

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017050.D
 Acq On : 11 May 2015 13:22
 Operator : TP/IZ
 Sample : G2038-05DL2 50X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-03DL2

Quant Time: May 12 04:15:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:00:00 2015
 Response via : Initial Calibration

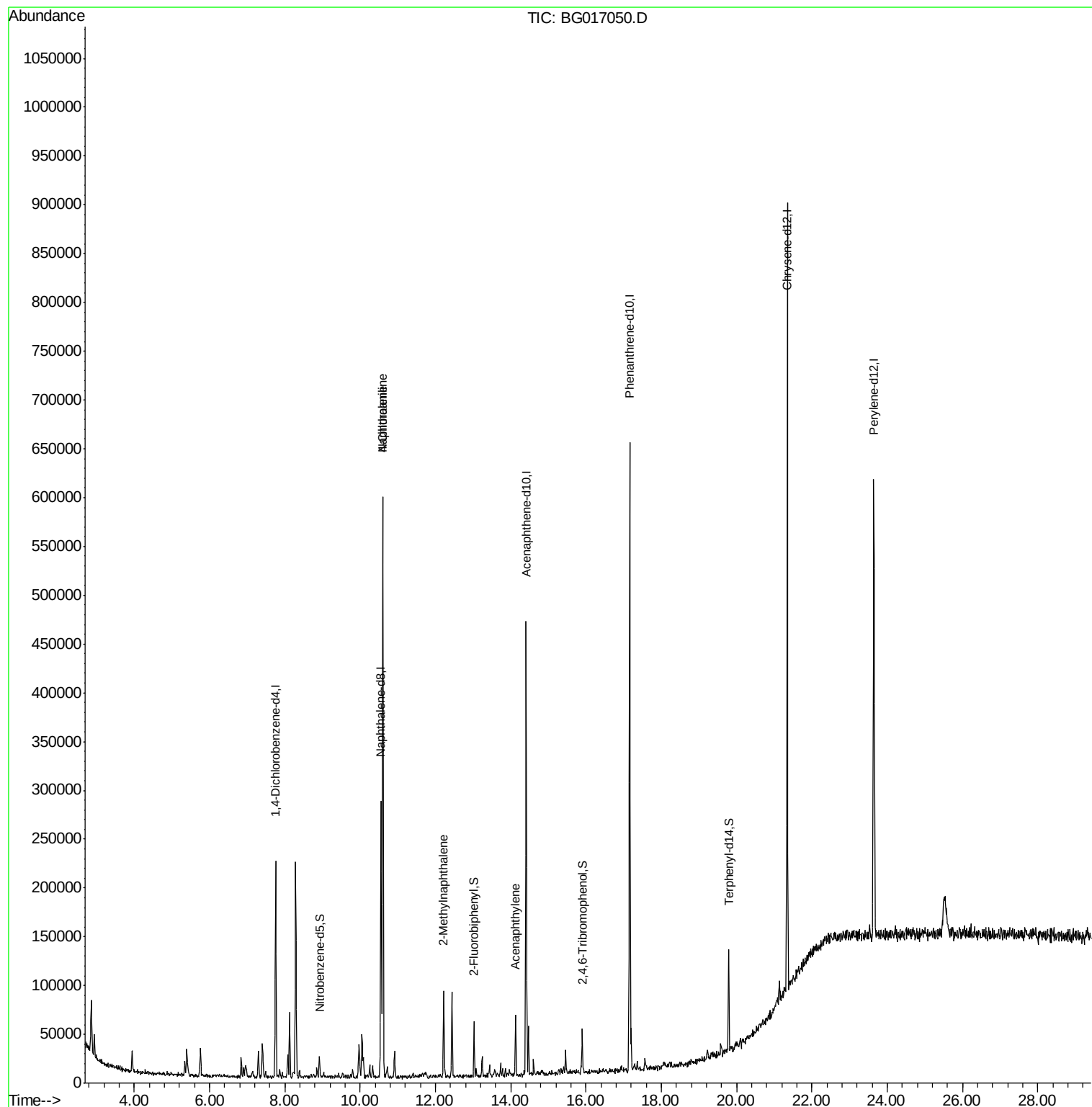
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	48905	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	213060	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	143352	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	333470	20.00	ng	0.00
75) Chrysene-d12	21.35	240	354308	20.00	ng	0.00
86) Perylene-d12	23.65	264	340210	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	5307	1.89	ng	0.00
7) Phenol-d6	6.95	99	5102	1.27	ng	0.00
23) Nitrobenzene-d5	8.92	82	11354	2.60	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	6066	4.22	ng	0.00
44) 2-Fluorobiphenyl	13.03	172	25928	2.73	ng	0.00
78) Terphenyl-d14	19.79	244	41411	2.74	ng	0.00
Target Compounds						
31) Naphthalene	10.60	128	440790	41.60	ng	99
32) Benzoic acid	9.90	122	69	Below Cal	#	64
33) 4-Chloroaniline	10.60	127	60645	12.39	ng	# 34
37) 2-Methylnaphthalene	12.22	142	37578	4.66	ng	# 91
48) Acenaphthylene	14.13	152	35132	2.48	ng	95

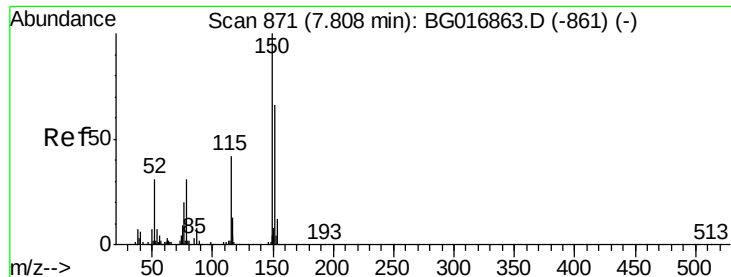
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



