

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052715\
 Data File : BG017299.D
 Acq On : 27 May 2015 12:17
 Operator : TP/IZ
 Sample : G2255-07DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512DL

Quant Time: May 28 03:11:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

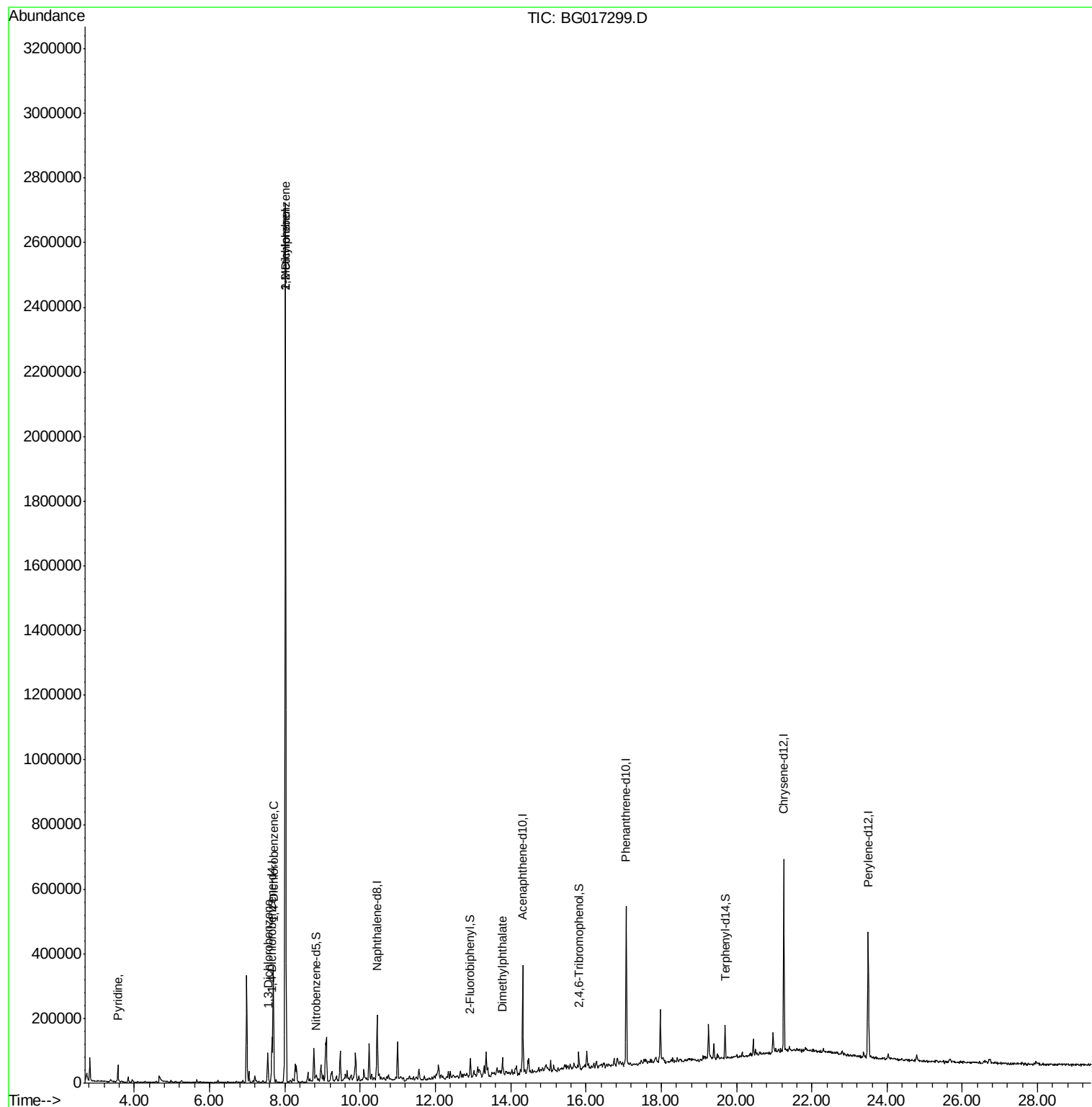
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	32232	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	144284	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	104553	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	248810	20.00	ng	0.00
75) Chrysene-d12	21.26	240	256069	20.00	ng	0.00
86) Perylene-d12	23.50	264	260637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	2456	1.35	ng	0.00
7) Phenol-d6	6.87	99	2685	1.05	ng	0.00
23) Nitrobenzene-d5	8.82	82	8479	2.74	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	6223	4.92	ng	-0.01
44) 2-Fluorobiphenyl	12.94	172	18698	2.62	ng	0.00
78) Terphenyl-d14	19.70	244	40236	3.27	ng	0.00
Target Compounds						
3) Pyridine	3.57	79	10619	4.90	ng	# 15
9) Benzaldehyde	6.80	77	153	Below Cal		# 1
12) 1,3-Dichlorobenzene	7.55	146	30354	12.51	ng	98
13) 1,4-Dichlorobenzene	7.70	146	120521	49.19	ng	97
14) 1,2-Dichlorobenzene	8.02	146	926298	395.82	ng	98
17) 2-Methylphenol	8.02	107	9580	4.89	ng	# 70
49) Dimethylphthalate	13.78	163	26828	3.28	ng	99

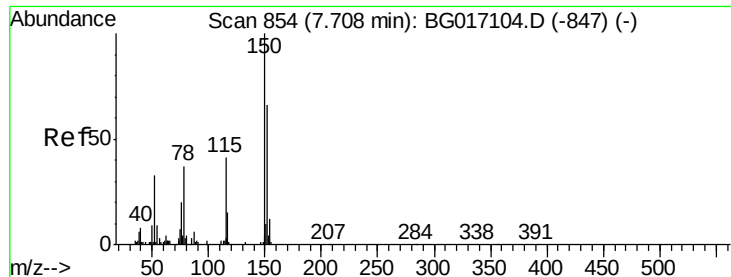
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



