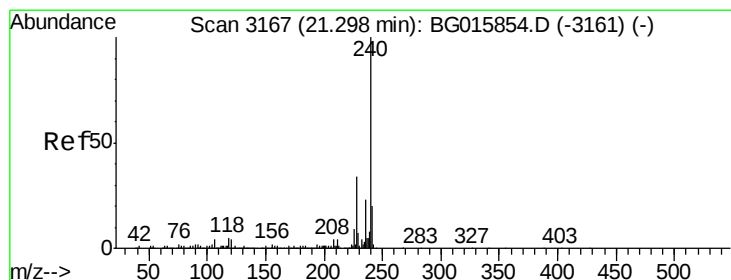
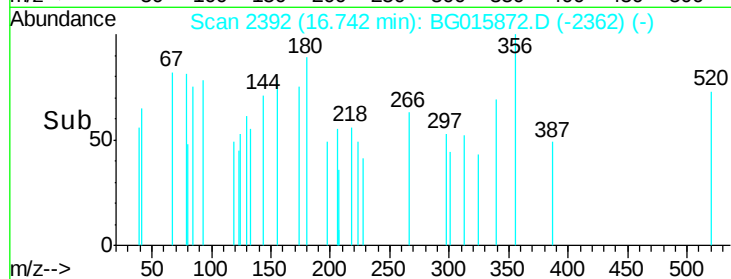
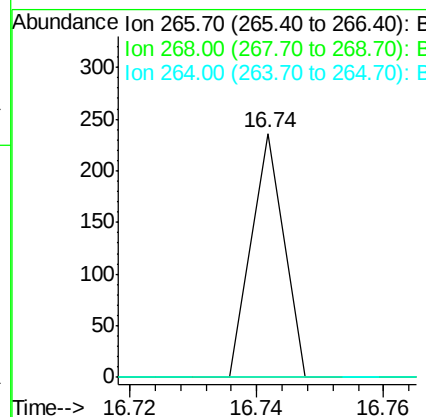
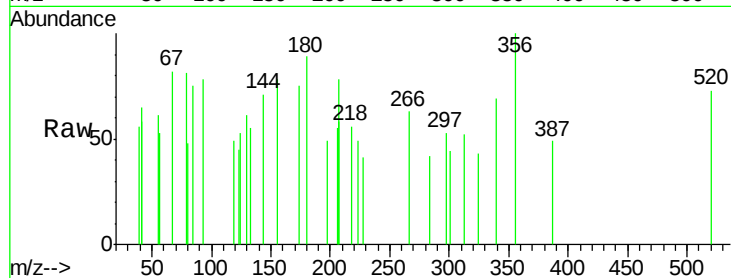




#69
 Pentachlorophenol
 Concen: 3.15 ng
 RT: 16.74 min Scan# 2392
 Delta R.T. -0.02 min
 Lab File: BG015872.D
 Acq: 9 Jan 2015 16:38

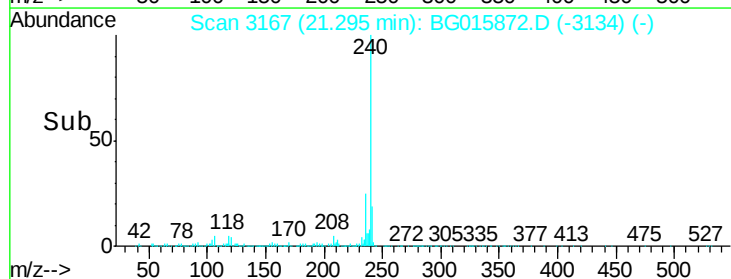
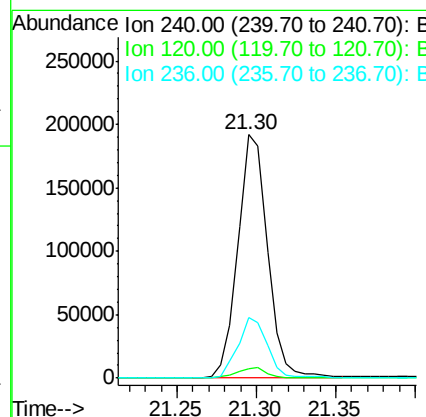
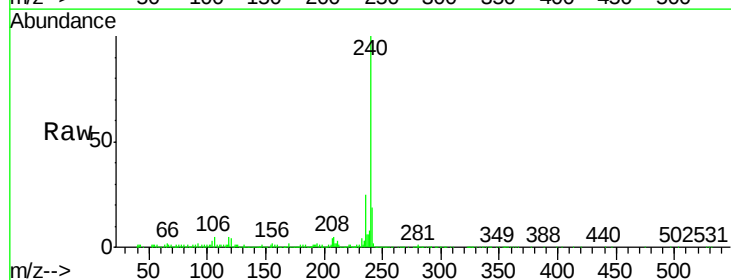
Instrument :
 BNA_G
 ClientSampleId :
 DIN46-WASTE-COMPOSITE-3

