

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 03:24:46 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

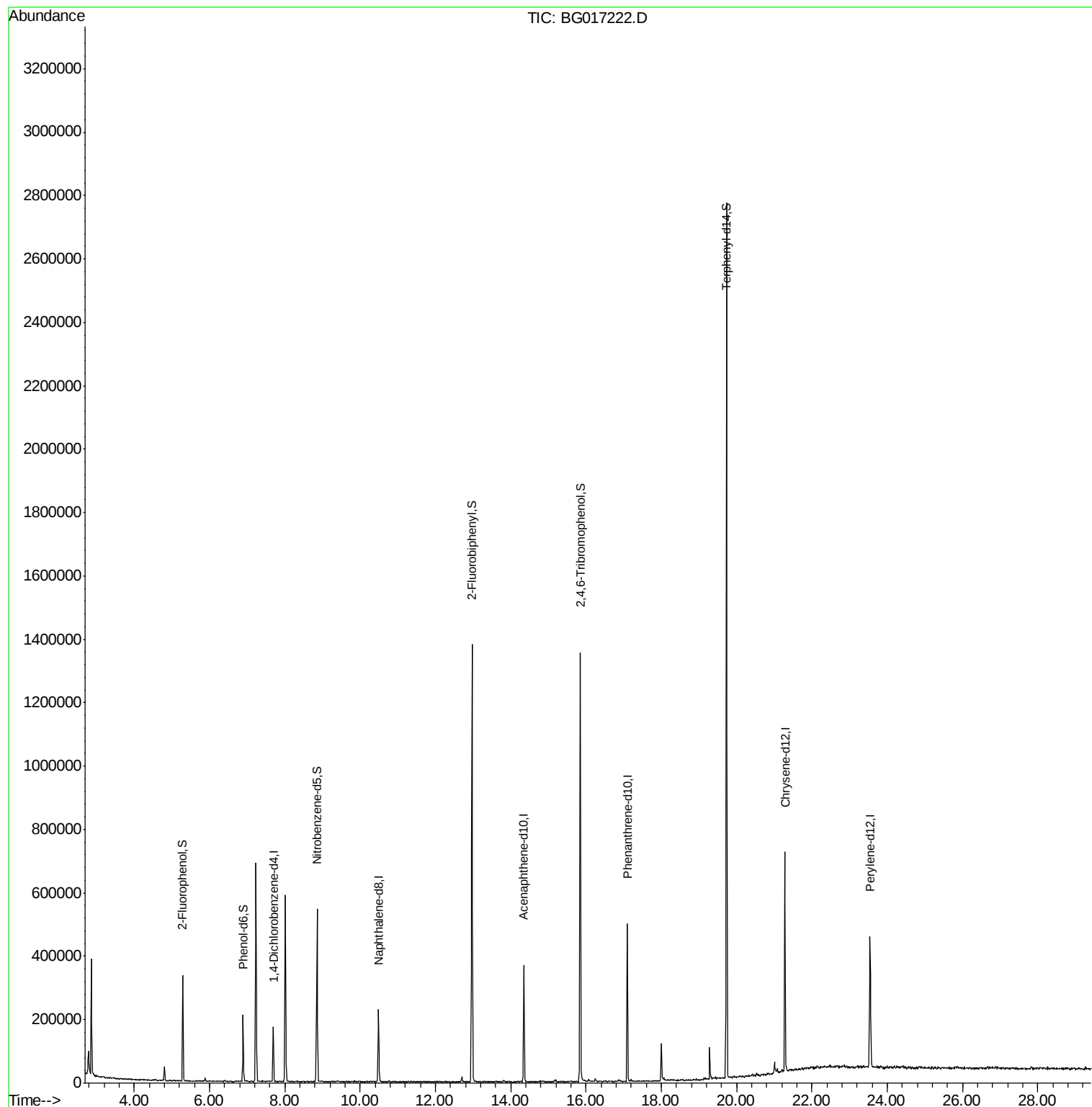
Target Compounds	Qvalue
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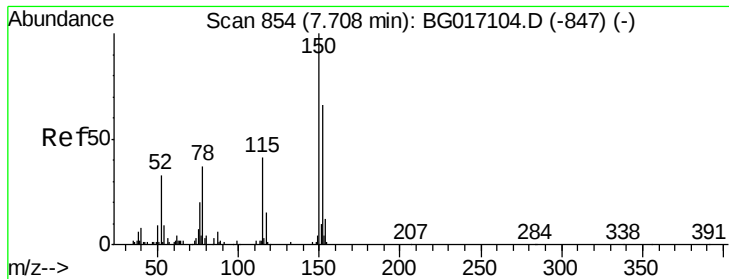
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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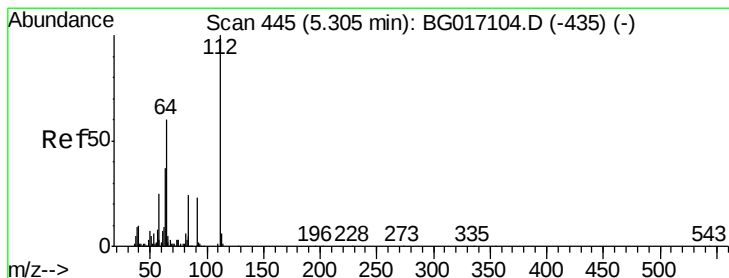
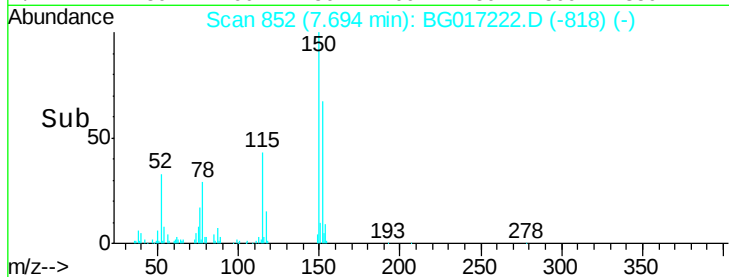
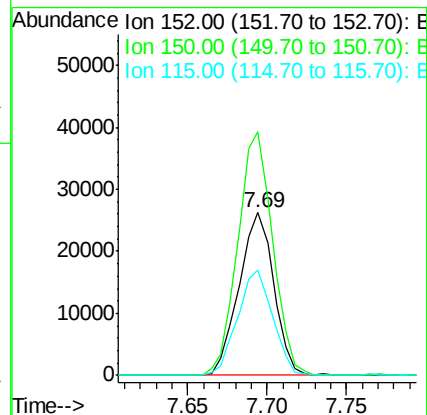
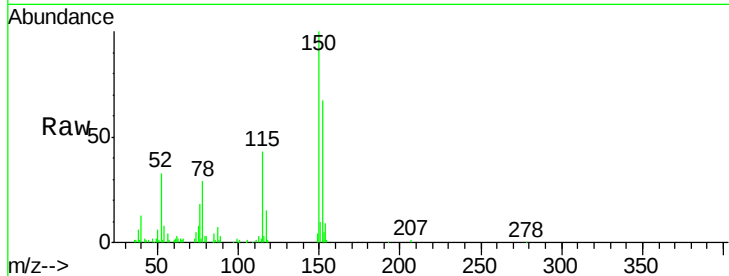


