

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028803.D
 Acq On : 18 Sep 2017 20:19
 Operator : SJ/JU
 Sample : I5259-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170601-COMP-B

Quant Time: Sep 19 03:57:01 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

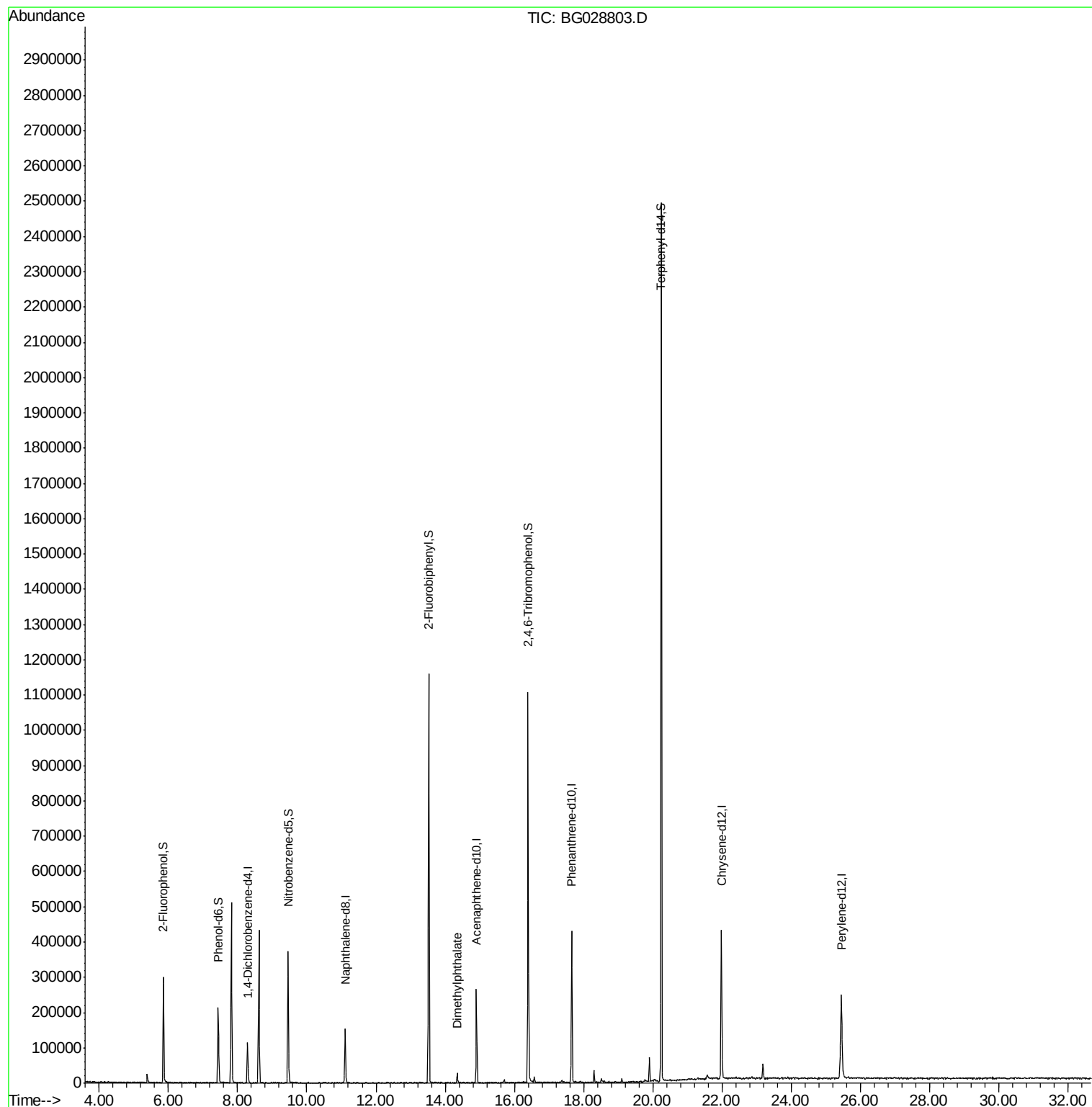
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	32006	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	132590	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	97237	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	277475	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	304596	20.00	ng	-0.05
86) Perylene-d12	25.45	264	311354	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	130143	67.09	ng	-0.05
7) Phenol-d6	7.44	99	133244	45.62	ng	-0.05
23) Nitrobenzene-d5	9.46	82	243007	87.67	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	246095	153.02	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	650874	89.26	ng	-0.04
78) Terphenyl-d14	20.24	244	1203092	84.23	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.35	163	19818	2.431	ng	Qvalue # 98