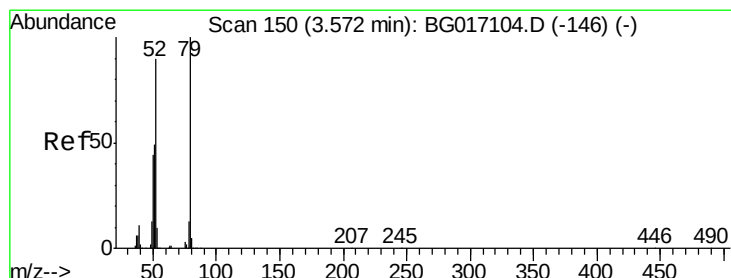
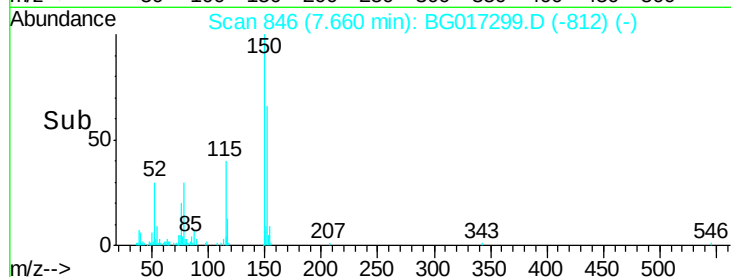
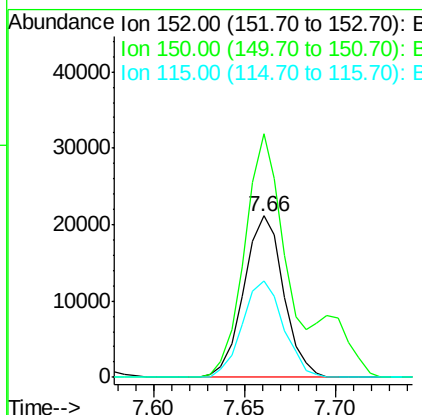
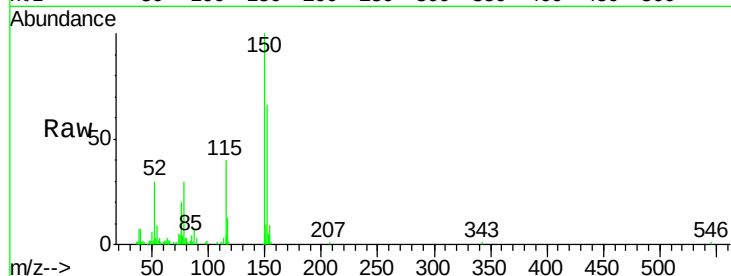


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512DL

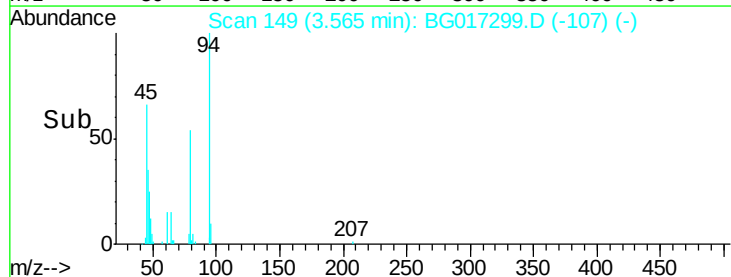
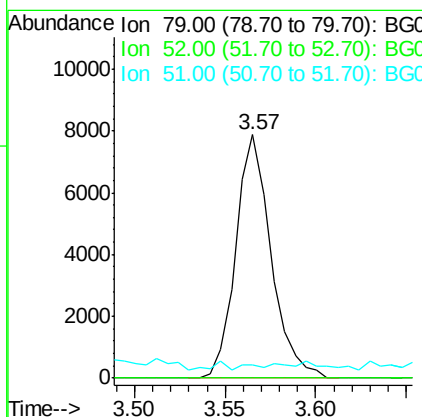
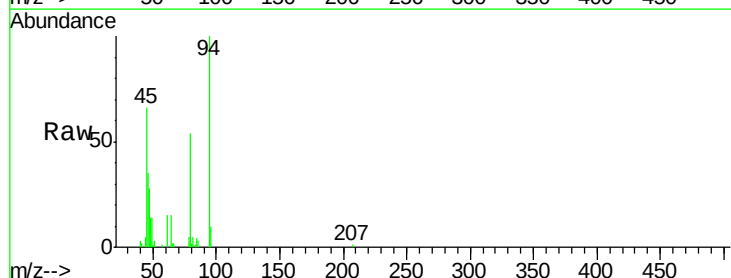
Tgt Ion:152 Resp: 32232
Ion Ratio Lower Upper
152 100
150 151.1 120.8 181.2
115 60.1 49.4 74.2

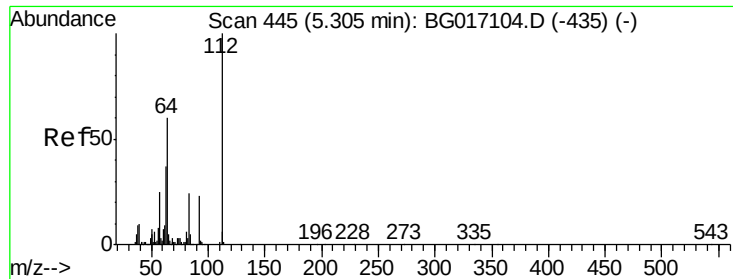


#3

Pyridine
Concen: 4.90 ng
RT: 3.57 min Scan# 149
Delta R.T. 0.05 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

Tgt Ion: 79 Resp: 10619
Ion Ratio Lower Upper
79 100
52 0.0 72.2 108.2#
51 5.3 40.6 60.8#





#5

2-Fluorophenol

Concen: 1.35 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

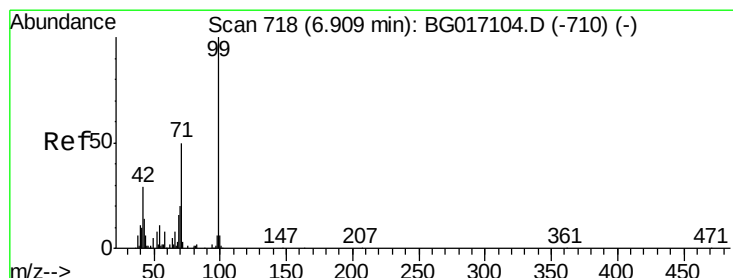
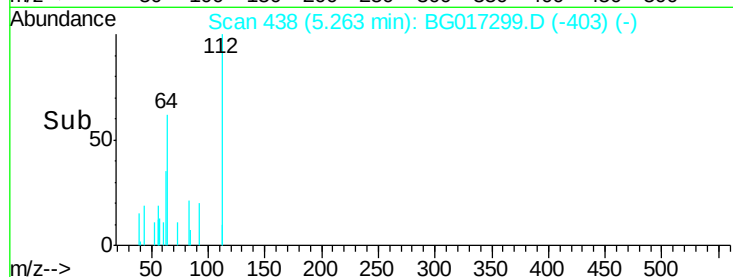
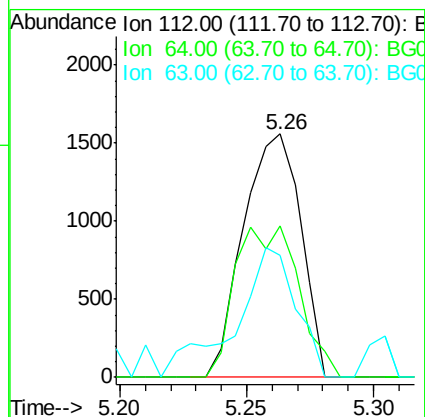
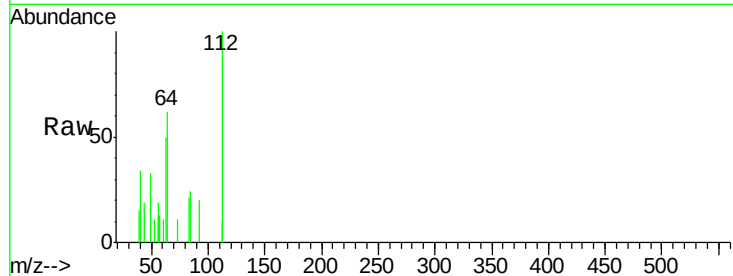
Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL

