

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028847.D
 Acq On : 21 Sep 2017 7:48
 Operator : SJ/JU
 Sample : I5293-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-B-R-SIDE-COMP

Quant Time: Sep 21 09:00:46 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	37645	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	143017	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	105209	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	286097	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	317096	20.00	ng	-0.05
86) Perylene-d12	25.46	264	318293	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	282038	123.62	ng	-0.04
7) Phenol-d6	7.44	99	330143	96.11	ng	-0.05
23) Nitrobenzene-d5	9.46	82	282273	94.42	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	236994	136.20	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	731601	92.72	ng	-0.04
78) Terphenyl-d14	20.24	244	1366762	91.92	ng	-0.04

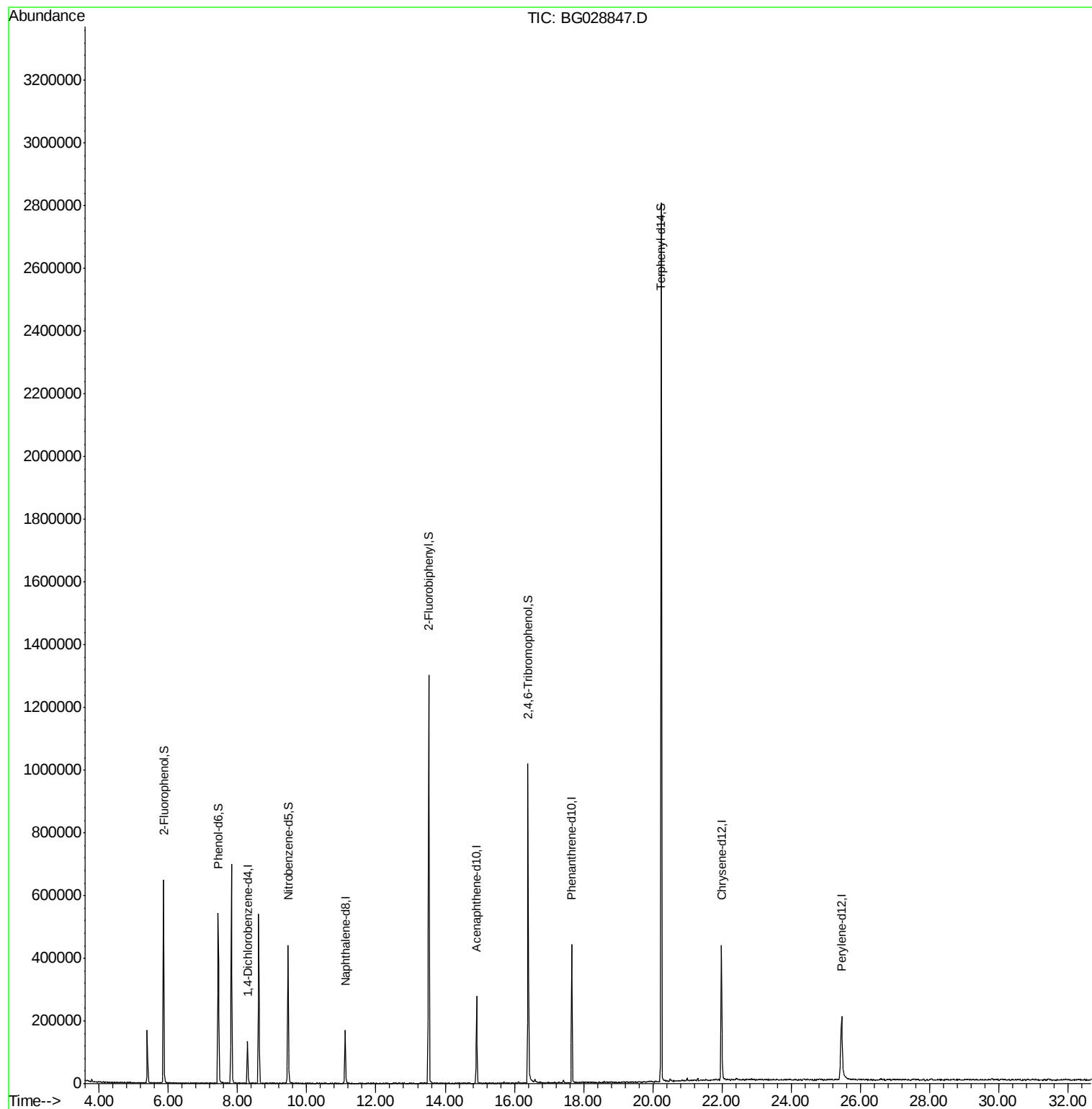
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028847.D

