

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051015\
 Data File : BG017032.D
 Acq On : 10 May 2015 20:42
 Operator : TP/IZ
 Sample : G2130-01
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-F38-WC

Quant Time: May 19 07:52:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	71547	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	337491	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	242298	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	565659	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	558572	20.00	ng	-0.02
86) Perylene-d12	23.64	264	557366	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	416333	101.32	ng	0.00
7) Phenol-d6	6.98	99	551685	93.98	ng	0.00
23) Nitrobenzene-d5	8.94	82	425125	61.54	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	282588	116.17	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	910672	56.72	ng	-0.03
78) Terphenyl-d14	19.80	244	1534717	64.41	ng	-0.02

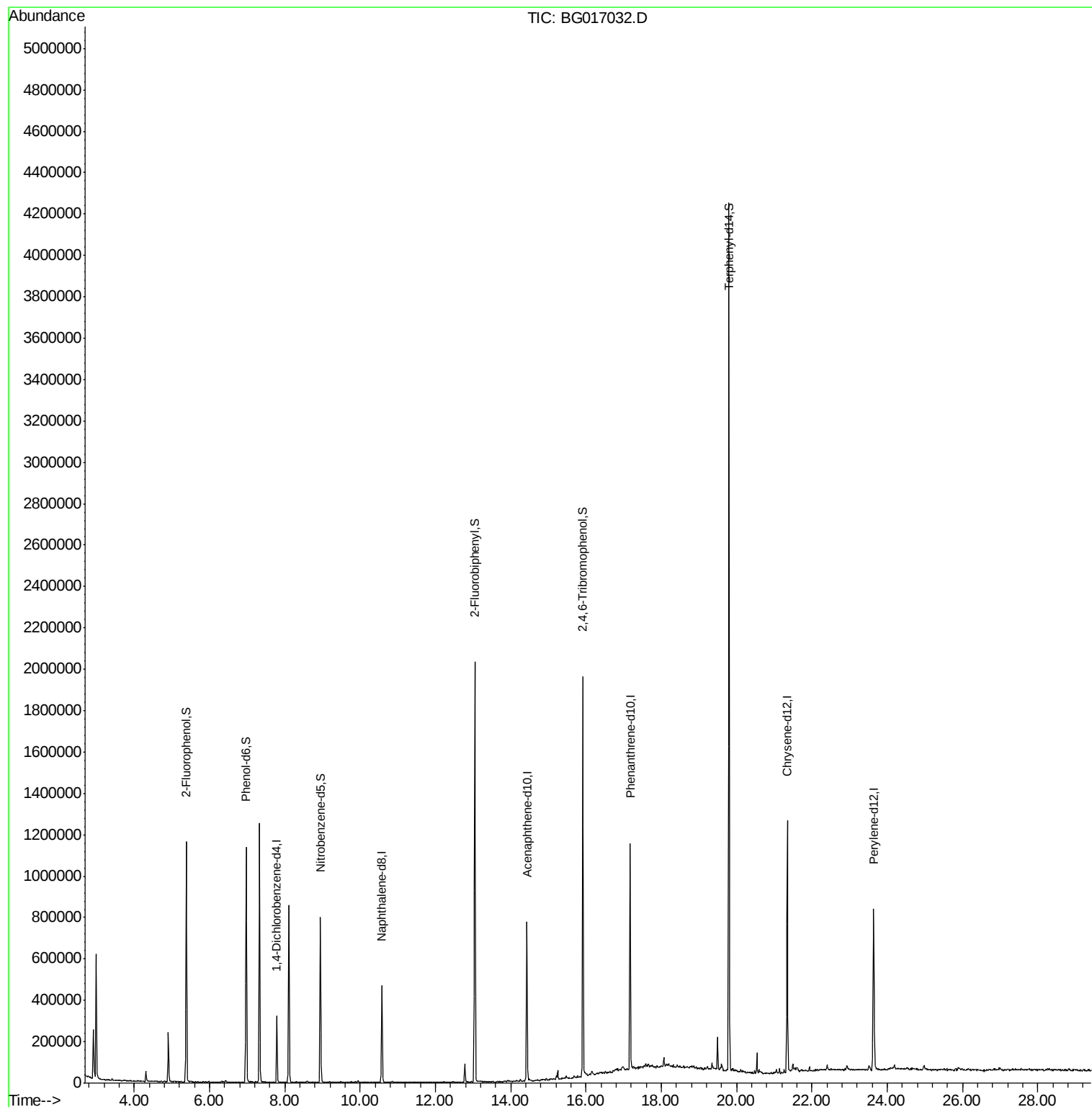
Target Compounds	Qvalue
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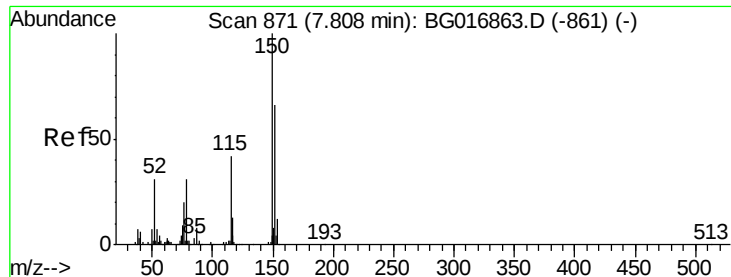
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017032.D

