

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017035.D
 Acq On : 10 May 2015 22:26
 Operator : TP/IZ
 Sample : G2130-03
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-A22B-WC

Quant Time: May 11 05:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 05:17:53 2015
 Response via : Initial Calibration

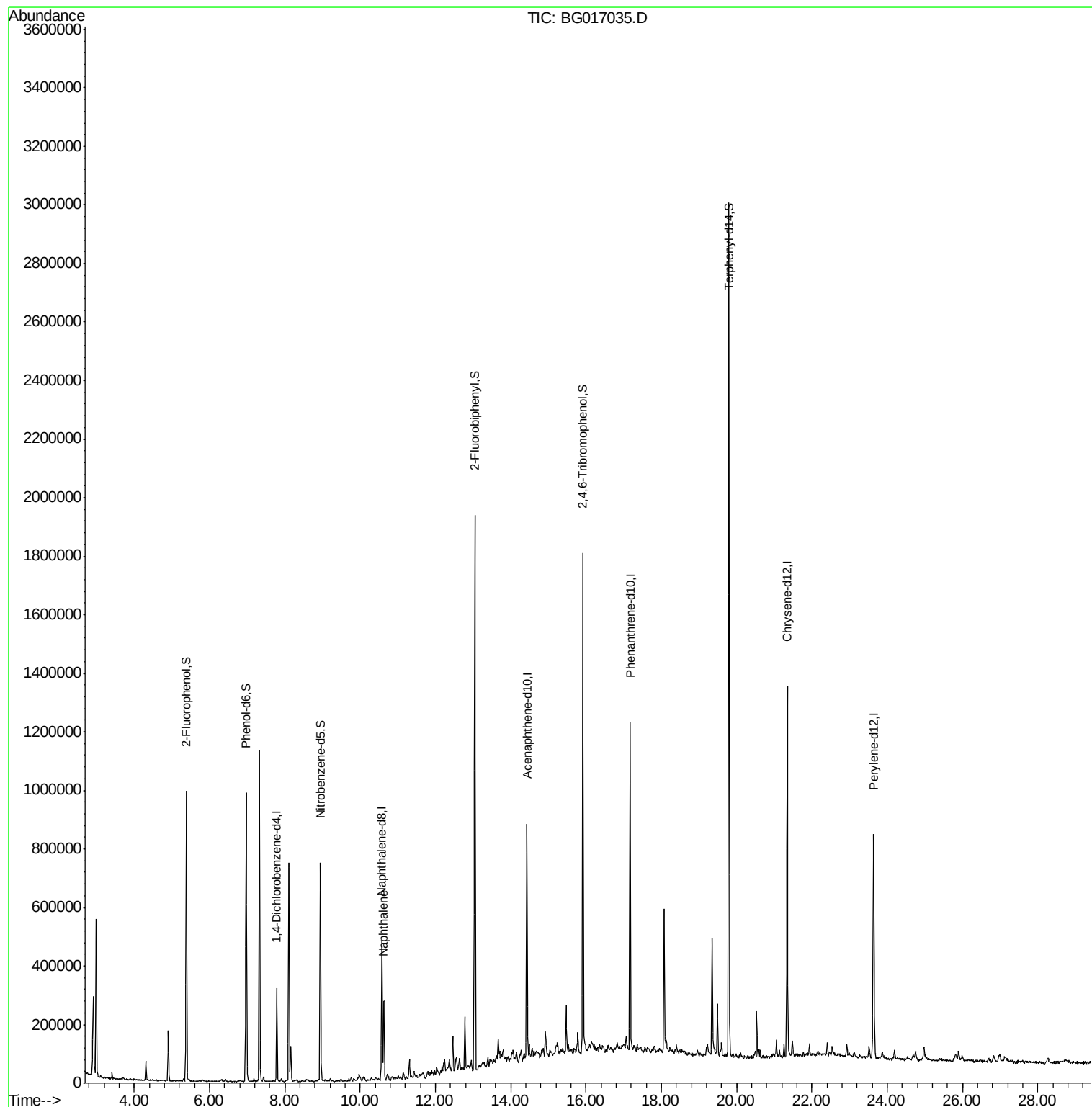
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	71629	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	347889	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	249039	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	556652	20.00	ng	0.00
75) Chrysene-d12	21.35	240	554013	20.00	ng	0.00
86) Perylene-d12	23.64	264	539295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	358200	87.07	ng	0.00
7) Phenol-d6	6.97	99	475671	80.94	ng	0.00
23) Nitrobenzene-d5	8.95	82	388318	54.53	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	245995	98.39	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	827175	50.12	ng	0.00
78) Terphenyl-d14	19.80	244	1156723	48.95	ng	0.00
Target Compounds						
31) Naphthalene	10.63	128	199379	11.52	ng	97
32) Benzoic acid	9.92	122	293	Below Cal	#	48