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Instrument :

BNA_G

ClientSampleId :

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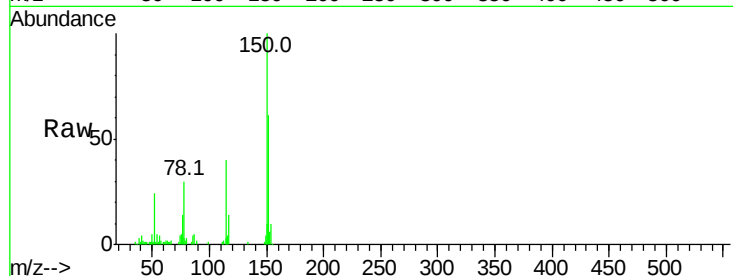
Tot Ion:152 Resp: 37645

Ion Ratio Lower Upper

152 100

150 163.5 114.0 171.0

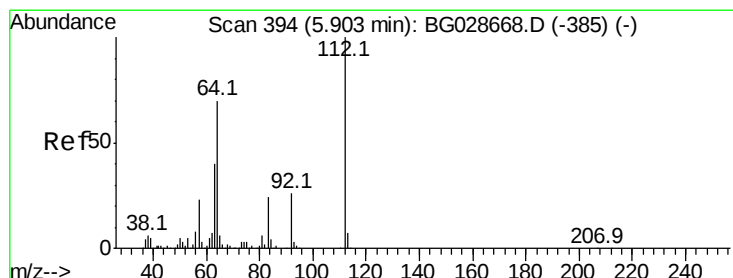
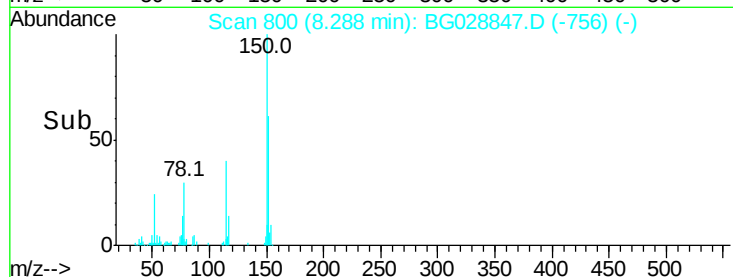
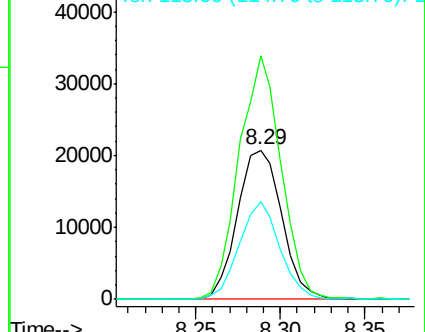
115 65.6 48.1 72.1



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: 123.622 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028847.D

