

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037167.D
 Acq On : 4 Oct 2018 22:42
 Operator : JU/SJ
 Sample : J5237-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FBGW10318

Quant Time: Oct 05 01:51:02 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	8.04	152	36241	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	148948	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	104117	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	278428	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	291639	20.00	ng	-0.02
86) Perylene-d12	24.87	264	284313	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	107606	56.94	ng	-0.01
7) Phenol-d6	7.20	99	88519	30.28	ng	-0.02
23) Nitrobenzene-d5	9.19	82	257834	92.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	136610	109.67	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	575735	82.36	ng	-0.02
78) Terphenyl-d14	20.01	244	1081109	97.48	ng	-0.02

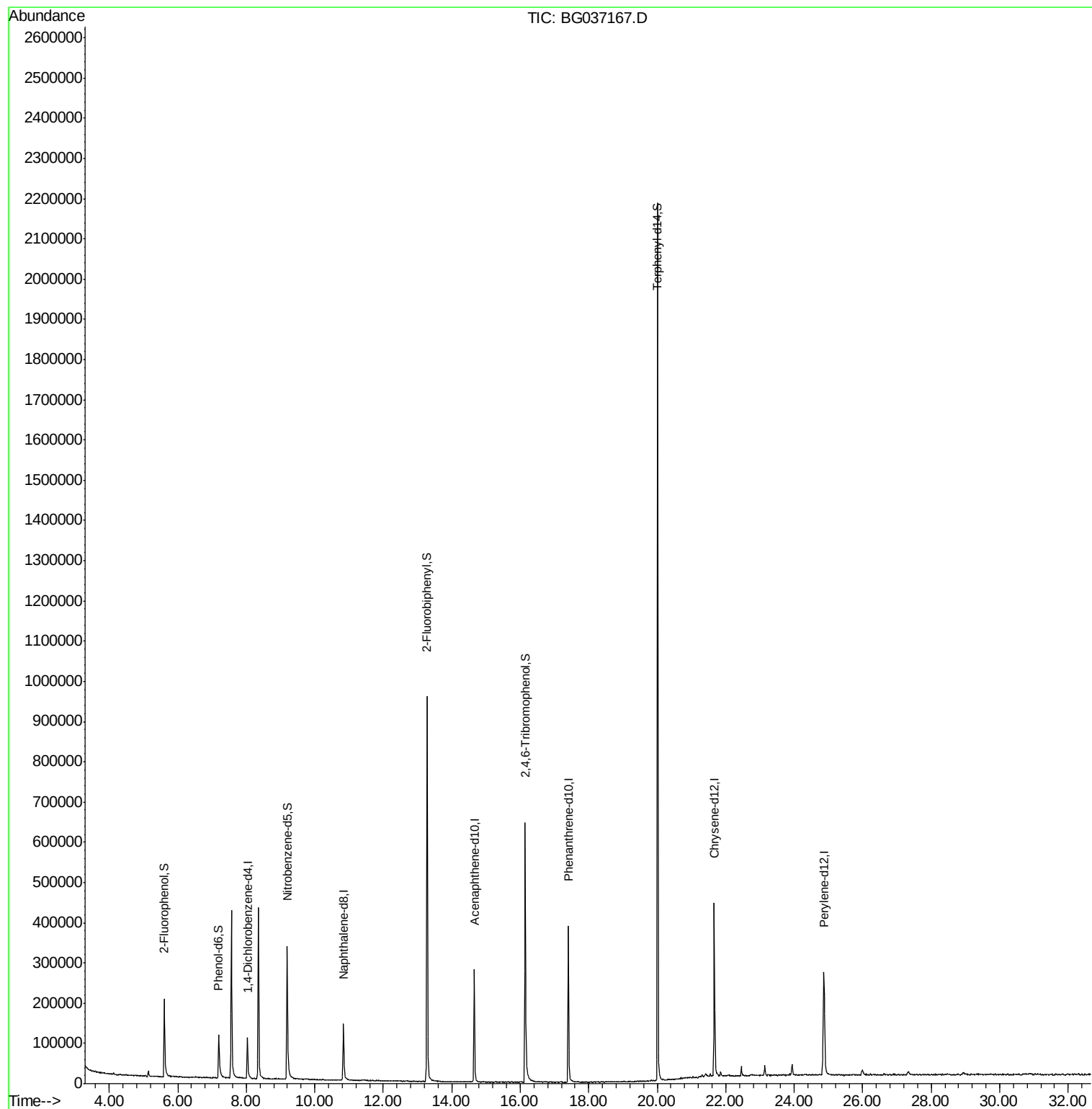
Target Compounds Qvalue

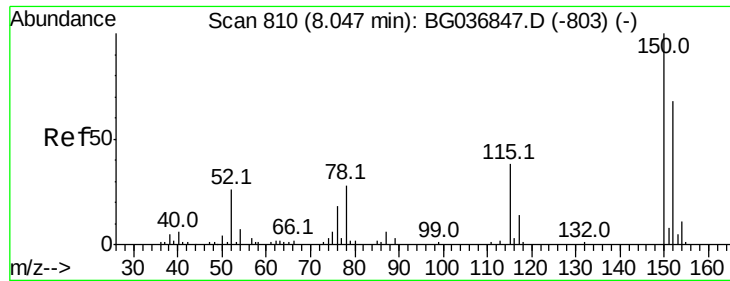
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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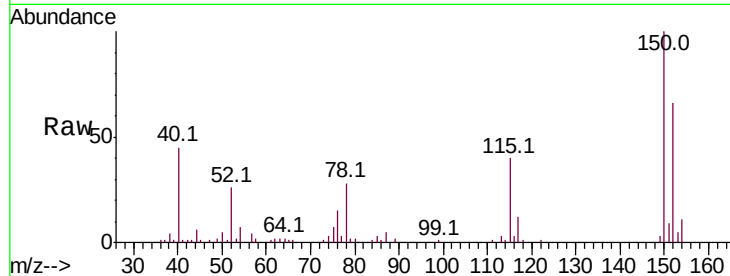


#1

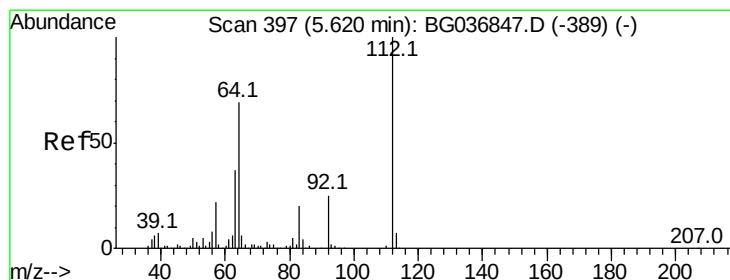
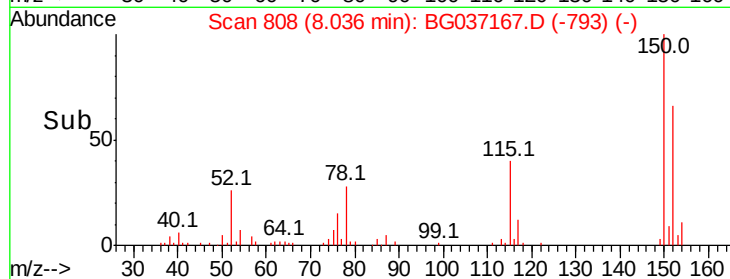
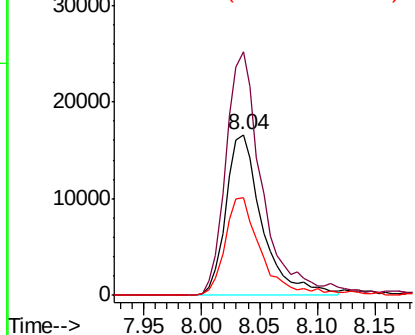
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
FBGW10318

Tot Ion:152 Resp: 36241
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 60.9 44.5 66.7



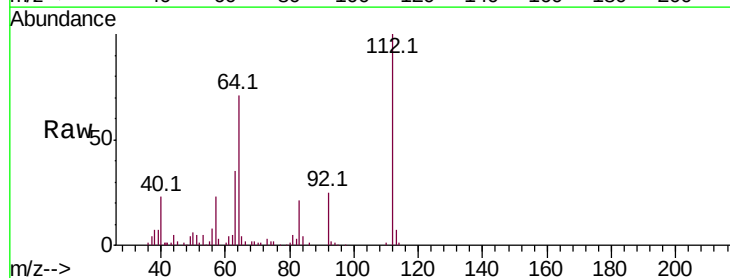
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