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 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

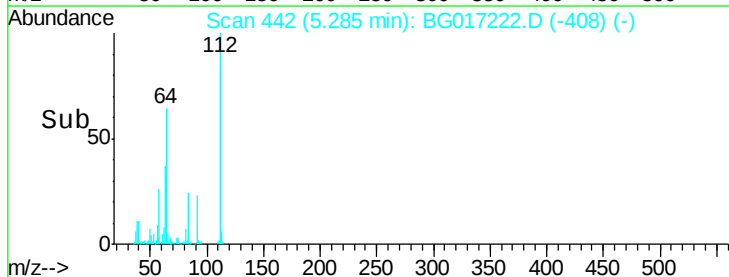
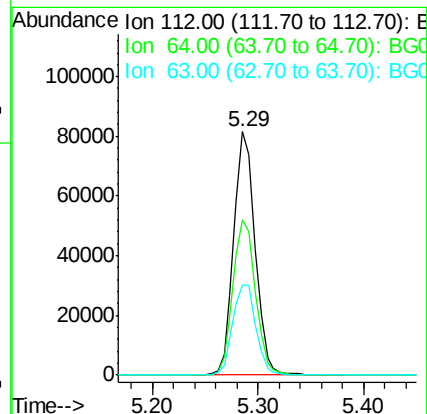
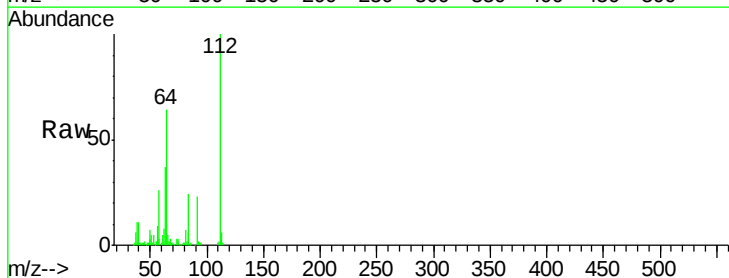
Tgt Ion:152 Resp: 39823
Ion Ratio Lower Upper
152 100
150 149.6 120.8 181.2
115 64.7 49.4 74.2

