

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017284.D
 Acq On : 26 May 2015 19:13
 Operator : TP/IZ
 Sample : G2255-07RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512RE

Quant Time: May 27 03:23:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

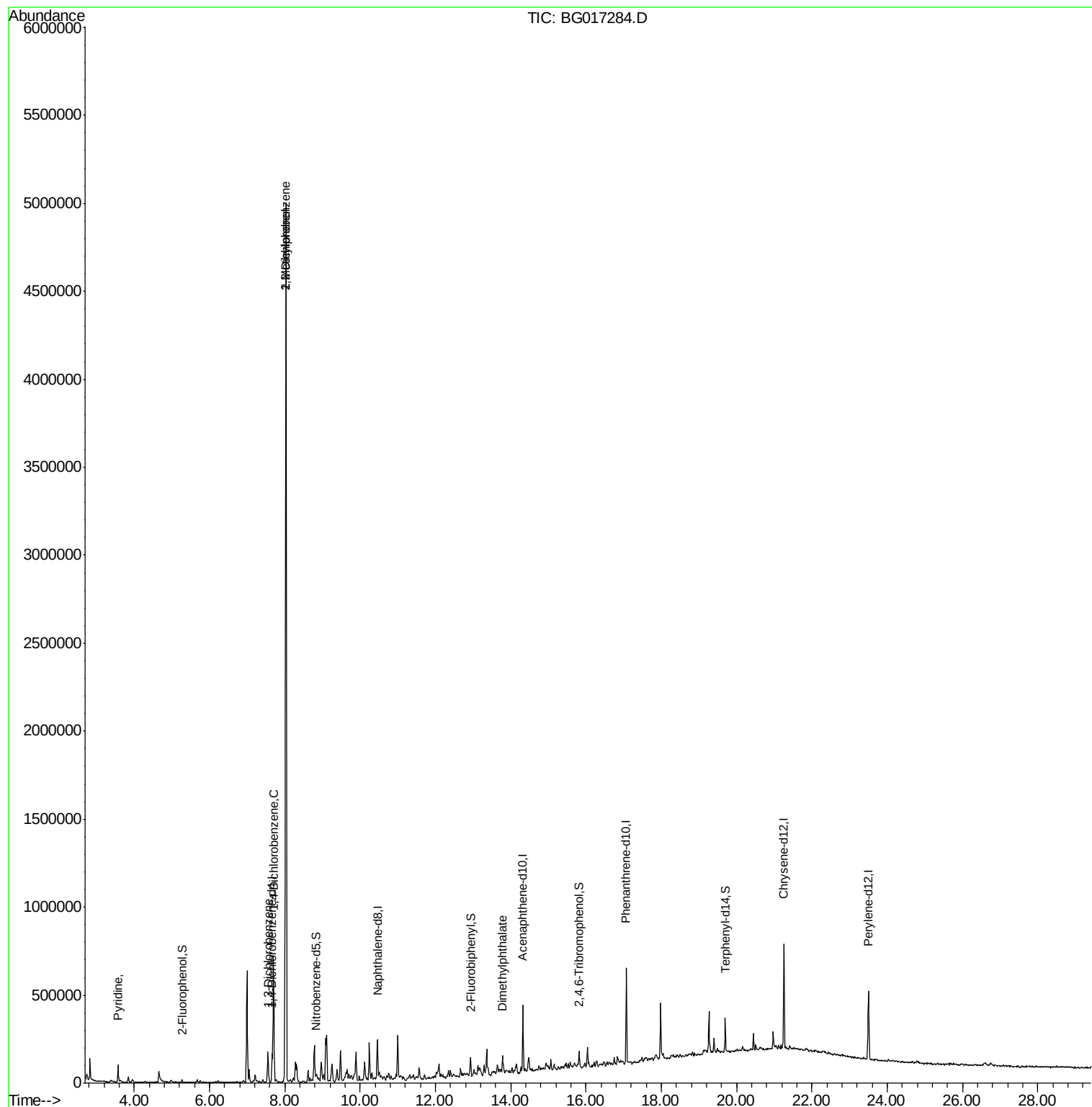
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	38097	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	161585	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	112050	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	264358	20.00	ng	0.00
75) Chrysene-d12	21.25	240	274937	20.00	ng	0.00
86) Perylene-d12	23.50	264	271068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	5320	2.48	ng	0.00
7) Phenol-d6	6.89	99	5495	1.82	ng	0.02
23) Nitrobenzene-d5	8.82	82	14523	4.20	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	12707	9.38	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	35151	4.60	ng	0.00
78) Terphenyl-d14	19.70	244	74094	5.62	ng	0.00
Target Compounds						
3) Pyridine	3.57	79	23785	9.28	ng	# 15
9) Benzaldehyde	6.81	77	532	Below Cal		# 1
12) 1,3-Dichlorobenzene	7.55	146	61641	21.49	ng	96
13) 1,4-Dichlorobenzene	7.70	146	247343	85.41	ng	97
14) 1,2-Dichlorobenzene	8.03	146	1822858	659.02	ng	95
17) 2-Methylphenol	8.03	107	19718	8.51	ng	# 68
49) Dimethylphthalate	13.78	163	51902	5.92	ng	99

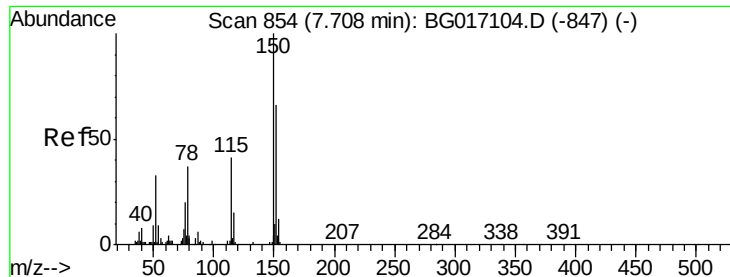
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



