

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037205.D
 Acq On : 6 Oct 2018 1:33
 Operator : JU/SJ
 Sample : PB113566TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113566TB

Quant Time: Oct 06 05:29:41 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	31085	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	125417	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	87834	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	260912	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	270706	20.00	ng	-0.02
86) Perylene-d12	24.86	264	259514	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	243452	150.20	ng	-0.02
7) Phenol-d6	7.20	99	339171	135.25	ng	-0.02
23) Nitrobenzene-d5	9.19	82	221498	94.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	144015	137.04	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	504799	85.60	ng	-0.02
78) Terphenyl-d14	20.01	244	1044837	101.49	ng	-0.02

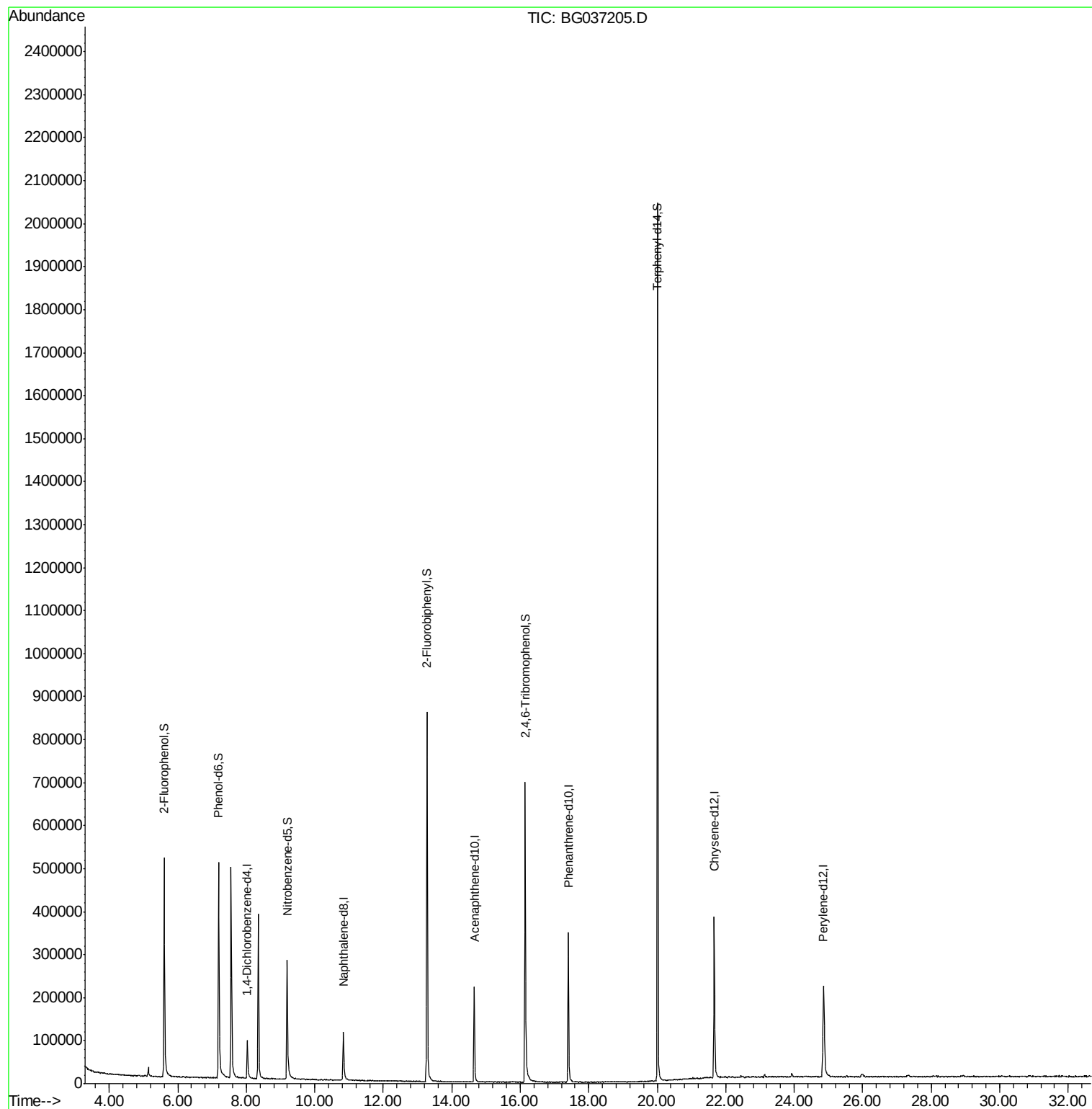
Target Compounds Qvalue

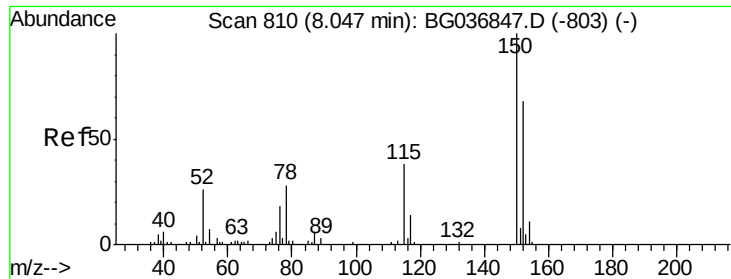
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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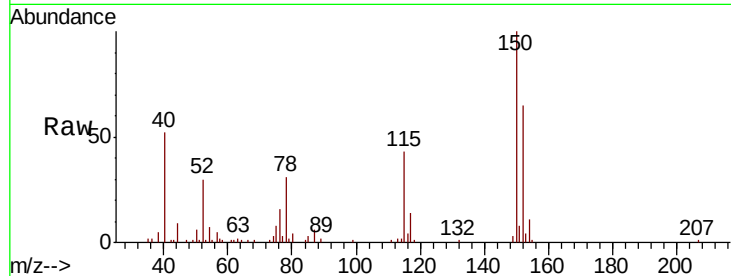


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037205.D
Acq: 6 Oct 2018 1:33

Instrument :
BNA_G
ClientSampled :
PB113566TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.5	179.3
115	65.5	44.5	66.7

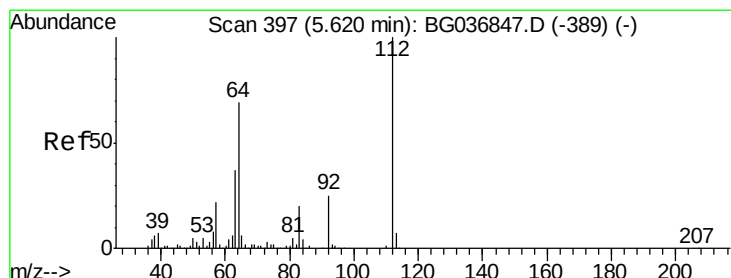
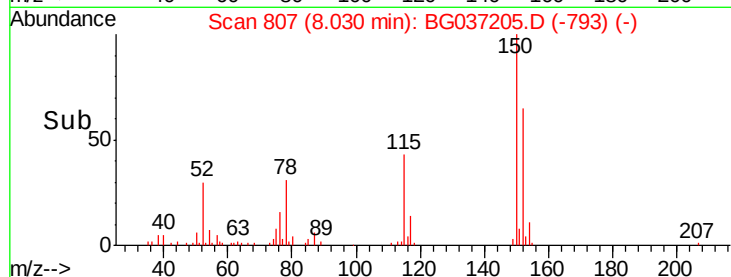
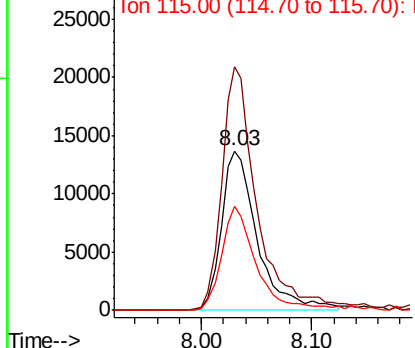


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

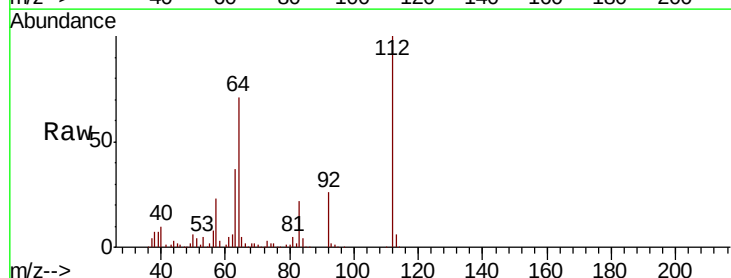
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 150.197 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037205.D
Acq: 6 Oct 2018 1:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	57.2	85.8
63	37.5	30.8	46.2

