

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017045.D
 Acq On : 11 May 2015 4:14
 Operator : TP/IZ
 Sample : G2172-01
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GPW-01

Quant Time: May 11 06:02:19 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	65533	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	307303	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	192319	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	379590	20.00	ng	0.00
75) Chrysene-d12	21.35	240	366427	20.00	ng	0.00
86) Perylene-d12	23.65	264	364582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	287944	76.51	ng	0.00
7) Phenol-d6	6.98	99	267301	49.71	ng	0.01
23) Nitrobenzene-d5	8.95	82	573740	91.21	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	315254	163.29	ng	0.01
44) 2-Fluorobiphenyl	13.05	172	1145408	89.87	ng	0.00
78) Terphenyl-d14	19.80	244	1207121	77.23	ng	0.00

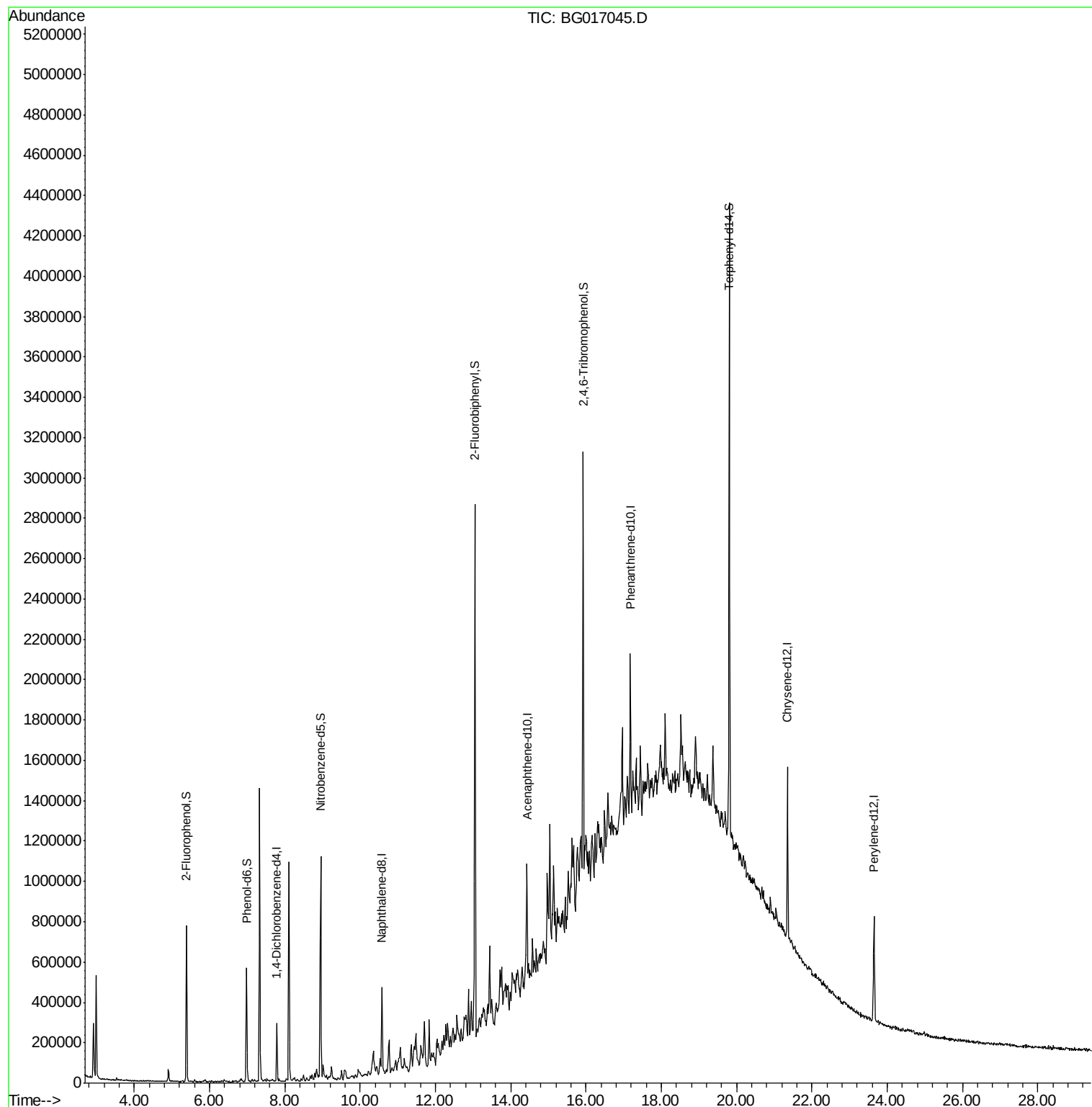
Target Compounds	Qvalue
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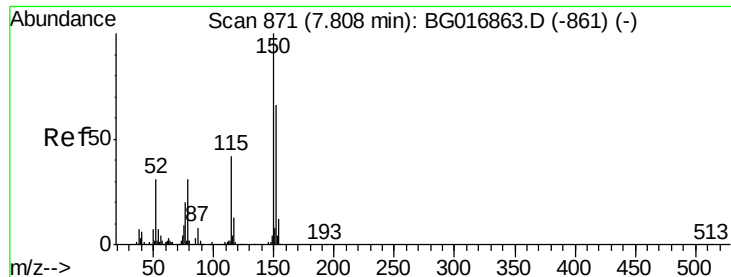
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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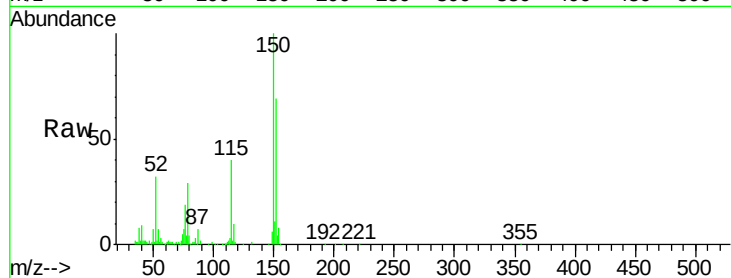


