

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051015\
 Data File : BG017039.D
 Acq On : 11 May 2015 00:46
 Operator : TP/IZ
 Sample : G2109-05
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-29

Quant Time: May 19 08:15:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 07:51:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	99670	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	481459	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	324235	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	667290	20.00	ng	0.00
75) Chrysene-d12	21.35	240	634451	20.00	ng	0.00
86) Perylene-d12	23.65	264	636661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	293381	51.25	ng	0.00
7) Phenol-d6	6.98	99	275167	33.65	ng	0.00
23) Nitrobenzene-d5	8.95	82	633028	64.23	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	365343	112.24	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1260999	58.69	ng	0.00
78) Terphenyl-d14	19.80	244	1556674	57.52	ng	0.00

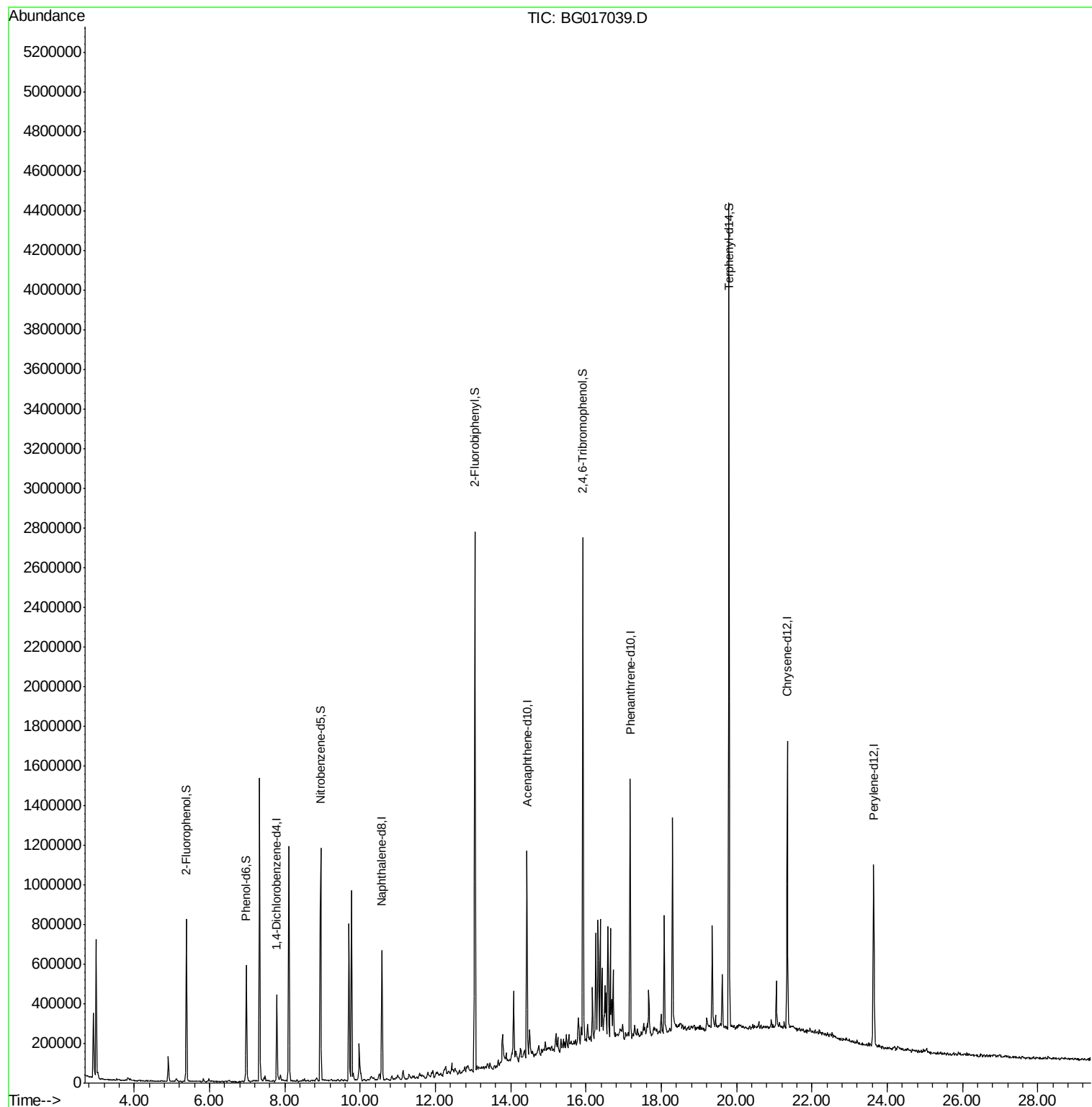
Target Compounds	Qvalue
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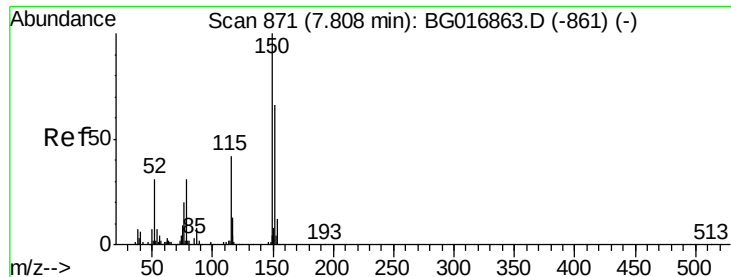
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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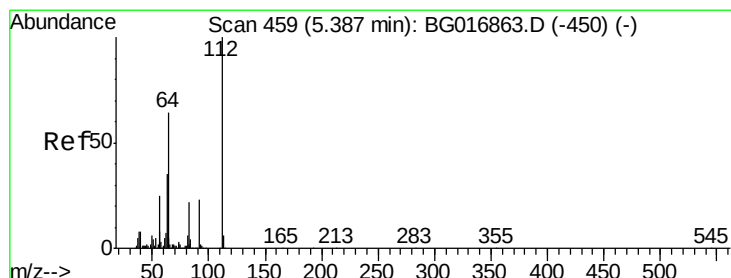
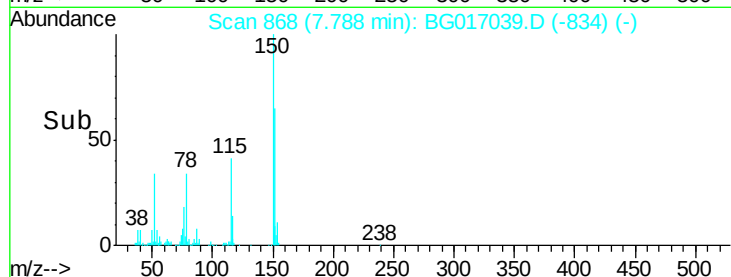
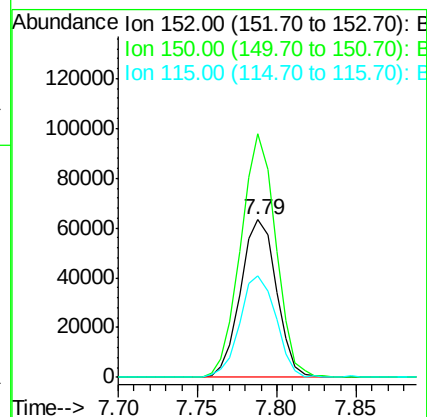
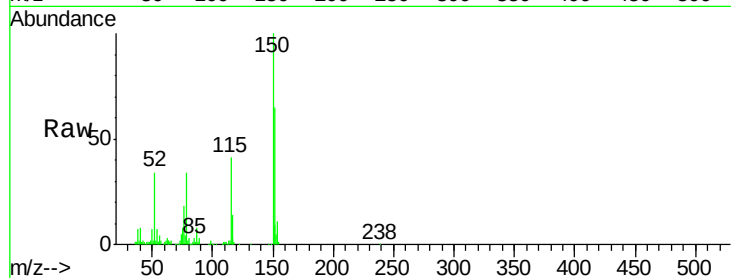


