

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037214.D
 Acq On : 6 Oct 2018 15:55
 Operator : JU/SJ
 Sample : J5264-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-U-B

Quant Time: Oct 08 05:14:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

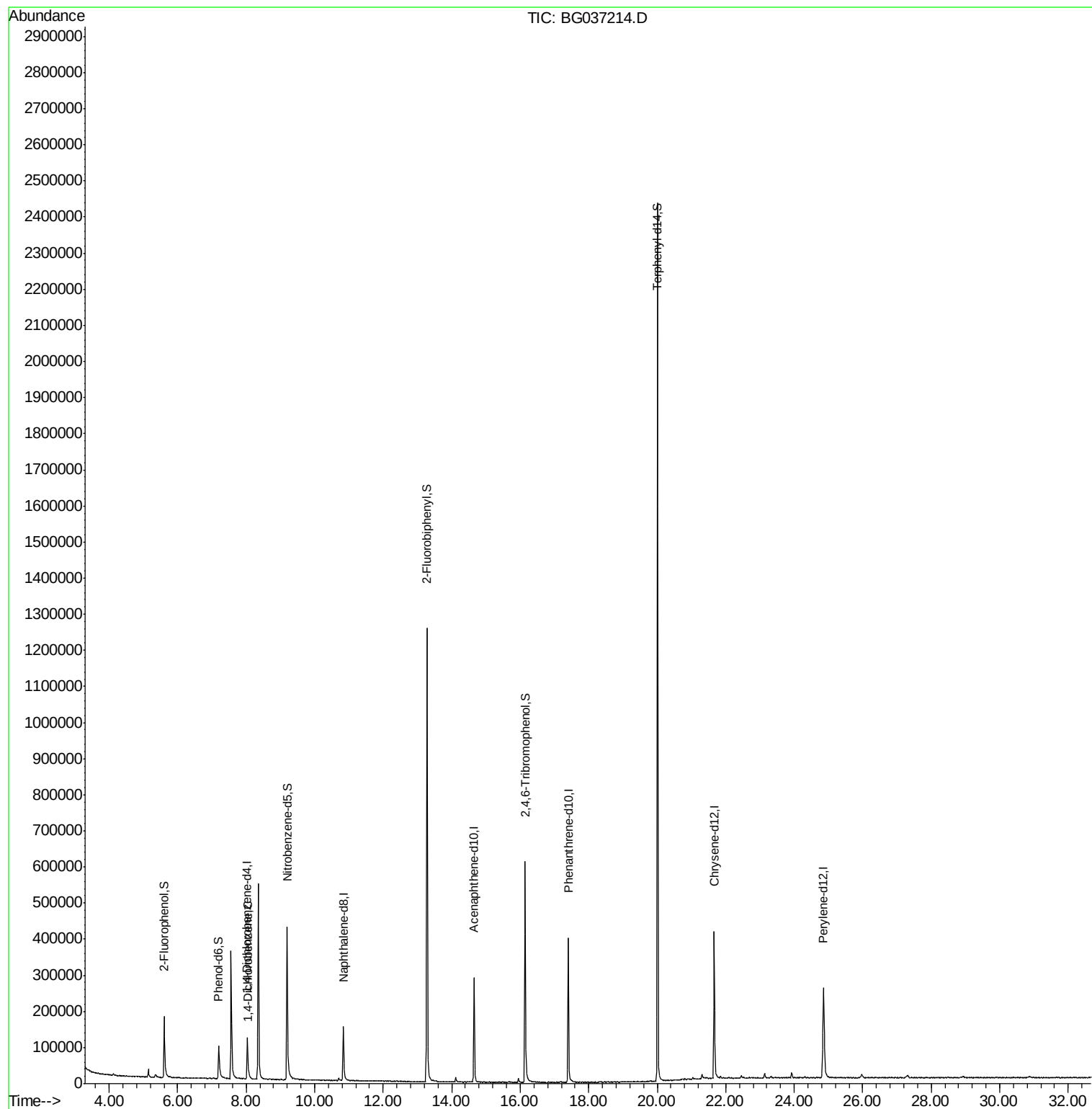
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38931	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	156303	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	108531	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	283755	20.00	ng	-0.02
75) Chrysene-d12	21.66	240	287967	20.00	ng	-0.03
86) Perylene-d12	24.86	264	281944	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	91717	45.18	ng	-0.02
7) Phenol-d6	7.20	99	78561	25.01	ng	-0.02
23) Nitrobenzene-d5	9.19	82	319454	109.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	126899	97.73	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	702589	96.42	ng	-0.02
78) Terphenyl-d14	20.01	244	1215276	110.97	ng	-0.02
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	8.07	146	7752	2.621	ng	95

