

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 :

Quant Time: Sep 21 08:36:02 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

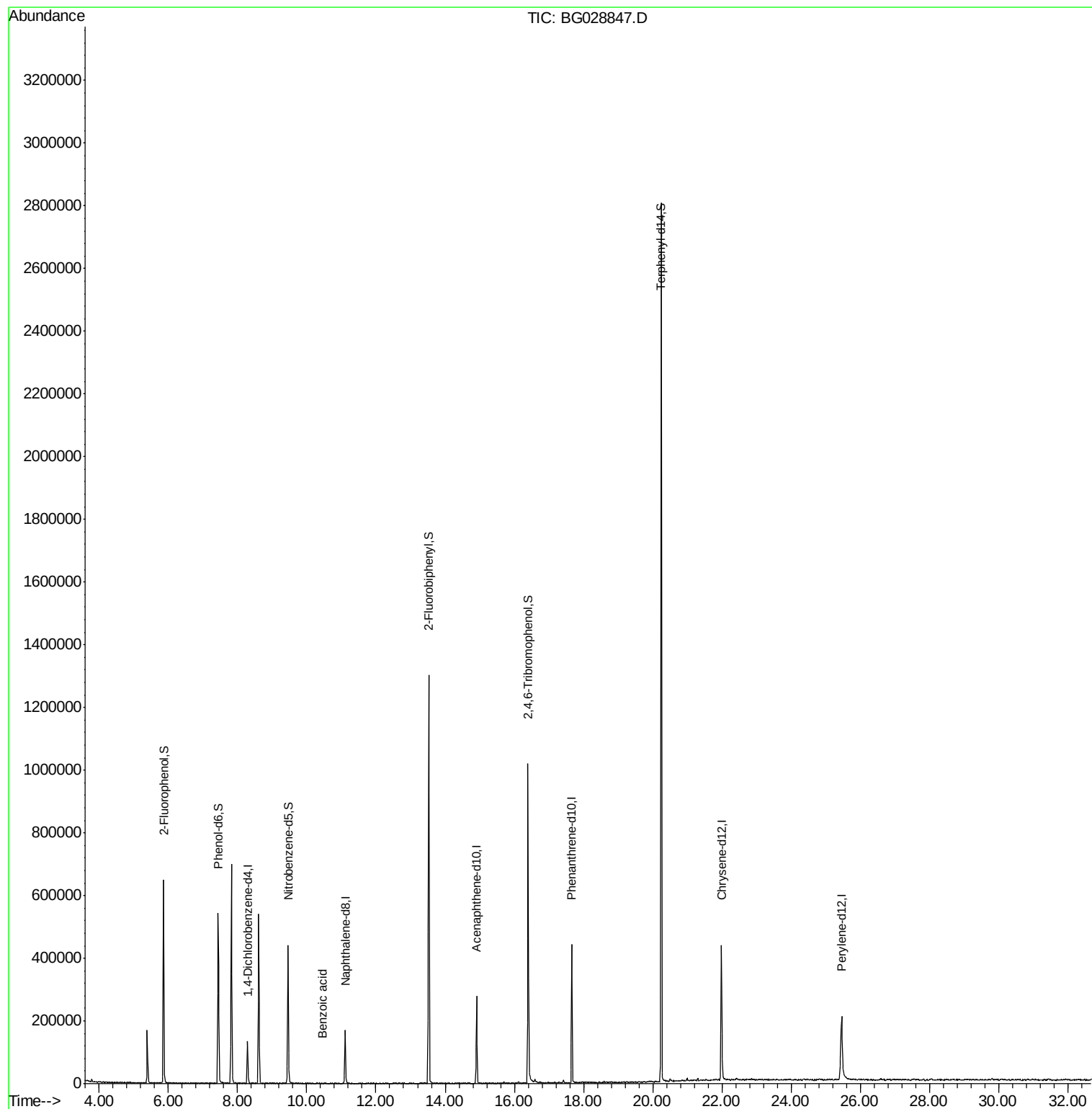
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	37645	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	143017	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	105209	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	286097	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	317096	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						
32) Benzoic acid	10.46	122	62	6.116	ng	Qvalue # 1

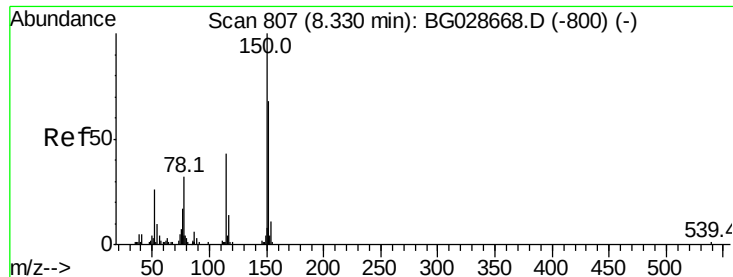
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration