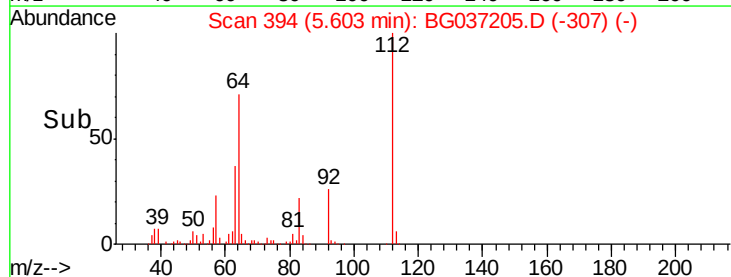
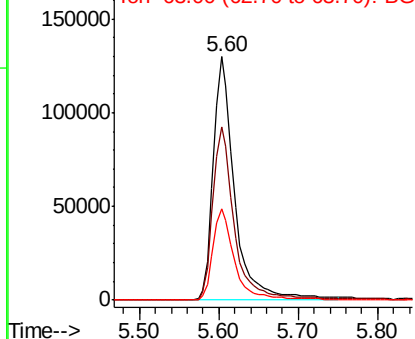


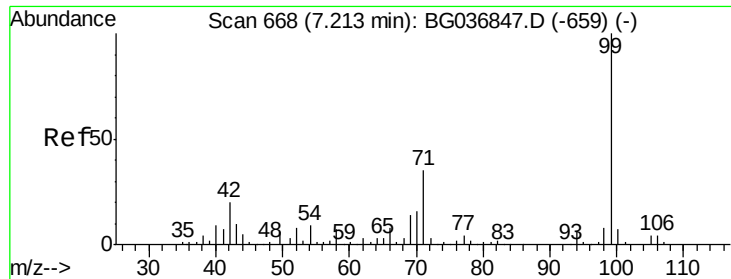
Abundance

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: 135.247 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037205.D

Acq: 6 Oct 2018 1:33

Instrument :

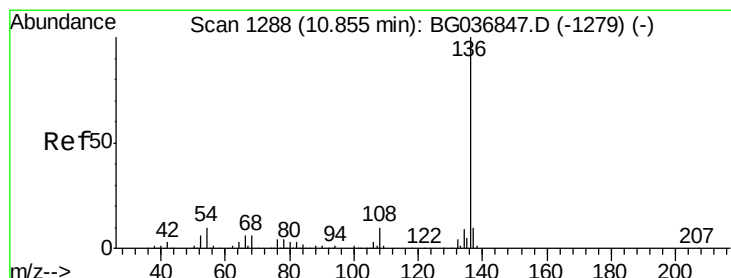
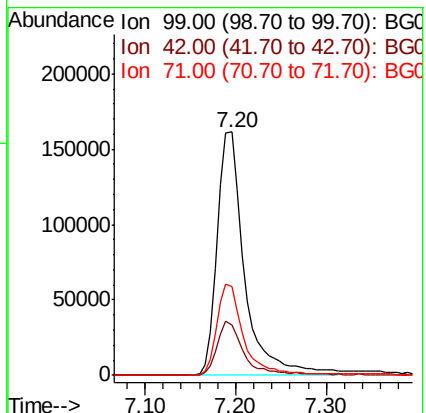
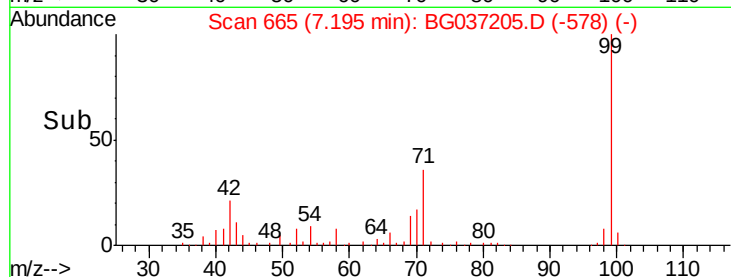
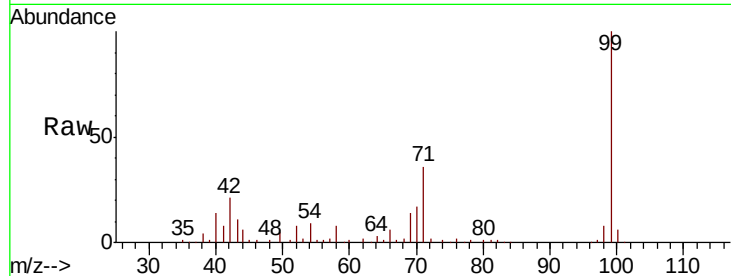
BNA_G

ClientSampleId :

PB113566TB

Tot Ion: 99 Resp: 339171

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.5	24.7
71	36.3	29.4	44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