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG017039.D
Acq: 11 May 2015 00:46

Instrument :
BNA_G
ClientSampleId :
W-29

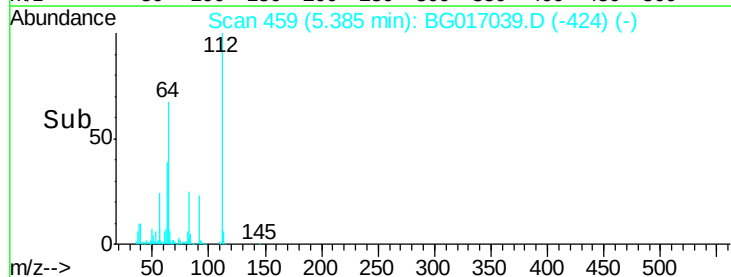
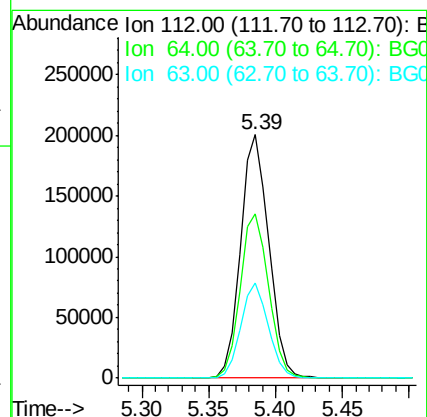
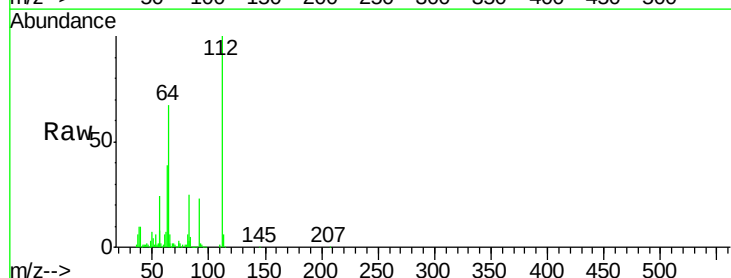
Tgt Ion:152 Resp: 99670
Ion Ratio Lower Upper
152 100
150 154.8 121.0 181.4
115 64.2 50.5 75.7