#1

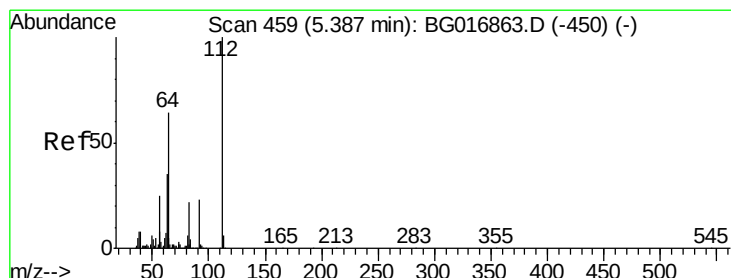
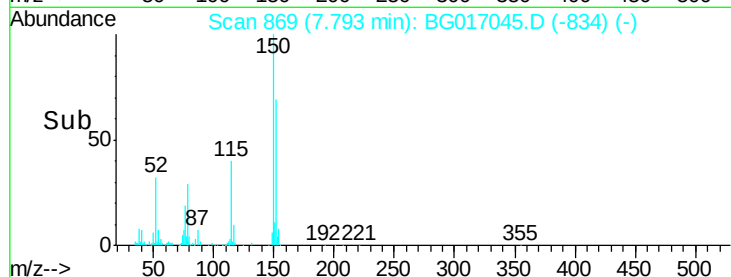
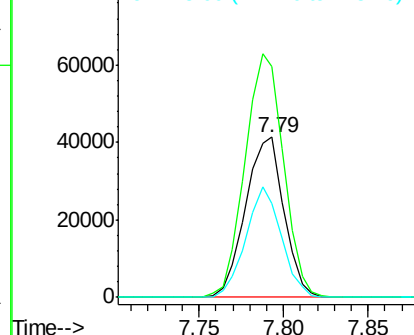
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG017045.D
Acq: 11 May 2015 4:14

Instrument :
BNA_G
ClientSampleId :
GPW-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.5	121.0	181.4
115	58.4	50.5	75.7



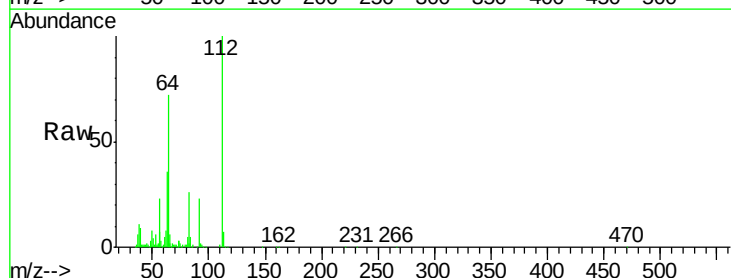
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



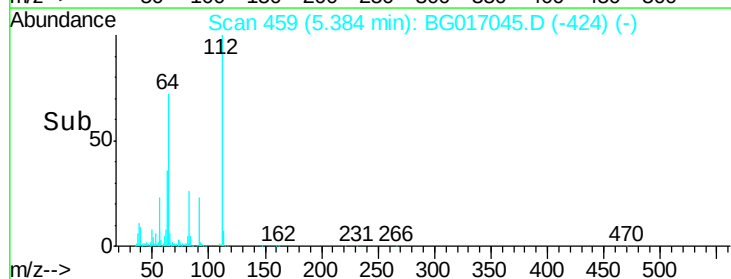
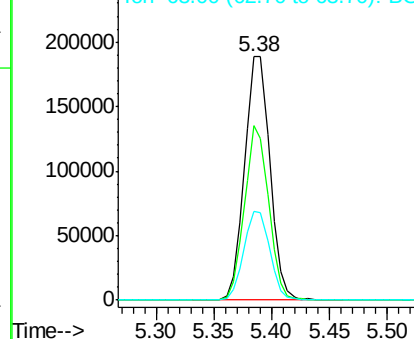
#5

