

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052015\
 Data File : BG017219.D
 Acq On : 20 May 2015 17:45
 Operator : TP/IZ
 Sample : G2279-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: May 21 02:37:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 02:15:39 2015
 Response via : Initial Calibration

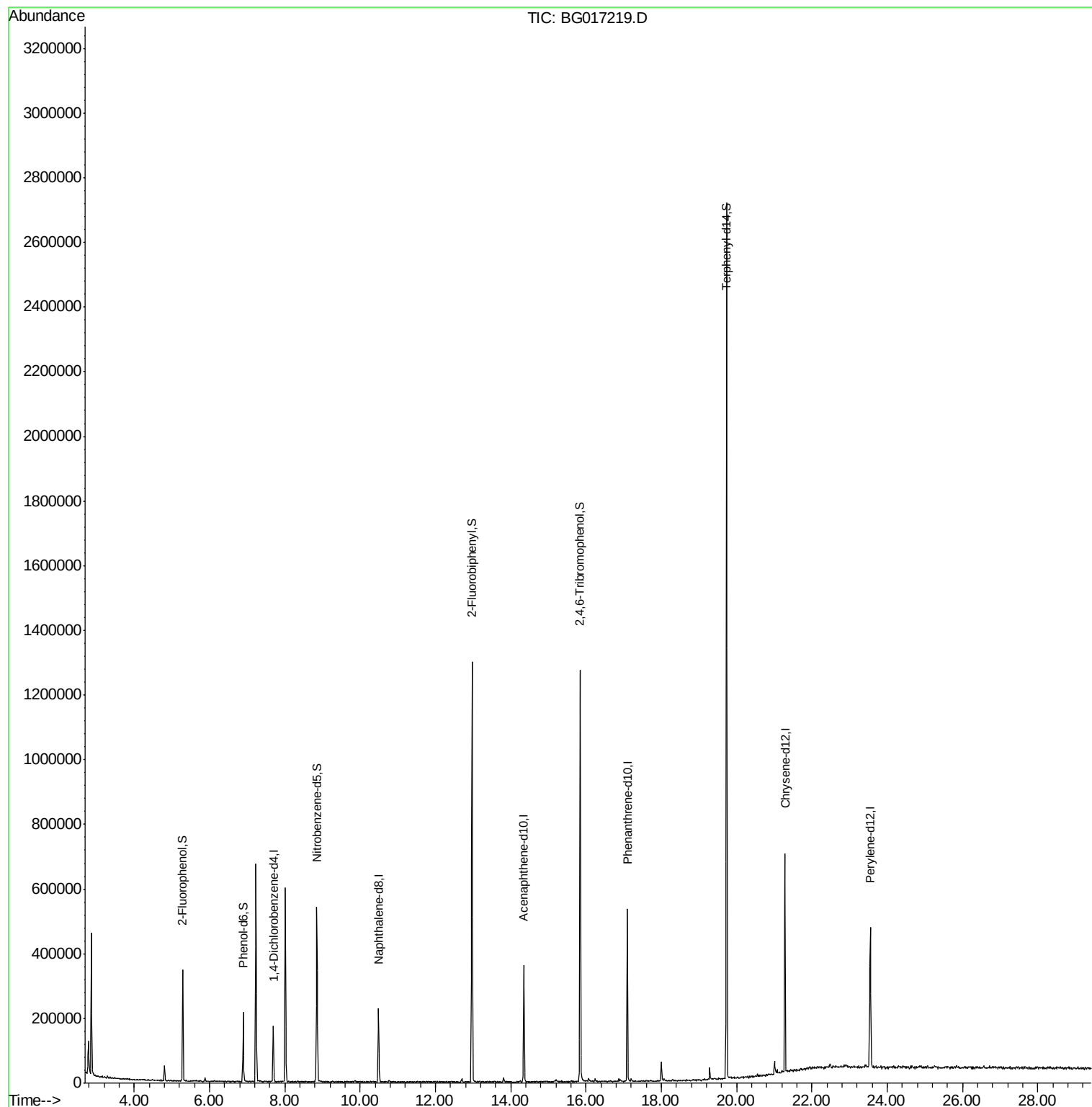
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	38935	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	163147	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	109196	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	268349	20.00	ng	0.00
75) Chrysene-d12	21.28	240	290038	20.00	ng	0.00
86) Perylene-d12	23.55	264	291864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	120145	54.75	ng	0.00
7) Phenol-d6	6.90	99	97520	31.67	ng	0.00
23) Nitrobenzene-d5	8.85	82	269094	77.01	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	175847	133.22	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	566178	76.08	ng	0.00
78) Terphenyl-d14	19.73	244	1059990	76.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.90	77	435	Below Cal	Qvalue #	6