Tgt Ion:	112	Resp:	2456
Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.1	72.1
63	50.0	29.8	44.8#



#7

Phenol-d6

Concen: 1.05 ng

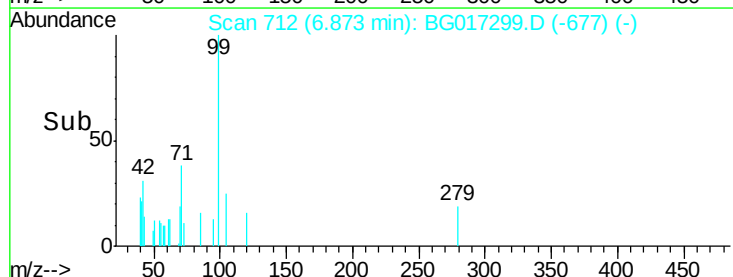
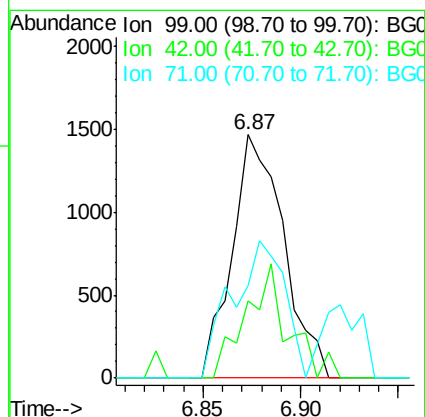
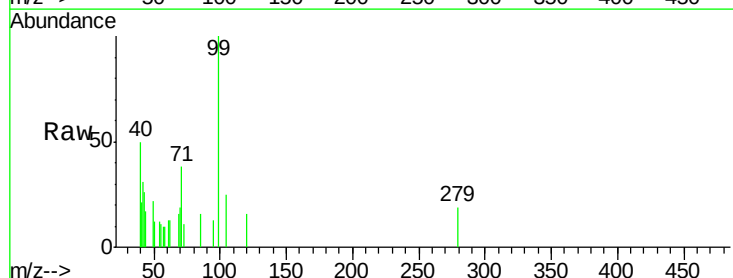
RT: 6.87 min Scan# 712

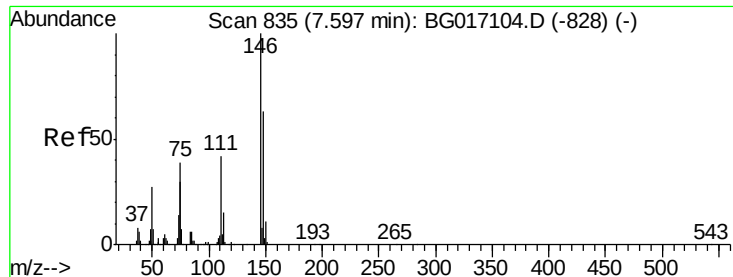
Delta R.T. 0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

Tgt Ion:	99	Resp:	2685
Ion	Ratio	Lower	Upper
99	100		
42	31.5	23.5	35.3
71	37.9	39.8	59.8#





#12

1,3-Dichlorobenzene

Concen: 12.51 ng

RT: 7.55 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL

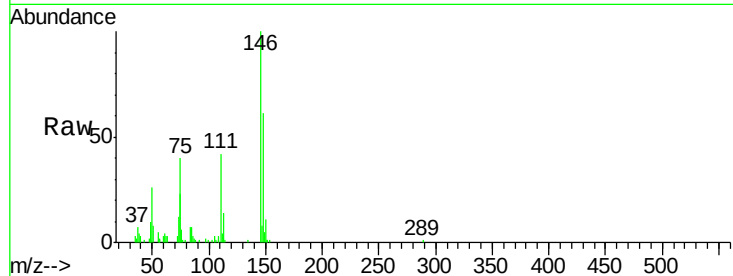
Tgt Ion:146 Resp: 30354

Ion Ratio Lower Upper

146 100

148 60.9 50.6 75.8

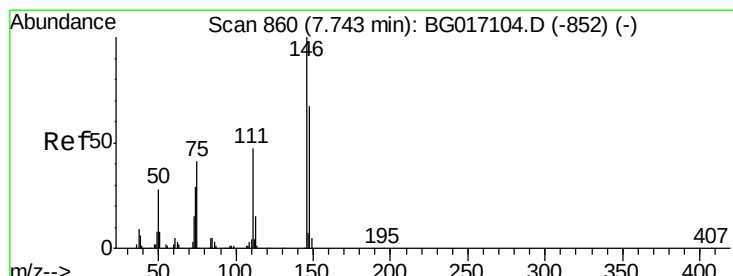
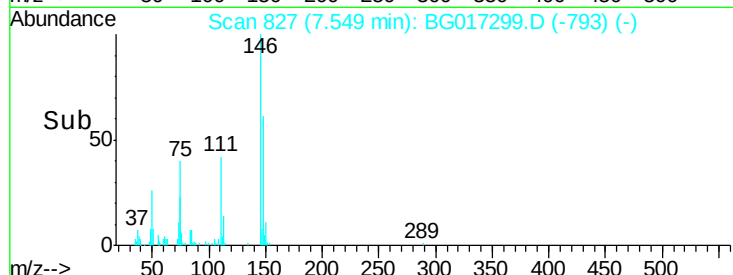
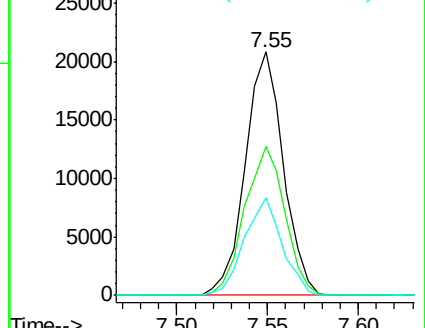
75 40.3 31.4 47.2