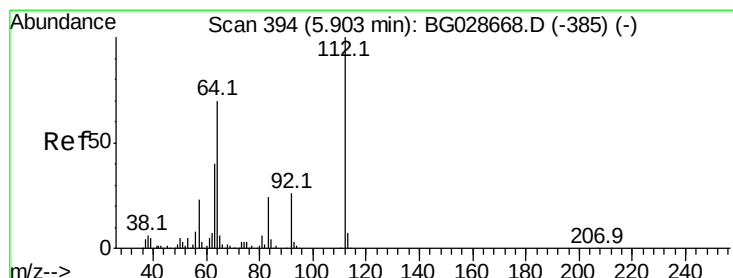
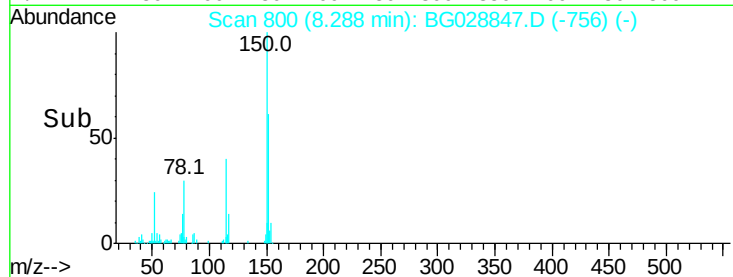
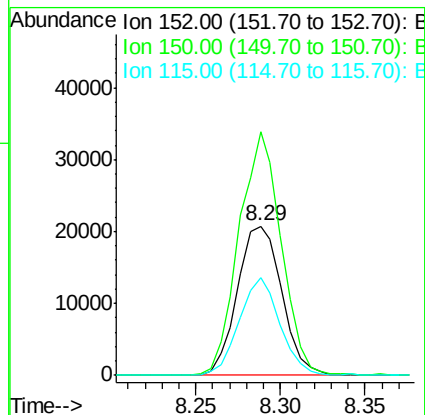
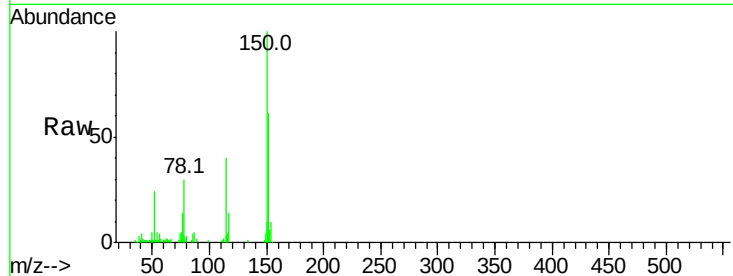


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028847.D
Acq: 21 Sep 2017 7:48

Instrument :
BNA_G
ClientSampleId :

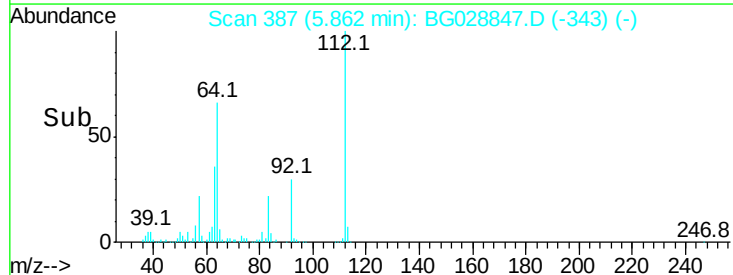
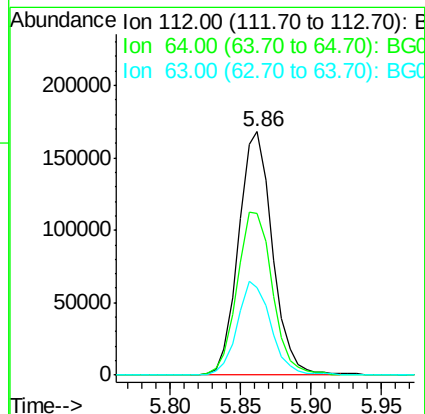
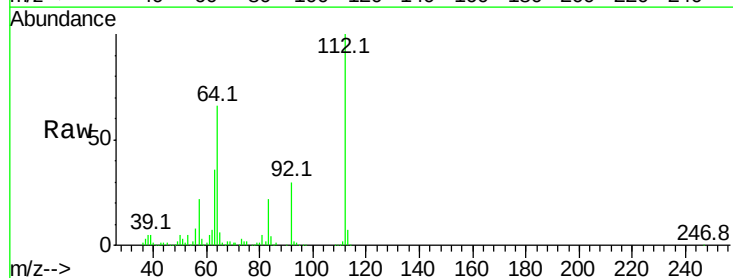
Tot Ion:152 Resp: 37645
Ion Ratio Lower Upper
152 100
150 163.5 114.0 171.0
115 65.6 48.1 72.1

