

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028687.D
 Acq On : 13 Sep 2017 2:25
 Operator : SJ/JU
 Sample : I5189-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03-090817

Quant Time: Sep 13 04:10:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	28276	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	118653	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	85621	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	250465	20.00	ng	0.00
75) Chrysene-d12	22.02	240	271049	20.00	ng	0.00
86) Perylene-d12	25.53	264	280644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	126113	73.59	ng	0.00
7) Phenol-d6	7.48	99	103149	39.98	ng	0.00
23) Nitrobenzene-d5	9.50	82	251870	101.55	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	248314	175.35	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	660808	102.91	ng	0.00
78) Terphenyl-d14	20.28	244	1310576	103.11	ng	0.00

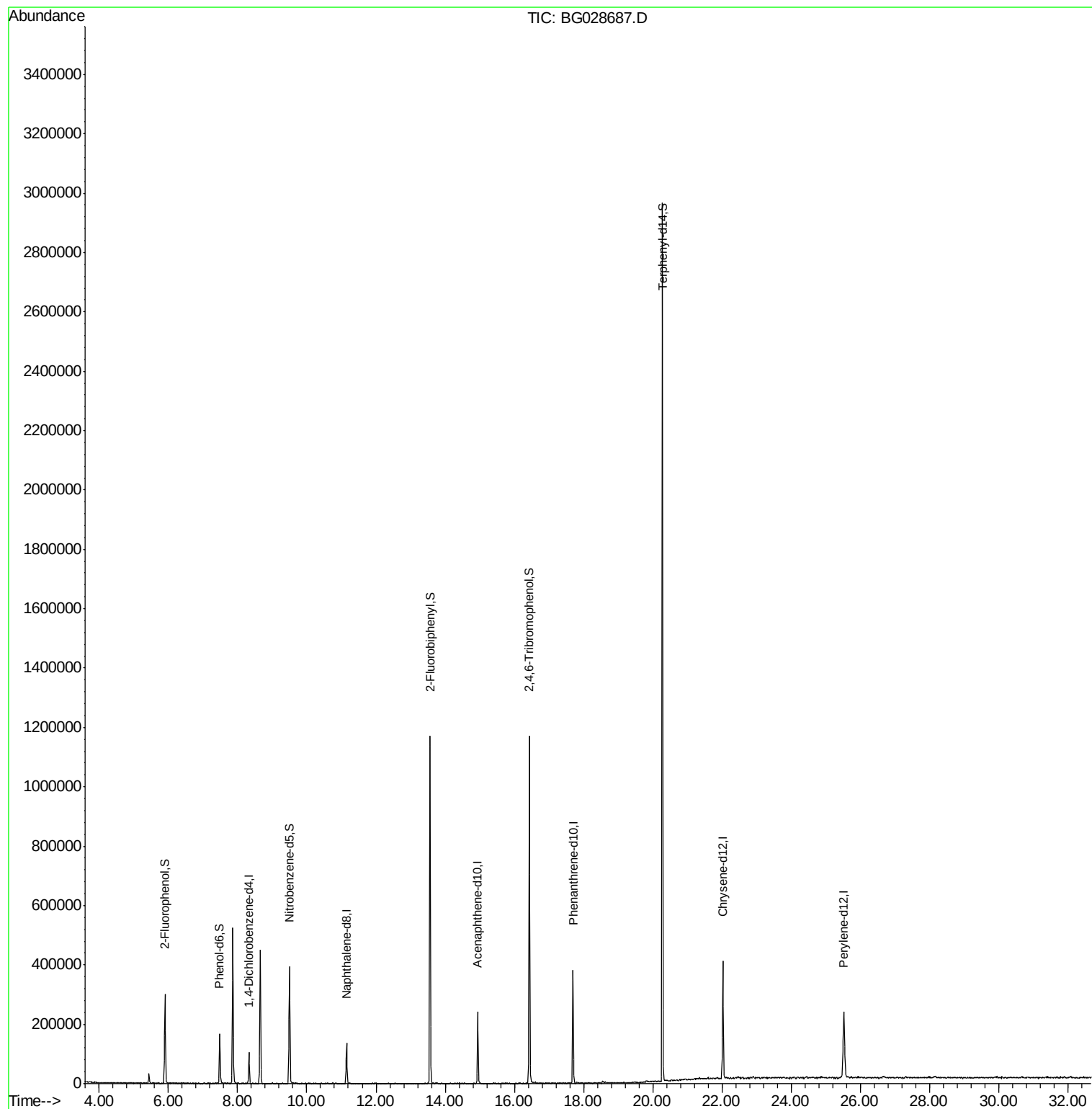
Target Compounds Qvalue

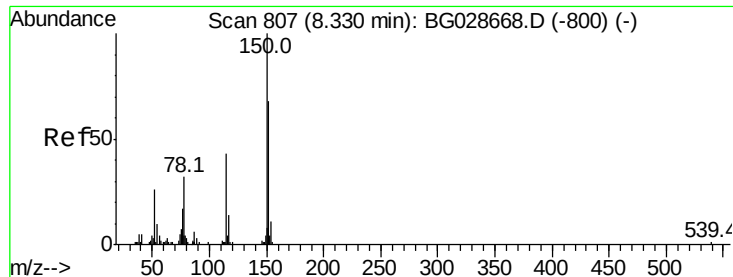
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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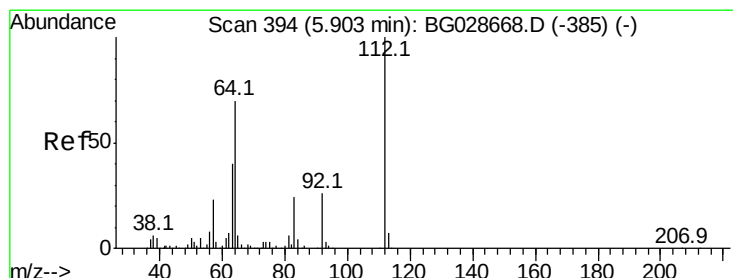
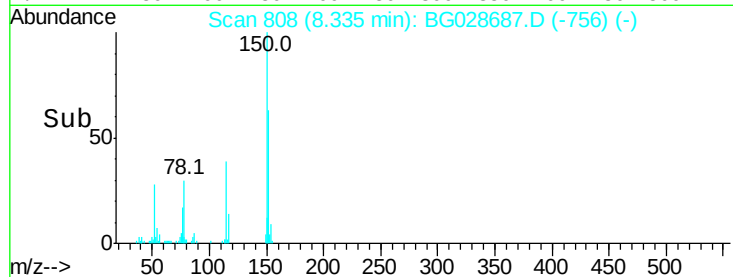
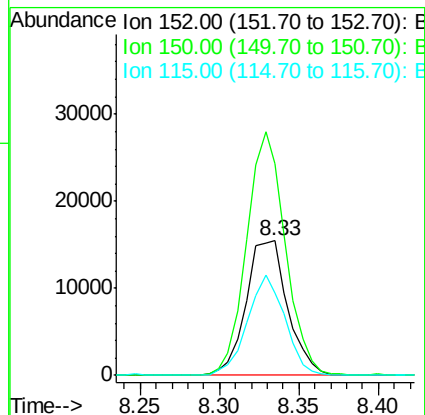
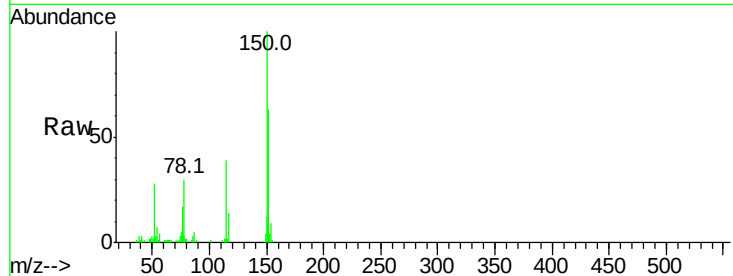