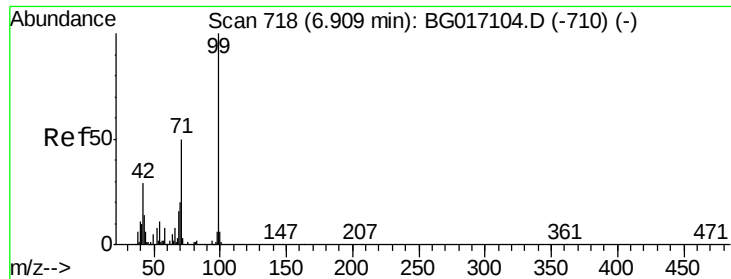


#5

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





#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

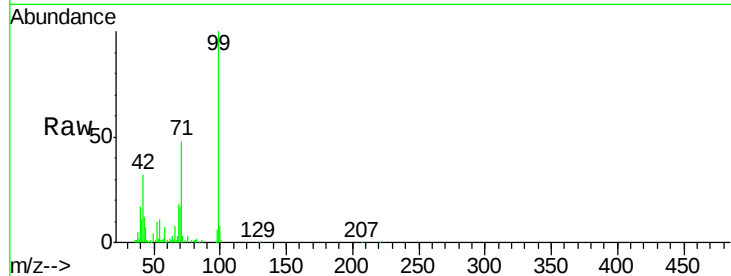
Tgt Ion: 99 Resp: 91477

Ion Ratio Lower Upper

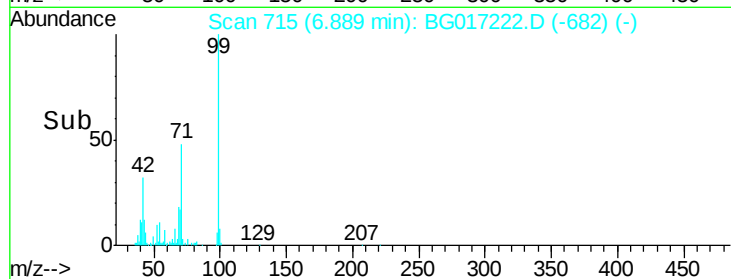
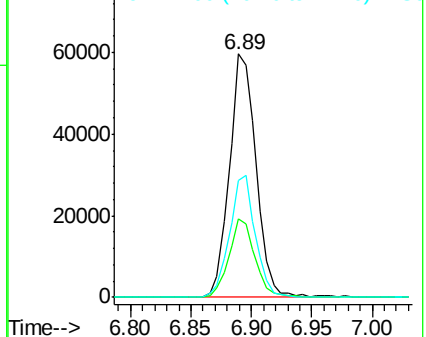
99 100