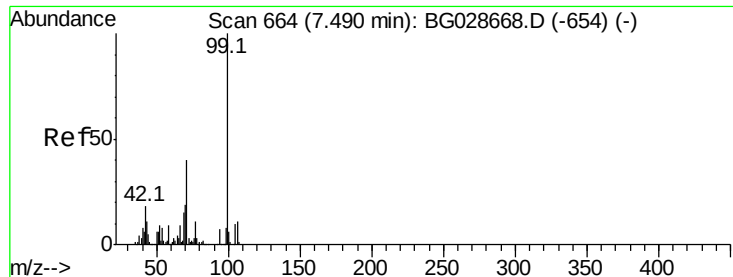


#5

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#





#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

ClientSampled :

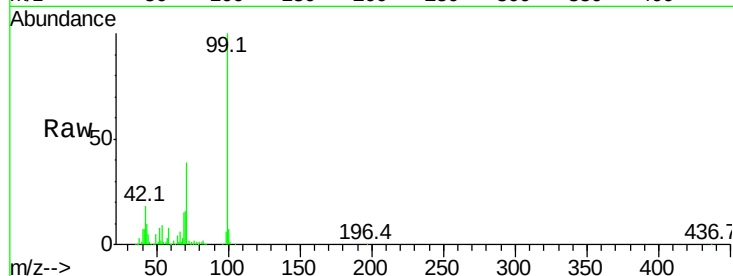
Tot Ion: 99 Resp: 330143

Ion Ratio Lower Upper

99 100

42 18.1 20.5 30.7#

71 39.0 37.6 56.4

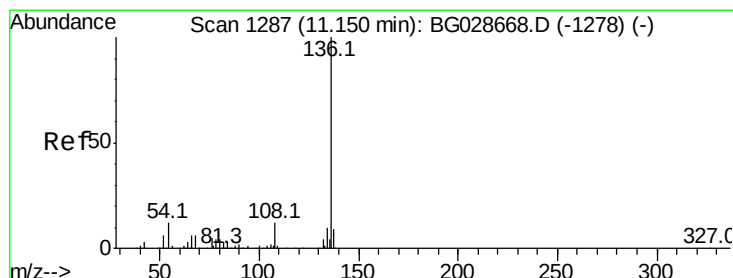
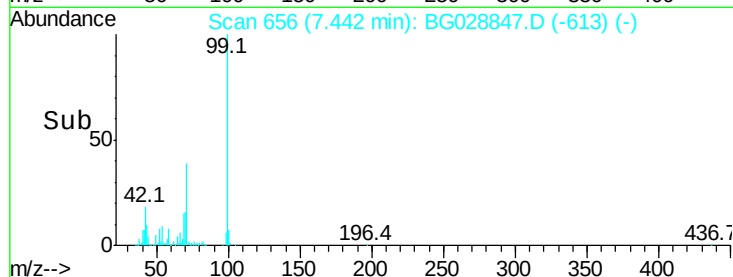
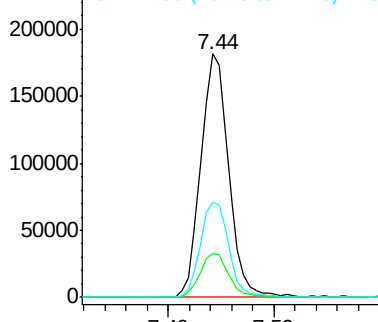


Abundance

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

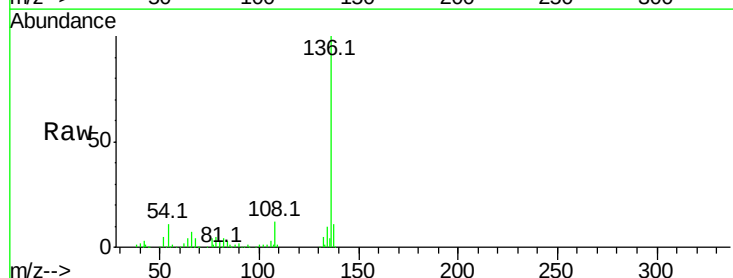
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 11.4 9.3 13.9

68 4.4 5.1 7.7#



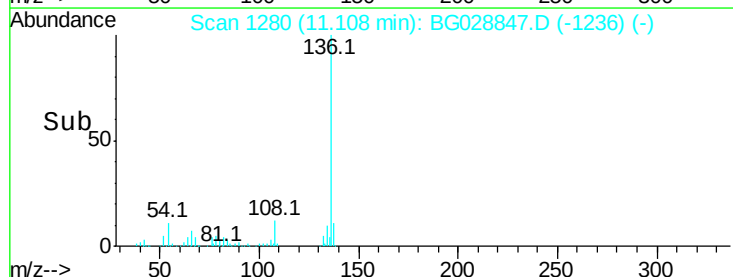
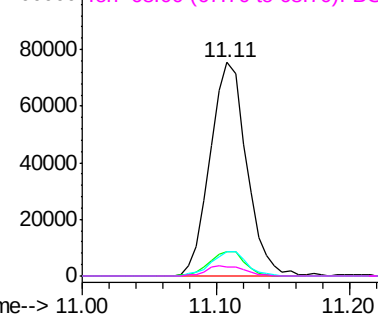
Abundance