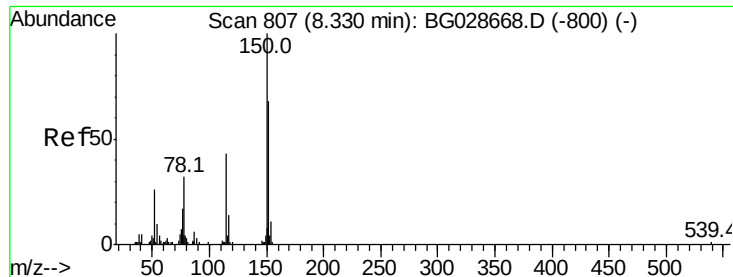
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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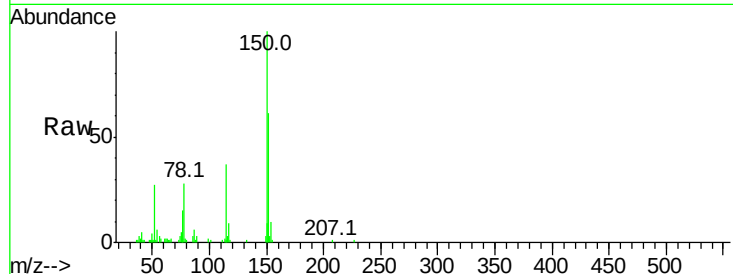


#1

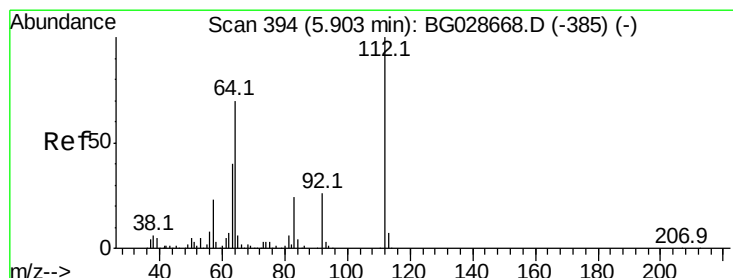
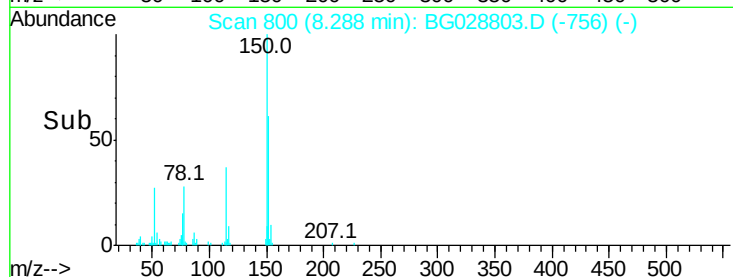
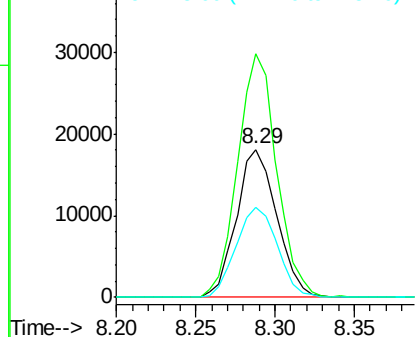
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

Instrument :
BNA_G
ClientSampleId :
20170601-COMP-B

Tot Ion:152 Resp: 32006
Ion Ratio Lower Upper
152 100
150 164.5 114.0 171.0
115 61.2 48.1 72.1



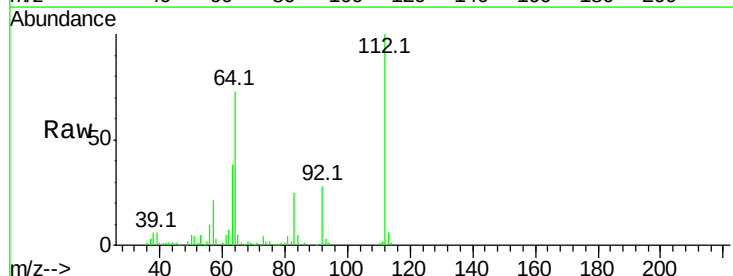
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



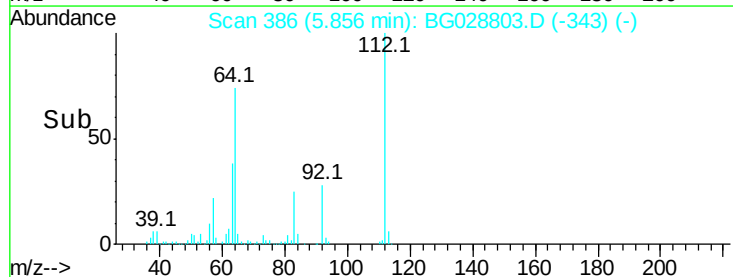
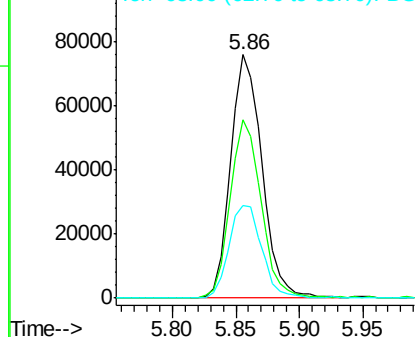
#5

