

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017036.D
 Acq On : 10 May 2015 23:01
 Operator : TP/IZ
 Sample : G2109-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-23

Quant Time: May 11 05:50:42 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	54805	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	259768	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	176558	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	399589	20.00	ng	0.00
75) Chrysene-d12	21.34	240	390909	20.00	ng	0.00
86) Perylene-d12	23.64	264	381735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	179045	56.88	ng	0.00
7) Phenol-d6	6.97	99	166717	37.08	ng	0.00
23) Nitrobenzene-d5	8.95	82	423332	79.61	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	276726	156.12	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	920577	78.68	ng	0.00
78) Terphenyl-d14	19.80	244	1295743	77.71	ng	0.00

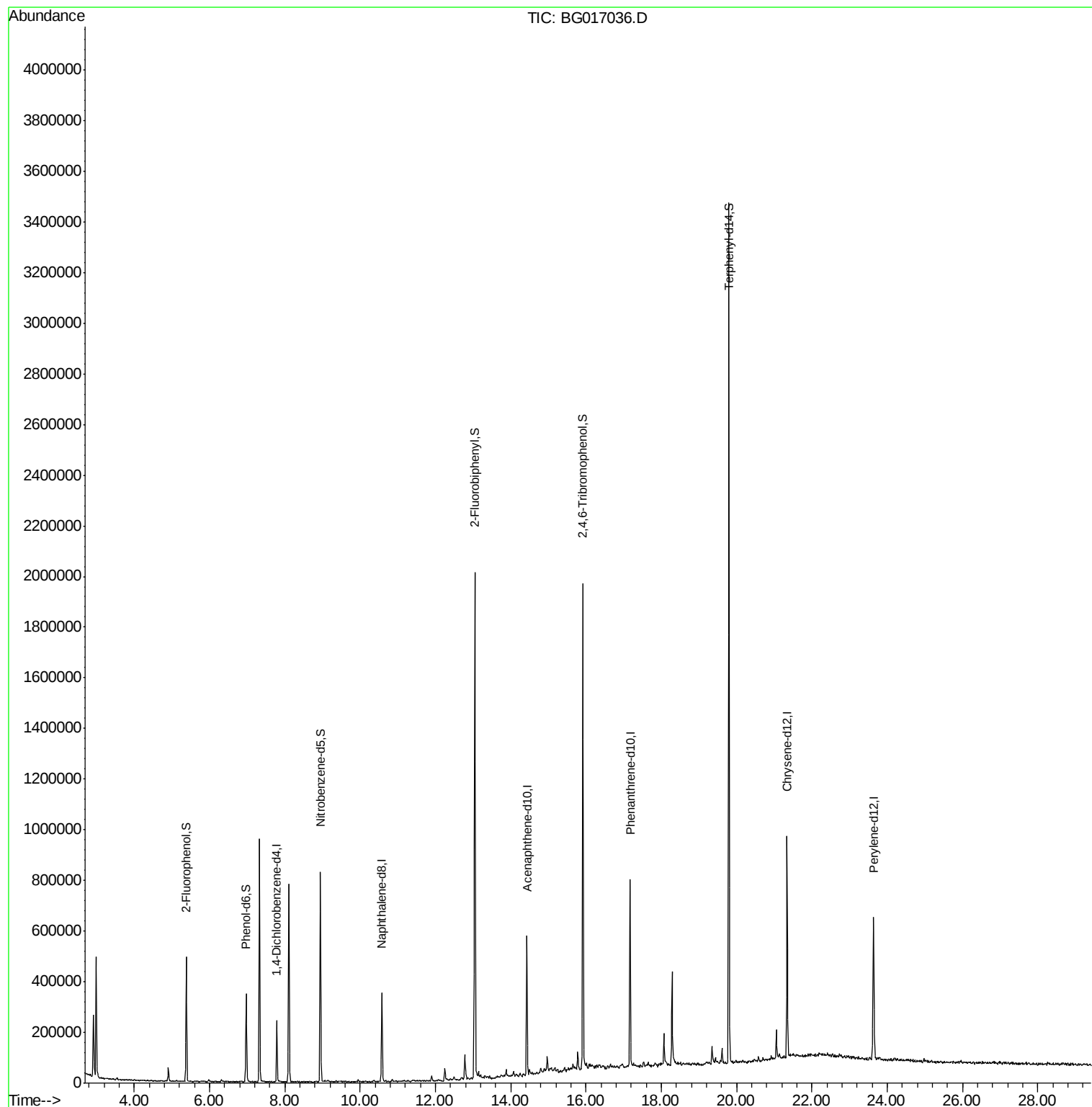
Target Compounds	Qvalue
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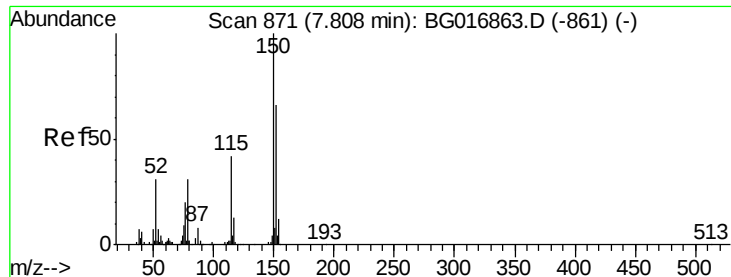
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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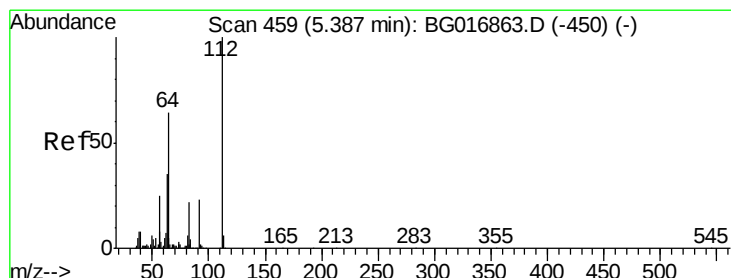
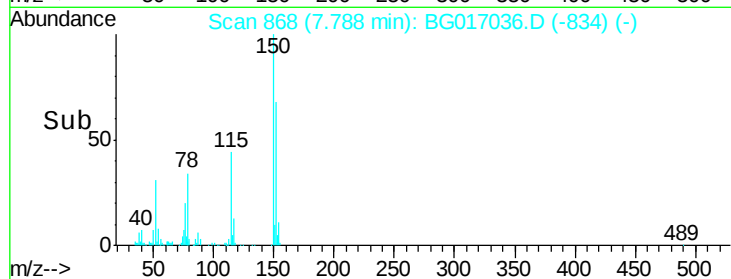
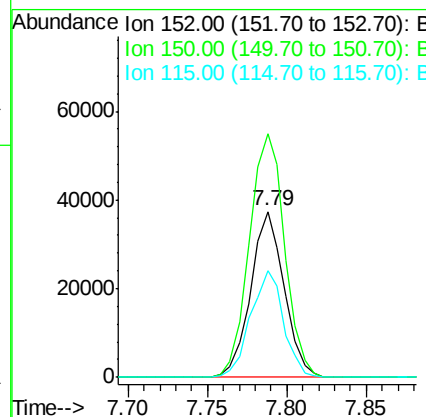
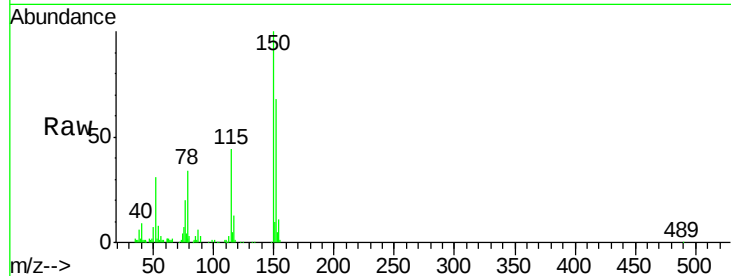