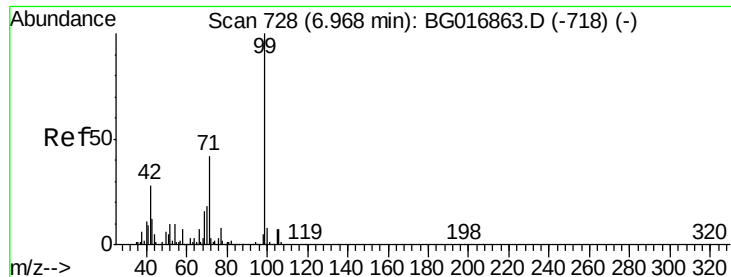


#5

2-Fluorophenol
Concen: 51.25 ng
RT: 5.39 min Scan# 459
Delta R.T. 0.01 min
Lab File: BG017039.D
Acq: 11 May 2015 00:46

Tgt Ion:112 Resp: 293381
Ion Ratio Lower Upper
112 100
64 67.3 51.4 77.2
63 39.2 28.1 42.1





#7

Phenol-d6

Concen: 33.65 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG017039.D

Acq: 11 May 2015 00:46

Instrument :

BNA_G

ClientSampleId :

W-29

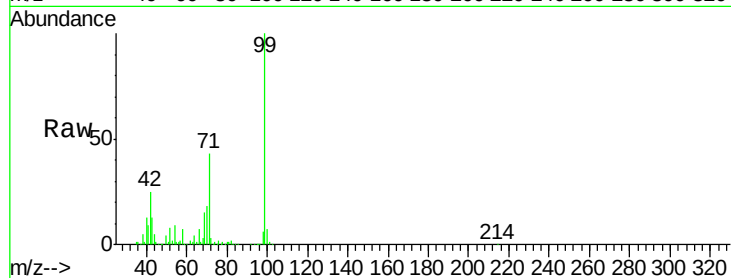
Tgt Ion: 99 Resp: 275167

Ion Ratio Lower Upper

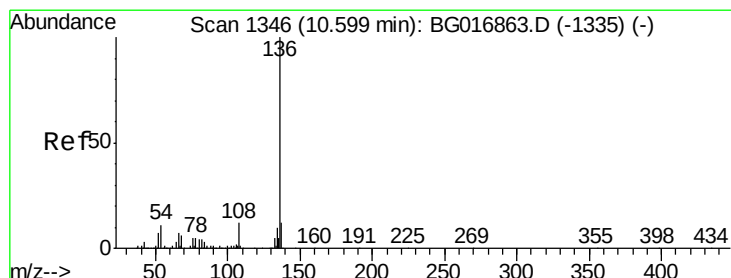
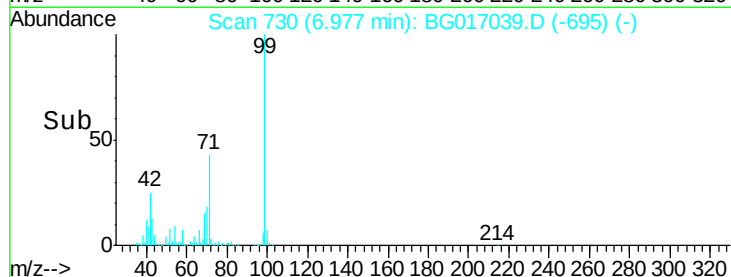
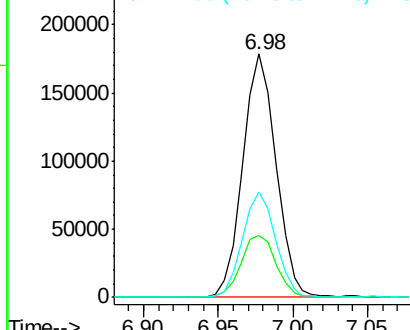
99 100