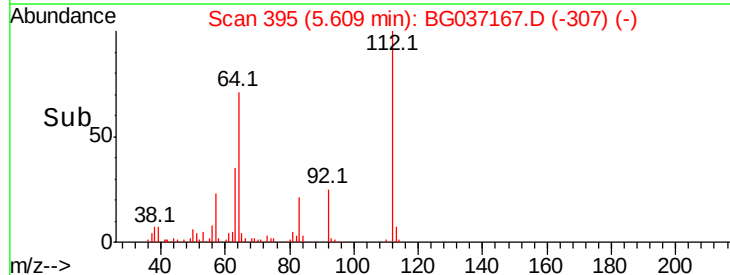
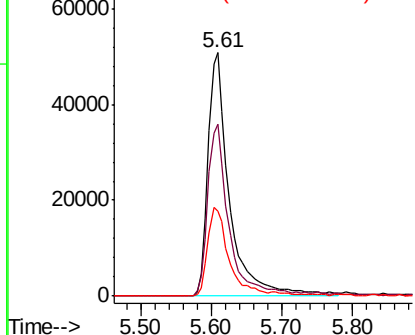
#5

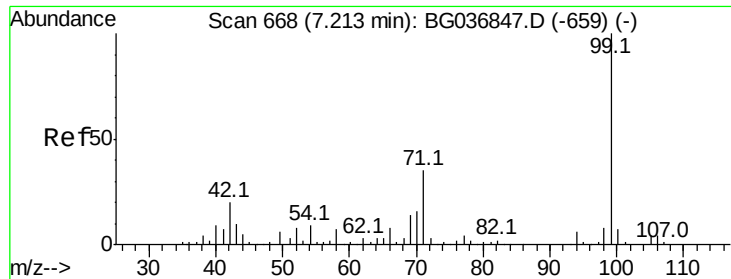
2-Fluorophenol
Concen: 56.942 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Tgt Ion:112 Resp: 107606
Ion Ratio Lower Upper
112 100
64 70.9 57.2 85.8
63 35.1 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: 30.276 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037167.D

Acq: 4 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

FBGW10318

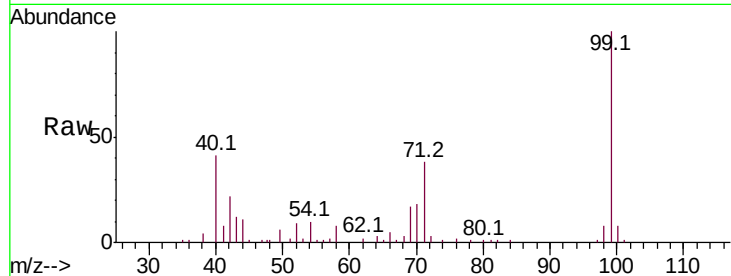
Tot Ion: 99 Resp: 88519

Ion Ratio Lower Upper

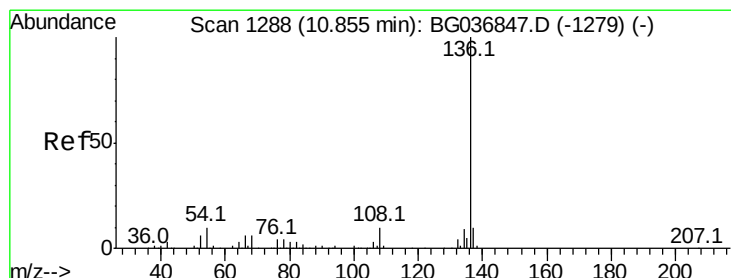
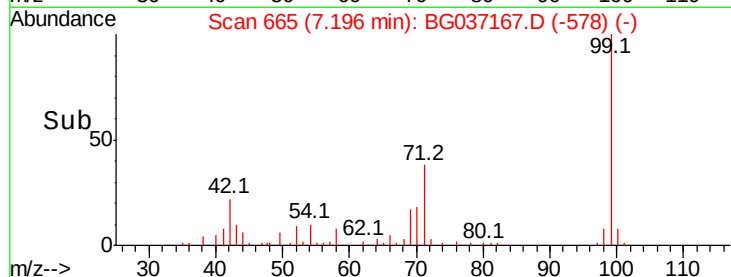
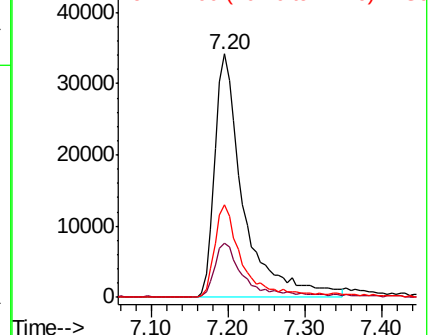
99 100

42 22.4 16.5 24.7

71 38.1 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: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037167.D

