

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037177.D
 Acq On : 5 Oct 2018 6:44
 Operator : JU/SJ
 Sample : J5241-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100218-DBRI-E-U-B

Quant Time: Oct 05 08:49:42 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

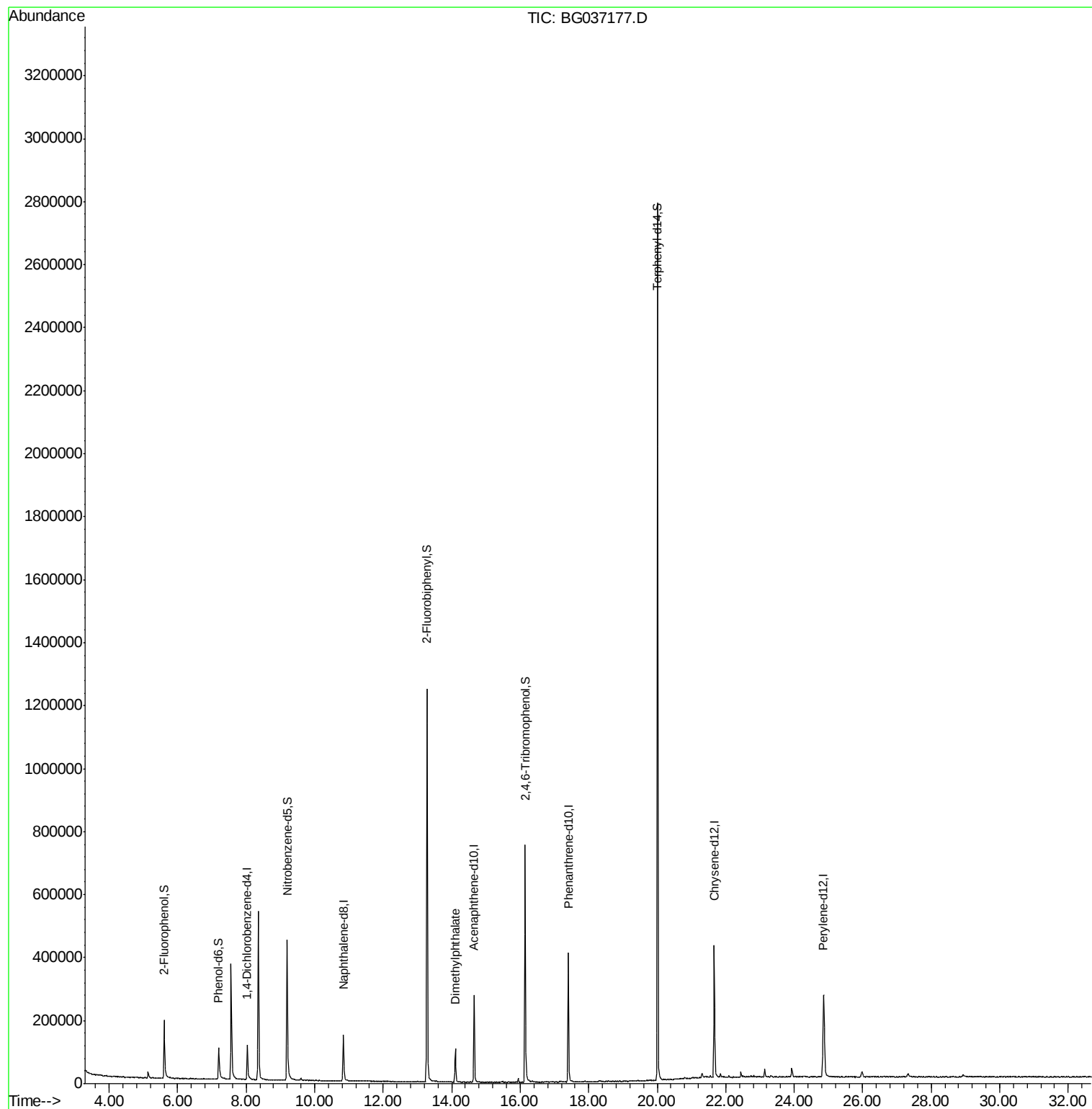
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37955	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	157893	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	103291	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	276590	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	292762	20.00	ng	-0.02
86) Perylene-d12	24.86	264	284508	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	96595	48.81	ng	-0.02
7) Phenol-d6	7.20	99	82455	26.93	ng	-0.02
23) Nitrobenzene-d5	9.19	82	331783	112.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	146118	118.24	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	704087	101.52	ng	-0.02
78) Terphenyl-d14	20.01	244	1334217	119.83	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.11	163	81844	9.844	ng	Qvalue # 98