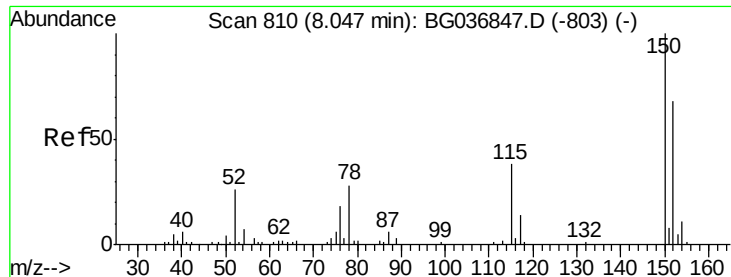
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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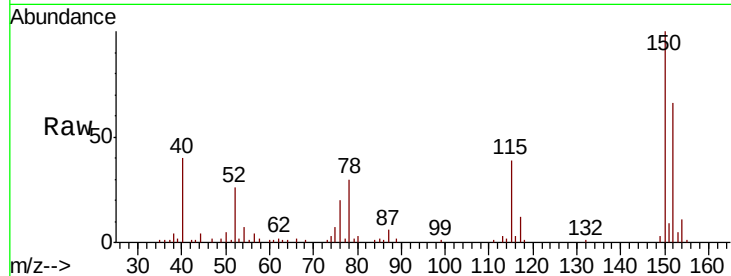


#1

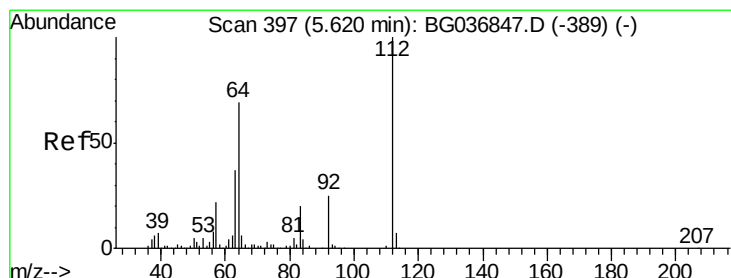
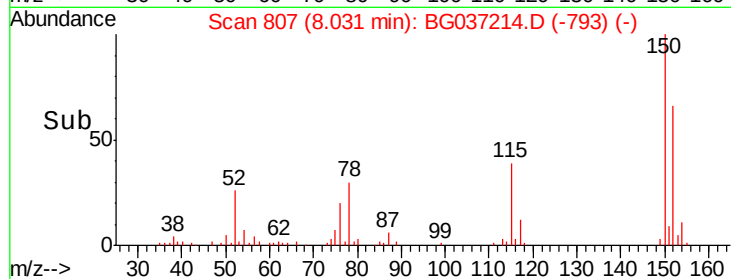
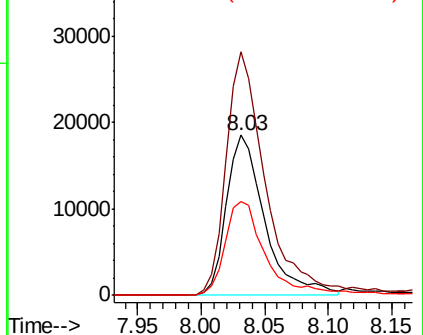
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tot Ion:152 Resp: 38931
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 58.7 44.5 66.7



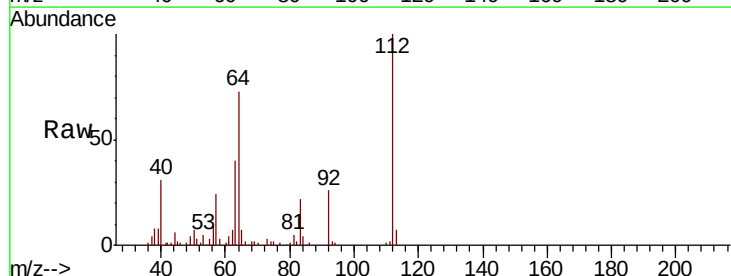
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



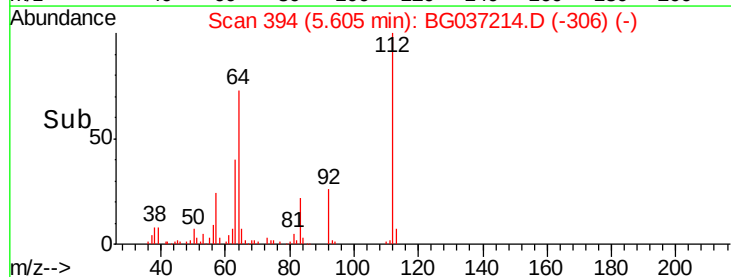
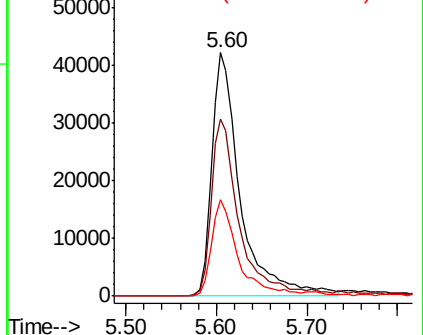
#5