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: 49.19 ng

RT: 7.70 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

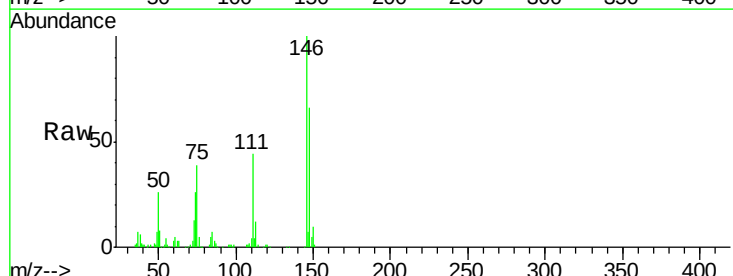
Tgt Ion:146 Resp: 120521

Ion Ratio Lower Upper

146 100

148 66.3 53.9 80.9

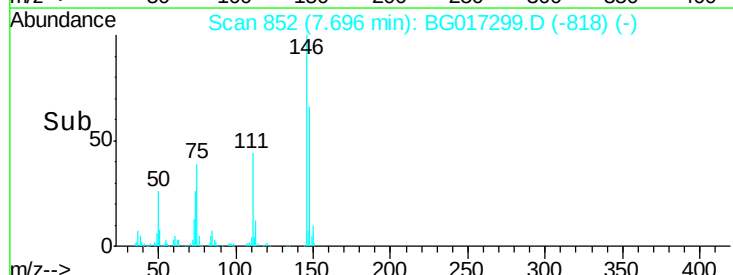
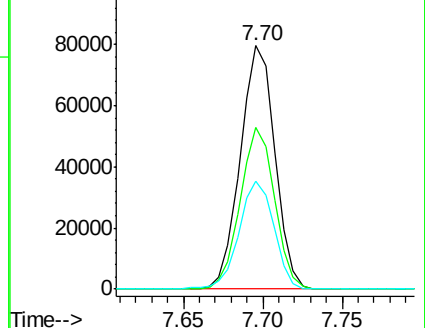
111 44.3 37.9 56.9

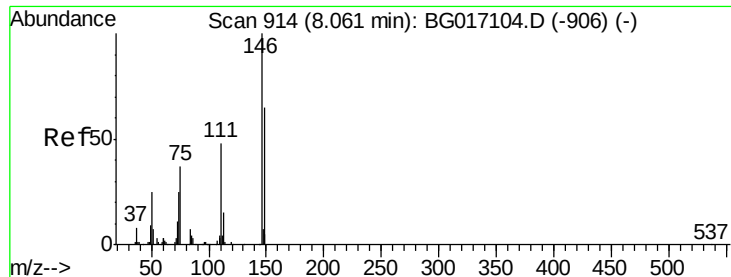


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

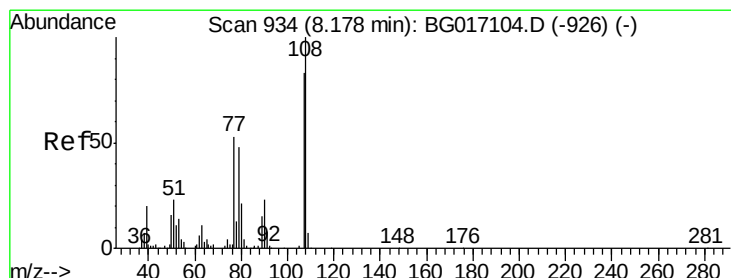
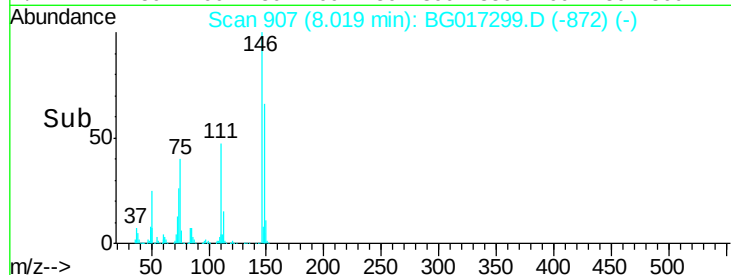
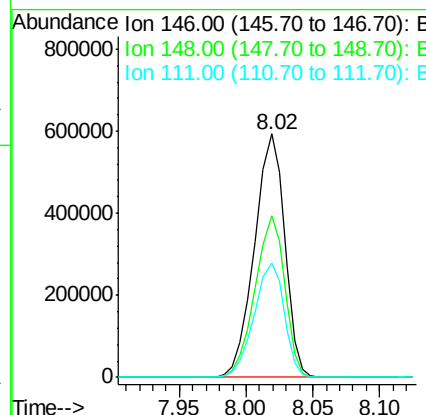
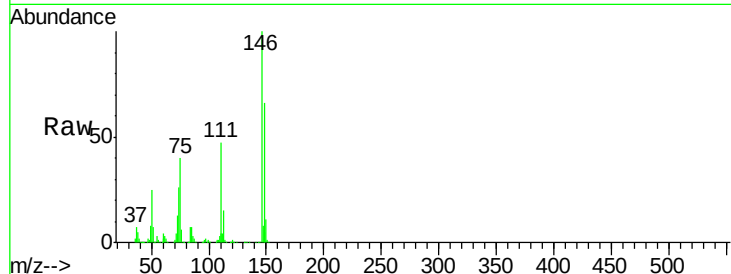




#14
 1,2-Dichlorobenzene
 Concen: 395.82 ng
 RT: 8.02 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BG017299.D
 Acq: 27 May 2015 12:17

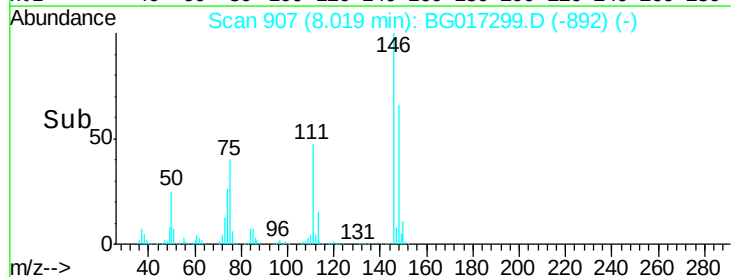
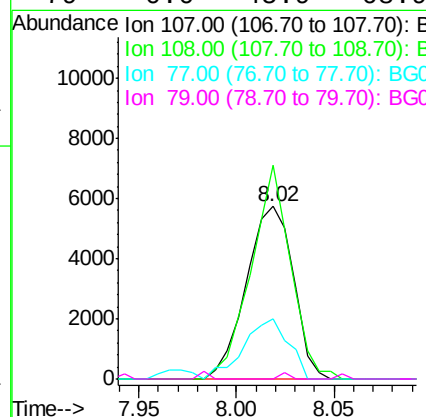
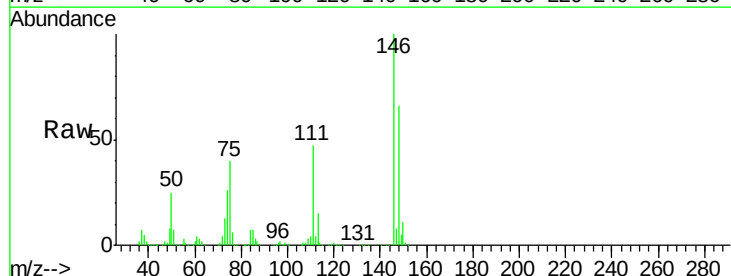
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512DL