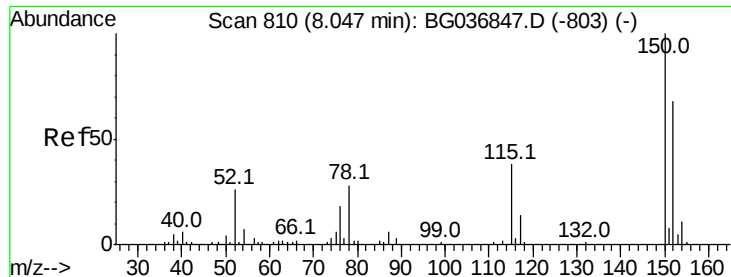
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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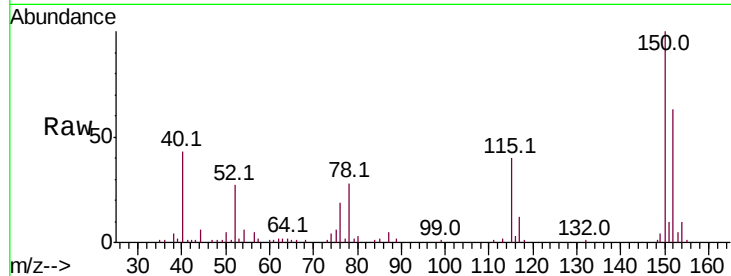


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
100218-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.5	179.3
115	63.0	44.5	66.7

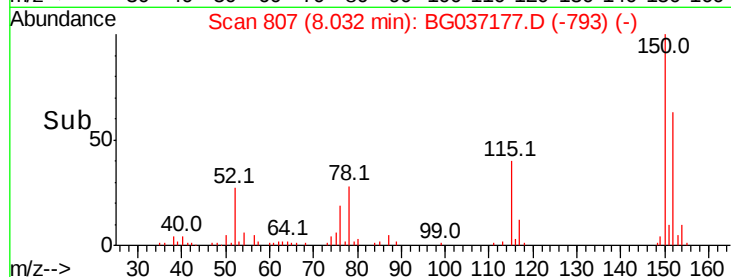
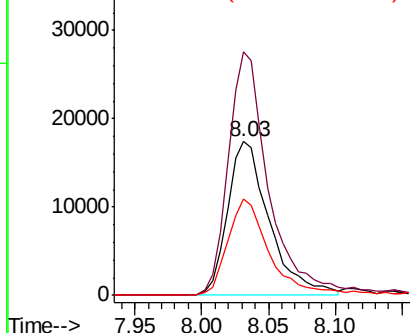


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

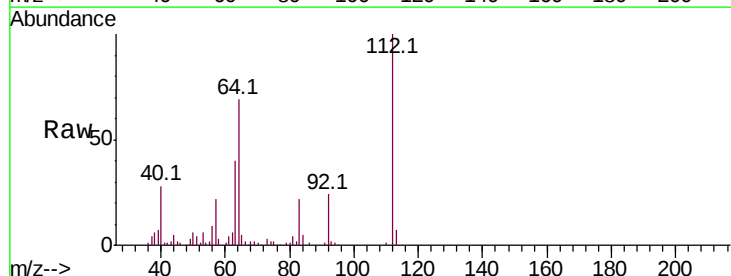
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.807 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	57.2	85.8
63	40.1	30.8	46.2

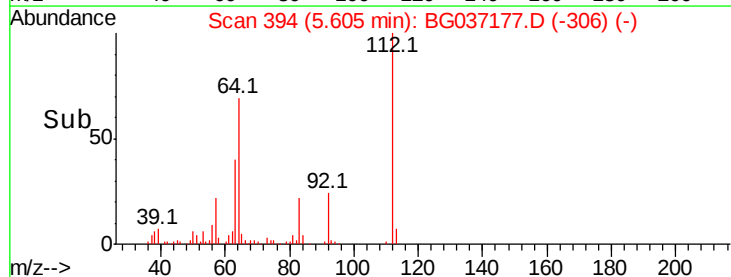
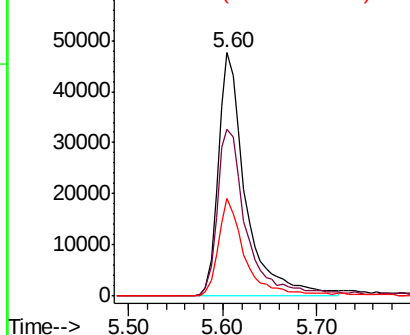