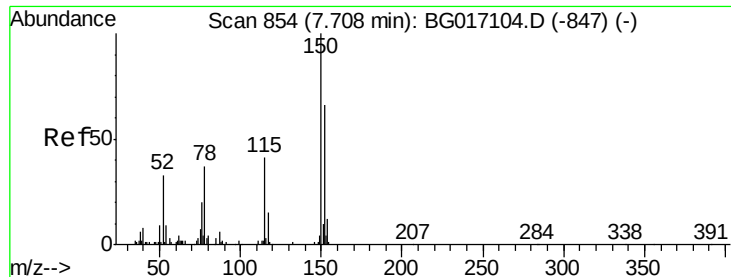
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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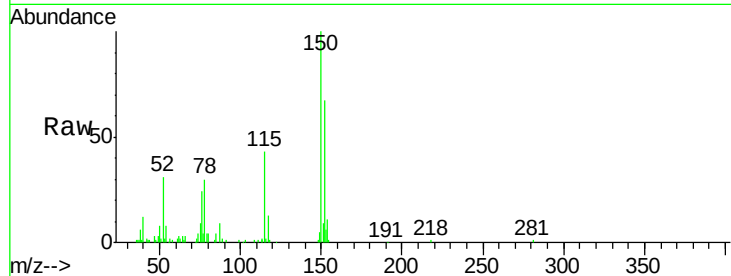


#1

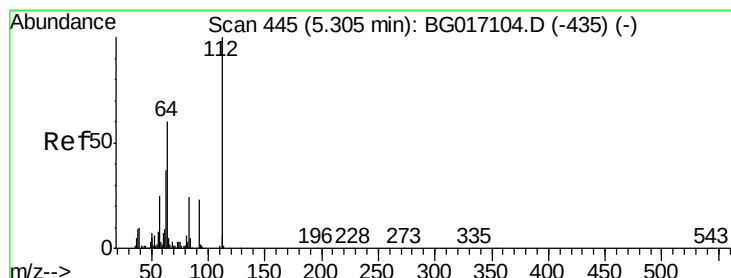
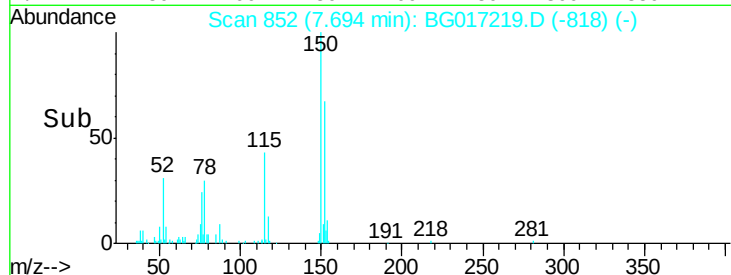
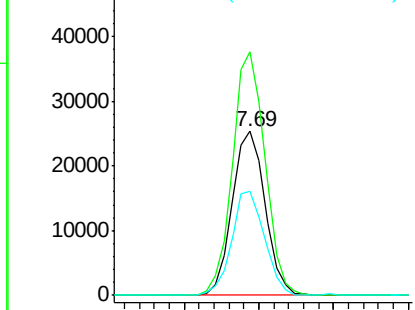
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG017219.D
Acq: 20 May 2015 17:45

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	120.8	181.2
115	63.3	49.4	74.2



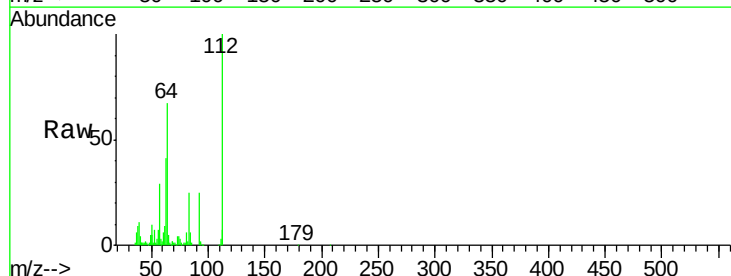
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