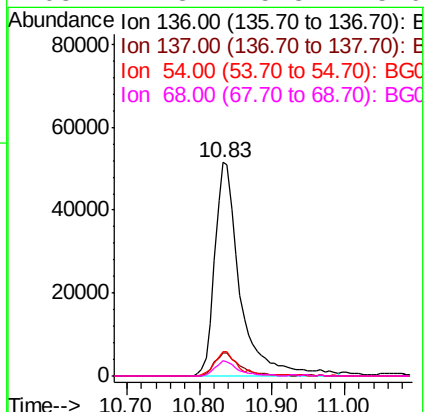
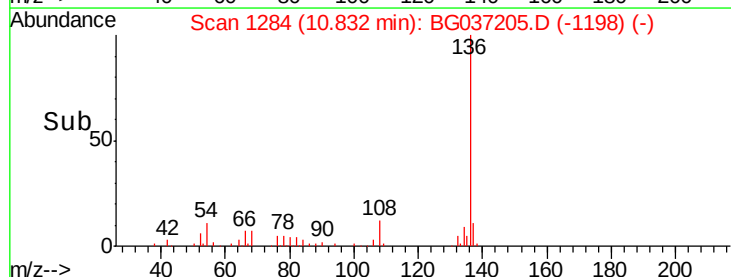
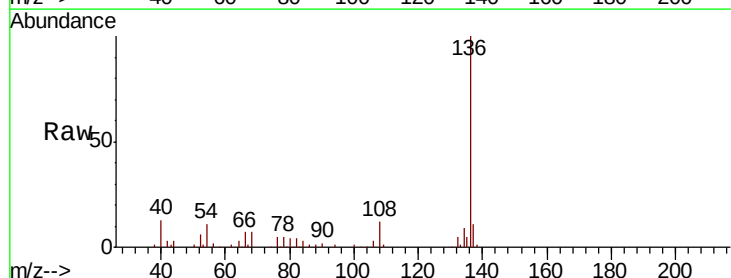
Delta R.T. -0.02 min

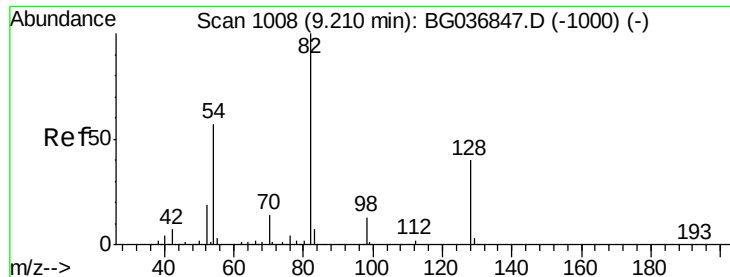
Lab File: BG037205.D

Acq: 6 Oct 2018 1:33

Tgt Ion: 136 Resp: 125417

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.2	9.2	13.8
68	7.3	5.8	8.6

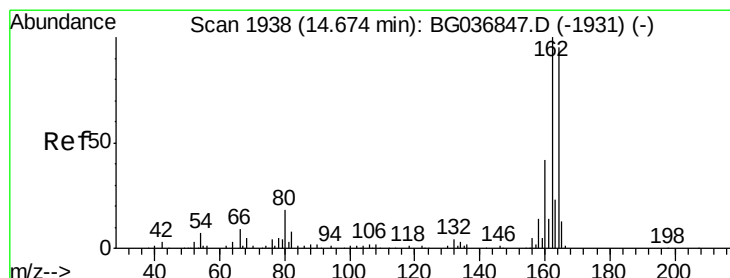
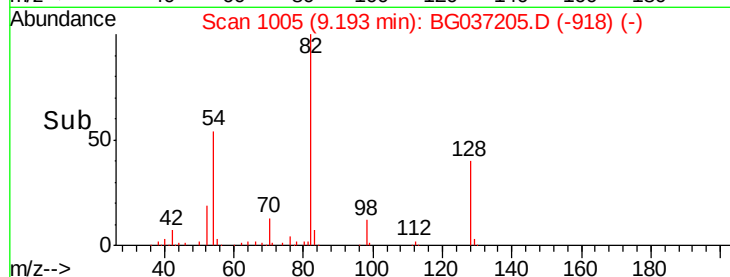
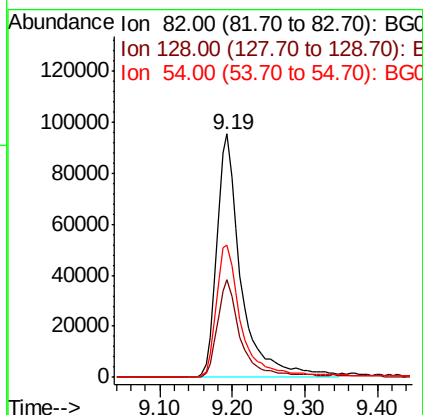
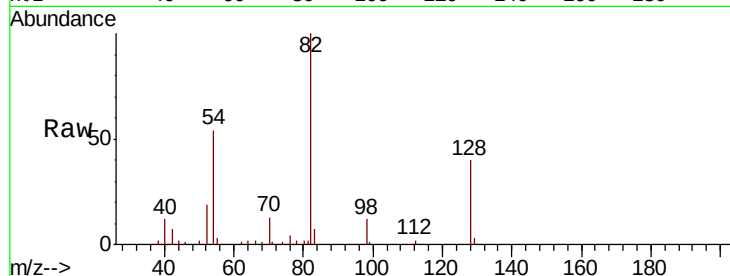