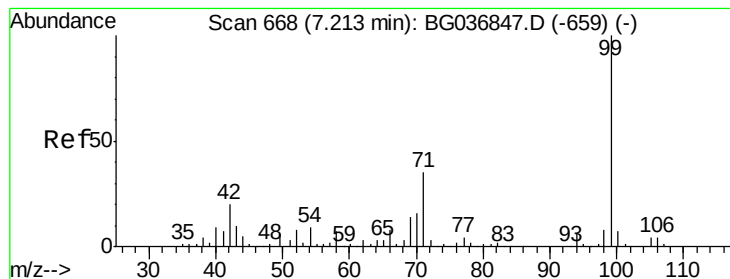
2-Fluorophenol
Concen: 45.181 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:112 Resp: 91717
Ion Ratio Lower Upper
112 100
64 72.7 57.2 85.8
63 39.7 30.8 46.2



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: 25.013 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037214.D

Acq: 6 Oct 2018 15:55

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-U-B

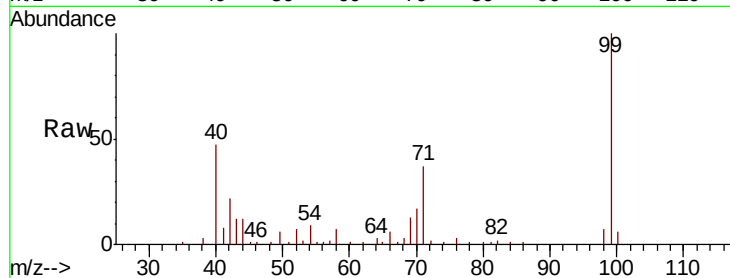
Tot Ion: 99 Resp: 78561

Ion Ratio Lower Upper

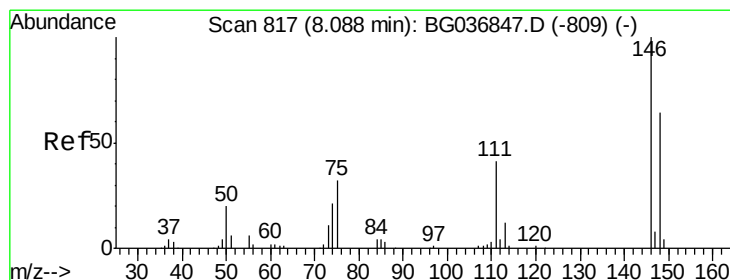
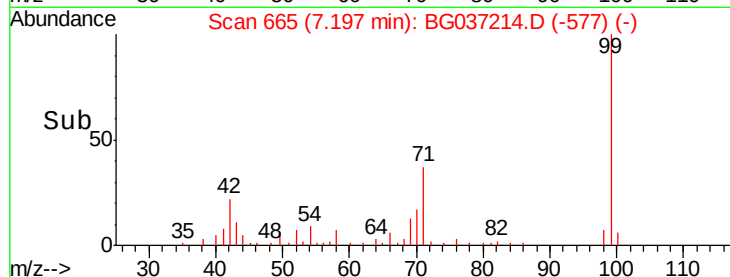
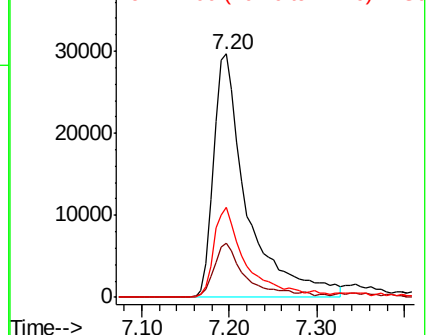
99 100