42 25.2 22.1 33.1

71 43.1 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: BG017039.D

Acq: 11 May 2015 00:46

Tgt Ion: 136 Resp: 481459

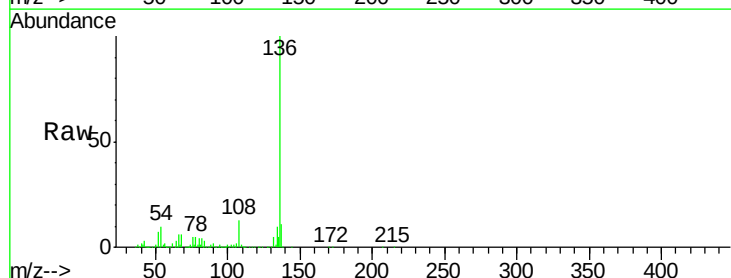
Ion Ratio Lower Upper

136 100

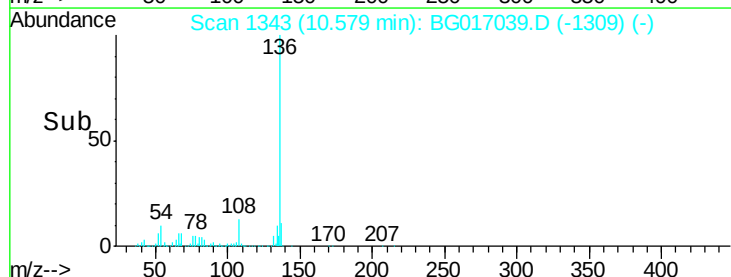
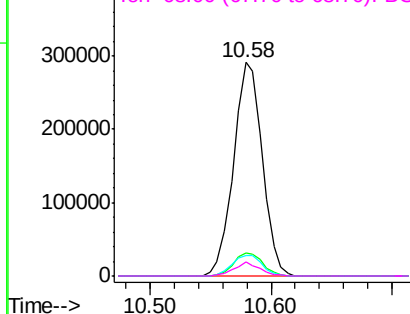
137 10.7 9.8 14.8

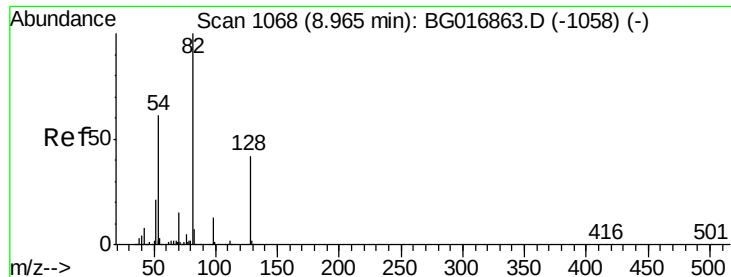
54 9.8 8.7 13.1

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

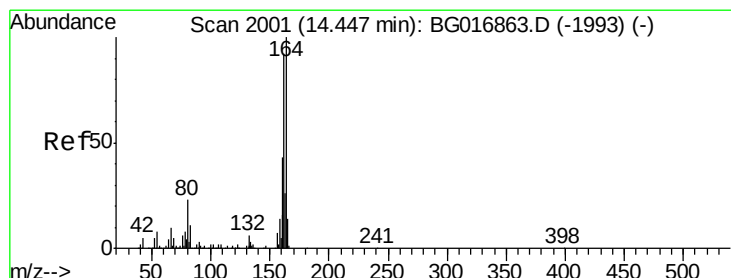
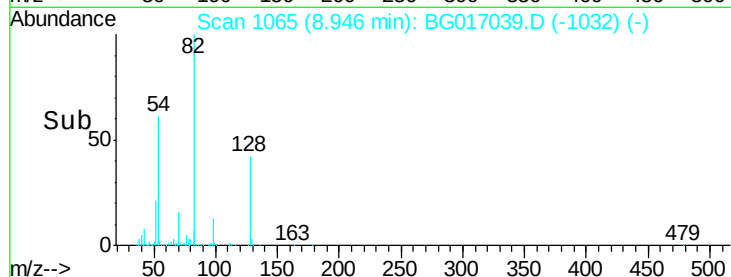
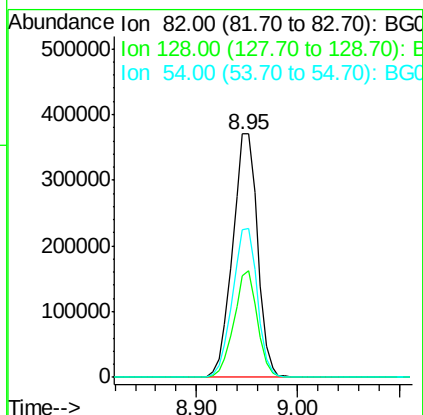
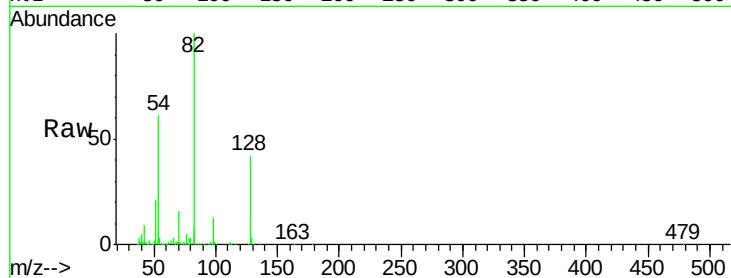