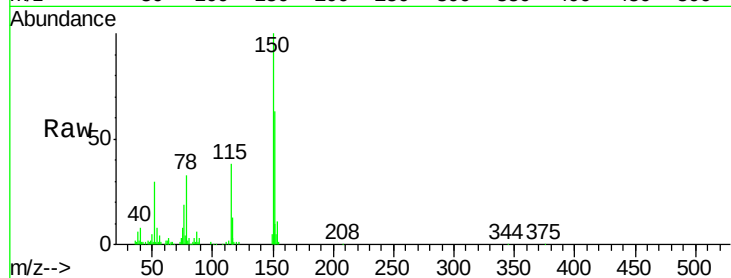


#1

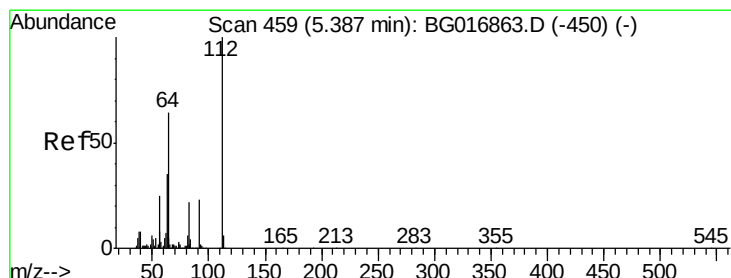
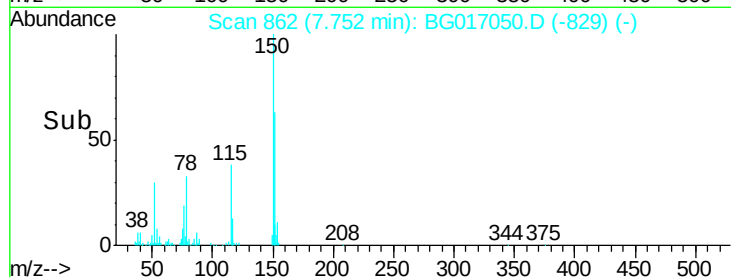
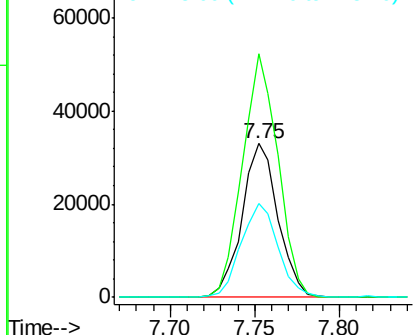
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

Instrument :
BNA_G
ClientSampleId :
DBMW-03DL2

Tgt Ion:152 Resp: 48905
Ion Ratio Lower Upper
152 100
150 158.7 121.0 181.4
115 61.0 50.5 75.7



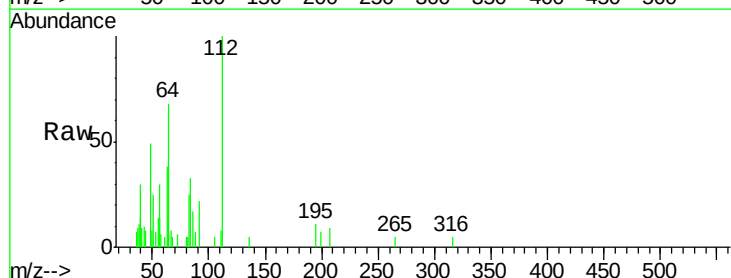
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



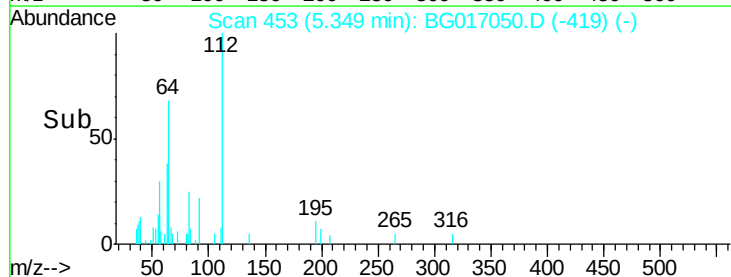
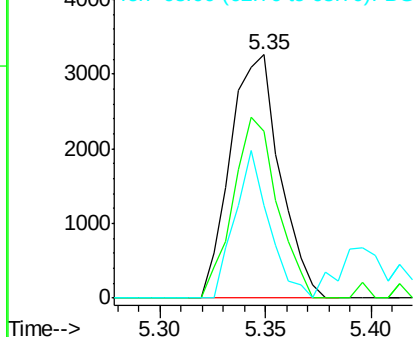
#5

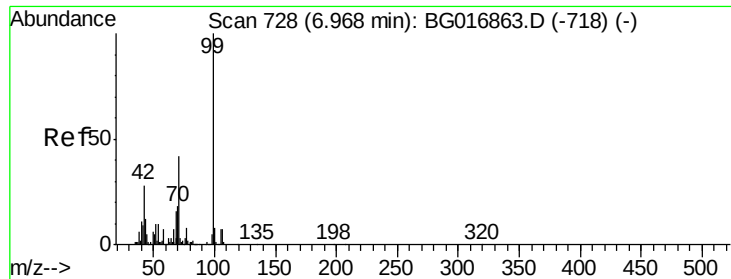
2-Fluorophenol
Concen: 1.89 ng
RT: 5.35 min Scan# 453
Delta R.T. 0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

Tgt Ion:112 Resp: 5307
Ion Ratio Lower Upper
112 100
64 68.3 51.4 77.2
63 37.9 28.1 42.1



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: 1.27 ng

RT: 6.95 min Scan# 726

Delta R.T. 0.01 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

Instrument :

BNA_G

ClientSampleId :