42 22.3 16.5 24.7

71 36.8 29.4 44.2



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



#13

1,4-Dichlorobenzene

Concen: 2.621 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.02 min

Lab File: BG037214.D

Acq: 6 Oct 2018 15:55

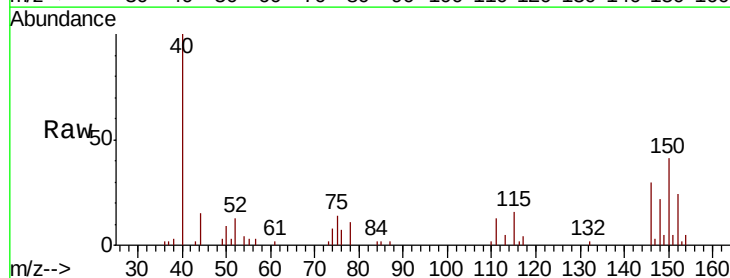
Tgt Ion: 146 Resp: 7752

Ion Ratio Lower Upper

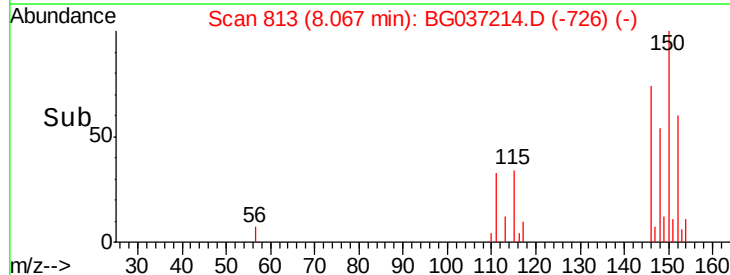
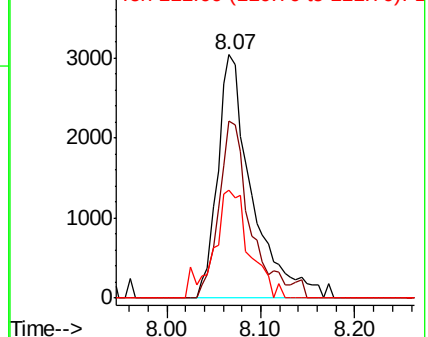
146 100

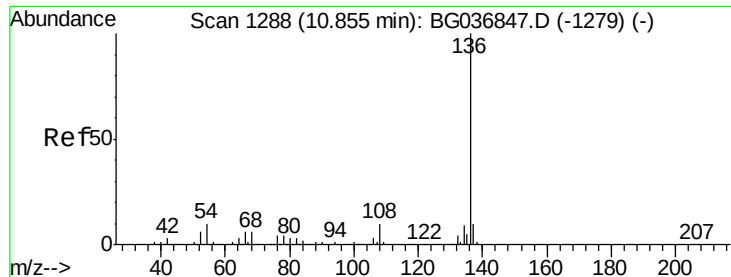
148 72.6 53.9 80.9

111 44.4 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037214.D

Acq: 6 Oct 2018 15:55

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-U-B

Tot Ion:136 Resp: 156303

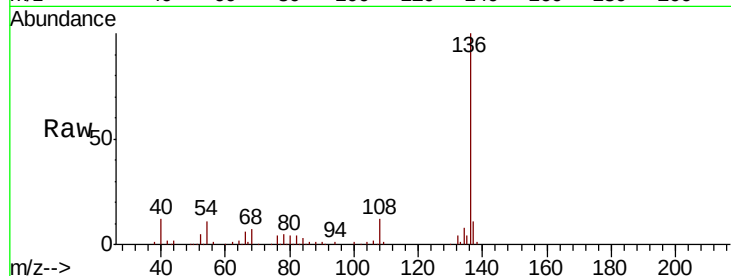
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.9 9.2 13.8

68 6.9 5.8 8.6

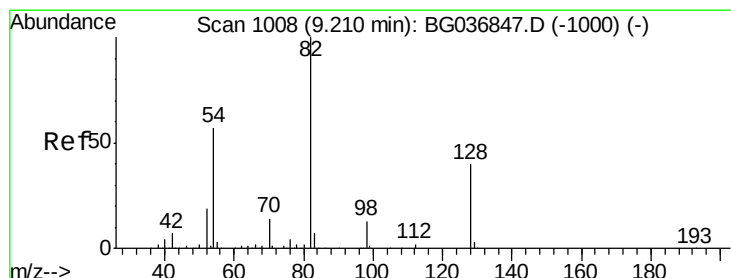
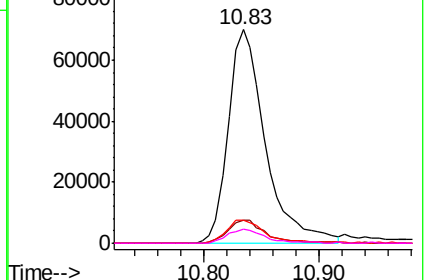
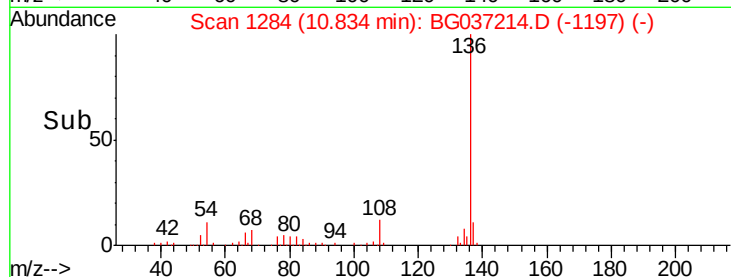


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 109.448 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BG037214.D