Acq: 10 May 2015 20:42

Instrument :

BNA_G

ClientSampleId :

MW-F38-WC

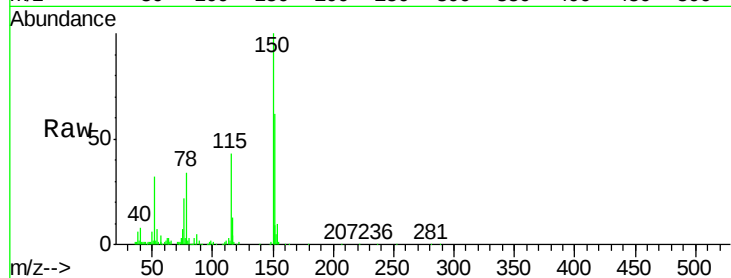
Tgt Ion:152 Resp: 71547

Ion Ratio Lower Upper

152 100

150 162.4 121.0 181.4

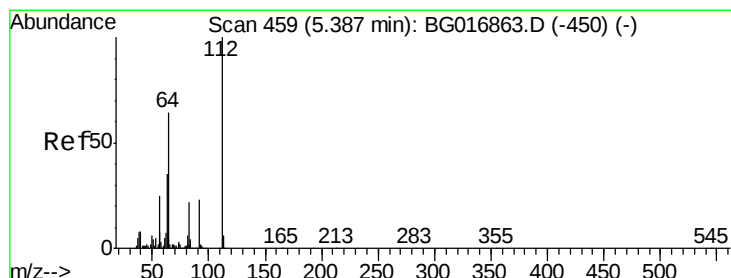
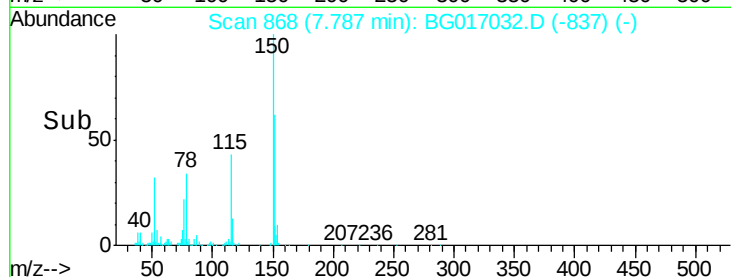
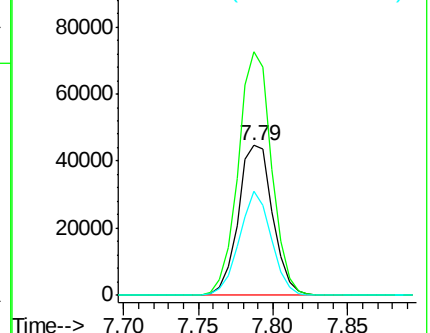
115 69.1 50.5 75.7



