

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017247.D
 Acq On : 22 May 2015 15:31
 Operator : TP/IZ
 Sample : G2255-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512

Quant Time: May 23 00:58:15 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 00:52:32 2015
 Response via : Initial Calibration

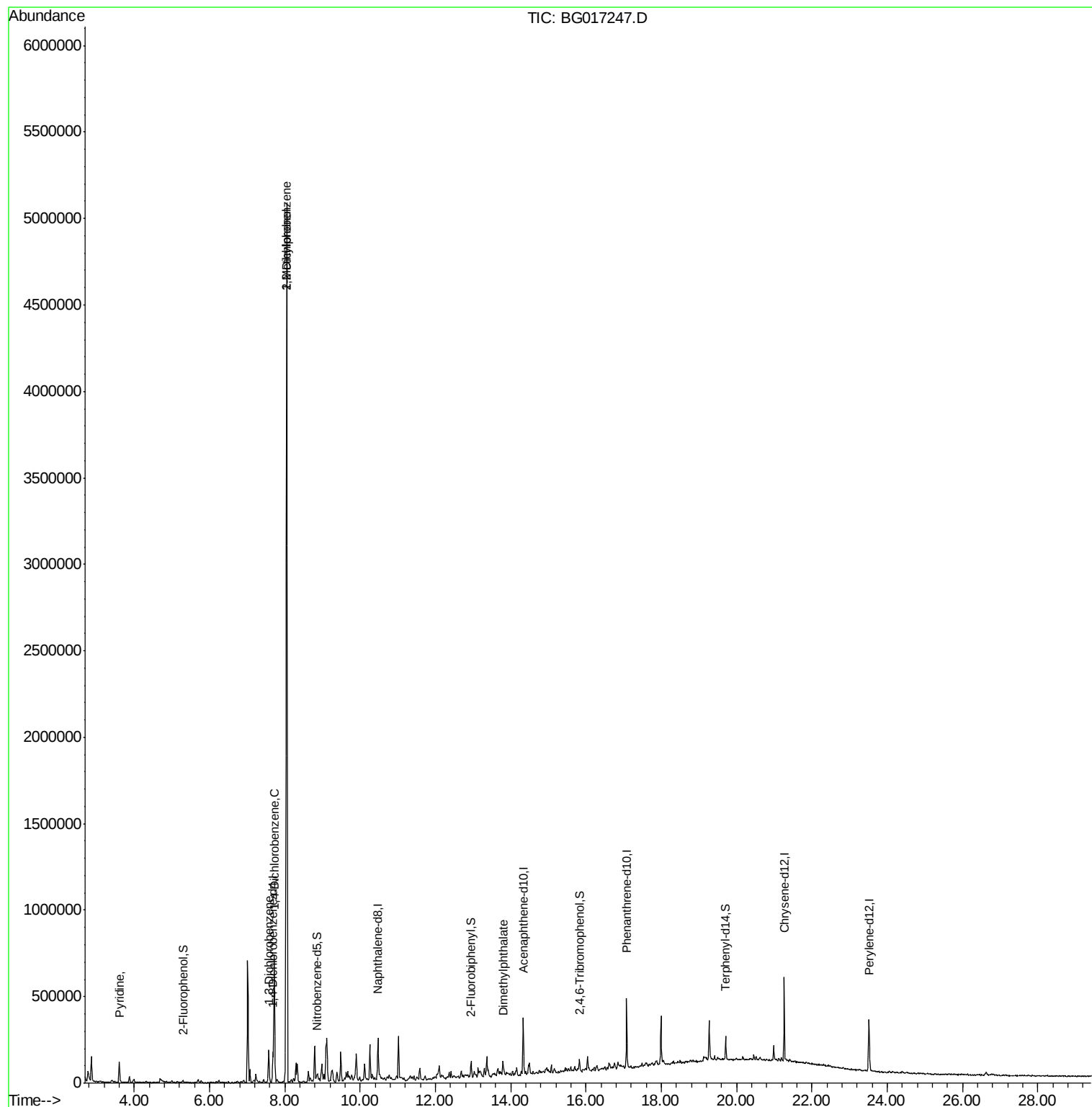
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	37785	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	164075	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	98795	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	200384	20.00	ng	0.00
75) Chrysene-d12	21.27	240	208910	20.00	ng	0.00
86) Perylene-d12	23.52	264	203214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	6101	2.86	ng	0.01
7) Phenol-d6	6.91	99	5797	1.94	ng	0.03
23) Nitrobenzene-d5	8.85	82	14713	4.19	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	9255	7.75	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	30887	4.59	ng	0.00
78) Terphenyl-d14	19.72	244	55909	5.58	ng	0.00
Target Compounds						
3) Pyridine	3.60	79	29900	11.76	ng	# 13
9) Benzaldehyde	6.83	77	660	Below Cal		# 6
12) 1,3-Dichlorobenzene	7.57	146	64430	22.64	ng	95
13) 1,4-Dichlorobenzene	7.72	146	260561	90.72	ng	93
14) 1,2-Dichlorobenzene	8.05	146	1851616	674.95	ng	96
17) 2-Methylphenol	8.05	107	18942	8.24	ng	# 68
49) Dimethylphthalate	13.79	163	40784	5.28	ng	98

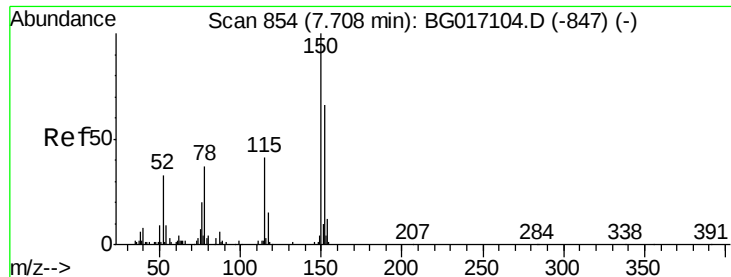
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 23 00:52:32 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512

