

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052015\
 Data File : BG017222.D
 Acq On : 20 May 2015 19:30
 Operator : TP/IZ
 Sample : G2279-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: May 21 02:38:03 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

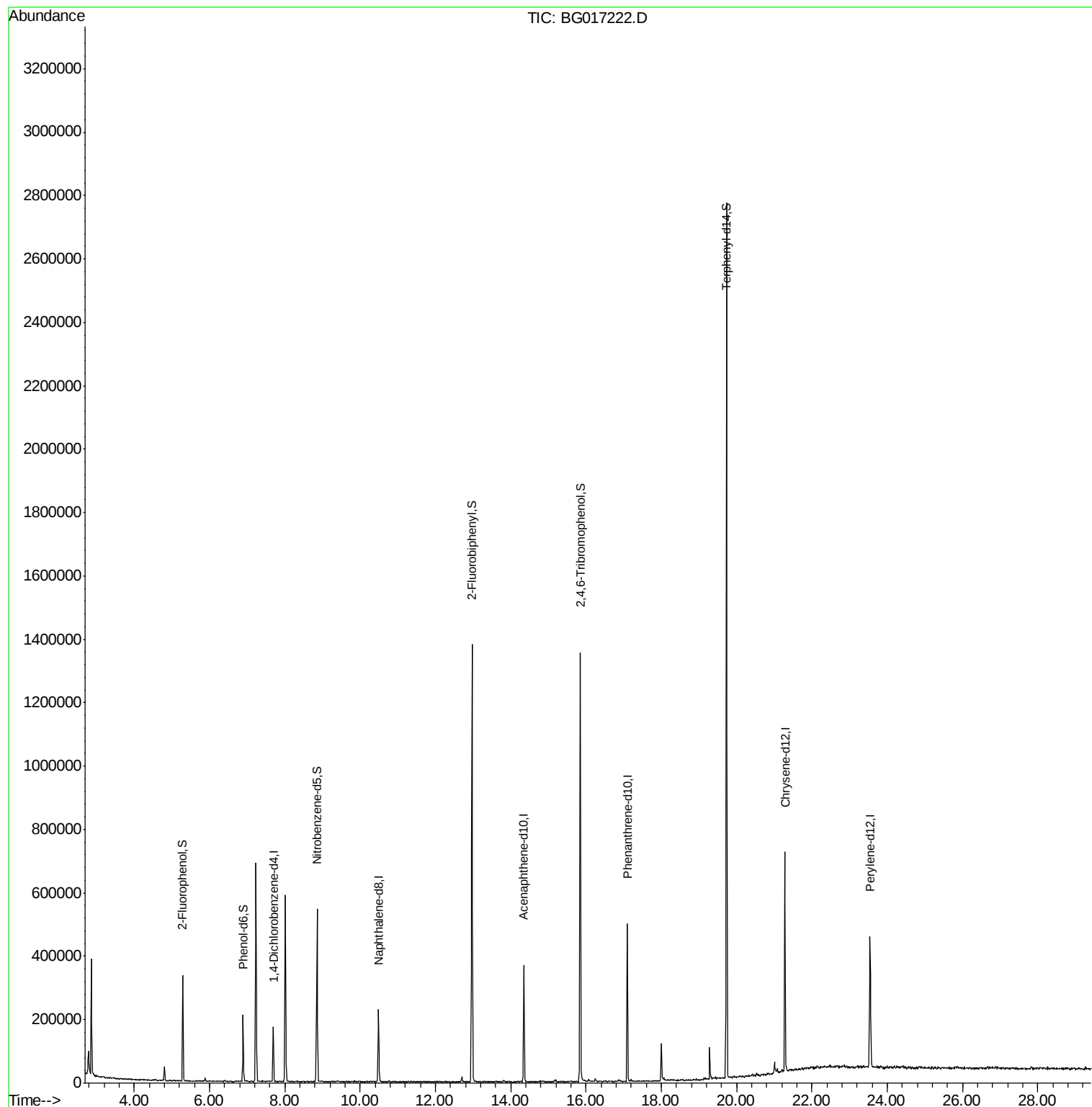
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	39823	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	165035	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	110818	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	267151	20.00	ng	0.00
75) Chrysene-d12	21.28	240	292894	20.00	ng	0.00
86) Perylene-d12	23.55	264	293352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	113974	50.78	ng	0.00
7) Phenol-d6	6.89	99	91477	29.04	ng	0.00
23) Nitrobenzene-d5	8.86	82	280395	79.32	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	195196	145.71	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	598762	79.28	ng	0.00
78) Terphenyl-d14	19.73	244	1029524	73.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	170	Below Cal	Qvalue #	6