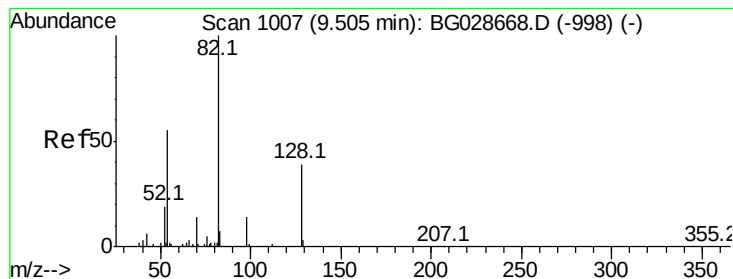
Ion 136.00 (135.70 to 136.70): BGC

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 :

BNA_G

ClientSampleId :

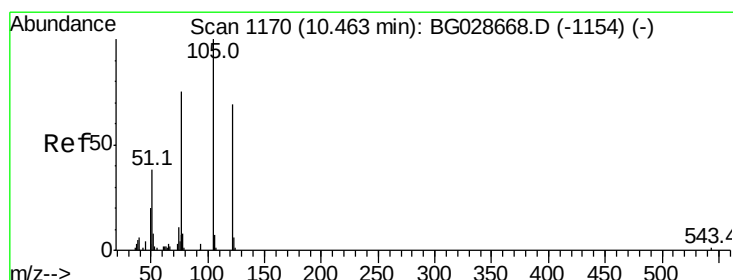
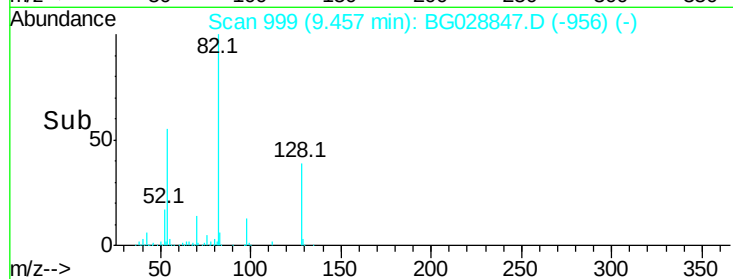
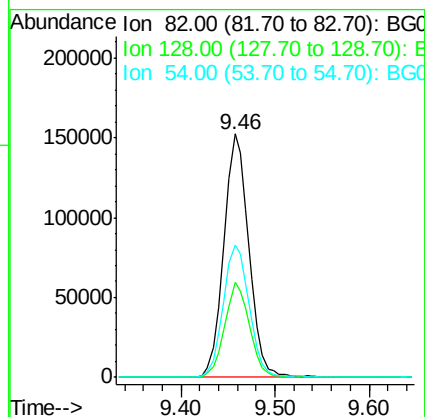
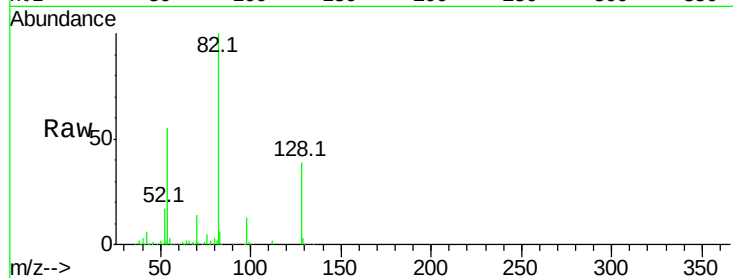
Tot Ion: 82 Resp: 282273