#23
 Nitrobenzene-d5
 Concen: 64.23 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG017039.D
 Acq: 11 May 2015 00:46

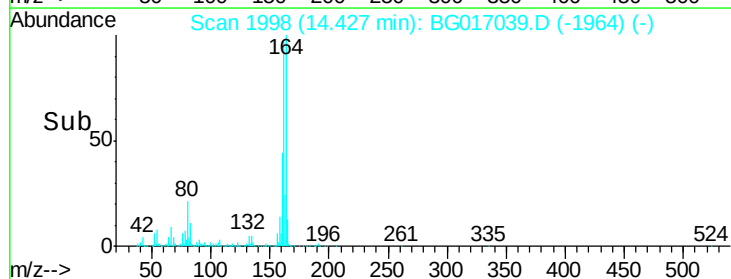
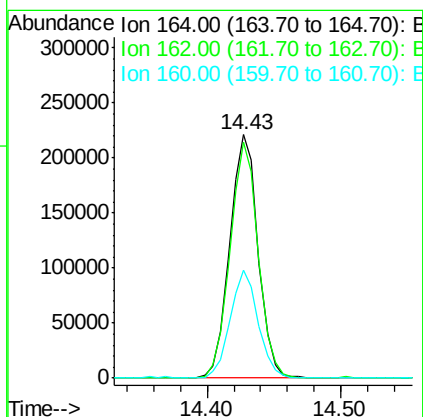
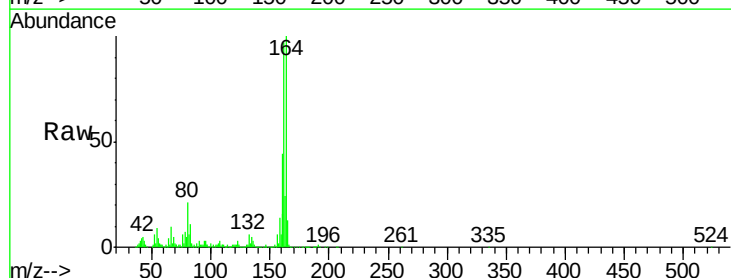
Instrument :
 BNA_G
 ClientSampleId :
 W-29

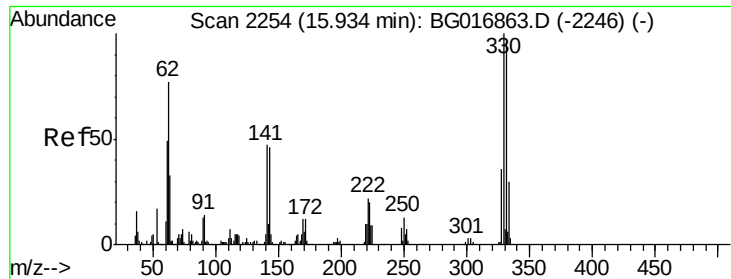
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.2	49.8
54	60.6	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG017039.D
 Acq: 11 May 2015 00:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	74.0	111.0
160	44.1	34.7	52.1