Acq: 21 Sep 2017 7:48

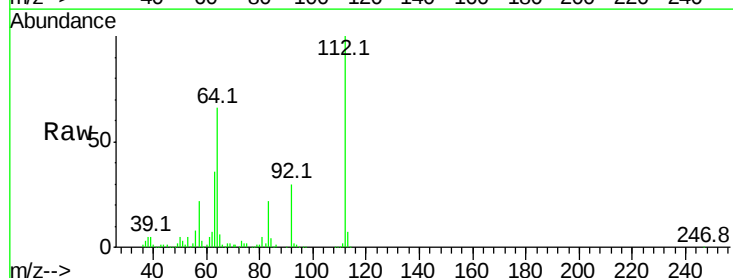
Tgt Ion:112 Resp: 282038

Ion Ratio Lower Upper

112 100

64 66.5 61.8 92.6

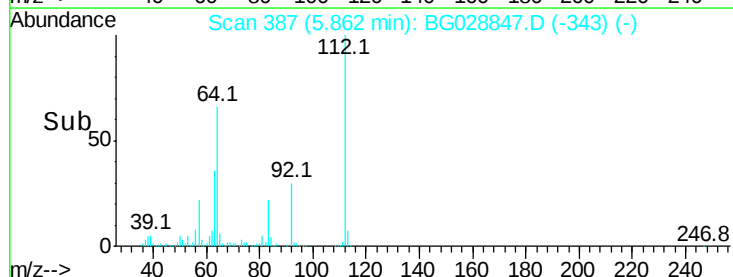
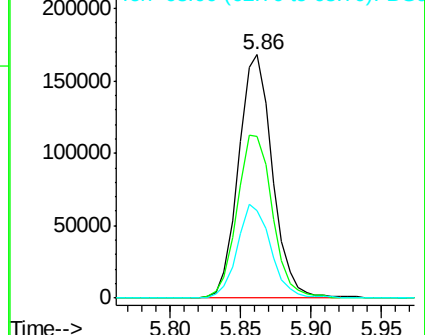
63 36.0 37.2 55.8#

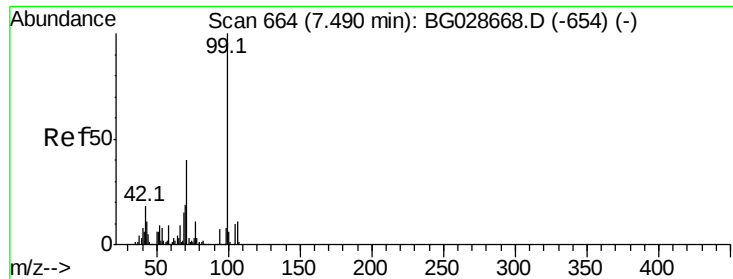


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.112 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028847.D

Acq: 21 Sep 2017 7:48

Instrument :

BNA_G

ClientSampleId :

SP-B-R-SIDE-COMP

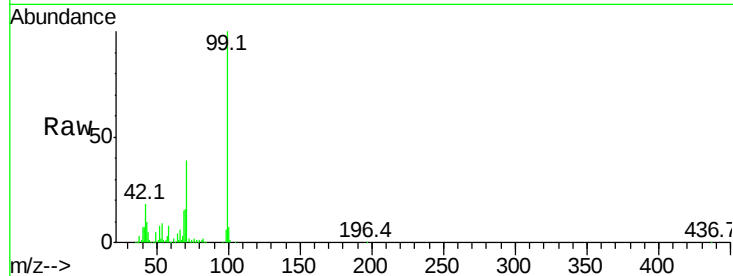
Tot Ion: 99 Resp: 330143

Ion Ratio Lower Upper

99 100

42 18.1 20.5 30.7#

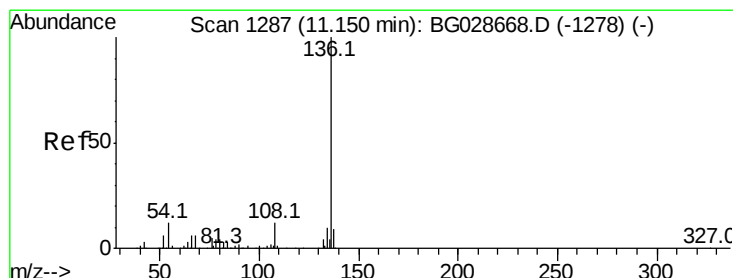
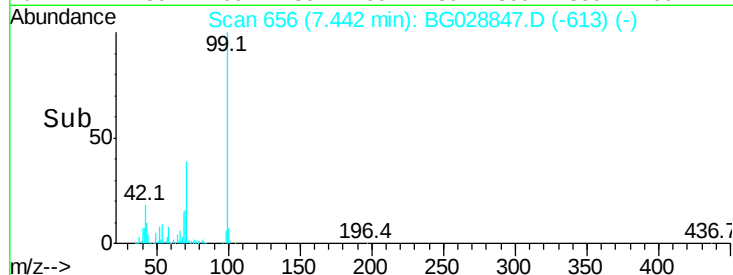
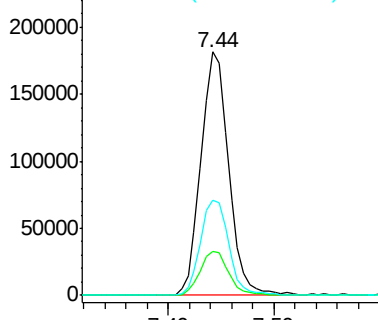
71 39.0 37.6 56.4