Abundance

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: 26.928 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

100218-DBRI-E-U-B

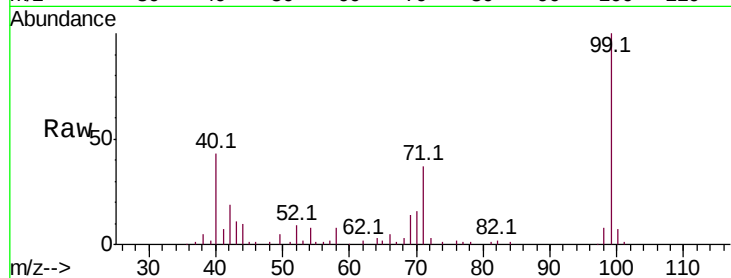
Tot Ion: 99 Resp: 82455

Ion Ratio Lower Upper

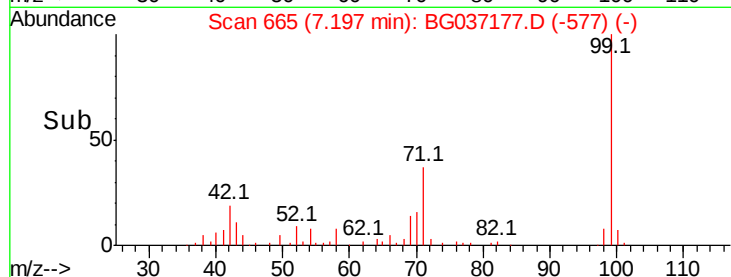
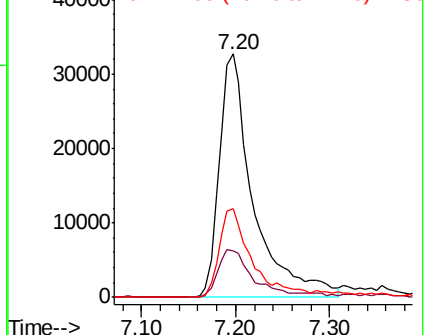
99 100

42 19.0 16.5 24.7

71 36.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

Tgt Ion: 136 Resp: 157893

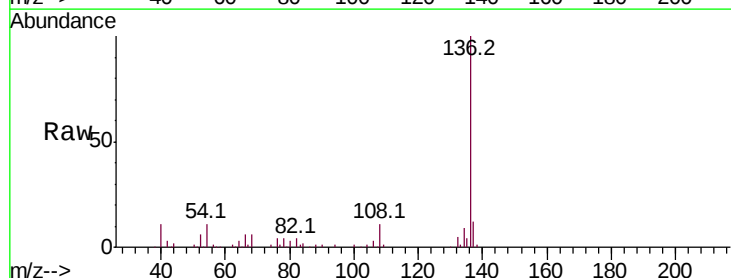
Ion Ratio Lower Upper

136 100

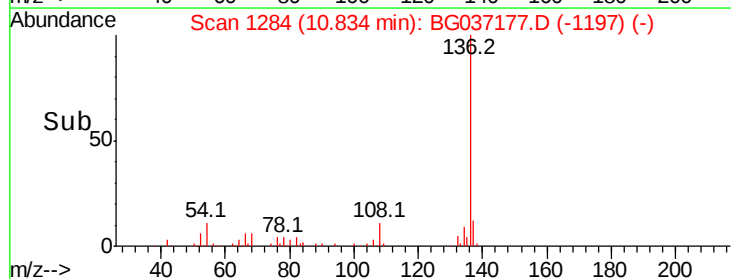
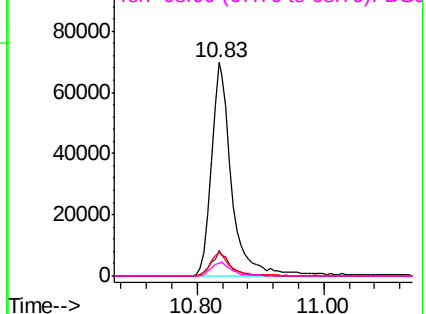
137 11.9 8.8 13.2