Acq: 6 Oct 2018 15:55

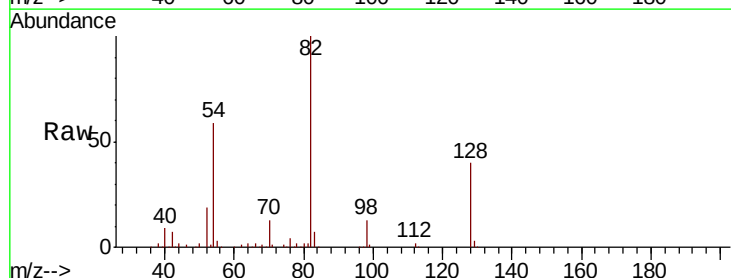
Tgt Ion: 82 Resp: 319454

Ion Ratio Lower Upper

82 100

128 40.2 33.3 49.9

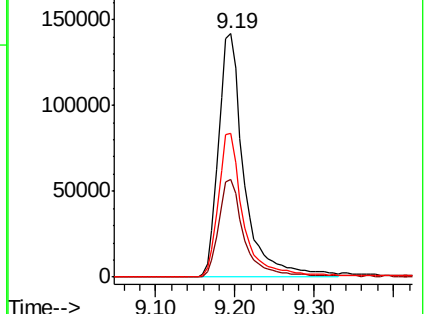
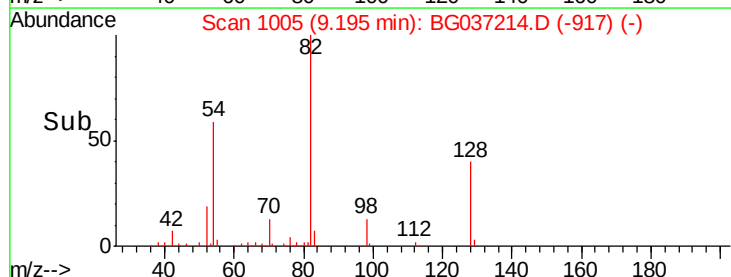
54 59.3 45.1 67.7

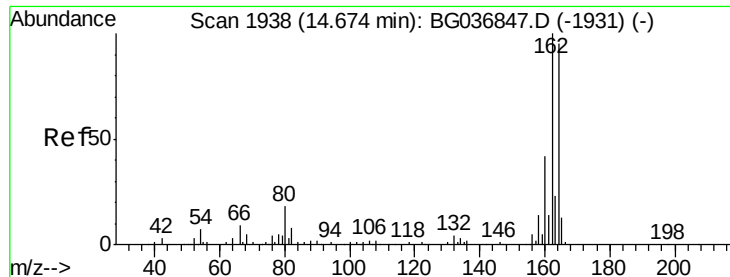


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

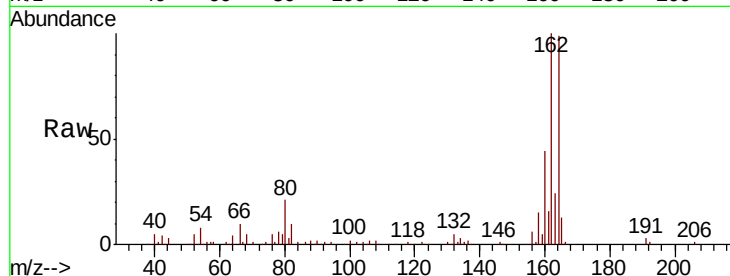




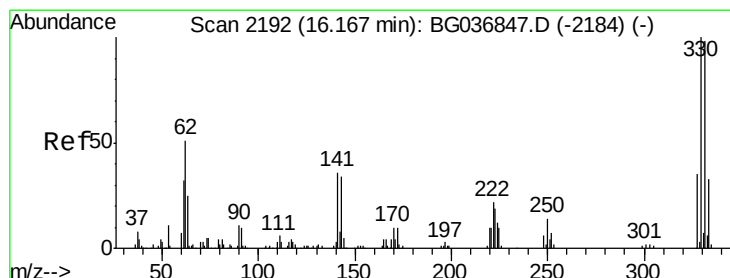
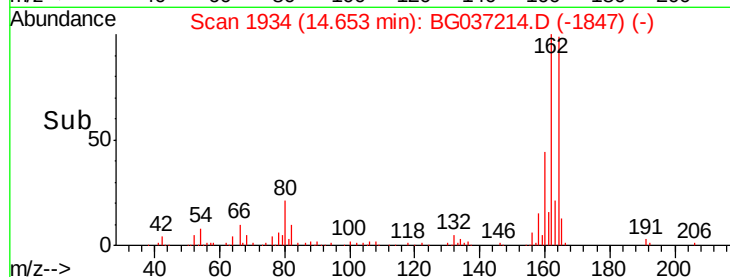
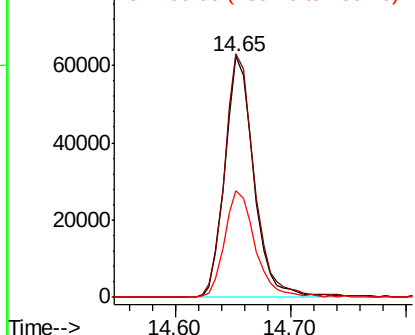
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tot Ion:164 Resp: 108531
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 44.2 35.3 52.9