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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028847.D

Acq: 21 Sep 2017 7:48

Tgt Ion: 136 Resp: 143017

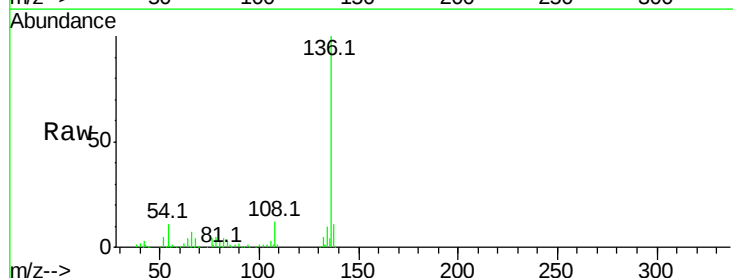
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 11.4 9.3 13.9

68 4.4 5.1 7.7#

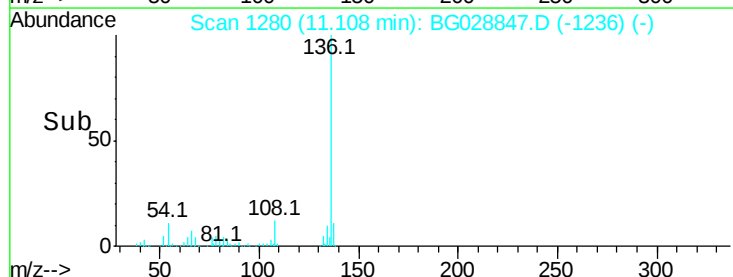
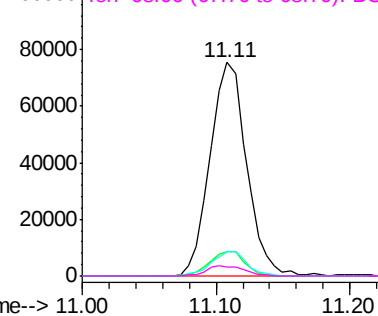


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 94.417 ng

RT: 9.46 min Scan# 999

Delta R.T. -0.05 min

Lab File: BG028847.D

Acq: 21 Sep 2017 7:48

Instrument :

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SP-B-R-SIDE-COMP

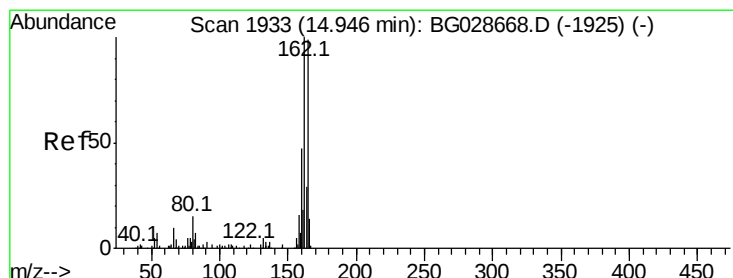
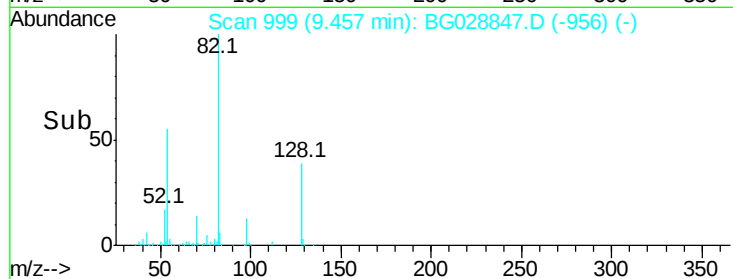
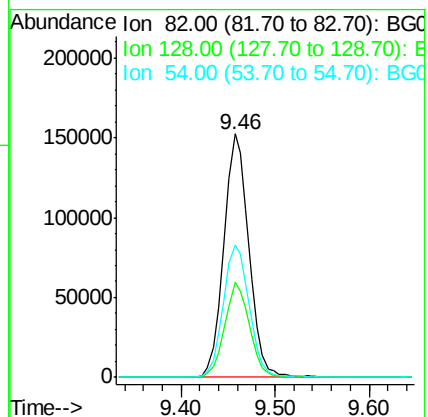
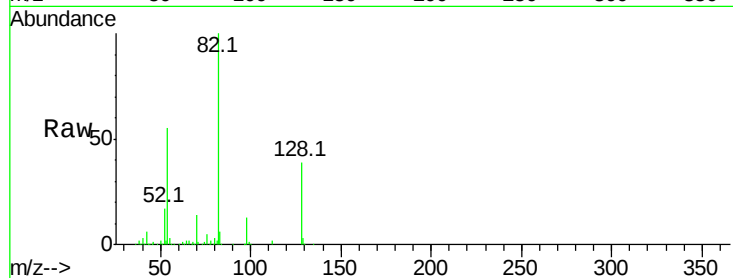
Tot Ion: 82 Resp: 282273