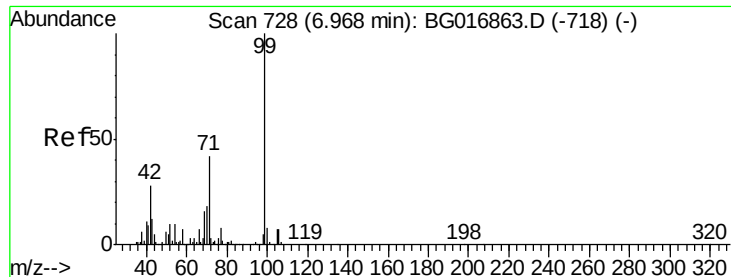
2-Fluorophenol
Concen: 76.51 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG017045.D
Acq: 11 May 2015 4:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	51.4	77.2
63	36.4	28.1	42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG017045.D (-424) (-)
Ion 63.00 (62.70 to 63.70): BG017045.D (-424) (-)





#7

Phenol-d6

Concen: 49.71 ng

RT: 6.98 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG017045.D

Acq: 11 May 2015 4:14

Instrument :

BNA_G

ClientSampleId :

GPW-01

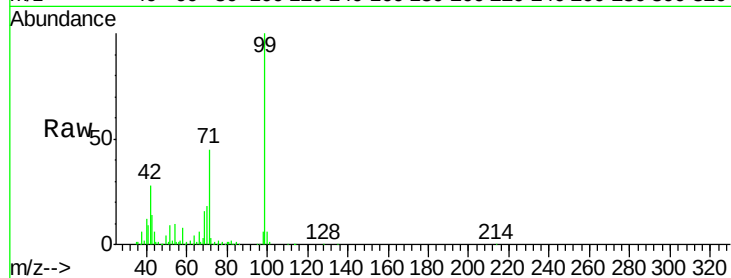
Tgt Ion: 99 Resp: 267301

Ion Ratio Lower Upper

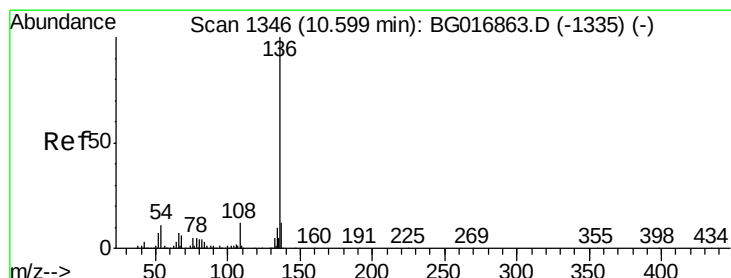
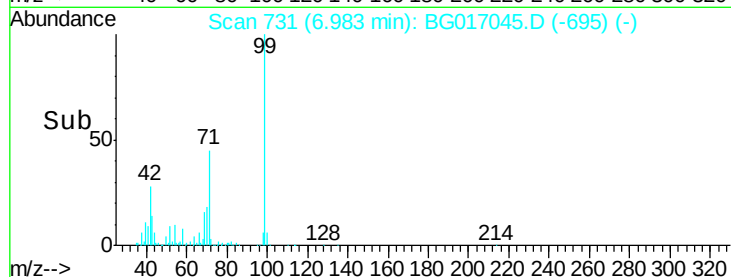
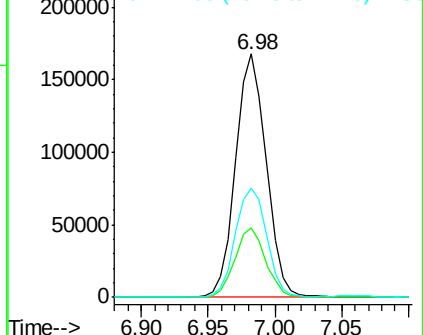
99 100