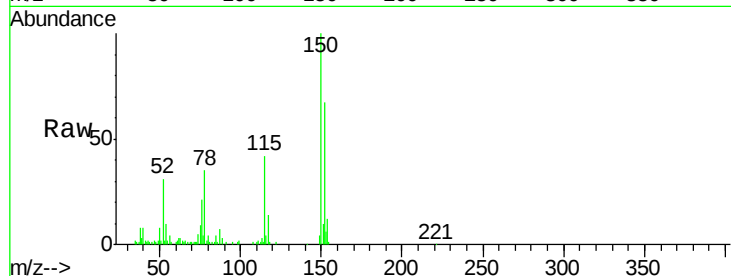
Tgt Ion:152 Resp: 37785

Ion Ratio Lower Upper

152 100

150 149.4 120.8 181.2

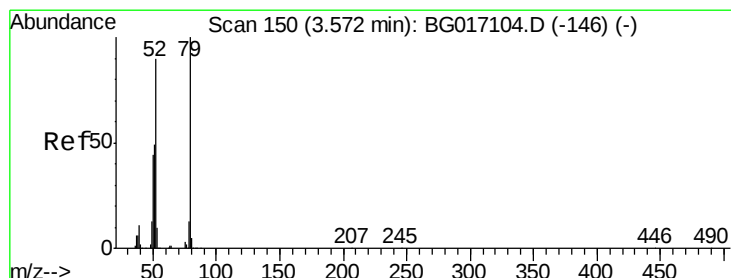
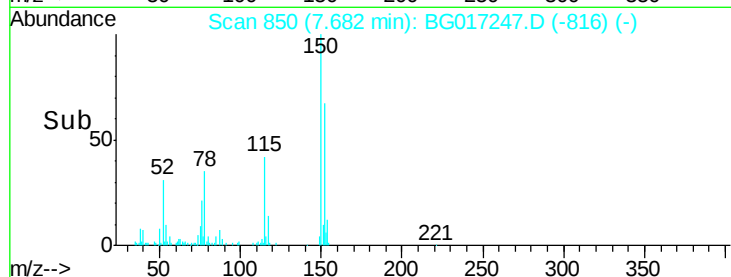
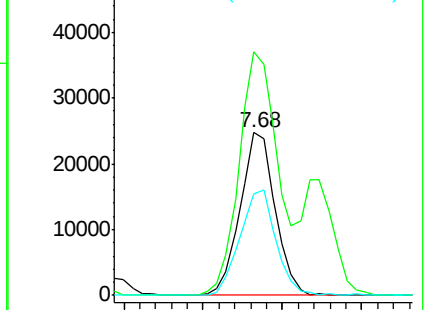
115 62.5 49.4 74.2



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: 11.76 ng

RT: 3.60 min Scan# 155

Delta R.T. 0.05 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

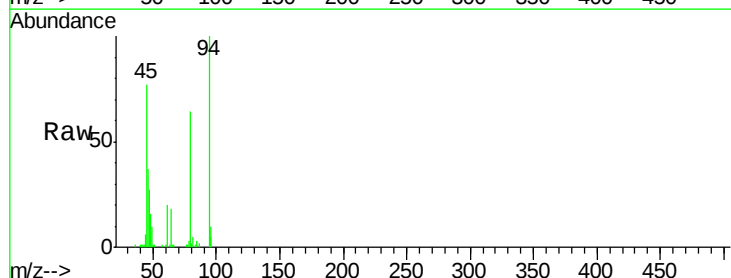
Tgt Ion: 79 Resp: 29900

Ion Ratio Lower Upper

79 100

52 0.0 72.2 108.2#

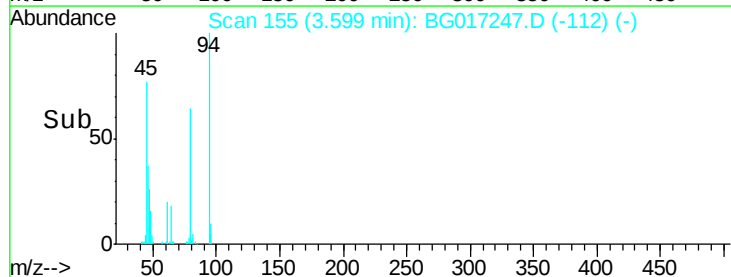
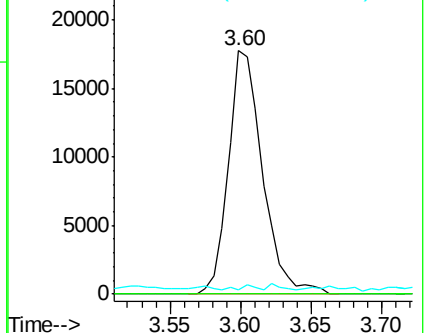
51 1.6 40.6 60.8#

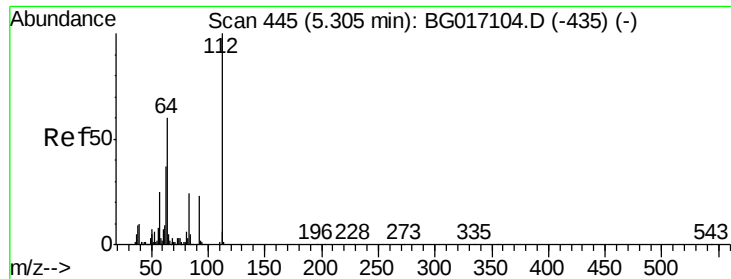


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 2.86 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

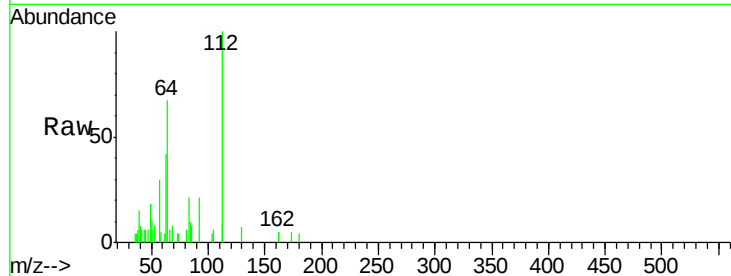
Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512

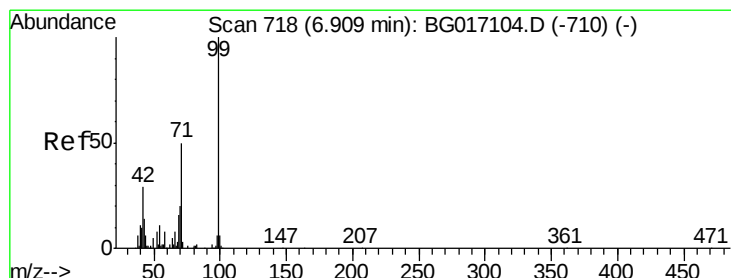
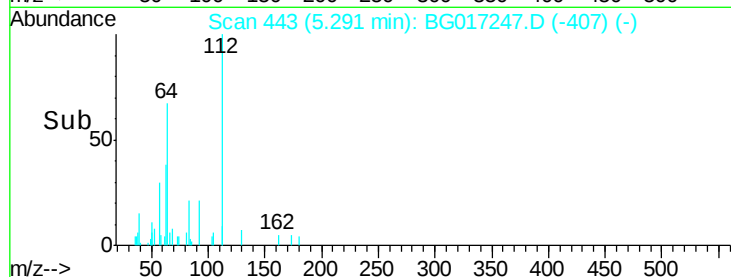
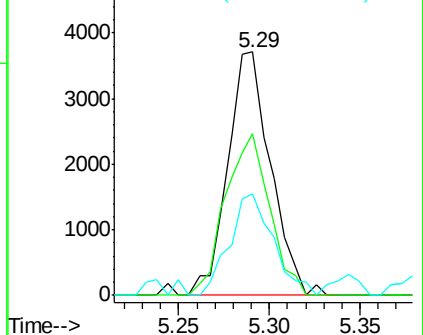
Tgt Ion:	112	Resp:	6101
Ion	Ratio	Lower	Upper
112	100		
64	66.6	48.1	72.1
63	41.9	29.8	44.8