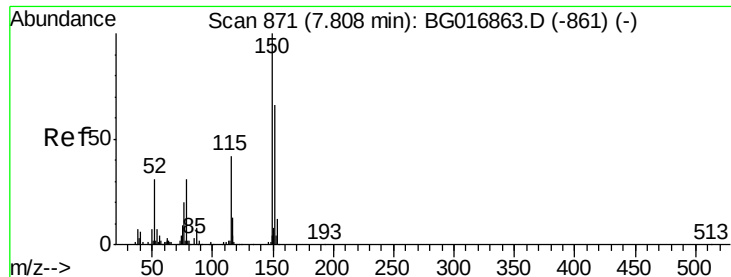
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG017035.D

Acq: 10 May 2015 22:26

Instrument :

BNA_G

ClientSampleId :

MW-A22B-WC

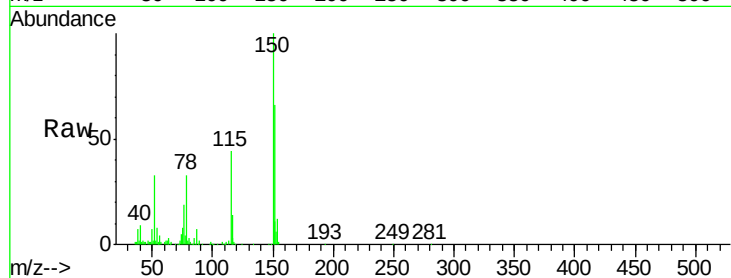
Tgt Ion:152 Resp: 71629

Ion Ratio Lower Upper

152 100

150 152.5 121.0 181.4

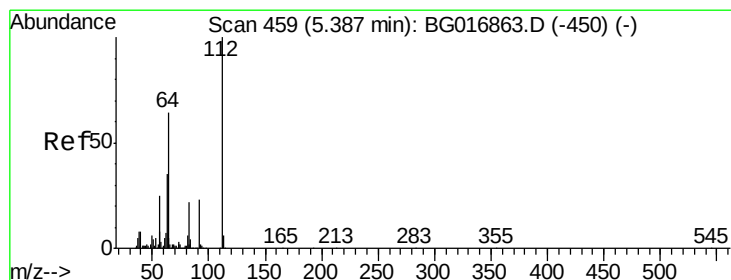
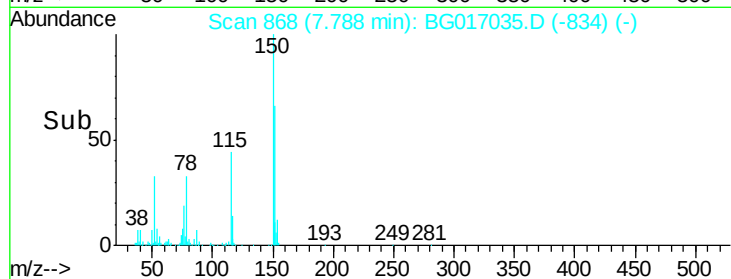
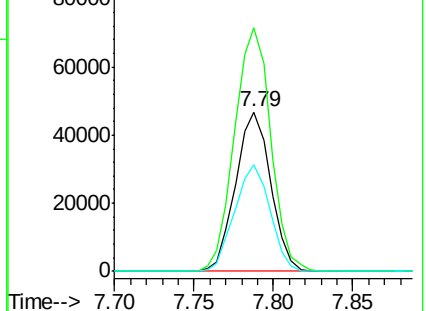
115 66.7 50.5 75.7



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: 87.07 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.00 min

Lab File: BG017035.D

Acq: 10 May 2015 22:26

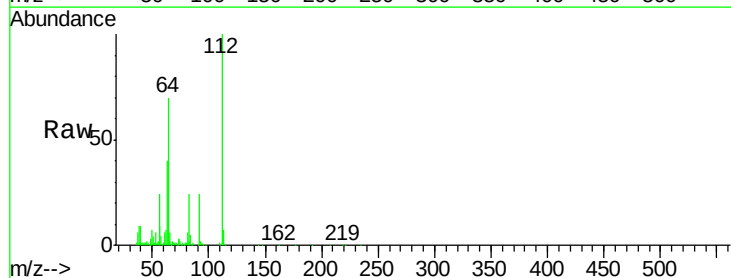
Tgt Ion:112 Resp: 358200

Ion Ratio Lower Upper

112 100

64 70.1 51.4 77.2

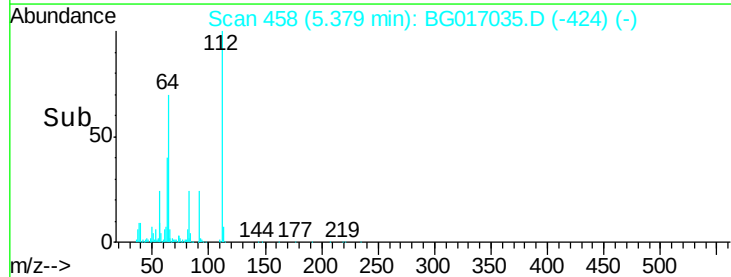
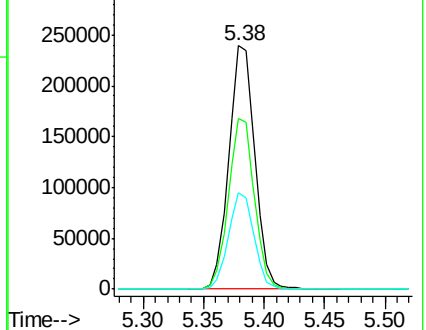
63 39.7 28.1 42.1

