

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037030.D
 Acq On : 28 Sep 2018 1:05
 Operator : JU/SJ
 Sample : J5097-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Sep 28 04:47:24 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

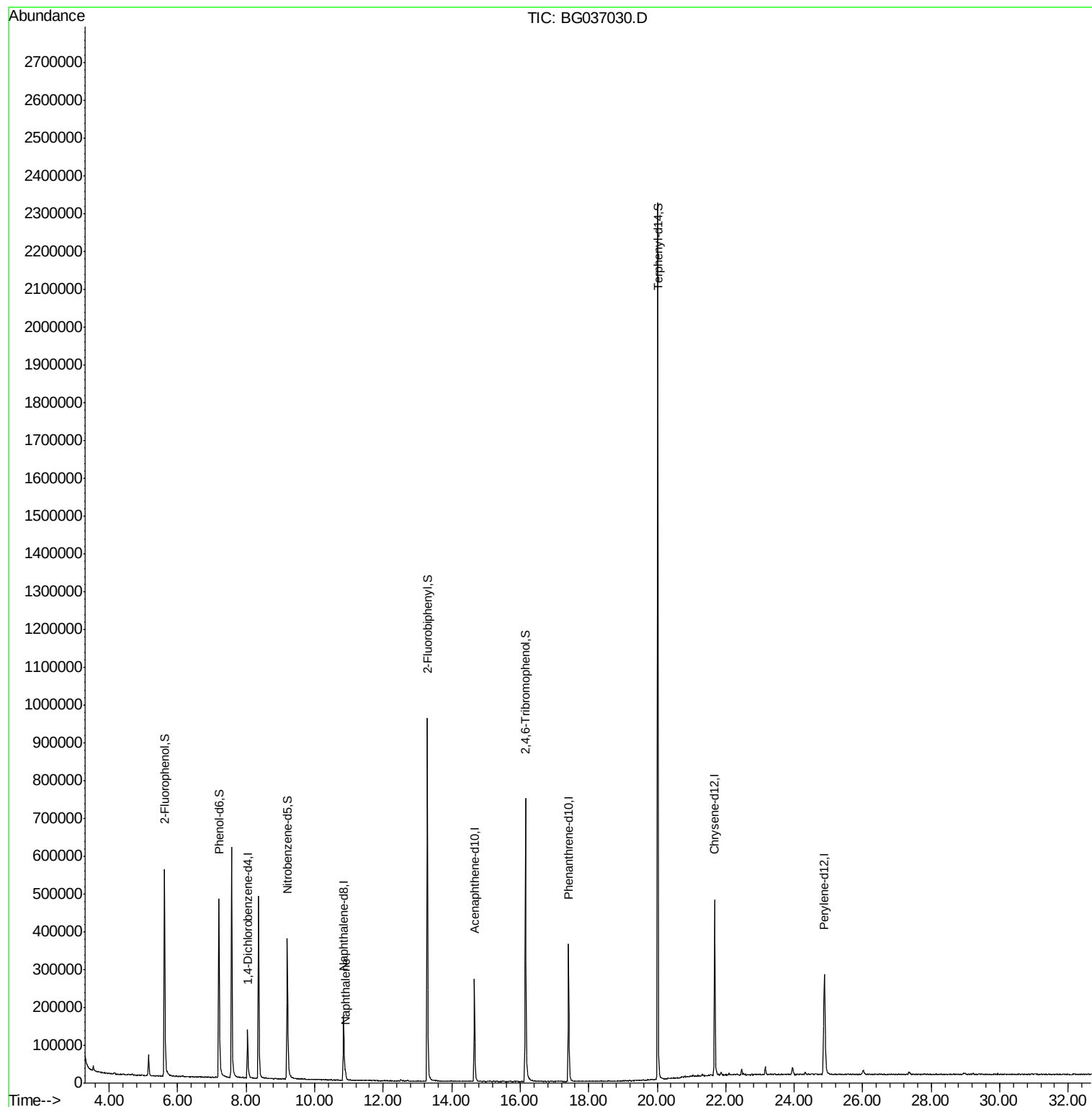
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42813	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	162409	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	102735	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	271797	20.00	ng	0.00
75) Chrysene-d12	21.67	240	320382	20.00	ng	-0.02
86) Perylene-d12	24.88	264	311238	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	270630	121.23	ng	0.00
7) Phenol-d6	7.20	99	313807	90.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	275689	90.90	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	156802	127.57	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	565527	81.99	ng	0.00
78) Terphenyl-d14	20.02	244	1136602	93.29	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	21505	2.783	ng	Qvalue 97