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.79 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG017036.D
 Acq: 10 May 2015 23:01

Instrument :
 BNA_G
 ClientSampleId :
 W-23

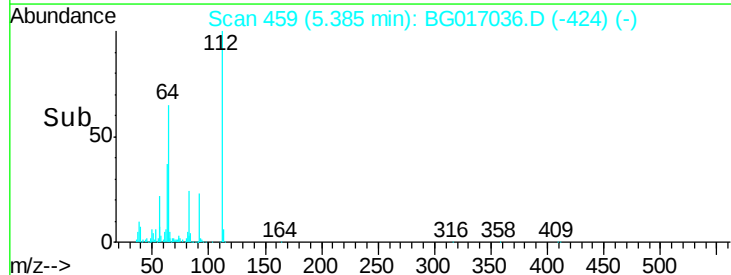
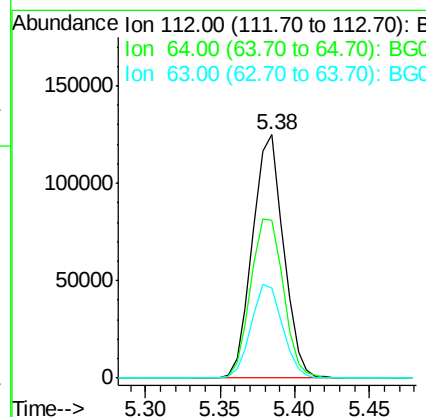
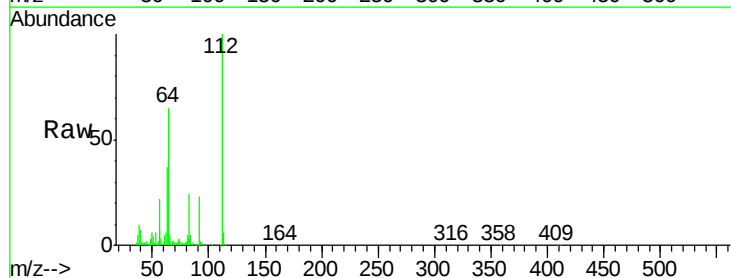
Tgt Ion:152 Resp: 54805
 Ion Ratio Lower Upper
 152 100
 150 146.9 121.0 181.4
 115 64.5 50.5 75.7