Acq: 4 Oct 2018 22:42

Tgt Ion:136 Resp: 148948

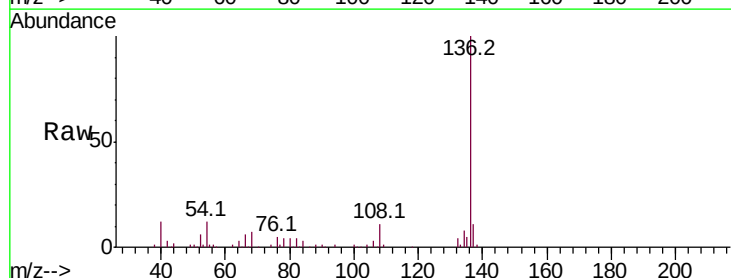
Ion Ratio Lower Upper

136 100

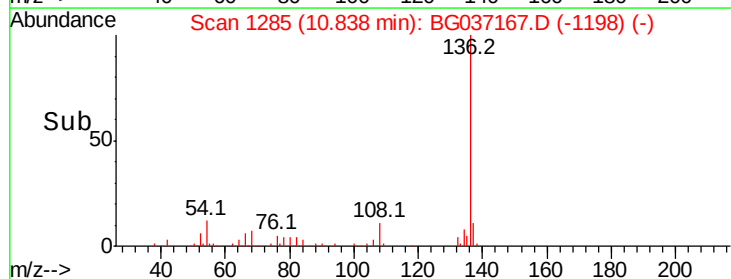
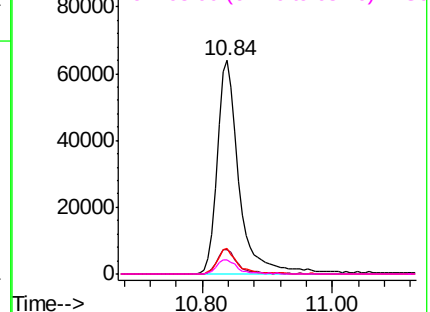
137 11.3 8.8 13.2

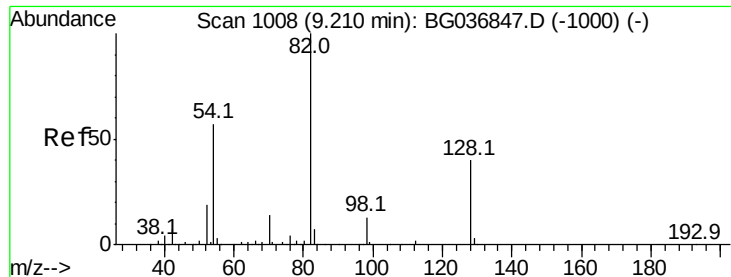
54 12.1 9.2 13.8

68 6.5 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

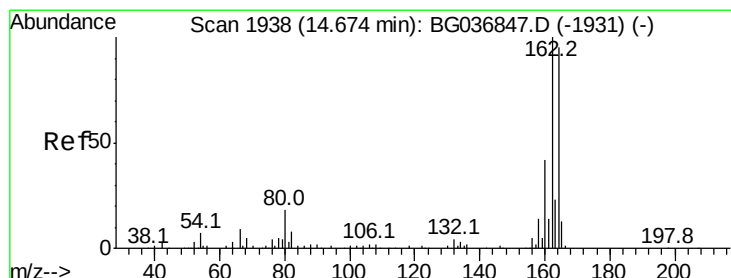
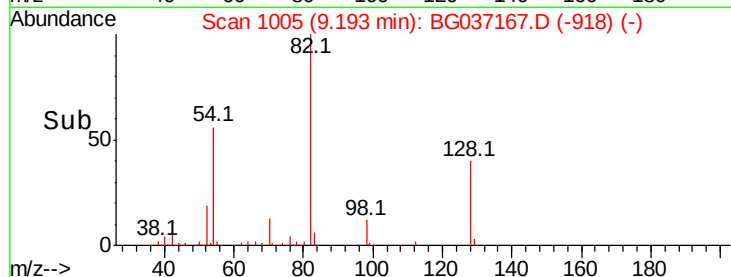
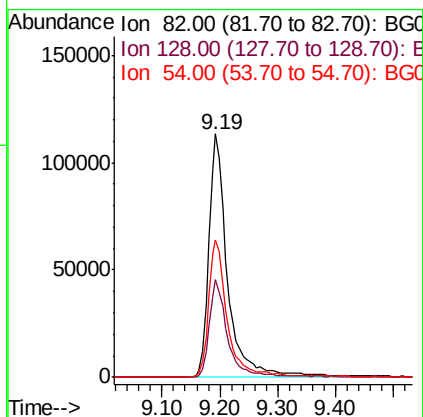
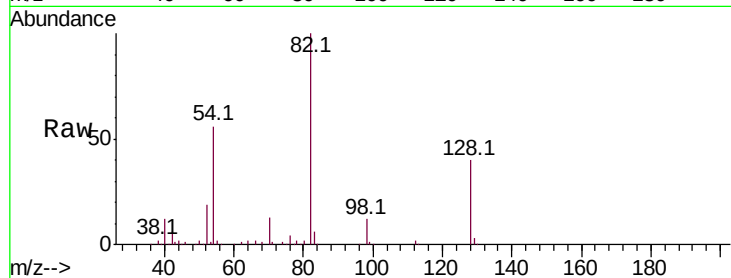