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: 101.32 ng

RT: 5.38 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG017032.D

Acq: 10 May 2015 20:42

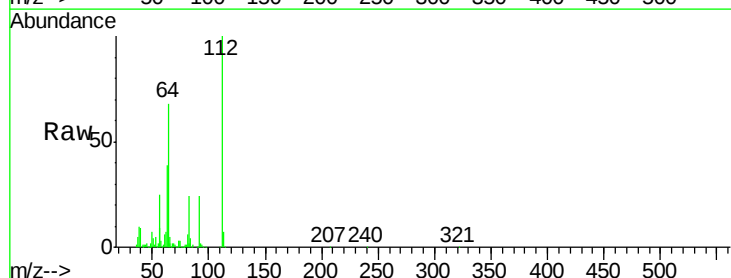
Tgt Ion:112 Resp: 416333

Ion Ratio Lower Upper

112 100

64 68.1 51.4 77.2

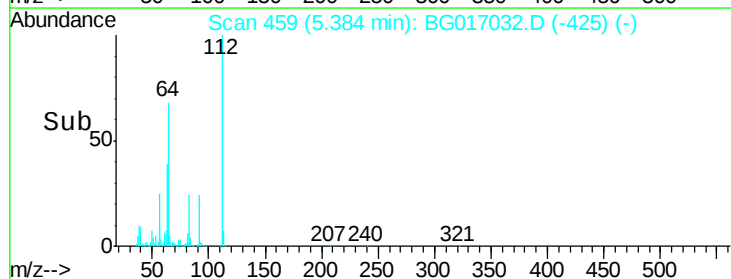
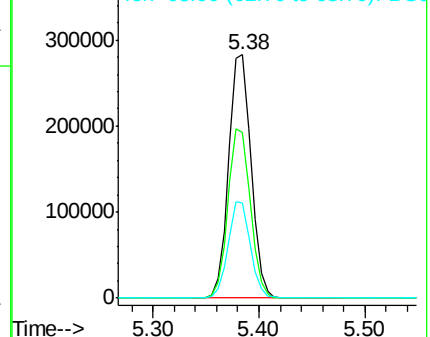
63 39.1 28.1 42.1

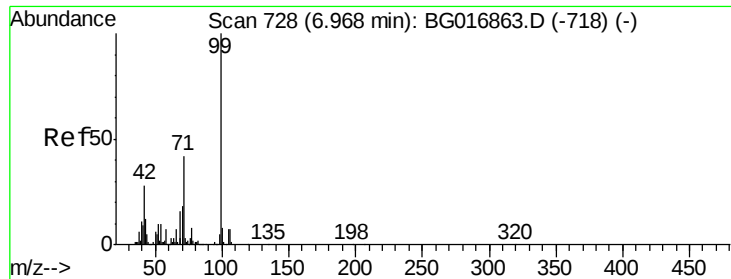


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.98 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG017032.D

Acq: 10 May 2015 20:42

Instrument :

BNA_G

ClientSampleId :

MW-F38-WC

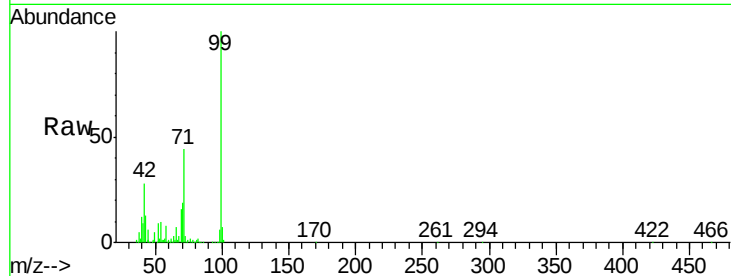
Tgt Ion: 99 Resp: 551685

Ion Ratio Lower Upper

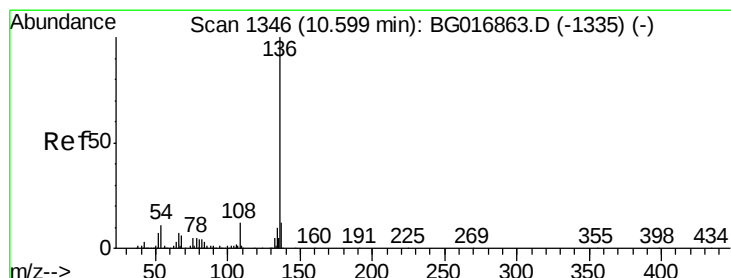
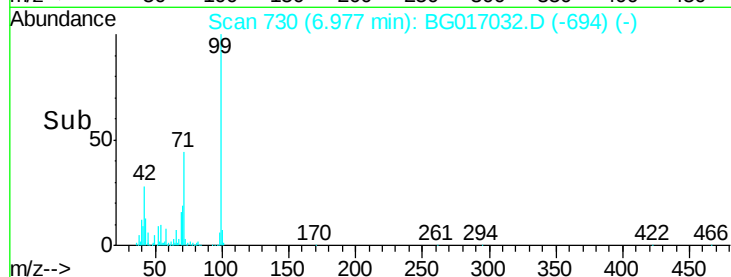
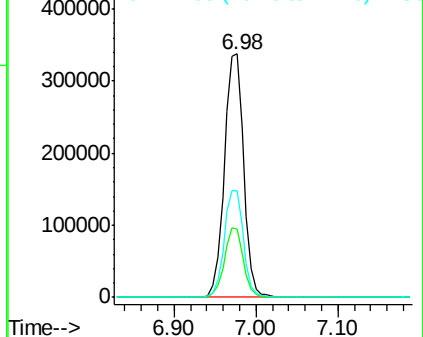
99 100