Ion Ratio Lower Upper

82 100

128 39.1 26.4 39.6

54 54.5 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: BG028847.D

Acq: 21 Sep 2017 7:48

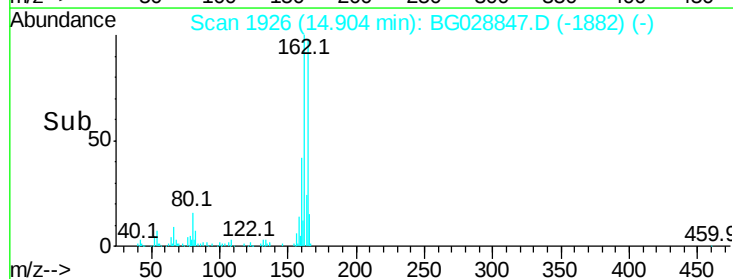
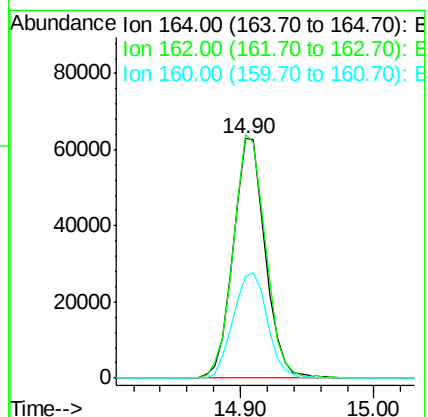
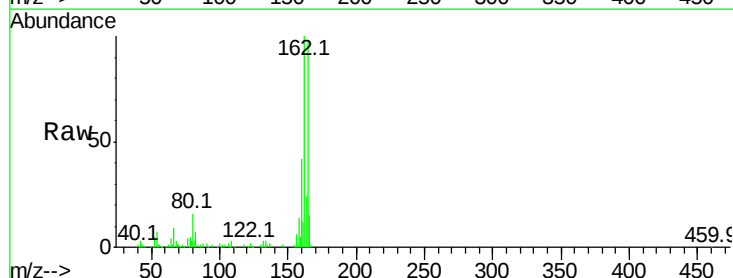
Tgt Ion: 164 Resp: 105209