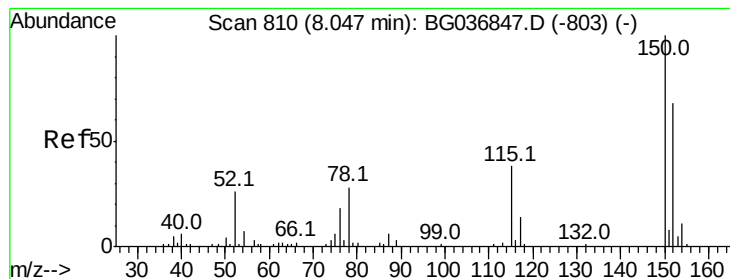
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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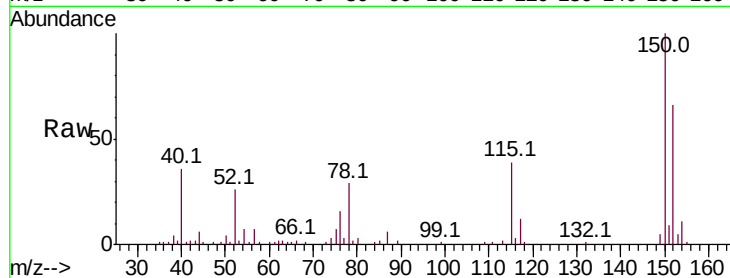


#1

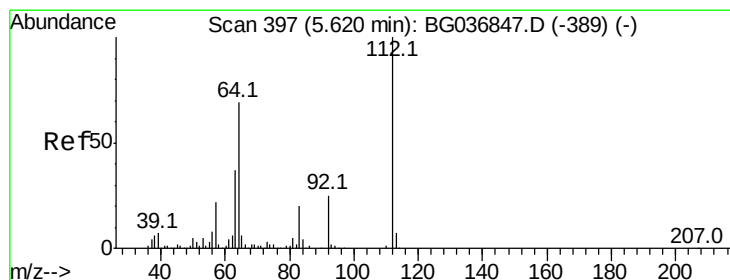
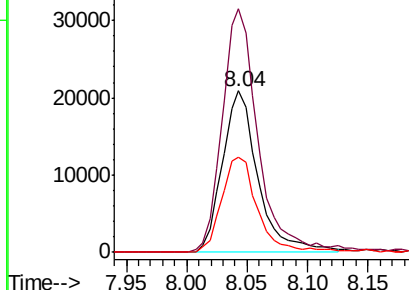
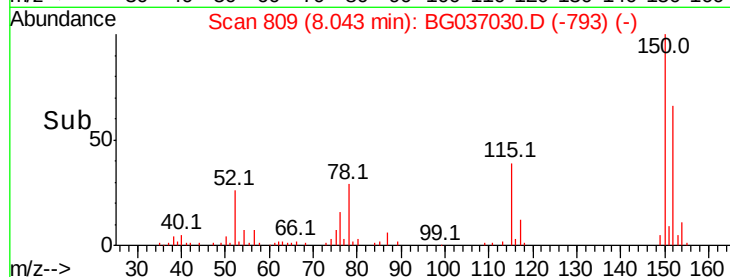
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG037030.D
 Acq: 28 Sep 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.5	179.3
115	59.3	44.5	66.7



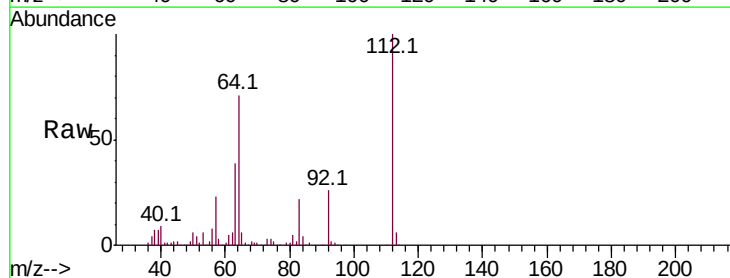
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



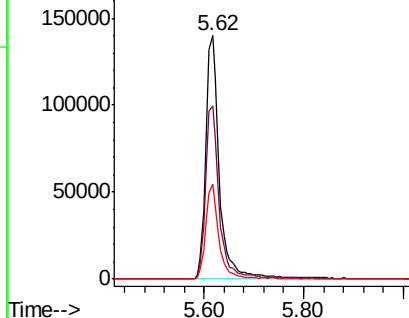
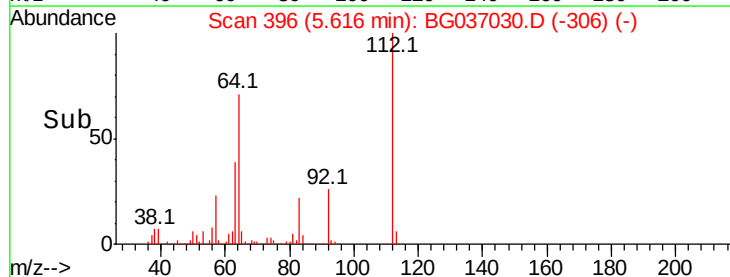
#5