42 28.0 22.1 33.1

71 44.0 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. -0.02 min

Lab File: BG017032.D

Acq: 10 May 2015 20:42

Tgt Ion: 136 Resp: 337491

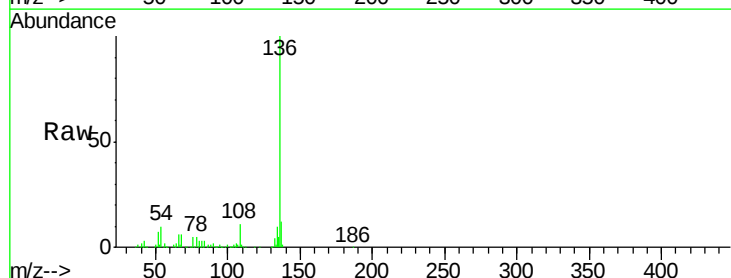
Ion Ratio Lower Upper

136 100

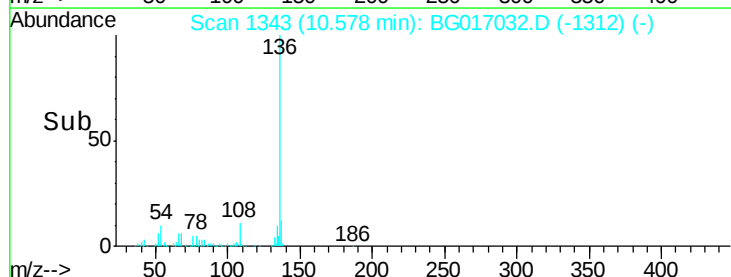
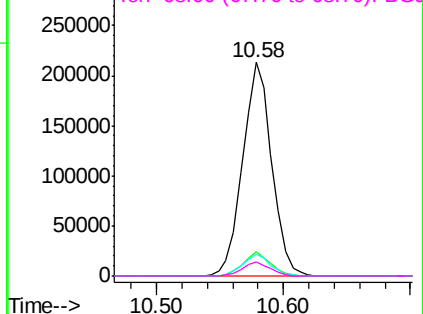
137 11.6 9.8 14.8

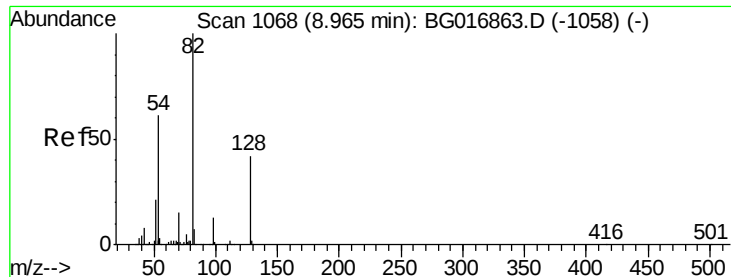
54 10.3 8.7 13.1

68 6.4 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

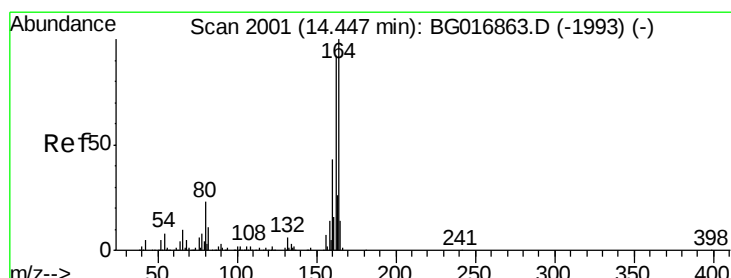
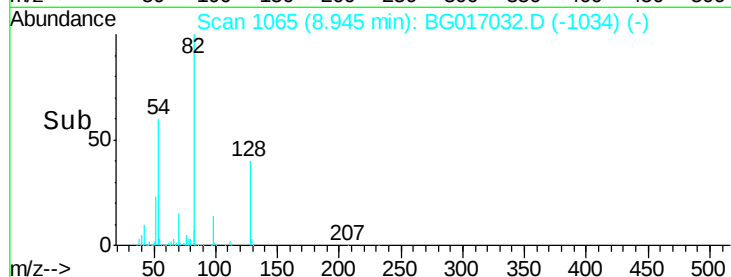
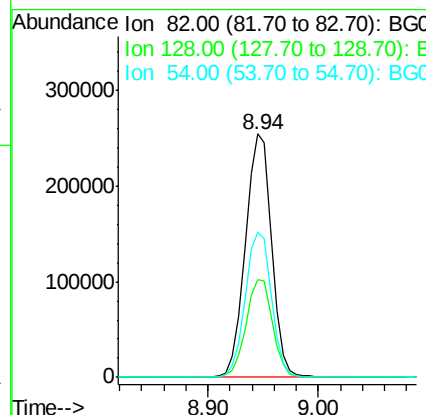
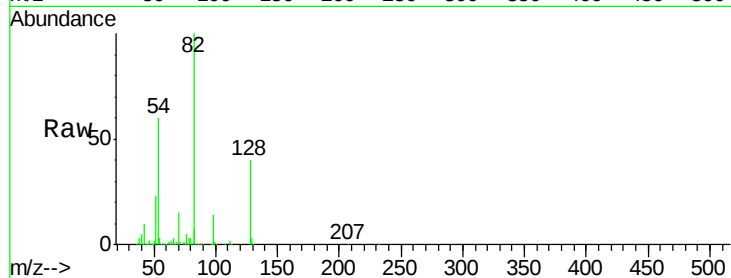