42 28.4 22.1 33.1

71 44.8 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: BG017045.D

Acq: 11 May 2015 4:14

Tgt Ion: 136 Resp: 307303

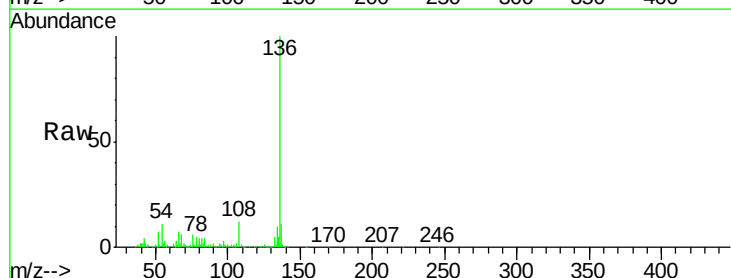
Ion Ratio Lower Upper

136 100

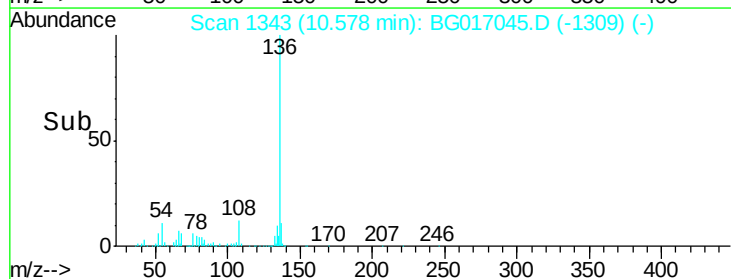
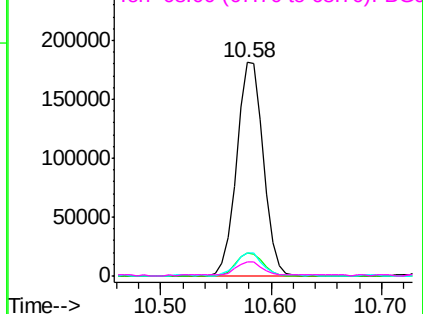
137 10.7 9.8 14.8

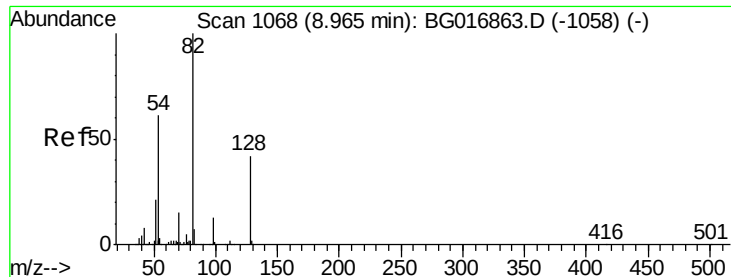
54 10.9 8.7 13.1

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

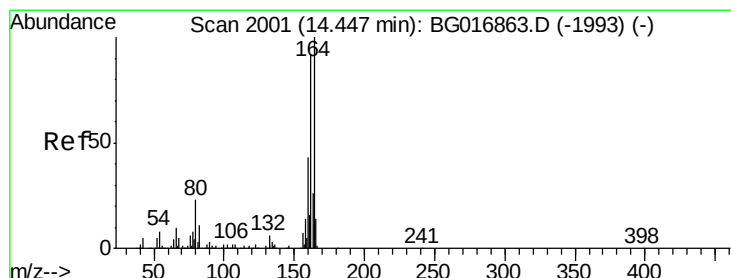
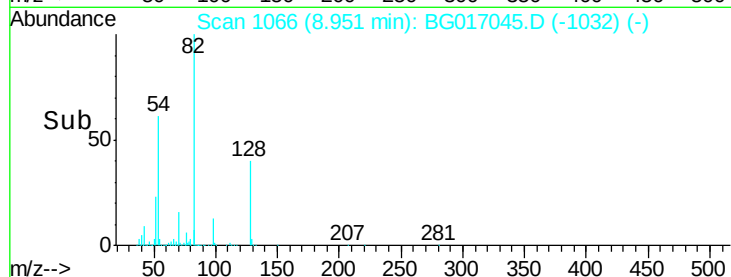
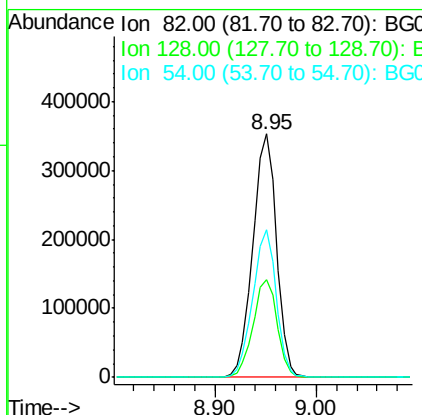
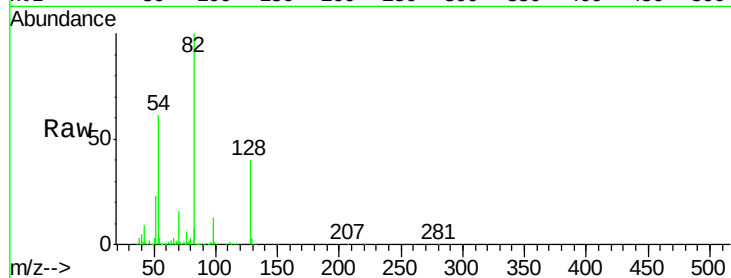