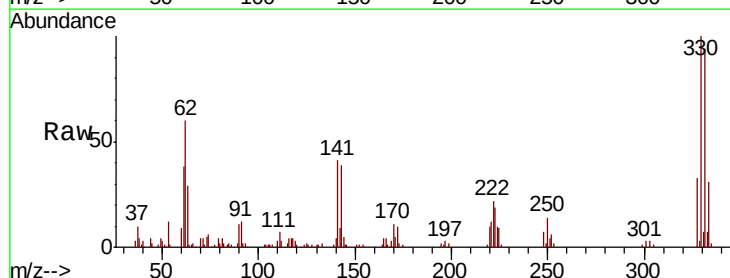


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

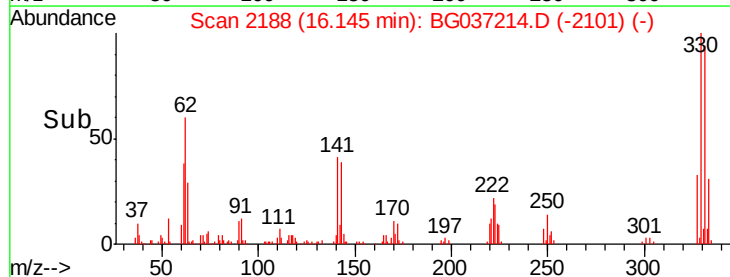
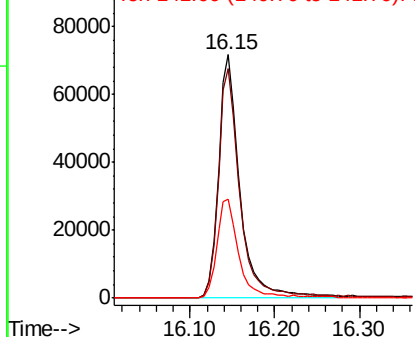


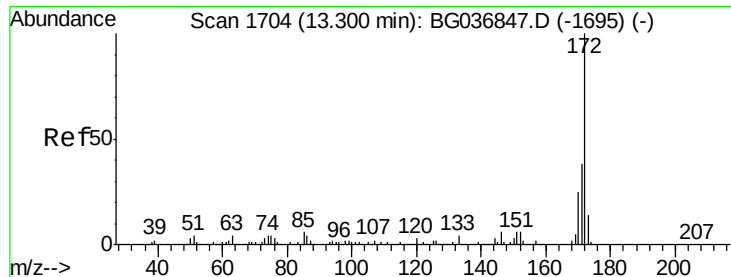
#41
2,4,6-Tribromophenol
Concen: 97.727 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion:330 Resp: 126899
Ion Ratio Lower Upper
330 100
332 95.1 75.4 113.2
141 42.6 30.7 46.1



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

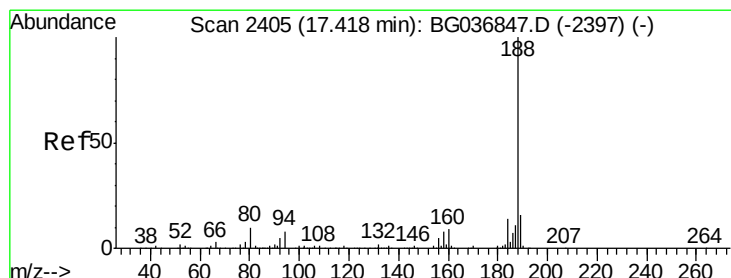
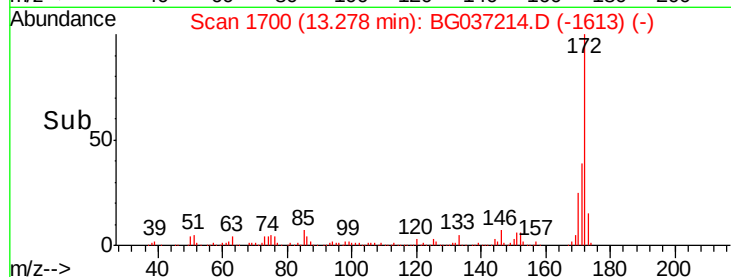
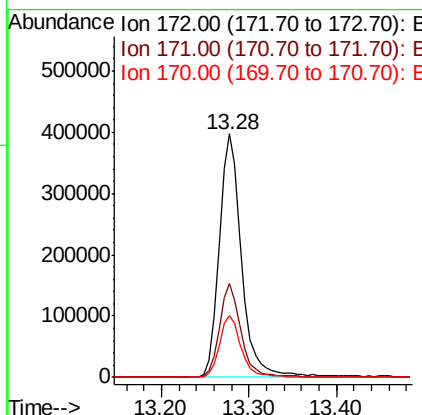
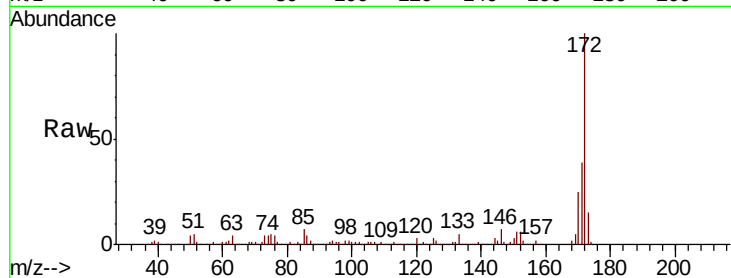