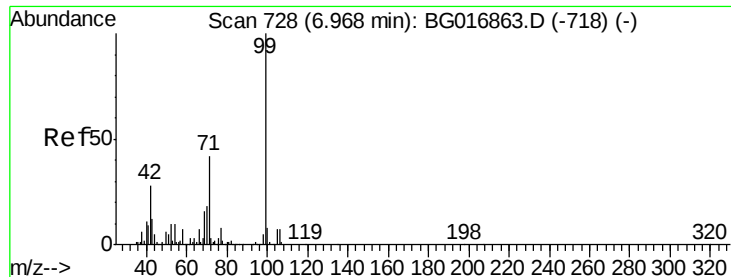


#5

2-Fluorophenol
 Concen: 56.88 ng
 RT: 5.38 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BG017036.D
 Acq: 10 May 2015 23:01

Tgt Ion:112 Resp: 179045
 Ion Ratio Lower Upper
 112 100
 64 64.8 51.4 77.2
 63 36.9 28.1 42.1





#7

Phenol-d6

Concen: 37.08 ng

RT: 6.97 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG017036.D

Acq: 10 May 2015 23:01

Instrument :

BNA_G

ClientSampleId :

W-23

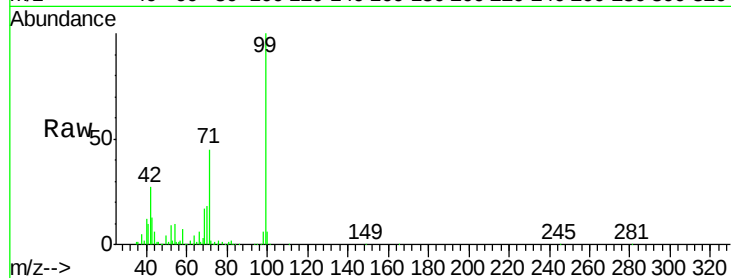
Tgt Ion: 99 Resp: 166717

Ion Ratio Lower Upper

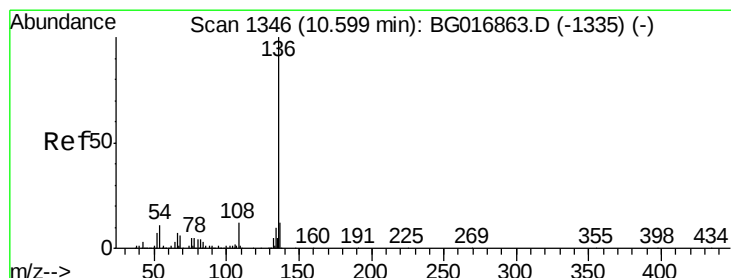
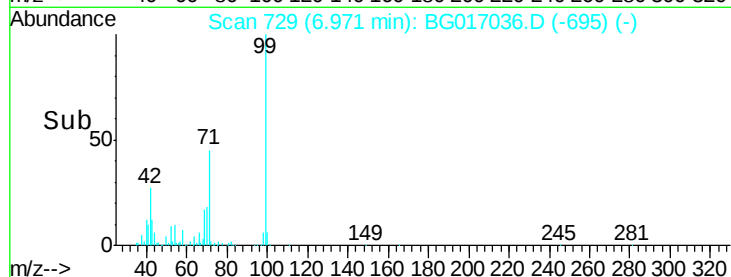
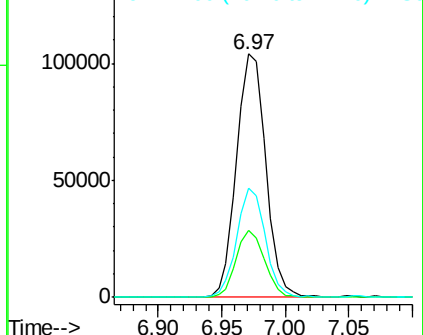
99 100