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: 1.94 ng

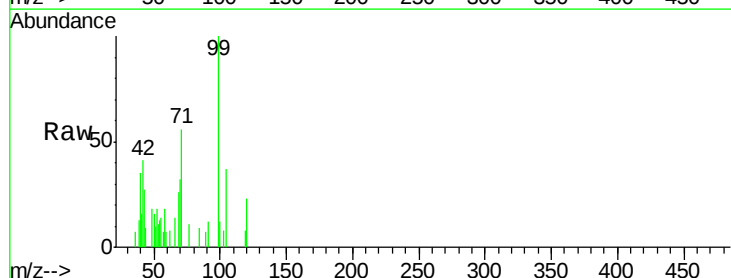
RT: 6.91 min Scan# 719

Delta R.T. 0.03 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

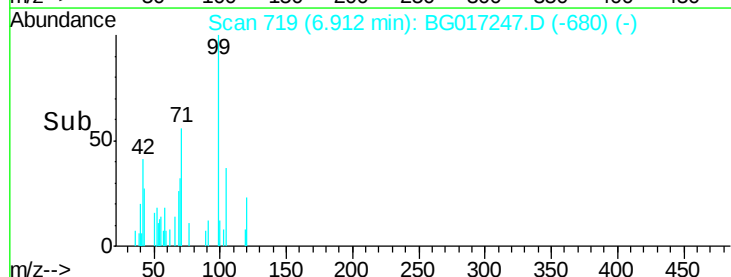
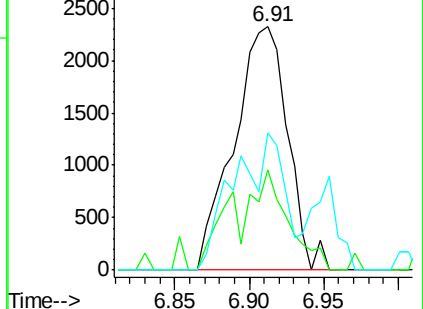
Tgt Ion:	99	Resp:	5797
Ion	Ratio	Lower	Upper
99	100		
42	41.3	23.5	35.3#
71	56.2	39.8	59.8

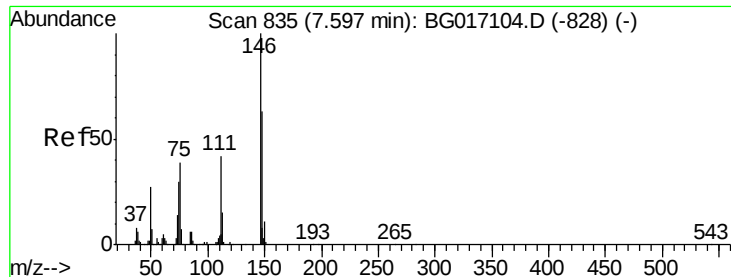


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#12

1,3-Dichlorobenzene

Concen: 22.64 ng

RT: 7.57 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512

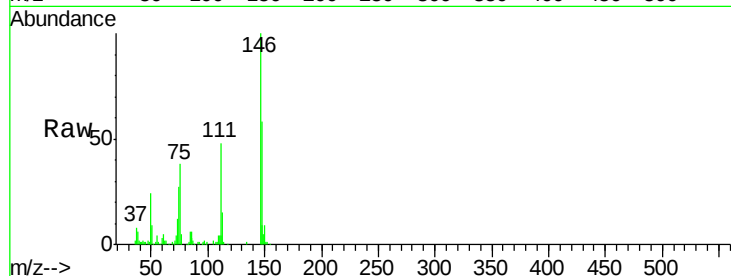
Tgt Ion:146 Resp: 64430

Ion Ratio Lower Upper

146 100

148 57.8 50.6 75.8

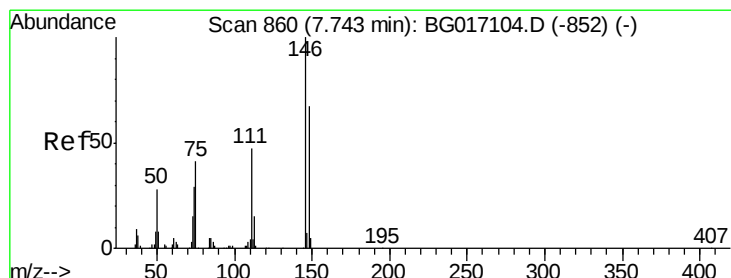
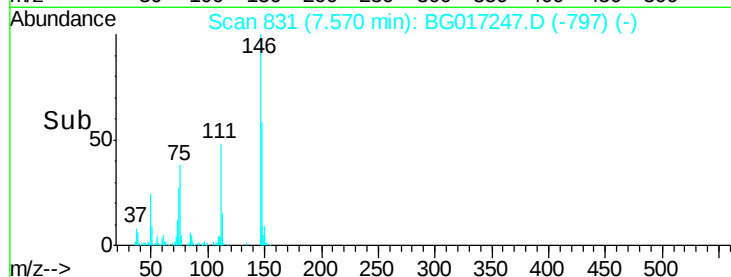
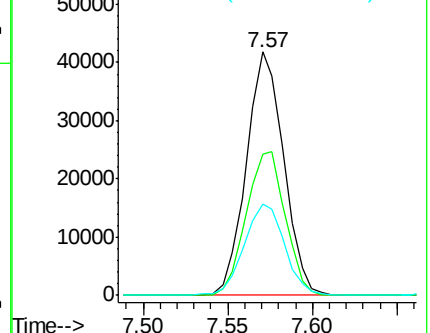
75 37.7 31.4 47.2