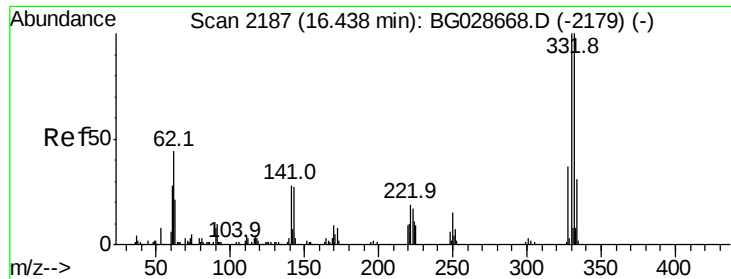
Ion Ratio Lower Upper

164 100

162 101.6 85.1 127.7

160 42.5 34.7 52.1

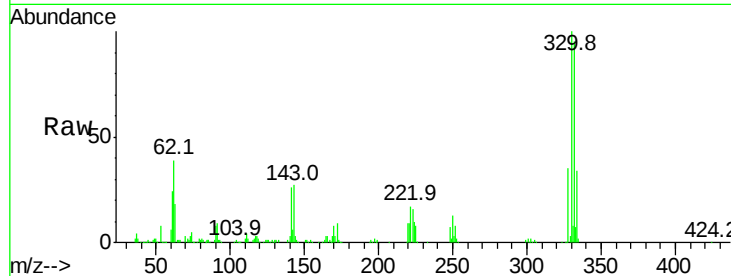




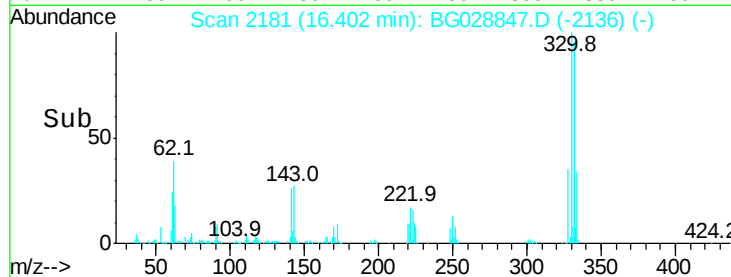
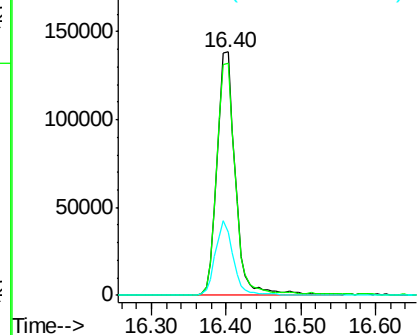
#41
 2,4,6-Tribromophenol
 Concen: 136.196 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028847.D
 Acq: 21 Sep 2017 7:48

Instrument :
 BNA_G
 ClientSampleId :
 SP-B-R-SIDE-COMP

Tot Ion:330 Resp: 236994
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 29.8 32.1 48.1#

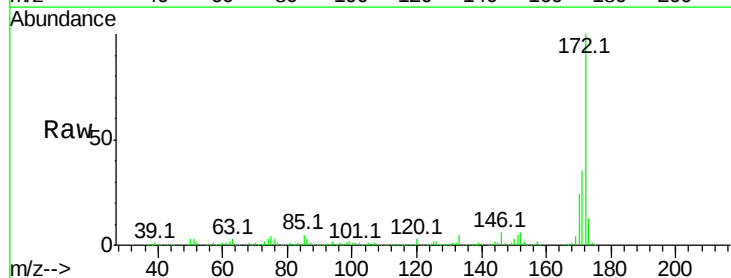


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

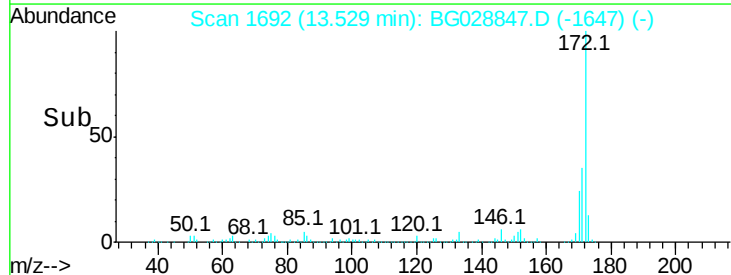
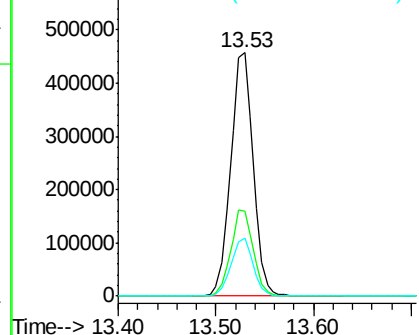


#44
 2-Fluorobiphenyl
 Concen: 92.723 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028847.D
 Acq: 21 Sep 2017 7:48

Tgt Ion:172 Resp: 731601
 Ion Ratio Lower Upper
 172 100
 171 34.8 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

