

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 01:29:15 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

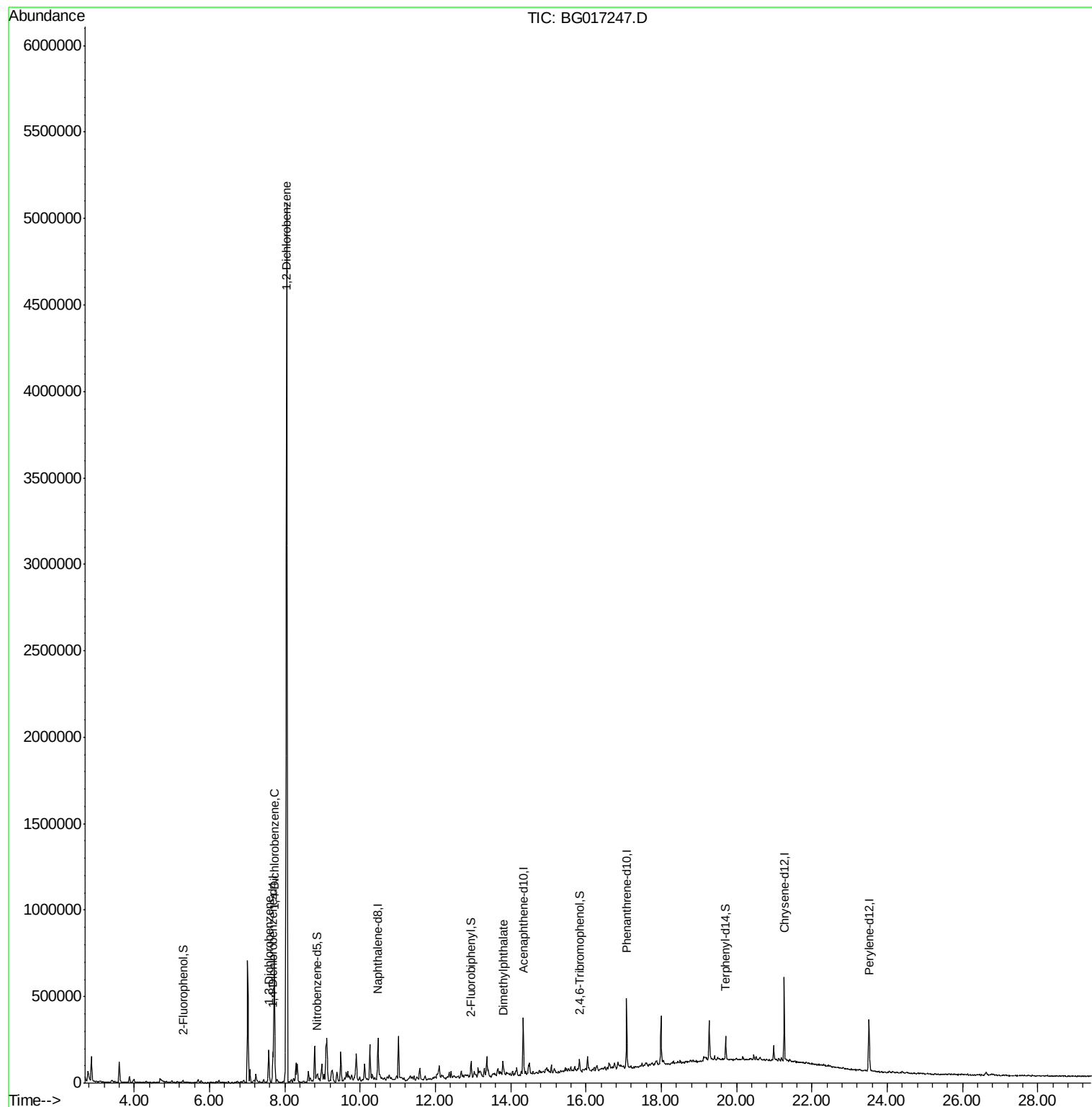
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	37785	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	164075	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	98795	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	200384	20.00	ng	0.00
75) Chrysene-d12	21.27	240	208910	20.00	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						Qvalue
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
49) Dimethylphthalate	13.79	163	40784	5.28	ng	98

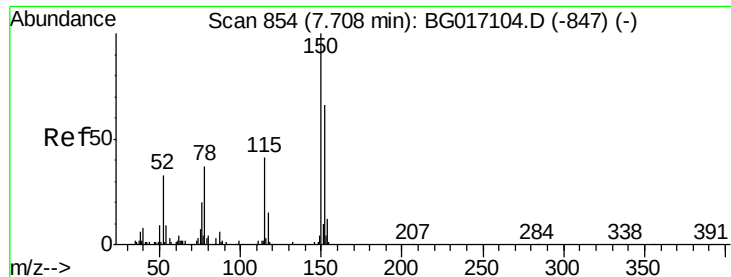
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#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