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): BGC



#13

1,4-Dichlorobenzene

Concen: 90.72 ng

RT: 7.72 min Scan# 857

Delta R.T. 0.01 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

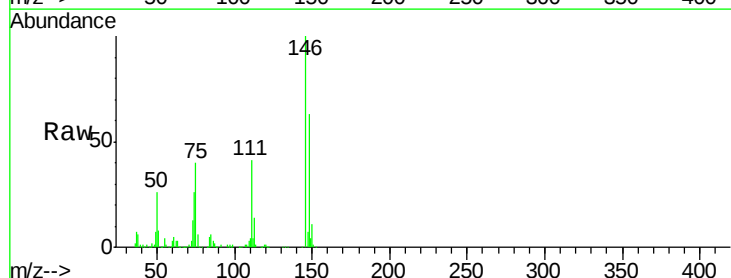
Tgt Ion:146 Resp: 260561

Ion Ratio Lower Upper

146 100

148 63.4 53.9 80.9

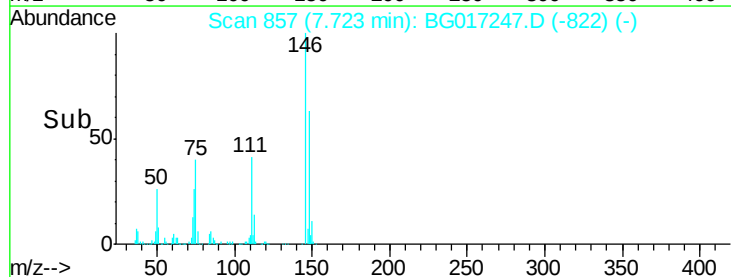
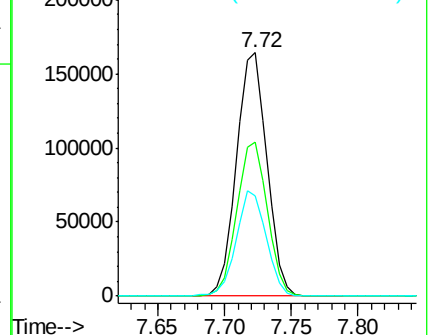
111 41.0 37.9 56.9

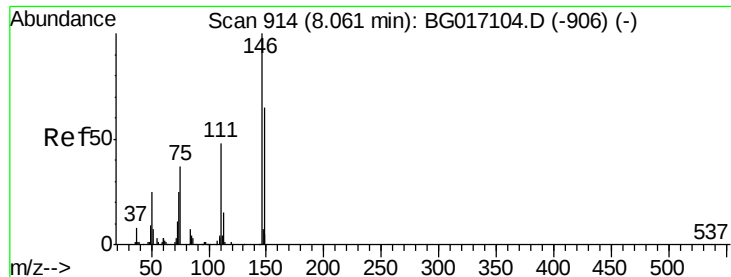


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 674.95 ng

RT: 8.05 min Scan# 913

Delta R.T. 0.02 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512

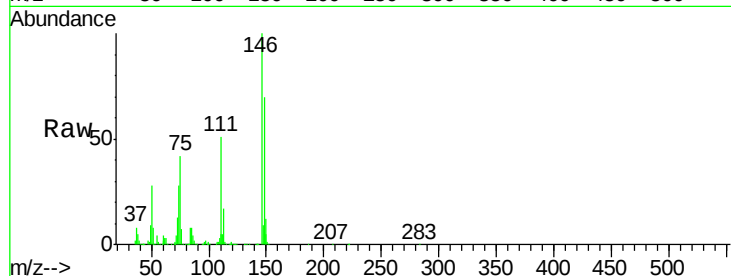
Tgt Ion:146 Resp: 1851616

Ion Ratio Lower Upper

146 100

148 69.6 52.3 78.5

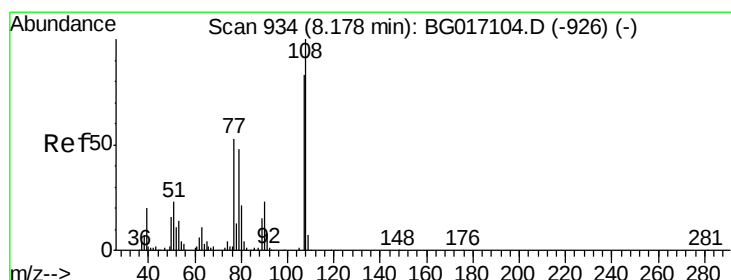
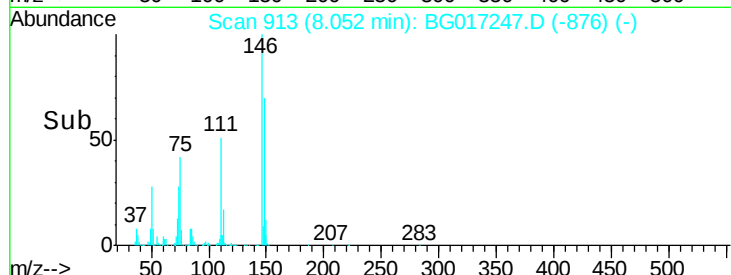
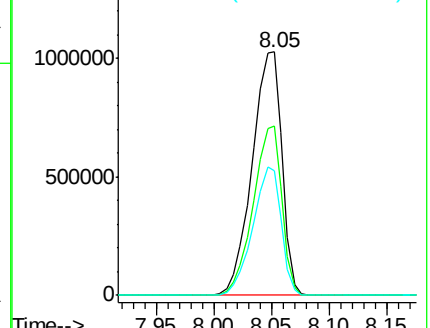
111 51.0 39.0 58.4



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



#17

2-Methylphenol

Concen: 8.24 ng

RT: 8.05 min Scan# 912

Delta R.T. -0.10 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

Tgt Ion:107 Resp: 18942

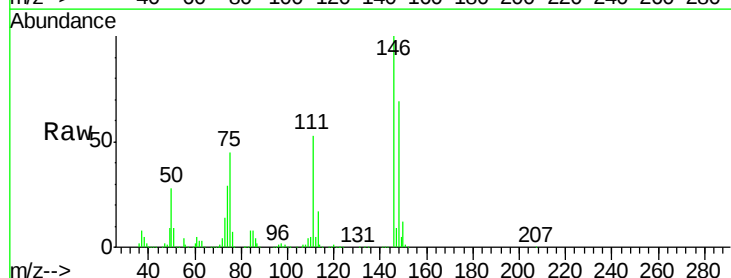
Ion Ratio Lower Upper

107 100

108 114.0 96.6 144.8

77 31.2 51.2 76.8#

79 0.0 45.9 68.9#

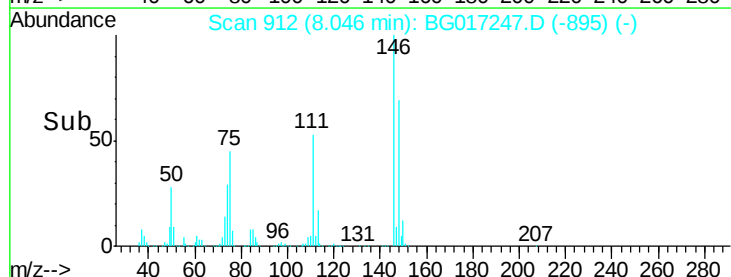
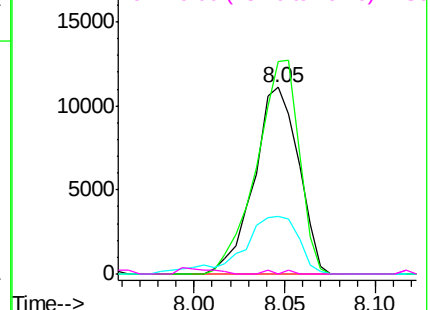