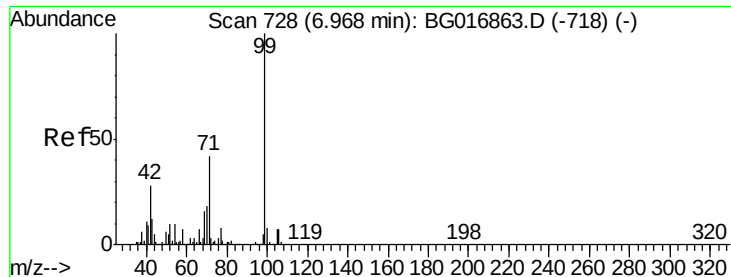


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 80.94 ng

RT: 6.97 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG017035.D

Acq: 10 May 2015 22:26

Instrument :

BNA_G

ClientSampleId :

MW-A22B-WC

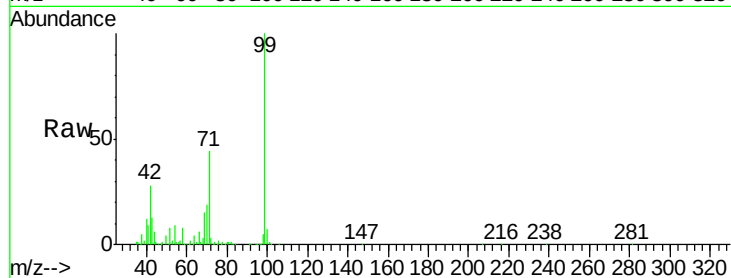
Tgt Ion: 99 Resp: 475671

Ion Ratio Lower Upper

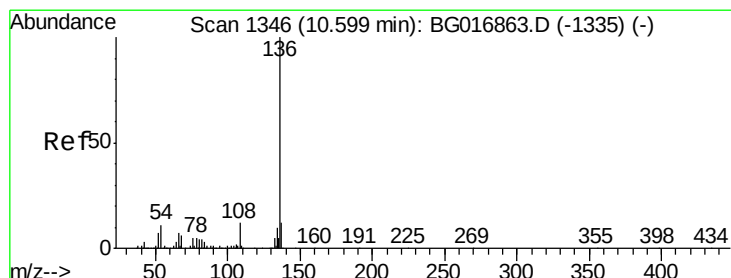
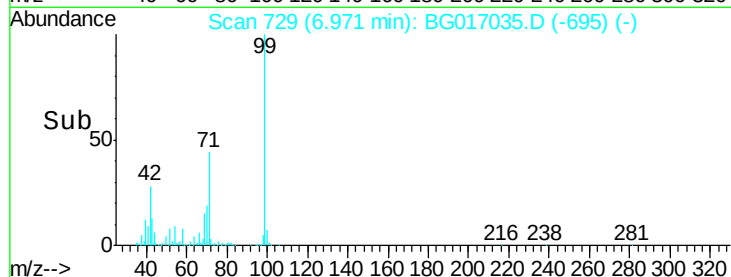
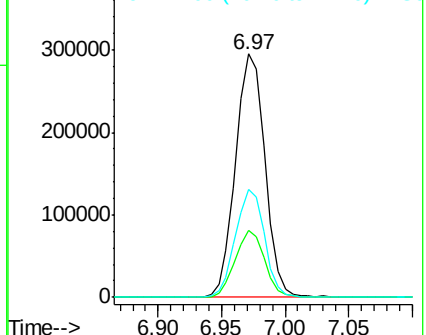
99 100

42 27.7 22.1 33.1

71 44.1 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: 10.58 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG017035.D