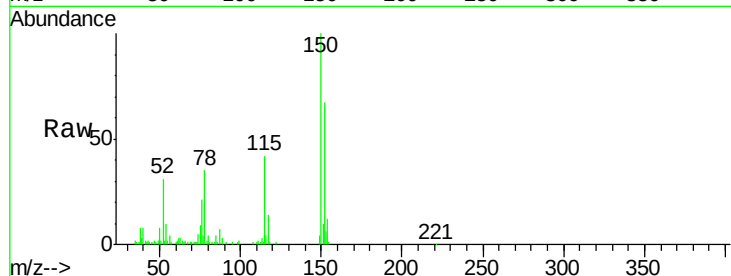
Tgt Ion:152 Resp: 37785

Ion Ratio Lower Upper

152 100

150 149.4 120.8 181.2

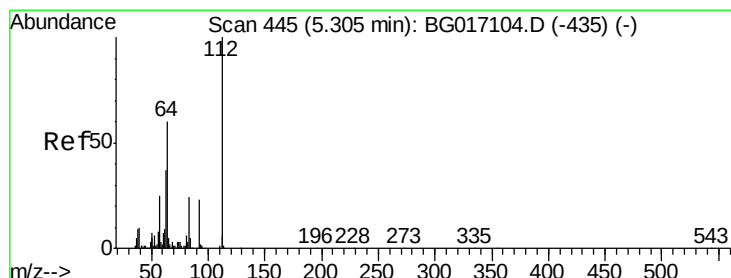
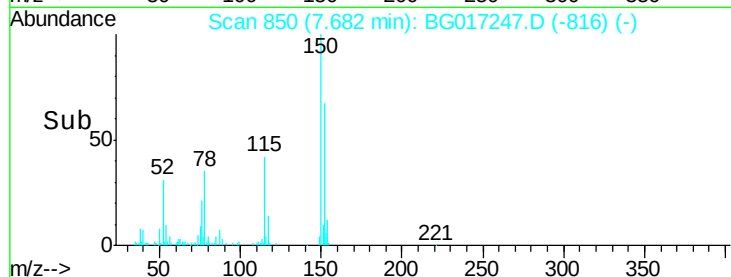
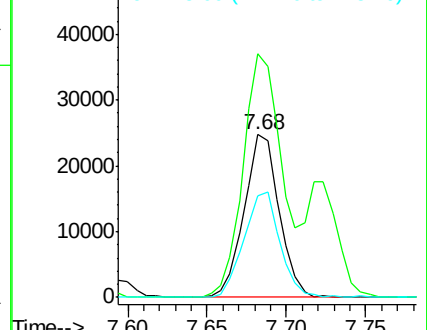
115 62.5 49.4 74.2



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



#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

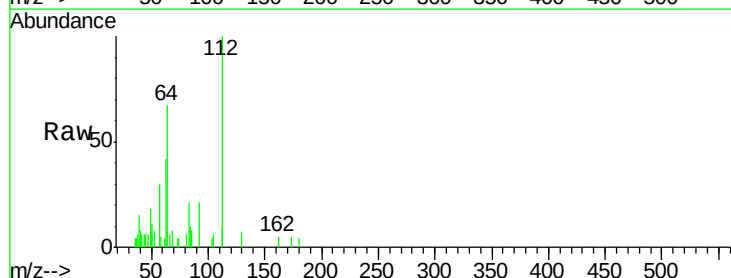
Tgt Ion:112 Resp: 6101

Ion Ratio Lower Upper

112 100

64 66.6 48.1 72.1

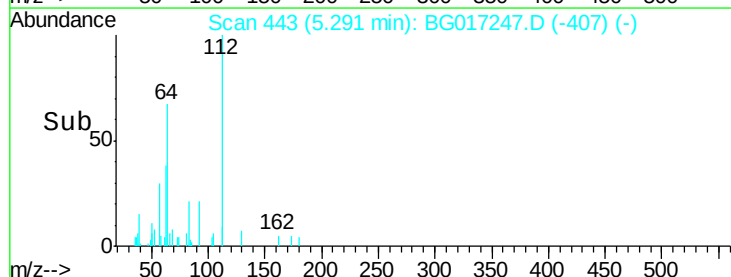
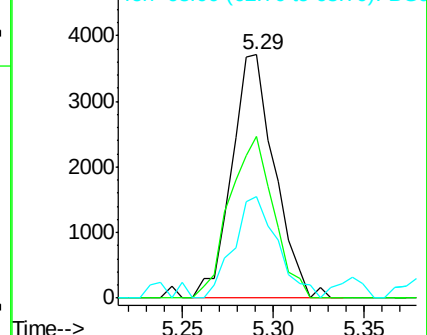
63 41.9 29.8 44.8