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

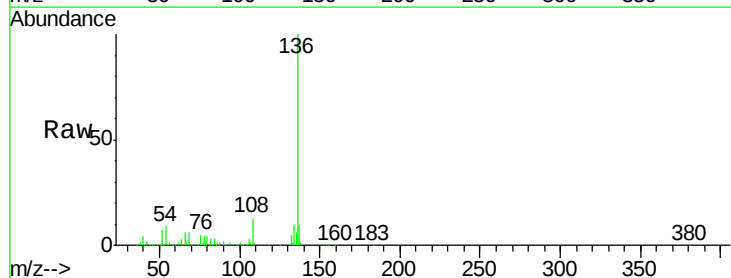
Ion Ratio Lower Upper

136 100

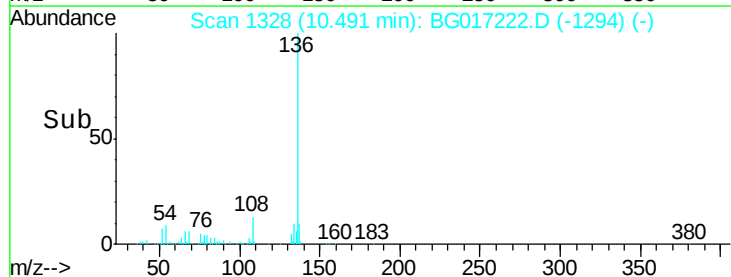
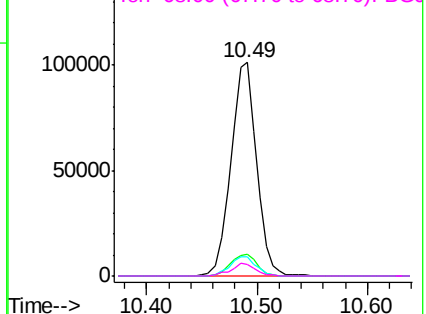
137 10.2 8.3 12.5

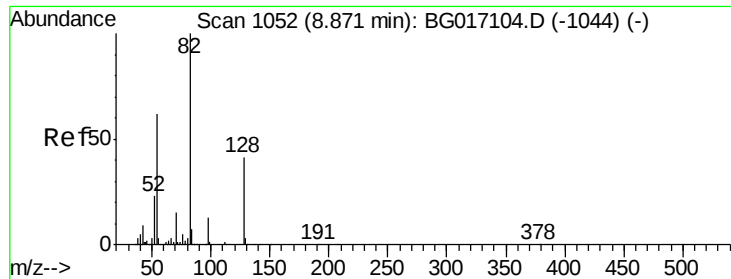
54 9.0 7.4 11.2

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

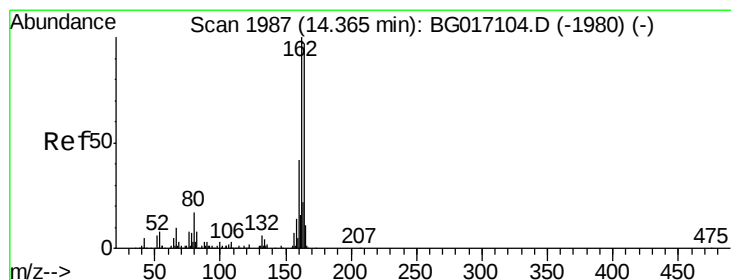
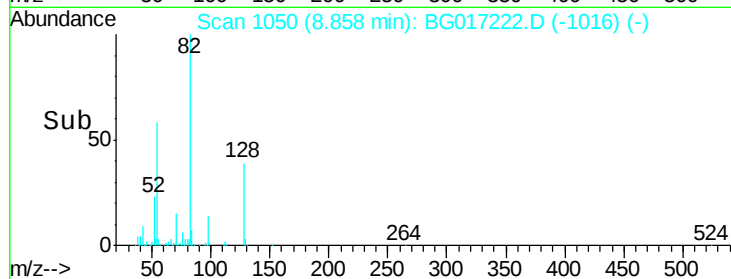
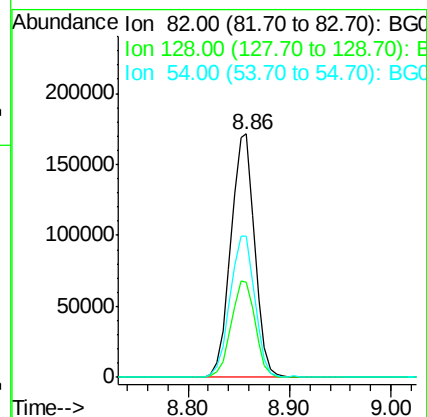
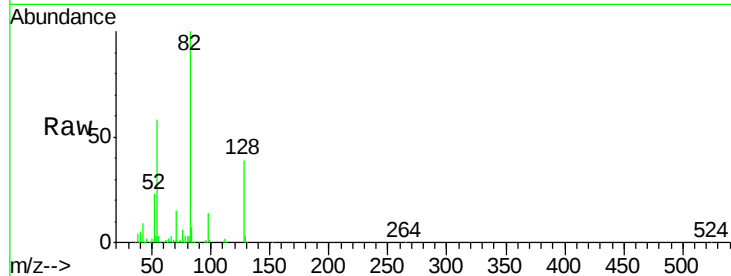




