

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037206.D
 Acq On : 6 Oct 2018 2:12
 Operator : JU/SJ
 Sample : PB113493BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BL

Quant Time: Oct 06 05:30:12 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	29325	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	118978	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	80580	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	238775	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	255878	20.00	ng	-0.02
86) Perylene-d12	24.86	264	250874	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	194849	127.43	ng	-0.02
7) Phenol-d6	7.19	99	272021	114.98	ng	-0.02
23) Nitrobenzene-d5	9.19	82	172479	77.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	111184	115.33	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	399977	73.93	ng	-0.02
78) Terphenyl-d14	20.01	244	850392	87.39	ng	-0.02

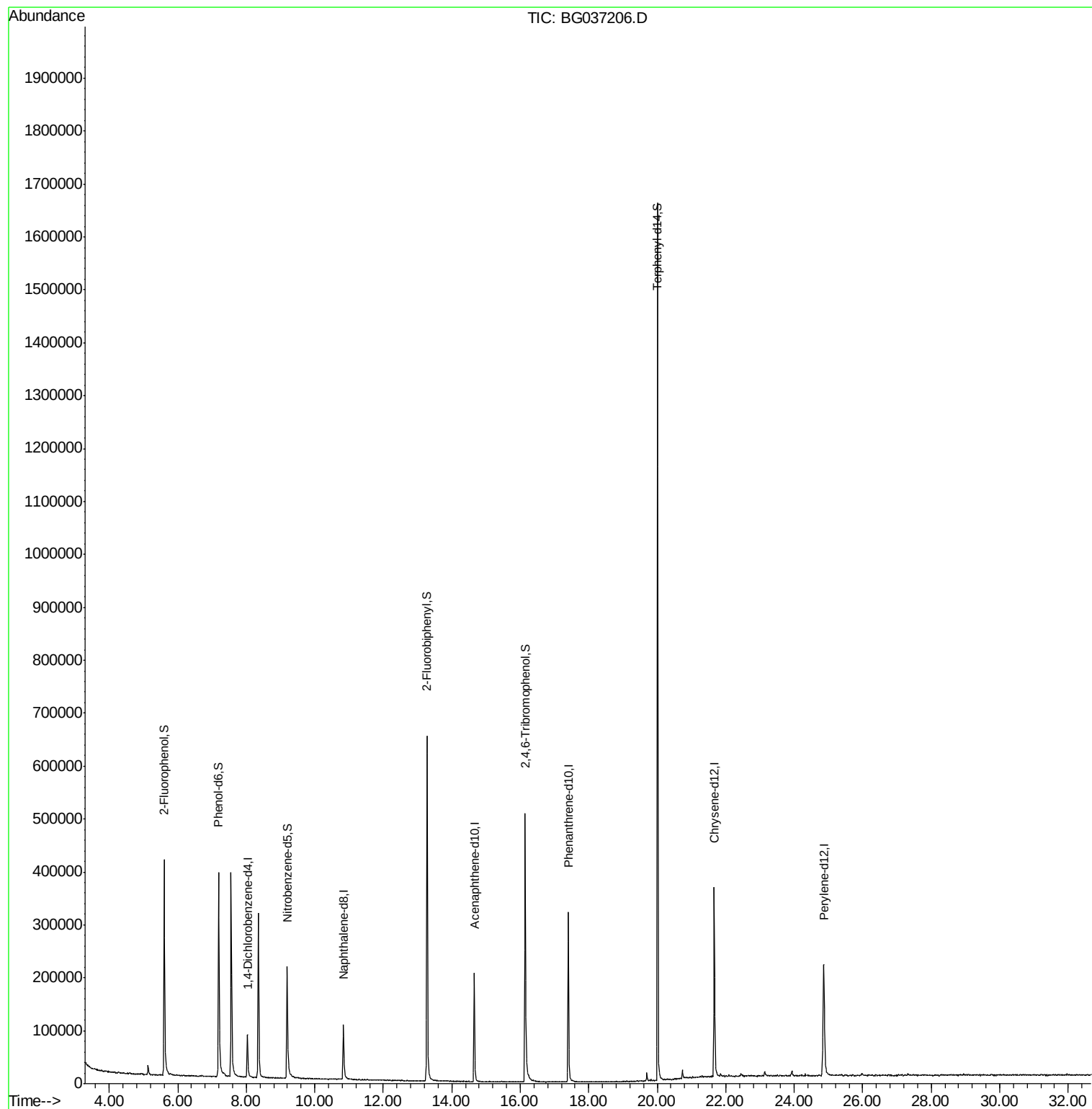
Target Compounds Qvalue

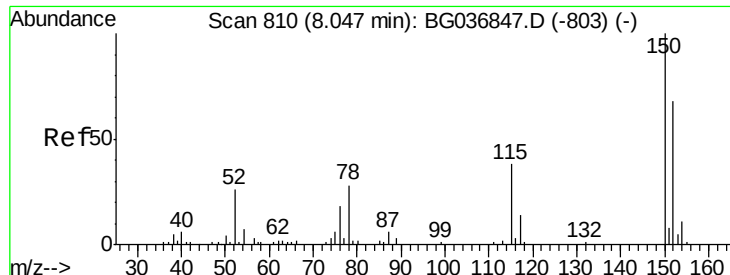
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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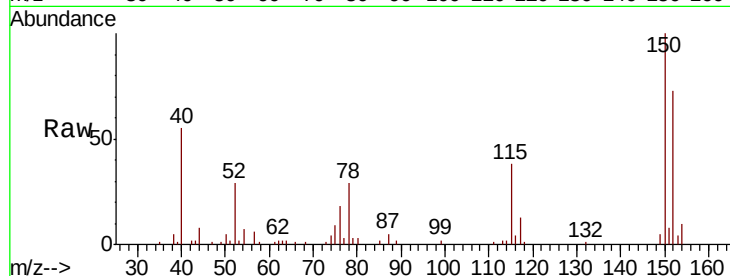


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

Instrument :
BNA_G
ClientSampleId :
PB113493BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.9	119.5	179.3
115	52.7	44.5	66.7

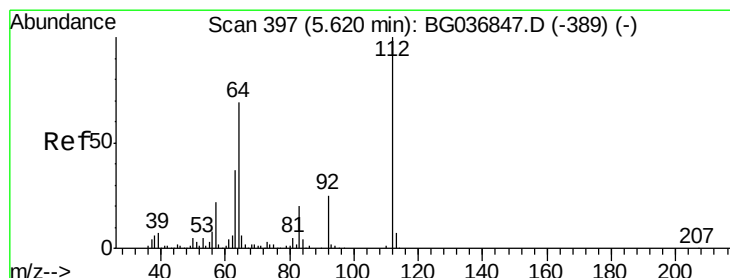
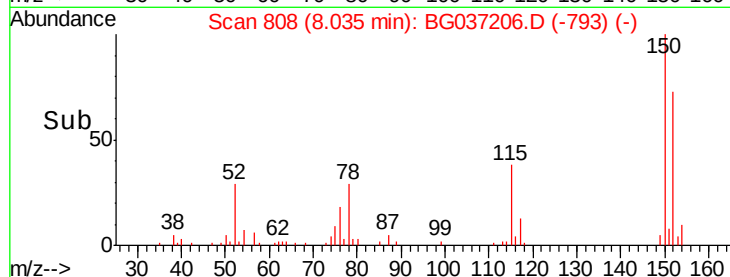
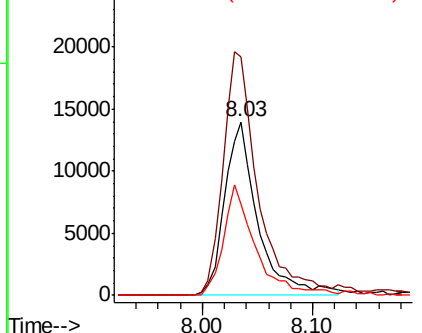


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

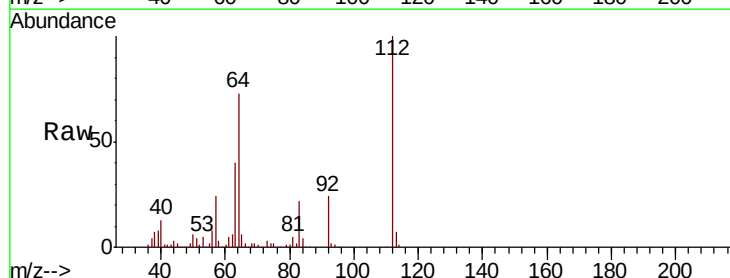
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.426 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	57.2	85.8
63	40.0	30.8	46.2