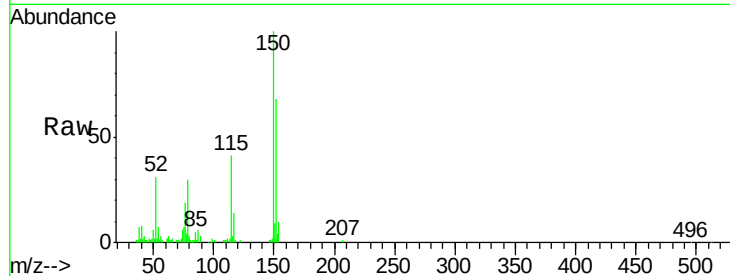


#1

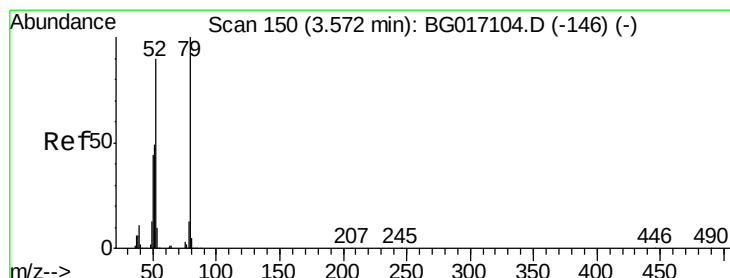
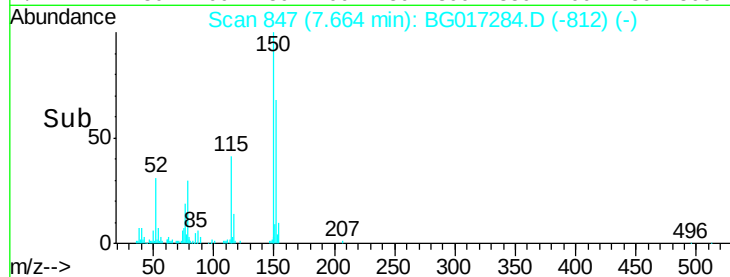
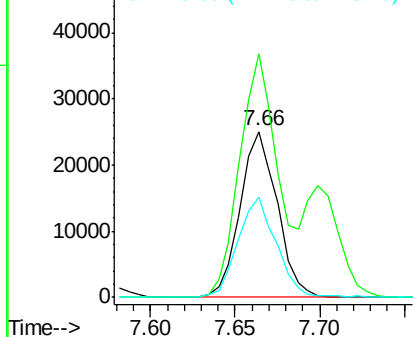
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BG017284.D
 Acq: 26 May 2015 19:13

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512RE

Tgt Ion:152 Resp: 38097
 Ion Ratio Lower Upper
 152 100
 150 147.0 120.8 181.2
 115 60.2 49.4 74.2



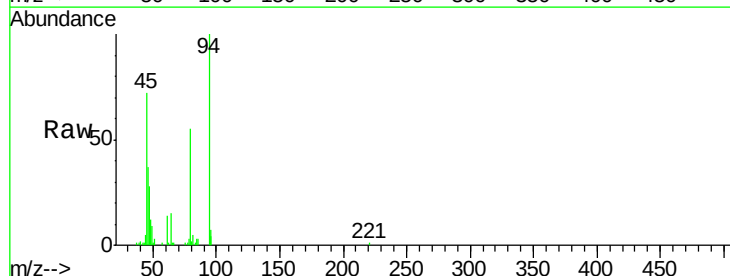
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



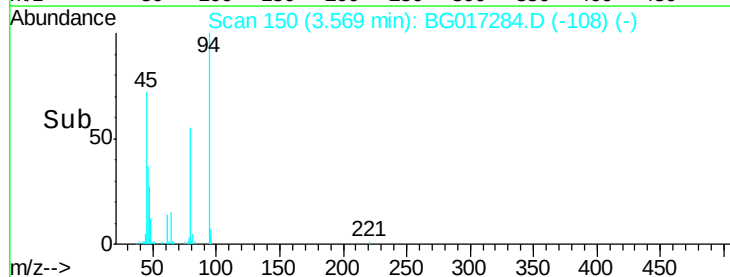
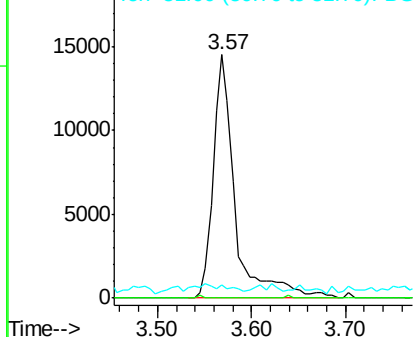
#3

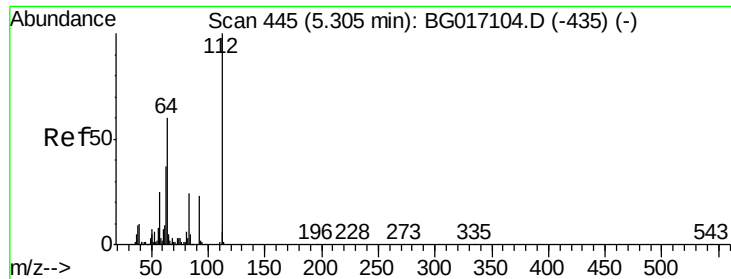
Pyridine
 Concen: 9.28 ng
 RT: 3.57 min Scan# 150
 Delta R.T. 0.04 min
 Lab File: BG017284.D
 Acq: 26 May 2015 19:13

Tgt Ion: 79 Resp: 23785
 Ion Ratio Lower Upper
 79 100
 52 0.0 72.2 108.2#
 51 5.2 40.6 60.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 2.48 ng

RT: 5.27 min Scan# 439

Delta R.T. 0.01 min

Lab File: BG017284.D

Acq: 26 May 2015 19:13

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512RE

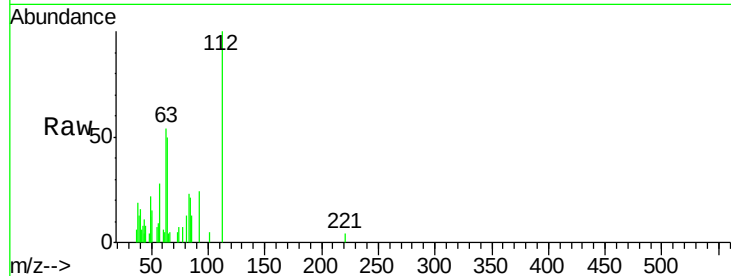
Tgt Ion: 112 Resp: 5320

Ion Ratio Lower Upper

112 100

64 50.4 48.1 72.1

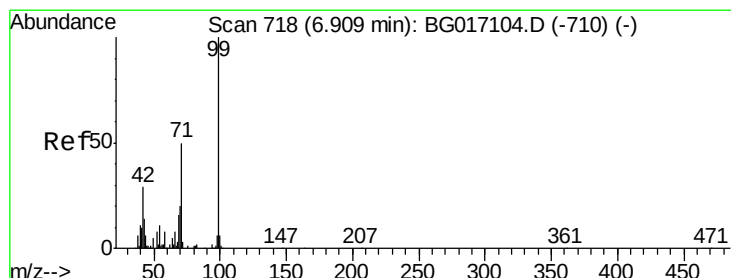
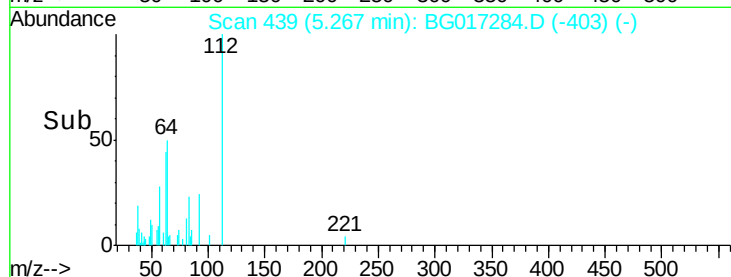
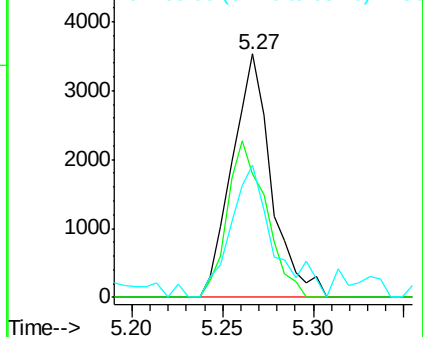
63 54.5 29.8 44.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 1.82 ng