#23
Nitrobenzene-d5
Concen: 92.699 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

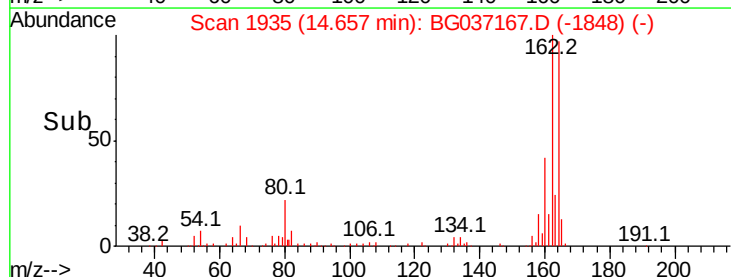
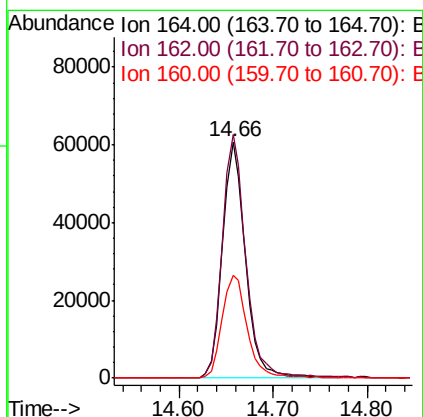
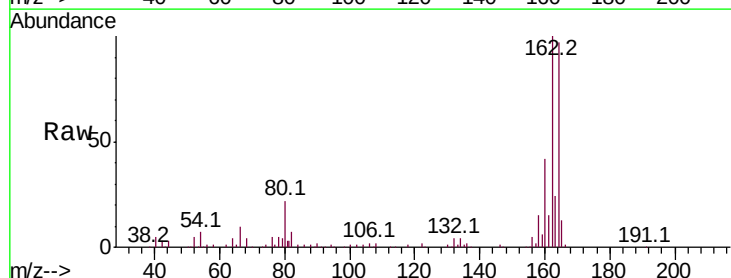
Instrument :
BNA_G
ClientSampleId :
FBGW10318

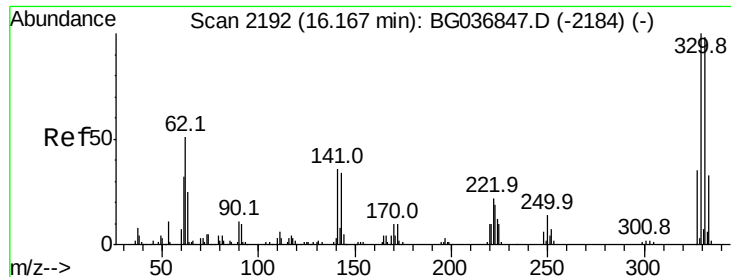
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	56.3	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	43.7	35.3	52.9