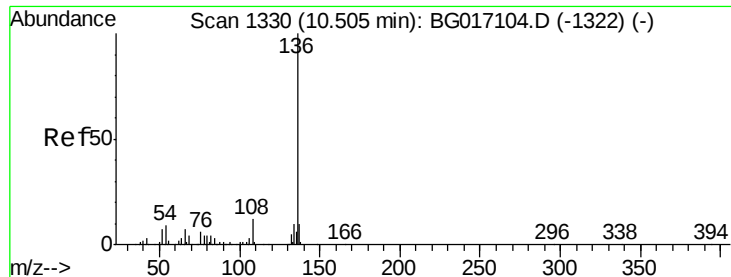
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

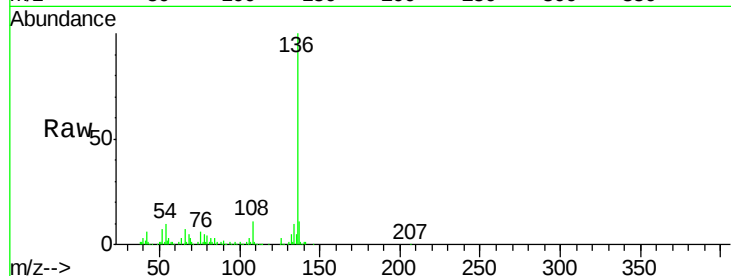




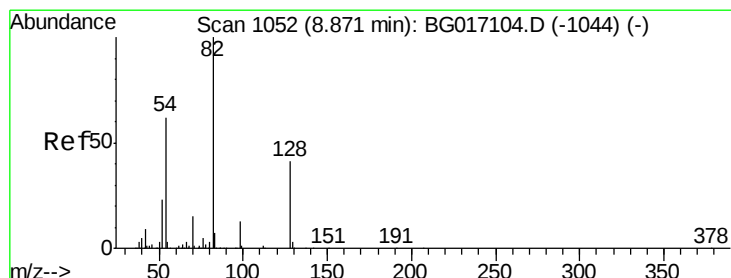
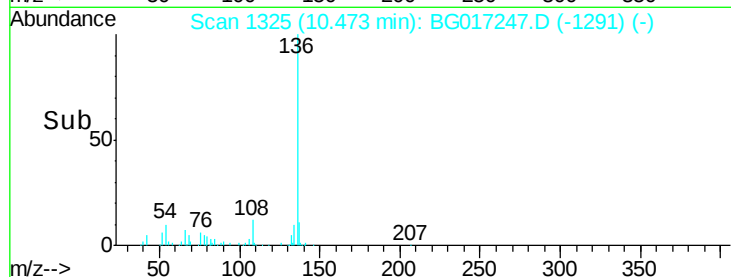
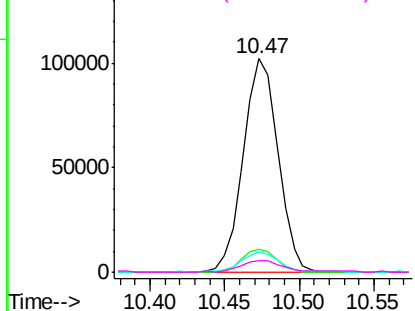
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017247.D
Acq: 22 May 2015 15:31

Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512

Tgt Ion:	136	Resp:	164075
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	9.6	7.4	11.2
68	5.2	3.6	5.4

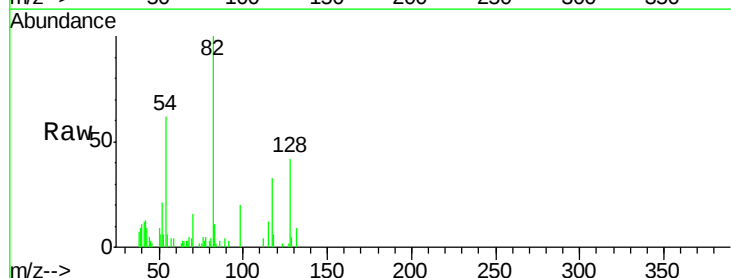


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

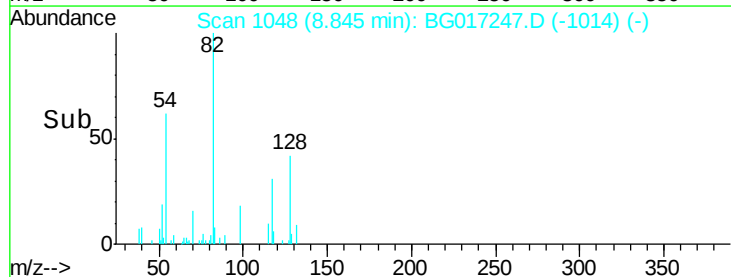
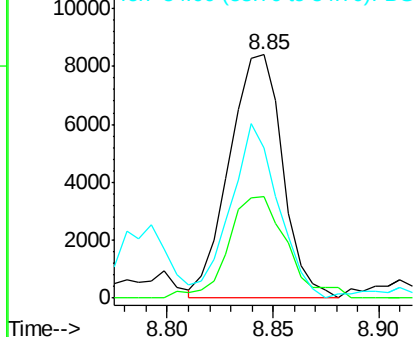


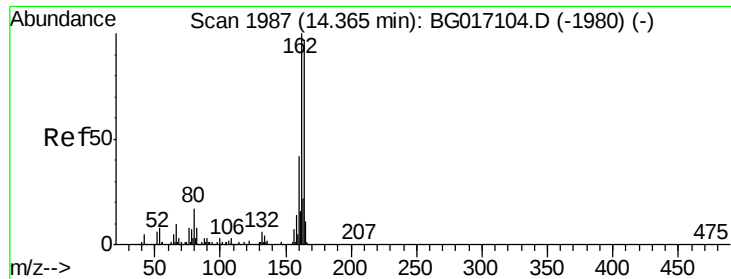
#23
Nitrobenzene-d5
Concen: 4.19 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG017247.D
Acq: 22 May 2015 15:31

Tgt Ion:	82	Resp:	14713
Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.6	49.0
54	61.9	49.6	74.4