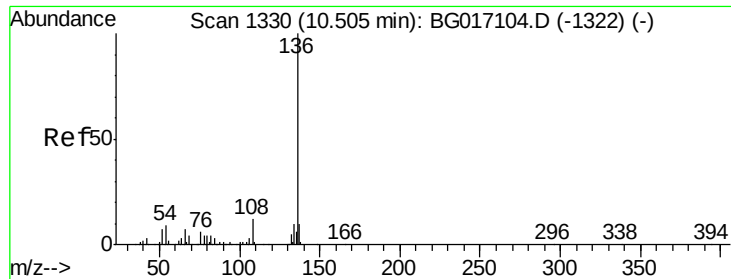
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.3	78.5
111	47.0	39.0	58.4



#17
 2-Methylphenol
 Concen: 4.89 ng
 RT: 8.02 min Scan# 907
 Delta R.T. -0.11 min
 Lab File: BG017299.D
 Acq: 27 May 2015 12:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	123.9	96.6	144.8
77	35.0	51.2	76.8#
79	0.0	45.9	68.9#

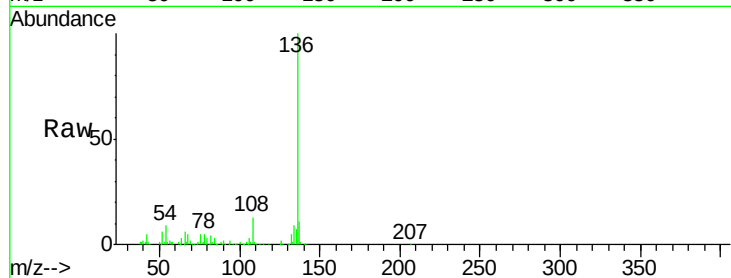




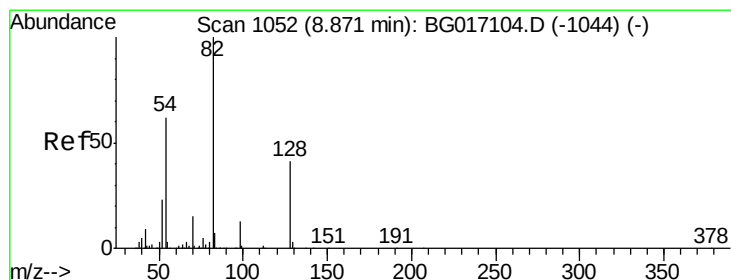
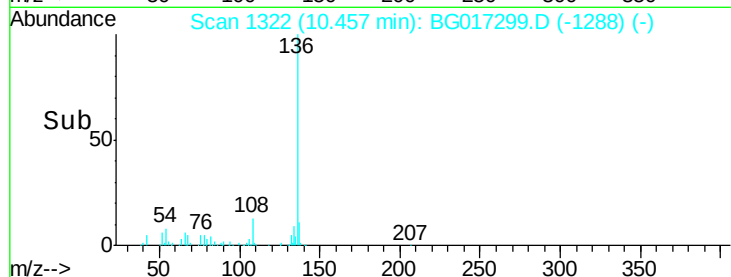
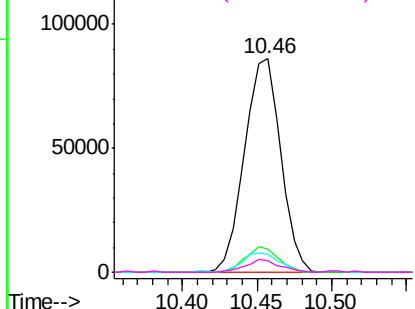
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512DL

Tgt Ion:	136	Resp:	144284
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	8.6	7.4	11.2
68	5.3	3.6	5.4

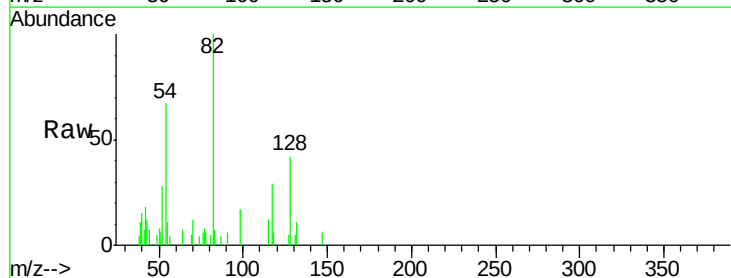


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

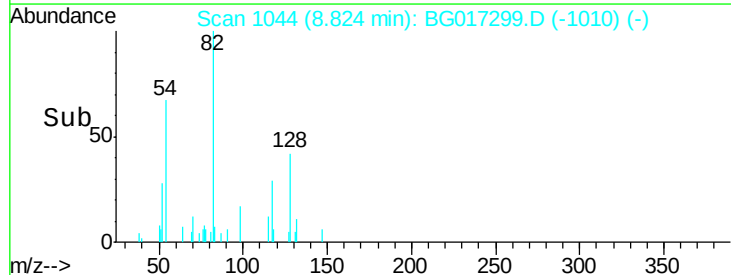
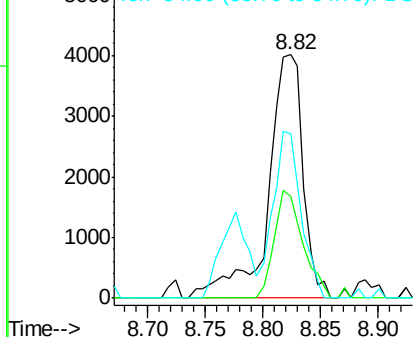


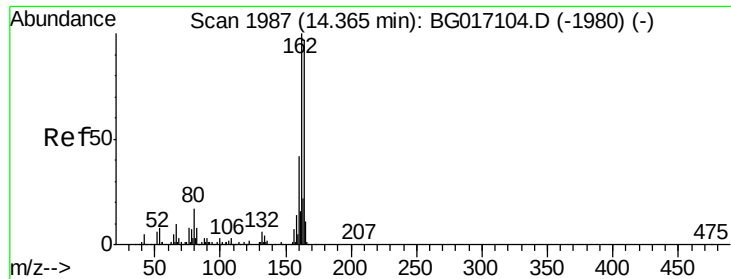
#23
Nitrobenzene-d5
Concen: 2.74 ng
RT: 8.82 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