DBMW-03DL2

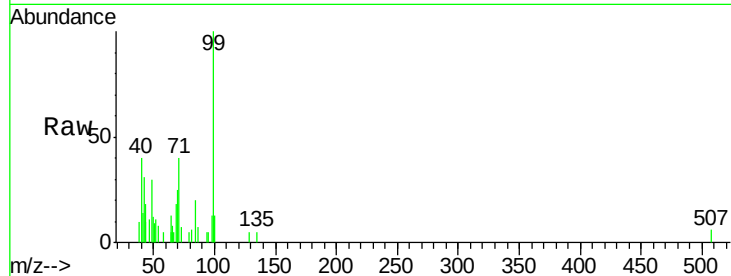
Tgt Ion: 99 Resp: 5102

Ion Ratio Lower Upper

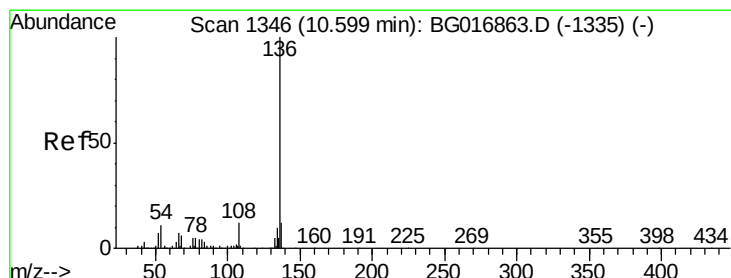
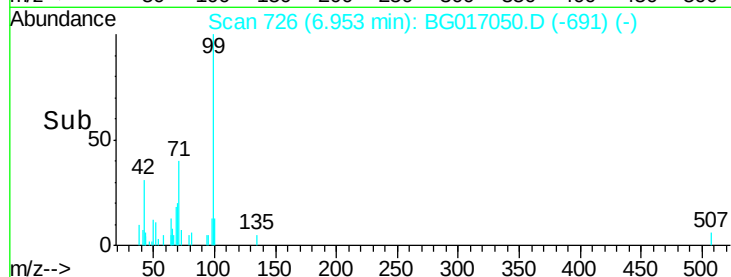
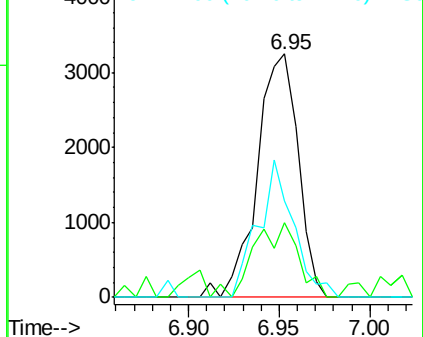
99 100

42 30.8 22.1 33.1

71 39.7 33.4 50.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

Tgt Ion: 136 Resp: 213060

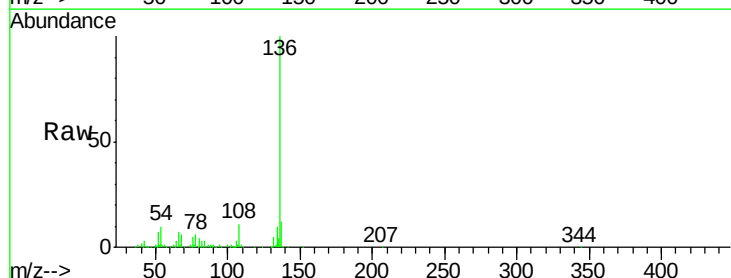
Ion Ratio Lower Upper

136 100

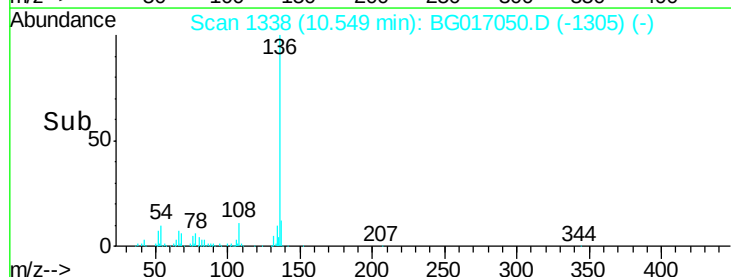
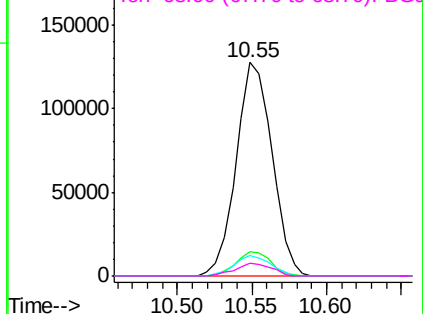
137 11.6 9.8 14.8