RT: 6.89 min Scan# 716

Delta R.T. 0.02 min

Lab File: BG017284.D

Acq: 26 May 2015 19:13

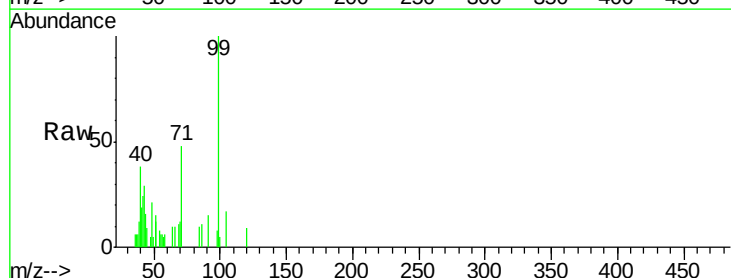
Tgt Ion: 99 Resp: 5495

Ion Ratio Lower Upper

99 100

42 23.6 23.5 35.3

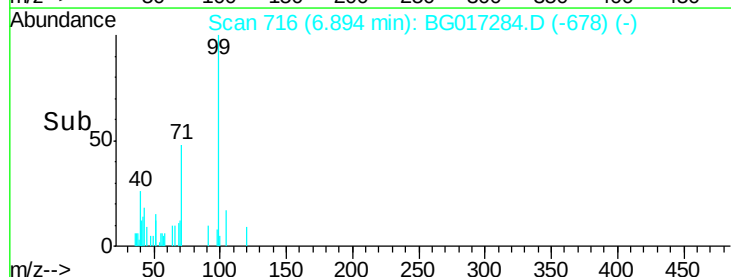
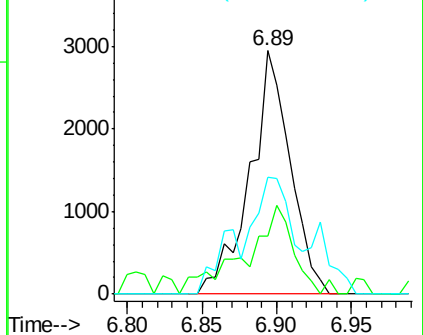
71 48.1 39.8 59.8

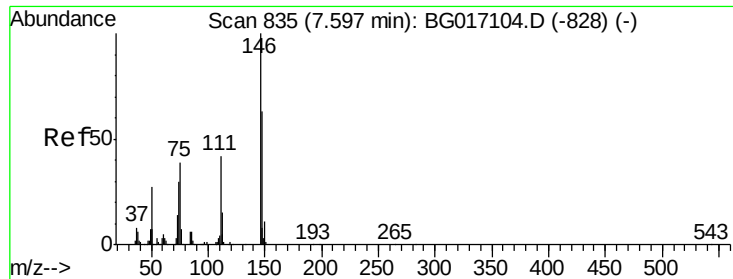


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

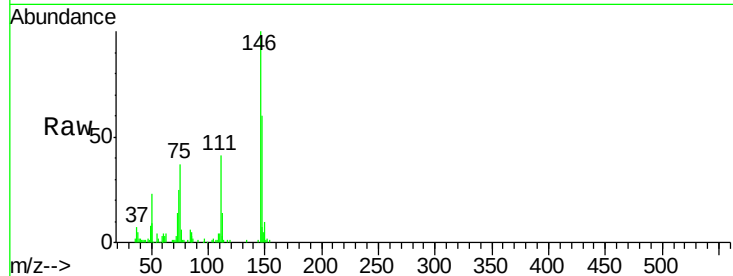




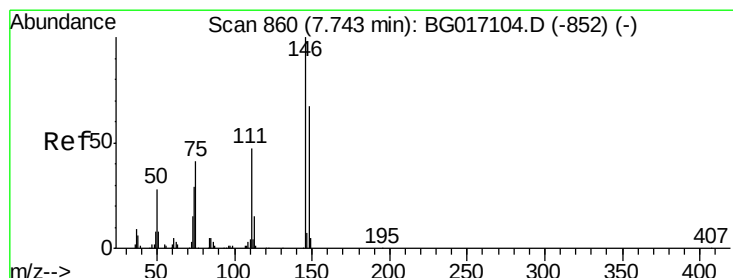
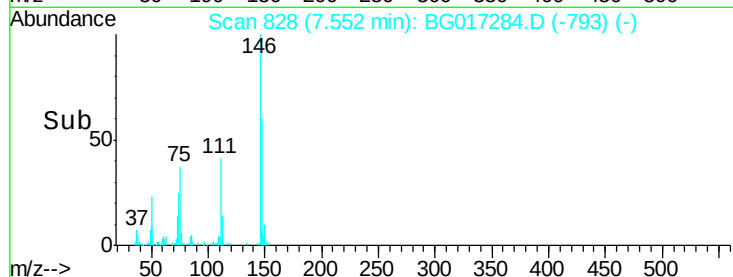
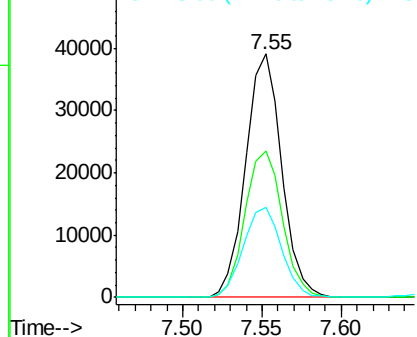
#12
 1,3-Dichlorobenzene
 Concen: 21.49 ng
 RT: 7.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG017284.D
 Acq: 26 May 2015 19:13

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512RE

Tgt Ion:146 Resp: 61641
 Ion Ratio Lower Upper
 146 100
 148 60.1 50.6 75.8
 75 36.8 31.4 47.2