Acq: 10 May 2015 22:26

Tgt Ion: 136 Resp: 347889

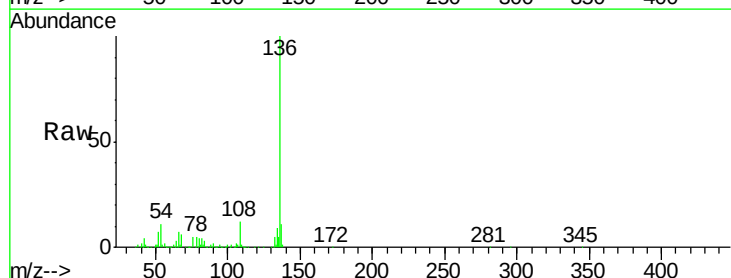
Ion Ratio Lower Upper

136 100

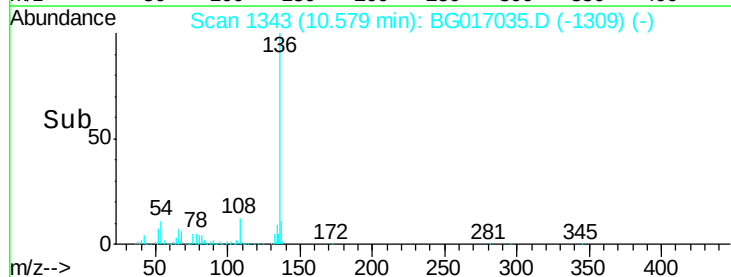
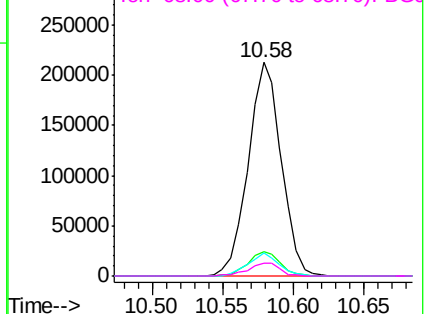
137 11.5 9.8 14.8

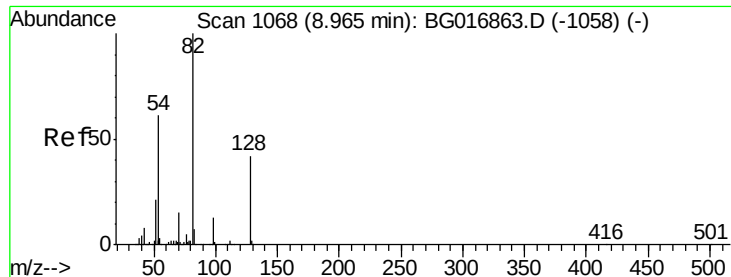
54 11.0 8.7 13.1

68 6.3 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

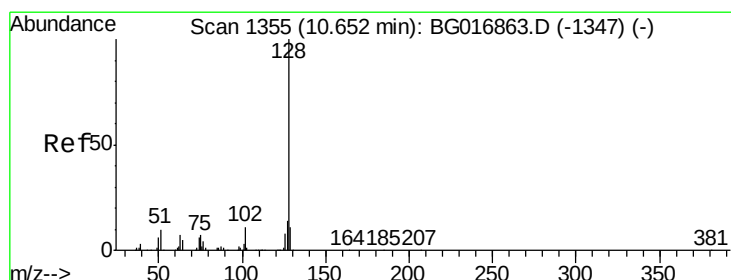
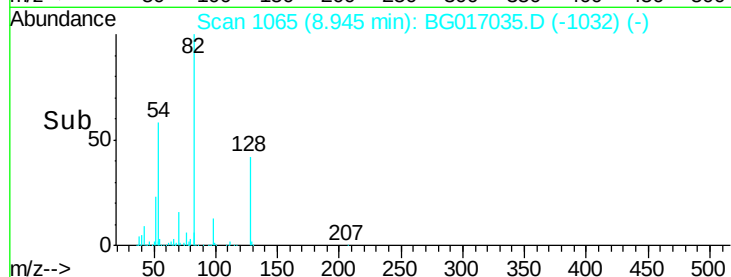
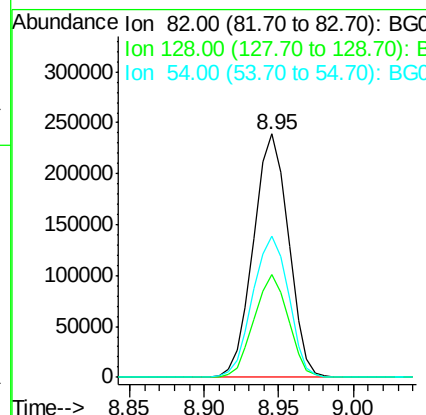
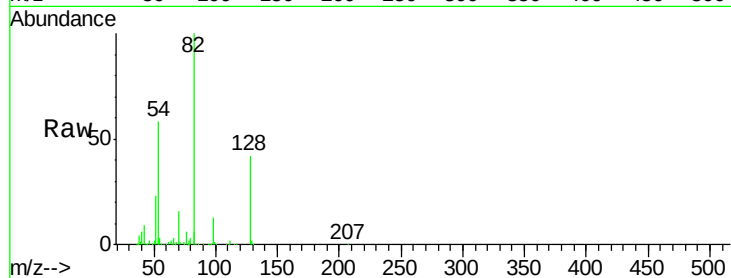




#23
 Nitrobenzene-d5
 Concen: 54.53 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG017035.D
 Acq: 10 May 2015 22:26