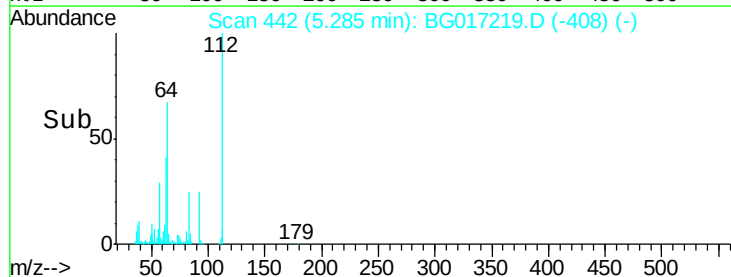
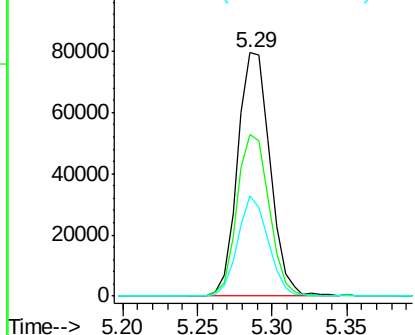
#5

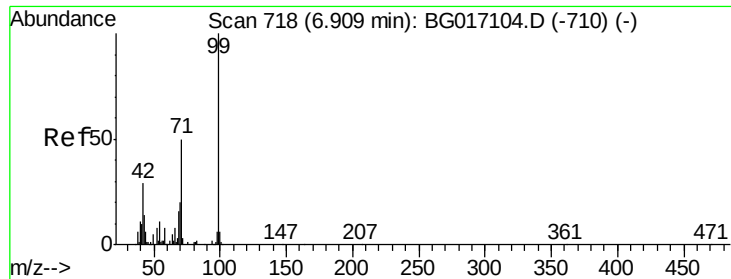
2-Fluorophenol
Concen: 54.75 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG017219.D
Acq: 20 May 2015 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	48.1	72.1
63	41.4	29.8	44.8



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: 31.67 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG017219.D

Acq: 20 May 2015 17:45

Instrument :

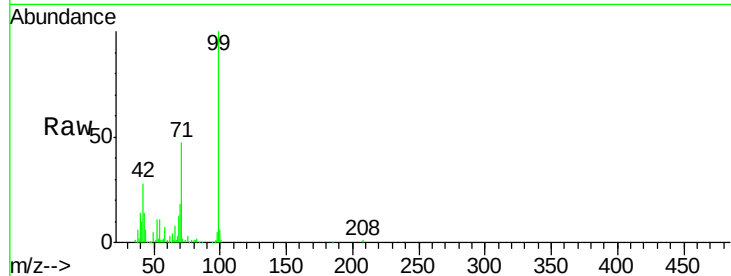
BNA_G

ClientSampleId :

MW-3

Tot Ion: 99 Resp: 97520

Ion	Ratio	Lower	Upper
99	100		
42	28.0	23.5	35.3
71	46.5	39.8	59.8

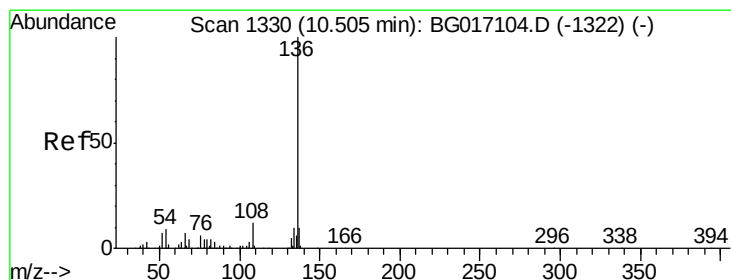
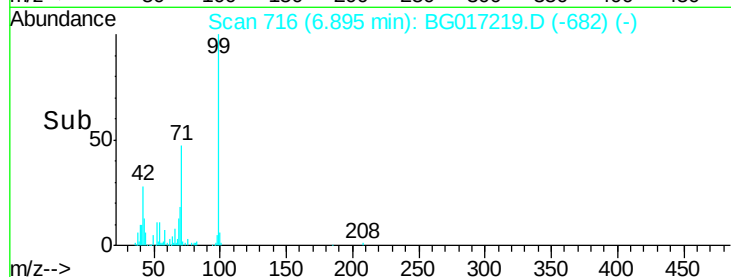
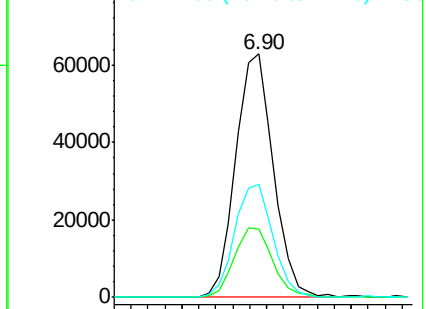