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512

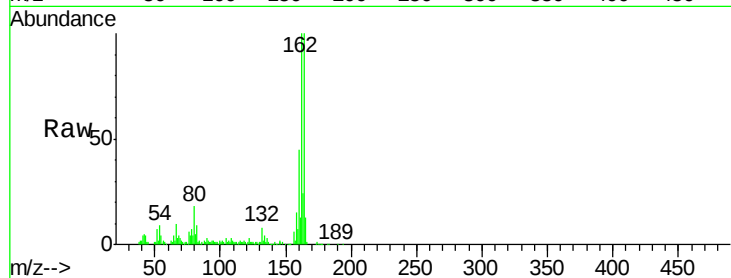
Tgt Ion:164 Resp: 98795

Ion Ratio Lower Upper

164 100

162 99.9 82.1 123.1

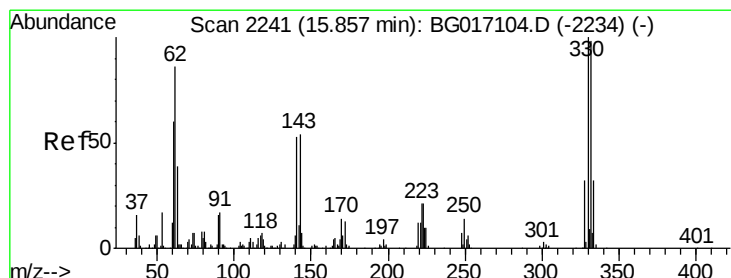
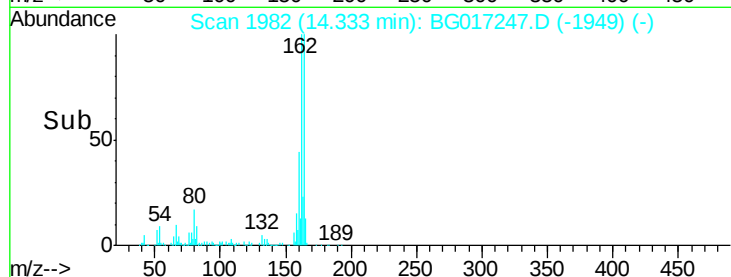
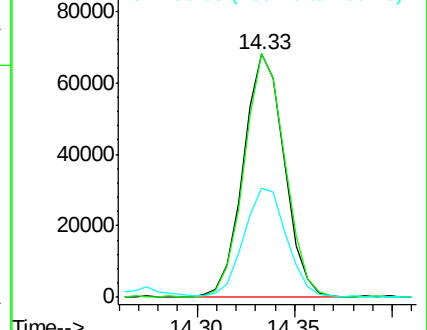
160 44.8 34.8 52.2



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: 7.75 ng

RT: 15.83 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

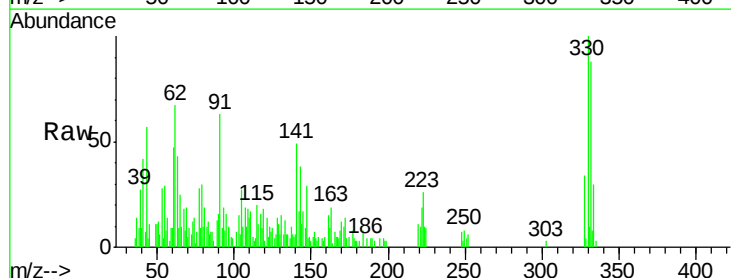
Tgt Ion:330 Resp: 9255

Ion Ratio Lower Upper

330 100

332 94.3 76.9 115.3

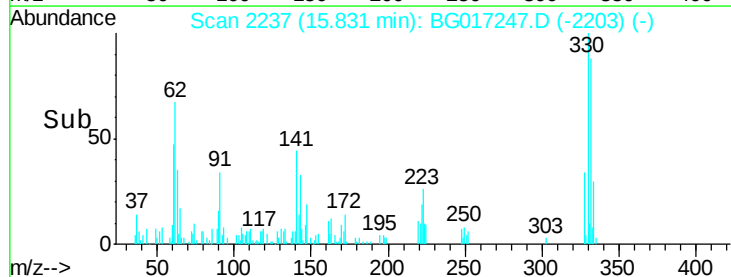
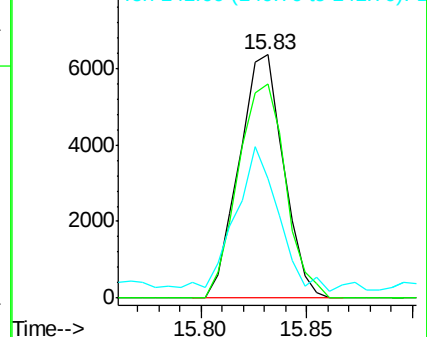
141 59.8 42.2 63.2