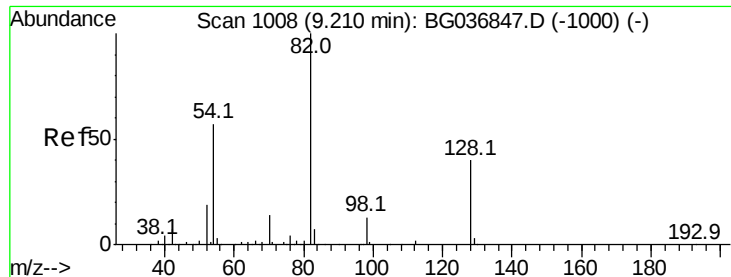
54 10.6 9.2 13.8

68 6.3 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

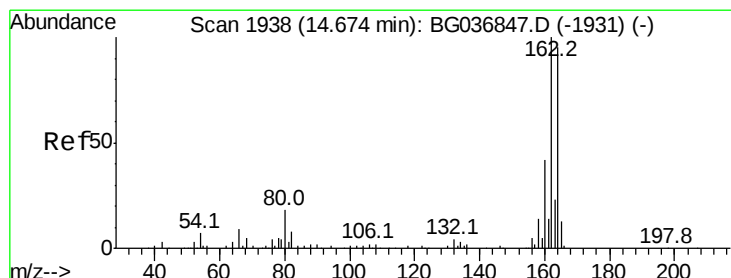
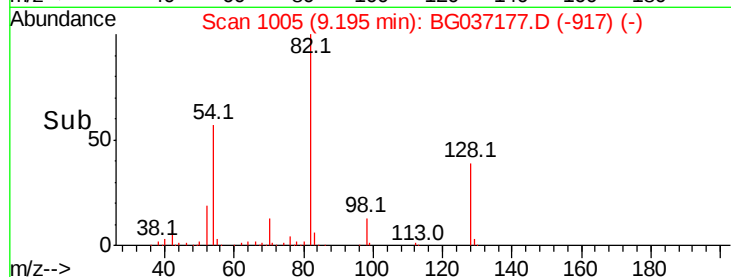
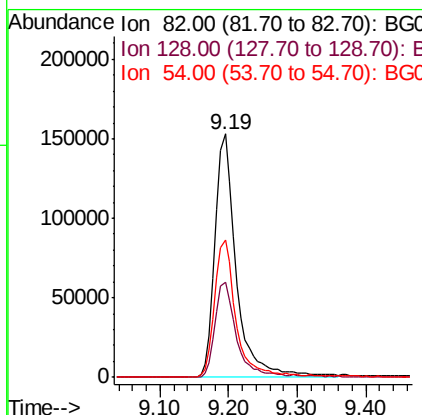
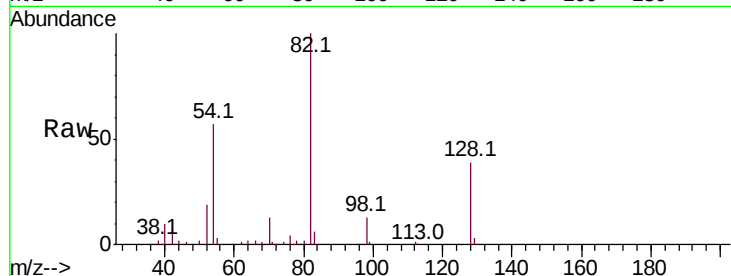




#23
Nitrobenzene-d5
Concen: 112.528 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