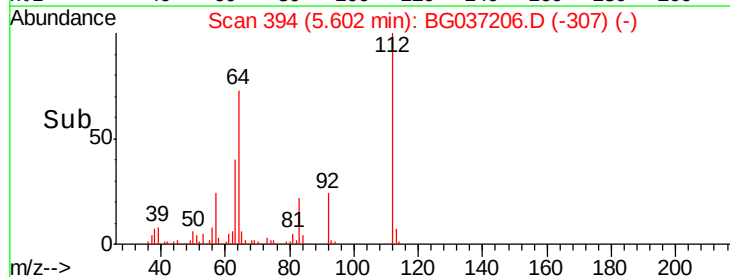
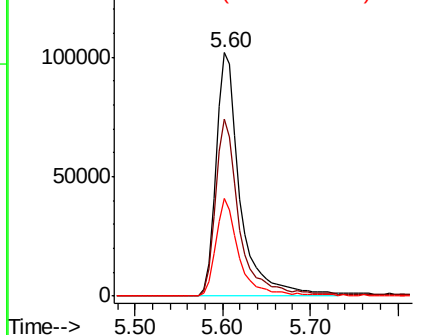


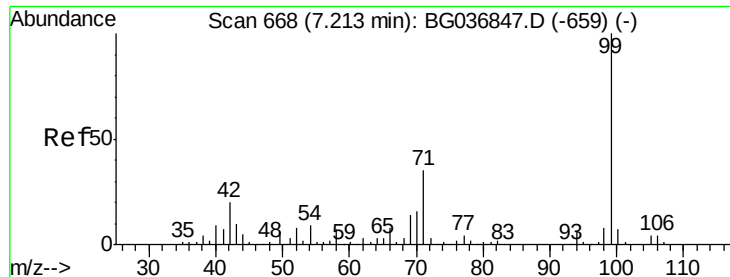
Abundance

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: 114.981 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037206.D

Acq: 6 Oct 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB113493BL

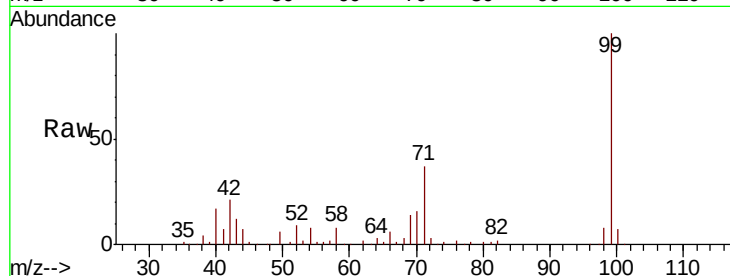
Tot Ion: 99 Resp: 272021

Ion Ratio Lower Upper

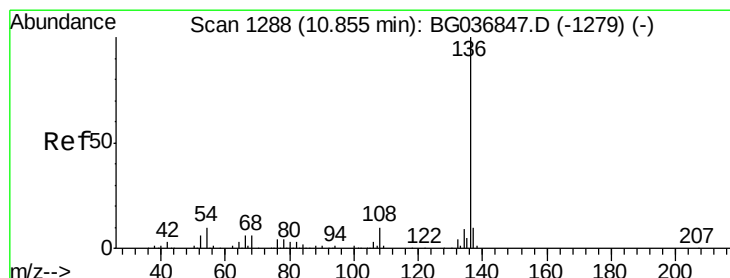
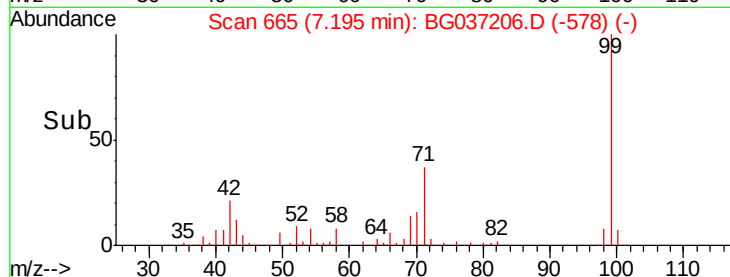
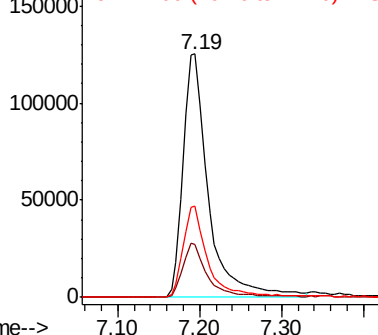
99 100