#23
 Nitrobenzene-d5
 Concen: 91.21 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BG017045.D
 Acq: 11 May 2015 4:14

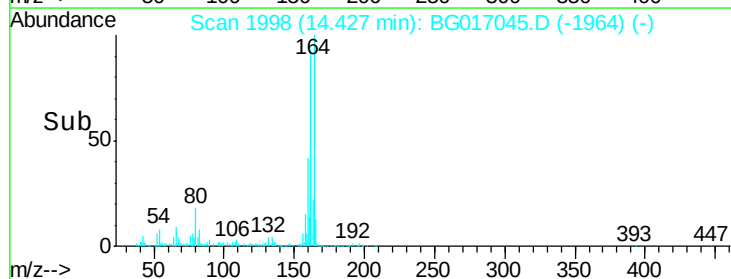
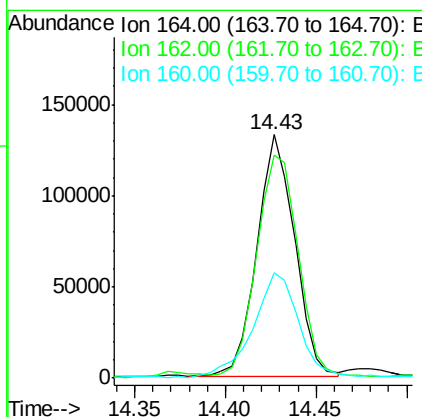
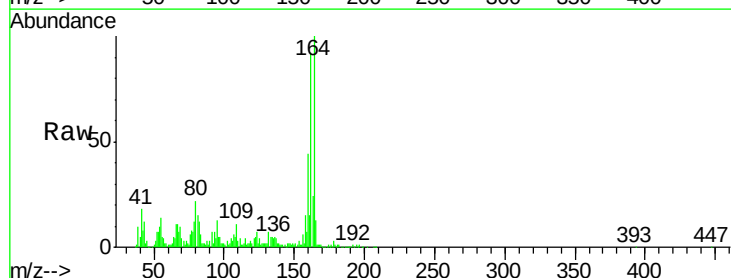
Instrument :
 BNA_G
 ClientSampleId :
 GPW-01

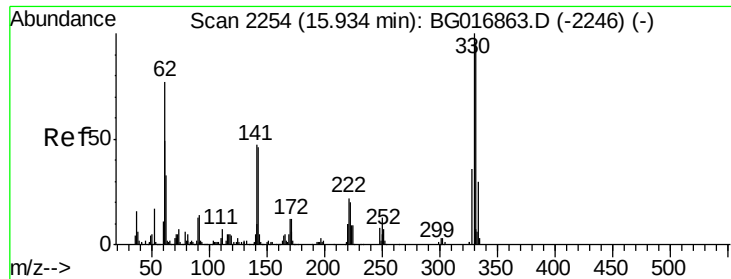
Tgt Ion: 82 Resp: 573740
 Ion Ratio Lower Upper
 82 100
 128 40.3 33.2 49.8
 54 60.6 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG017045.D
 Acq: 11 May 2015 4:14

Tgt Ion: 164 Resp: 192319
 Ion Ratio Lower Upper
 164 100
 162 91.8 74.0 111.0
 160 43.5 34.7 52.1