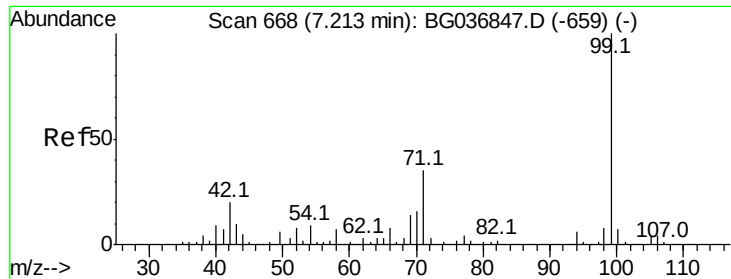
2-Fluorophenol
 Concen: 121.227 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG037030.D
 Acq: 28 Sep 2018 1:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.2	85.8
63	38.9	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: 90.855 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037030.D

Acq: 28 Sep 2018 1:05

Instrument :

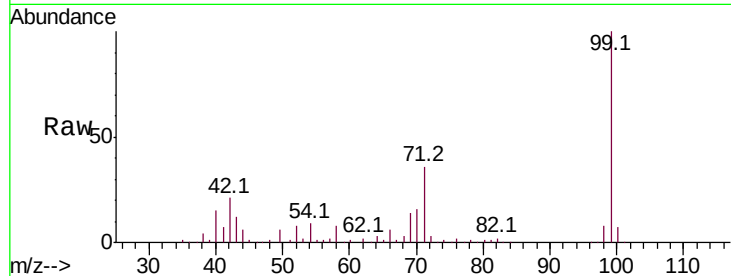
BNA_G

ClientSampleId :

TP-2

Tot Ion: 99 Resp: 313807

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.5	24.7
71	36.0	29.4	44.2

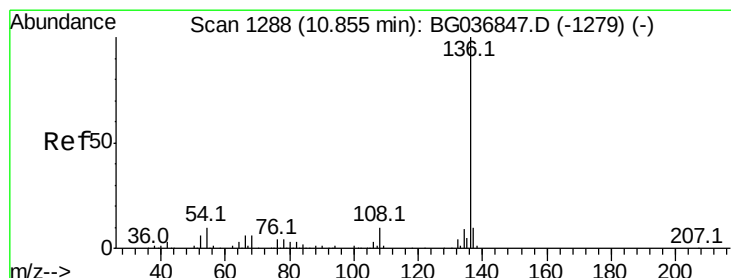
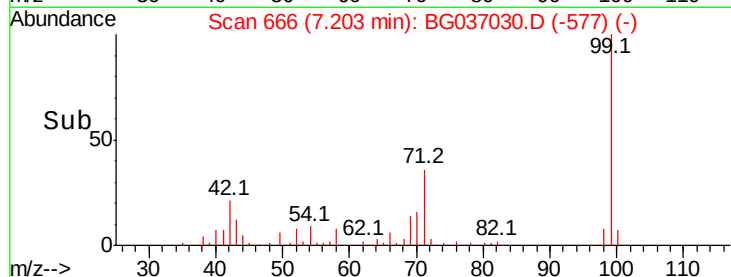
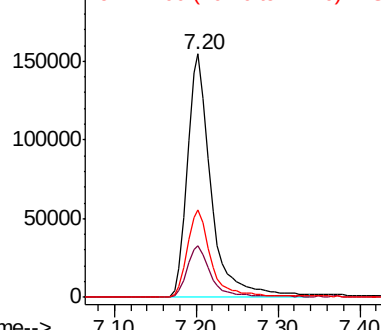