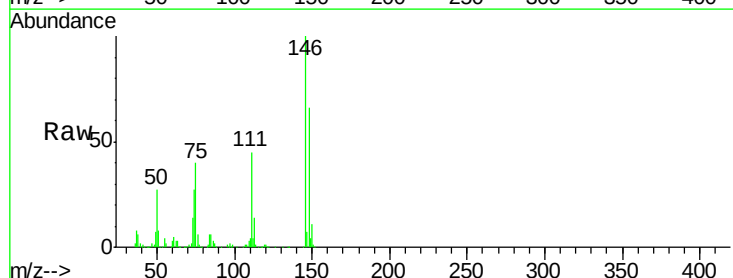


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

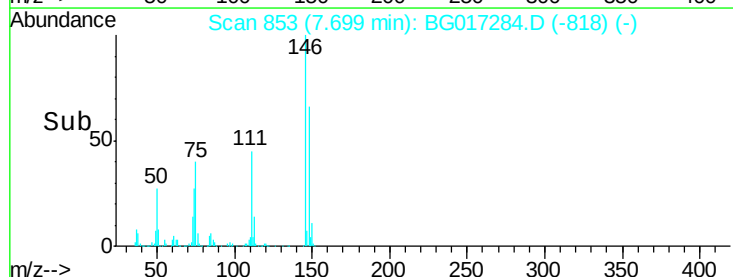
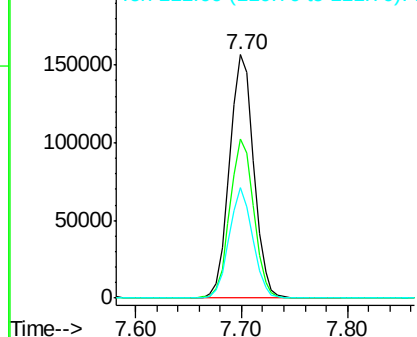


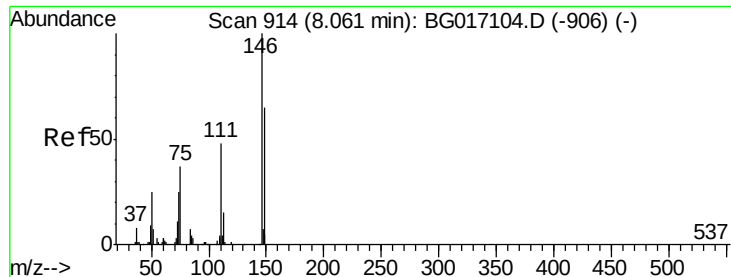
#13
 1,4-Dichlorobenzene
 Concen: 85.41 ng
 RT: 7.70 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG017284.D
 Acq: 26 May 2015 19:13

Tgt Ion:146 Resp: 247343
 Ion Ratio Lower Upper
 146 100
 148 65.6 53.9 80.9
 111 45.1 37.9 56.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

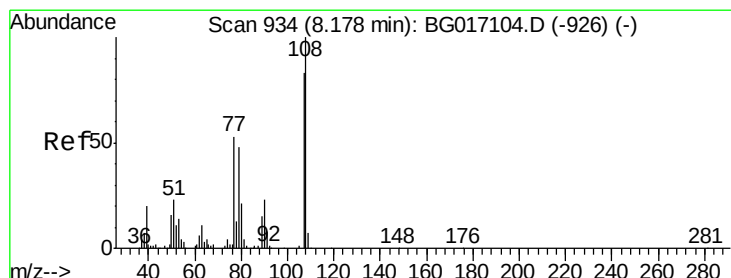
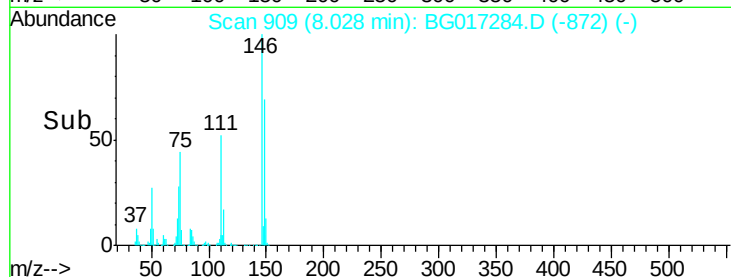
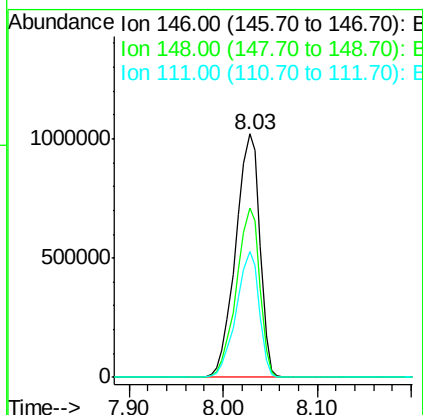
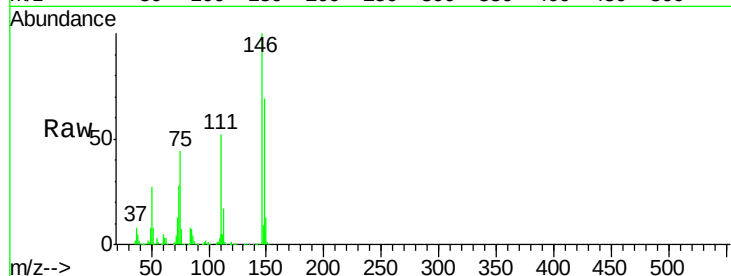




#14
1,2-Dichlorobenzene
Concen: 659.02 ng
RT: 8.03 min Scan# 909
Delta R.T. 0.01 min
Lab File: BG017284.D
Acq: 26 May 2015 19:13

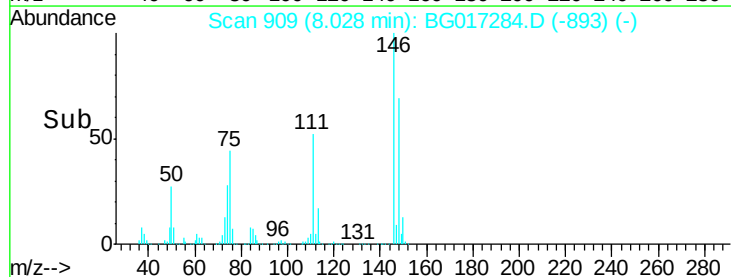
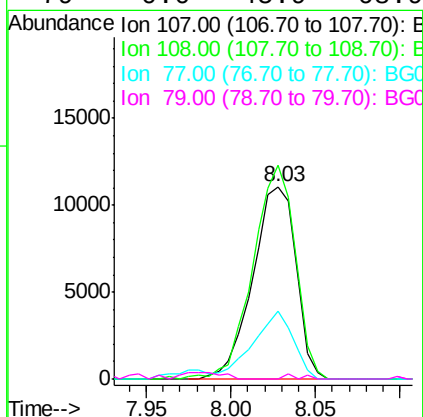
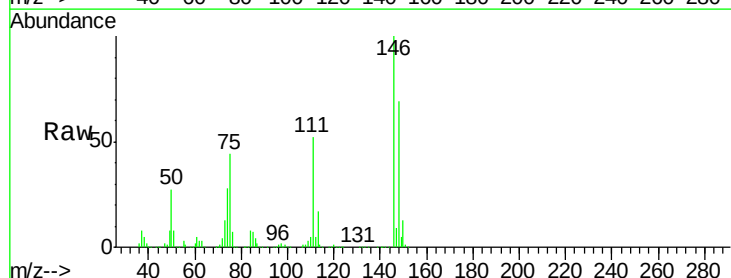
Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512RE