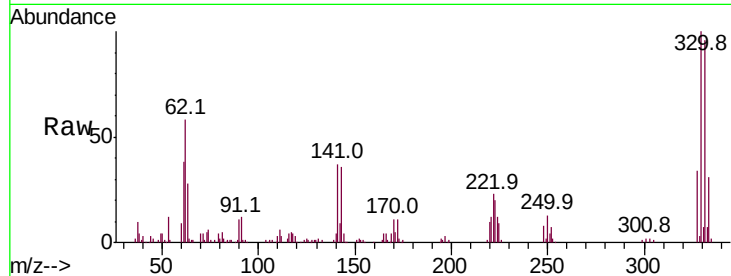




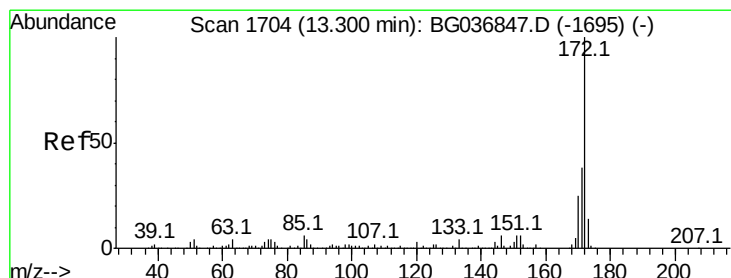
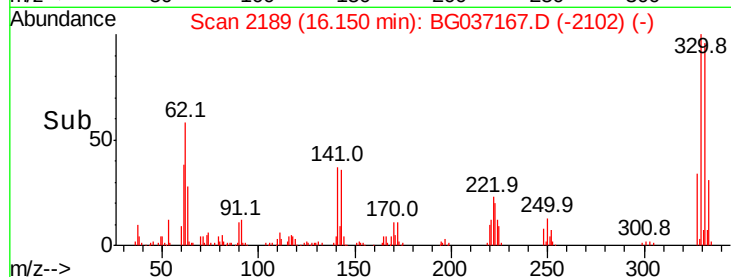
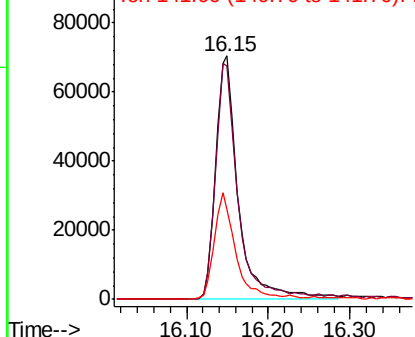
#41
 2,4,6-Tribromophenol
 Concen: 109.666 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037167.D
 Acq: 4 Oct 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 FBGW10318

Tot Ion:330 Resp: 136610
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.2
 141 41.8 30.7 46.1

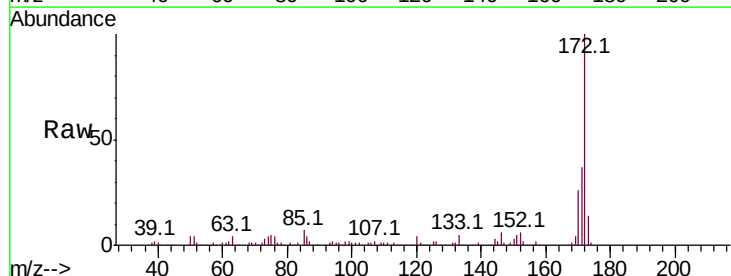


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

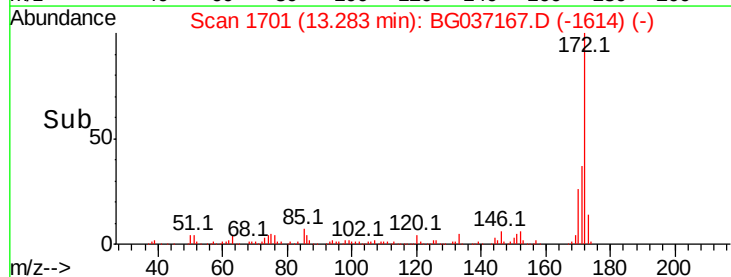
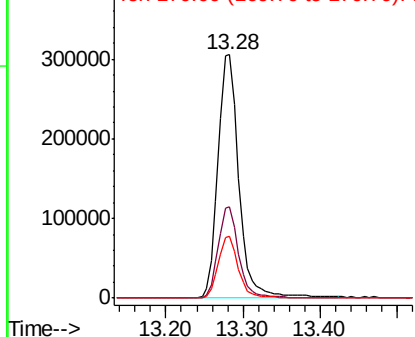


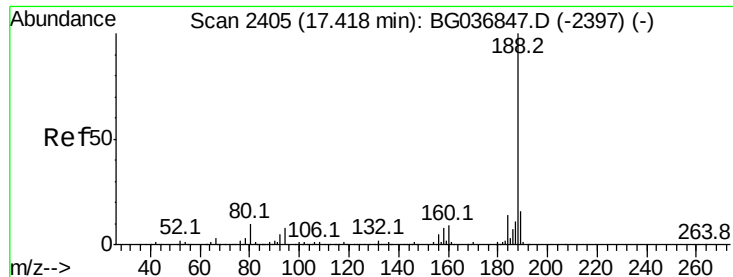
#44
 2-Fluorobiphenyl
 Concen: 82.359 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037167.D
 Acq: 4 Oct 2018 22:42