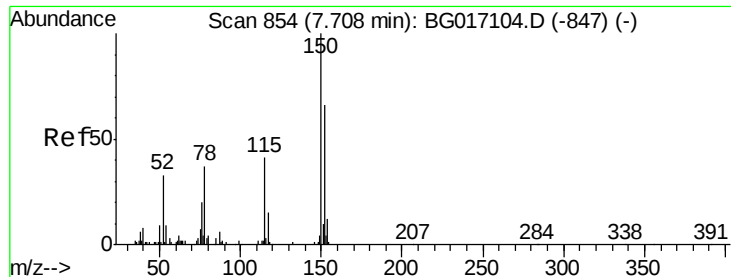
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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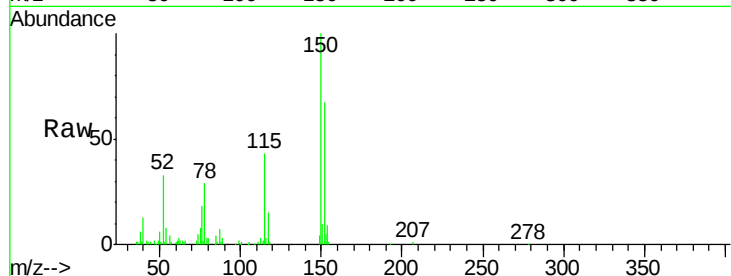


#1

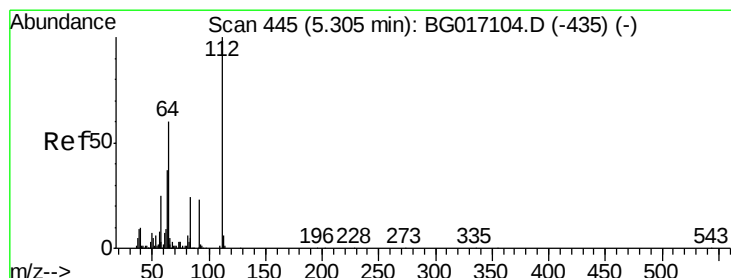
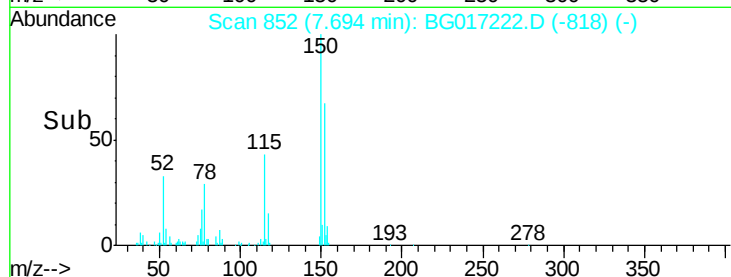
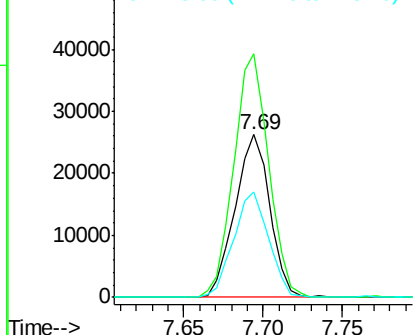
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG017222.D
Acq: 20 May 2015 19:30

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion:152 Resp: 39823
Ion Ratio Lower Upper
152 100
150 149.6 120.8 181.2
115 64.7 49.4 74.2



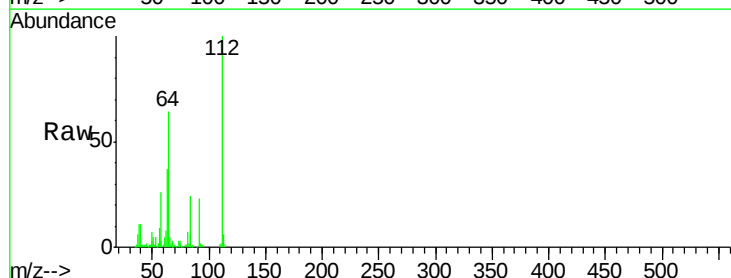
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