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817

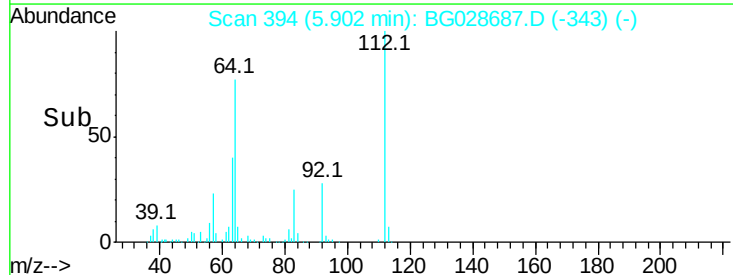
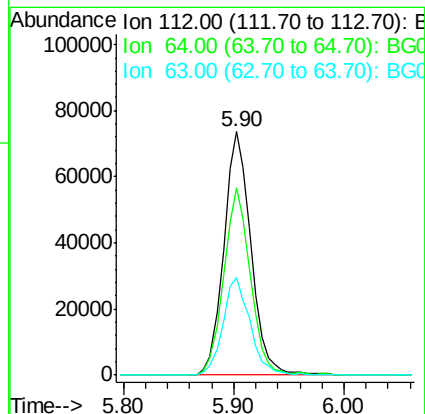
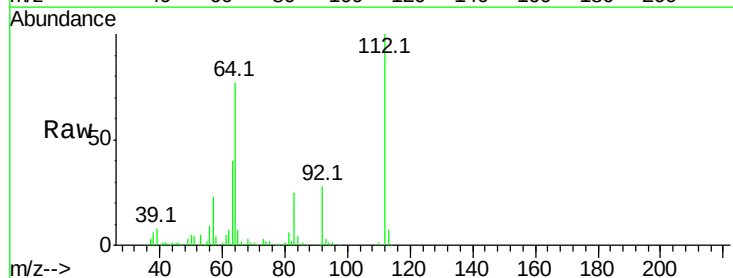
Tot Ion:152 Resp: 28276
Ion Ratio Lower Upper
152 100
150 157.5 114.0 171.0
115 61.0 48.1 72.1

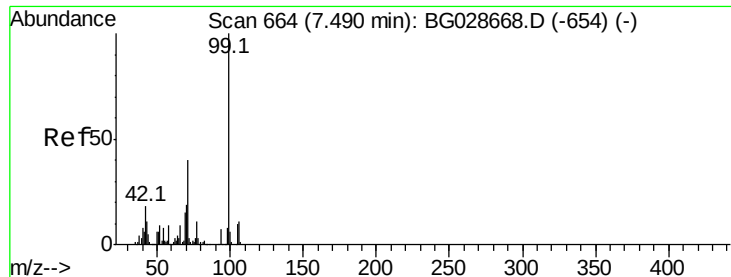


#5

2-Fluorophenol
Concen: 73.593 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028687.D
Acq: 13 Sep 2017 2:25

Tgt Ion:112 Resp: 126113
Ion Ratio Lower Upper
112 100
64 76.9 61.8 92.6
63 40.2 37.2 55.8





#7

Phenol-d6

Concen: 39.979 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817

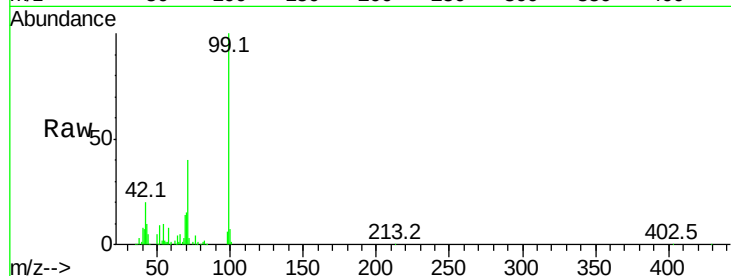
Tot Ion: 99 Resp: 103149

Ion Ratio Lower Upper

99 100

42 20.3 20.5 30.7#

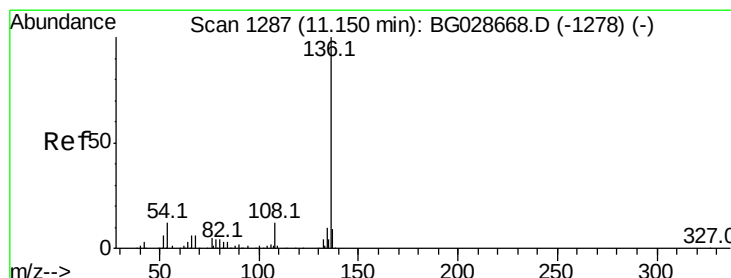
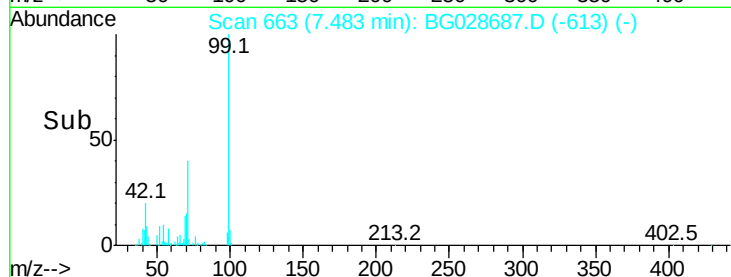
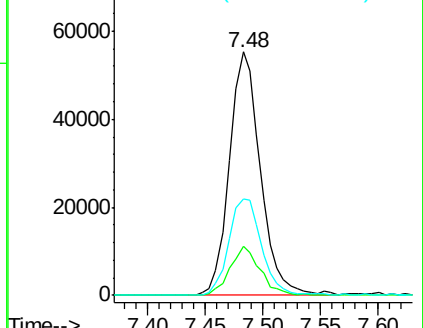
71 39.6 37.6 56.4