Abundance

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: 10.85 min Scan# 1286

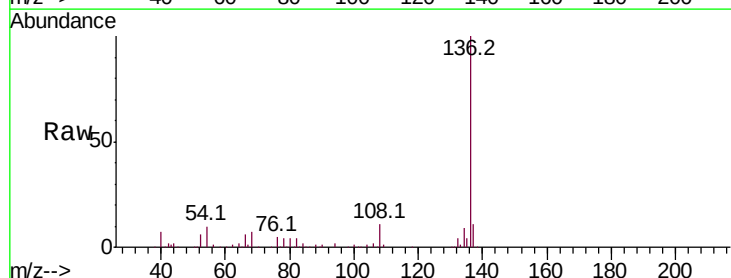
Delta R.T. -0.01 min

Lab File: BG037030.D

Acq: 28 Sep 2018 1:05

Tgt Ion: 136 Resp: 162409

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.1	9.2	13.8
68	6.9	5.8	8.6



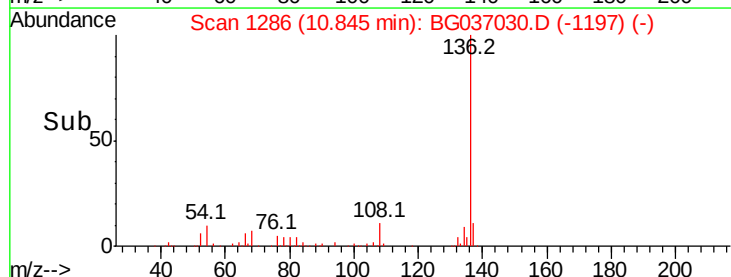
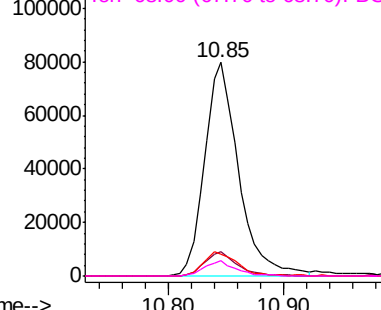
Abundance

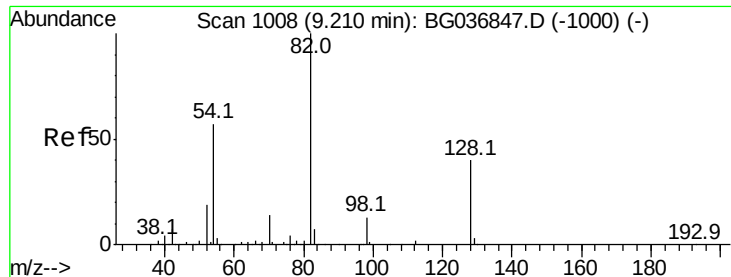
Ion 136.00 (135.70 to 136.70): BGC

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

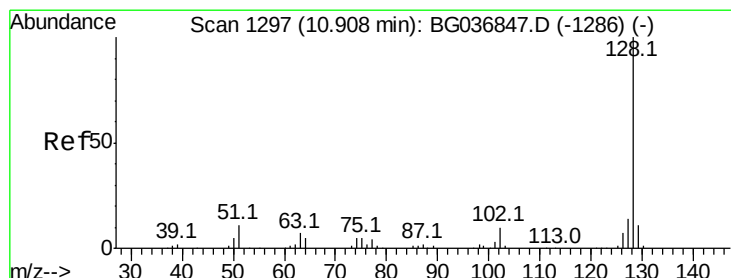
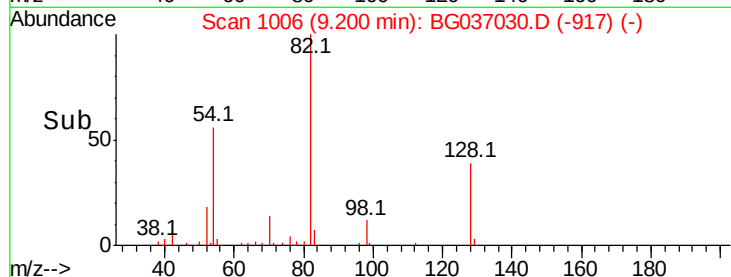
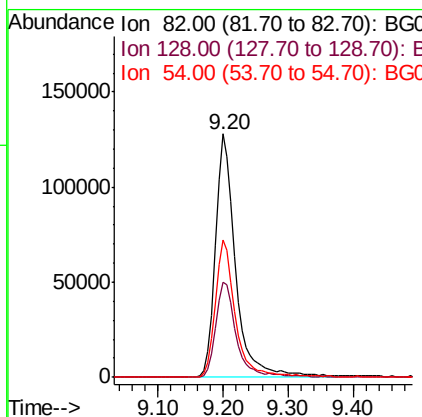
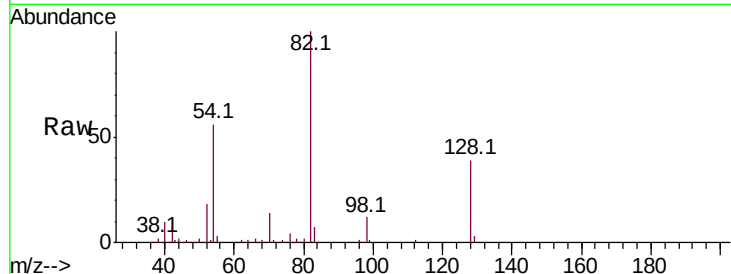




#23
Nitrobenzene-d5
Concen: 90.903 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