#23
 Nitrobenzene-d5
 Concen: 79.32 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG017222.D
 Acq: 20 May 2015 19:30

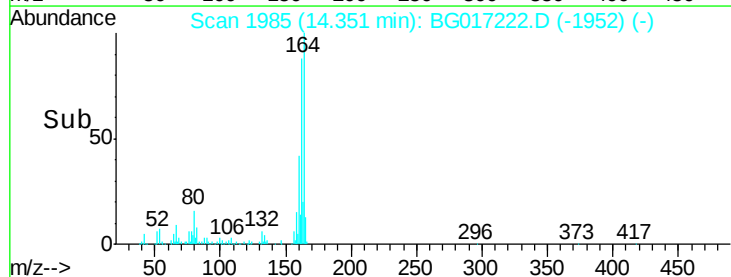
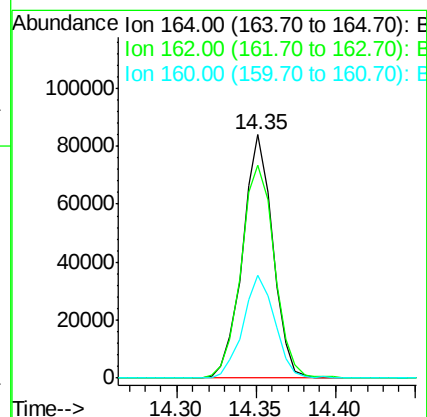
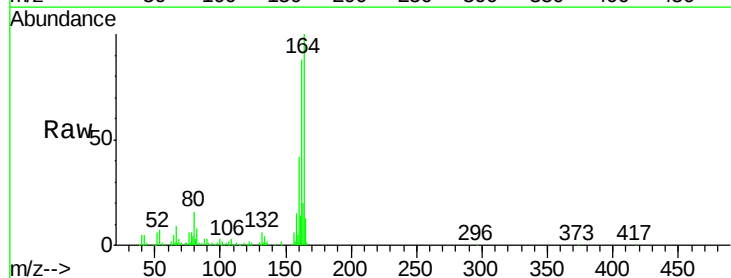
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

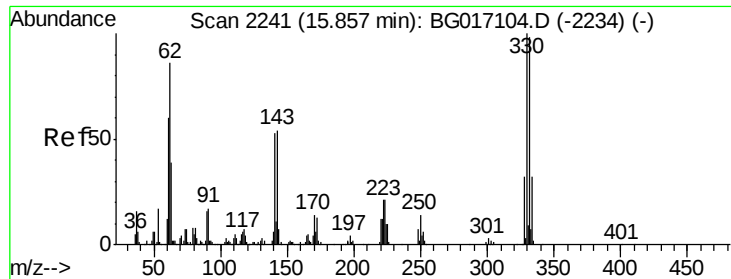
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.6	49.0
54	58.1	49.6	74.4



#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	Ratio	Lower	Upper
164	100		
162	87.6	82.1	123.1
160	42.3	34.8	52.2