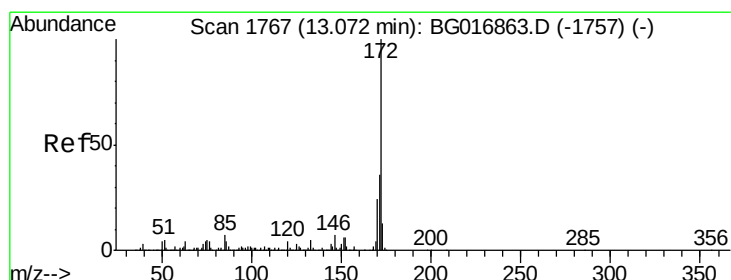
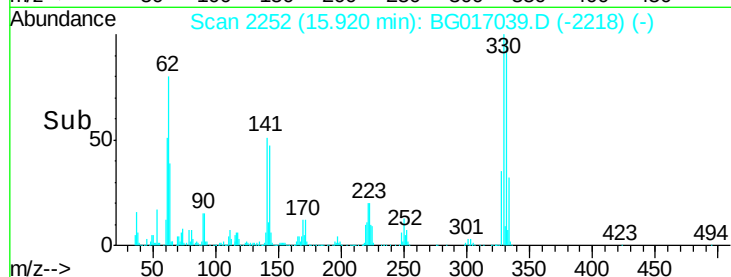
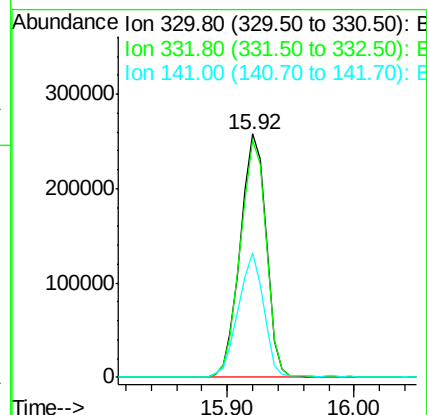
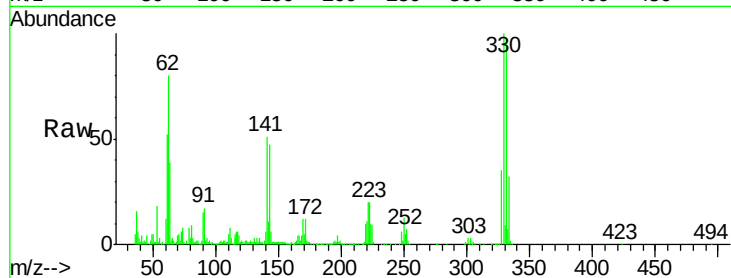




#41
 2,4,6-Tribromophenol
 Concen: 112.24 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG017039.D
 Acq: 11 May 2015 00:46

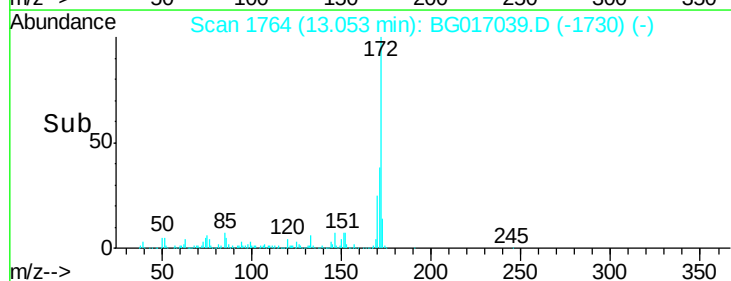
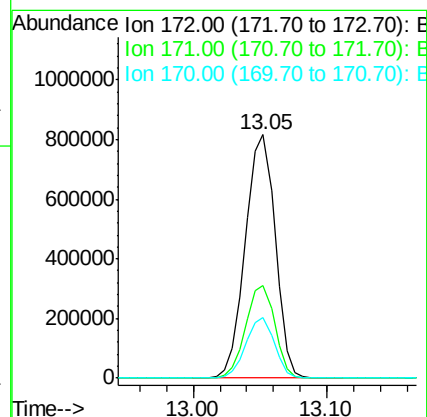
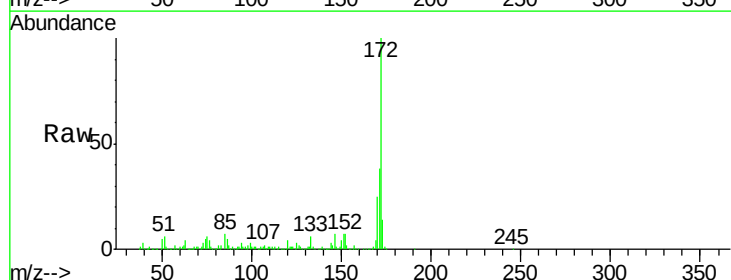
Instrument :
 BNA_G
 ClientSampleId :
 W-29

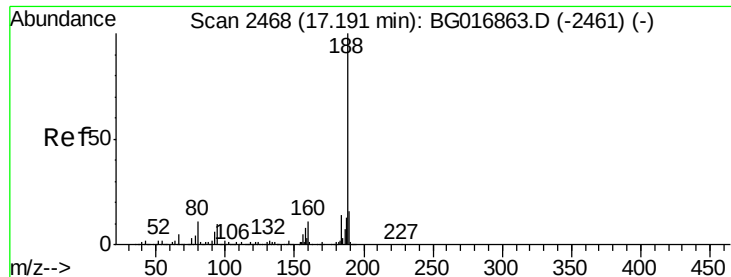
Tgt Ion:330 Resp: 365343
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 49.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 58.69 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG017039.D
 Acq: 11 May 2015 00:46

Tgt Ion:172 Resp: 1260999
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.0 43.4
 170 25.0 19.0 28.4