Abundance

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: 10.49 min Scan# 1327

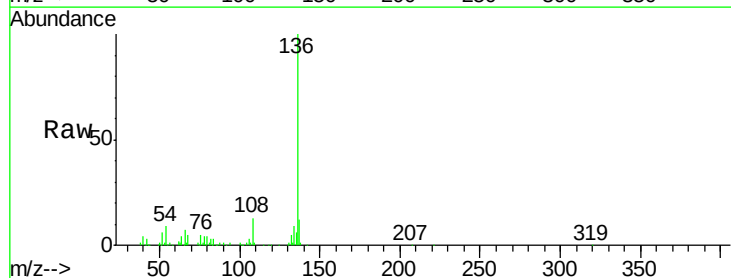
Delta R.T. -0.00 min

Lab File: BG017219.D

Acq: 20 May 2015 17:45

Tgt Ion: 136 Resp: 163147

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.3	12.5
54	9.4	7.4	11.2
68	5.1	3.6	5.4



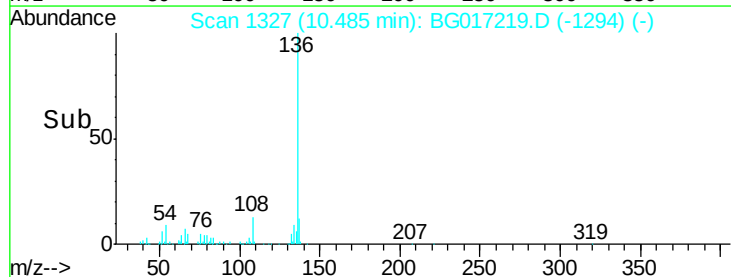
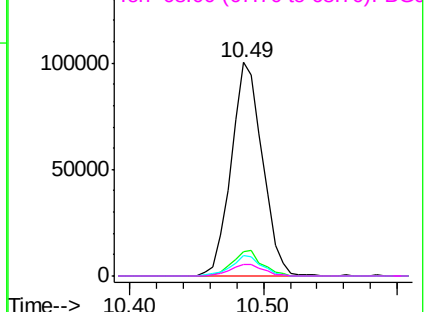
Abundance

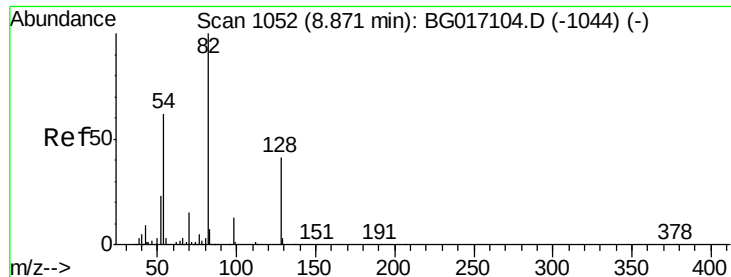
Ion 136.00 (135.70 to 136.70): BGC

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: 77.01 ng

RT: 8.85 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG017219.D

Acq: 20 May 2015 17:45

Instrument :

BNA_G

ClientSampleId :

MW-3

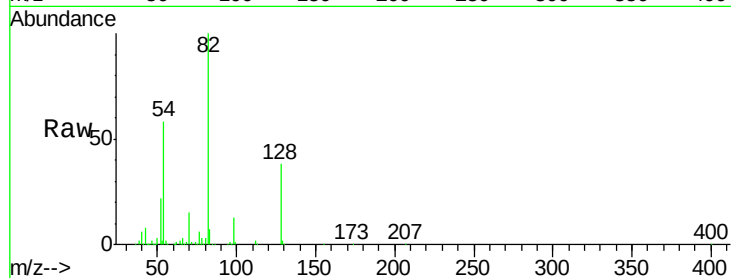
Tot Ion: 82 Resp: 269094

Ion Ratio Lower Upper

82 100

128 38.3 32.6 49.0

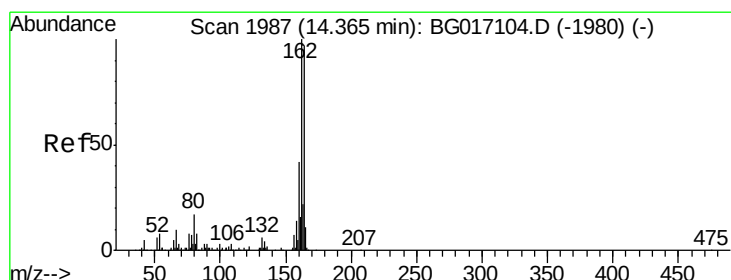
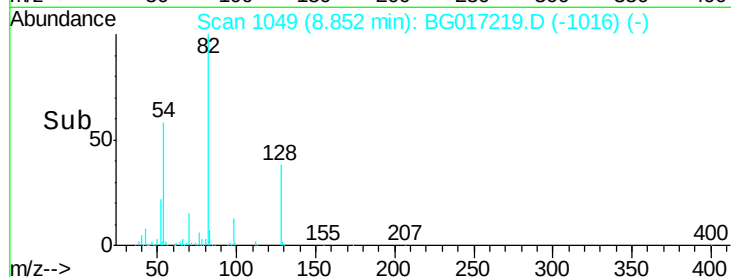
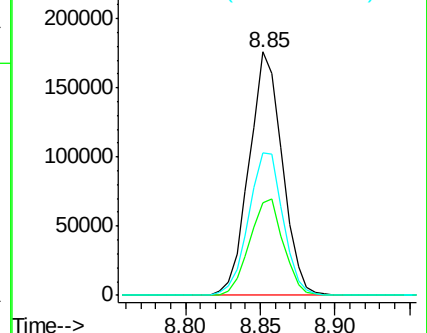
54 58.5 49.6 74.4