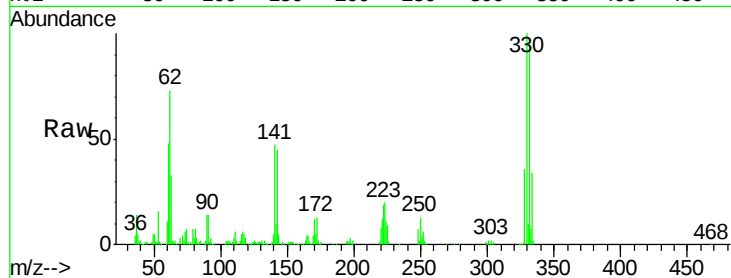




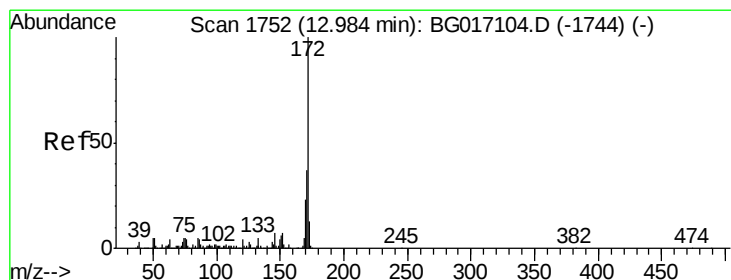
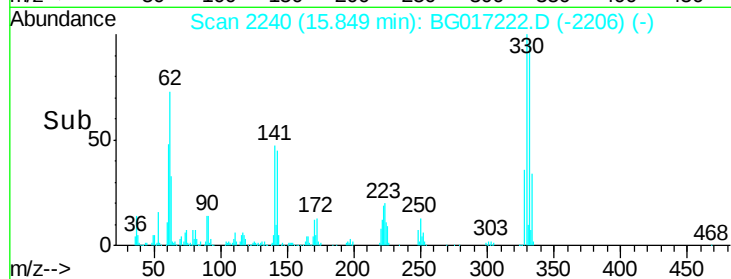
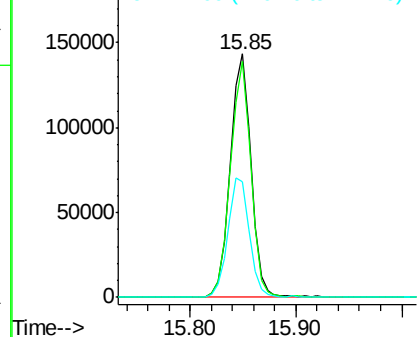
#41
 2,4,6-Tribromophenol
 Concen: 145.71 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BG017222.D
 Acq: 20 May 2015 19:30

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Tgt Ion:	330	Resp:	195196
Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	51.3	42.2	63.2

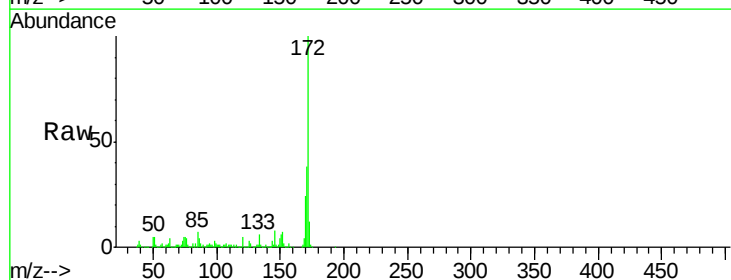


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

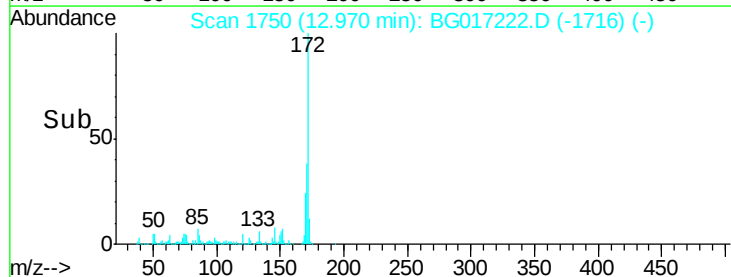
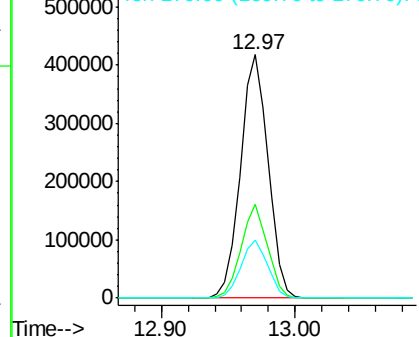