Ion Ratio Lower Upper

82 100

128 39.1 26.4 39.6

54 54.5 49.4 74.2



#32

Benzoic acid

Concen: 6.116 ng

RT: 10.46 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG028847.D

Acq: 21 Sep 2017 7:48

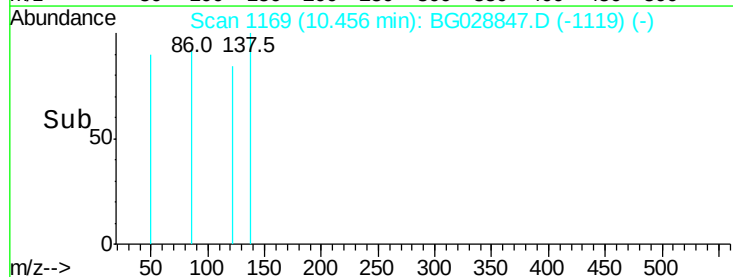
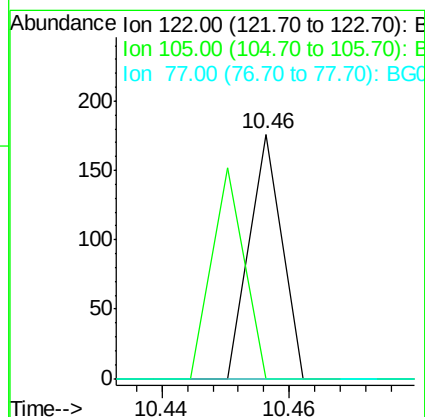
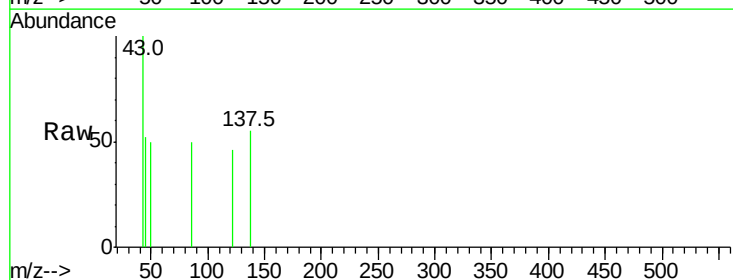
Tgt Ion: 122 Resp: 62

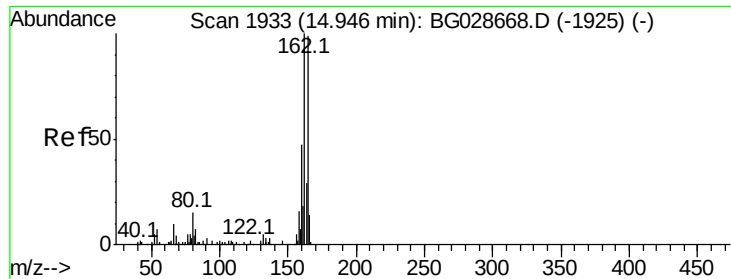
Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

77 0.0 104.6 144.6#

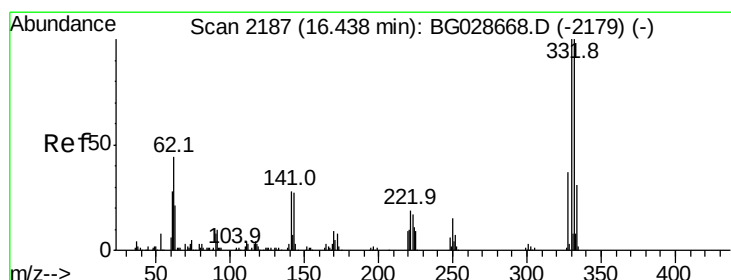
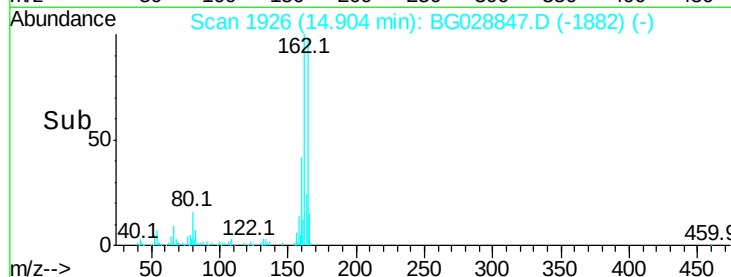
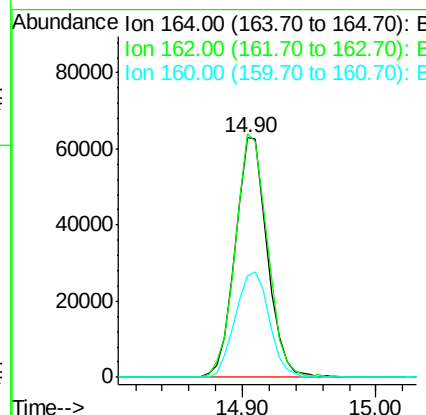
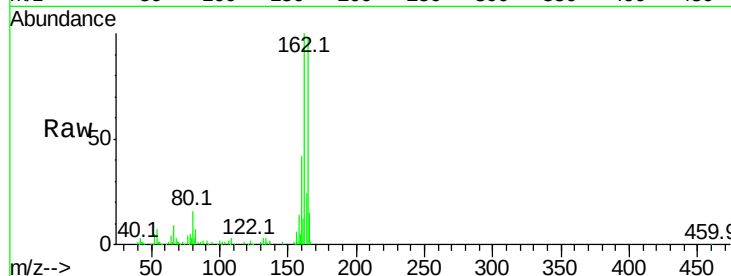




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028847.D
 Acq: 21 Sep 2017 7:48