42 21.5 16.5 24.7

71 37.4 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: BG037206.D

Acq: 6 Oct 2018 2:12

Tgt Ion: 136 Resp: 118978

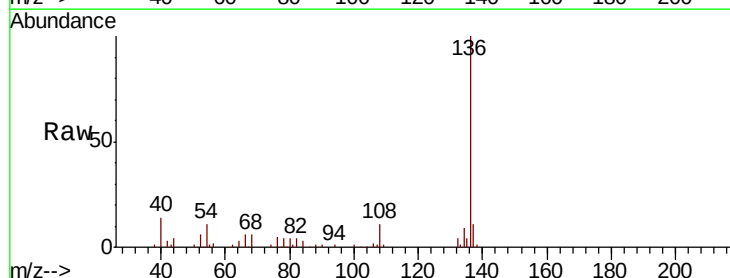
Ion Ratio Lower Upper

136 100

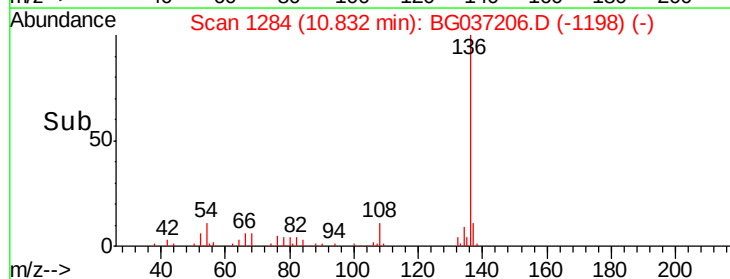
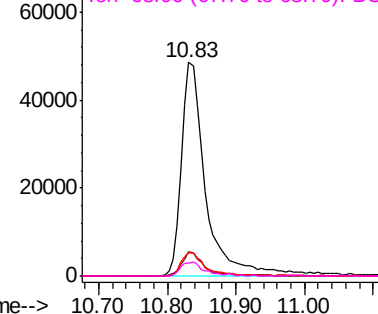
137 11.2 8.8 13.2

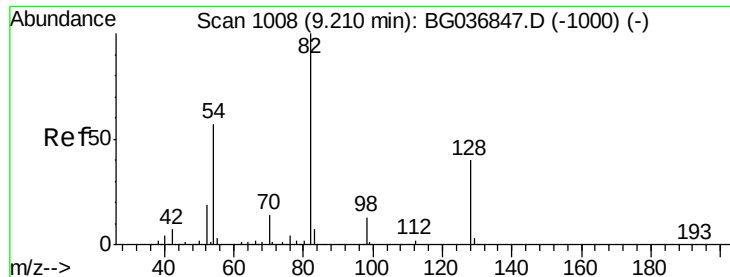
54 10.8 9.2 13.8

68 6.0 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

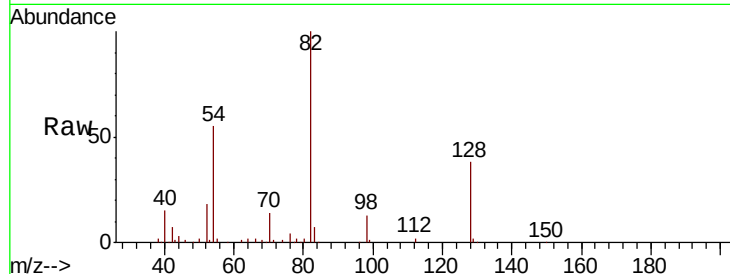




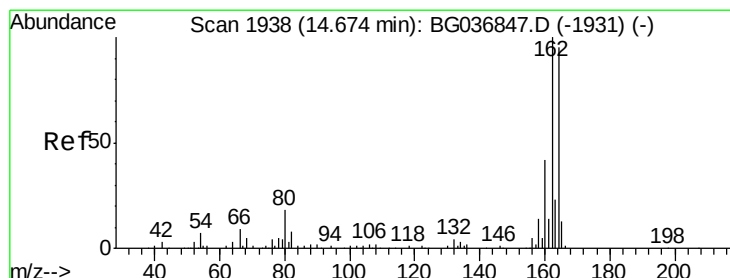
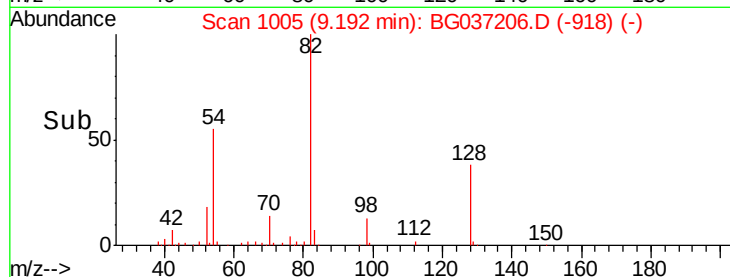
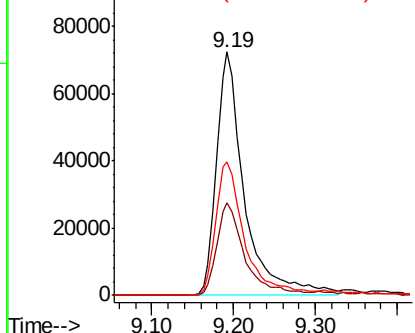
#23
Nitrobenzene-d5
Concen: 77.631 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