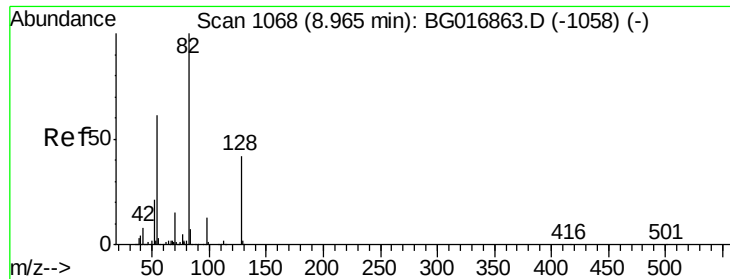
54 9.5 8.7 13.1

68 5.7 5.0 7.4



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

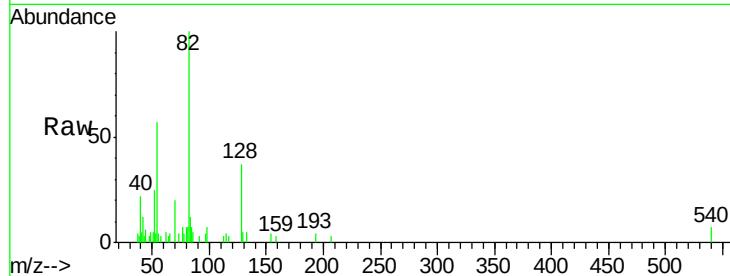




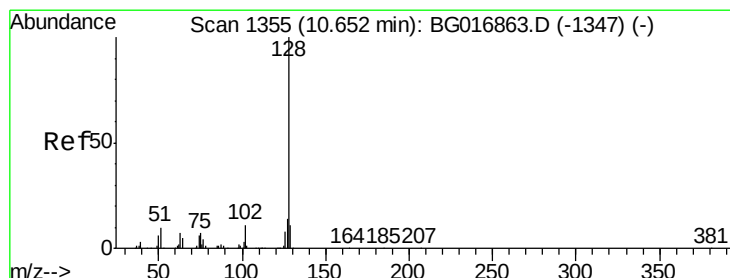
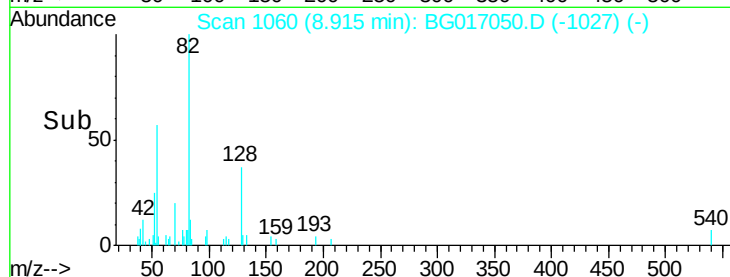
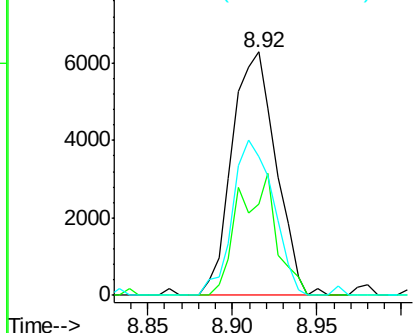
#23
 Nitrobenzene-d5
 Concen: 2.60 ng
 RT: 8.92 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BG017050.D
 Acq: 11 May 2015 13:22

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-03DL2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.2	49.8
54	57.1	48.6	72.8

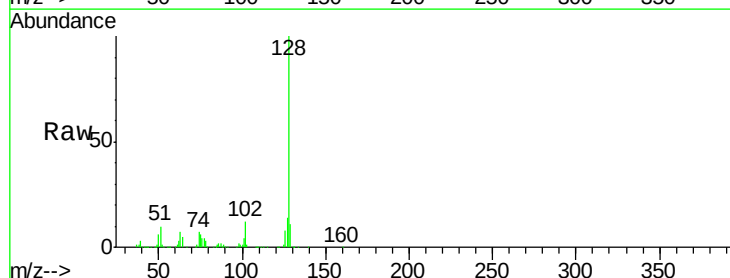


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

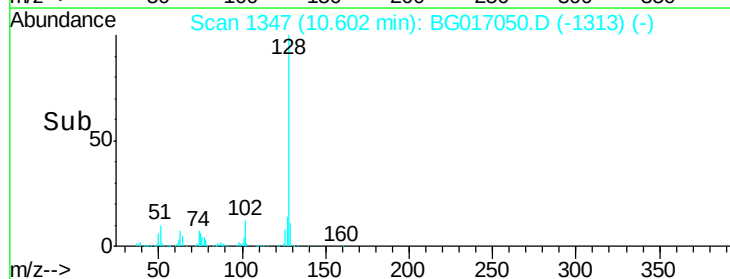
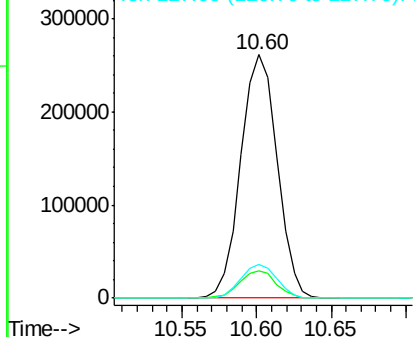


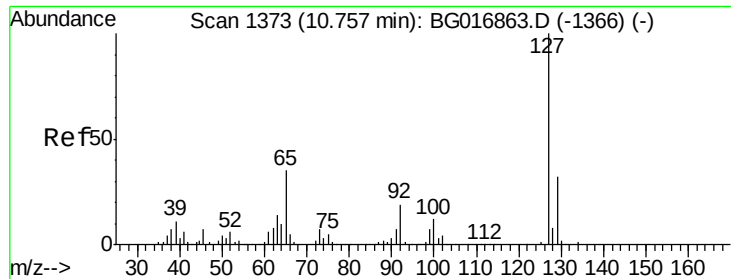
#31
 Naphthalene
 Concen: 41.60 ng
 RT: 10.60 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BG017050.D
 Acq: 11 May 2015 13:22

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.8	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

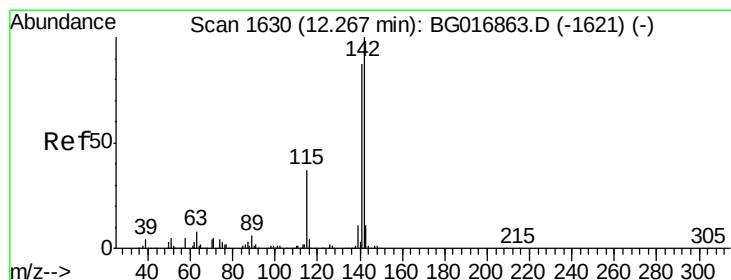
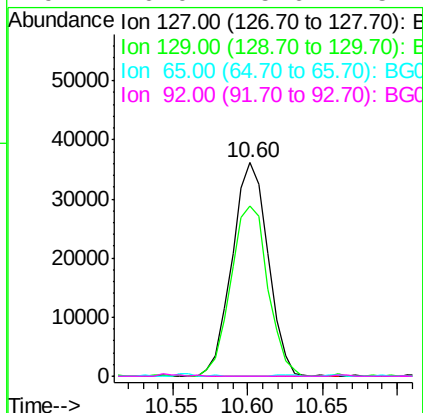
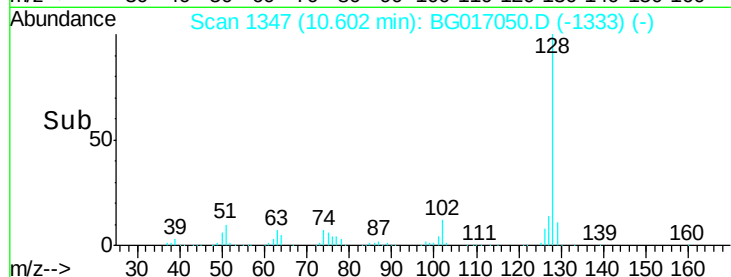
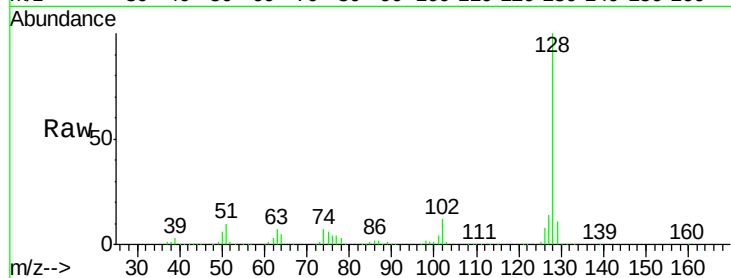