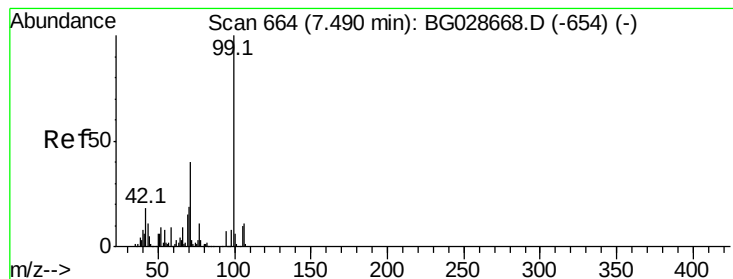
2-Fluorophenol
Concen: 67.094 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

Tgt Ion:112 Resp: 130143
Ion Ratio Lower Upper
112 100
64 73.4 61.8 92.6
63 38.0 37.2 55.8



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





#7

Phenol-d6

Concen: 45.624 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028803.D

Acq: 18 Sep 2017 20:19

Instrument :

BNA_G

ClientSampleId :

20170601-COMP-B

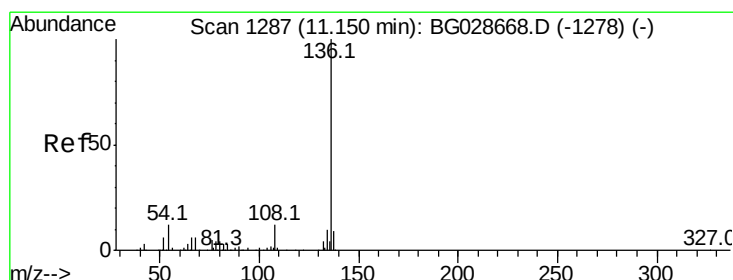
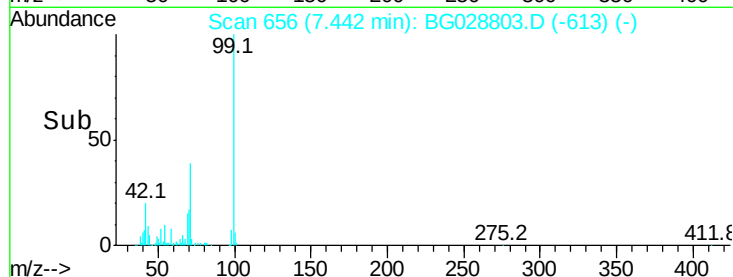
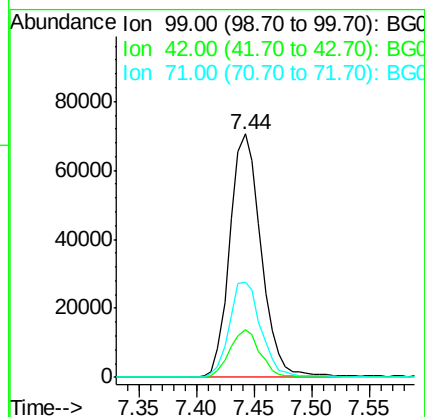
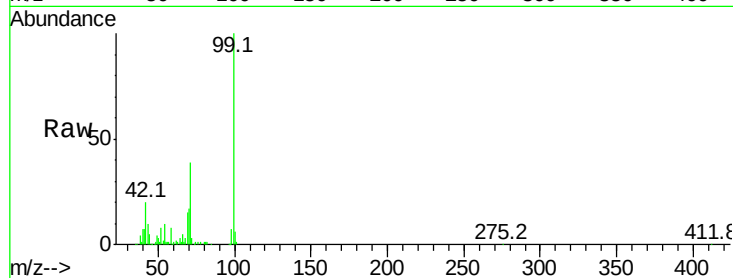
Tot Ion: 99 Resp: 133244

Ion Ratio Lower Upper

99 100

42 19.7 20.5 30.7#

71 39.2 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028803.D

Acq: 18 Sep 2017 20:19

Tgt Ion: 136 Resp: 132590

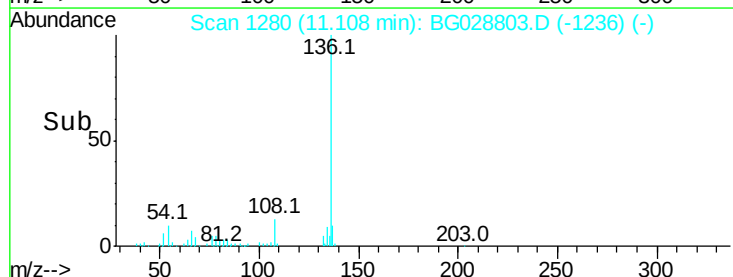
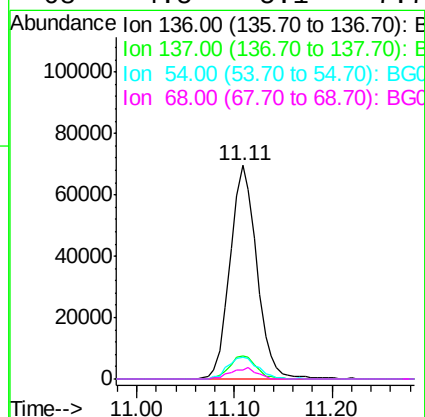
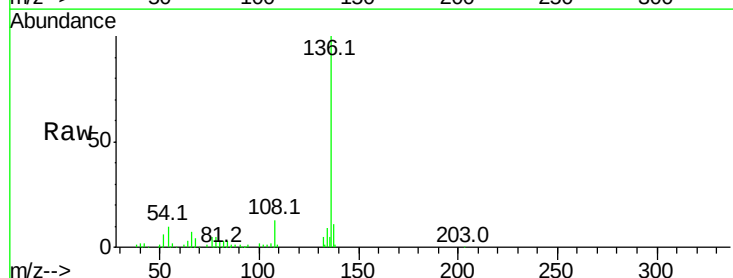
Ion Ratio Lower Upper