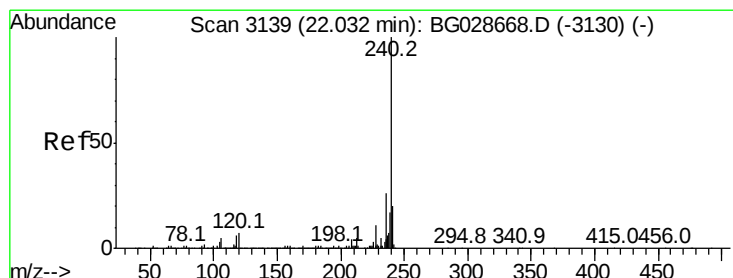
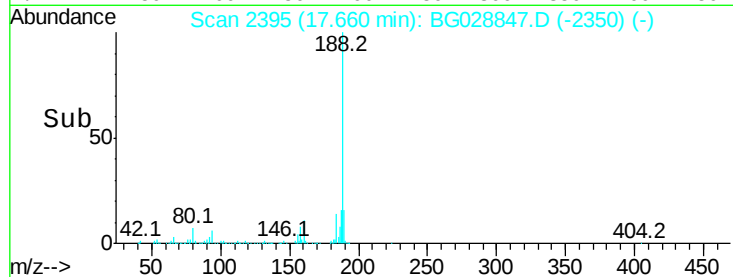
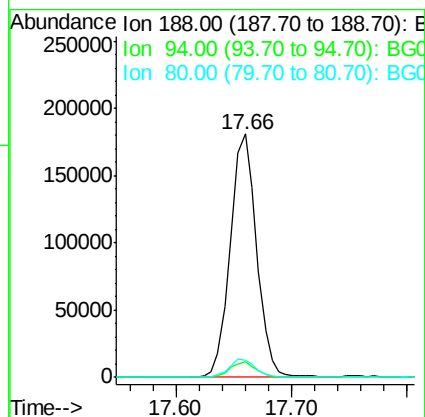
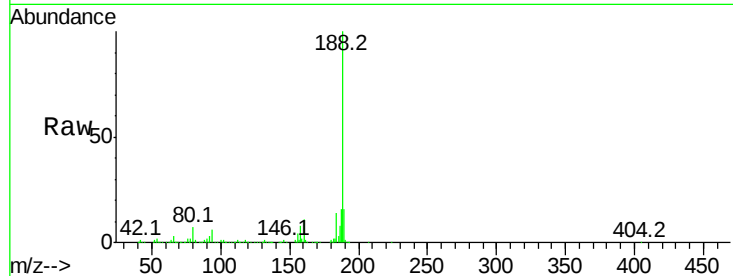




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028847.D
Acq: 21 Sep 2017 7:48

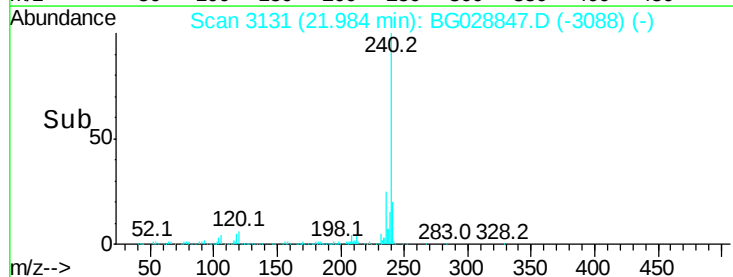
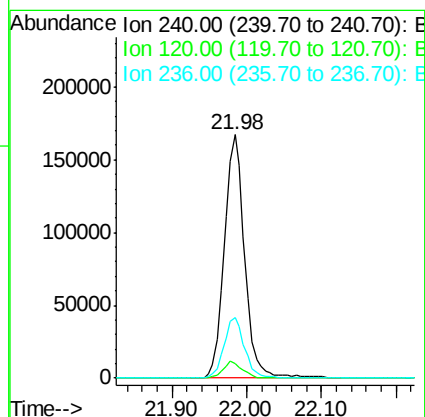
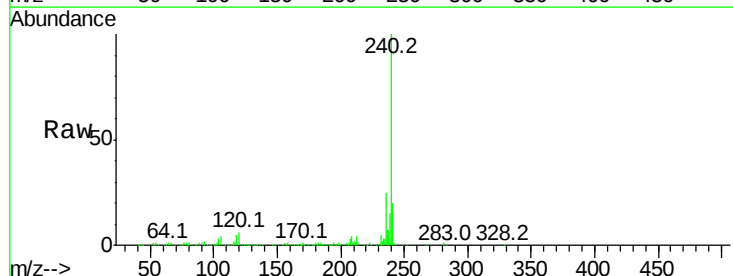
Instrument :
BNA_G
ClientSampleId :
SP-B-R-SIDE-COMP