#23
Nitrobenzene-d5
Concen: 94.576 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037205.D
Acq: 6 Oct 2018 1:33

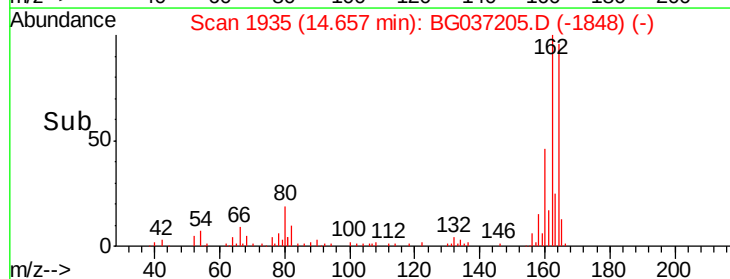
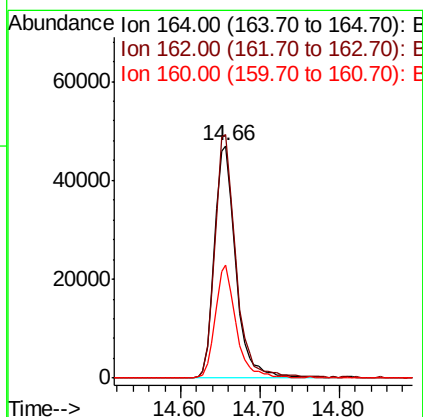
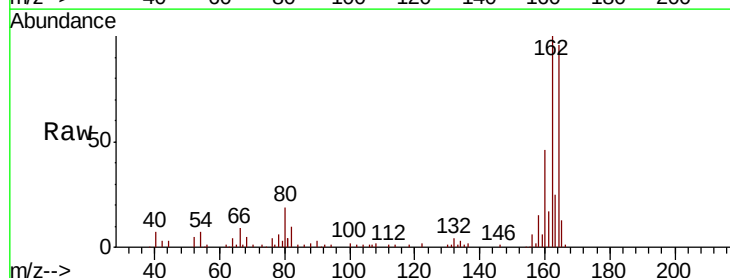
Instrument :
BNA_G
ClientSampleId :
PB113566TB

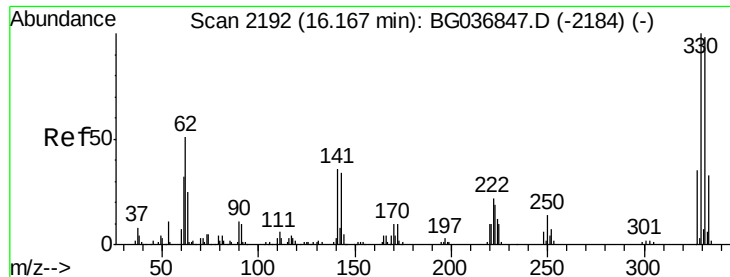
Tot Ion: 82 Resp: 221498
Ion Ratio Lower Upper
82 100
128 40.2 33.3 49.9
54 54.1 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037205.D
Acq: 6 Oct 2018 1:33

Tgt Ion:164 Resp: 87834
Ion Ratio Lower Upper
164 100
162 104.7 80.7 121.1
160 48.3 35.3 52.9