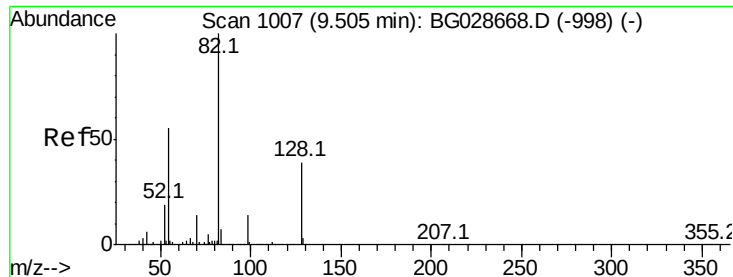
136 100

137 10.7 8.9 13.3

54 10.3 9.3 13.9

68 4.5 5.1 7.7#

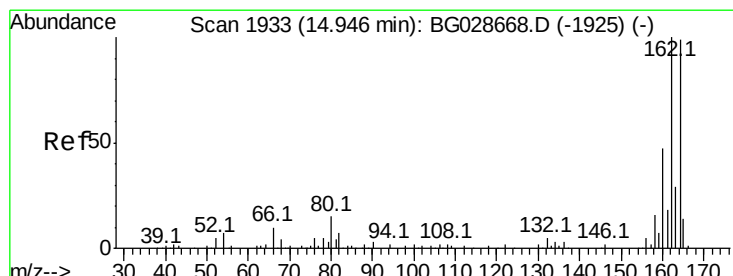
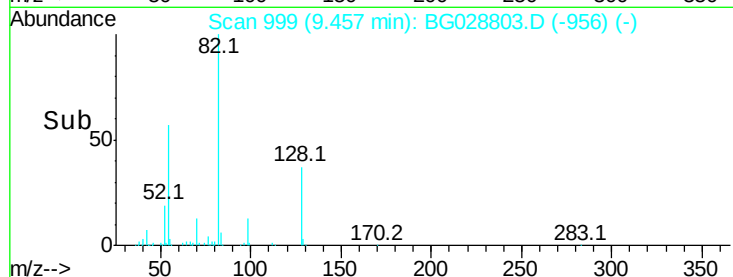
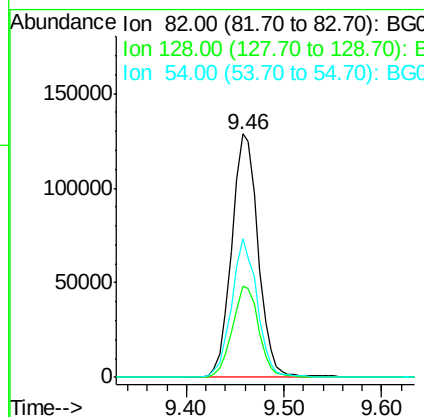
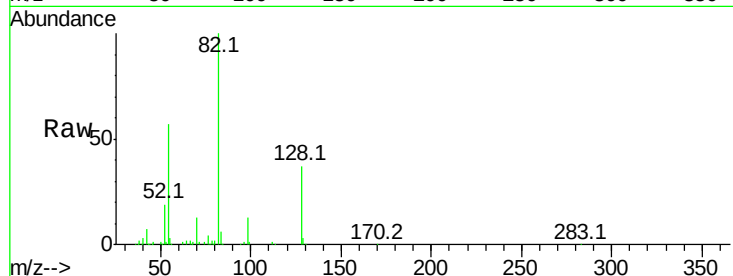




#23
Nitrobenzene-d5
Concen: 87.675 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