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: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Tgt Ion: 136 Resp: 118653

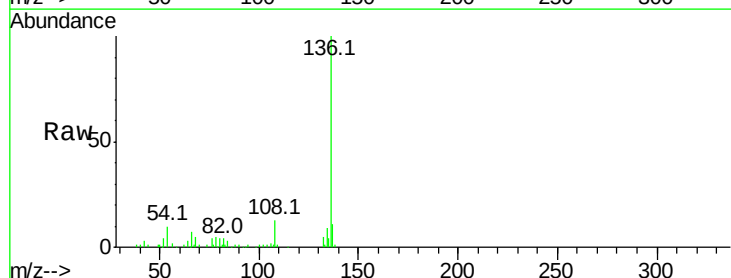
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.2 9.3 13.9

68 4.9 5.1 7.7#

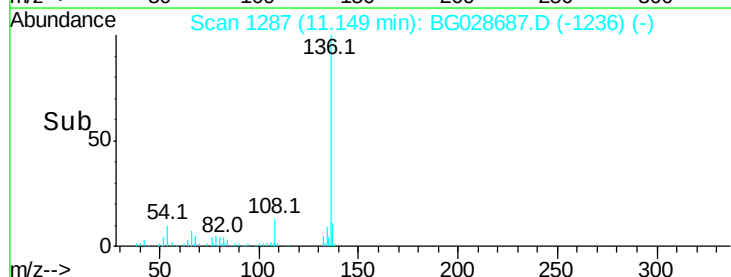
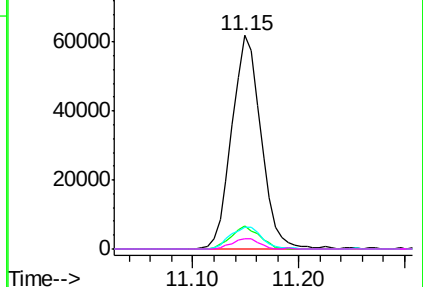


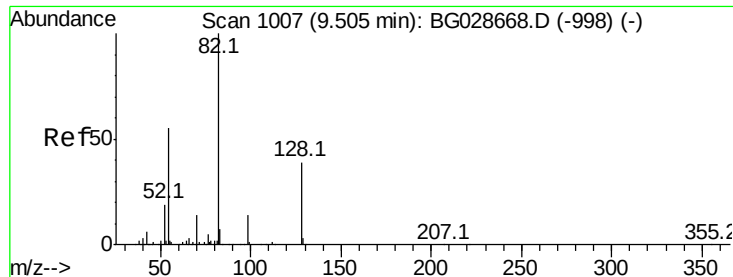
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