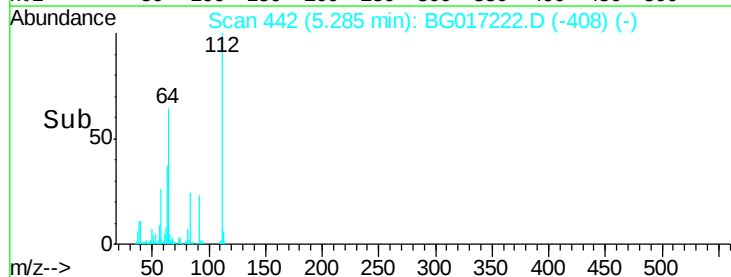
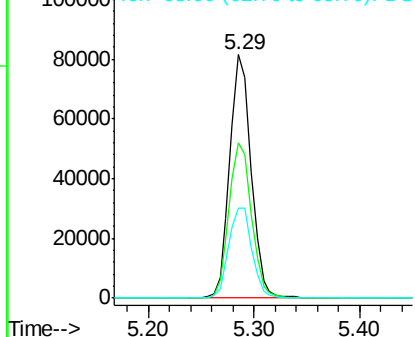
#5

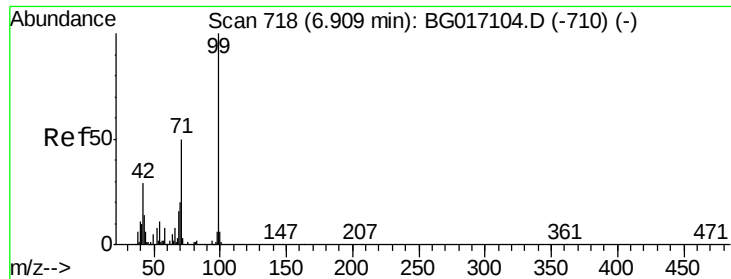
2-Fluorophenol
Concen: 50.78 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG017222.D
Acq: 20 May 2015 19:30

Tgt Ion:112 Resp: 113974
Ion Ratio Lower Upper
112 100
64 63.7 48.1 72.1
63 37.0 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 29.04 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG017222.D

Acq: 20 May 2015 19:30

Instrument :

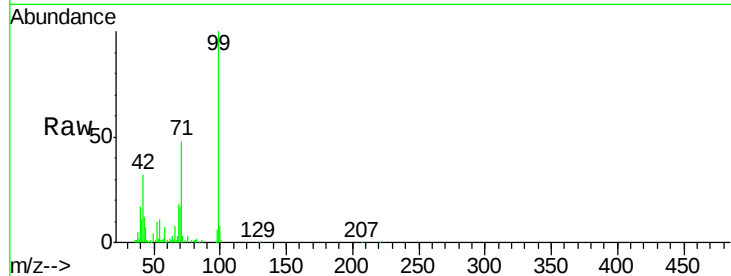
BNA_G

ClientSampleId :

MW-2

Tot Ion: 99 Resp: 91477

Ion	Ratio	Lower	Upper
99	100		
42	32.4	23.5	35.3
71	48.2	39.8	59.8

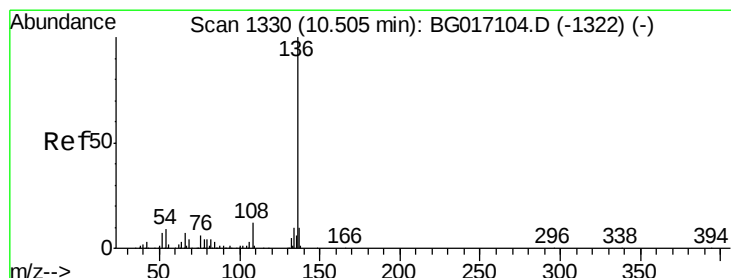
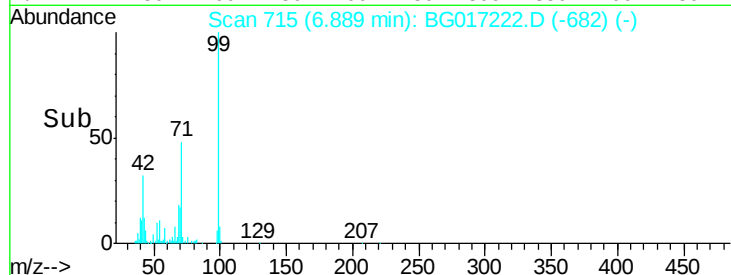
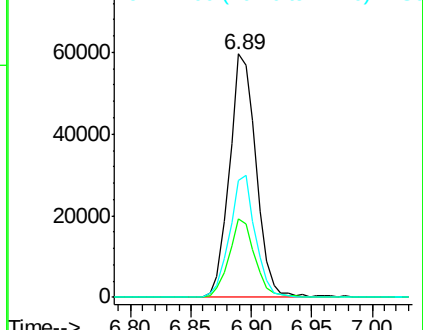