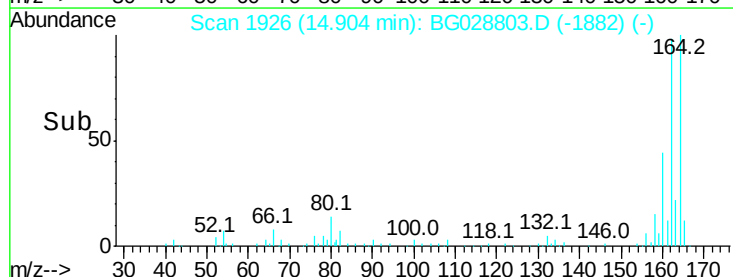
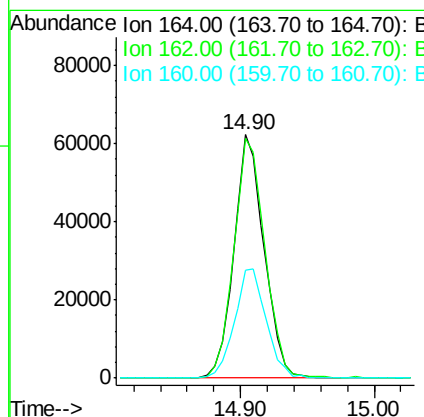
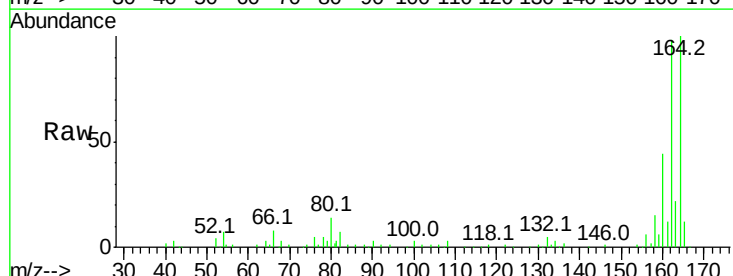
Instrument :
BNA_G
ClientSampleId :
20170601-COMP-B

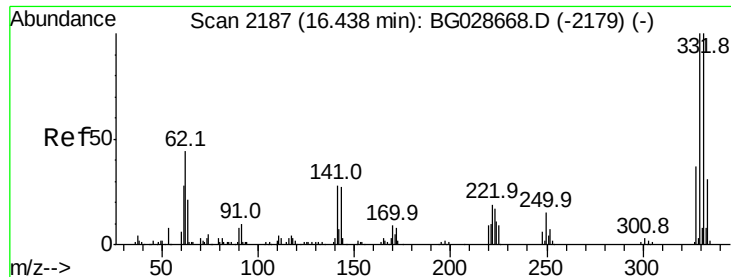
Tot Ion	82	Resp	243007
Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.4	39.6
54	57.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028803.D
Acq: 18 Sep 2017 20:19

Tgt Ion	164	Resp	97237
Ion	Ratio	Lower	Upper
164	100		
162	98.4	85.1	127.7
160	44.3	34.7	52.1

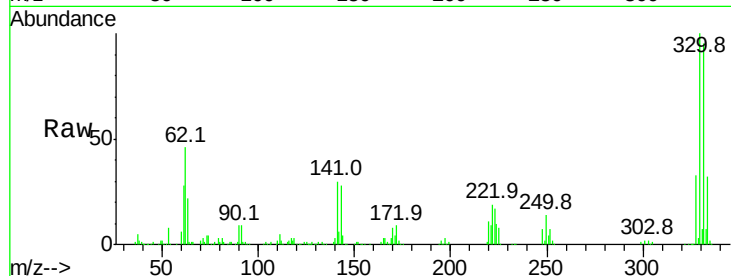




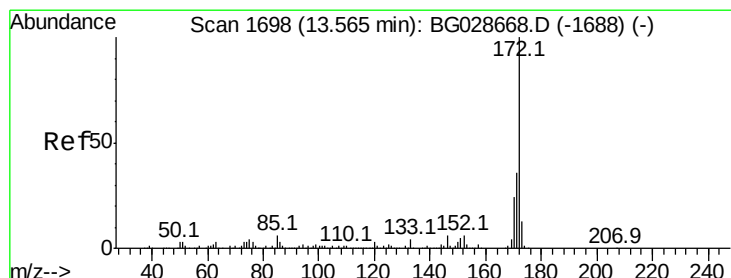
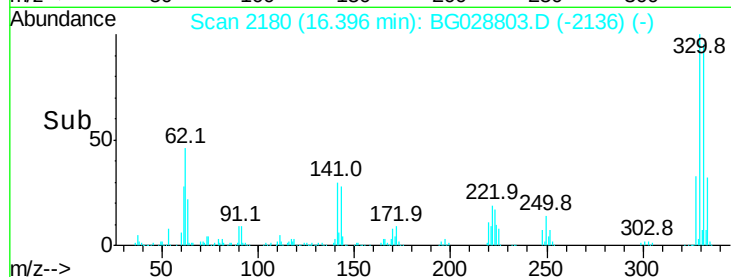
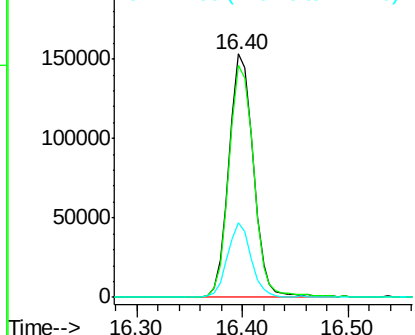
#41
 2,4,6-Tribromophenol
 Concen: 153.021 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028803.D
 Acq: 18 Sep 2017 20:19