#44
2-Fluorobiphenyl
Concen: 96.418 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

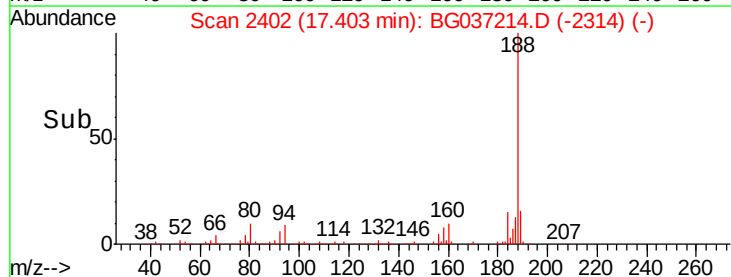
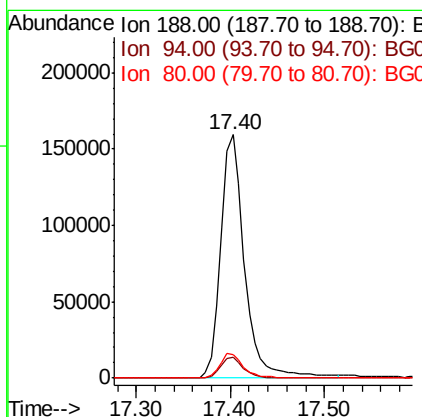
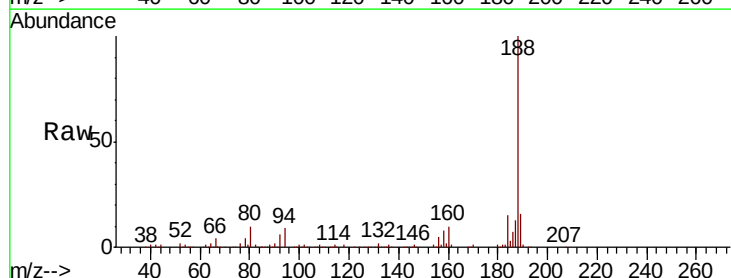
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BNA_G
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100318-DBRI-E-U-B

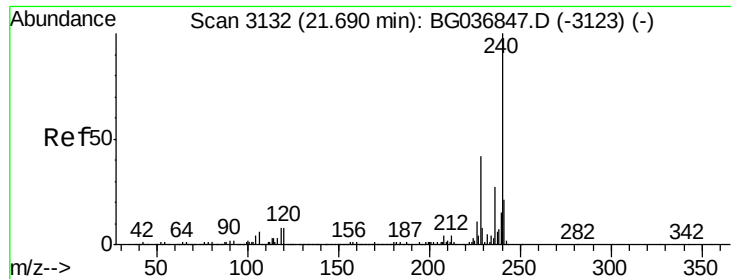
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	25.4	21.0	31.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.7	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG037214.D

Acq: 6 Oct 2018 15:55

Instrument :

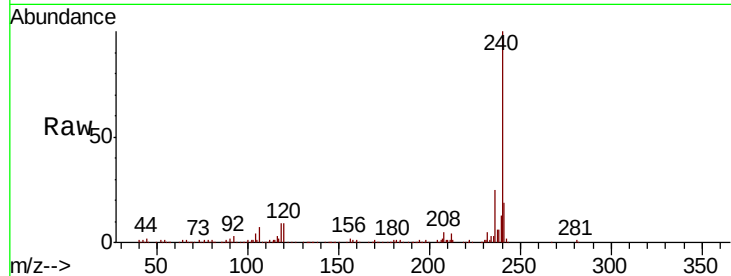
BNA_G

ClientSampleId :