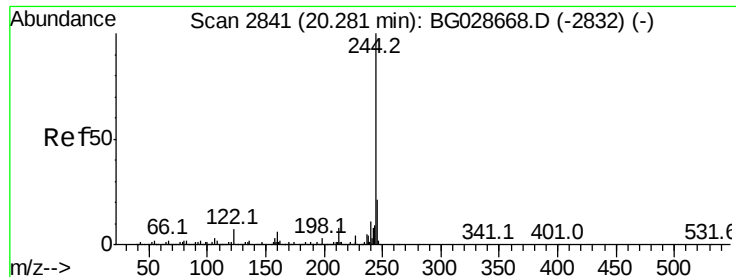
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.1	7.5	11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028847.D
Acq: 21 Sep 2017 7:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	24.8	22.2	33.4





#78

Terphenyl-d14

Concen: 91.919 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028847.D

Acq: 21 Sep 2017 7:48

Instrument :

BNA_G

ClientSampleId :

SP-B-R-SIDE-COMP

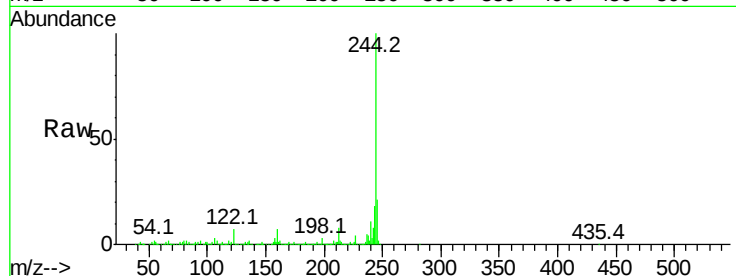
Tot Ion:244 Resp: 1366762

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

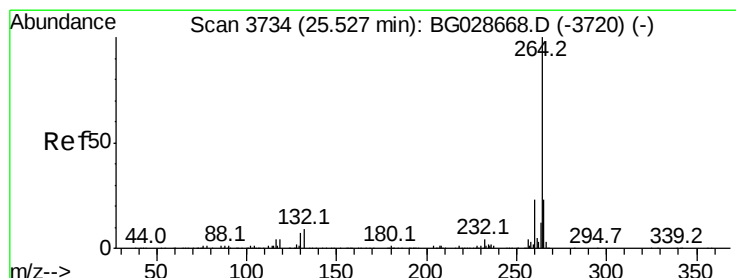
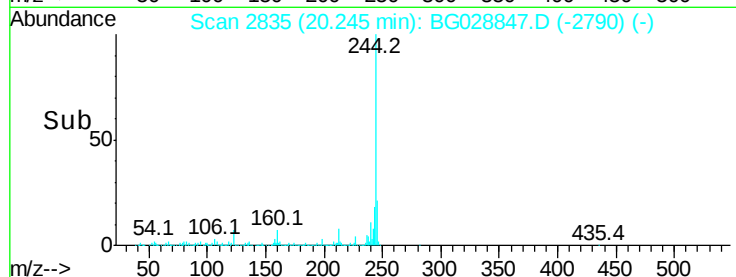
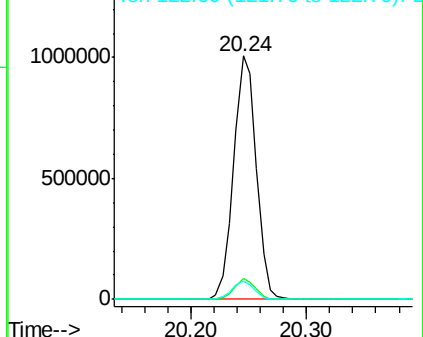
122 7.4 8.6 12.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028847.D

Acq: 21 Sep 2017 7:48

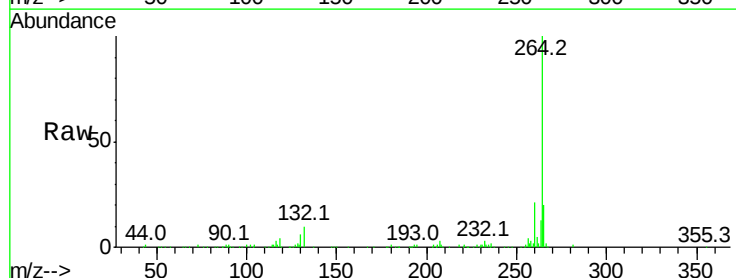
Tgt Ion:264 Resp: 318293

Ion Ratio Lower Upper

264 100

260 20.7 21.8 32.8#

265 20.5 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