Tgt Ion:	82	Resp:	8479
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.6	49.0
54	67.3	49.6	74.4



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL

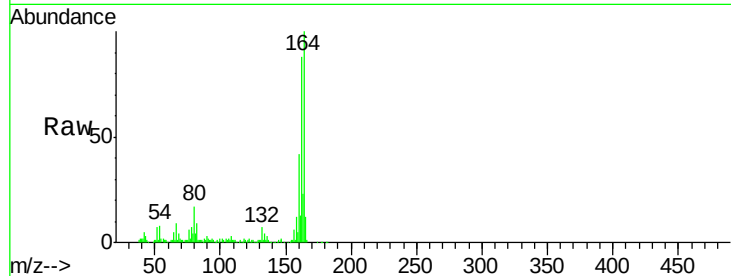
Tgt Ion:164 Resp: 104553

Ion Ratio Lower Upper

164 100

162 87.9 82.1 123.1

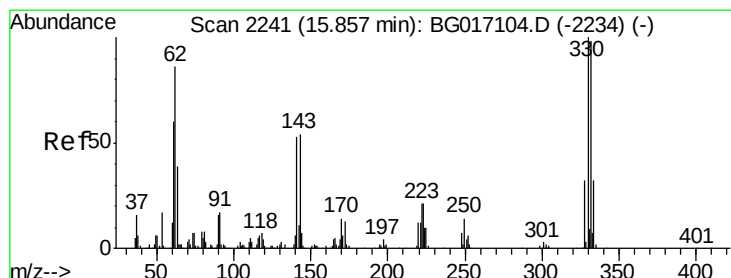
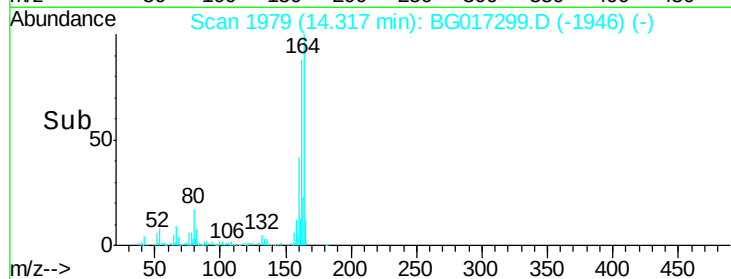
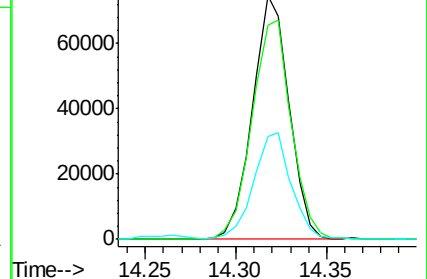
160 42.3 34.8 52.2



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: 4.92 ng

RT: 15.81 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

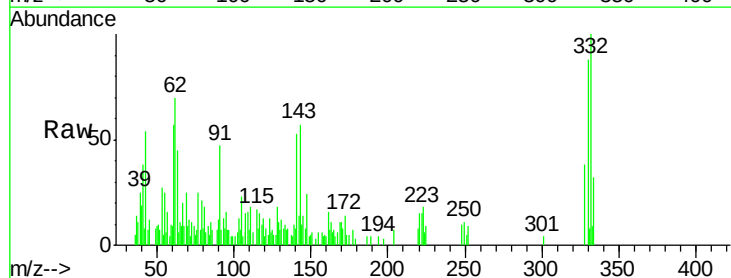
Tgt Ion:330 Resp: 6223

Ion Ratio Lower Upper

330 100

332 104.0 76.9 115.3

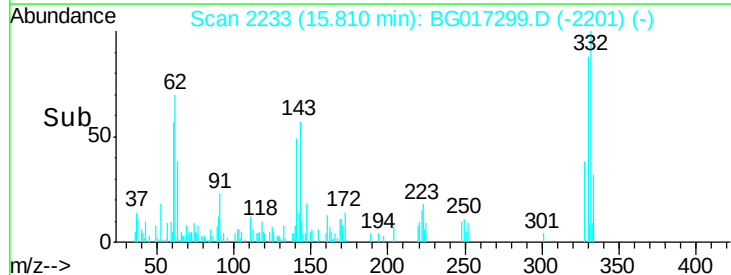
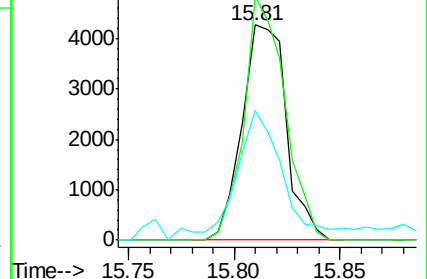
141 52.8 42.2 63.2