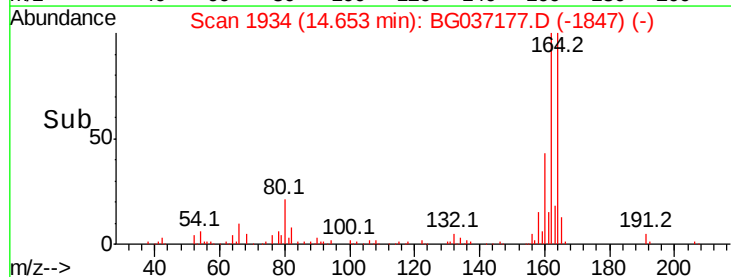
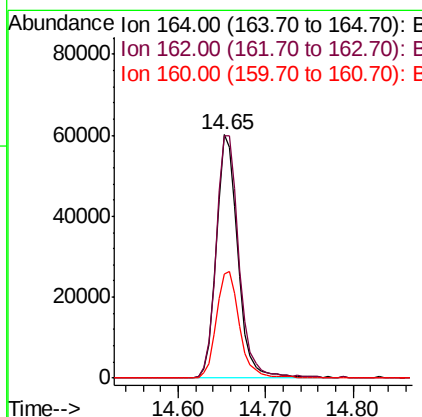
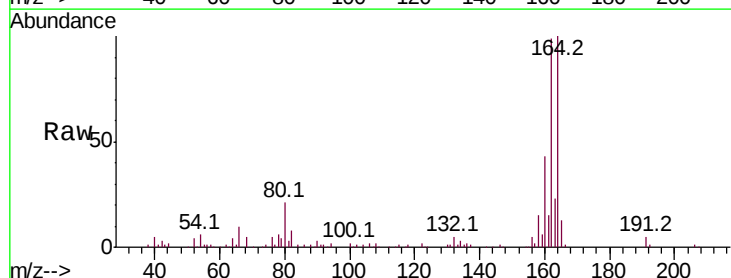
Instrument :
BNA_G
ClientSampleId :
100218-DBRI-E-U-B

Tot Ion	82	Resp	331783
Ion Ratio	Lower	Upper	
82	100		
128	39.1	33.3	49.9
54	56.5	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Tgt Ion	164	Resp	103291
Ion Ratio	Lower	Upper	
164	100		
162	99.3	80.7	121.1
160	42.9	35.3	52.9

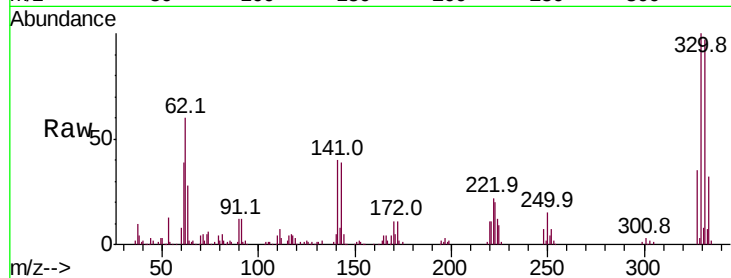




#41
 2,4,6-Tribromophenol
 Concen: 118.236 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037177.D
 Acq: 5 Oct 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :
 100218-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	41.5	30.7	46.1

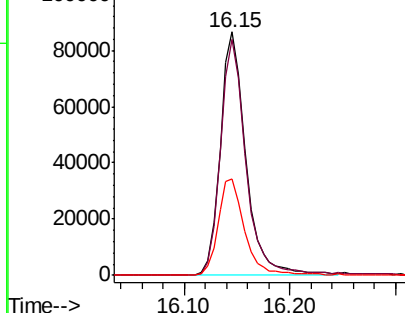
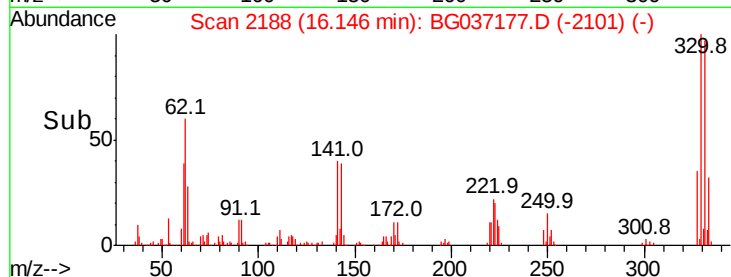


Abundance

Ion 329.80 (329.50 to 330.50): E

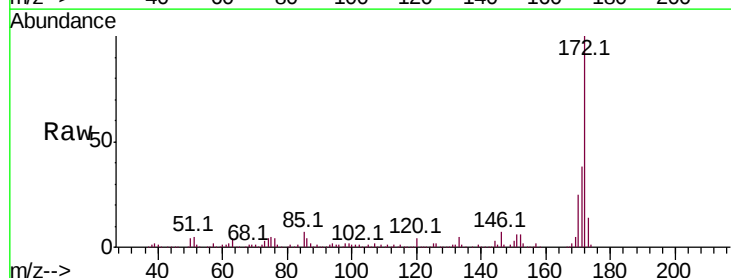
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.525 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037177.D
 Acq: 5 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.5	21.0	31.6