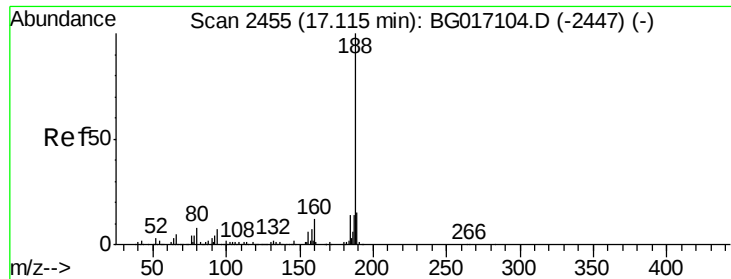
#44
 2-Fluorobiphenyl
 Concen: 79.28 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BG017222.D
 Acq: 20 May 2015 19:30

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

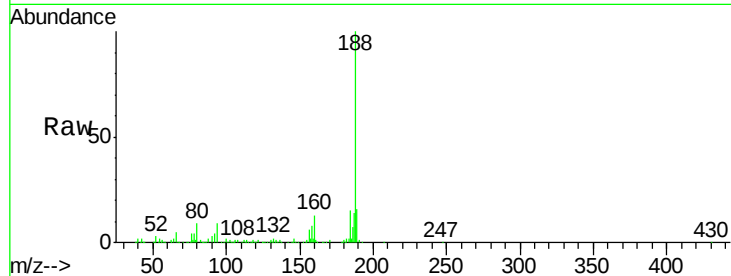




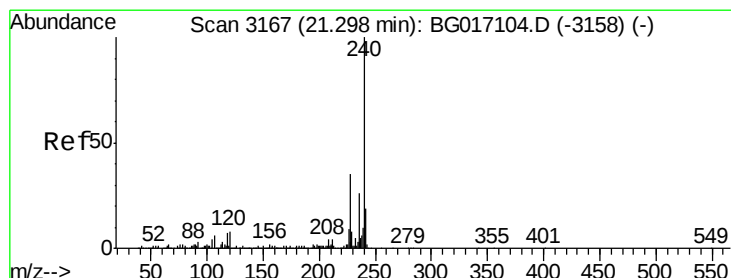
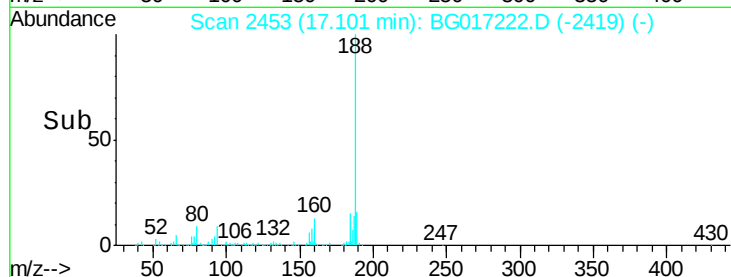
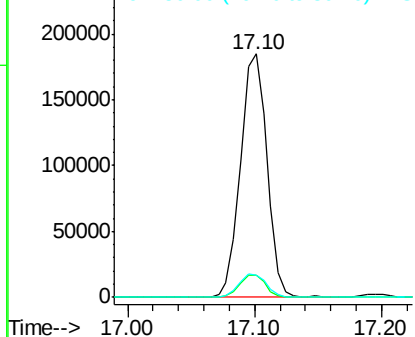
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG017222.D
Acq: 20 May 2015 19:30