#33
4-Chloroaniline
Concen: 12.39 ng
RT: 10.60 min Scan# 1347
Delta R.T. -0.12 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

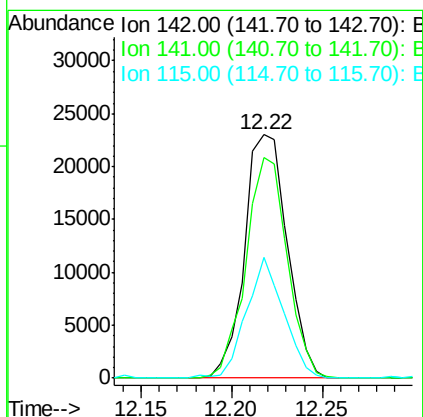
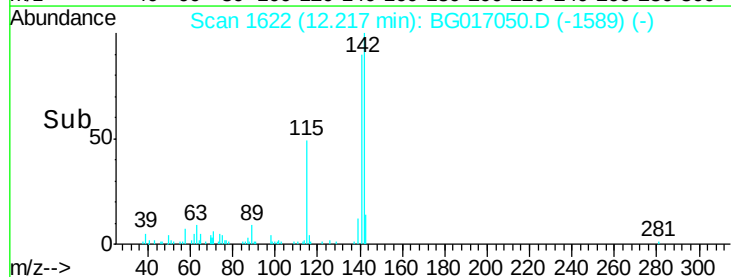
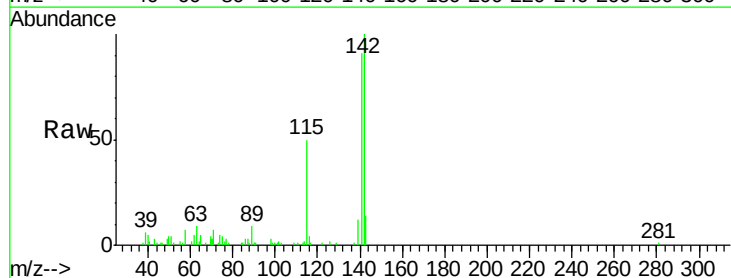
Instrument :
BNA_G
ClientSampleId :
DBMW-03DL2

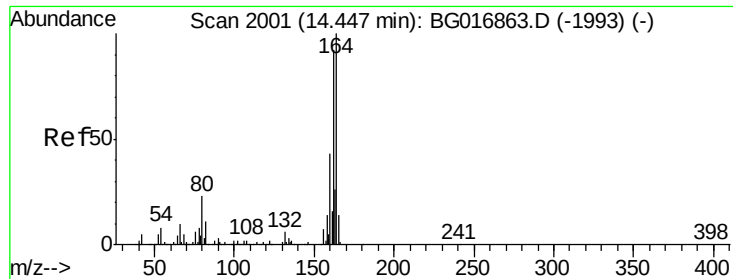
Tgt Ion:	127	Resp:	60645
Ion	Ratio	Lower	Upper
127	100		
129	79.9	25.8	38.6#
65	0.0	28.2	42.2#
92	0.0	15.6	23.4#



#37
2-Methylnaphthalene
Concen: 4.66 ng
RT: 12.22 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

Tgt Ion:	142	Resp:	37578
Ion	Ratio	Lower	Upper
142	100		
141	90.8	69.9	104.9
115	49.6	29.8	44.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

Instrument :

BNA_G

ClientSampleId :

DBMW-03DL2

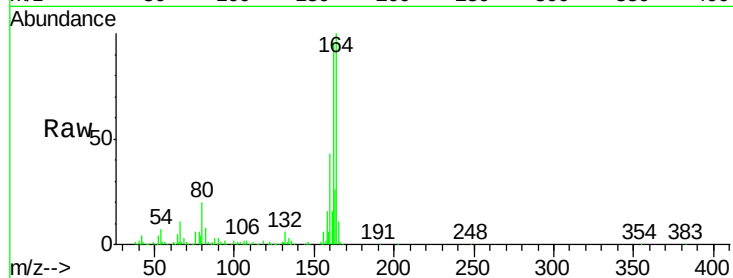
Tgt Ion:164 Resp: 143352

Ion Ratio Lower Upper

164 100

162 96.1 74.0 111.0

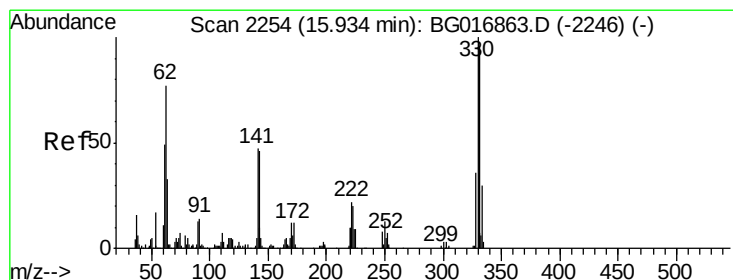
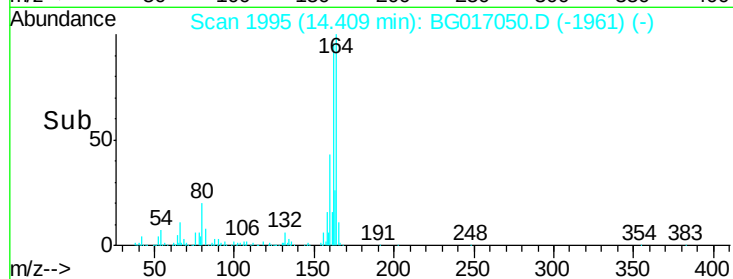
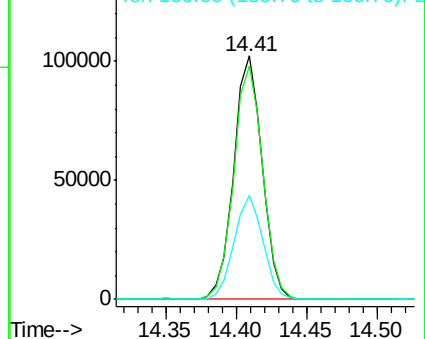
160 42.5 34.7 52.1