100318-DBRI-E-U-B

Tot Ion:240 Resp: 287967

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	25.4	21.2	31.8

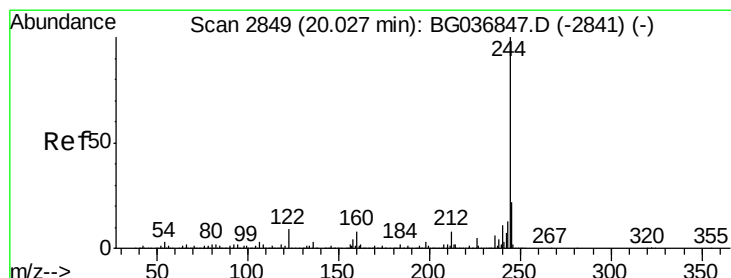
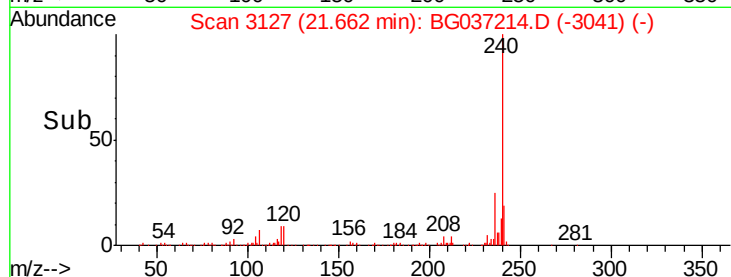
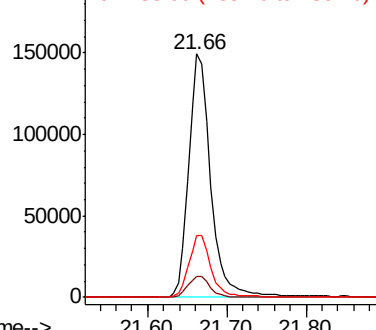


Abundance

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: 110.970 ng

RT: 20.01 min Scan# 2846

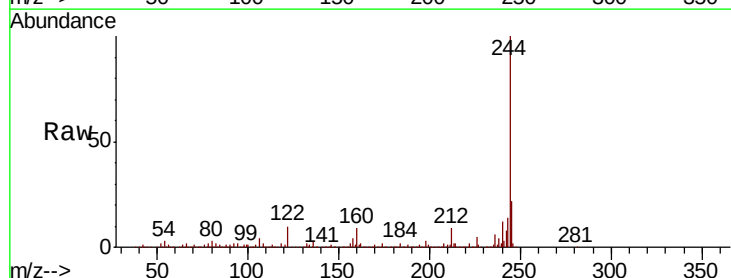
Delta R.T. -0.02 min

Lab File: BG037214.D

Acq: 6 Oct 2018 15:55

Tgt Ion:244 Resp: 1215276

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.6	7.1	10.7

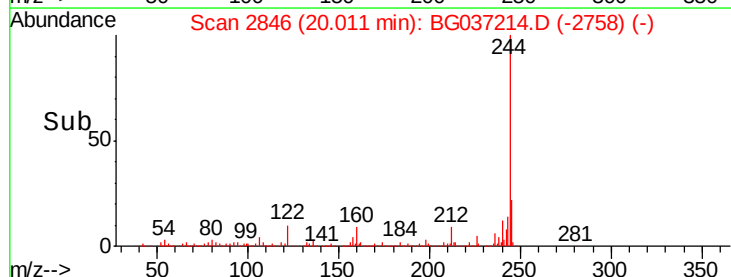
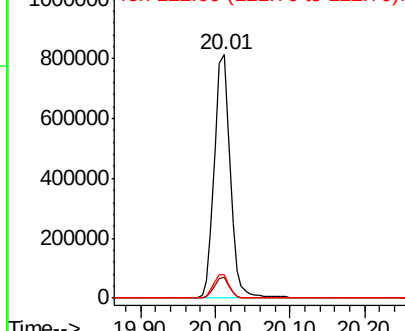


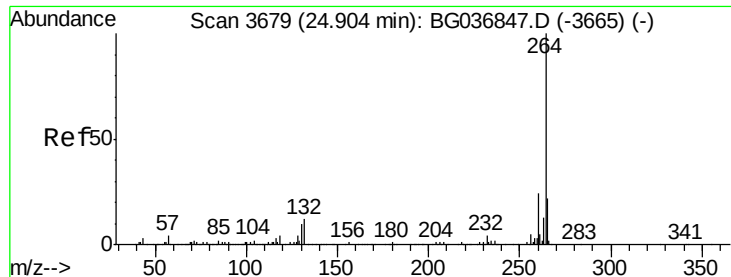
Abundance

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: 24.86 min Scan# 3671
Delta R.T. -0.04 min
Lab File: BG037214.D
Acq: 6 Oct 2018 15:55

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	20.5	17.4	26.0