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.8	8.6#
80	9.0	6.5	9.7

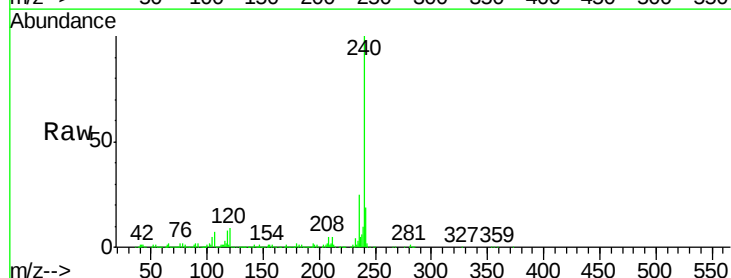


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

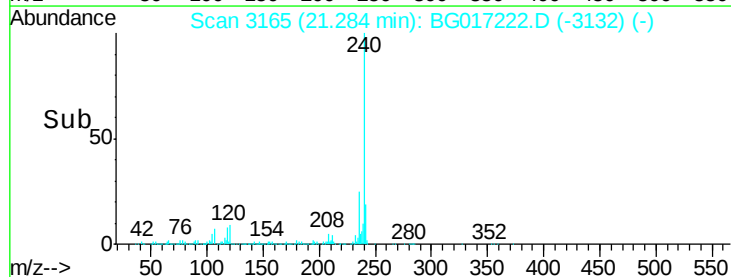
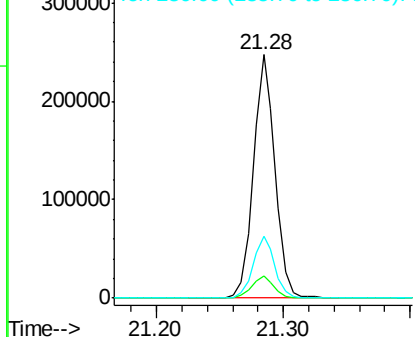


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG017222.D
Acq: 20 May 2015 19:30

Tgt Ion	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

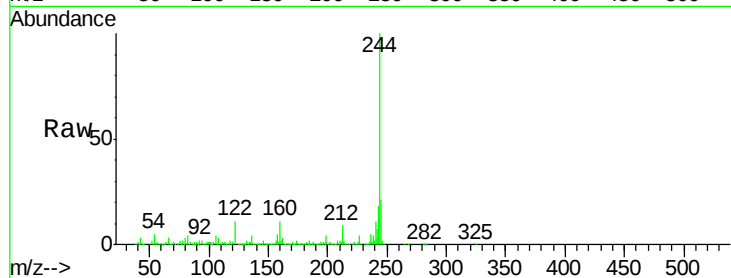
Tgt Ion:244 Resp: 1029524

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

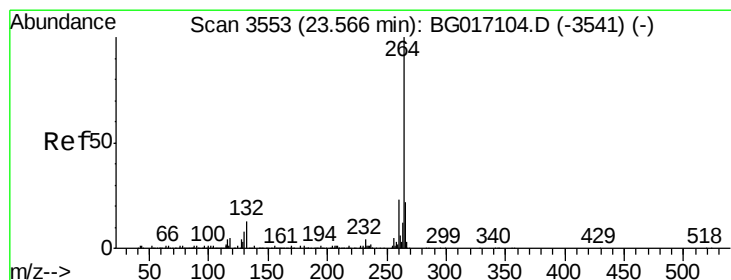
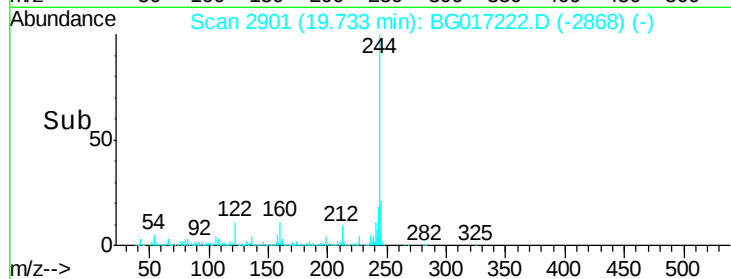
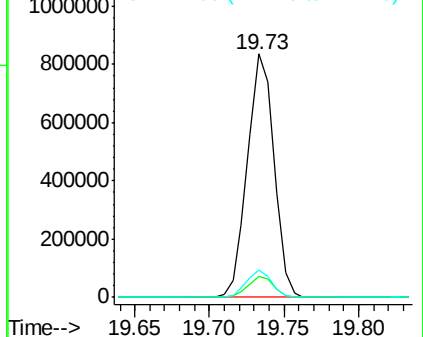
122 11.3 8.4 12.6



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

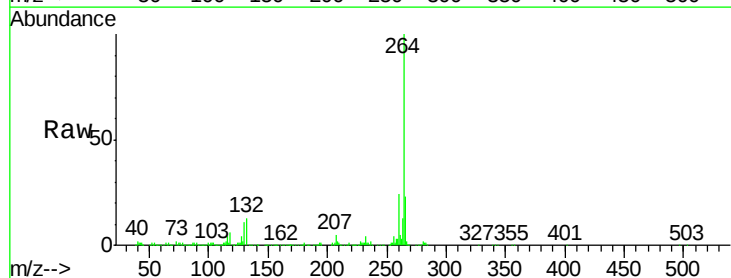
Tgt Ion:264 Resp: 293352

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