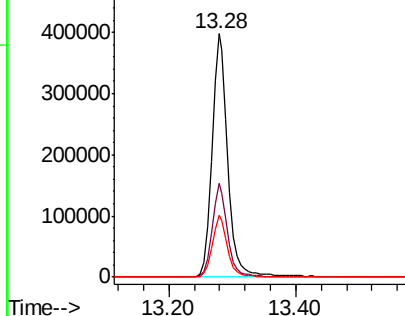
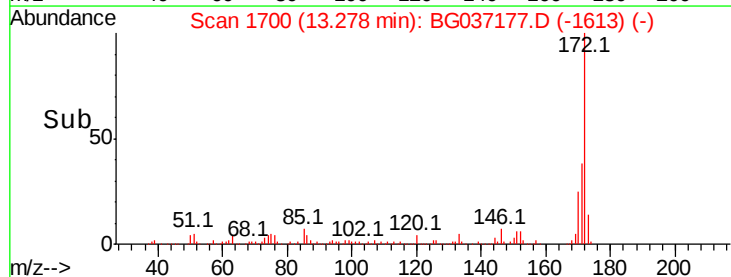


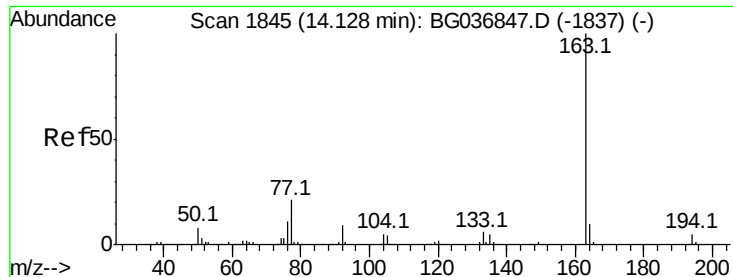
Abundance

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: 9.844 ng

RT: 14.11 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

100218-DBRI-E-U-B

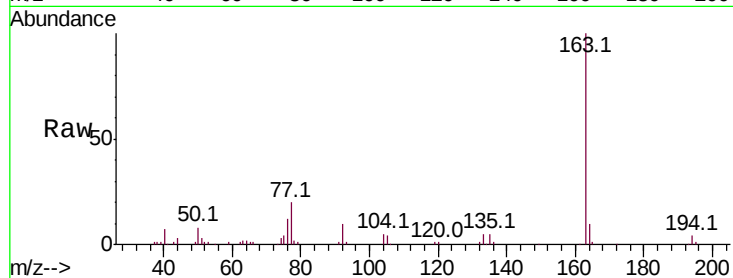
Tot Ion:163 Resp: 81844

Ion Ratio Lower Upper

163 100

194 3.7 4.0 6.0#

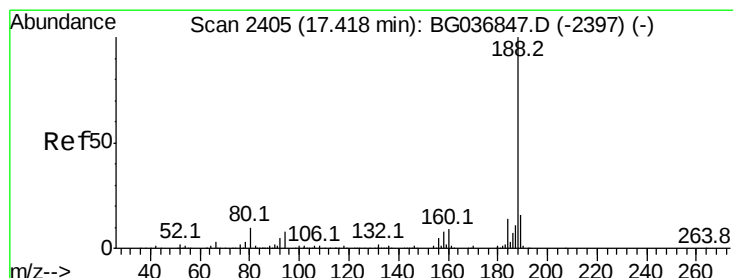
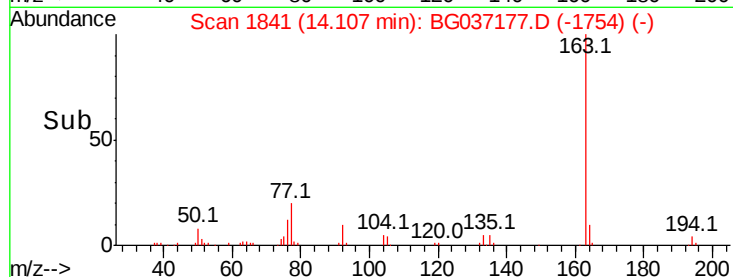
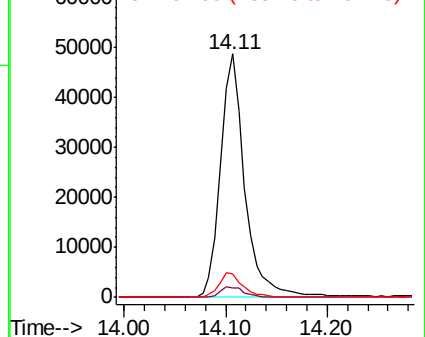
164 9.6 8.1 12.1