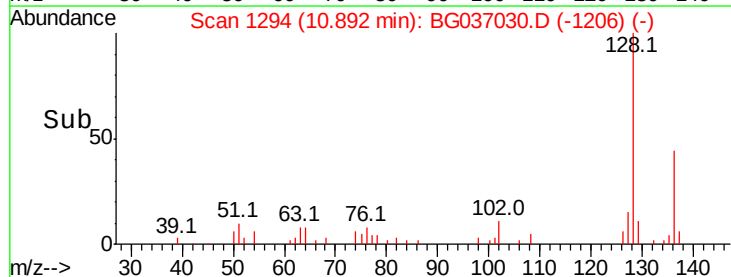
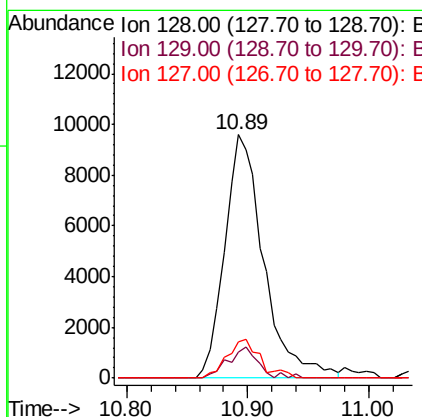
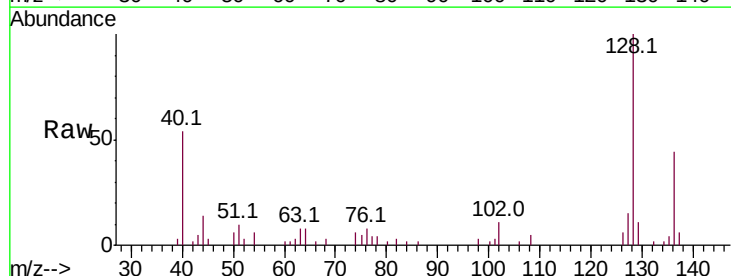
Instrument :
BNA_G
ClientSampleId :
TP-2

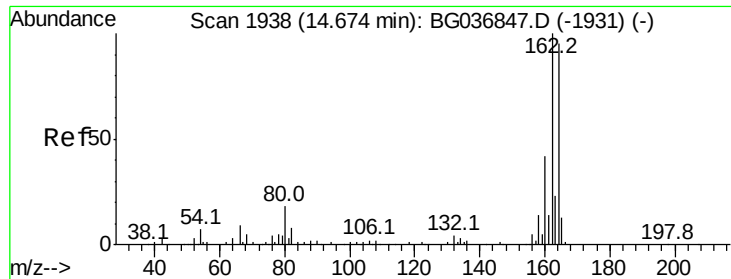
Tot Ion	82	Resp	275689
Ion Ratio	Lower	Upper	
82	100		
128	39.0	33.3	49.9
54	56.3	45.1	67.7



#31
Naphthalene
Concen: 2.783 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion	128	Resp	21505
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.4	14.2
127	14.6	11.0	16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037030.D

Acq: 28 Sep 2018 1:05

Instrument :

BNA_G

ClientSampleId :

TP-2

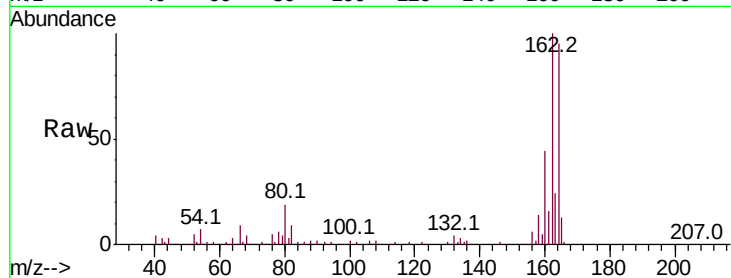
Tot Ion:164 Resp: 102735

Ion Ratio Lower Upper

164 100

162 105.4 80.7 121.1

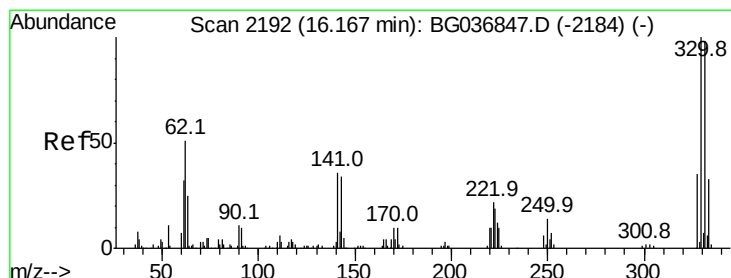
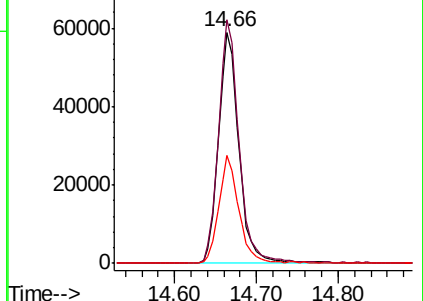
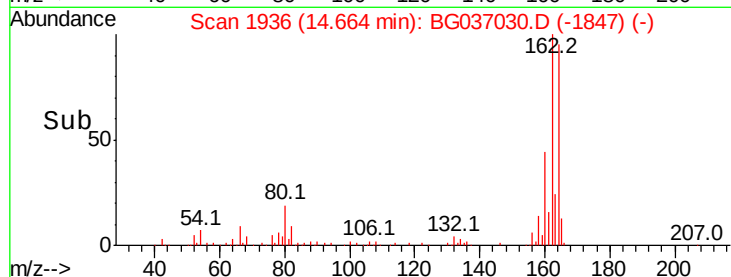
160 46.6 35.3 52.9