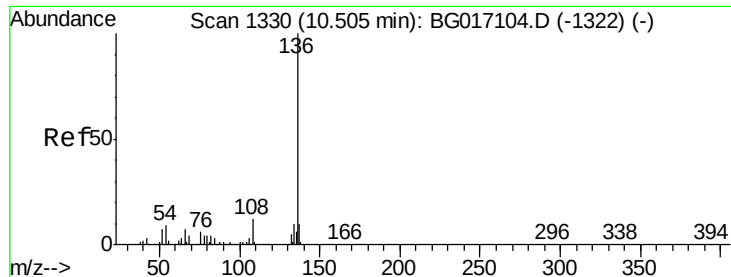
Tgt Ion:146 Resp: 1822858
Ion Ratio Lower Upper
146 100
148 69.3 52.3 78.5
111 51.6 39.0 58.4



#17
2-Methylphenol
Concen: 8.51 ng
RT: 8.03 min Scan# 909
Delta R.T. -0.11 min
Lab File: BG017284.D
Acq: 26 May 2015 19:13

Tgt Ion:107 Resp: 19718
Ion Ratio Lower Upper
107 100
108 111.2 96.6 144.8
77 35.3 51.2 76.8#
79 0.0 45.9 68.9#

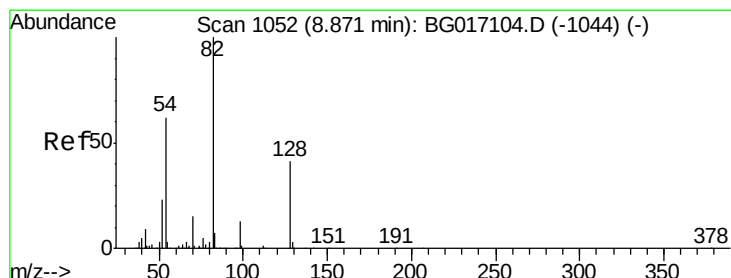
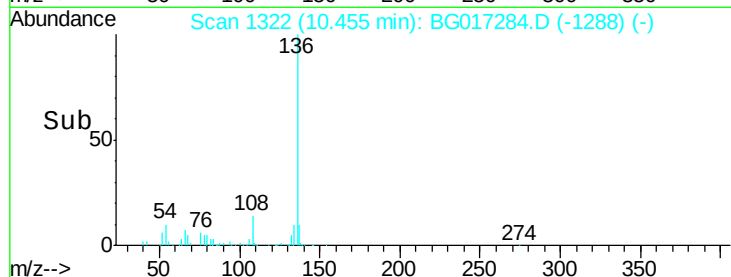
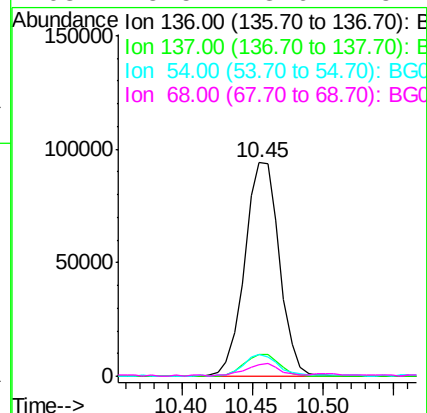
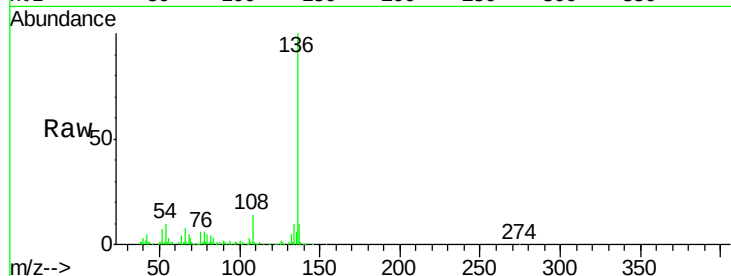




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017284.D
Acq: 26 May 2015 19:13

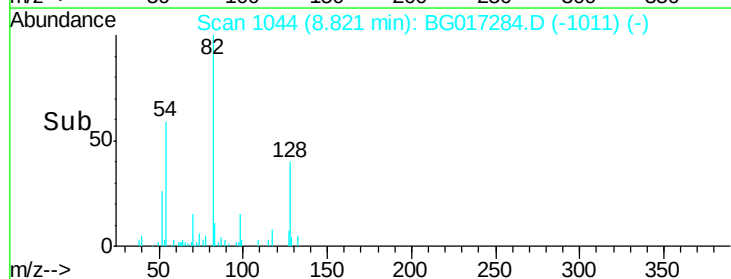
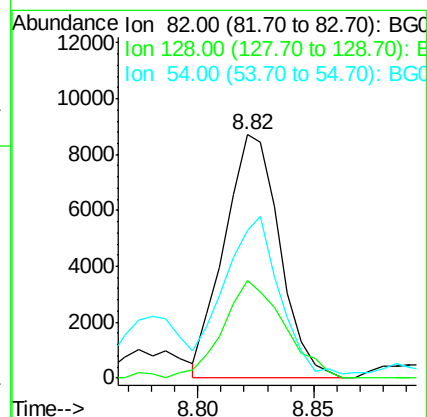
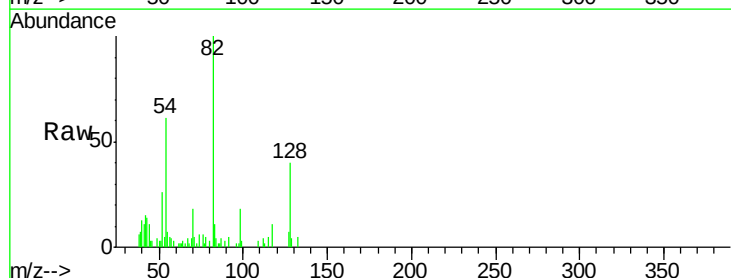
Instrument :
BNA_G
ClientSampleId :
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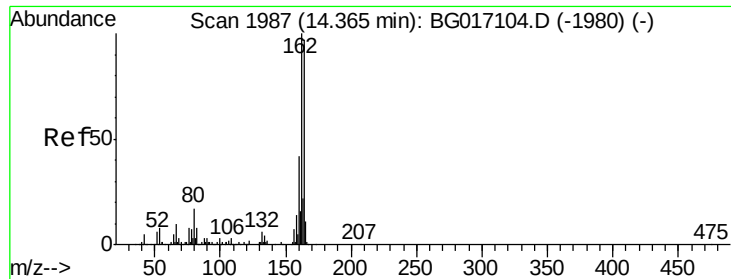
Tgt Ion:	136	Resp:	161585
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	10.0	7.4	11.2
68	5.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 4.20 ng
RT: 8.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG017284.D
Acq: 26 May 2015 19:13