Abundance

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# 1328

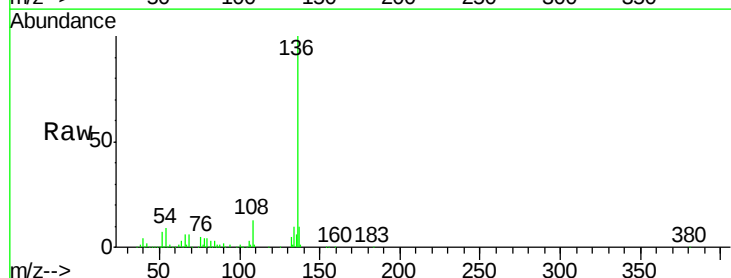
Delta R.T. 0.00 min

Lab File: BG017222.D

Acq: 20 May 2015 19:30

Tgt Ion: 136 Resp: 165035

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	9.0	7.4	11.2
68	5.5	3.6	5.4#



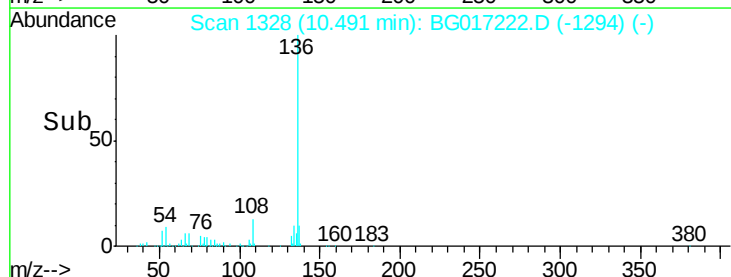
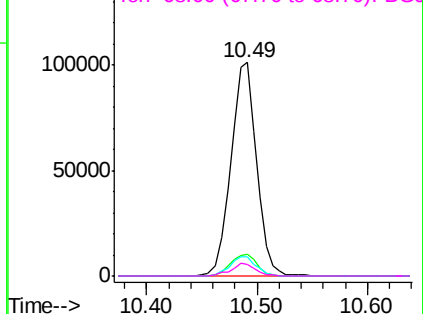
Abundance

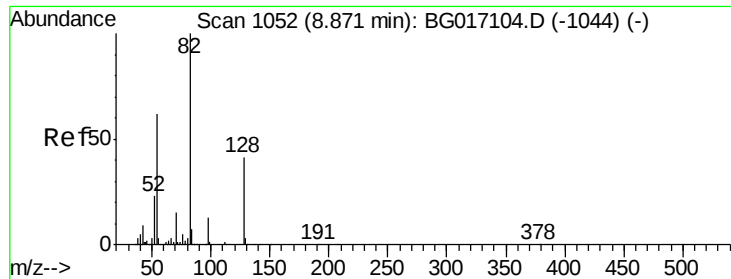
Ion 136.00 (135.70 to 136.70): BGC

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

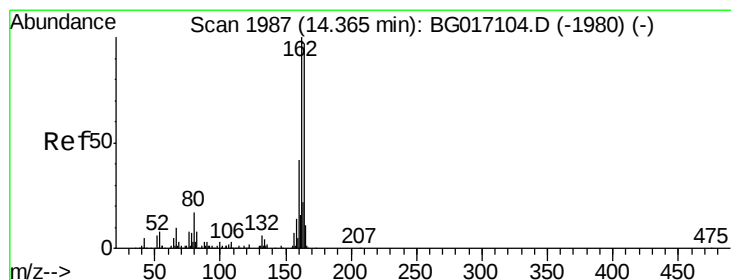
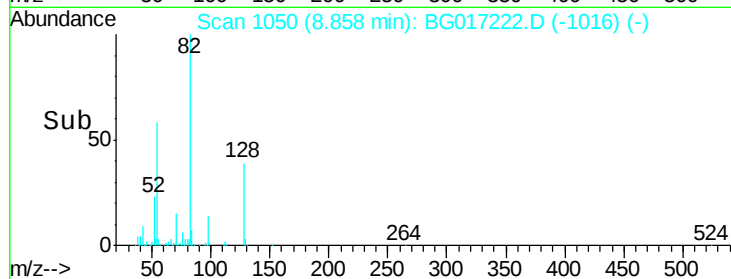
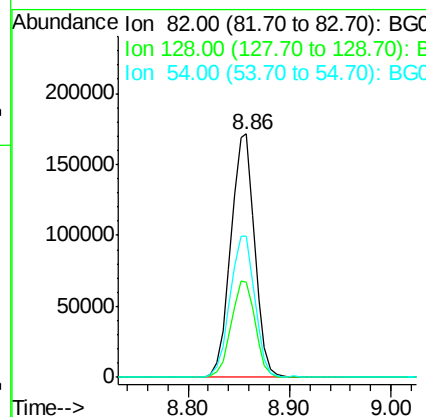
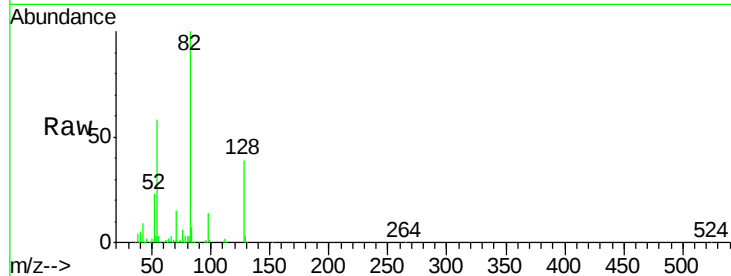