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.35 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG017219.D

Acq: 20 May 2015 17:45

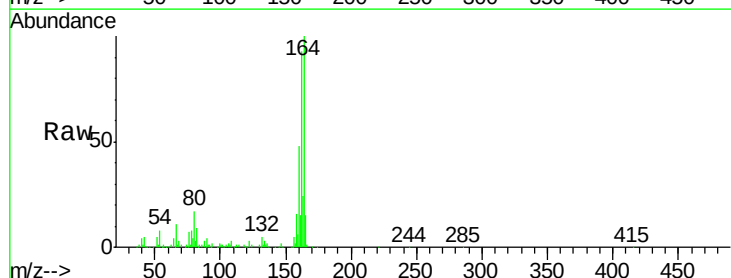
Tgt Ion: 164 Resp: 109196

Ion Ratio Lower Upper

164 100

162 93.3 82.1 123.1

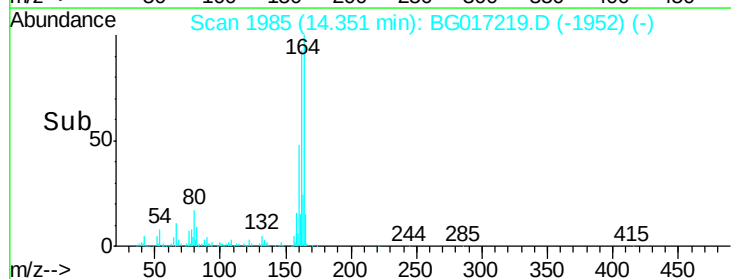
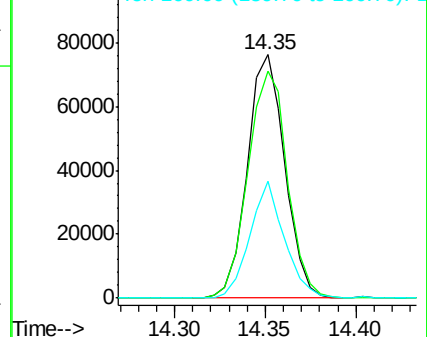
160 47.9 34.8 52.2