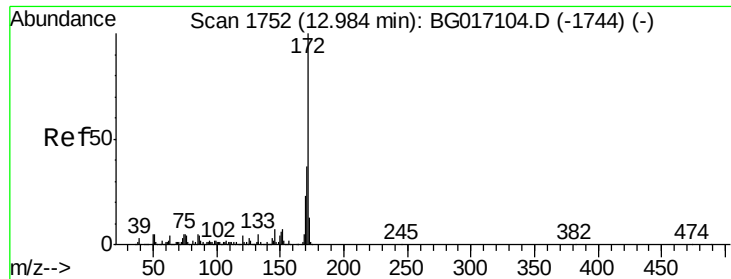


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 2.62 ng

RT: 12.94 min Scan# 1744

Delta R.T. 0.00 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL

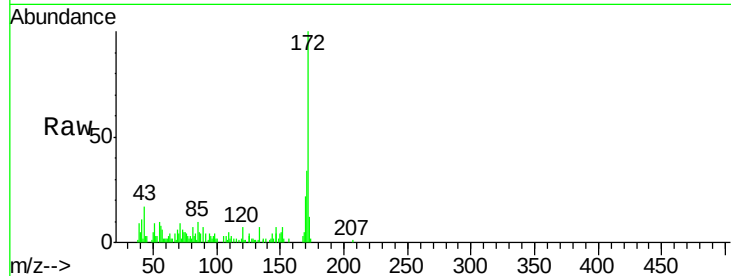
Tgt Ion:172 Resp: 18698

Ion Ratio Lower Upper

172 100

171 34.1 29.7 44.5

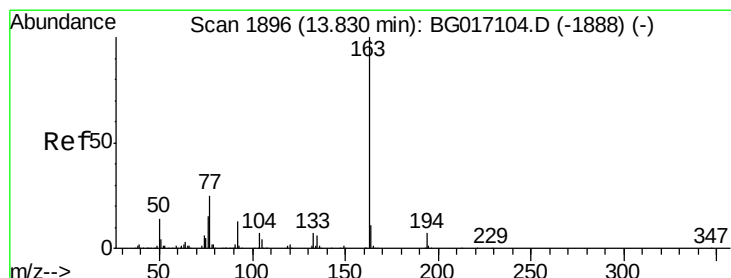
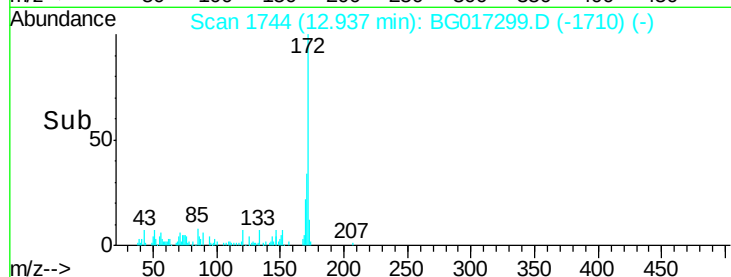
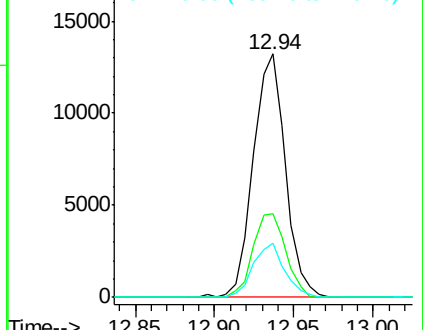
170 22.2 18.4 27.6



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: 3.28 ng

RT: 13.78 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

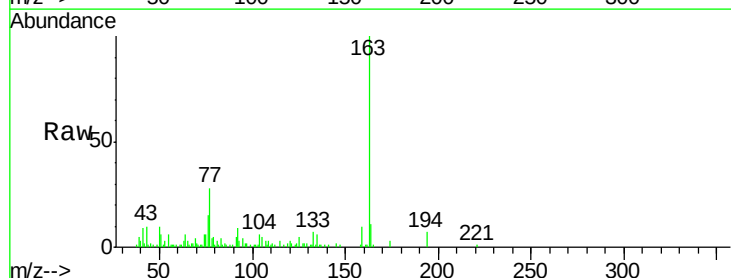
Tgt Ion:163 Resp: 26828

Ion Ratio Lower Upper

163 100

194 6.6 5.6 8.4

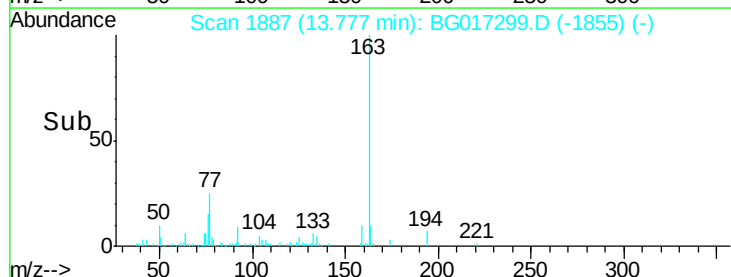
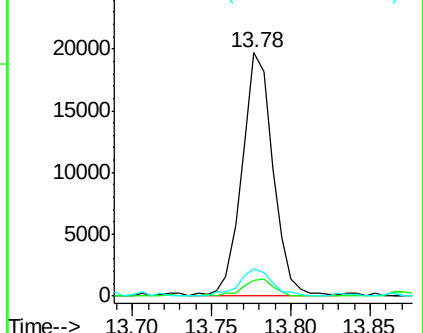
164 11.1 8.6 13.0

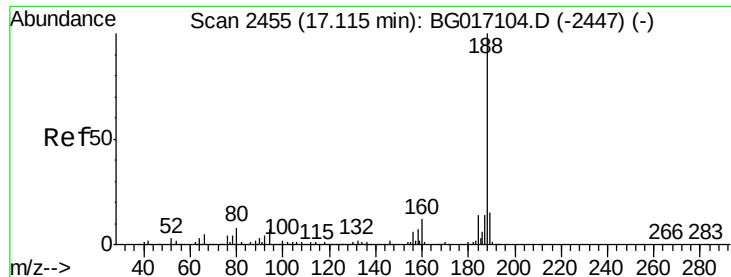


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

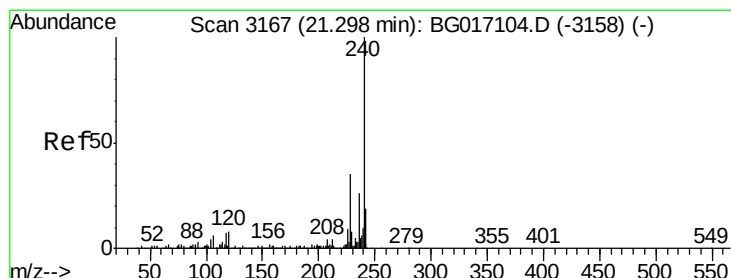
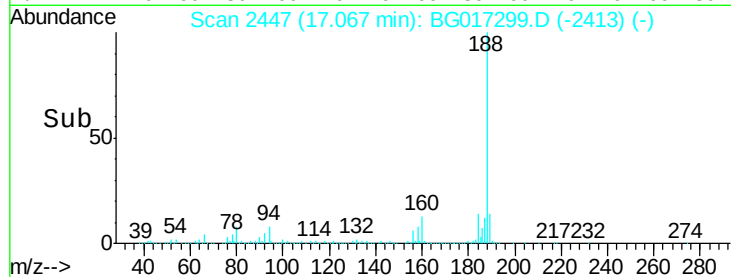
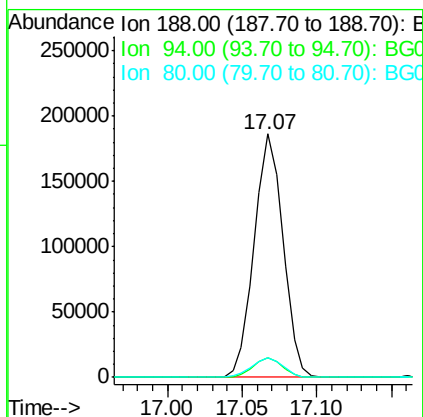
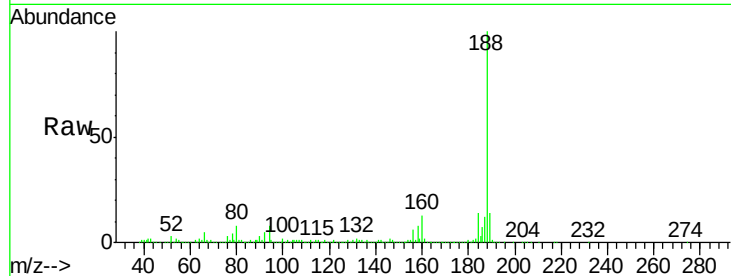