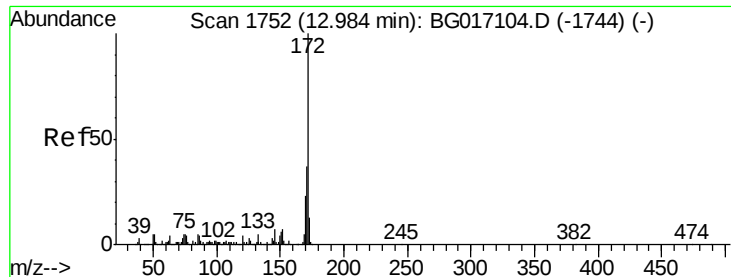


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

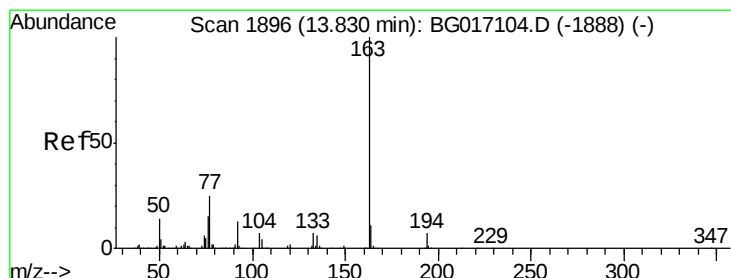
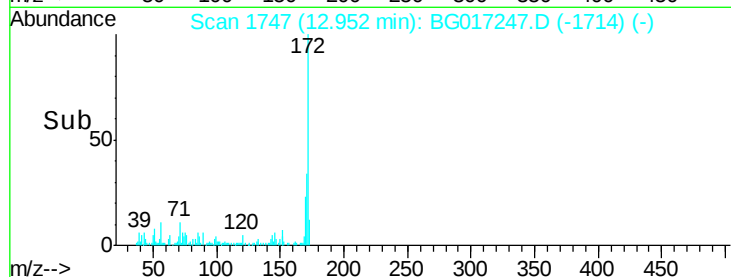
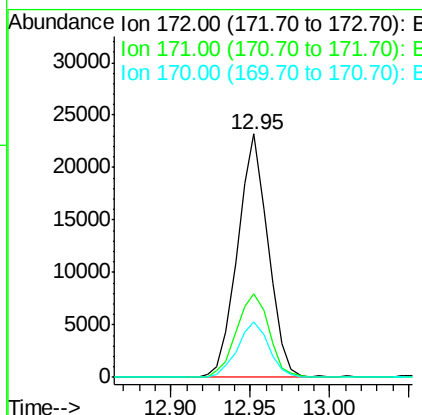
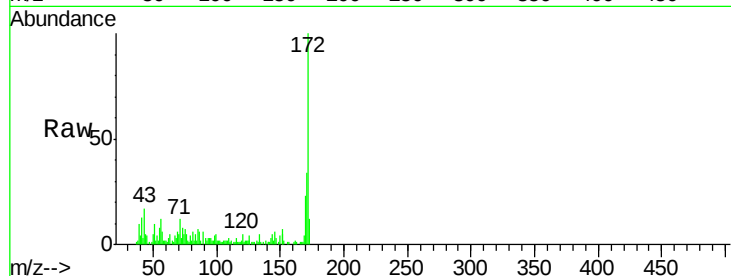




#44
2-Fluorobiphenyl
Concen: 4.59 ng
RT: 12.95 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG017247.D
Acq: 22 May 2015 15:31

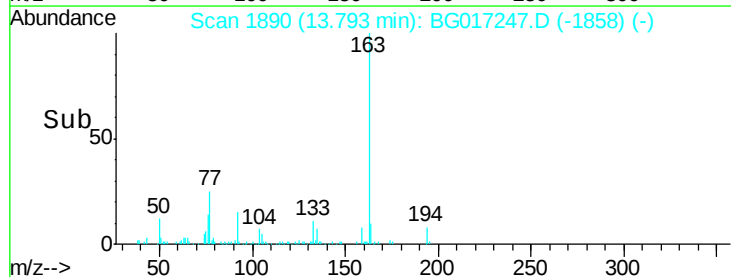
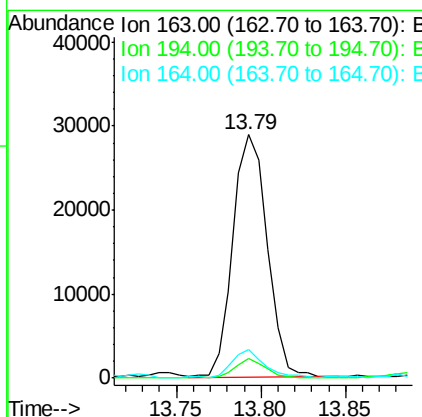
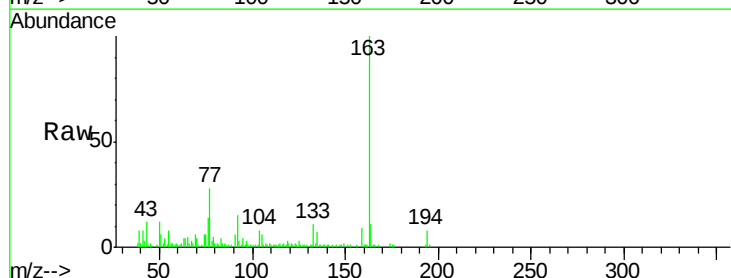
Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512

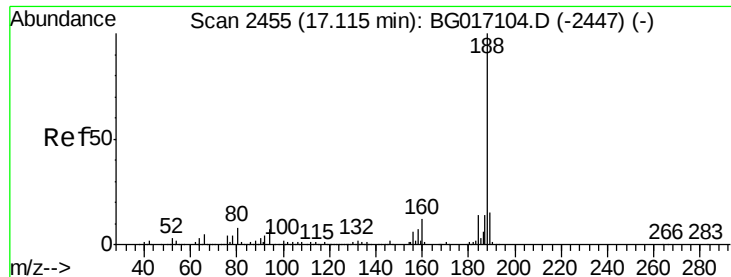
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	22.6	18.4	27.6



#49
Dimethylphthalate
Concen: 5.28 ng
RT: 13.79 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG017247.D
Acq: 22 May 2015 15:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	8.0	5.6	8.4
164	11.5	8.6	13.0

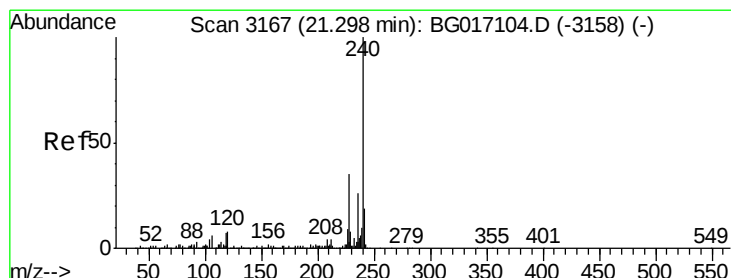
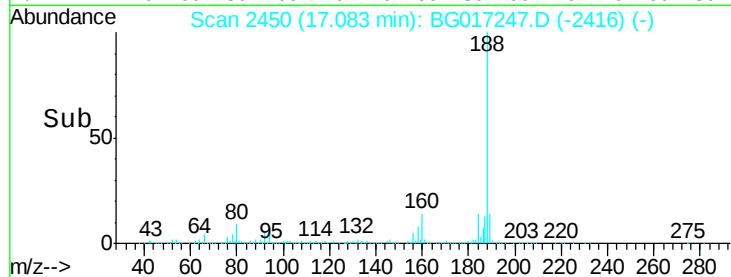
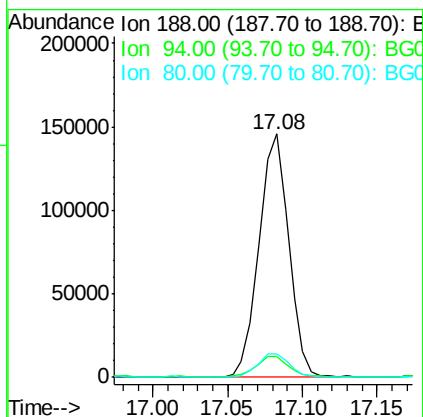
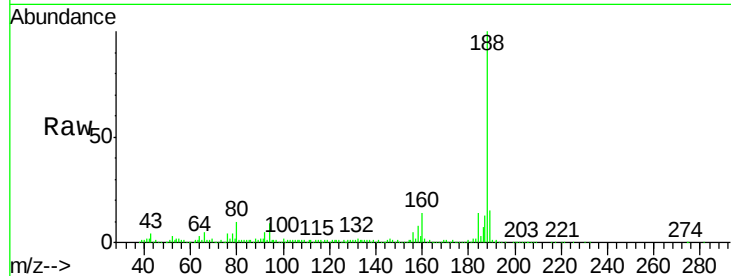