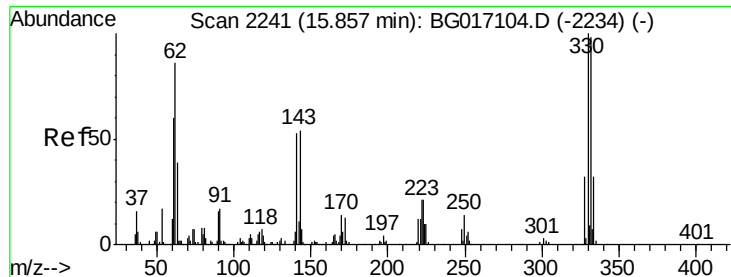


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

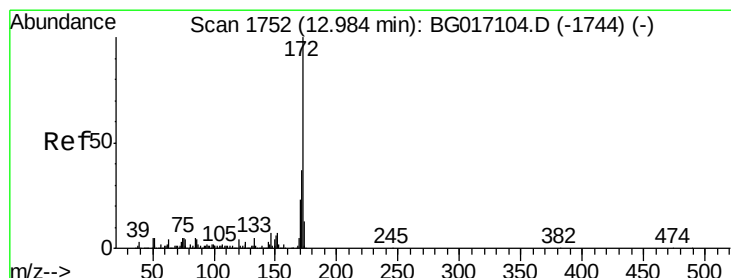
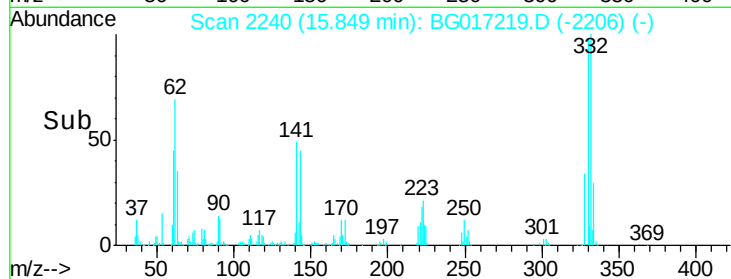
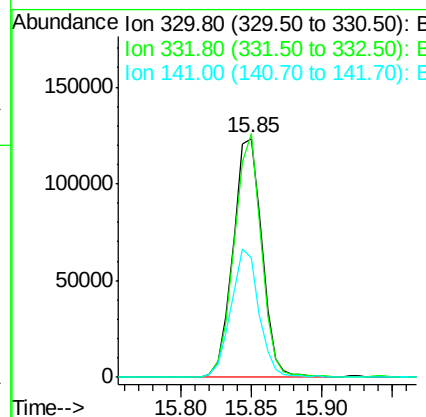
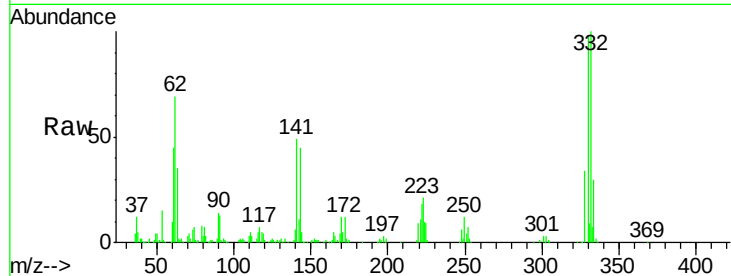




#41
 2,4,6-Tribromophenol
 Concen: 133.22 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BG017219.D
 Acq: 20 May 2015 17:45

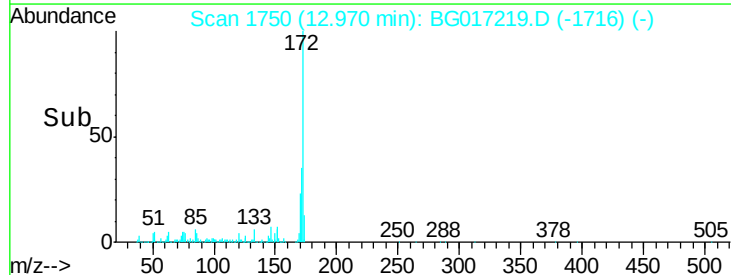
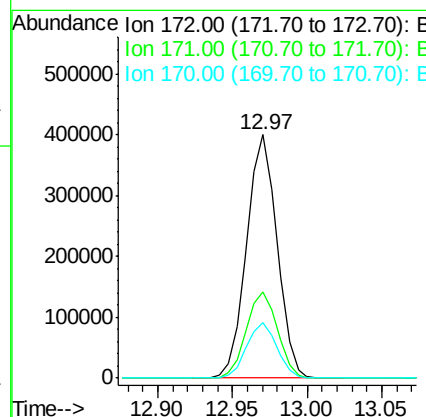
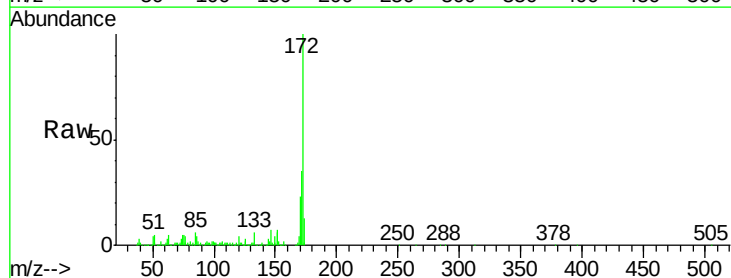
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

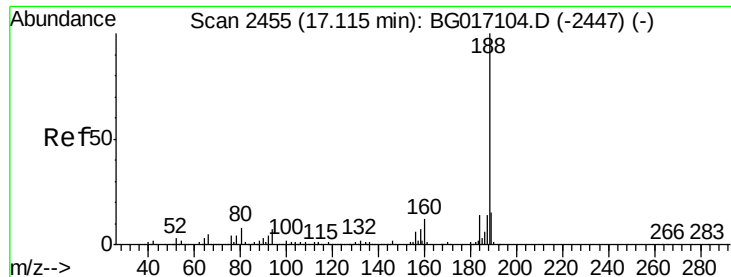
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	52.3	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 76.08 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BG017219.D
 Acq: 20 May 2015 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	22.9	18.4	27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.10 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG017219.D

Acq: 20 May 2015 17:45

Instrument :