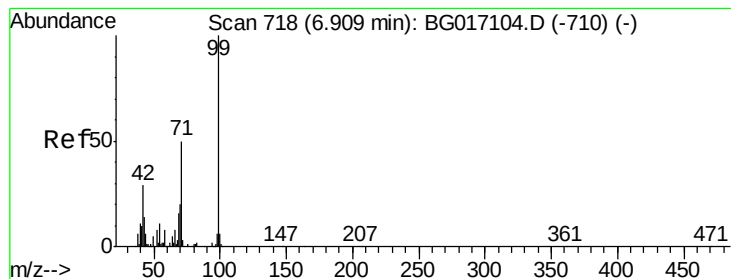


Abundance Ion 112.00 (111.70 to 112.70): E

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

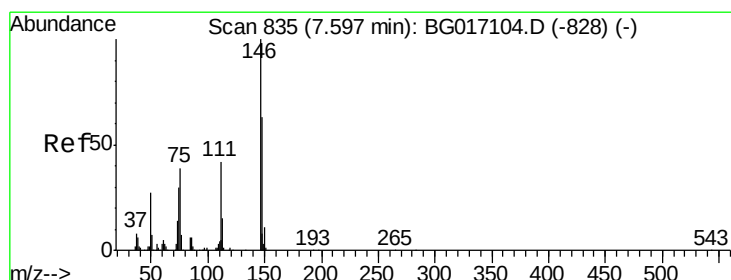
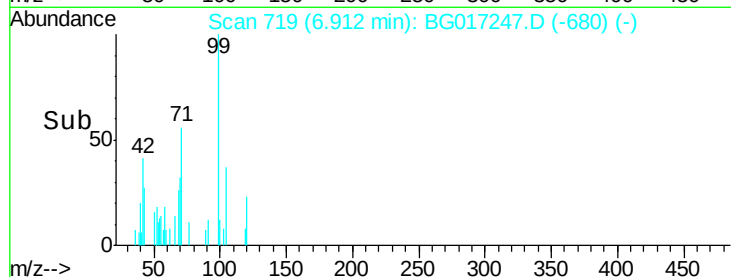
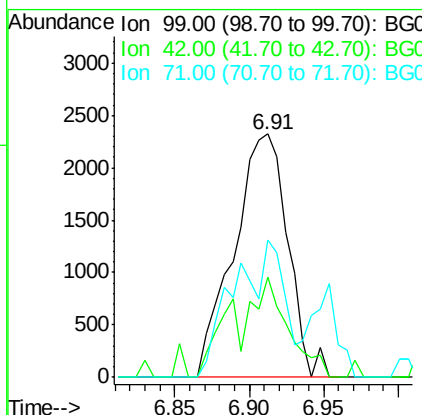
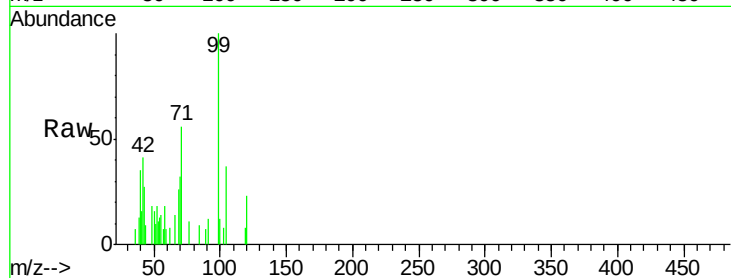
Instrument :

BNA_G

ClientSampleId :

SS043MW009-150512

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



#12

1,3-Dichlorobenzene

Concen: 22.64 ng

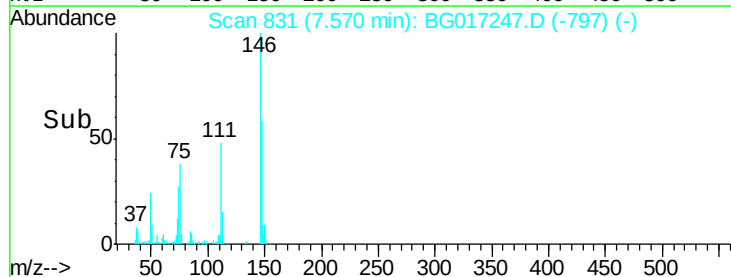
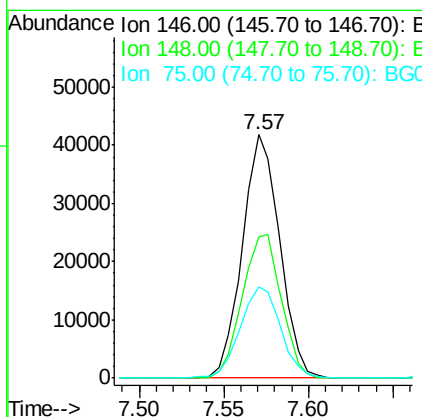
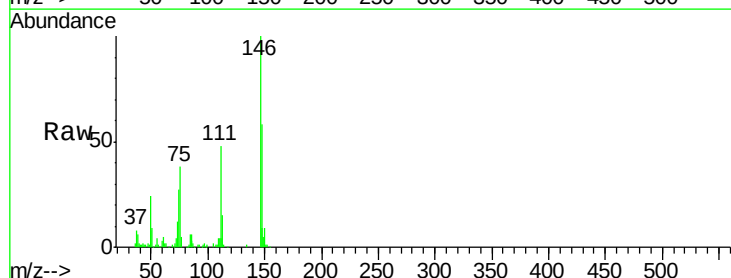
RT: 7.57 min Scan# 831

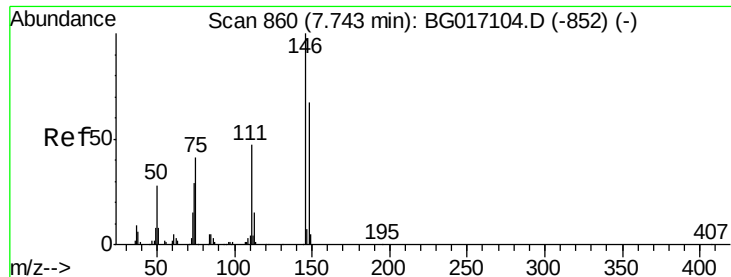
Delta R.T. 0.00 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

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

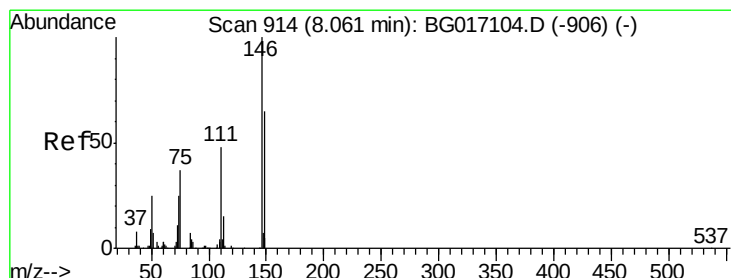
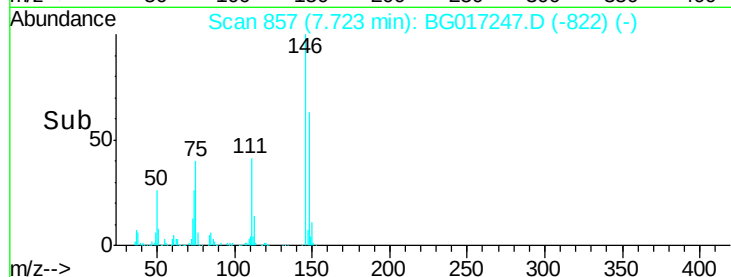
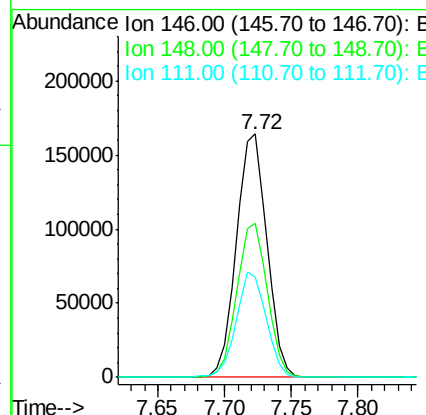
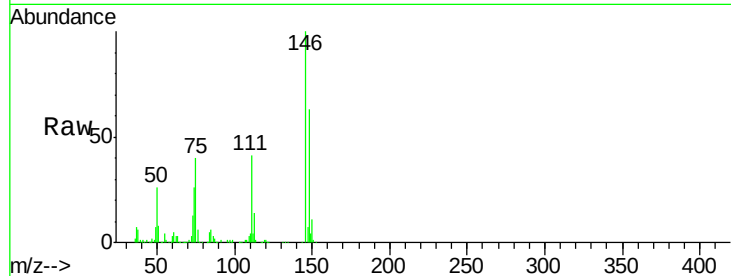