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: 127.568 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037030.D

Acq: 28 Sep 2018 1:05

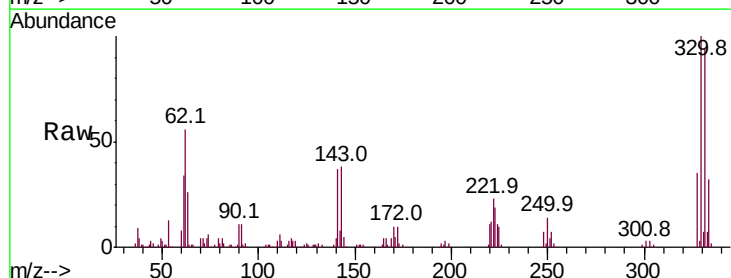
Tgt Ion:330 Resp: 156802

Ion Ratio Lower Upper

330 100

332 97.3 75.4 113.2

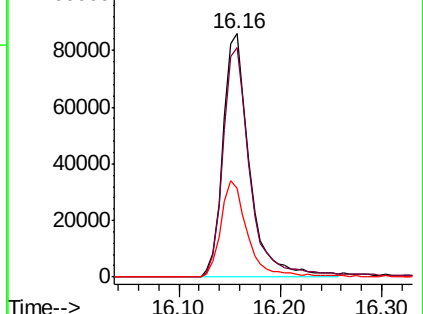
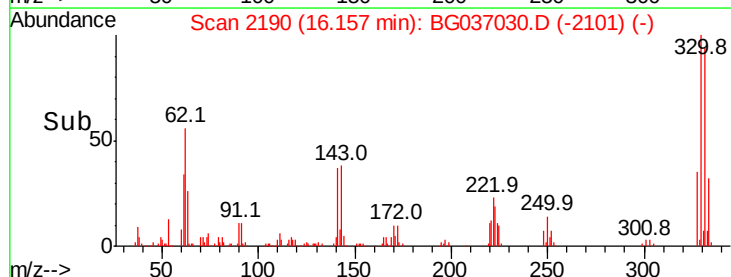
141 40.1 30.7 46.1

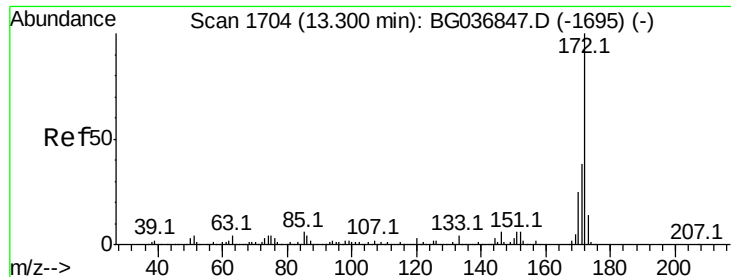


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

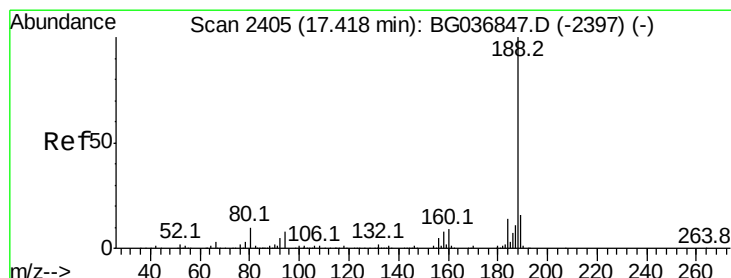
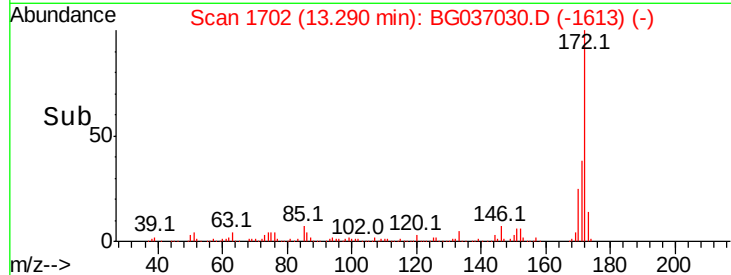
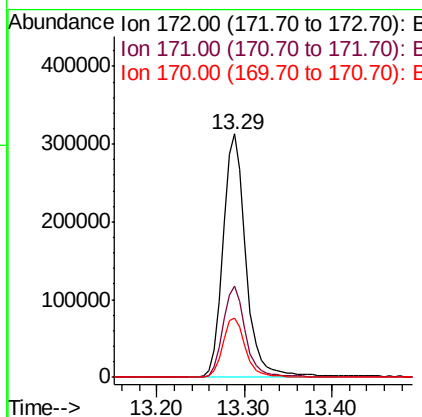
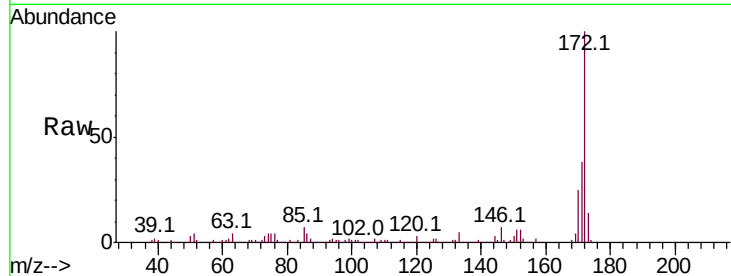