BNA_G

ClientSampleId :

MW-3

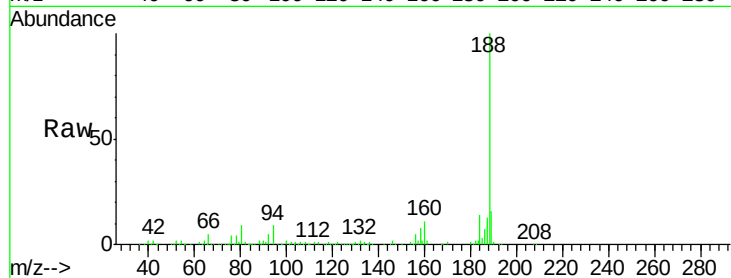
Tot Ion:188 Resp: 268349

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.6

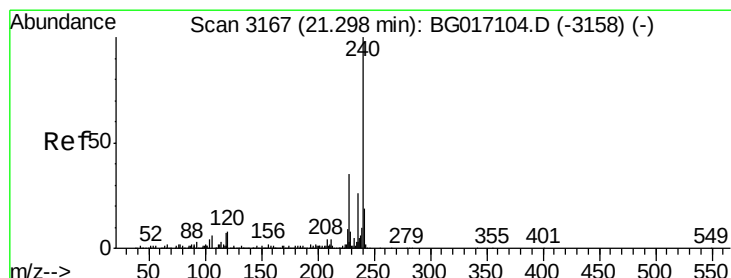
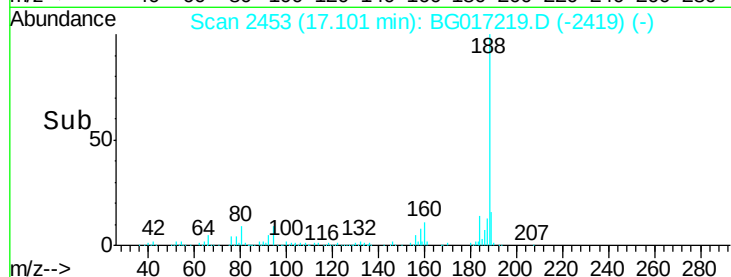
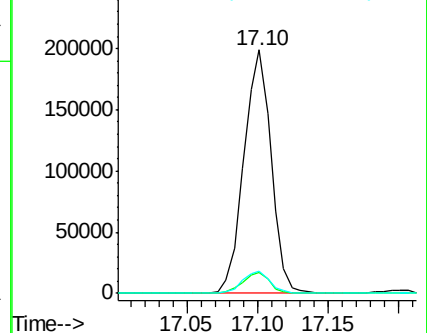
80 9.0 6.5 9.7



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: 21.28 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG017219.D

Acq: 20 May 2015 17:45

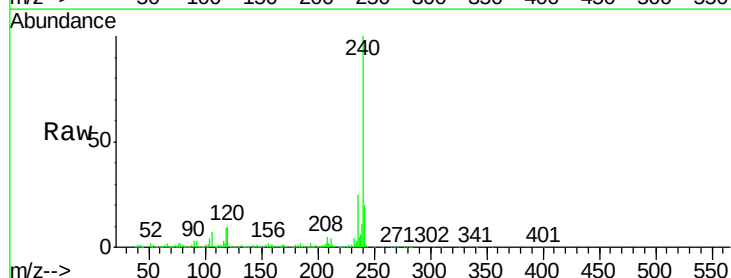
Tgt Ion:240 Resp: 290038

Ion Ratio Lower Upper

240 100

120 10.2 6.0 9.0#

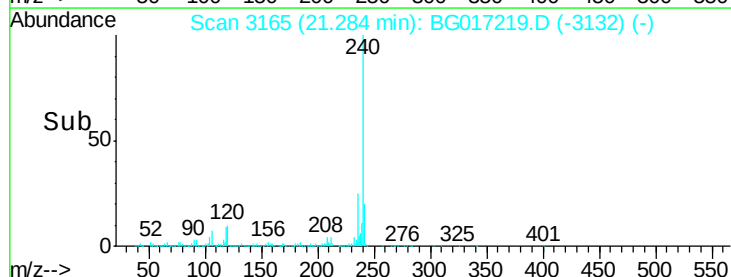
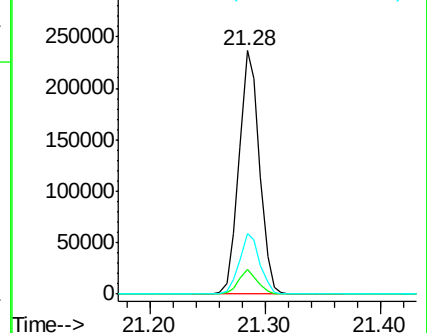
236 25.0 20.5 30.7