Tgt Ion:172 Resp: 575735
 Ion Ratio Lower Upper
 172 100
 171 37.3 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

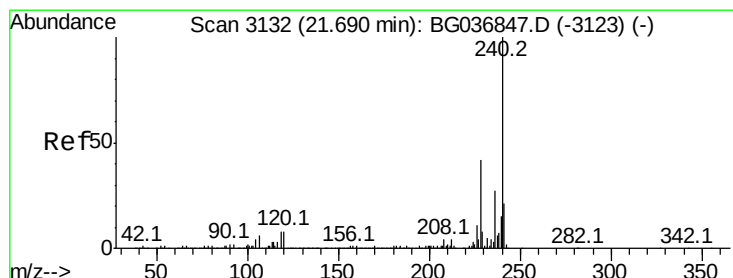
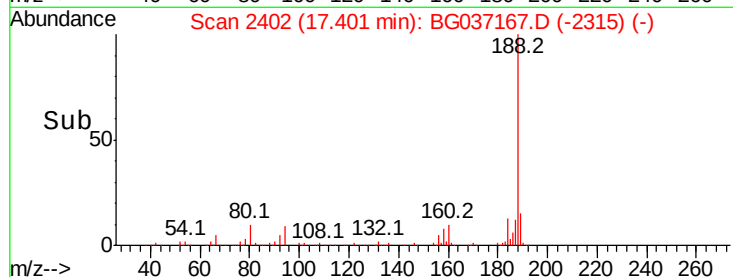
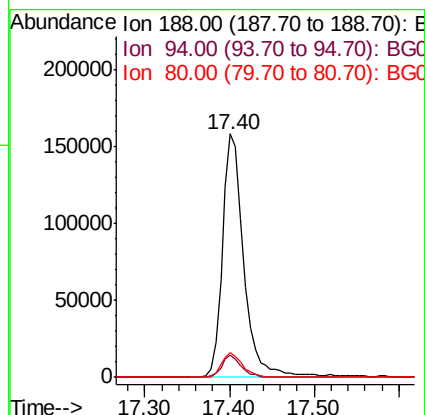
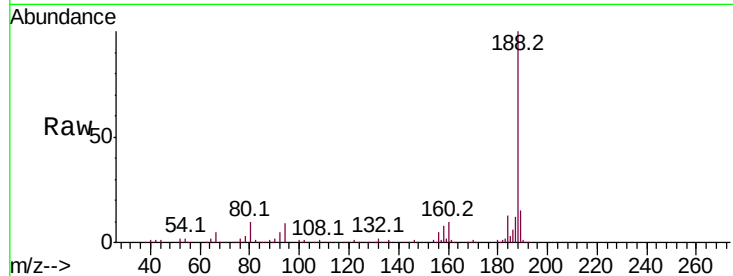




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

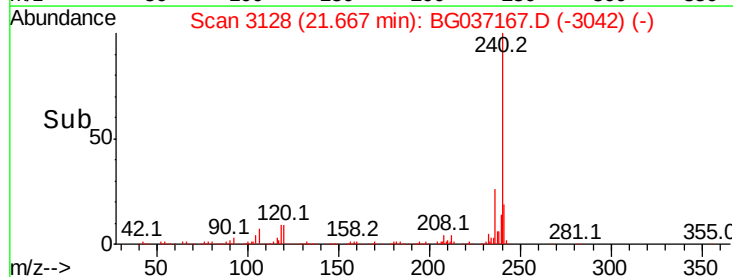
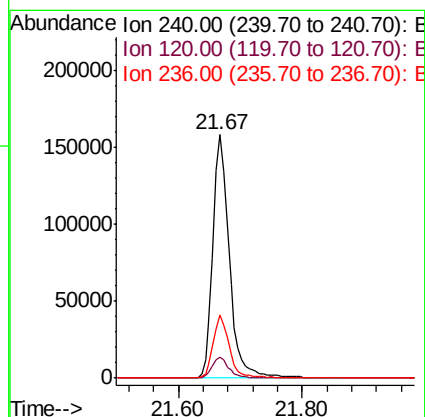
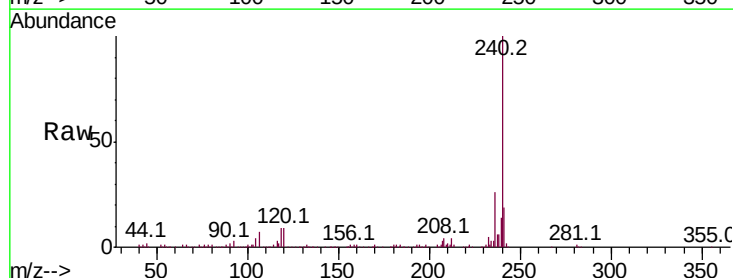
Instrument :
BNA_G
ClientSampleId :
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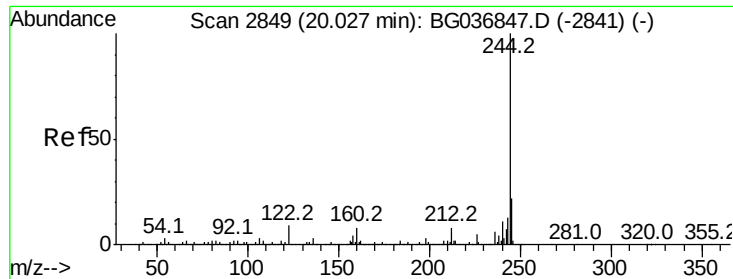
Tot Ion:188 Resp: 278428
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.9 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Tgt Ion:240 Resp: 291639
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 97.476 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037167.D