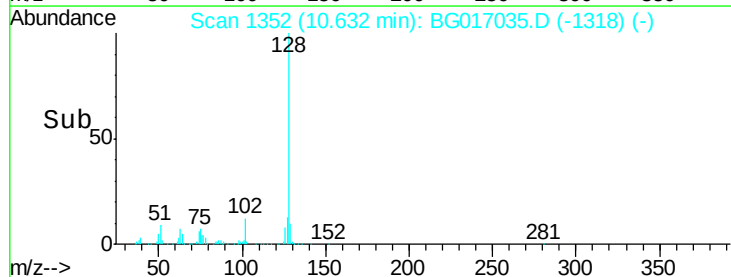
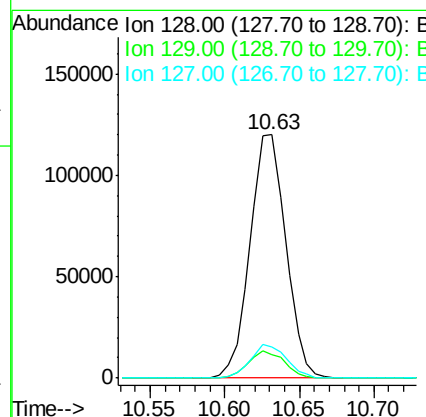
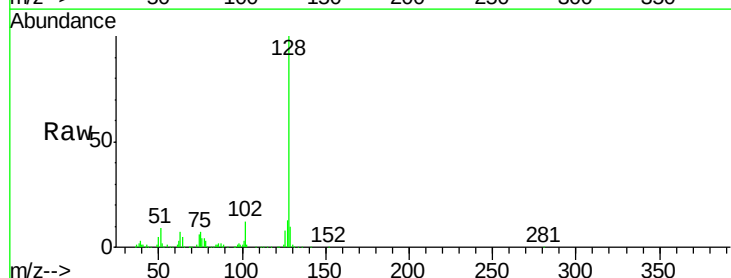
Instrument :
 BNA_G
 ClientSampleId :
 MW-A22B-WC

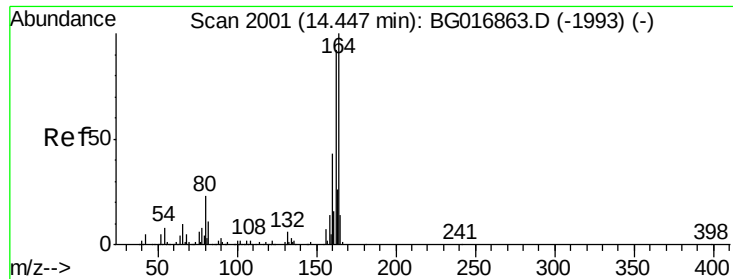
Tgt Ion: 82 Resp: 388318
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.2 49.8
 54 57.9 48.6 72.8



#31
 Naphthalene
 Concen: 11.52 ng
 RT: 10.63 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BG017035.D
 Acq: 10 May 2015 22:26

Tgt Ion: 128 Resp: 199379
 Ion Ratio Lower Upper
 128 100
 129 9.7 9.1 13.7
 127 13.0 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BG017035.D

Acq: 10 May 2015 22:26

Instrument :

BNA_G

ClientSampleId :

MW-A22B-WC

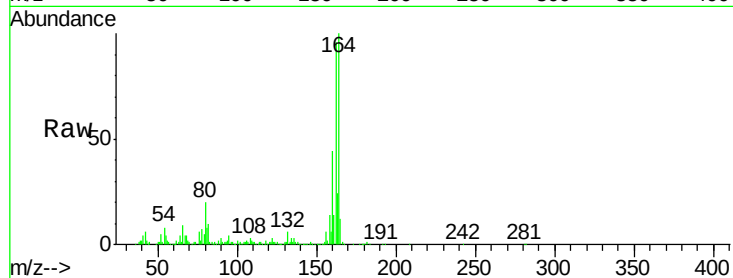
Tgt Ion:164 Resp: 249039

Ion Ratio Lower Upper

164 100

162 95.6 74.0 111.0

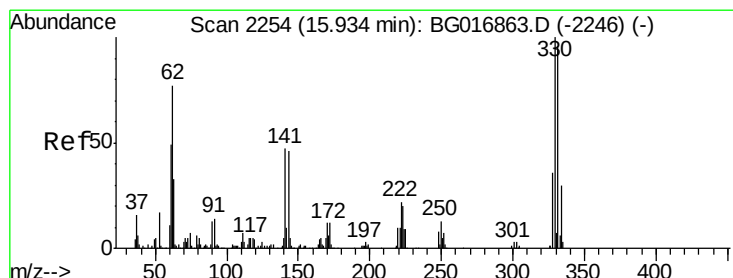
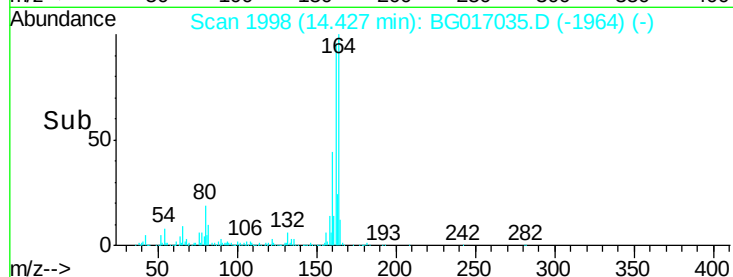
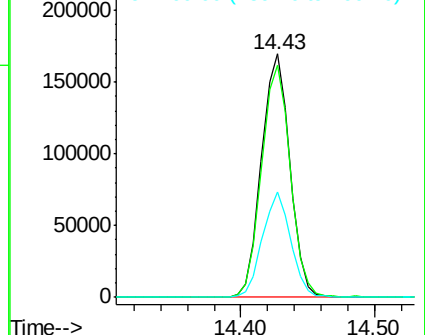
160 43.5 34.7 52.1