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: 17.40 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

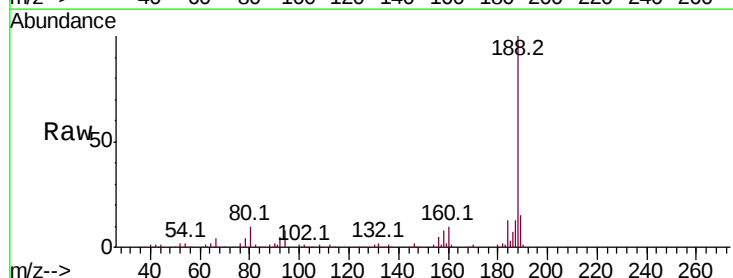
Tgt Ion:188 Resp: 276590

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

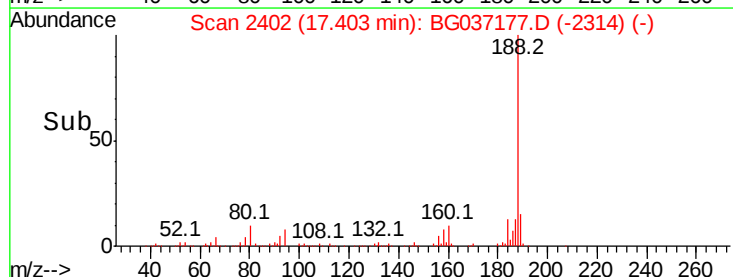
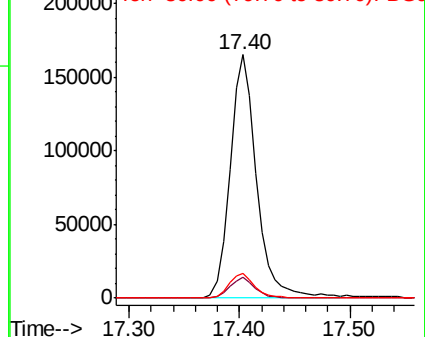
80 10.0 8.1 12.1

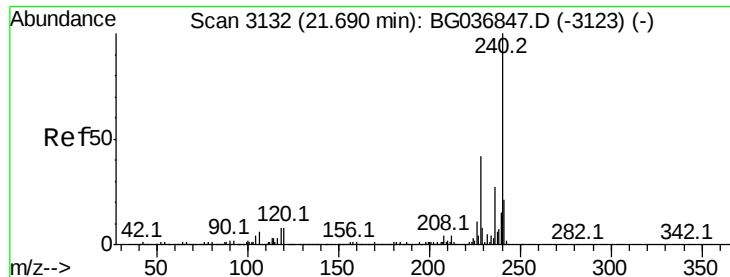


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

Instrument :

BNA_G

ClientSampleId :