42 27.4 22.1 33.1

71 45.0 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. -0.00 min

Lab File: BG017036.D

Acq: 10 May 2015 23:01

Tgt Ion: 136 Resp: 259768

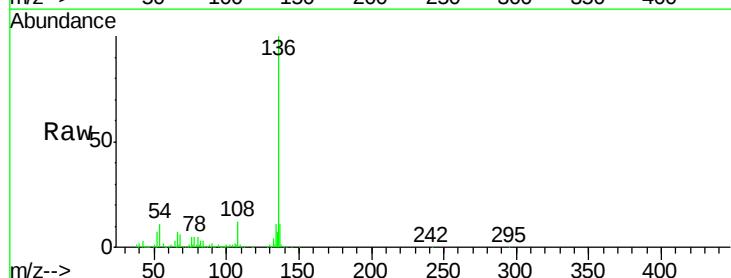
Ion Ratio Lower Upper

136 100

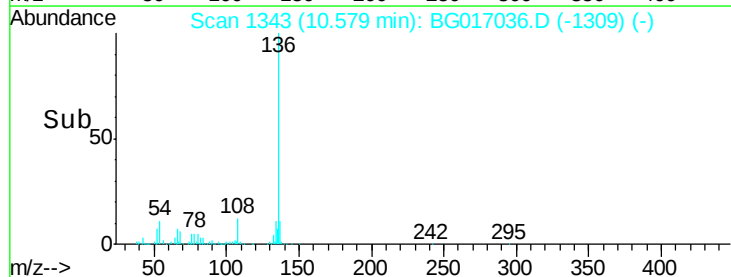
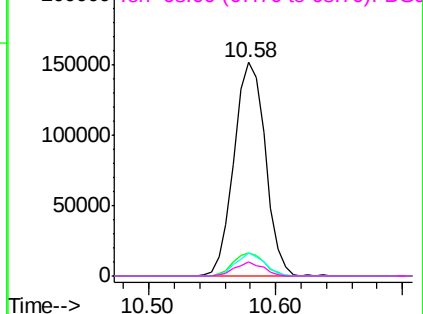
137 10.8 9.8 14.8

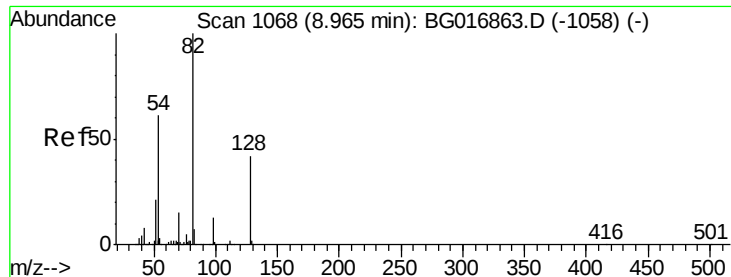
54 10.7 8.7 13.1

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

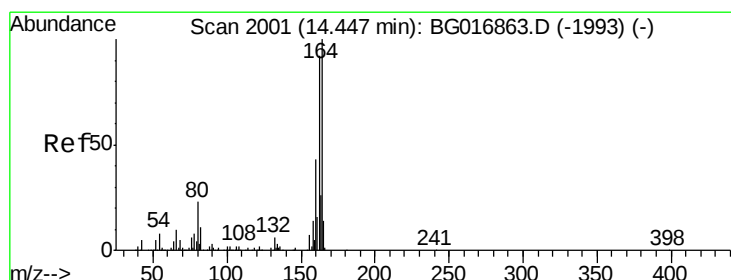
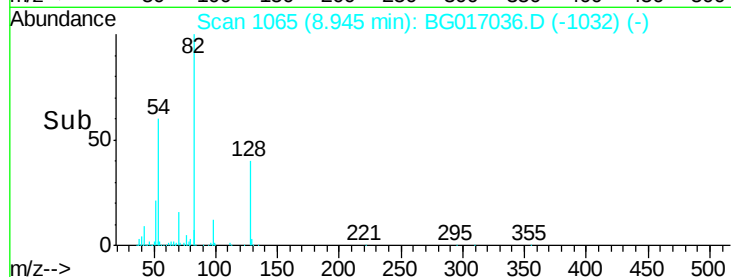
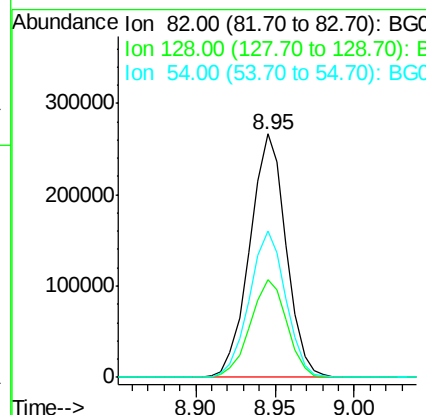
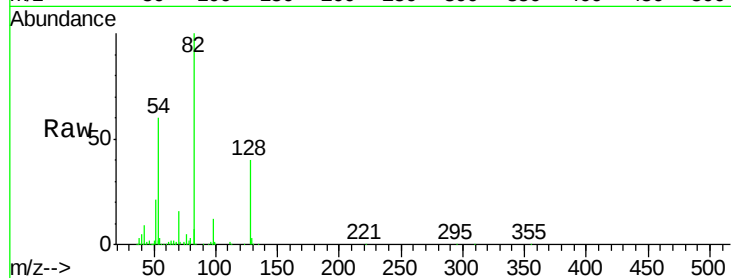