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG017247.D
Acq: 22 May 2015 15:31

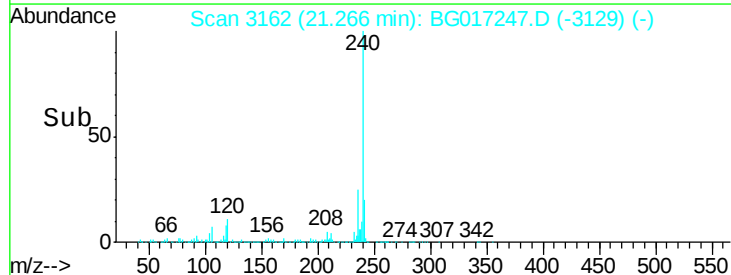
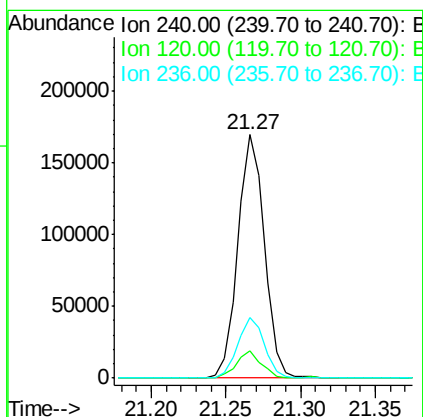
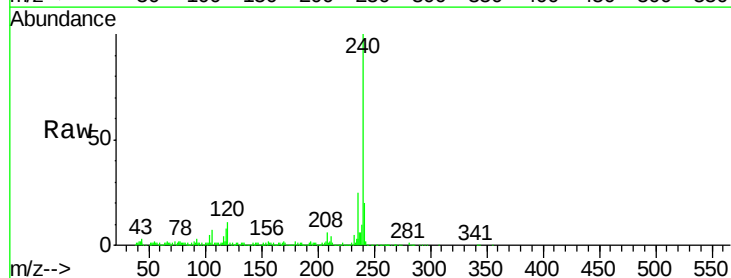
Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512

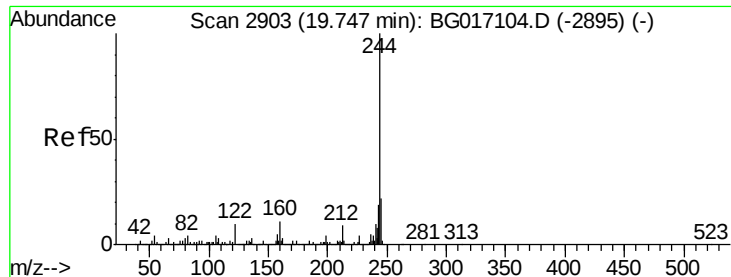
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.8	8.6#
80	9.6	6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG017247.D
Acq: 22 May 2015 15:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	6.0	9.0#
236	25.1	20.5	30.7





#78

Terphenyl-d14

Concen: 5.58 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512

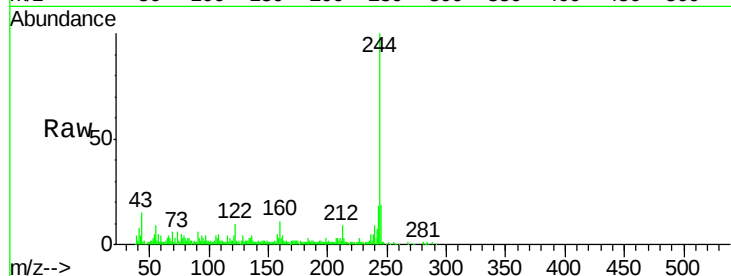
Tgt Ion:244 Resp: 55909

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.4

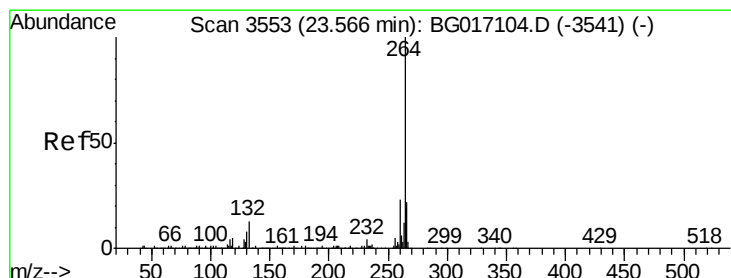
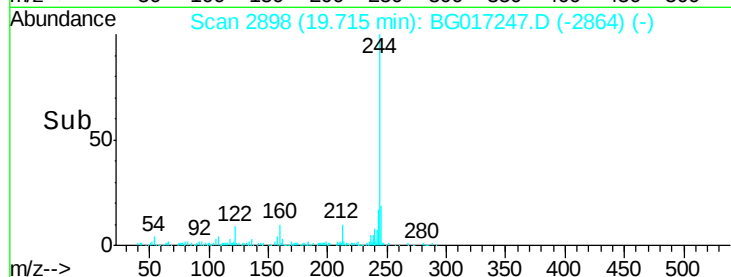
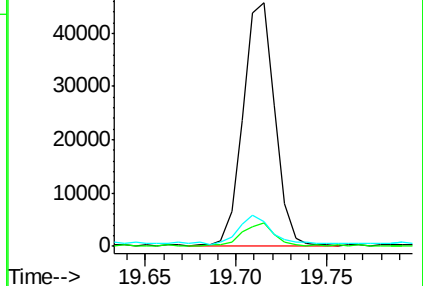
122 10.2 8.4 12.6



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: 23.52 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

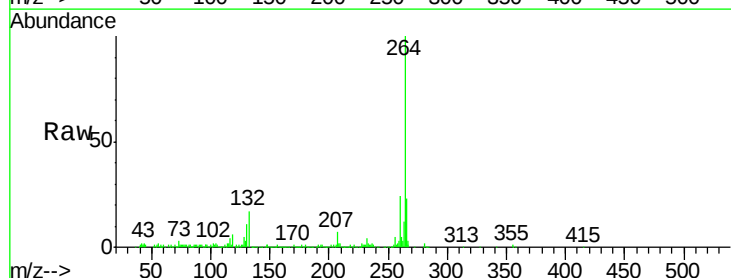
Tgt Ion:264 Resp: 203214

Ion Ratio Lower Upper

264 100

260 24.1 18.0 27.0

265 22.5 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