#13
 1,4-Dichlorobenzene
 Concen: 90.72 ng
 RT: 7.72 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: BG017247.D
 Acq: 22 May 2015 15:31

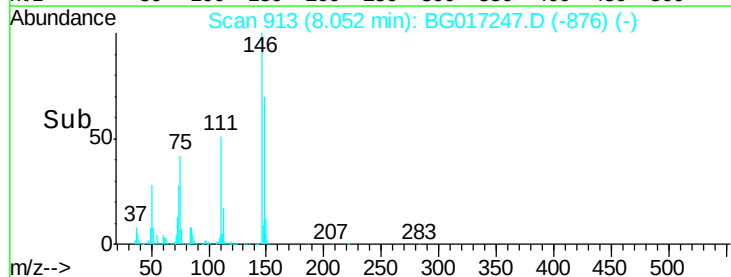
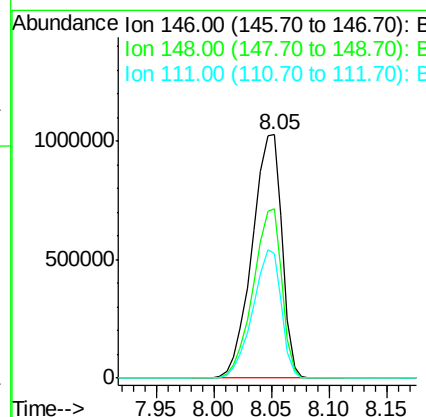
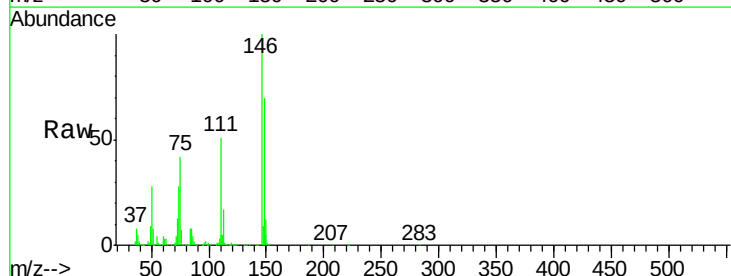
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-150512

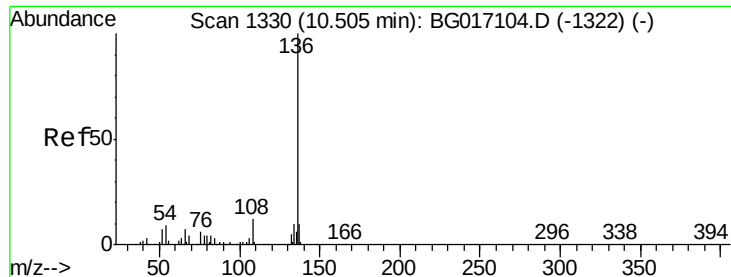
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.9	80.9
111	41.0	37.9	56.9



#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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.6	52.3	78.5
111	51.0	39.0	58.4

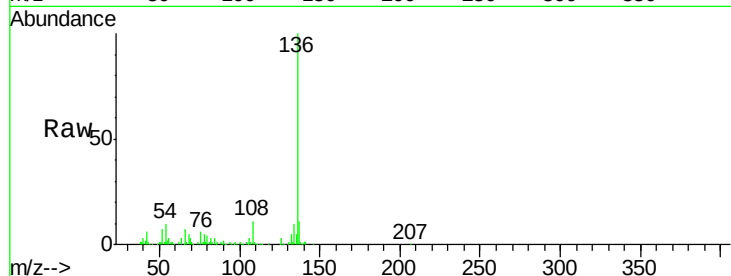




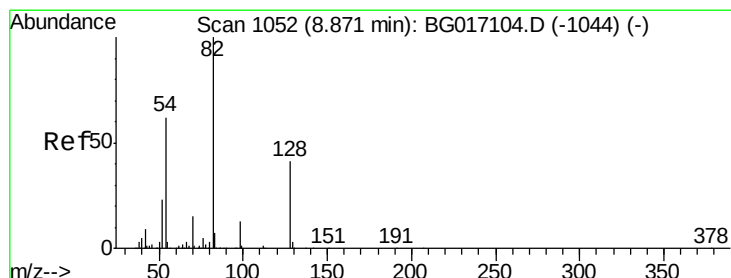
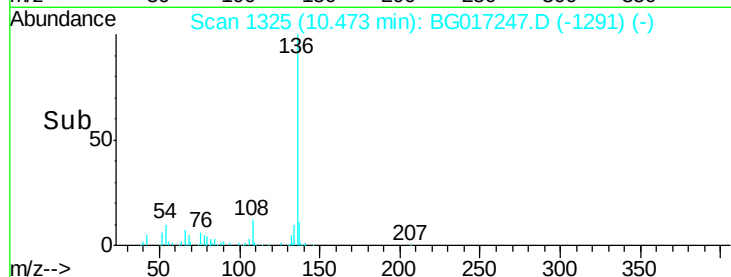
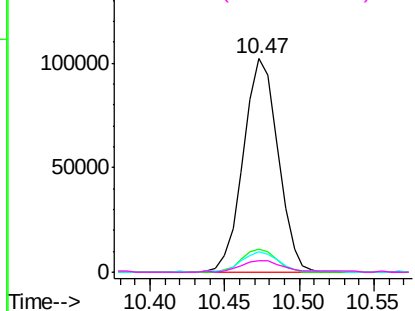
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017247.D
Acq: 22 May 2015 15:31