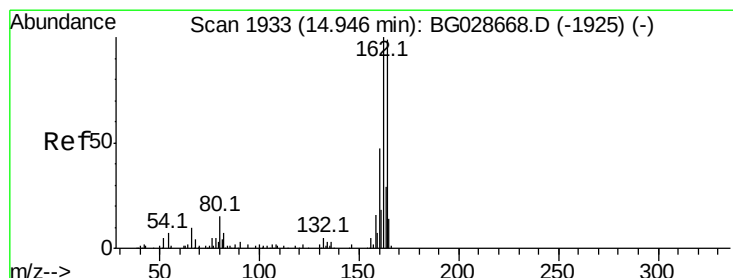
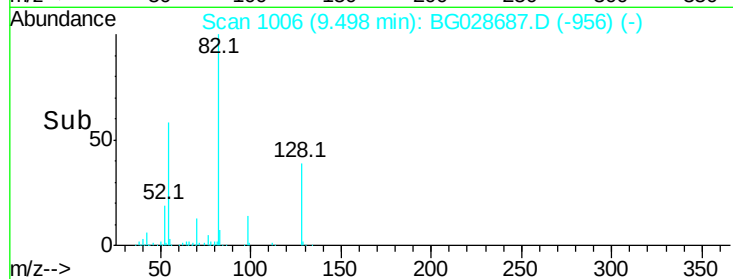
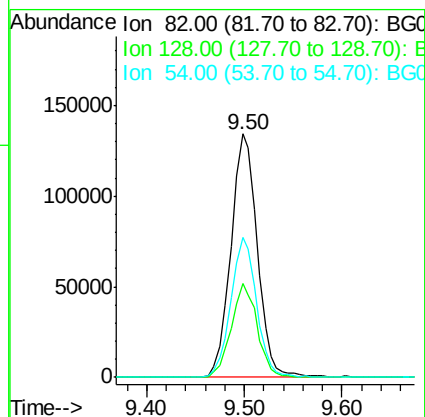
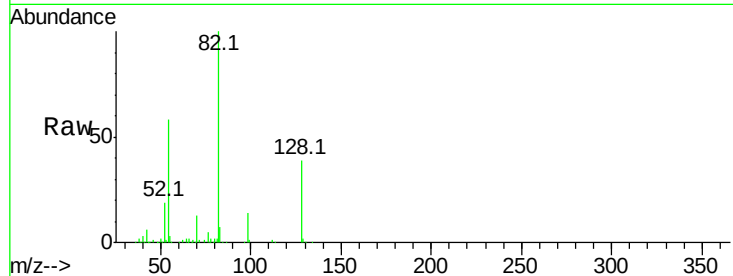




#23
 Nitrobenzene-d5
 Concen: 101.547 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

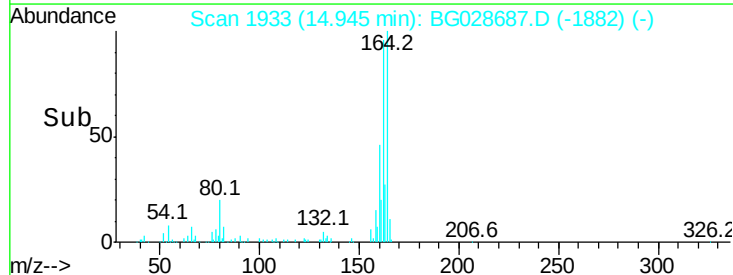
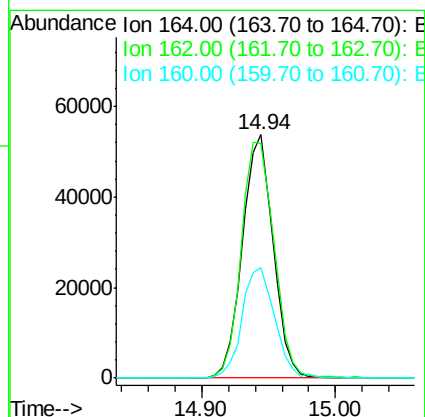
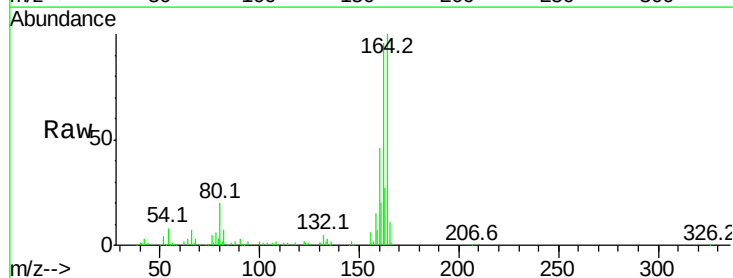
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03-090817

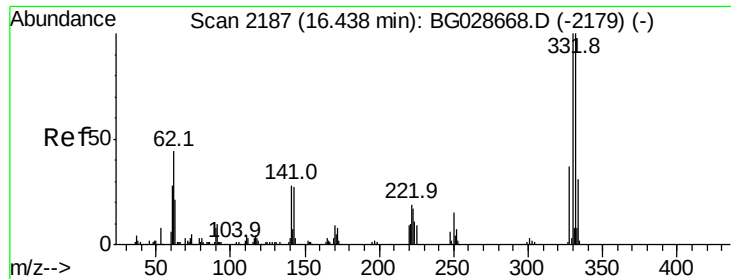
Tot Ion: 82 Resp: 251870
 Ion Ratio Lower Upper
 82 100
 128 38.7 26.4 39.6
 54 57.7 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