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: 98.39 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG017035.D

Acq: 10 May 2015 22:26

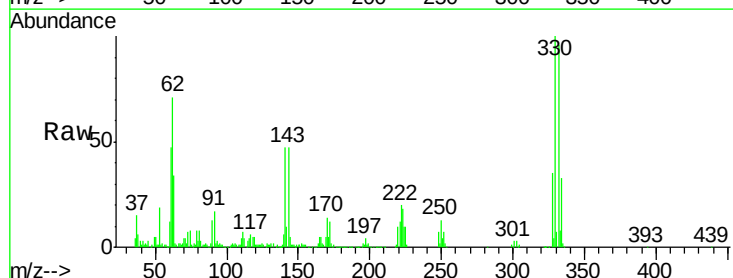
Tgt Ion:330 Resp: 245995

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

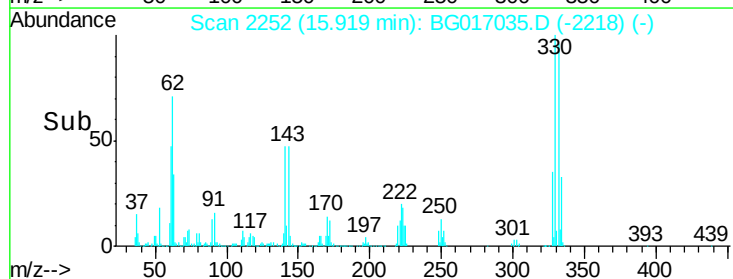
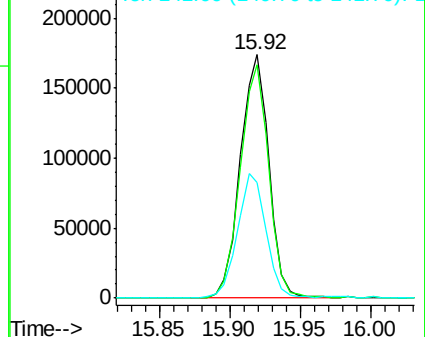
141 50.8 0.0 0.0#

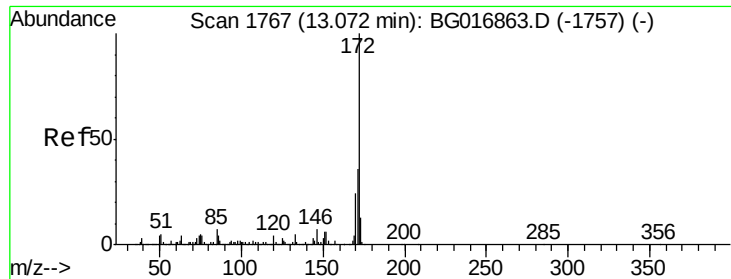


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

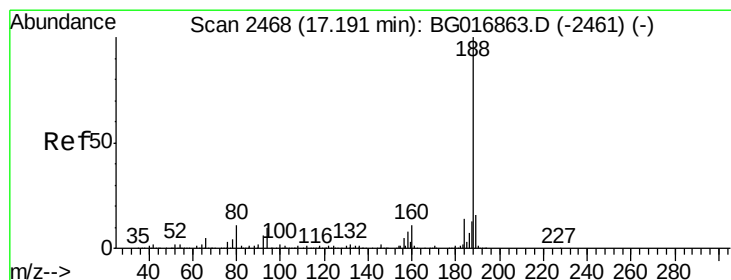
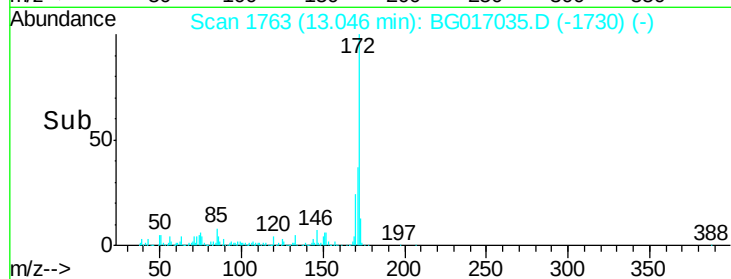
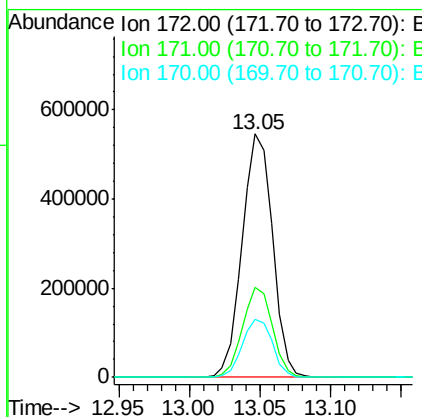
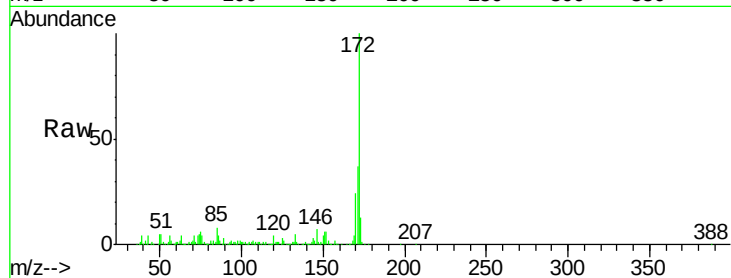