#23
 Nitrobenzene-d5
 Concen: 79.61 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG017036.D
 Acq: 10 May 2015 23:01

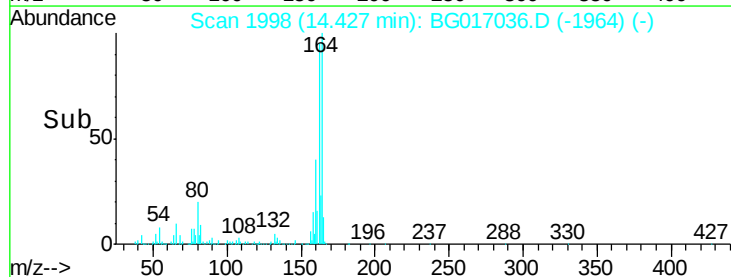
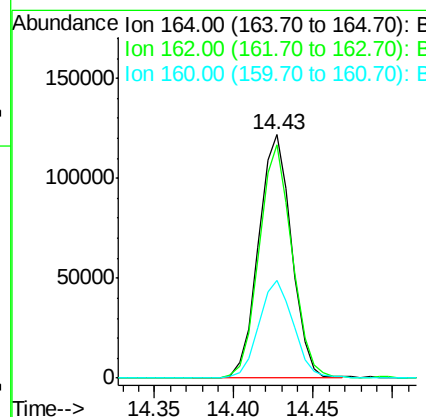
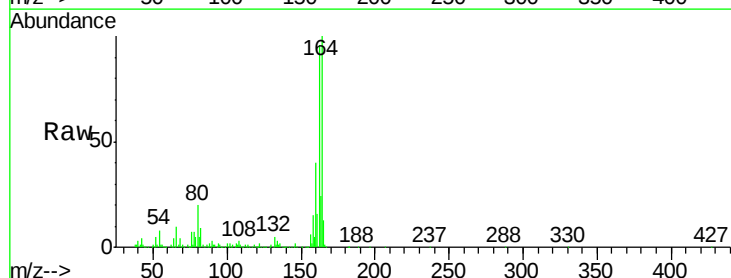
Instrument :
 BNA_G
 ClientSampleId :
 W-23

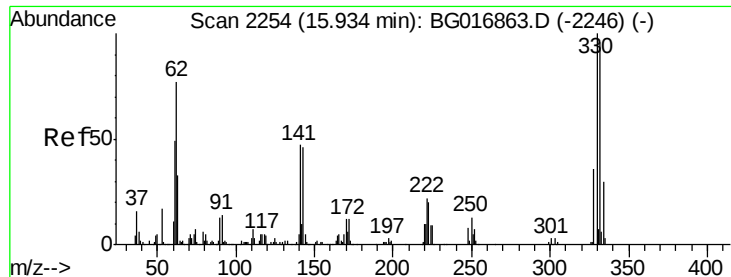
Tgt Ion: 82 Resp: 423332
 Ion Ratio Lower Upper
 82 100
 128 40.3 33.2 49.8
 54 60.0 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG017036.D
 Acq: 10 May 2015 23:01

Tgt Ion: 164 Resp: 176558
 Ion Ratio Lower Upper
 164 100
 162 95.6 74.0 111.0
 160 40.2 34.7 52.1