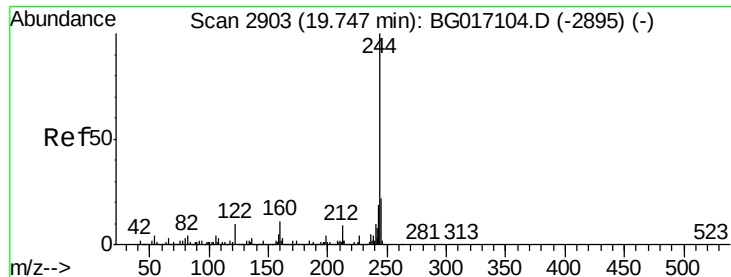


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.16 ng

RT: 19.73 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG017219.D

Acq: 20 May 2015 17:45

Instrument :

BNA_G

ClientSampled :

MW-3

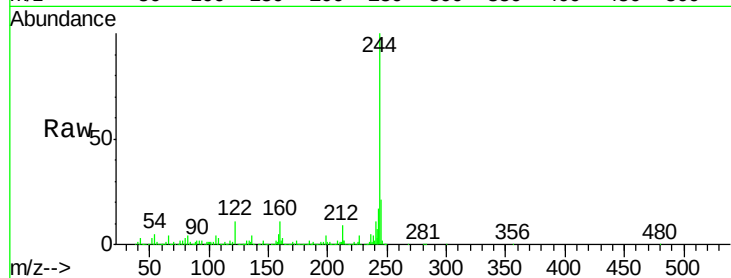
Tot Ion:244 Resp: 1059990

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	11.0	8.4	12.6

244 100

212 8.8 7.0 10.4

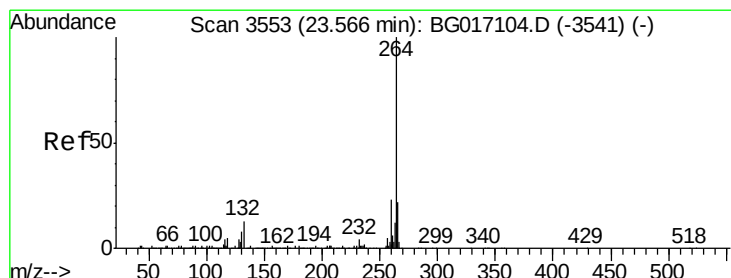
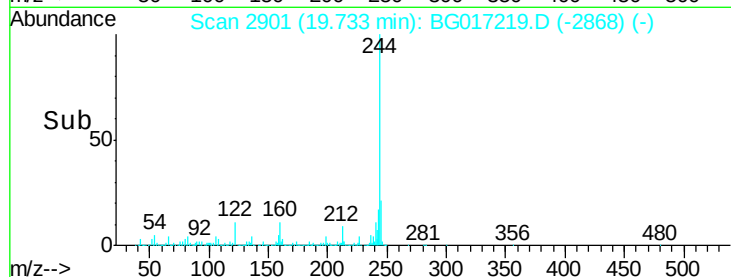
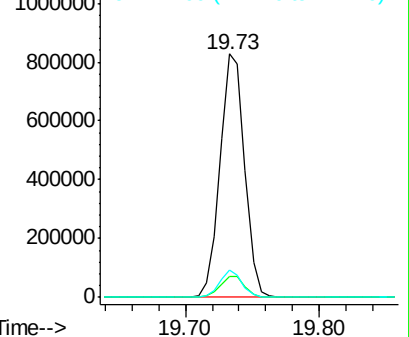
122 11.0 8.4 12.6



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: 23.55 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG017219.D

Acq: 20 May 2015 17:45

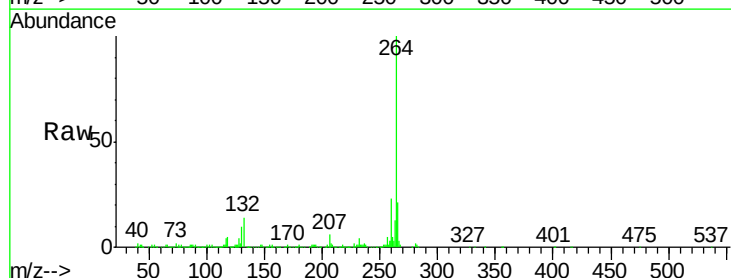
Tgt Ion:264 Resp: 291864

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.0	27.0
265	20.9	17.4	26.0

264 100

260 23.2 18.0 27.0

265 20.9 17.4 26.0



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