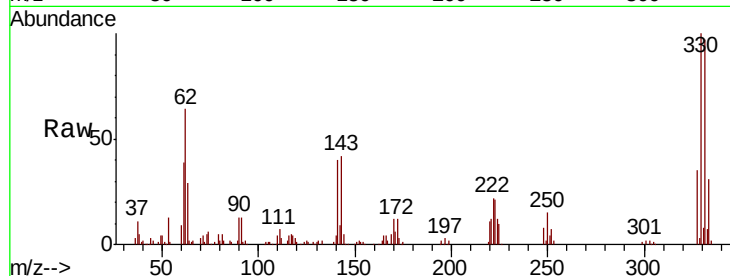




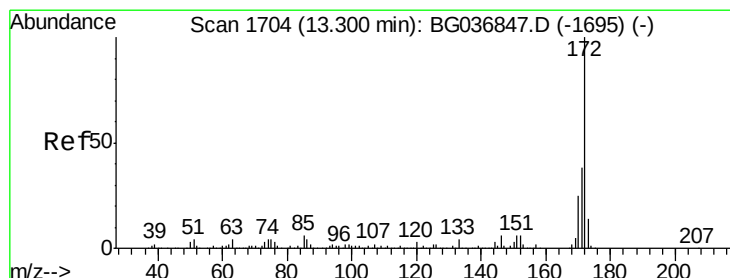
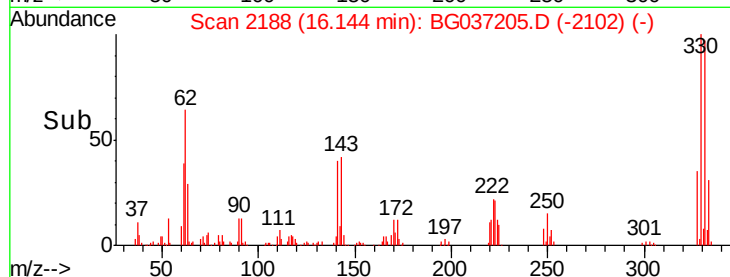
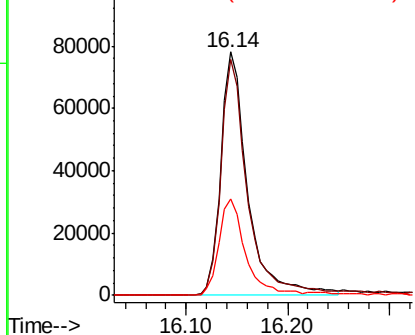
#41
 2,4,6-Tribromophenol
 Concen: 137.042 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037205.D
 Acq: 6 Oct 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113566TB

Tot Ion:330 Resp: 144015
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.2
 141 39.1 30.7 46.1

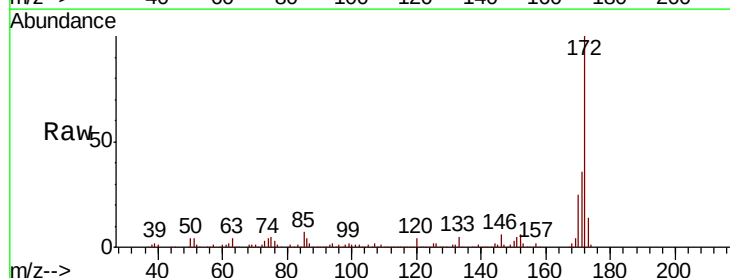


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

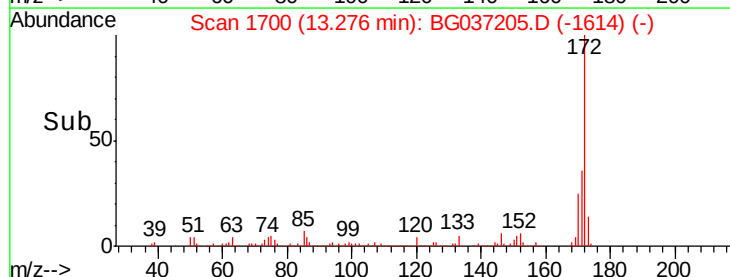
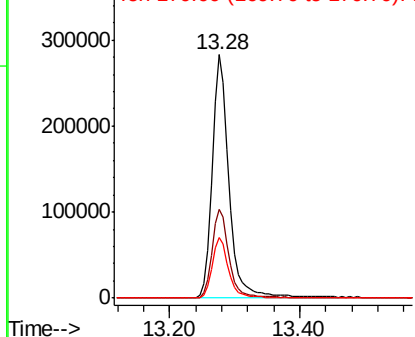


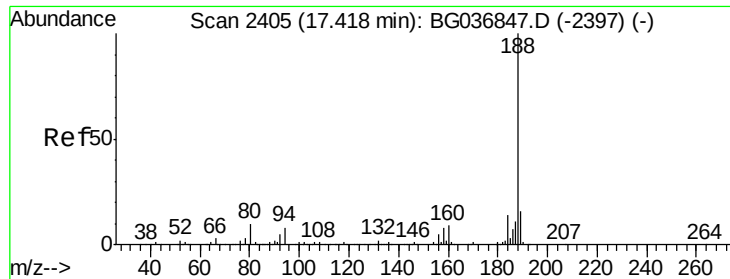
#44
 2-Fluorobiphenyl
 Concen: 85.598 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037205.D
 Acq: 6 Oct 2018 1:33