Instrument :
 BNA_G
 ClientSampleId :
 20170601-COMP-B

Tot Ion:330 Resp: 246095
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 29.4 32.1 48.1#

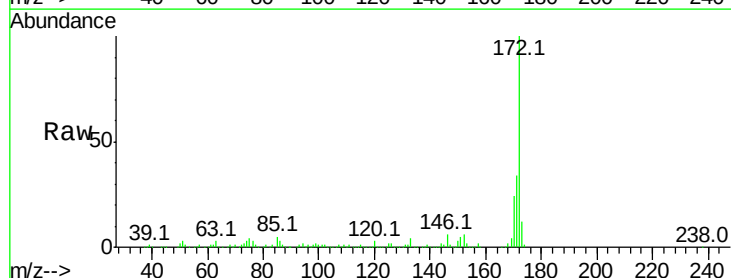


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

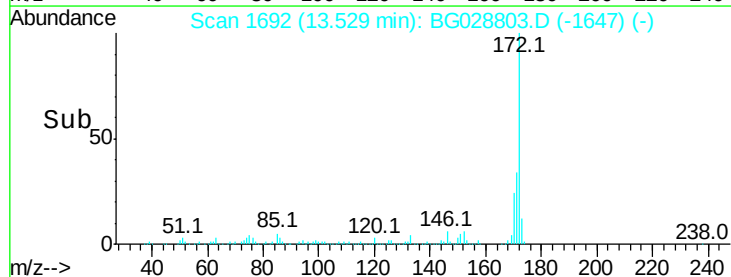
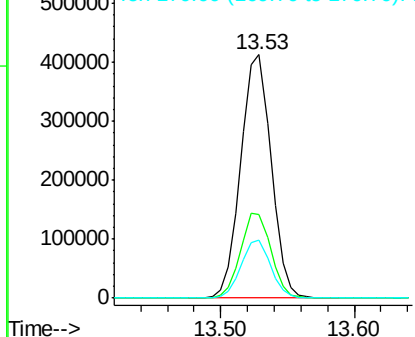


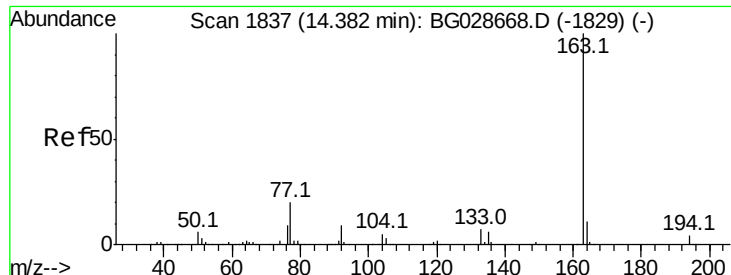
#44
 2-Fluorobiphenyl
 Concen: 89.255 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028803.D
 Acq: 18 Sep 2017 20:19

Tgt Ion:172 Resp: 650874
 Ion Ratio Lower Upper
 172 100
 171 34.4 32.2 48.2
 170 23.7 21.8 32.6



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





#49

Dimethylphthalate

Concen: 2.431 ng

RT: 14.35 min Scan# 1832

Delta R.T. -0.03 min

Lab File: BG028803.D

Acq: 18 Sep 2017 20:19

Instrument :

BNA_G

ClientSampleId :