Tgt Ion:	82	Resp:	14523
Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.6	49.0
54	60.9	49.6	74.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG017284.D

Acq: 26 May 2015 19:13

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512RE

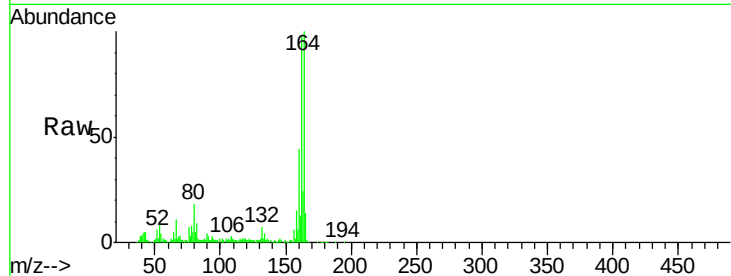
Tgt Ion:164 Resp: 112050

Ion Ratio Lower Upper

164 100

162 98.4 82.1 123.1

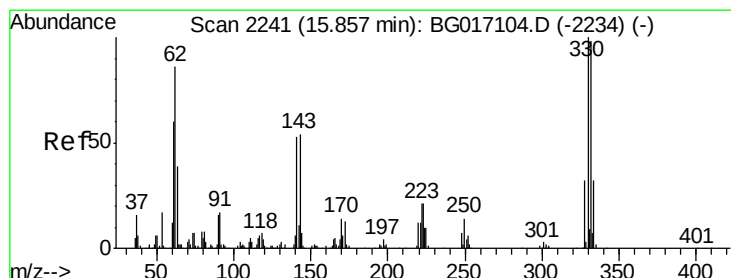
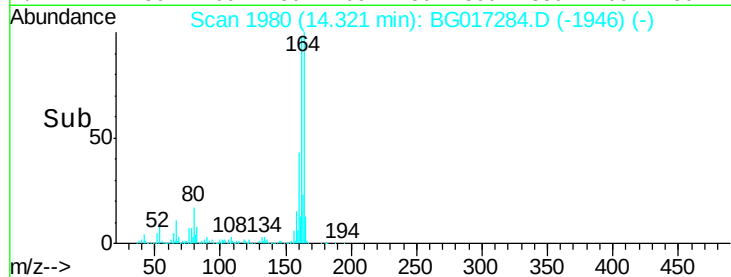
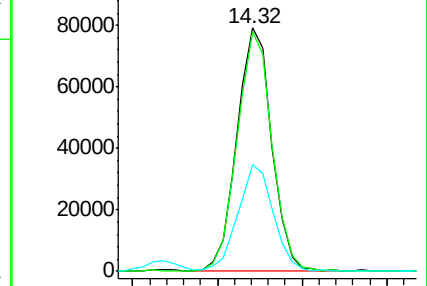
160 43.9 34.8 52.2



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: 9.38 ng

RT: 15.82 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG017284.D

Acq: 26 May 2015 19:13

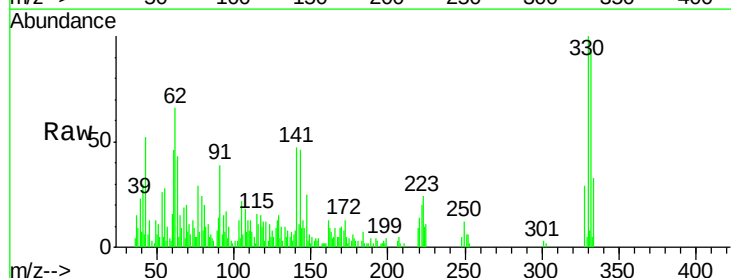
Tgt Ion:330 Resp: 12707

Ion Ratio Lower Upper

330 100

332 93.5 76.9 115.3

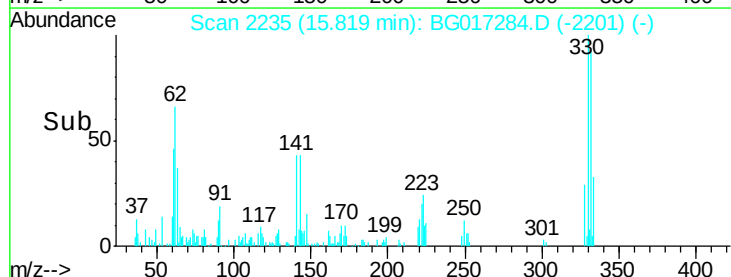
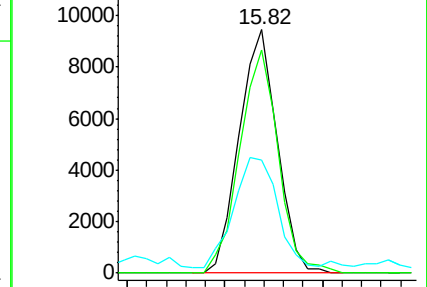
141 51.3 42.2 63.2

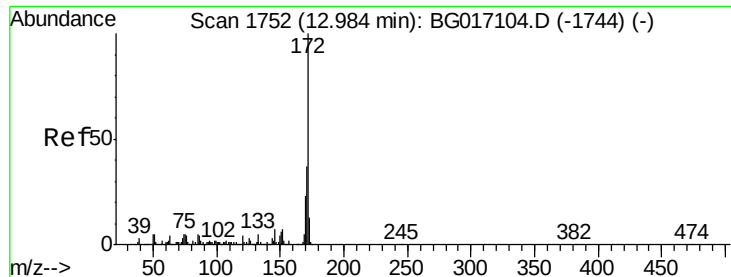


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 4.60 ng

RT: 12.94 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG017284.D

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ClientSampleId :