#23
 Nitrobenzene-d5
 Concen: 61.54 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017032.D
 Acq: 10 May 2015 20:42

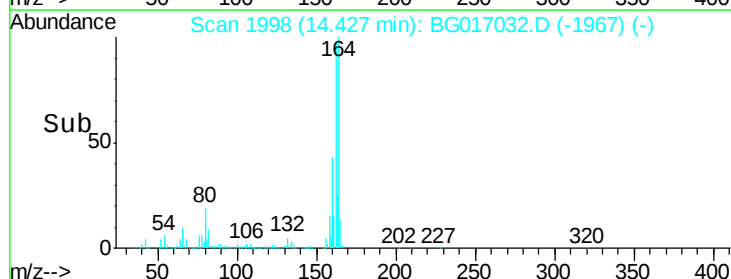
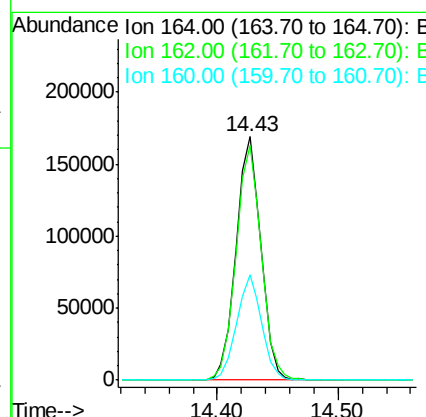
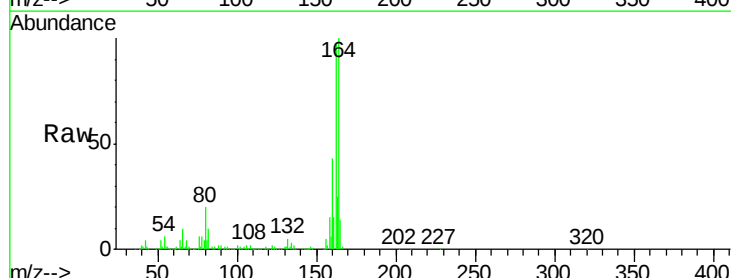
Instrument :
 BNA_G
 ClientSampleId :
 MW-F38-WC

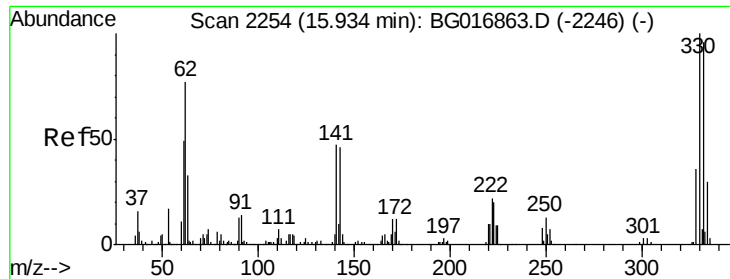
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.2	49.8
54	59.7	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017032.D
 Acq: 10 May 2015 20:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	74.0	111.0
160	43.2	34.7	52.1