100218-DBRI-E-U-B

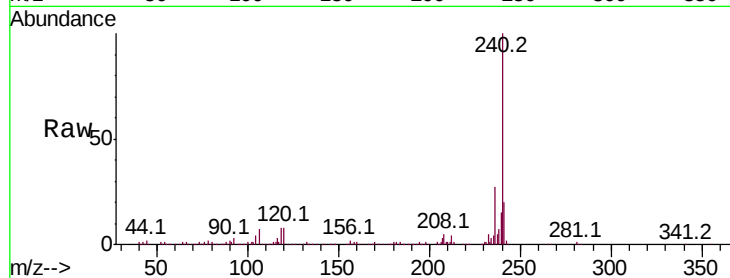
Tot Ion:240 Resp: 292762

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

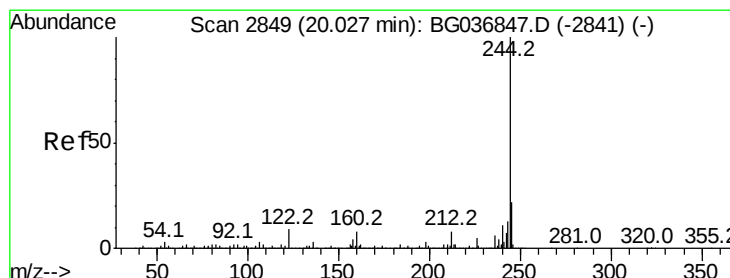
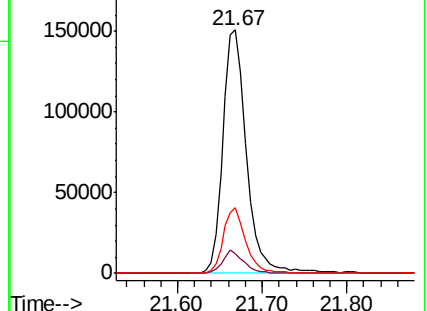
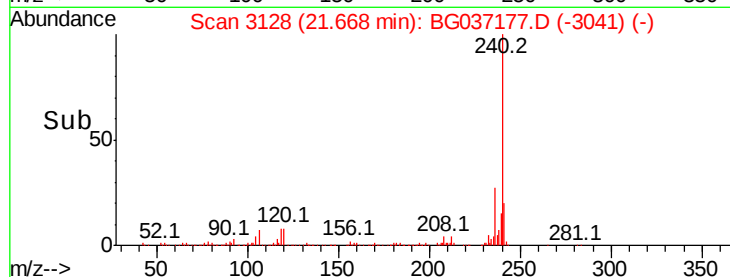
236 26.9 21.2 31.8



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: 119.835 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037177.D

Acq: 5 Oct 2018 6:44

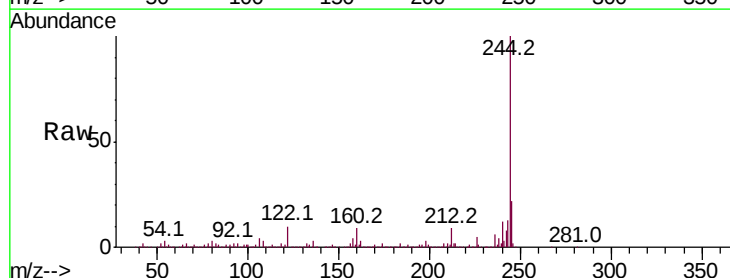
Tgt Ion:244 Resp: 1334217

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

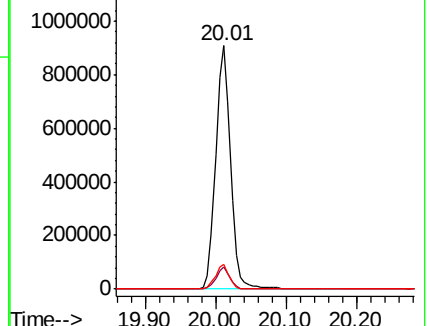
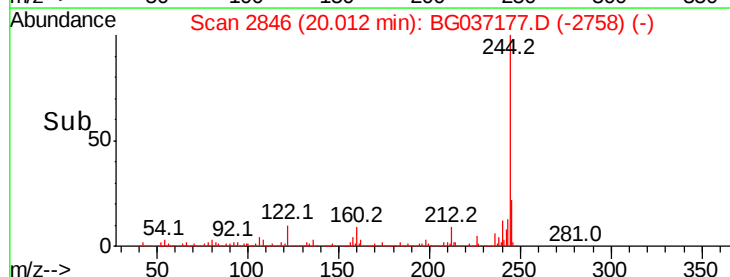
122 10.1 7.1 10.7

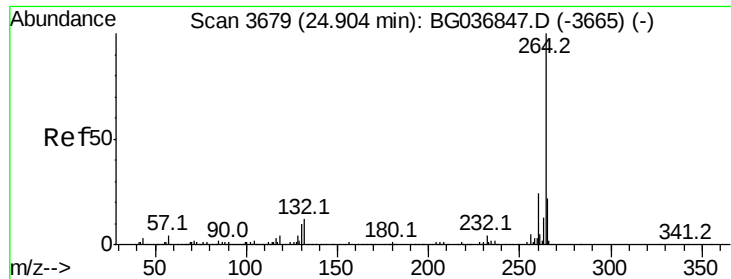


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3672
Delta R.T. -0.04 min
Lab File: BG037177.D
Acq: 5 Oct 2018 6:44

Instrument :
BNA_G
ClientSampleId :
100218-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	20.9	17.4	26.0