#44
 2-Fluorobiphenyl
 Concen: 50.12 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG017035.D
 Acq: 10 May 2015 22:26

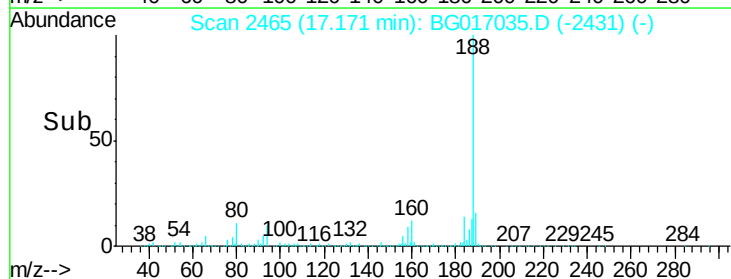
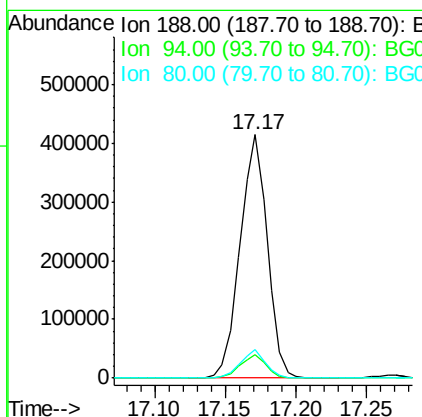
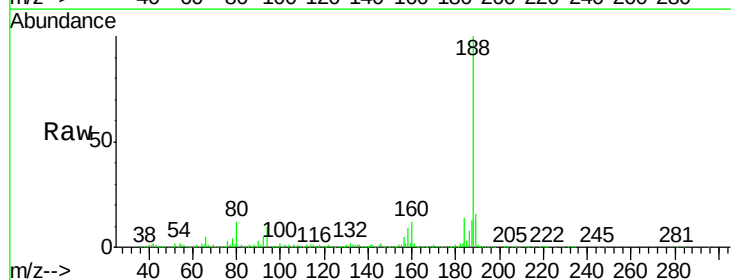
Instrument :
 BNA_G
 ClientSampleId :
 MW-A22B-WC

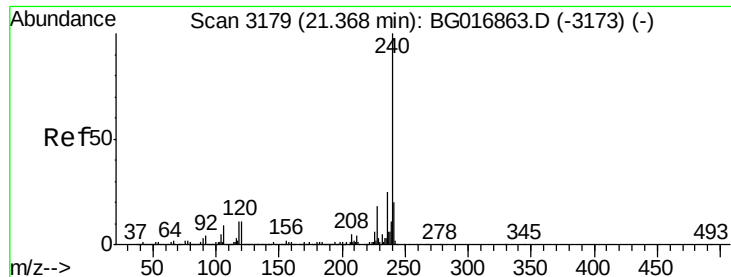
Tgt Ion:	172	Resp:	827175
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.4
170	24.0	19.0	28.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.17 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG017035.D
 Acq: 10 May 2015 22:26

Tgt Ion:	188	Resp:	556652
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.4
80	11.6	8.8	13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG017035.D

Acq: 10 May 2015 22:26

Instrument :

BNA_G

ClientSampleId :