Tgt Ion:172 Resp: 504799
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.3 46.9
 170 24.8 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

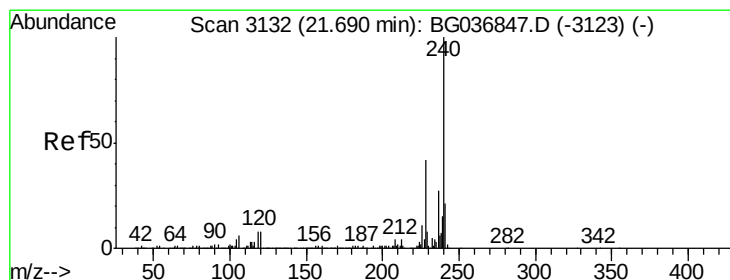
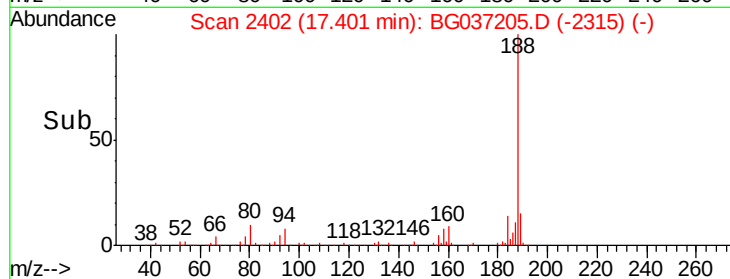
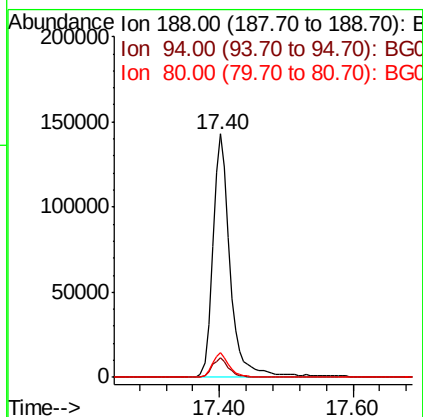
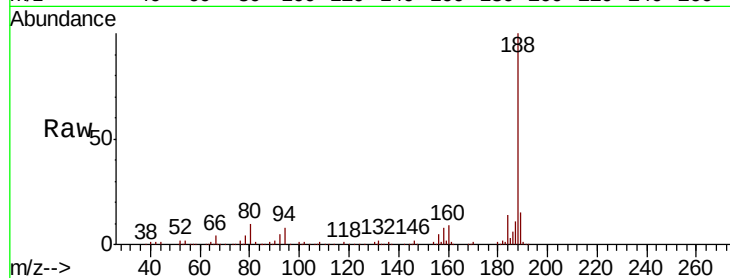




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037205.D
Acq: 6 Oct 2018 1:33

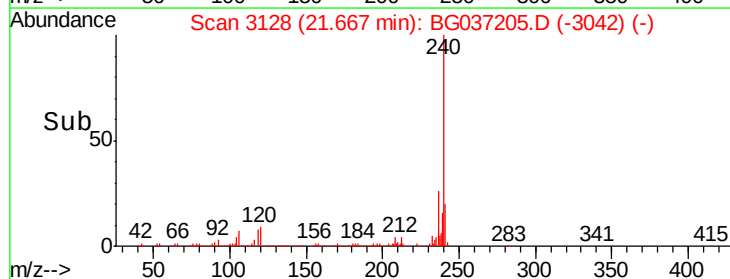
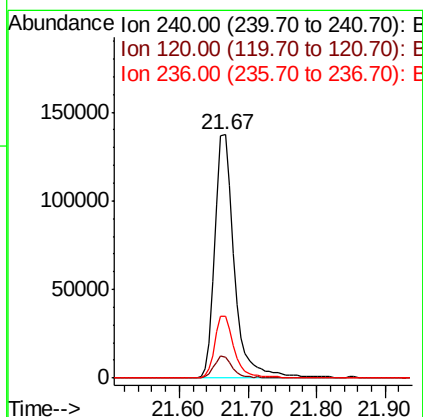
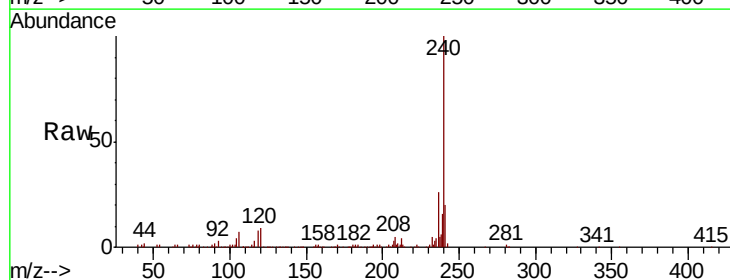
Instrument :
BNA_G
ClientSampleId :
PB113566TB