20170601-COMP-B

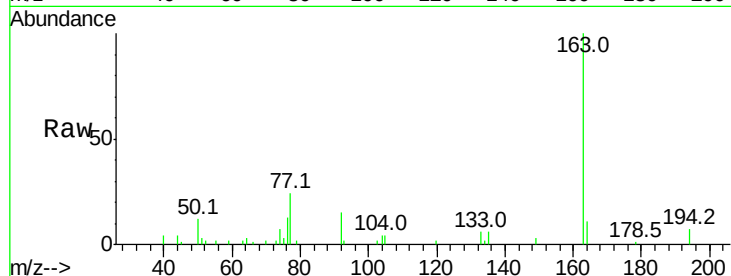
Tot Ion:163 Resp: 19818

Ion Ratio Lower Upper

163 100

194 6.5 3.8 5.6#

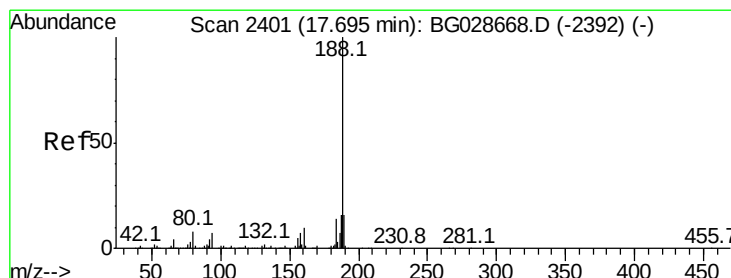
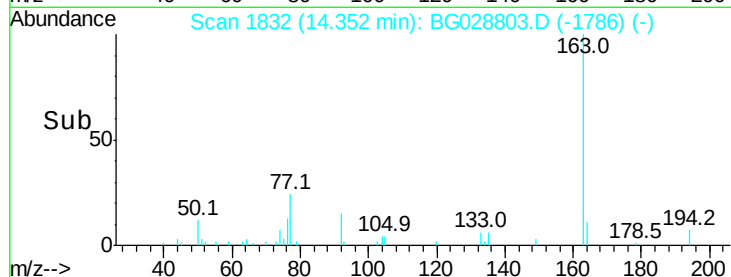
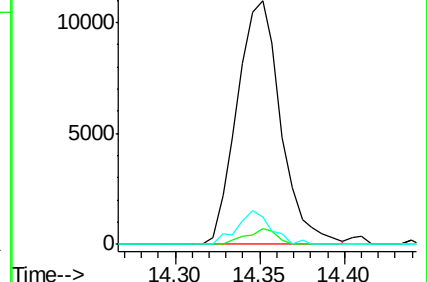
164 11.1 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028803.D

Acq: 18 Sep 2017 20:19

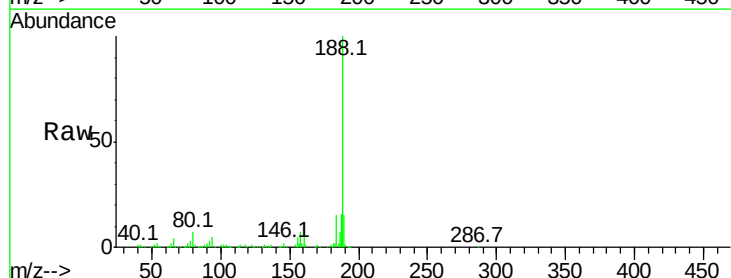
Tgt Ion:188 Resp: 277475

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

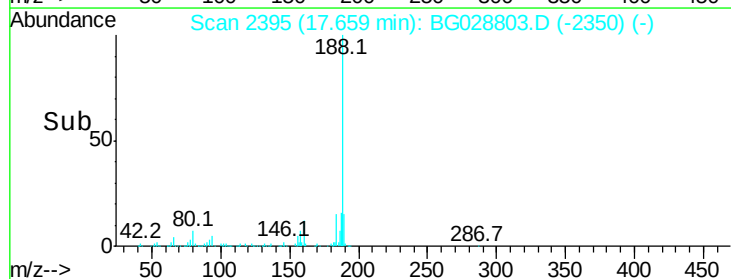
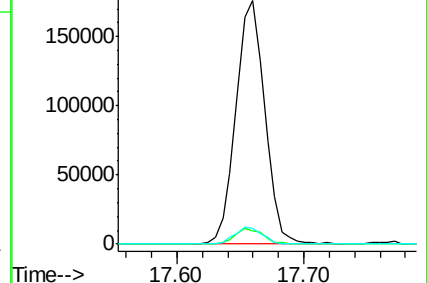
80 6.6 7.5 11.3#

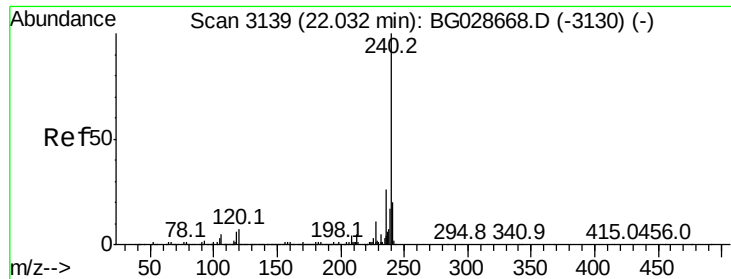


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028803.D

Acq: 18 Sep 2017 20:19

Instrument :

BNA_G

ClientSampleId :