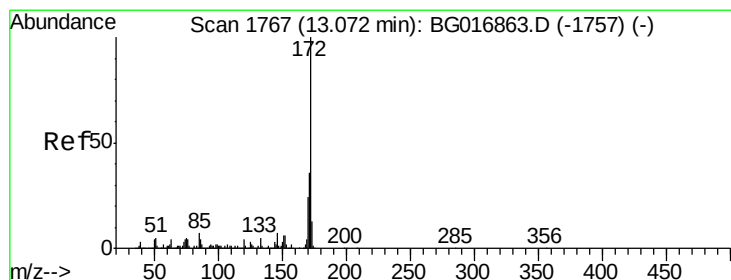
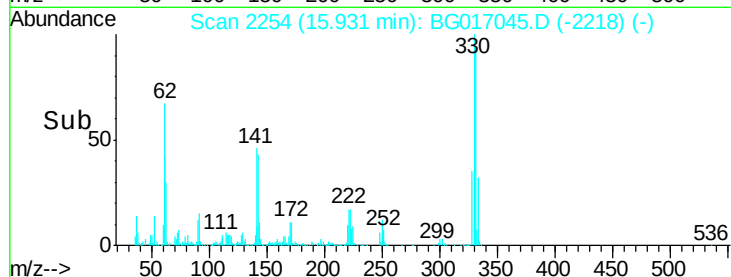
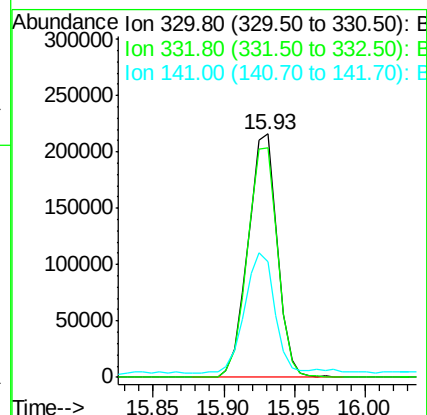
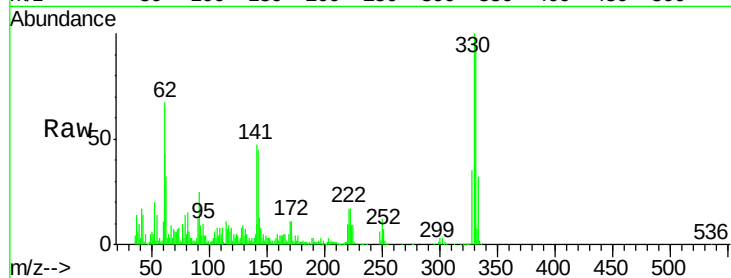




#41
 2,4,6-Tribromophenol
 Concen: 163.29 ng
 RT: 15.93 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: BG017045.D
 Acq: 11 May 2015 4:14

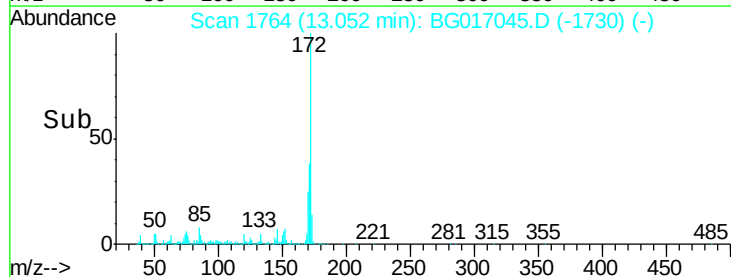
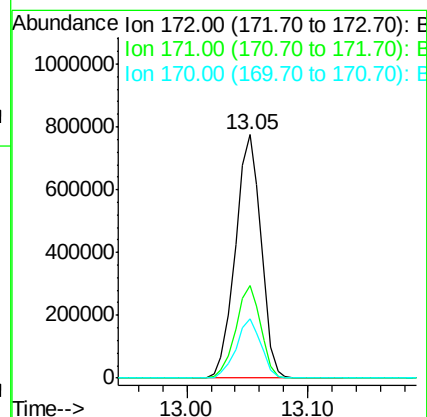
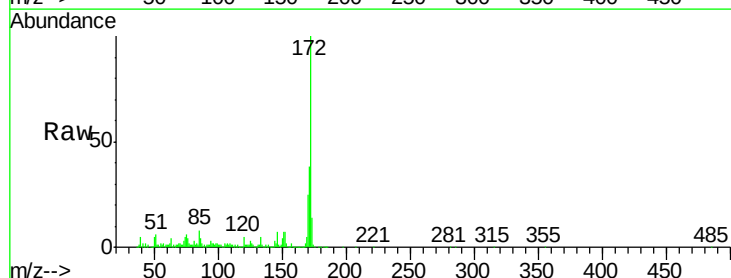
Instrument :
 BNA_G
 ClientSampleId :
 GPW-01

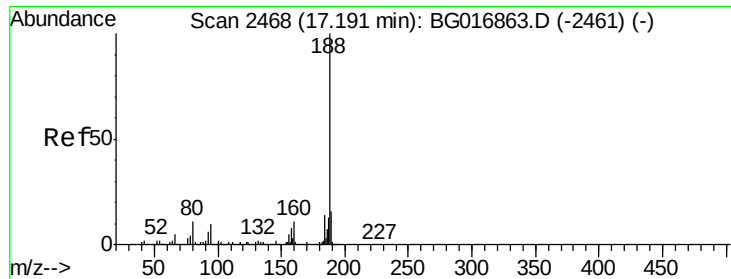
Tgt Ion:330 Resp: 315254
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 50.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.87 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG017045.D
 Acq: 11 May 2015 4:14

Tgt Ion:172 Resp: 1145408
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.0 43.4
 170 24.6 19.0 28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG017045.D

Acq: 11 May 2015 4:14

Instrument :

BNA_G

ClientSampleId :