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

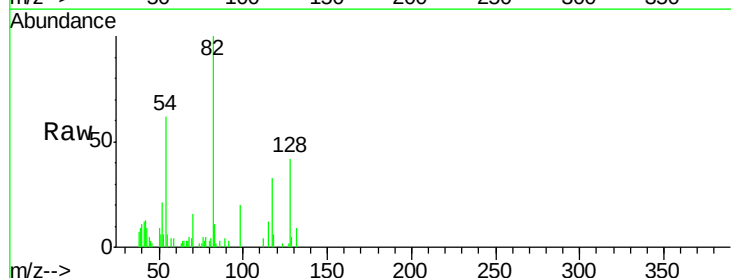


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

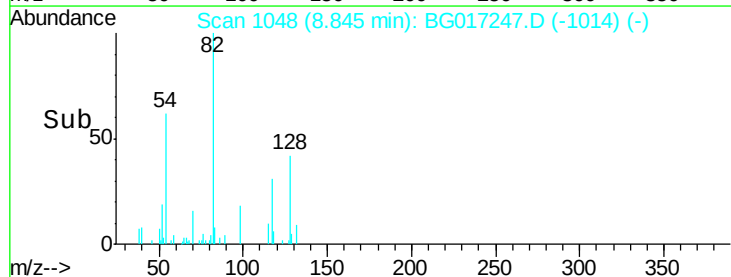
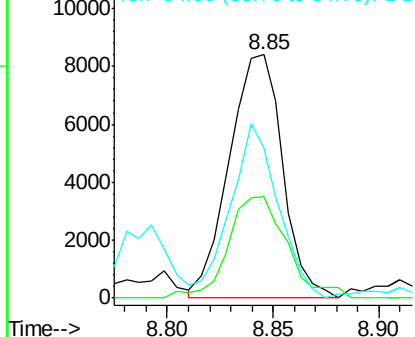


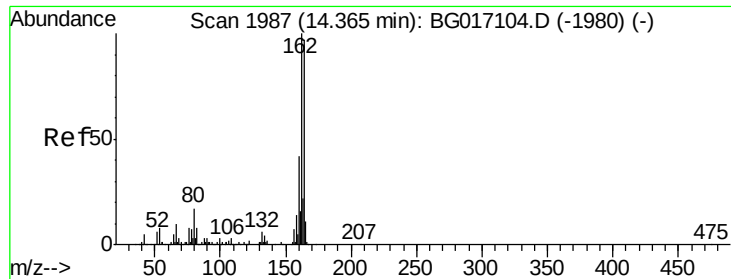
#23
Nitrobenzene-d5
Concen: 4.19 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG017247.D
Acq: 22 May 2015 15:31

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): 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: 14.33 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

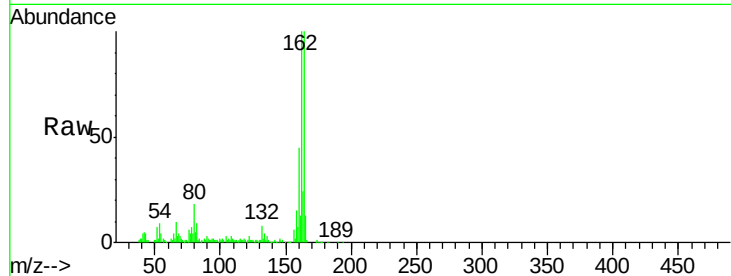
Tgt Ion:164 Resp: 98795

Ion Ratio Lower Upper

164 100

162 99.9 82.1 123.1

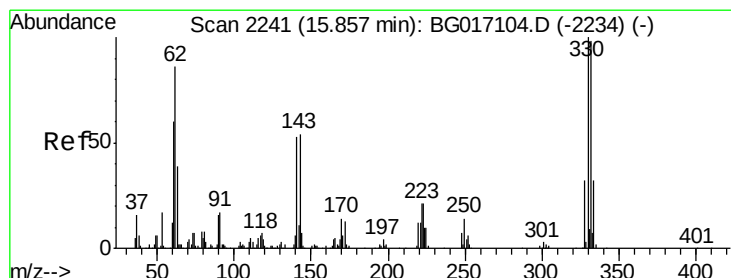
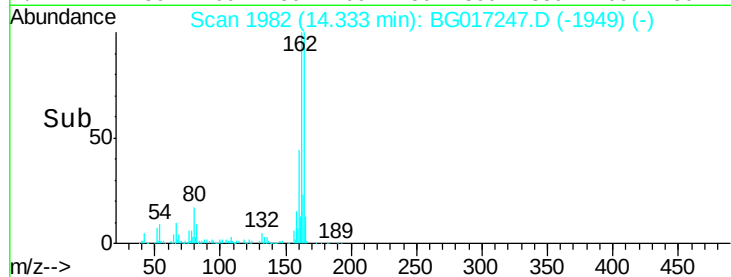
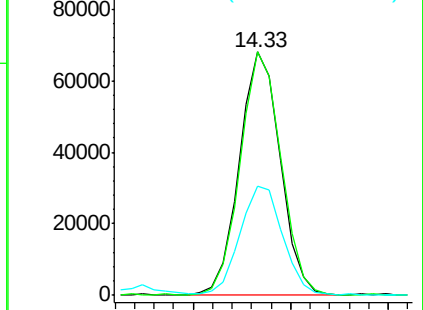
160 44.8 34.8 52.2