20170601-COMP-B

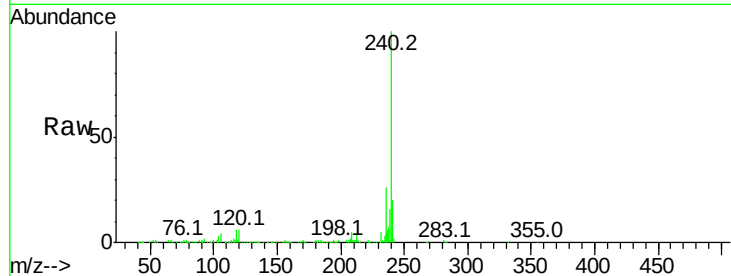
Tot Ion:240 Resp: 304596

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

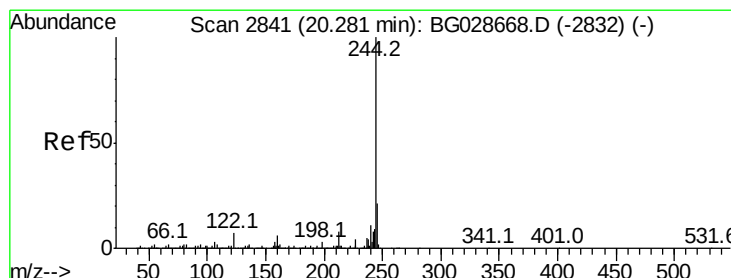
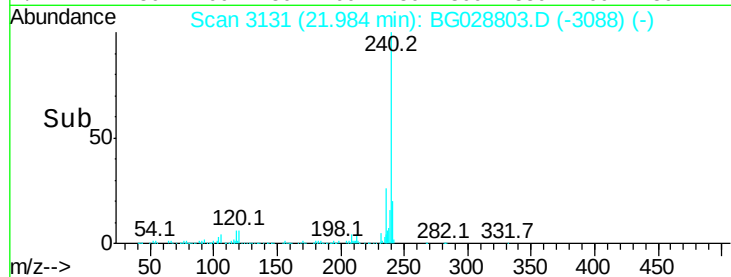
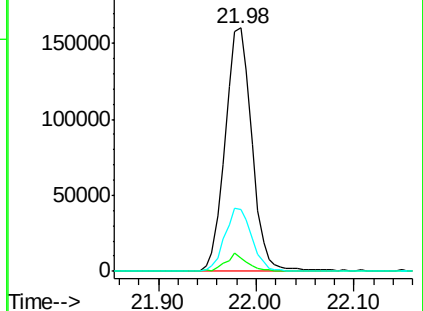
236 25.5 22.2 33.4



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



#78

Terphenyl-d14

Concen: 84.232 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028803.D

Acq: 18 Sep 2017 20:19

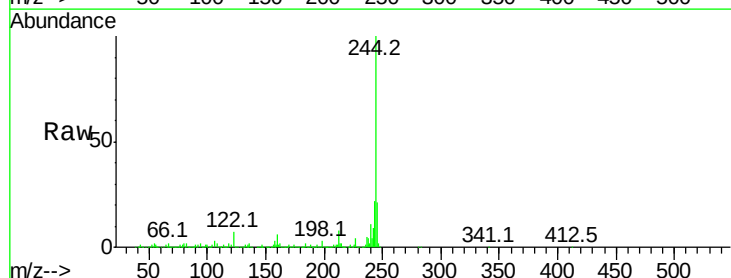
Tgt Ion:244 Resp: 1203092

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

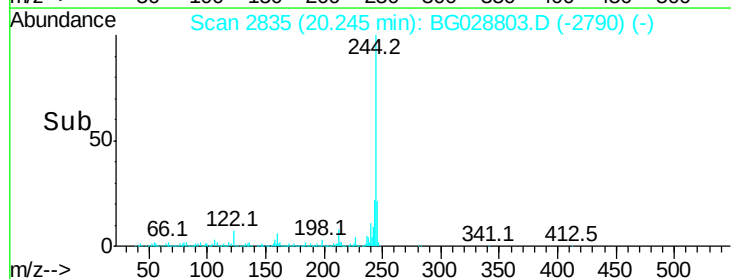
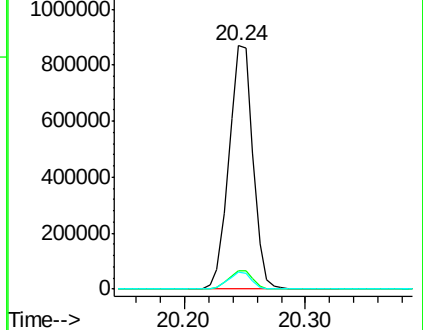
122 6.9 8.6 12.8#

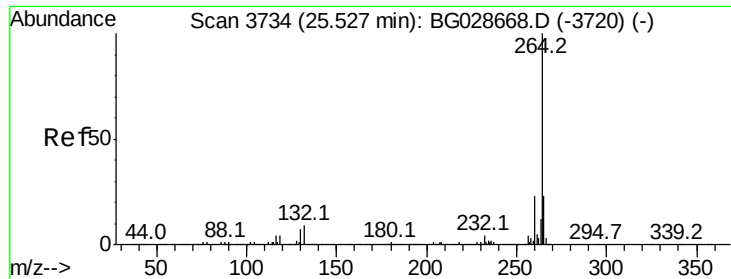


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

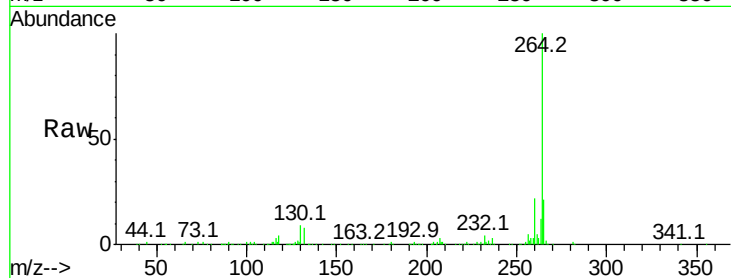




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.08 min
 Lab File: BG028803.D
 Acq: 18 Sep 2017 20:19

Instrument :
 BNA_G
 ClientSampleId :
 20170601-COMP-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	21.2	18.2	27.4



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