Tgt Ion: 164 Resp: 85621
 Ion Ratio Lower Upper
 164 100
 162 96.3 85.1 127.7
 160 45.6 34.7 52.1

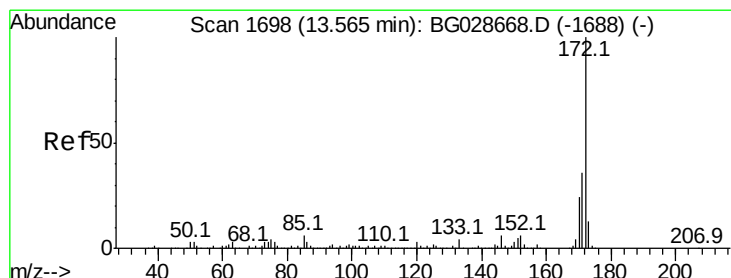
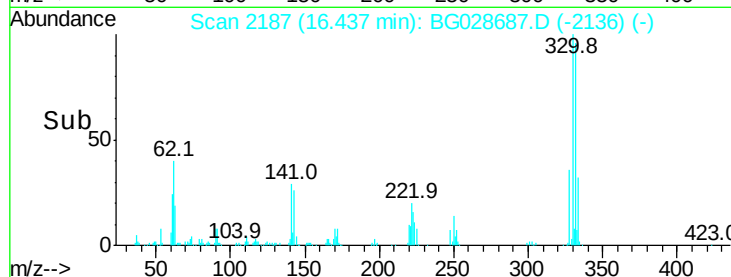
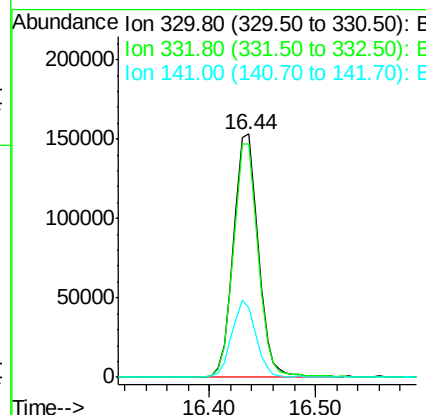
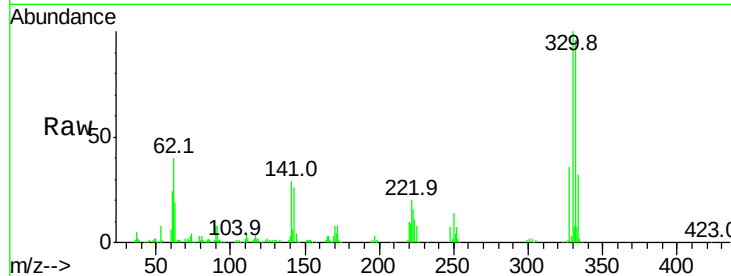




#41
 2,4,6-Tribromophenol
 Concen: 175.348 ng
 RT: 16.44 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

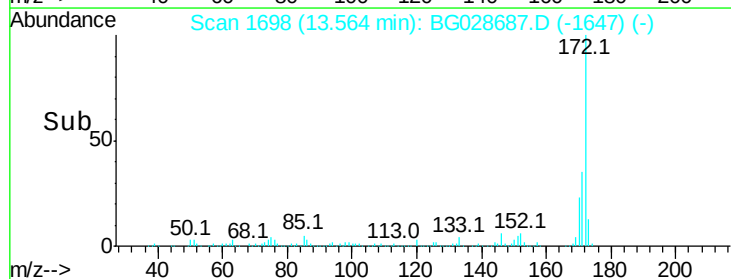
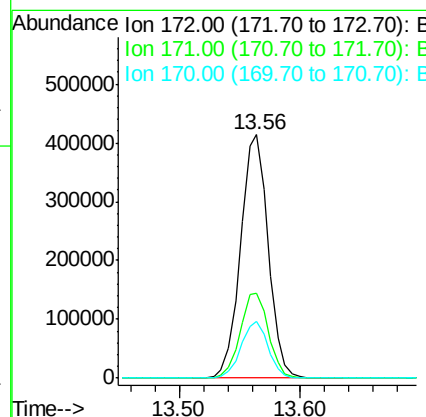
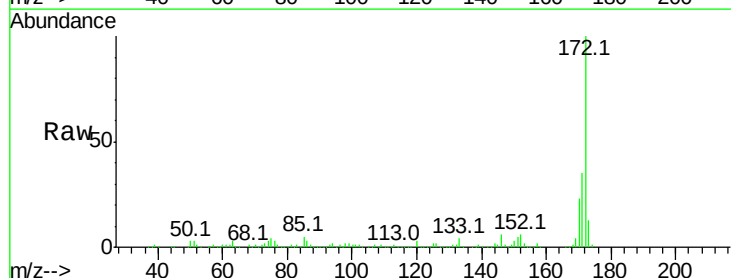
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03-090817