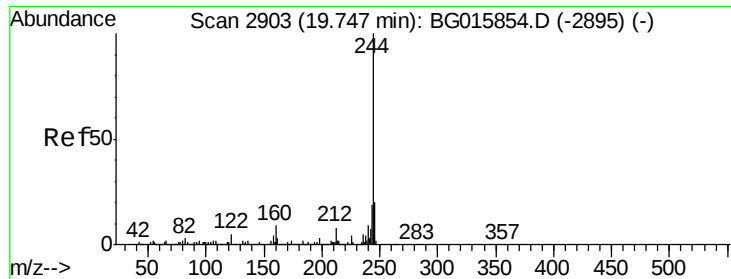
Tgt Ion:266 Resp: 83
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.2 75.2#
 264 0.0 48.2 72.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG015872.D
 Acq: 9 Jan 2015 16:38

Tgt Ion:240 Resp: 251172
 Ion Ratio Lower Upper
 240 100
 120 3.7 3.4 5.2
 236 25.0 19.0 28.6





#78

Terphenyl-d14

Concen: 31.31 ng

RT: 19.74 min Scan# 2903

Delta R.T. 0.00 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

Instrument :

BNA_G

ClientSampleId :

DIN46-WASTE-COMPOSITE-3

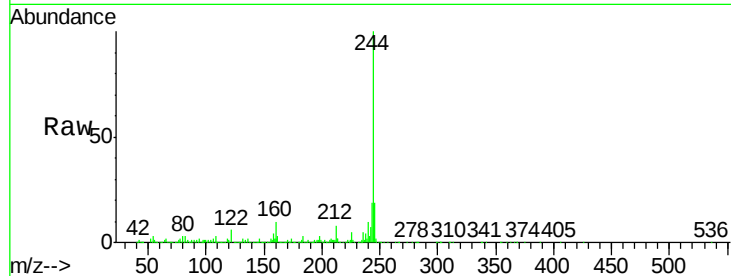
Tgt Ion:244 Resp: 703866

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

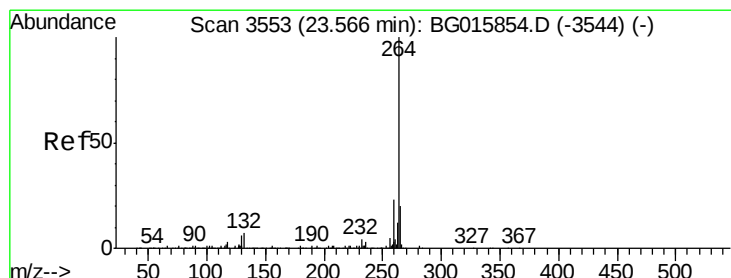
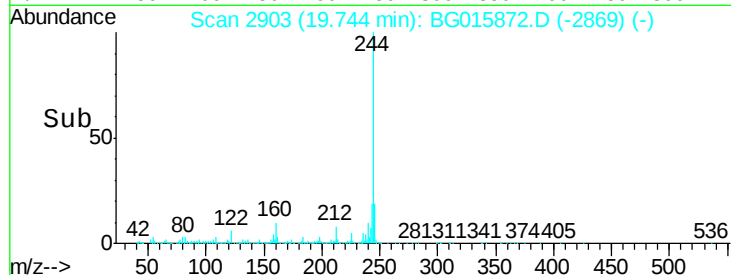
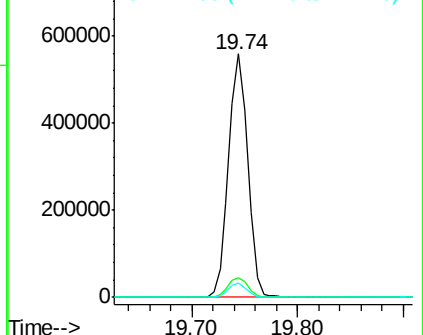
122 6.0 4.7 7.1



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: 23.57 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG015872.D

Acq: 9 Jan 2015 16:38

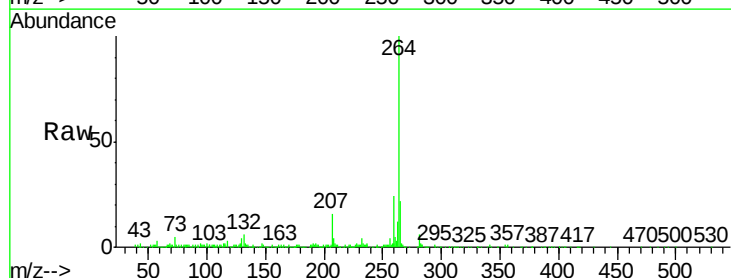
Tgt Ion:264 Resp: 217632

Ion Ratio Lower Upper

264 100

260 24.2 17.0 25.4

265 22.1 17.4 26.0



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