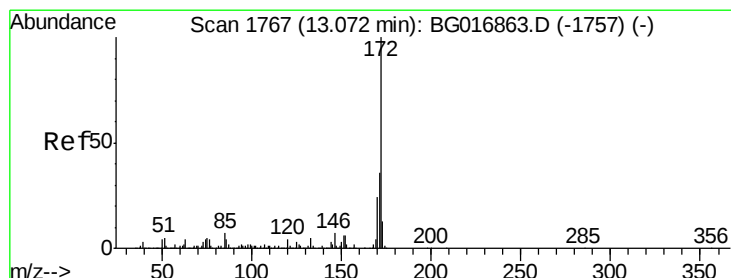
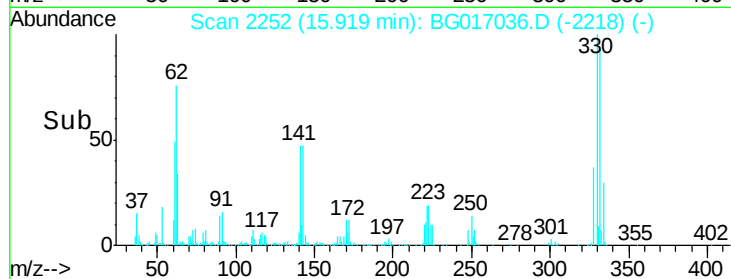
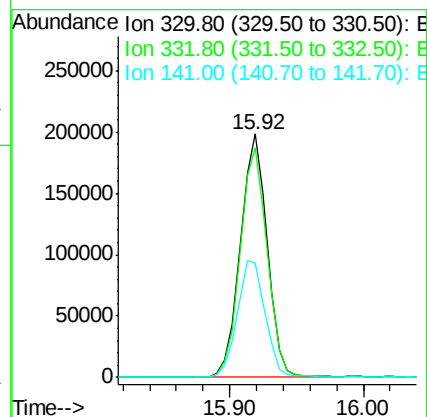
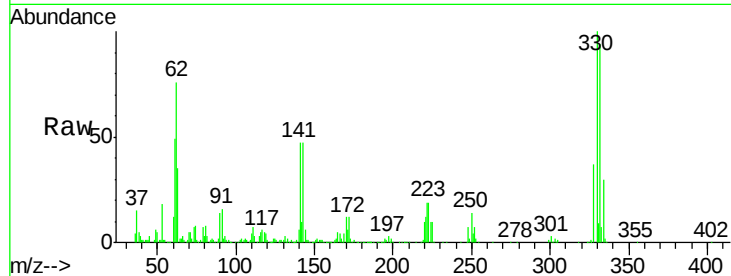




#41
 2,4,6-Tribromophenol
 Concen: 156.12 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG017036.D
 Acq: 10 May 2015 23:01

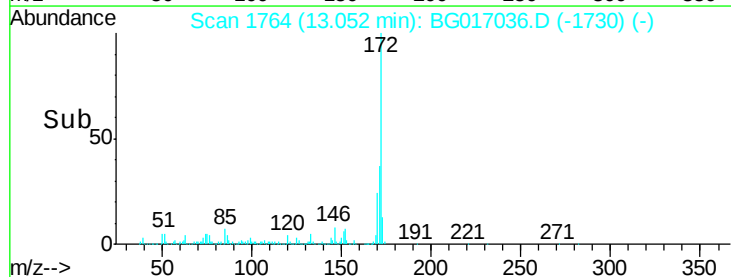
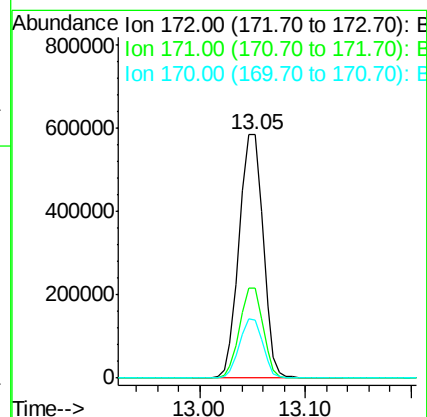
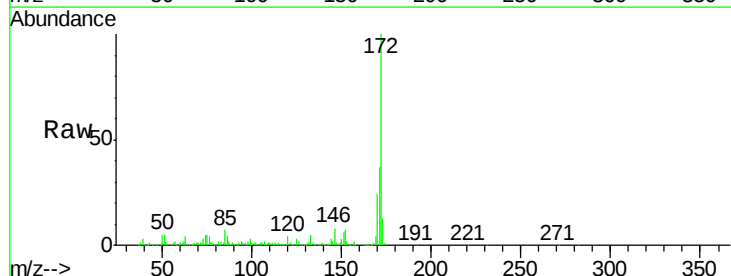
Instrument :
 BNA_G
 ClientSampleId :
 W-23