GPW-01

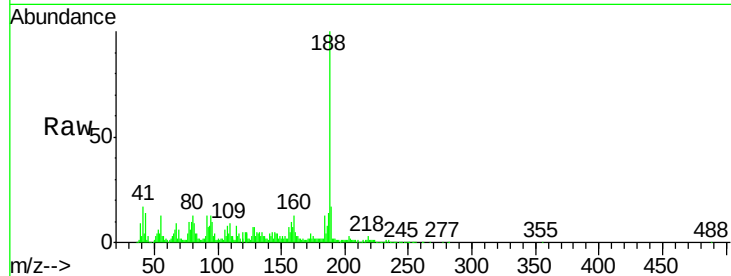
Tgt Ion:188 Resp: 379590

Ion Ratio Lower Upper

188 100

94 13.1 8.2 12.4#

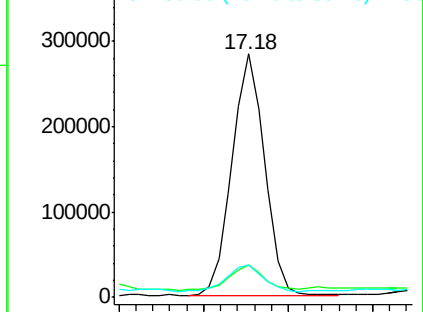
80 13.2 8.8 13.2



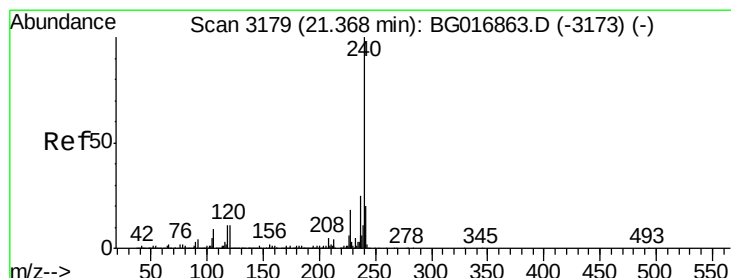
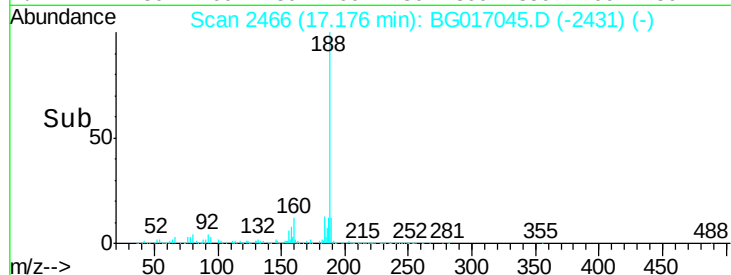
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.10 17.15 17.20 17.25



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3177

Delta R.T. 0.00 min

Lab File: BG017045.D

Acq: 11 May 2015 4:14

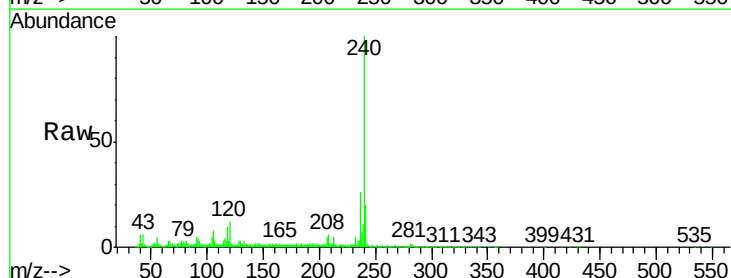
Tgt Ion:240 Resp: 366427

Ion Ratio Lower Upper

240 100

120 11.6 9.1 13.7

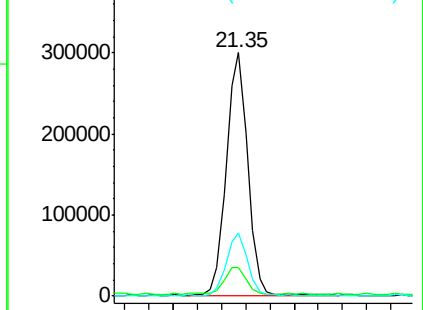
236 26.0 20.2 30.4



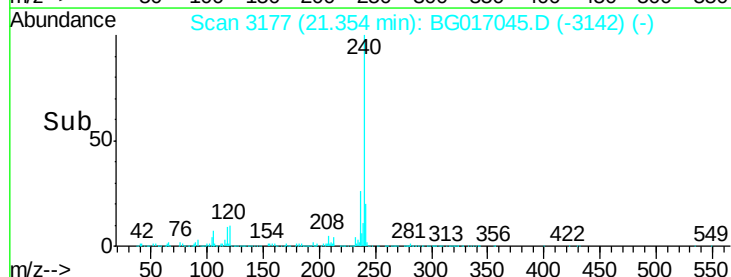
Abundance Ion 240.00 (239.70 to 240.70): E