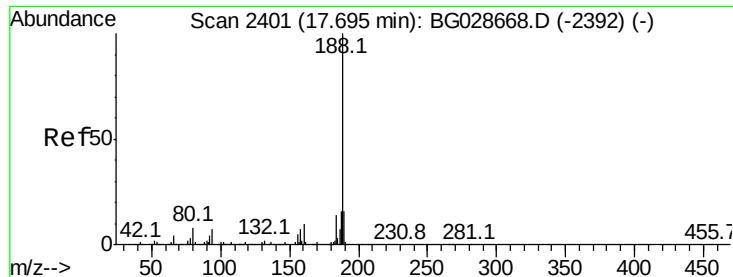
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	31.1	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 102.911 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028687.D
 Acq: 13 Sep 2017 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	32.2	48.2
170	23.1	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817

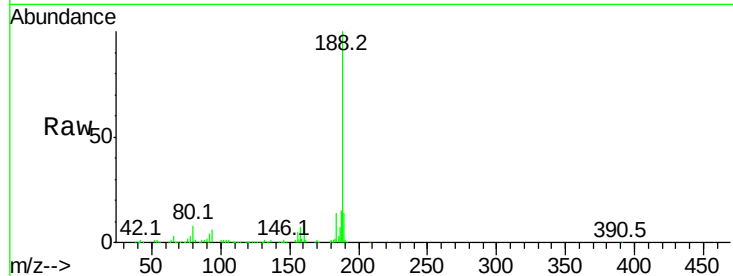
Tot Ion:188 Resp: 250465

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

80 7.6 7.5 11.3



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

17.69

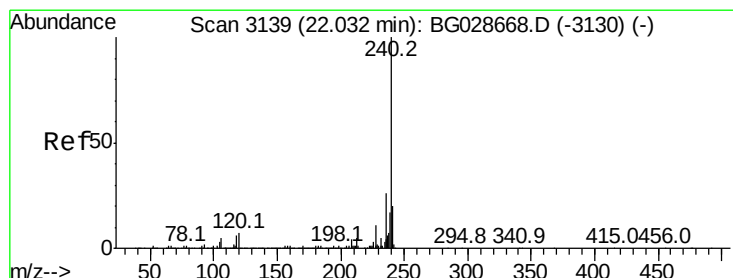
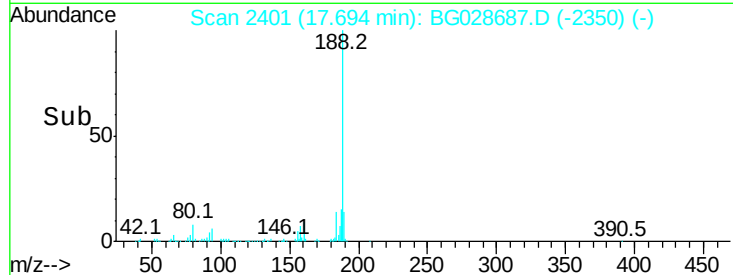
150000