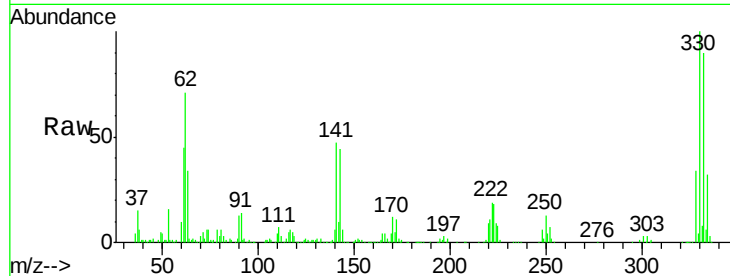




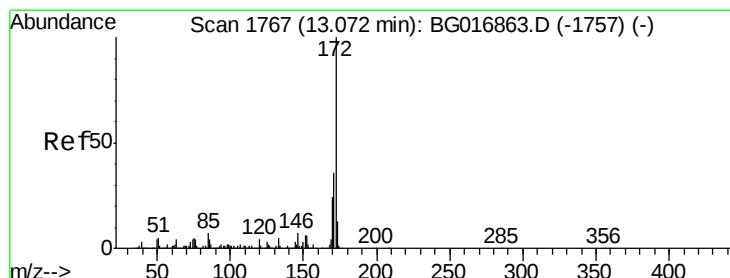
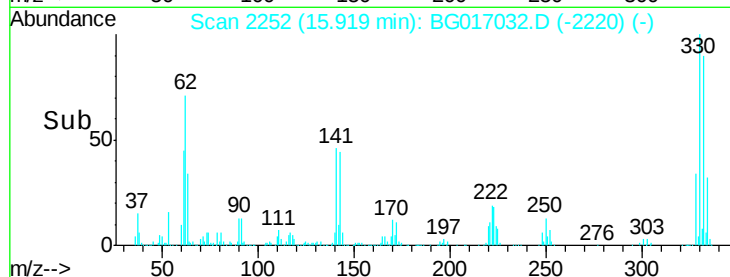
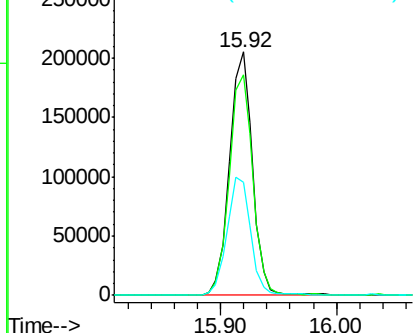
#41
 2,4,6-Tribromophenol
 Concen: 116.17 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017032.D
 Acq: 10 May 2015 20:42

Instrument :
 BNA_G
 ClientSampled :
 MW-F38-WC

Tgt Ion: 330 Resp: 282588
 Ion Ratio Lower Upper
 330 100
 332 93.6 0.0 0.0#
 141 49.3 0.0 0.0#

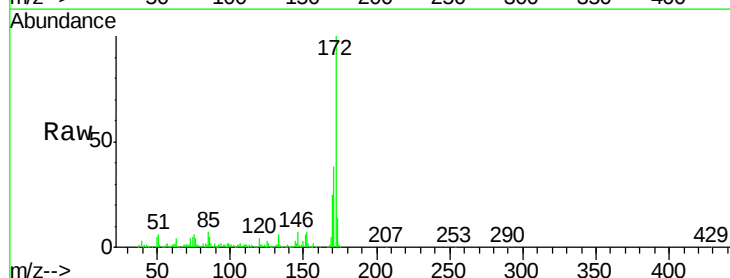


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

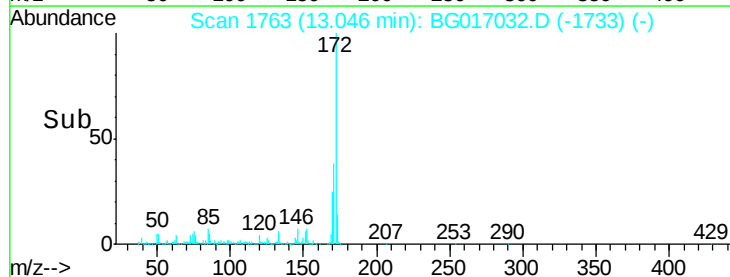
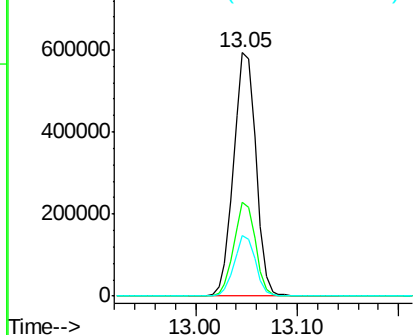


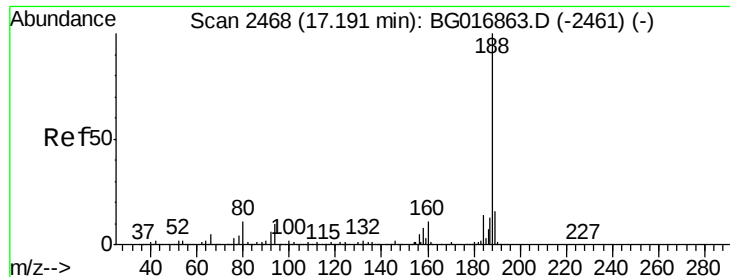
#44
 2-Fluorobiphenyl
 Concen: 56.72 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.03 min
 Lab File: BG017032.D
 Acq: 10 May 2015 20:42

Tgt Ion: 172 Resp: 910672
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.0 43.4
 170 24.9 19.0 28.4