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

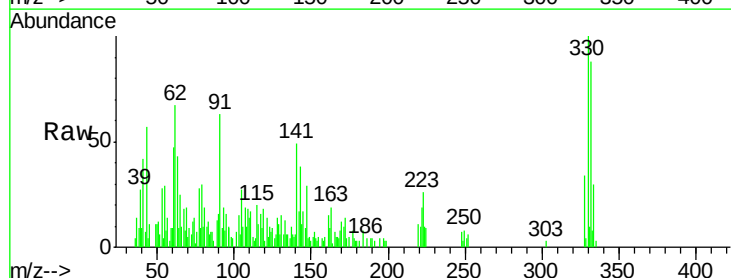
Tgt Ion:330 Resp: 9255

Ion Ratio Lower Upper

330 100

332 94.3 76.9 115.3

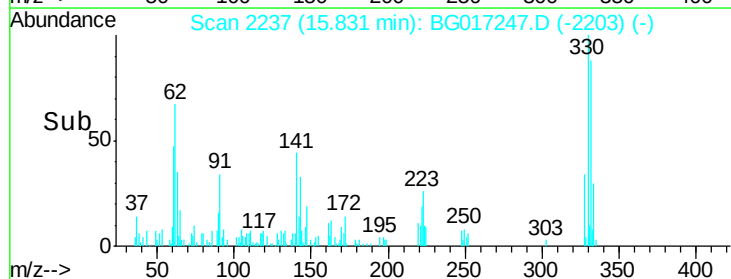
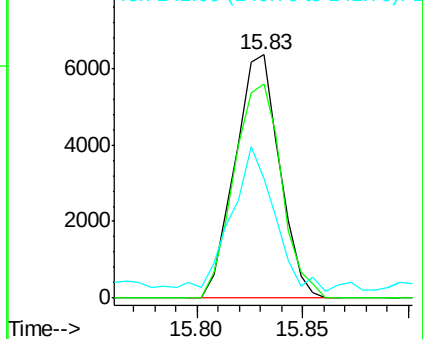
141 59.8 42.2 63.2

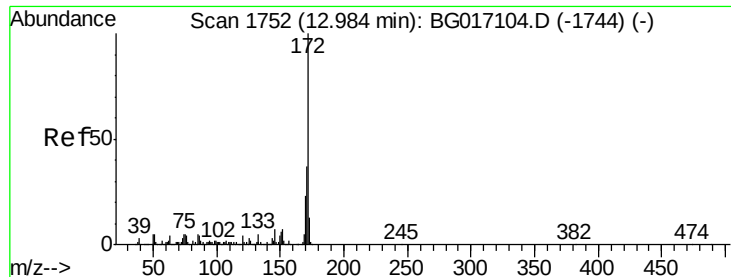


Abundance Ion 329.80 (329.50 to 330.50): E

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

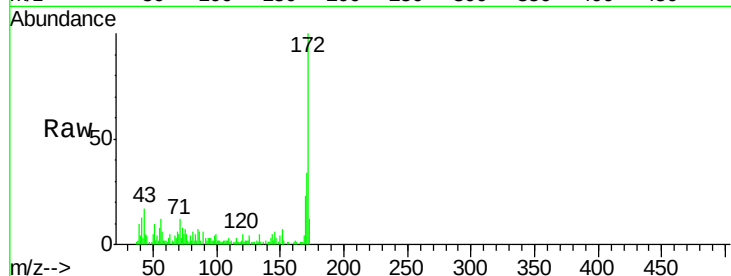
Tgt Ion:172 Resp: 30887

Ion Ratio Lower Upper

172 100

171 34.1 29.7 44.5

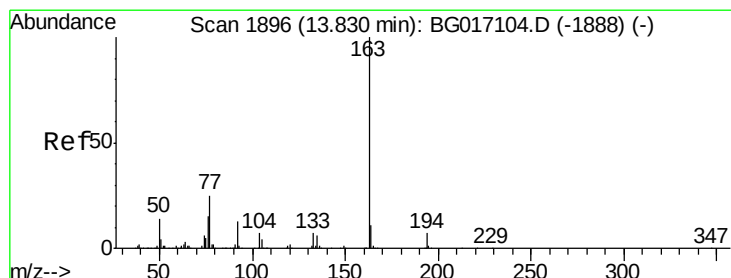
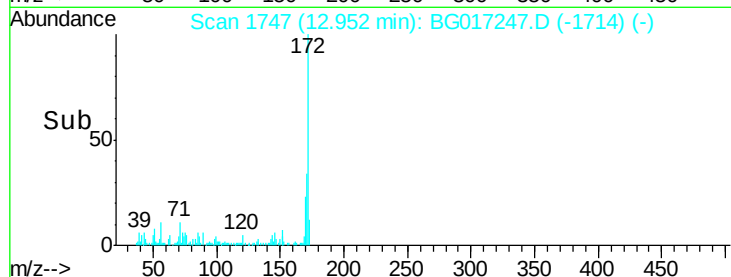
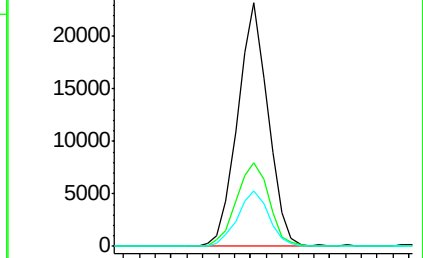
170 22.6 18.4 27.6