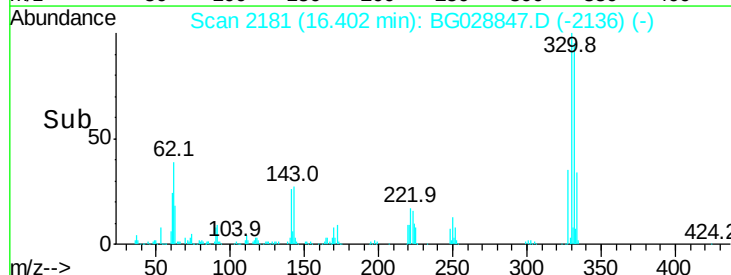
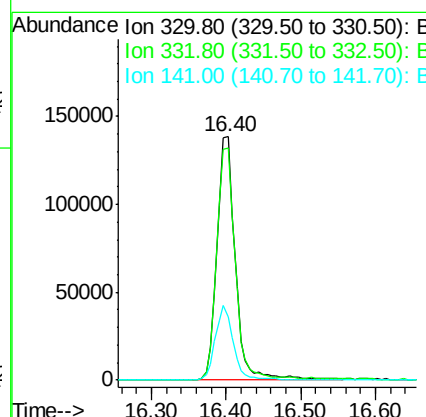
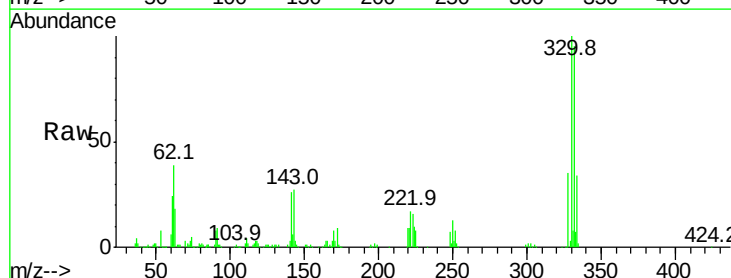
Instrument :
 BNA_G
 ClientSampleId :

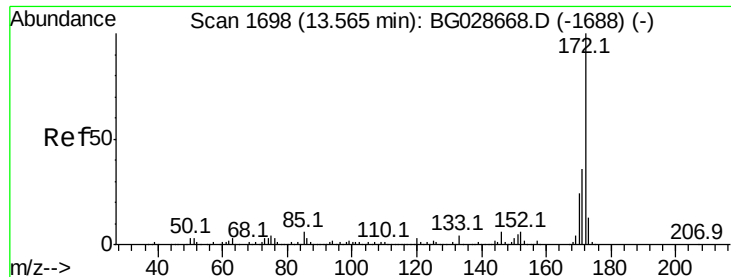
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	85.1	127.7
160	42.5	34.7	52.1



#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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	29.8	32.1	48.1#

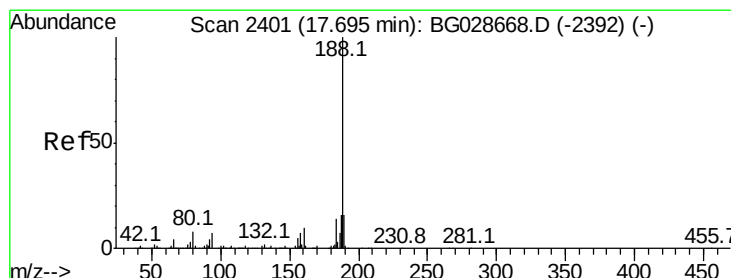
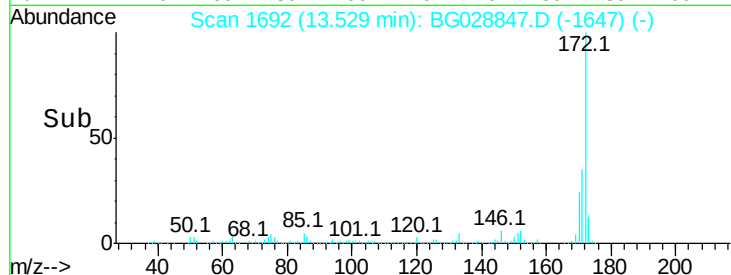
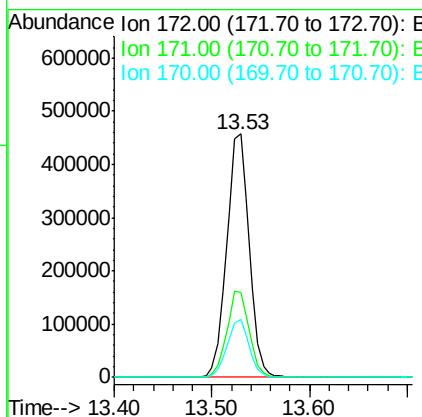
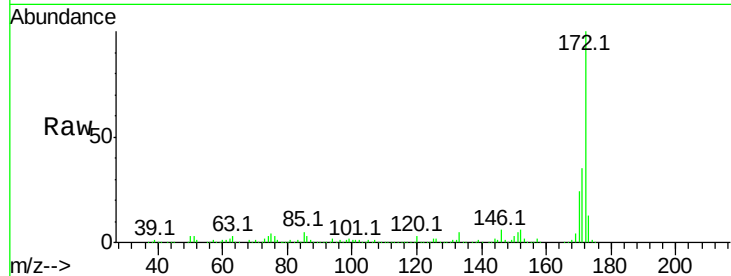