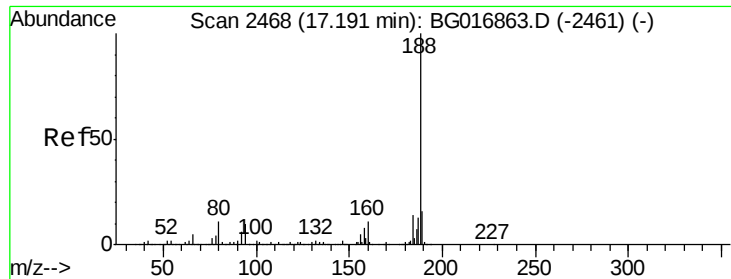
Tgt Ion:330 Resp: 276726
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 50.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 78.68 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG017036.D
 Acq: 10 May 2015 23:01

Tgt Ion:172 Resp: 920577
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.4
 170 23.9 19.0 28.4

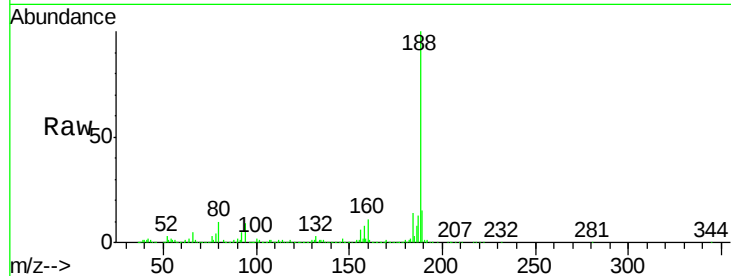




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG017036.D
Acq: 10 May 2015 23:01

Instrument :
BNA_G
ClientSampleId :
W-23

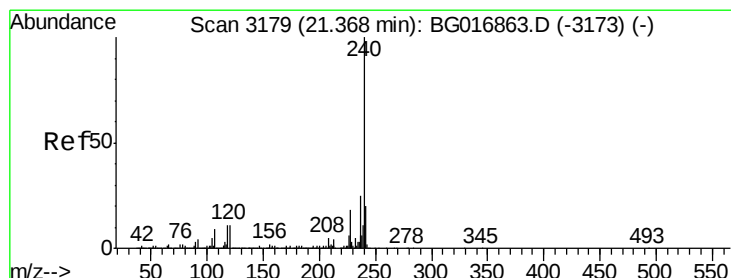
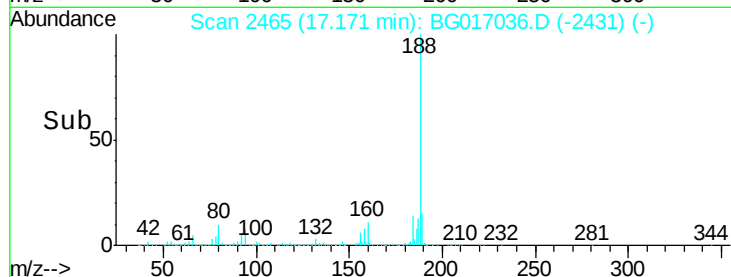
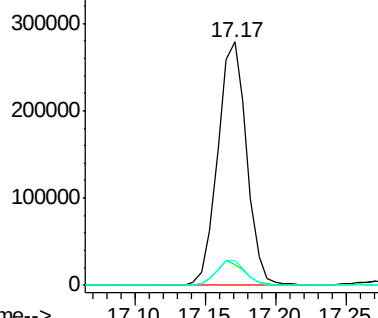
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	10.0	8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): E

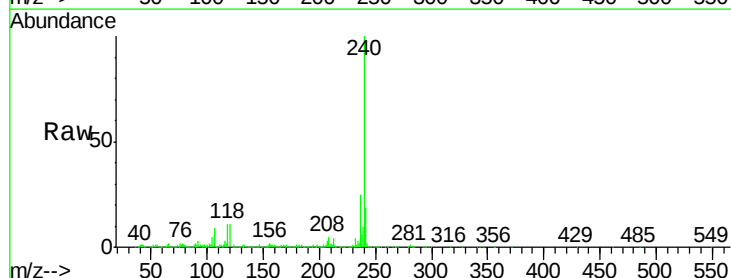
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG017036.D
Acq: 10 May 2015 23:01