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

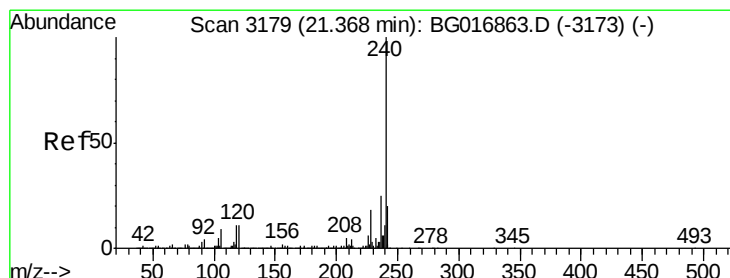
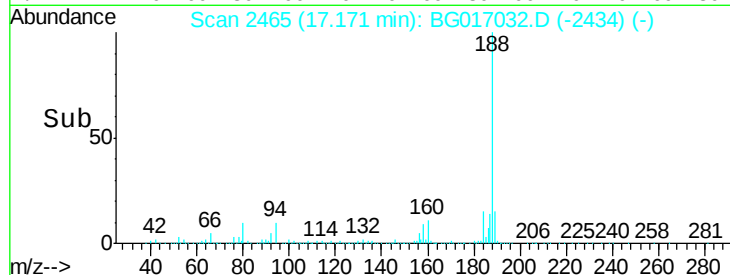
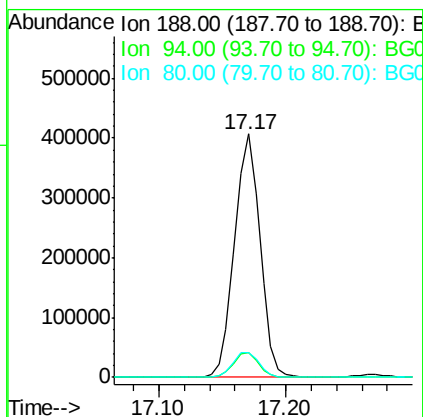
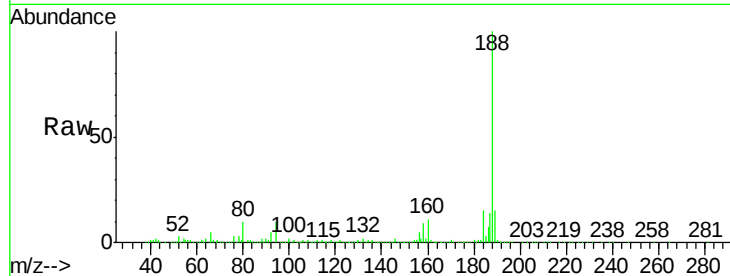




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017032.D
Acq: 10 May 2015 20:42

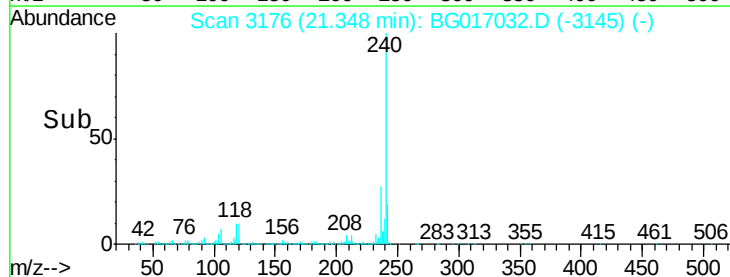
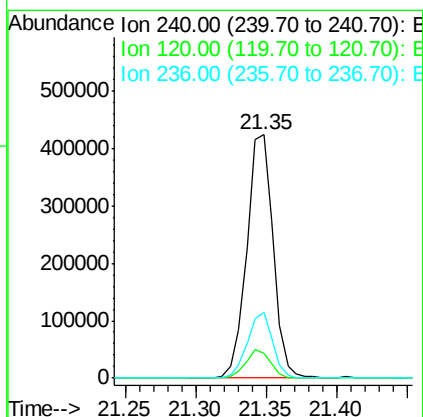
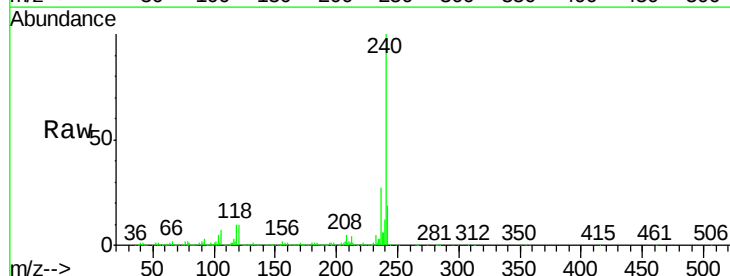
Instrument :
BNA_G
ClientSampleId :
MW-F38-WC