#44
 2-Fluorobiphenyl
 Concen: 92.723 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028847.D
 Acq: 21 Sep 2017 7:48

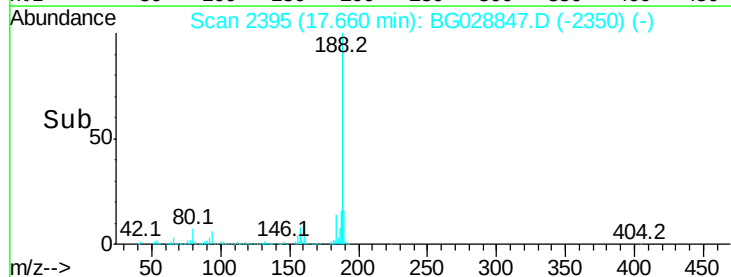
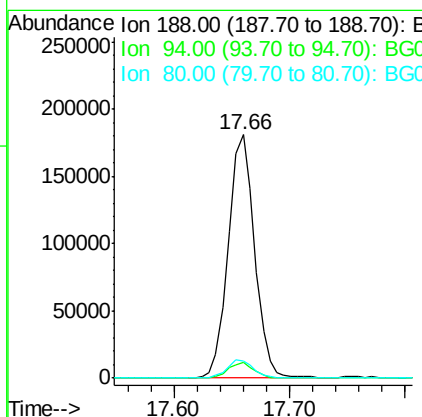
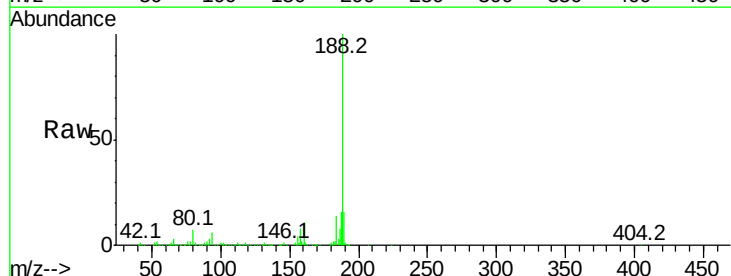
Instrument :
 BNA_G
 ClientSampleId :

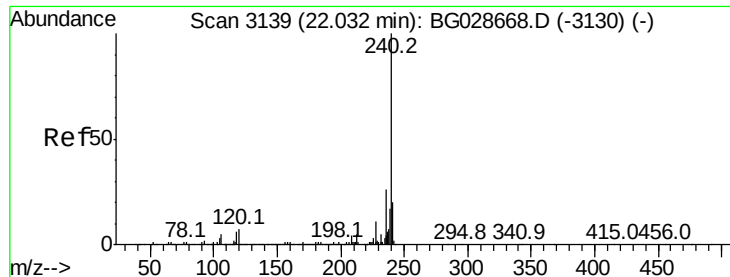
Tot Ion:172 Resp: 731601
 Ion Ratio Lower Upper
 172 100
 171 34.8 32.2 48.2
 170 23.7 21.8 32.6



#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

Tgt Ion:188 Resp: 286097
 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

Instrument :

BNA_G

ClientSampleId :

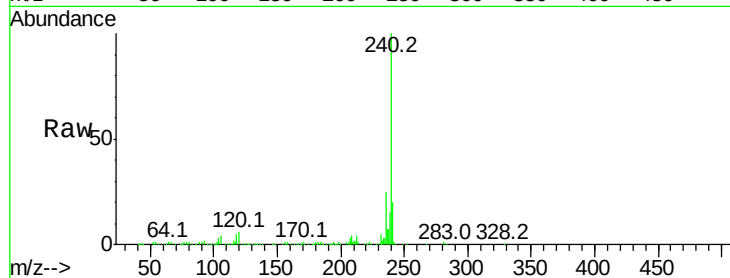
Tot Ion:240 Resp: 317096

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

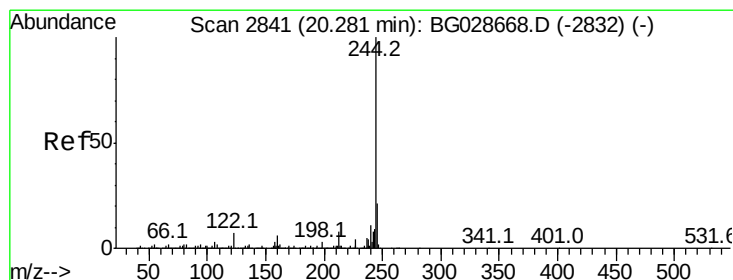
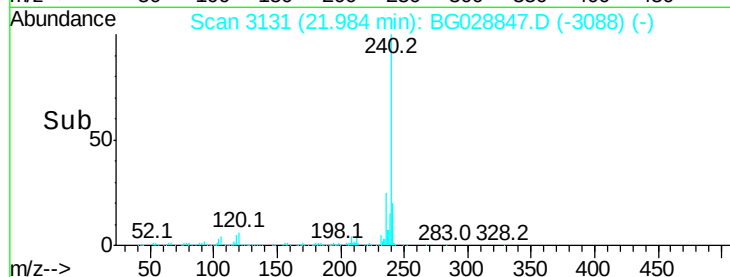
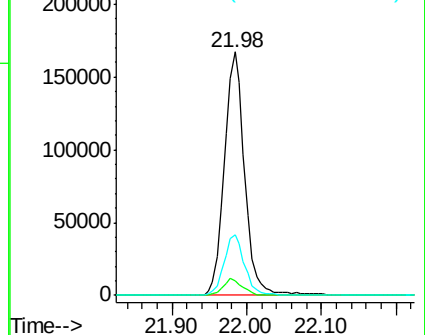
236 24.8 22.2 33.4