#44
2-Fluorobiphenyl
Concen: 81.987 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

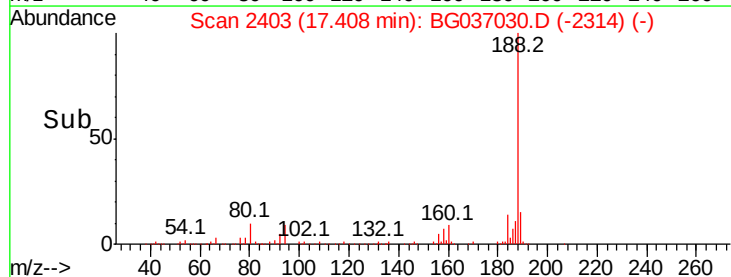
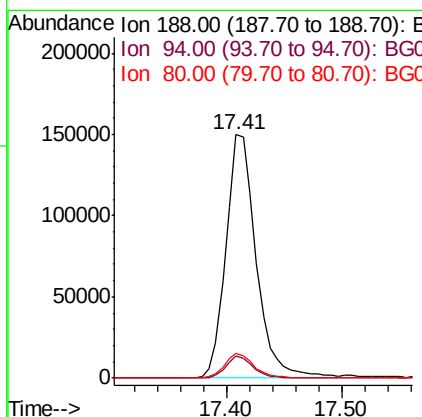
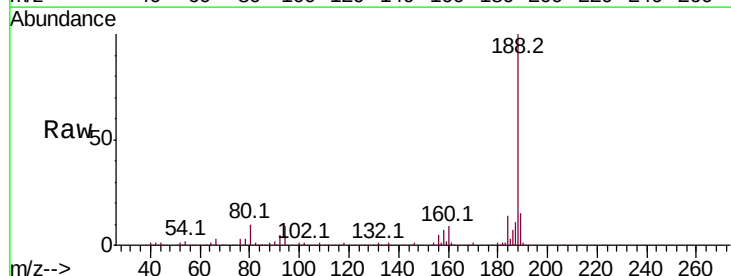
Instrument :
BNA_G
ClientSampled :
TP-2

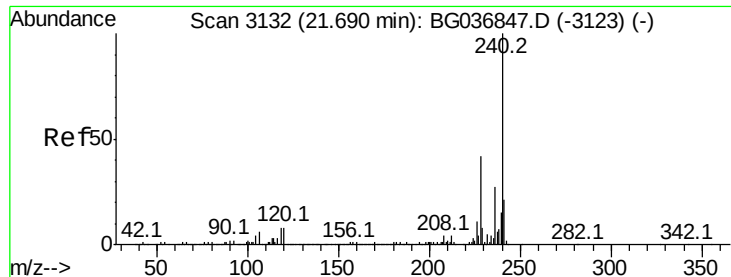
Tot Ion:172 Resp: 565527
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 24.5 21.0 31.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037030.D
Acq: 28 Sep 2018 1:05

Tgt Ion:188 Resp: 271797
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 10.2 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037030.D

Acq: 28 Sep 2018 1:05

Instrument :

BNA_G

ClientSampleId :