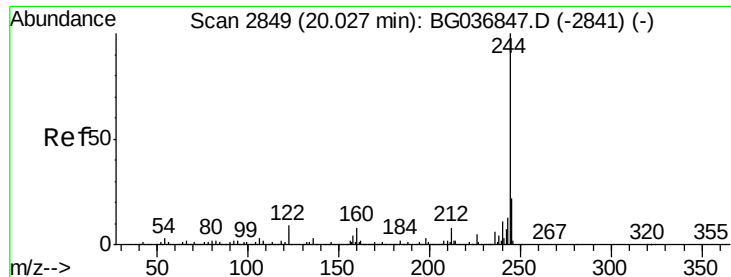
Tot Ion:188 Resp: 260912
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 10.0 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037205.D
Acq: 6 Oct 2018 1:33

Tgt Ion:240 Resp: 270706
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 101.490 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037205.D

Acq: 6 Oct 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB113566TB

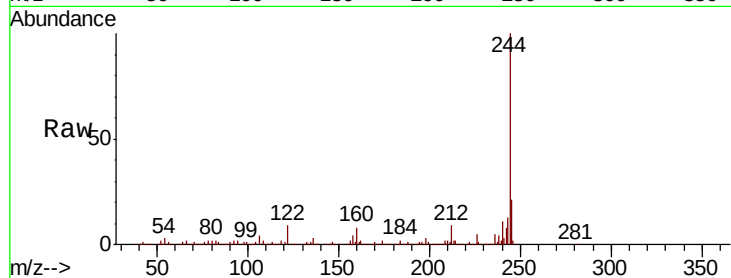
Tot Ion:244 Resp: 1044837

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.7 7.0 10.6

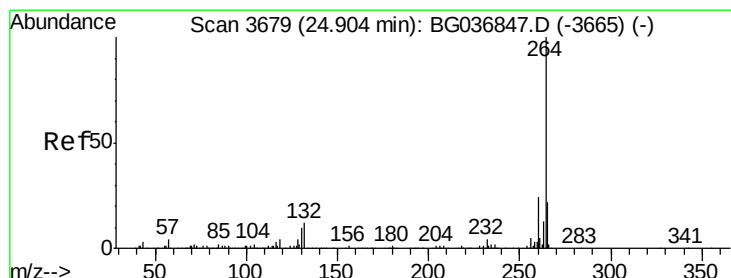
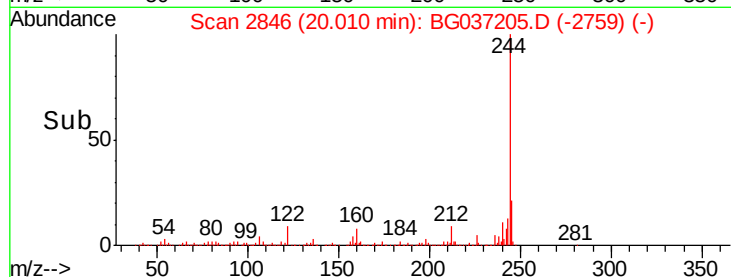
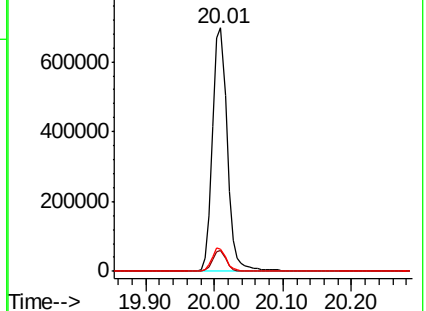
122 9.3 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.05 min

Lab File: BG037205.D

Acq: 6 Oct 2018 1:33

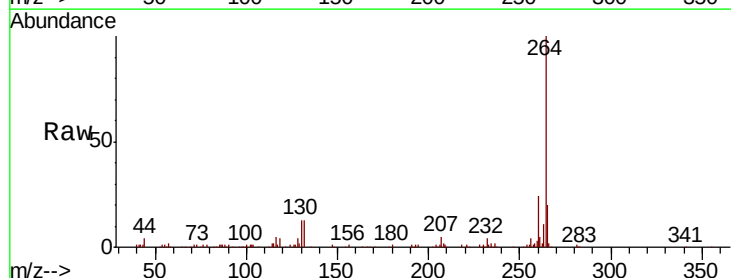
Tgt Ion:264 Resp: 259514

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	19.9	17.4	26.0

264 100

260 23.9 19.6 29.4

265 19.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