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: 5.28 ng

RT: 13.79 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG017247.D

Acq: 22 May 2015 15:31

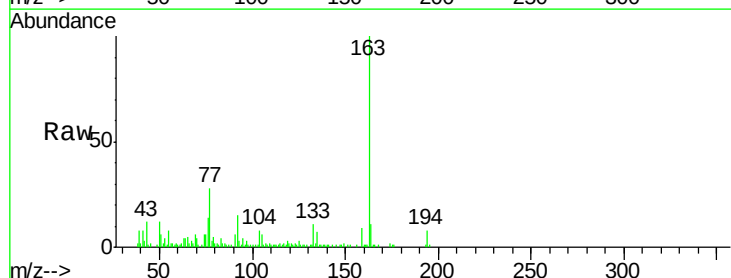
Tgt Ion:163 Resp: 40784

Ion Ratio Lower Upper

163 100

194 8.0 5.6 8.4

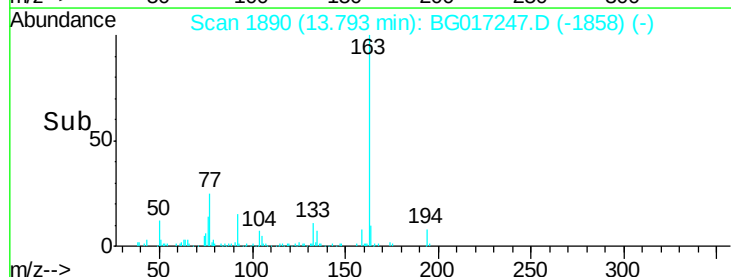
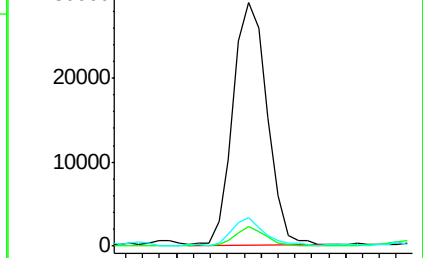
164 11.5 8.6 13.0

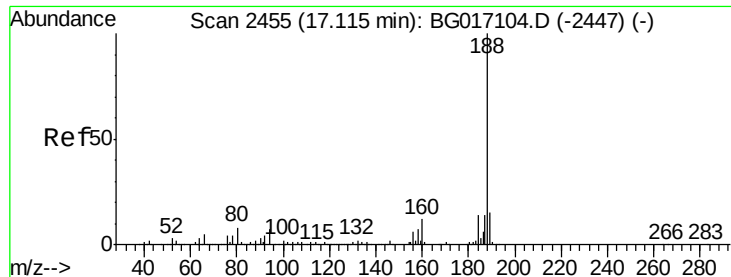


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

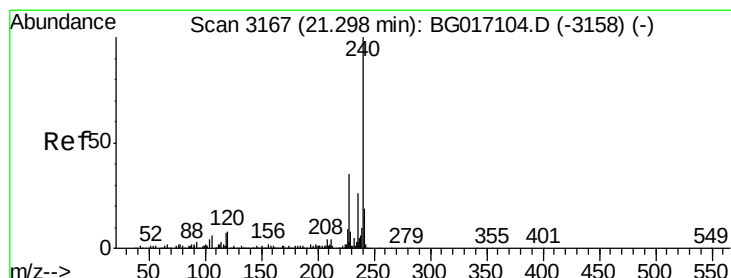
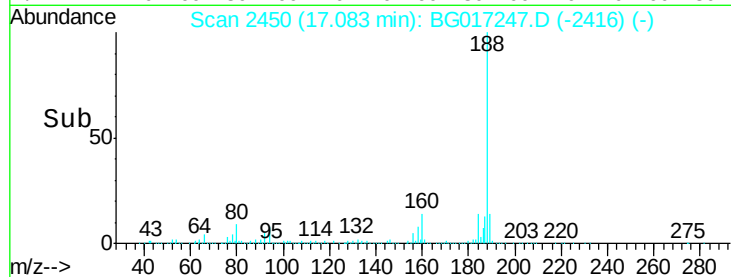
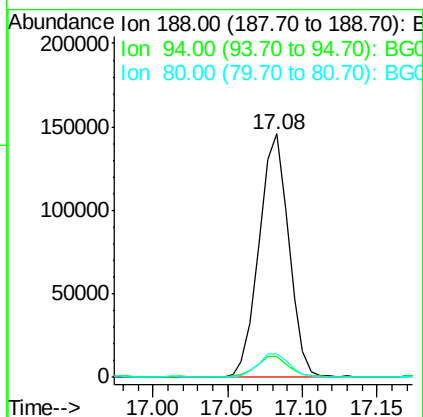
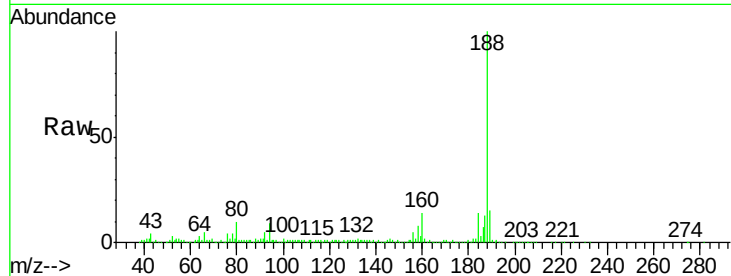




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG017247.D
Acq: 22 May 2015 15:31