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: 4.22 ng

RT: 15.90 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

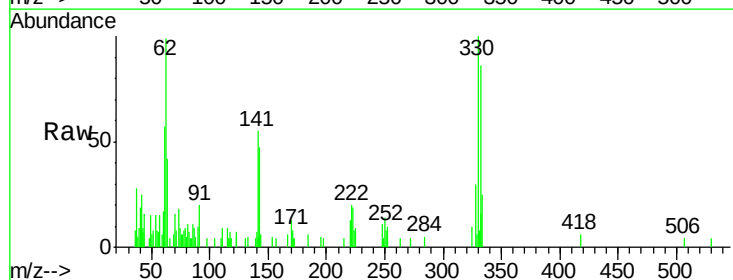
Tgt Ion:330 Resp: 6066

Ion Ratio Lower Upper

330 100

332 95.3 0.0 0.0#

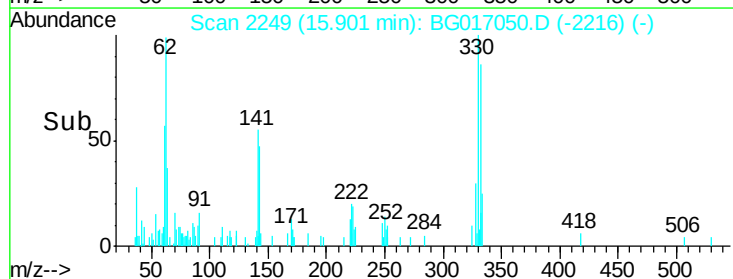
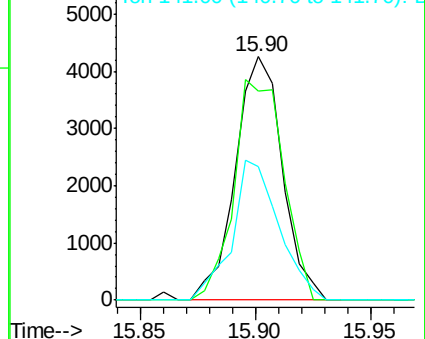
141 57.2 0.0 0.0#

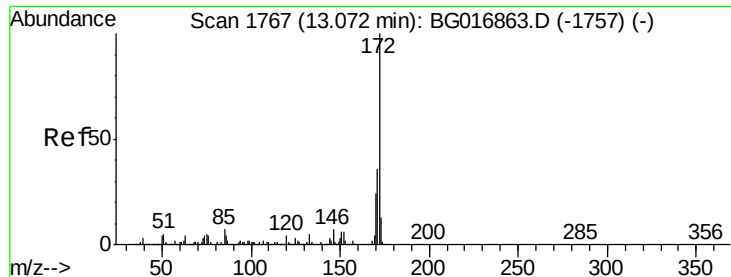


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

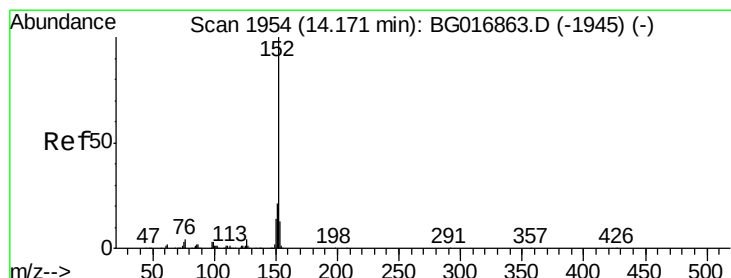
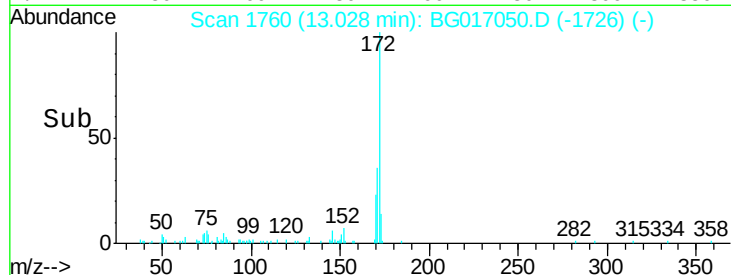
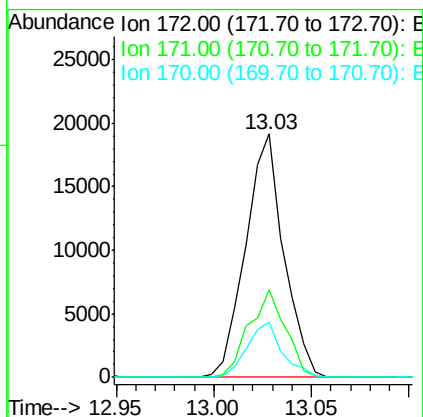
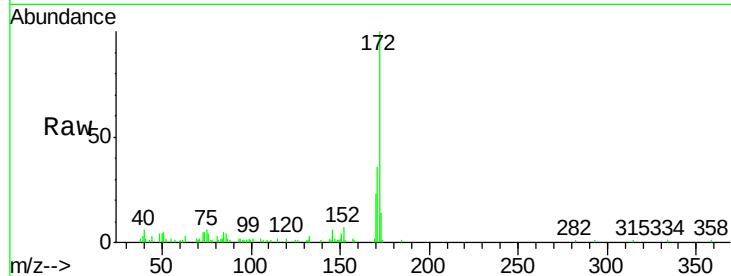




#44
2-Fluorobiphenyl
Concen: 2.73 ng
RT: 13.03 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