100000

50000

0

Time--> 17.60 17.70



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

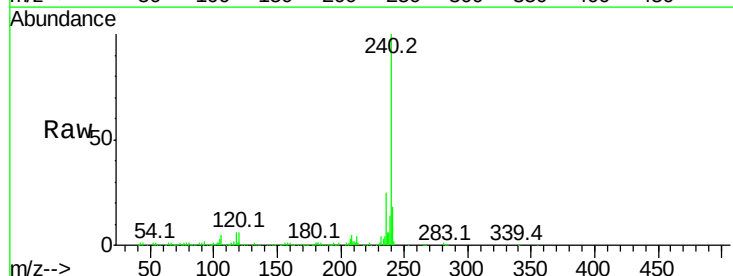
Tgt Ion:240 Resp: 271049

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

236 25.4 22.2 33.4



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

22.02

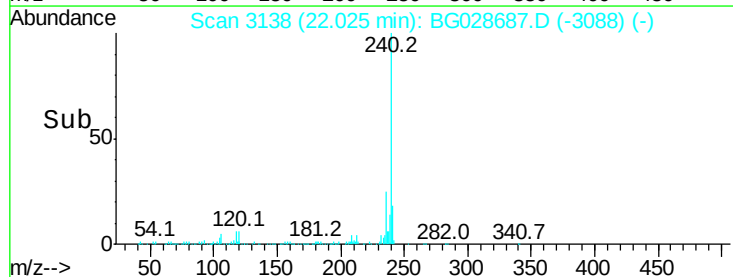
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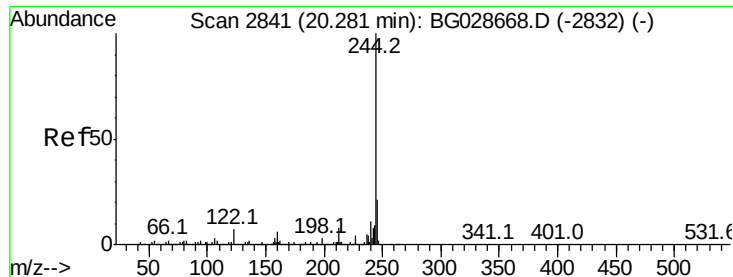
100000

50000

0

Time--> 22.00 22.10





#78

Terphenyl-d14

Concen: 103.114 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Instrument :

BNA_G

ClientSampleId :

PR-MW-03-090817

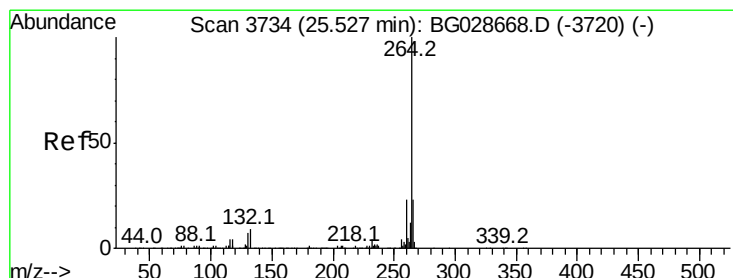
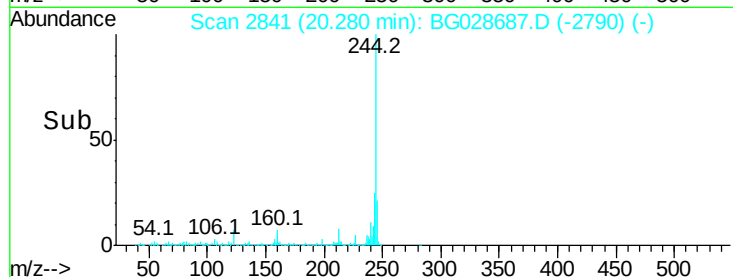
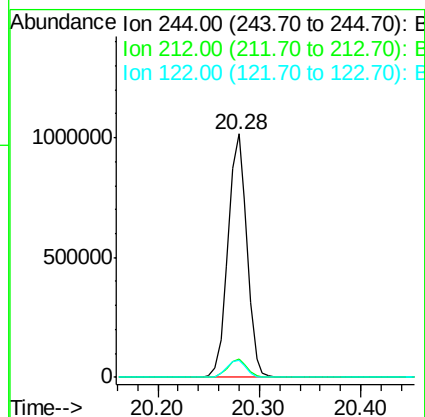
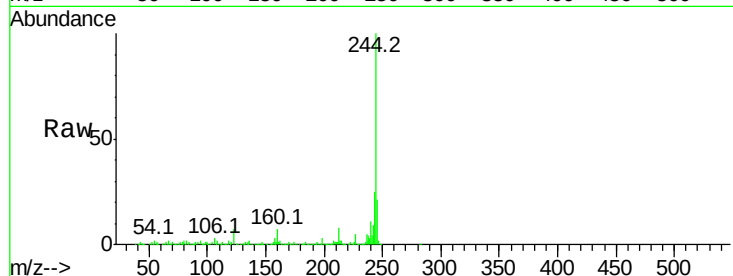
Tot Ion:244 Resp: 1310576

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

122 7.0 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BG028687.D

Acq: 13 Sep 2017 2:25

Tgt Ion:264 Resp: 280644

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 20.7 18.2 27.4