#23
 Nitrobenzene-d5
 Concen: 79.32 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG017222.D
 Acq: 20 May 2015 19:30

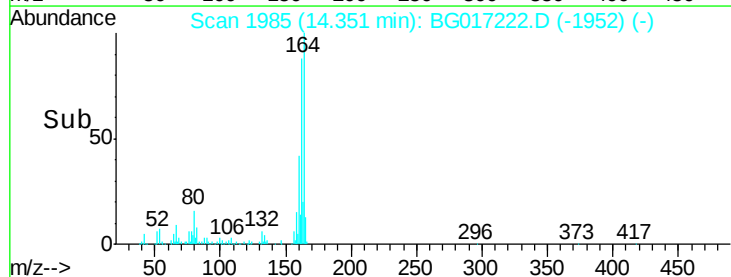
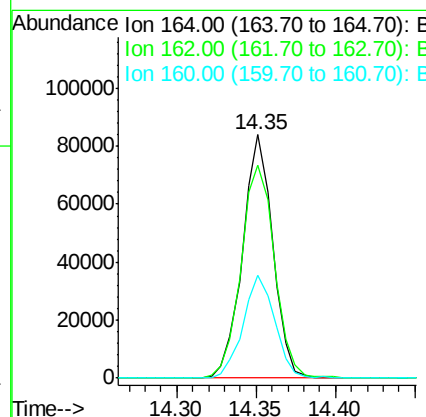
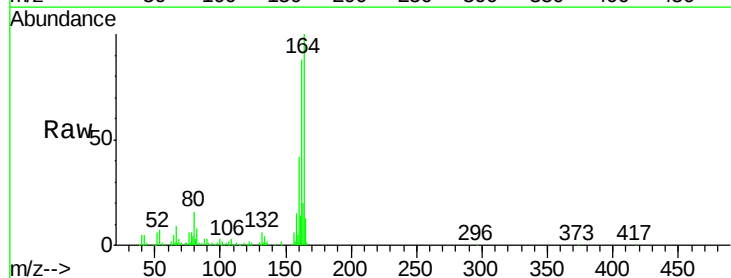
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

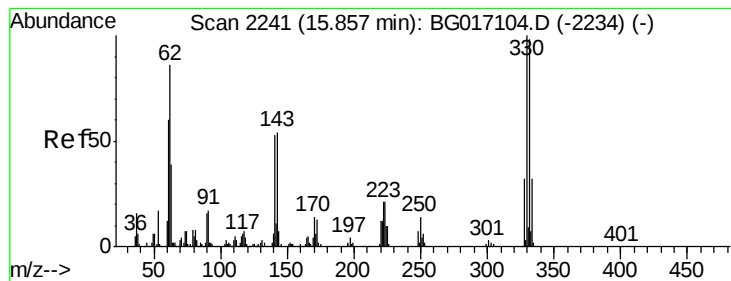
Tot Ion	82	Resp	280395
Ion Ratio	Lower	Upper	
82	100		
128	39.1	32.6	49.0
54	58.1	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: BG017222.D
 Acq: 20 May 2015 19:30

Tgt Ion	164	Resp	110818
Ion Ratio	Lower	Upper	
164	100		
162	87.6	82.1	123.1
160	42.3	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 145.71 ng

RT: 15.85 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BG017222.D

Acq: 20 May 2015 19:30

Instrument :

BNA_G

ClientSampleId :