SS043MW009-150512RE

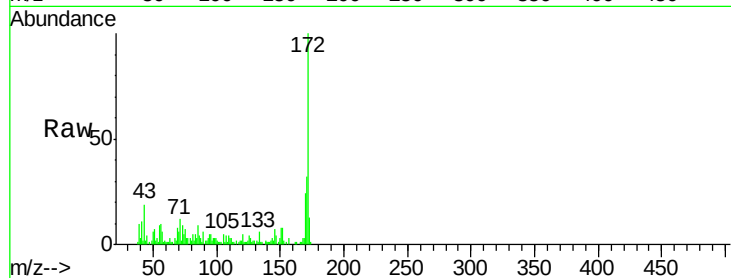
Tgt Ion:172 Resp: 35151

Ion Ratio Lower Upper

172 100

171 32.0 29.7 44.5

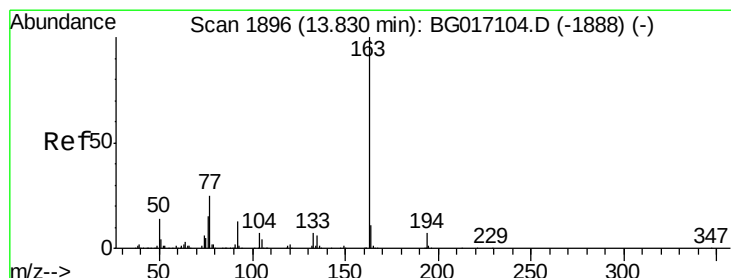
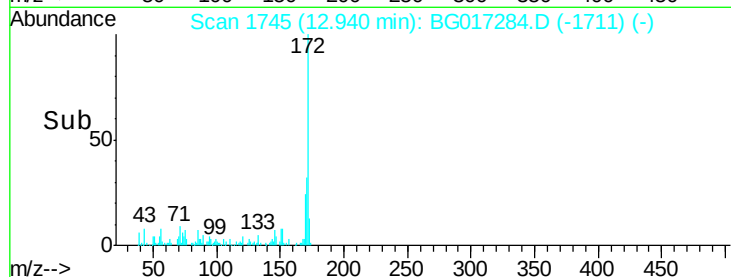
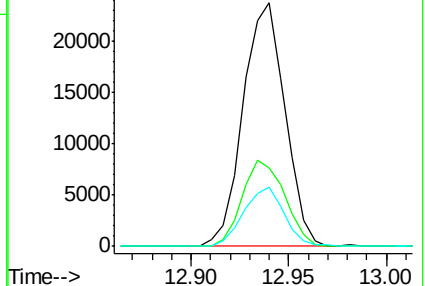
170 24.2 18.4 27.6



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: 5.92 ng

RT: 13.78 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG017284.D

Acq: 26 May 2015 19:13

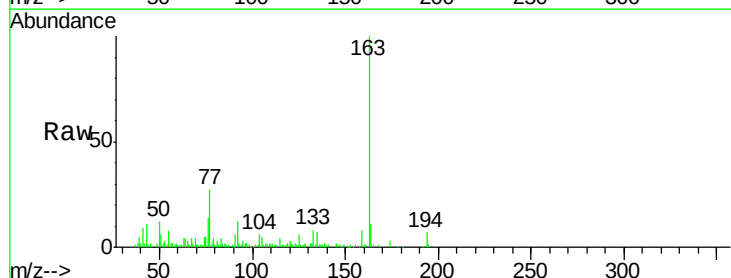
Tgt Ion:163 Resp: 51902

Ion Ratio Lower Upper

163 100

194 6.9 5.6 8.4

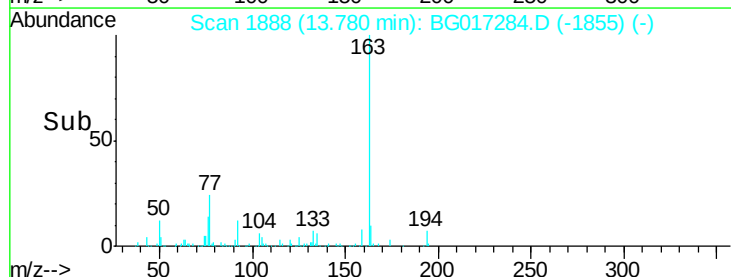
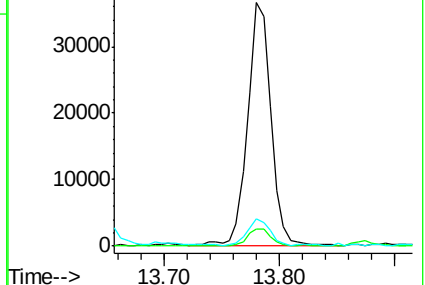
164 11.4 8.6 13.0

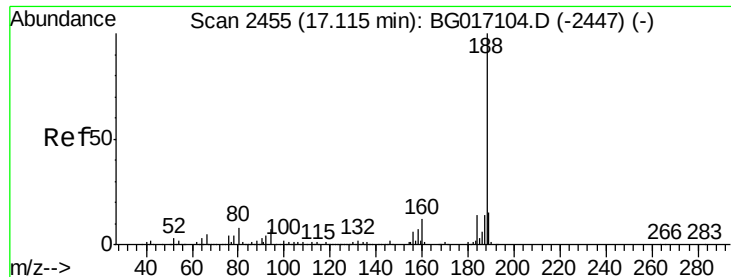


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

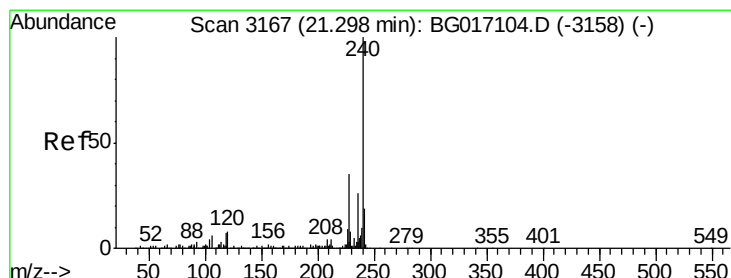
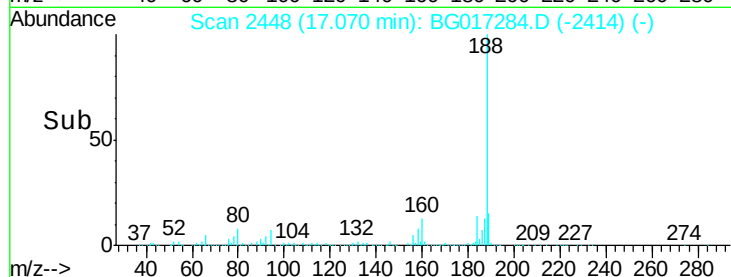
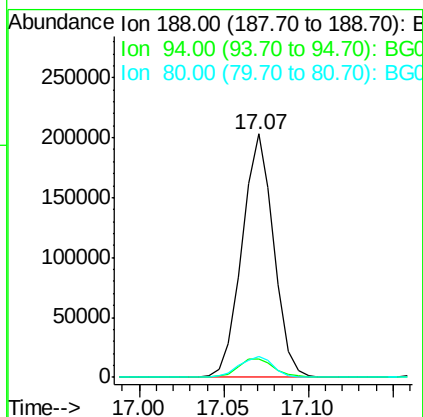
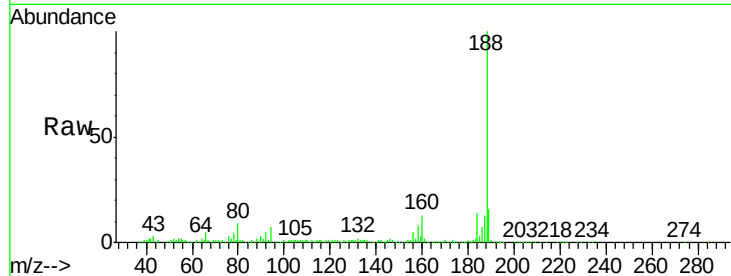