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: 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

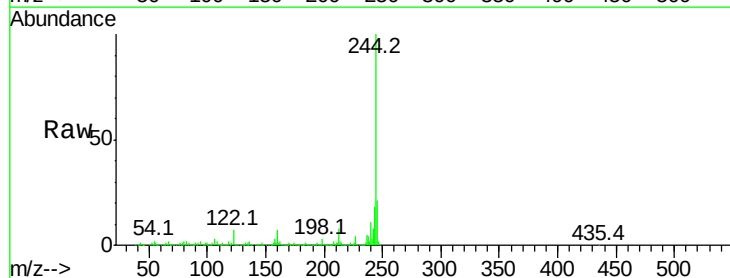
Tgt Ion:244 Resp: 1366762

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

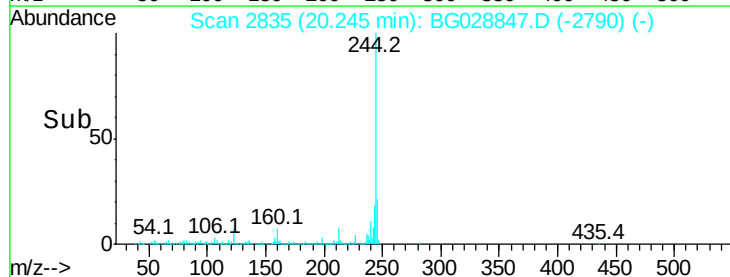
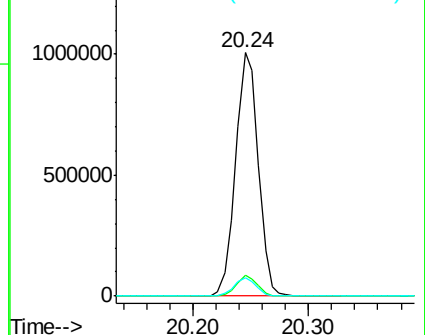
122 7.4 8.6 12.8#

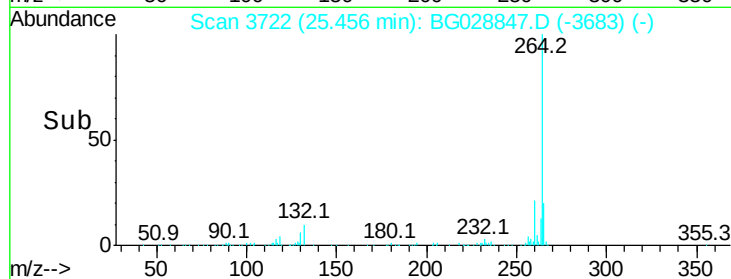
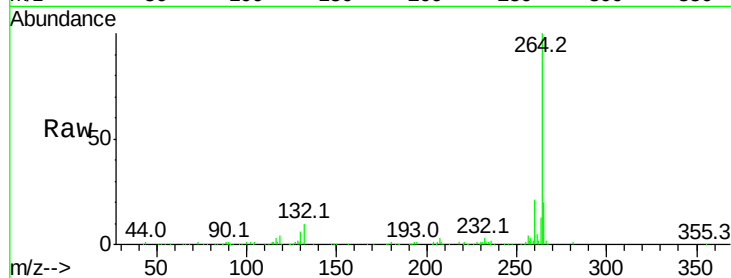
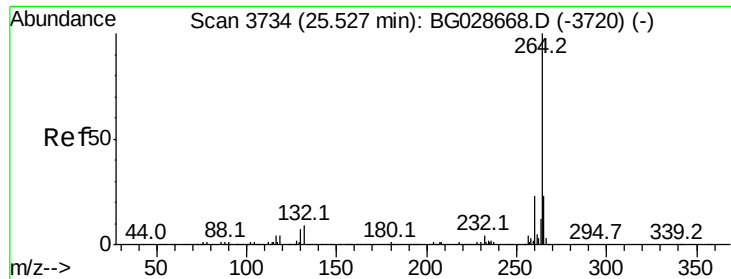


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.7	21.8	32.8#
265	20.5	18.2	27.4