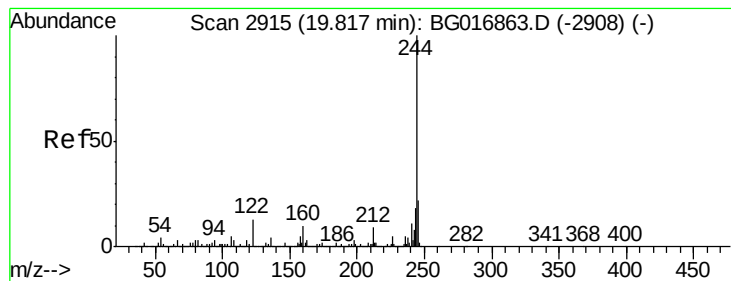
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.30 21.40





#78

Terphenyl-d14

Concen: 77.23 ng

RT: 19.80 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG017045.D

Acq: 11 May 2015 4:14

Instrument :

BNA_G

ClientSampleId :

GPW-01

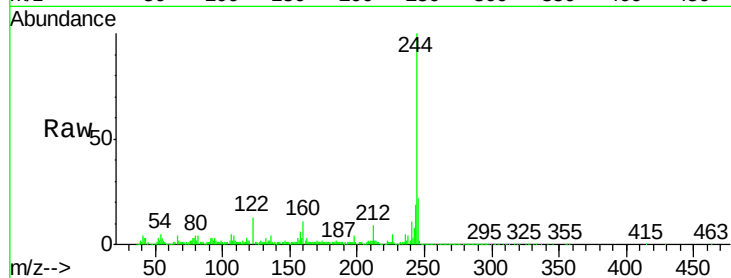
Tgt Ion:244 Resp: 1207121

Ion Ratio Lower Upper

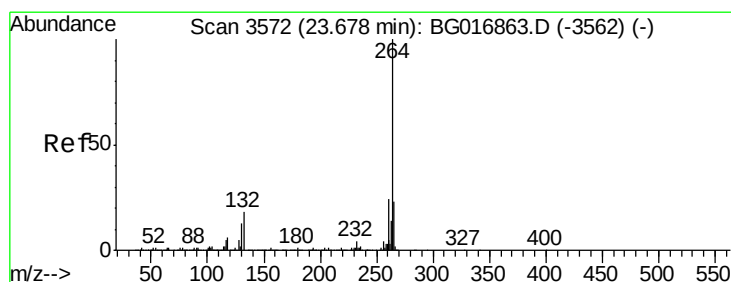
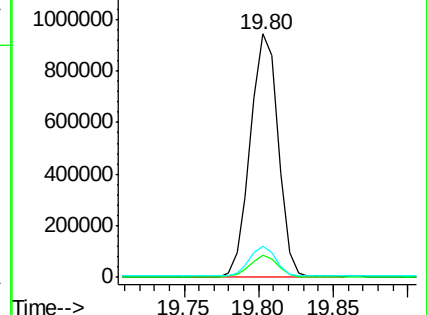
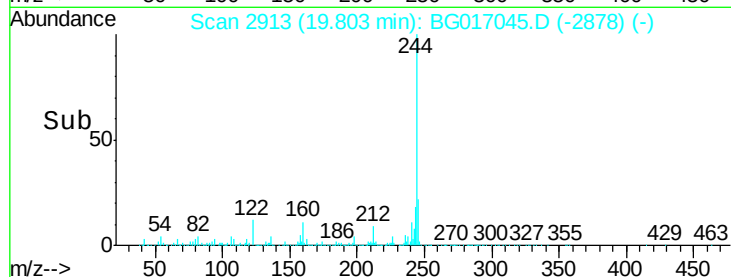
244 100

212 9.1 7.0 10.6

122 12.8 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# 3568

Delta R.T. 0.00 min

Lab File: BG017045.D

Acq: 11 May 2015 4:14

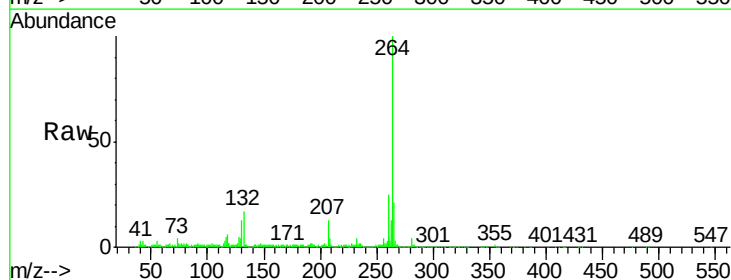
Tgt Ion:264 Resp: 364582

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 20.8 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