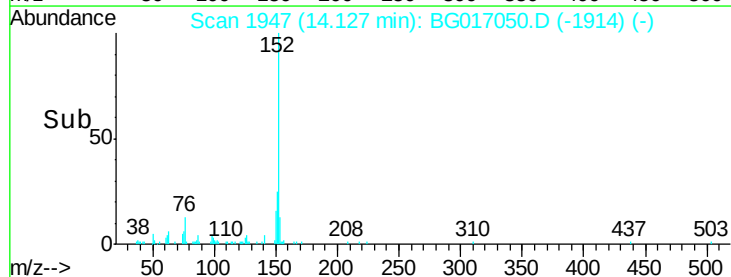
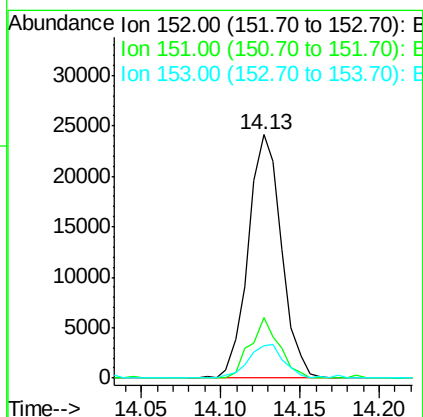
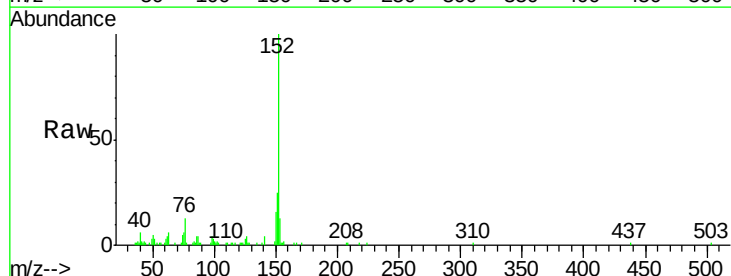
Instrument :
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DBMW-03DL2

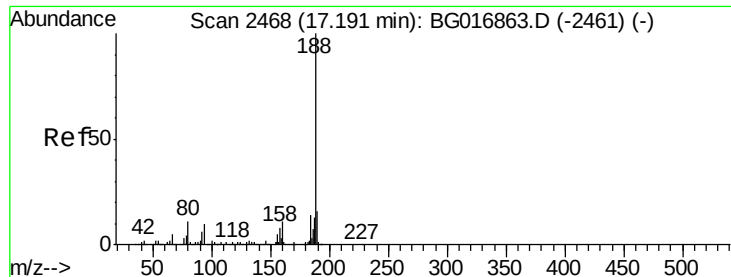
Tgt Ion:172 Resp: 25928
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 22.6 19.0 28.4



#48
Acenaphthylene
Concen: 2.48 ng
RT: 14.13 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

Tgt Ion:152 Resp: 35132
Ion Ratio Lower Upper
152 100
151 24.6 17.0 25.4
153 13.4 10.7 16.1

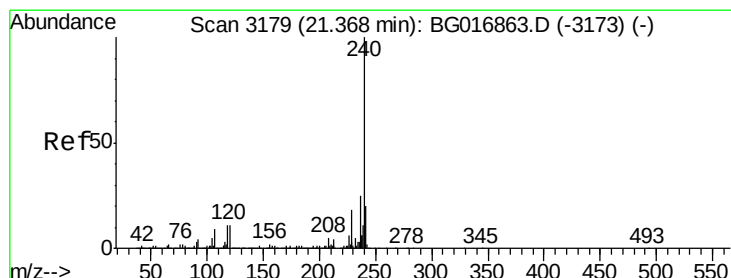
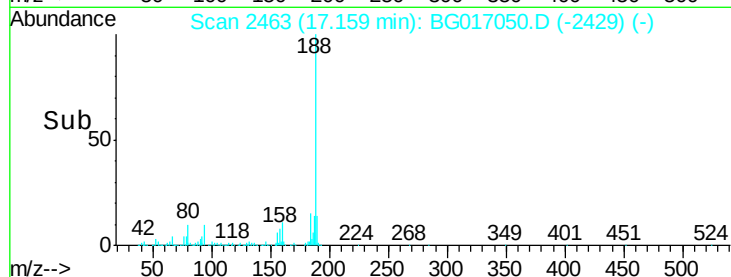
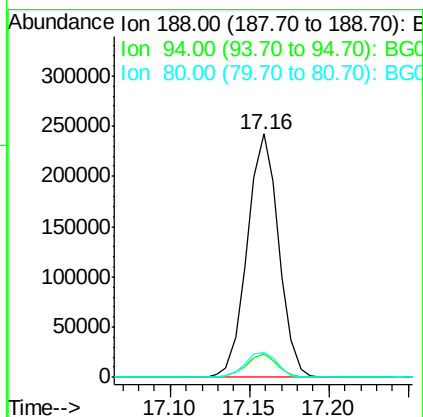
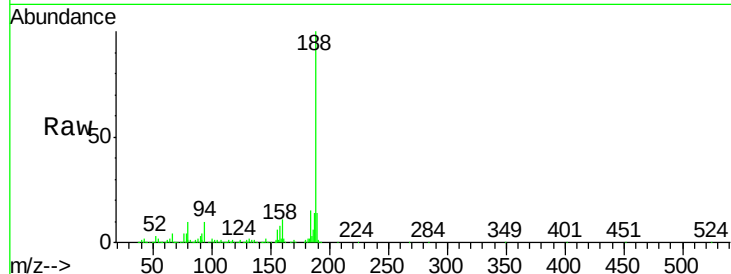