MW-2

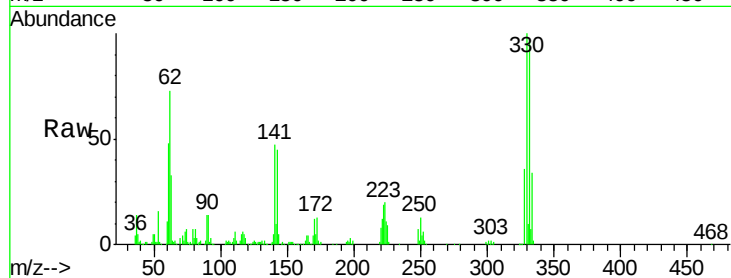
Tot Ion:330 Resp: 195196

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

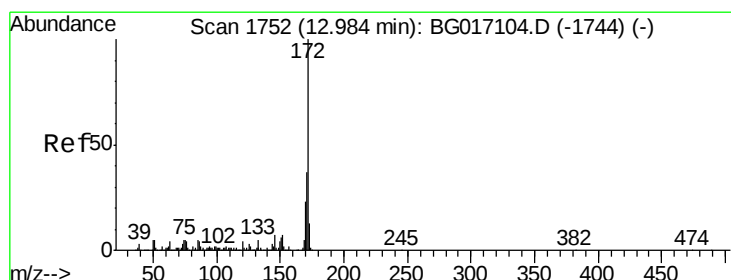
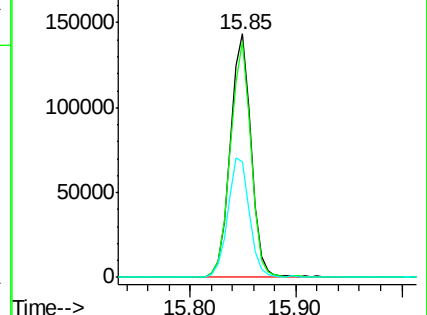
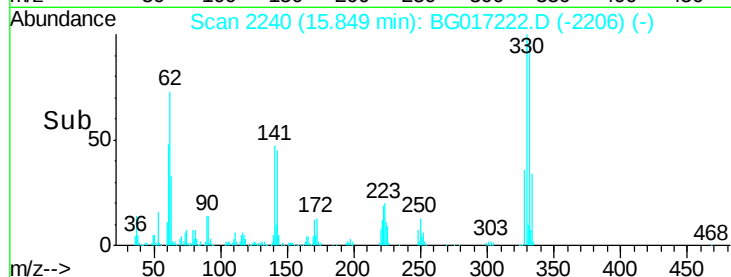
141 51.3 42.2 63.2



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: 79.28 ng

RT: 12.97 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BG017222.D

Acq: 20 May 2015 19:30

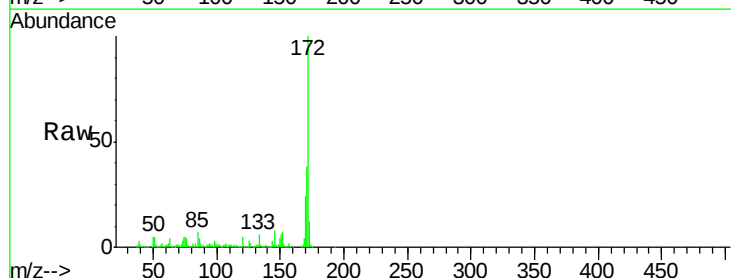
Tgt Ion:172 Resp: 598762

Ion Ratio Lower Upper

172 100

171 38.3 29.7 44.5

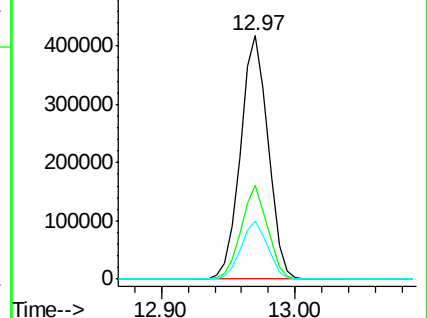
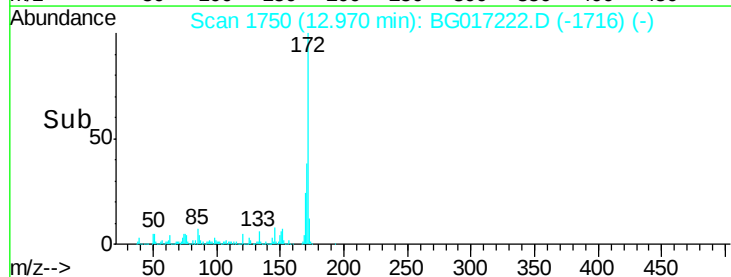
170 23.9 18.4 27.6

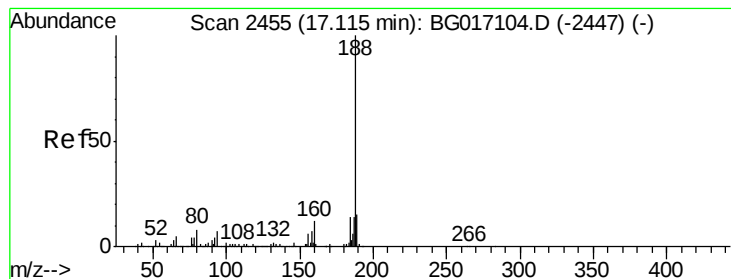


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.10 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG017222.D