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG017284.D
Acq: 26 May 2015 19:13

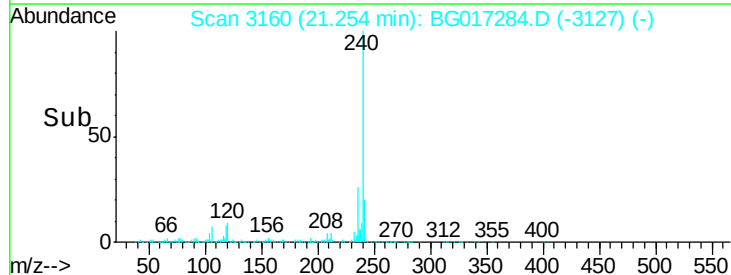
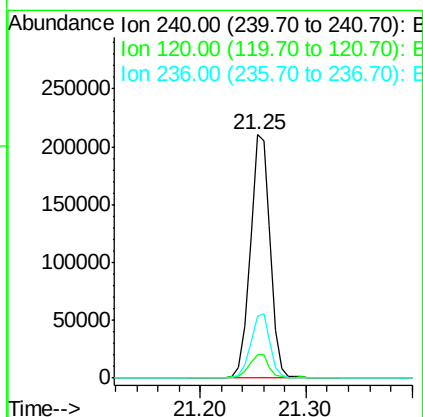
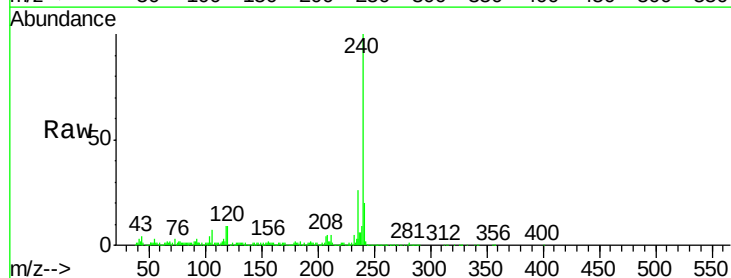
Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512RE

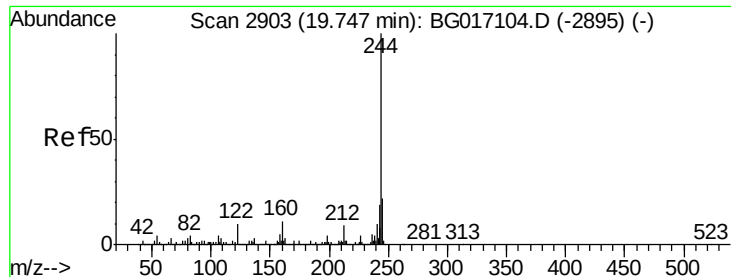
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	8.8	6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG017284.D
Acq: 26 May 2015 19:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.0	9.0#
236	25.7	20.5	30.7





#78

Terphenyl-d14

Concen: 5.62 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017284.D

Acq: 26 May 2015 19:13

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512RE

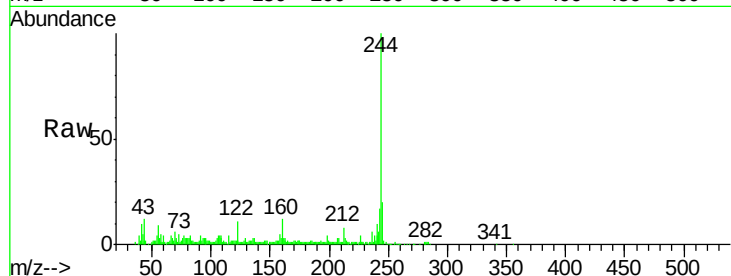
Tgt Ion:244 Resp: 74094

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

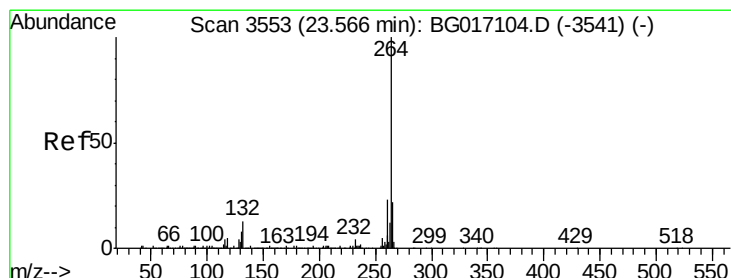
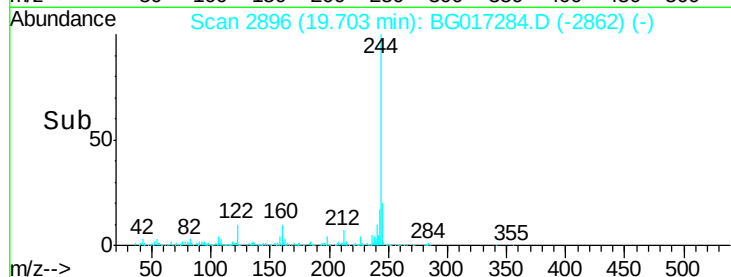
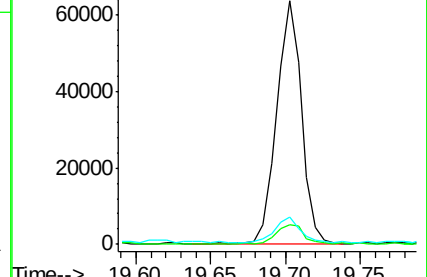
122 11.0 8.4 12.6



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: 23.50 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG017284.D

Acq: 26 May 2015 19:13

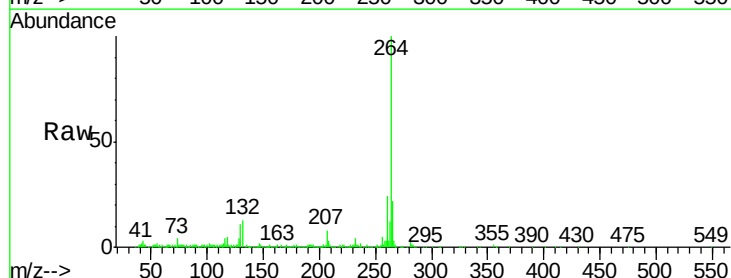
Tgt Ion:264 Resp: 271068

Ion Ratio Lower Upper

264 100

260 23.5 18.0 27.0

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