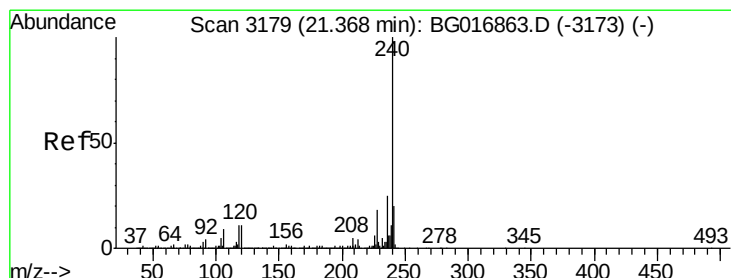
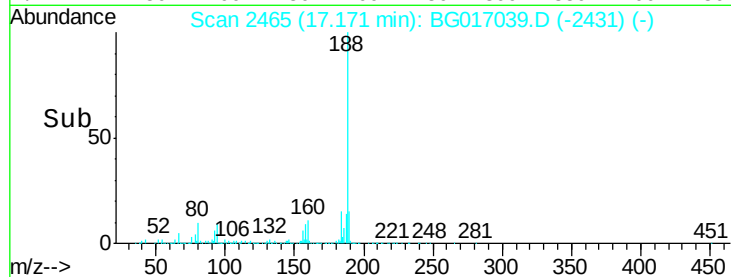
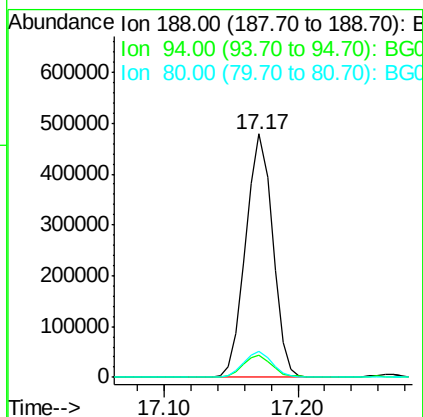
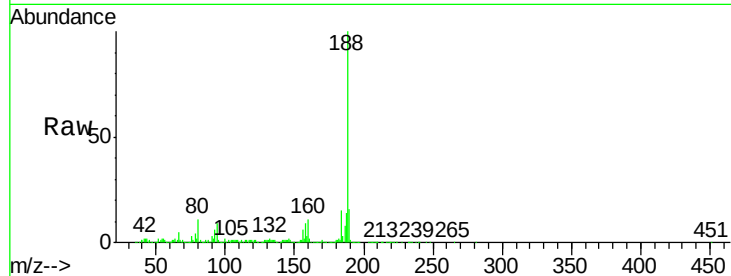




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG017039.D
Acq: 11 May 2015 00:46

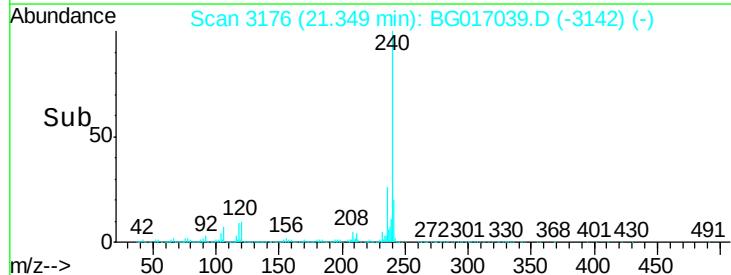
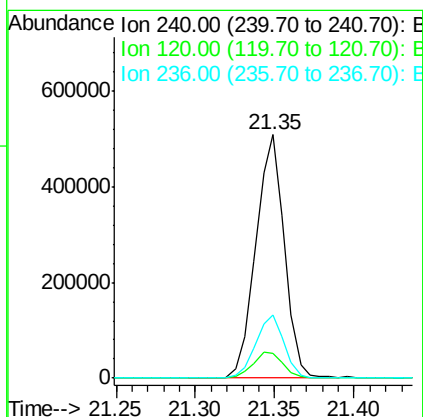
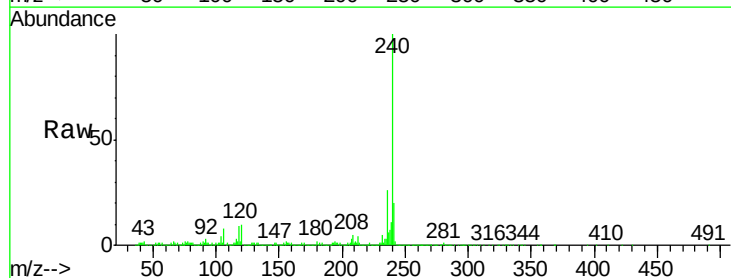
Instrument :
BNA_G
ClientSampleId :
W-29