Acq: 20 May 2015 19:30

Instrument :

BNA_G

ClientSampled :

MW-2

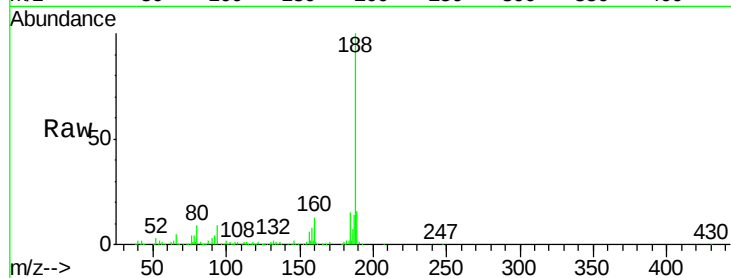
Tot Ion:188 Resp: 267151

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

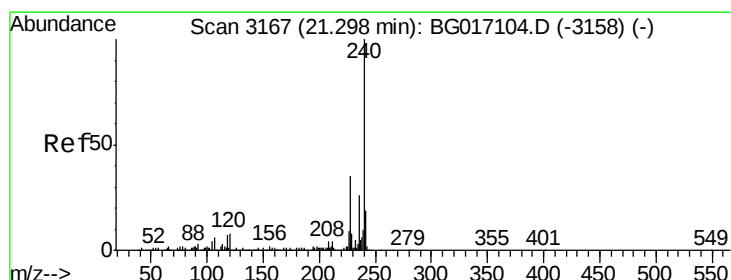
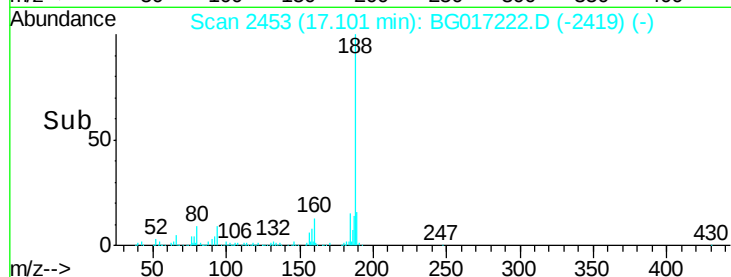
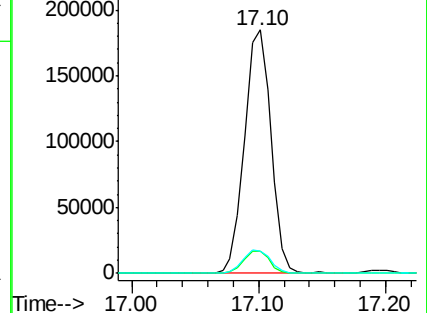
80 9.0 6.5 9.7



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: BG017222.D

Acq: 20 May 2015 19:30

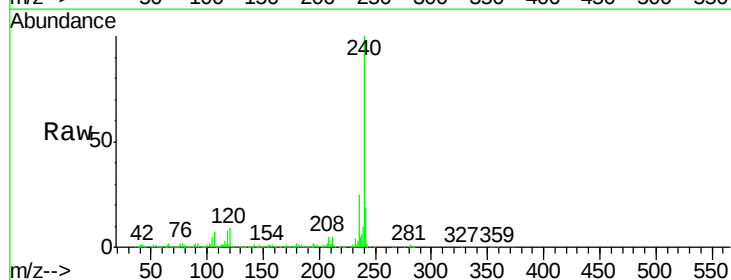
Tgt Ion:240 Resp: 292894

Ion Ratio Lower Upper

240 100

120 9.1 6.0 9.0#

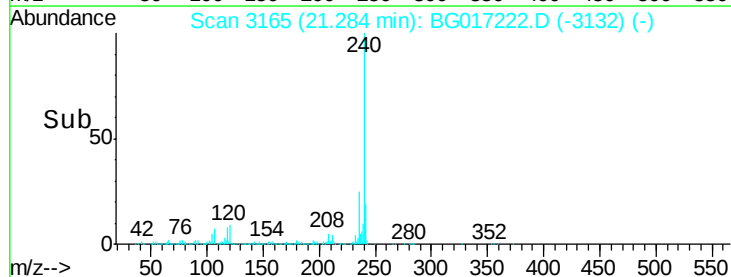
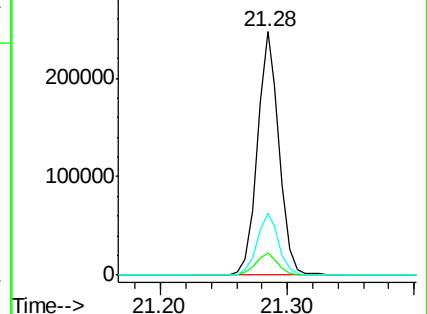
236 25.5 20.5 30.7