Acq: 4 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

FBGW10318

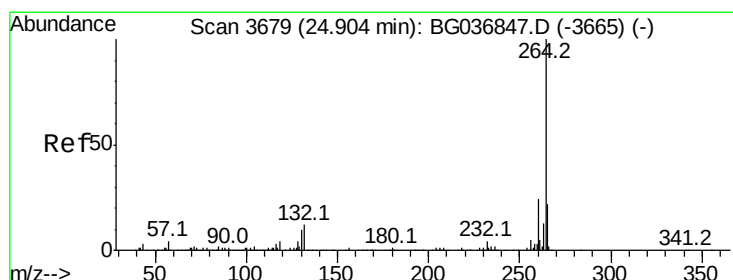
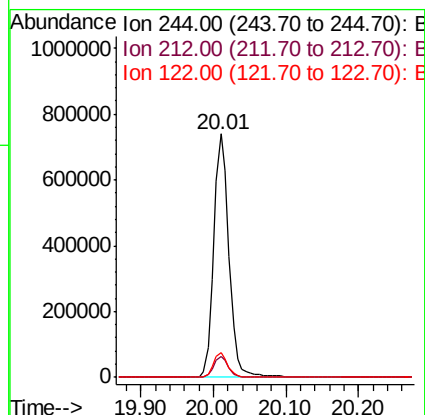
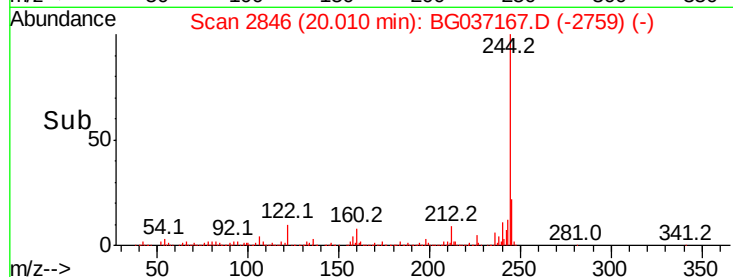
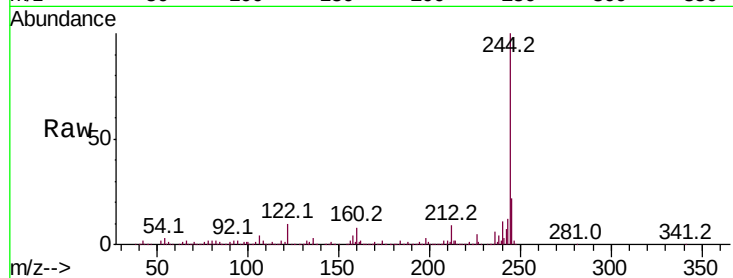
Tot Ion:244 Resp: 1081109

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.9	7.1	10.7

244 100

212 8.7 7.0 10.6

122 9.9 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3673

Delta R.T. -0.03 min

Lab File: BG037167.D

Acq: 4 Oct 2018 22:42

Tgt Ion:264 Resp: 284313

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	20.8	17.4	26.0

264 100

260 24.1 19.6 29.4

265 20.8 17.4 26.0