TP-2

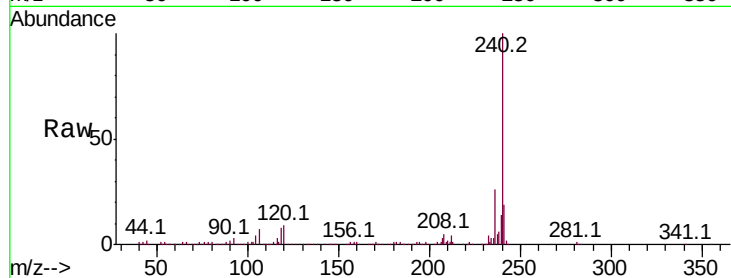
Tot Ion:240 Resp: 320382

Ion Ratio Lower Upper

240 100

120 9.3 6.9 10.3

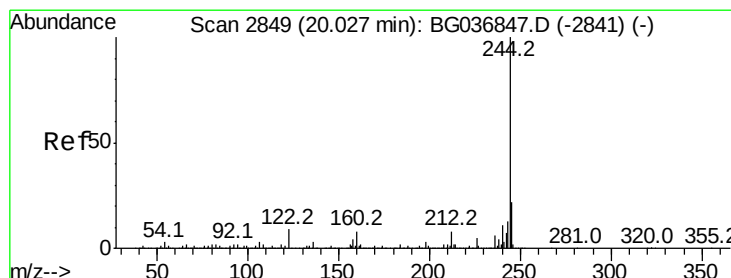
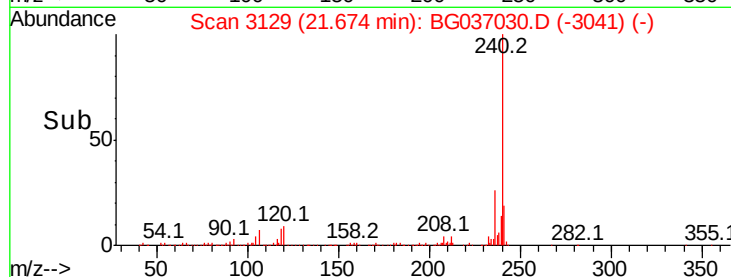
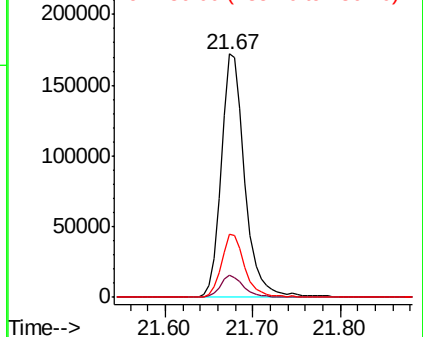
236 25.7 21.2 31.8



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: 93.285 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037030.D

Acq: 28 Sep 2018 1:05

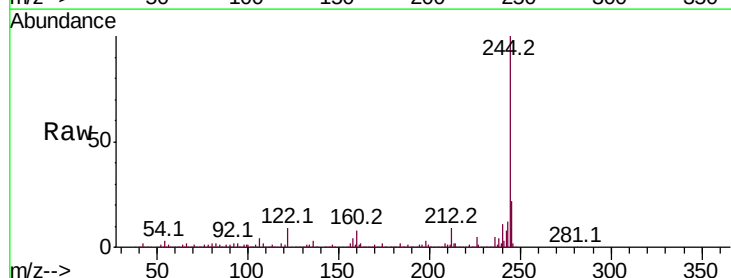
Tgt Ion:244 Resp: 1136602

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

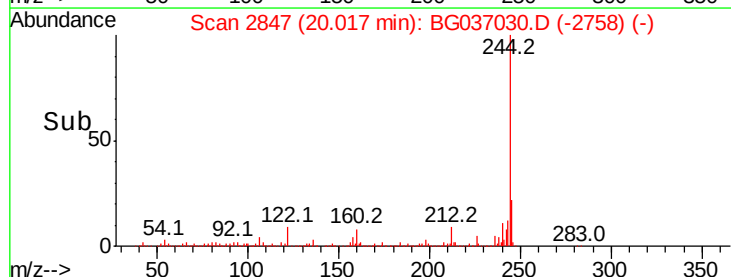
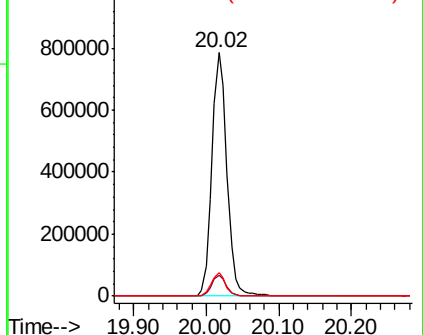
122 9.4 7.1 10.7

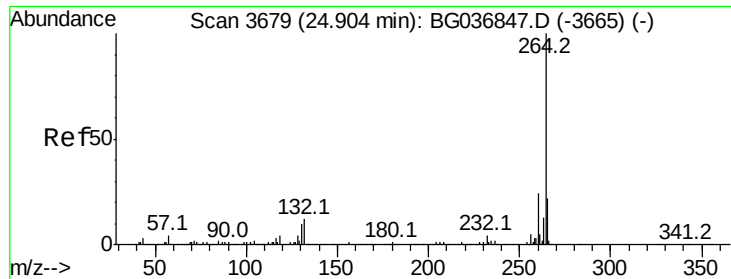


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037030.D
 Acq: 28 Sep 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	21.4	17.4	26.0