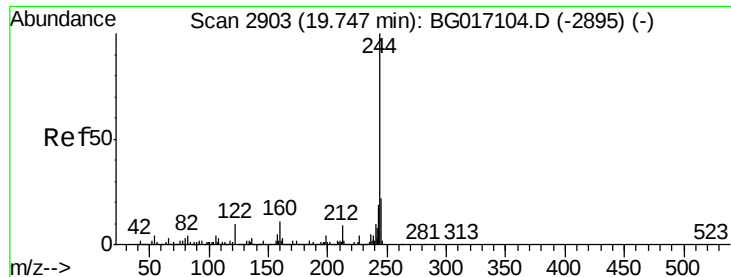


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.25 ng

RT: 19.73 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG017222.D

Acq: 20 May 2015 19:30

Instrument :

BNA_G

ClientSampleId :

MW-2

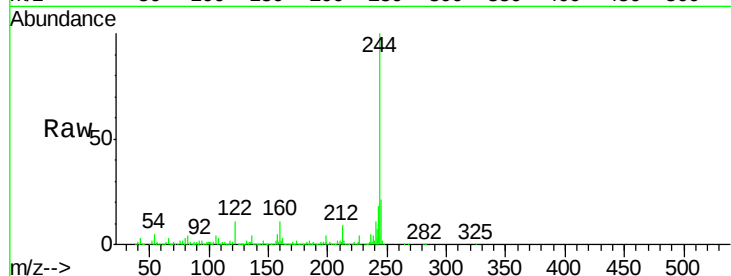
Tot Ion:244 Resp: 1029524

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

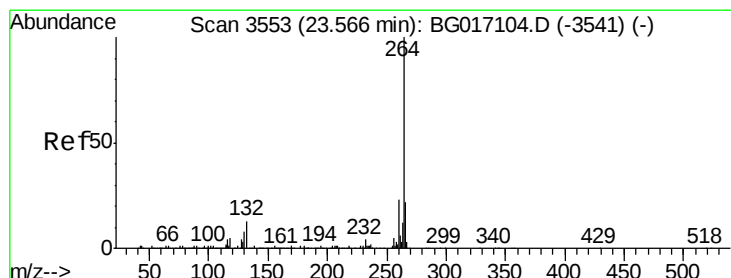
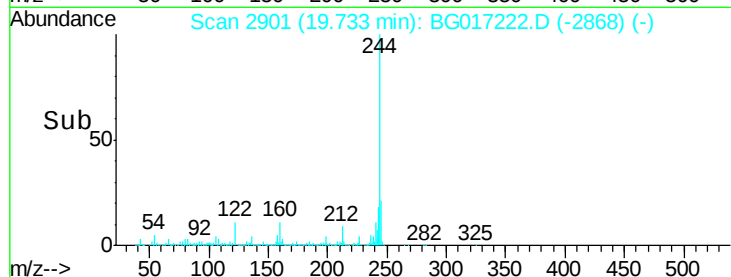
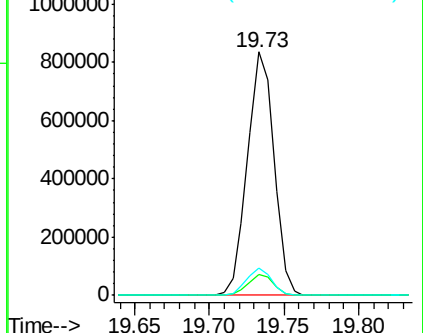
122 11.3 8.4 12.6



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# 3550

Delta R.T. -0.00 min

Lab File: BG017222.D

Acq: 20 May 2015 19:30

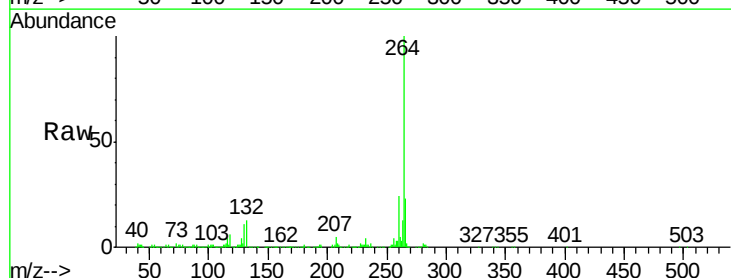
Tgt Ion:264 Resp: 293352

Ion Ratio Lower Upper

264 100

260 23.8 18.0 27.0

265 22.5 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