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

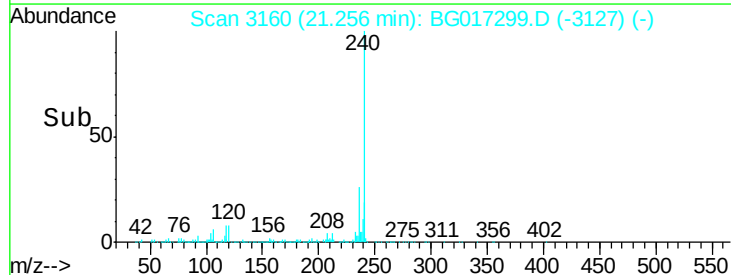
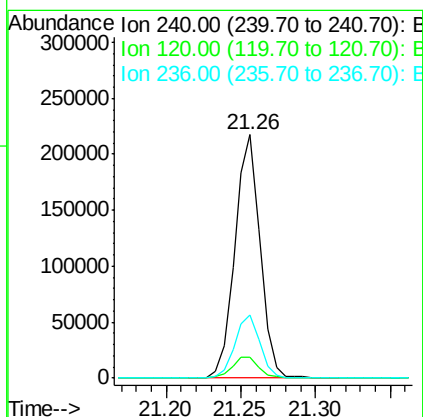
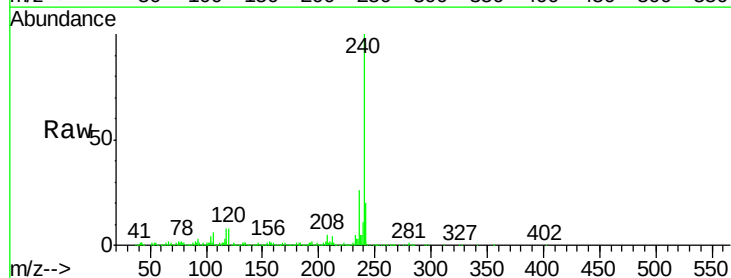
Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512DL

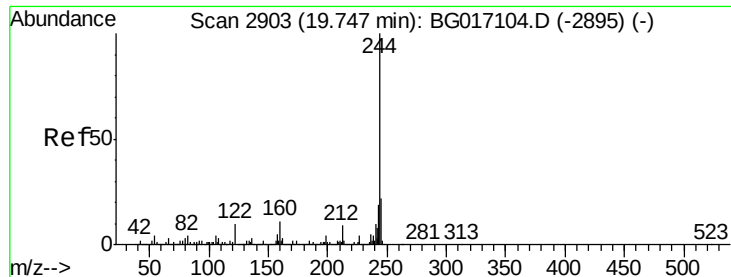
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.6
80	7.9	6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG017299.D
Acq: 27 May 2015 12:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.0	9.0
236	26.0	20.5	30.7





#78

Terphenyl-d14

Concen: 3.27 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512DL

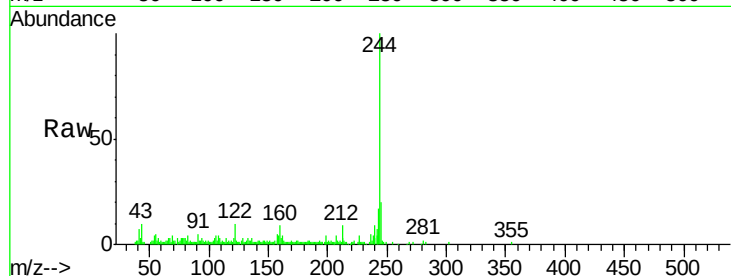
Tgt Ion:244 Resp: 40236

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.4

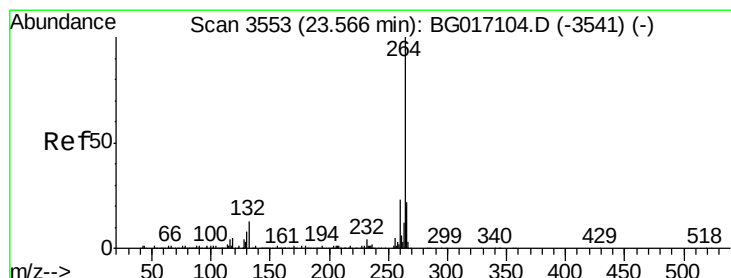
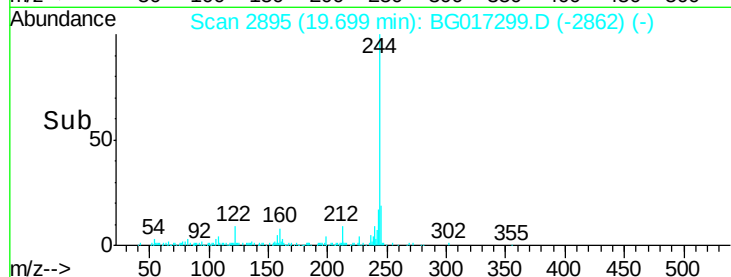
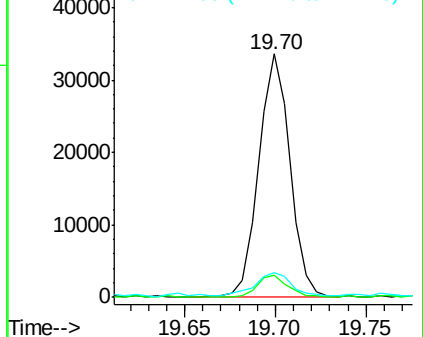
122 10.0 8.4 12.6



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# 3542

Delta R.T. -0.01 min

Lab File: BG017299.D

Acq: 27 May 2015 12:17

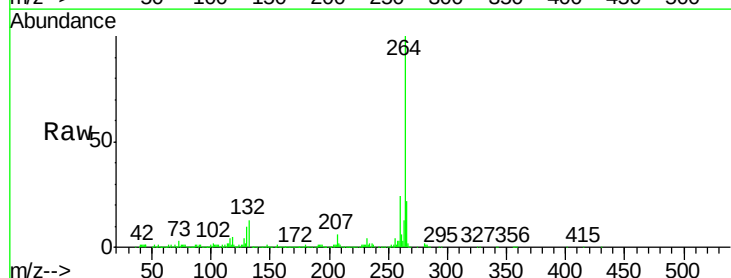
Tgt Ion:264 Resp: 260637

Ion Ratio Lower Upper

264 100

260 23.5 18.0 27.0

265 21.5 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