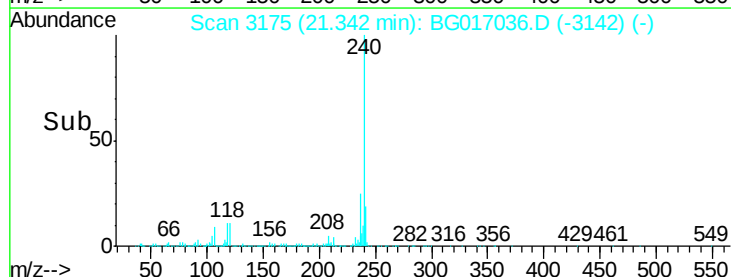
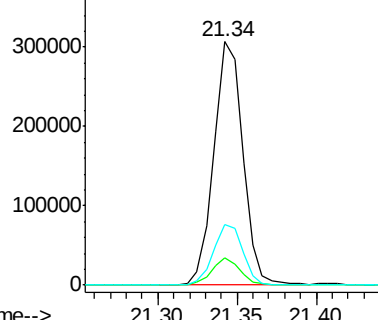
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	24.7	20.2	30.4

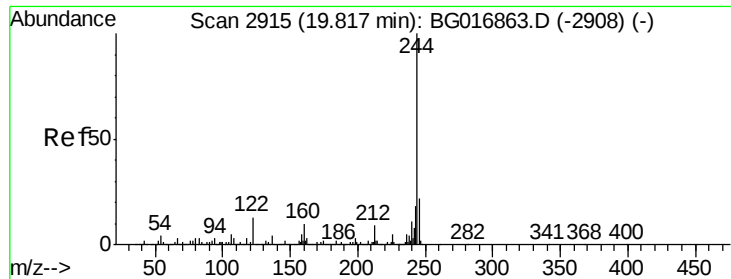


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

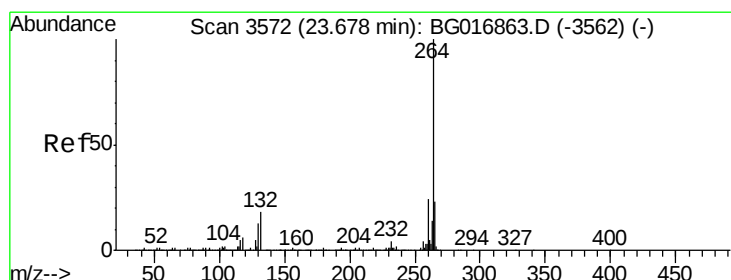
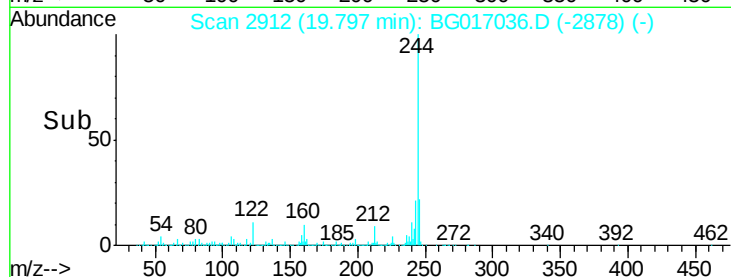
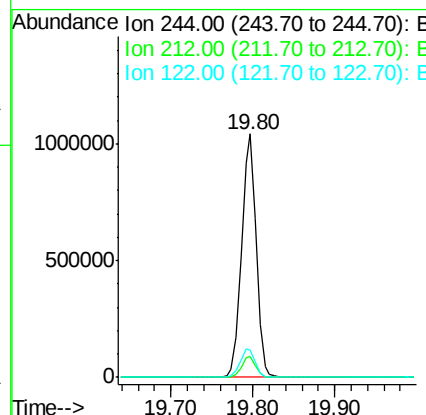
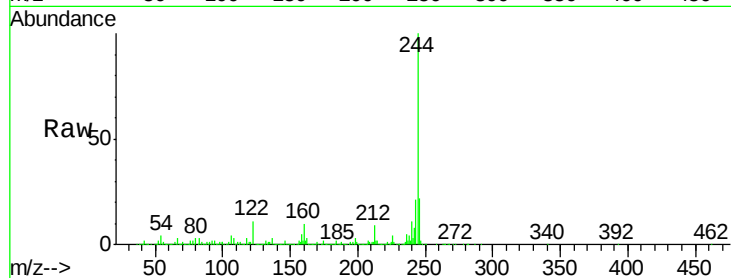




#78
 Terphenyl-d14
 Concen: 77.71 ng
 RT: 19.80 min Scan# 2912
 Delta R.T. -0.00 min
 Lab File: BG017036.D
 Acq: 10 May 2015 23:01

Instrument :
 BNA_G
 ClientSampled :
 W-23

Tgt Ion:244 Resp: 1295743
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 11.3 10.4 15.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3566
 Delta R.T. -0.01 min
 Lab File: BG017036.D
 Acq: 10 May 2015 23:01

Tgt Ion:264 Resp: 381735
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.7 18.5 27.7