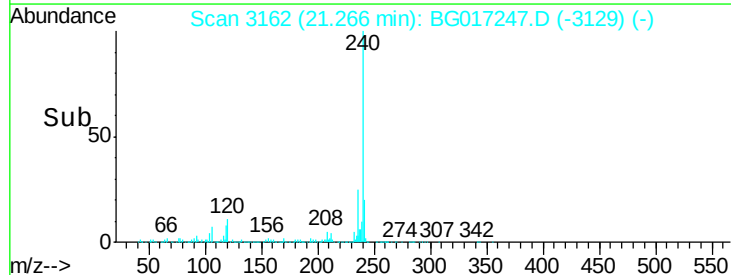
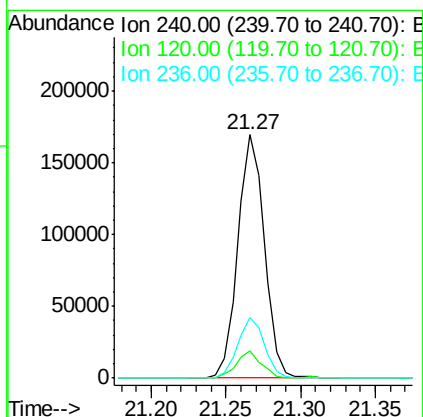
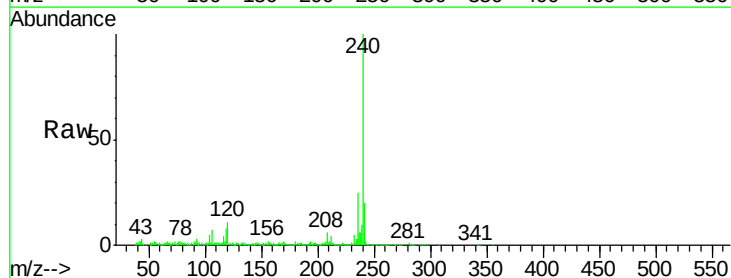
Instrument :
BNA_G
ClientSampleId :
SS043MW009-150512

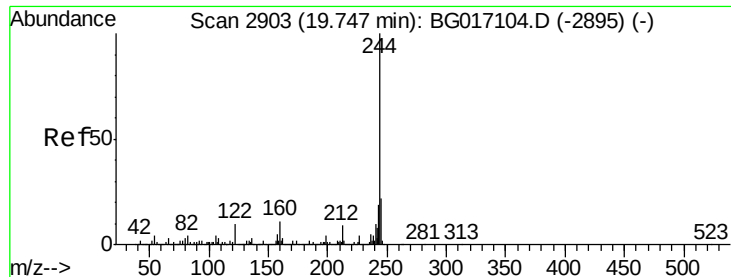
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.8	8.6#
80	9.6	6.5	9.7



#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

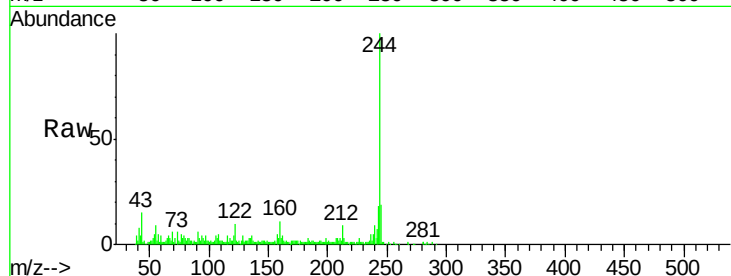
Tgt Ion:244 Resp: 55909

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.4

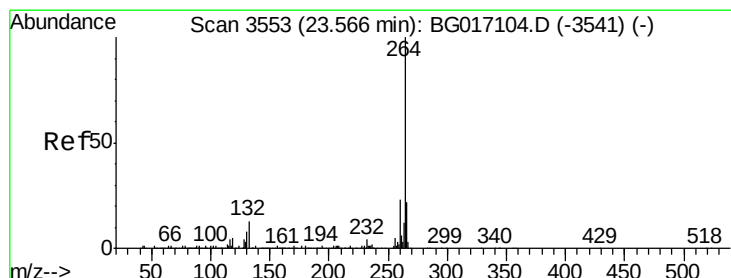
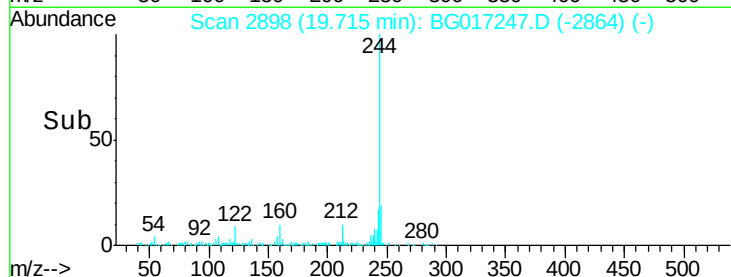
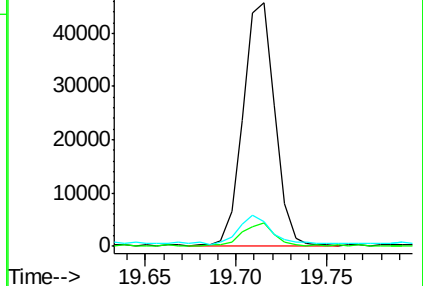
122 10.2 8.4 12.6



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

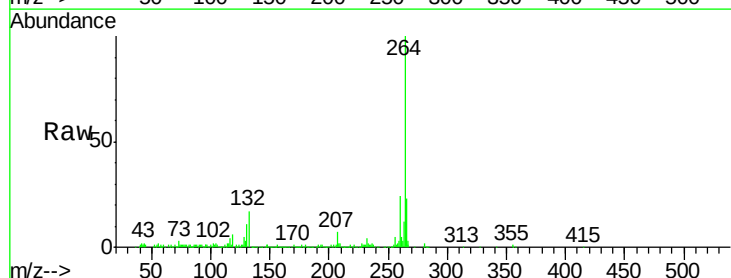
Tgt Ion:264 Resp: 203214

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