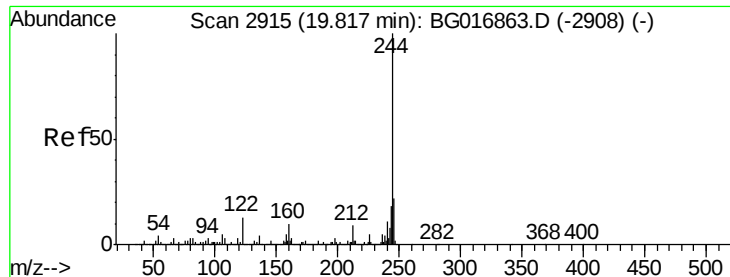
Tgt Ion:188 Resp: 565659
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 10.0 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BG017032.D
Acq: 10 May 2015 20:42

Tgt Ion:240 Resp: 558572
Ion Ratio Lower Upper
240 100
120 10.0 9.1 13.7
236 27.2 20.2 30.4





#78

Terphenyl-d14

Concen: 64.41 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017032.D

Acq: 10 May 2015 20:42

Instrument :

BNA_G

ClientSampleId :

MW-F38-WC

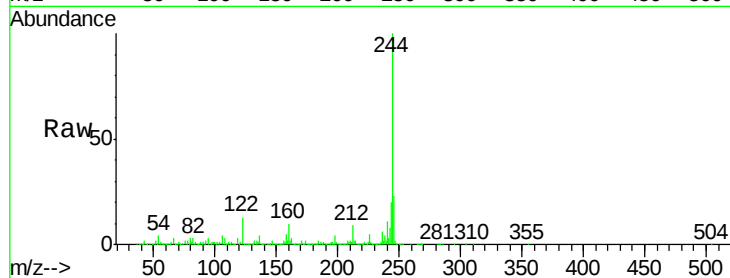
Tgt Ion:244 Resp: 1534717

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	12.6	10.4	15.6

244 100

212 9.3 7.0 10.6

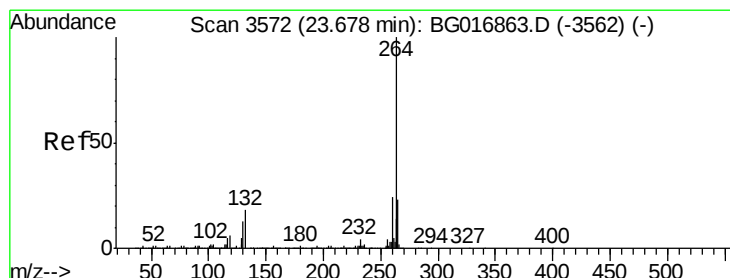
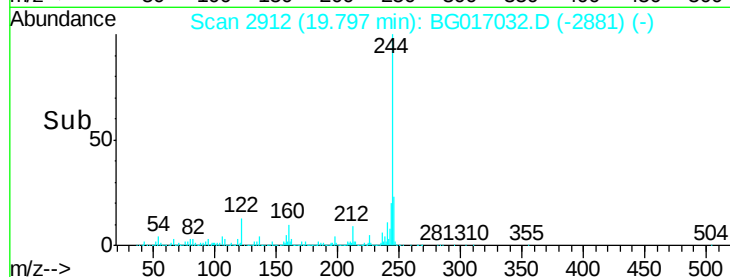
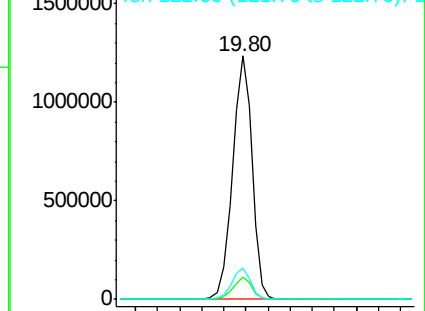
122 12.6 10.4 15.6



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. -0.04 min

Lab File: BG017032.D

Acq: 10 May 2015 20:42

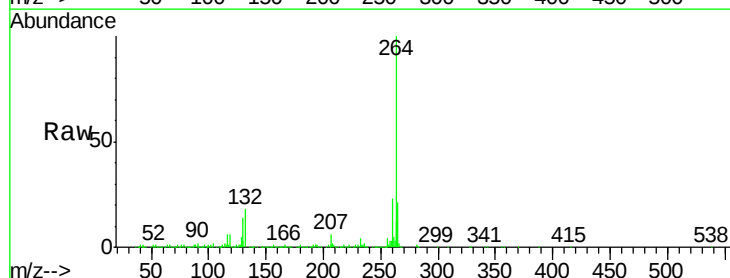
Tgt Ion:264 Resp: 557366

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.4	18.5	27.7

264 100

260 23.2 19.5 29.3

265 21.4 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