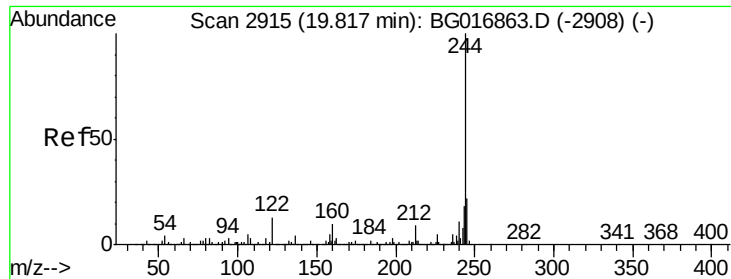
Tgt Ion:188 Resp: 667290
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.4
80 10.7 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BG017039.D
Acq: 11 May 2015 00:46

Tgt Ion:240 Resp: 634451
Ion Ratio Lower Upper
240 100
120 10.1 9.1 13.7
236 25.9 20.2 30.4





#78

Terphenyl-d14

Concen: 57.52 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG017039.D

Acq: 11 May 2015 00:46

Instrument :

BNA_G

ClientSampleId :

W-29

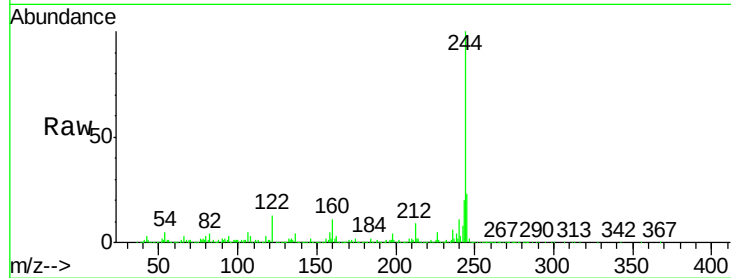
Tgt Ion:244 Resp: 1556674

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

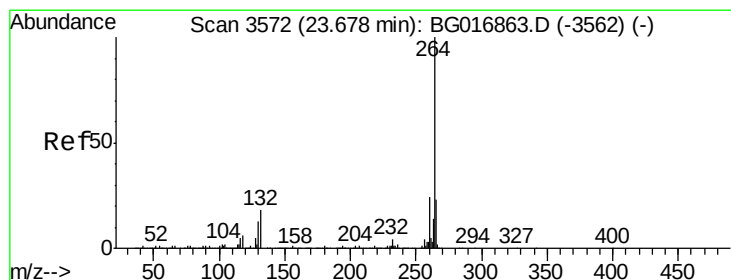
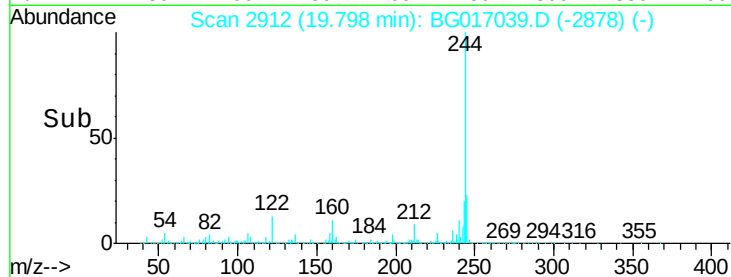
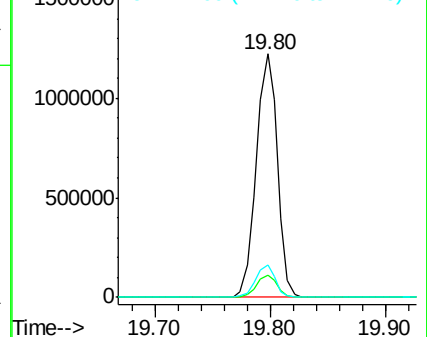
122 13.3 10.4 15.6



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: 23.65 min Scan# 3567

Delta R.T. -0.00 min

Lab File: BG017039.D

Acq: 11 May 2015 00:46

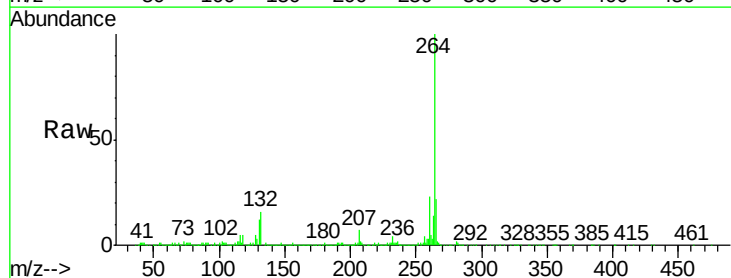
Tgt Ion:264 Resp: 636661

Ion Ratio Lower Upper

264 100

260 22.9 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