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

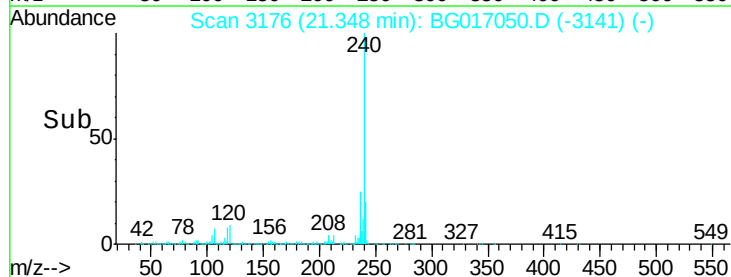
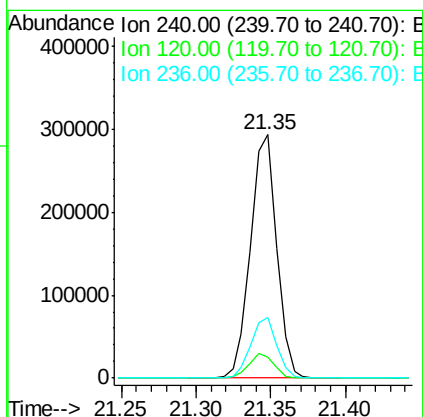
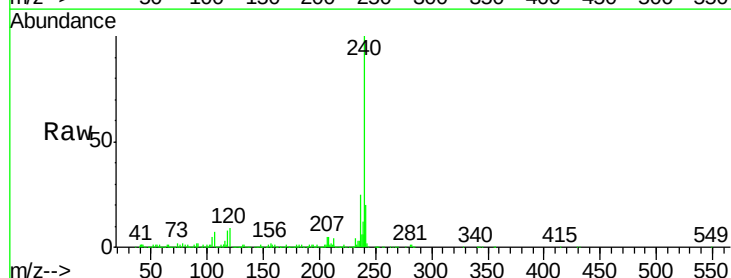
Instrument :
BNA_G
ClientSampleId :
DBMW-03DL2

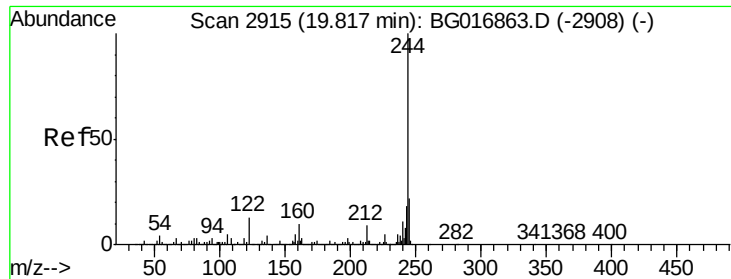
Tgt Ion:188 Resp: 333470
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.4
80 10.3 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG017050.D
Acq: 11 May 2015 13:22

Tgt Ion:240 Resp: 354308
Ion Ratio Lower Upper
240 100
120 8.5 9.1 13.7#
236 24.7 20.2 30.4





#78

Terphenyl-d14

Concen: 2.74 ng

RT: 19.79 min Scan# 2911

Delta R.T. 0.00 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

Instrument :

BNA_G

ClientSampleId :

DBMW-03DL2

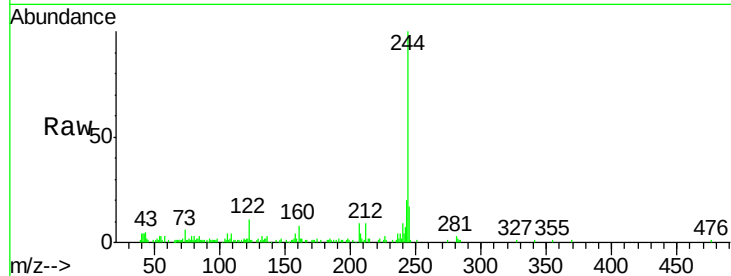
Tgt Ion:244 Resp: 41411

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

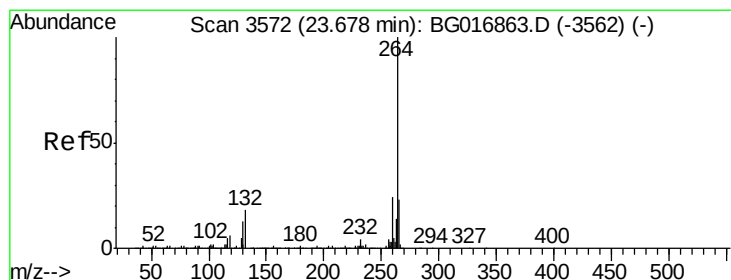
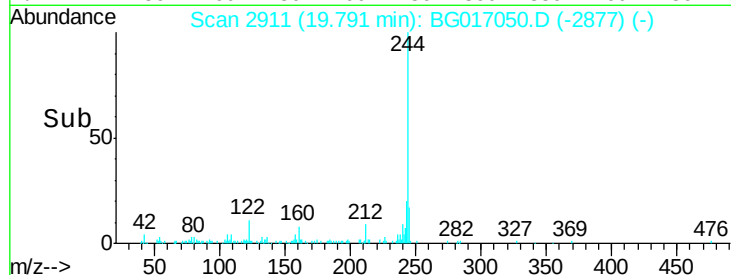
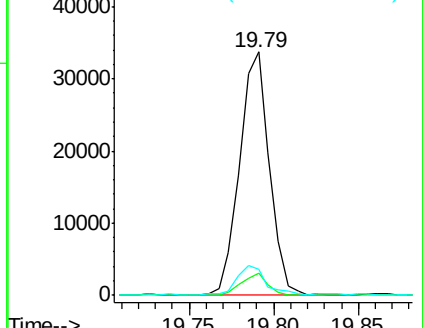
122 10.7 10.4 15.6



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: 23.65 min Scan# 3567

Delta R.T. 0.01 min

Lab File: BG017050.D

Acq: 11 May 2015 13:22

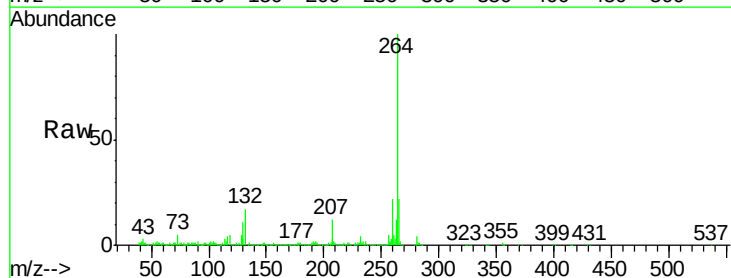
Tgt Ion:264 Resp: 340210

Ion Ratio Lower Upper

264 100

260 22.0 19.5 29.3

265 22.0 18.5 27.7



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