MW-A22B-WC

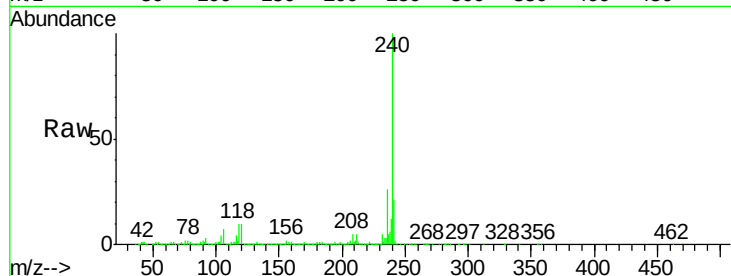
Tgt Ion:240 Resp: 554013

Ion Ratio Lower Upper

240 100

120 9.9 9.1 13.7

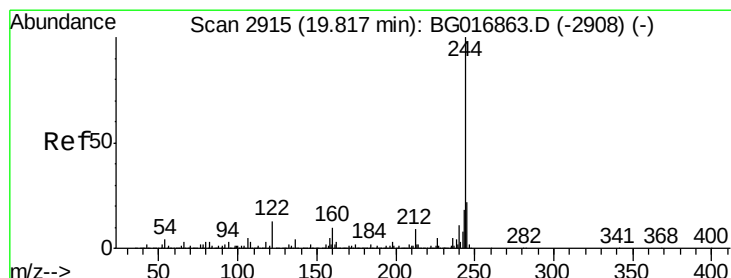
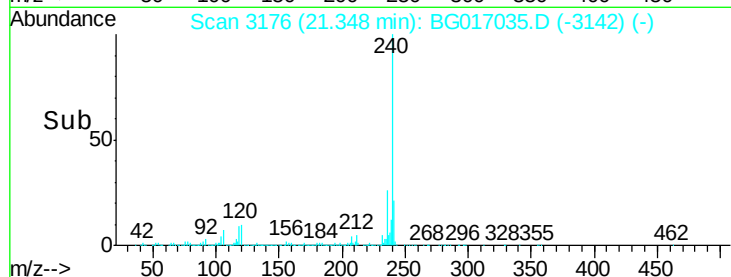
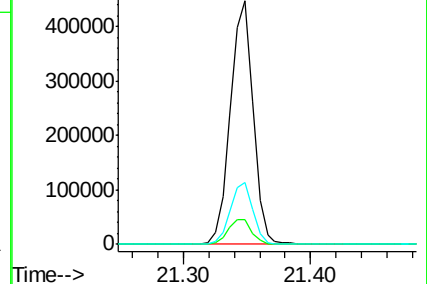
236 25.7 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 48.95 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG017035.D

Acq: 10 May 2015 22:26

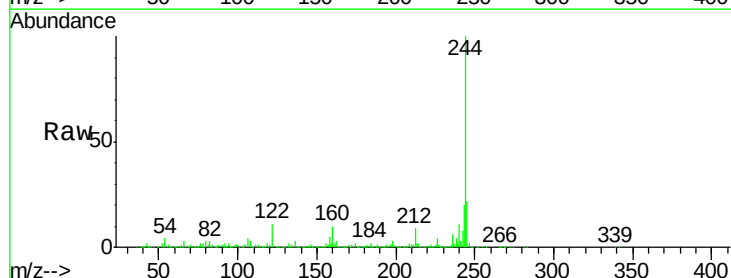
Tgt Ion:244 Resp: 1156723

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

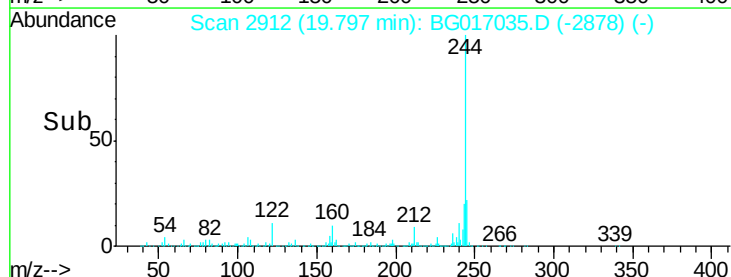
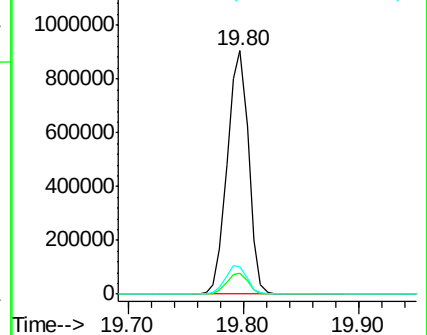
122 11.3 10.4 15.6

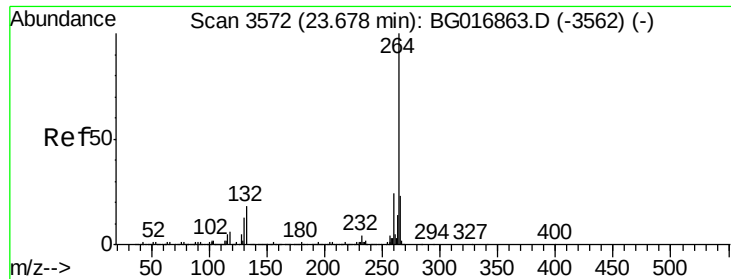


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.64 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG017035.D
Acq: 10 May 2015 22:26

Instrument :
BNA_G
ClientSampleId :
MW-A22B-WC

Tgt Ion:	264	Resp:	539295
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	18.5	27.7