Instrument :
BNA_G
ClientSampleId :
PB113493BL

Tot Ion	82	Resp	172479
Ion Ratio	Lower	Upper	
82	100		
128	38.0	33.3	49.9
54	55.1	45.1	67.7

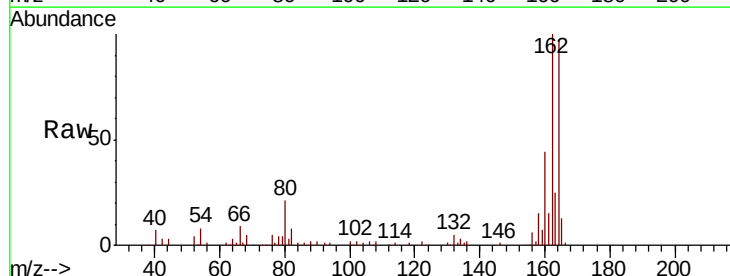


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

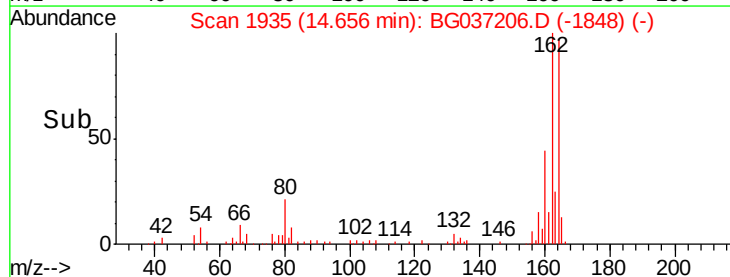
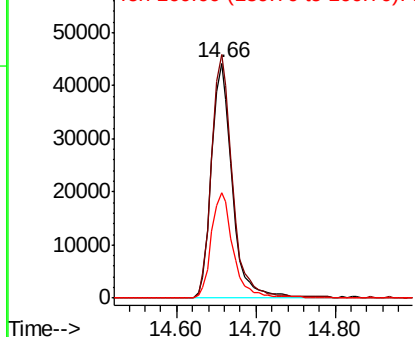


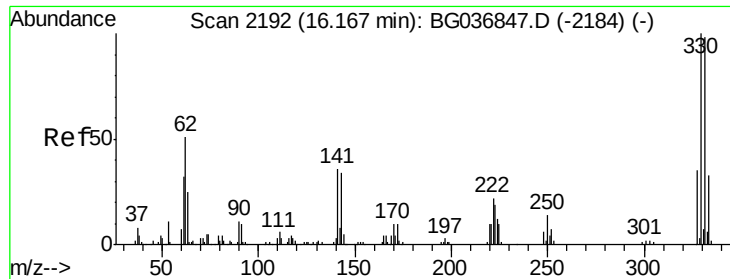
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

Tgt Ion	164	Resp	80580
Ion Ratio	Lower	Upper	
164	100		
162	103.6	80.7	121.1
160	45.1	35.3	52.9



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

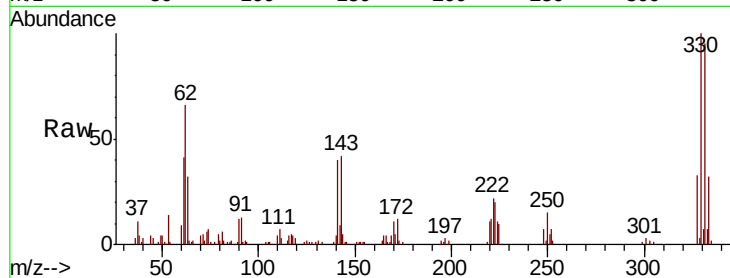




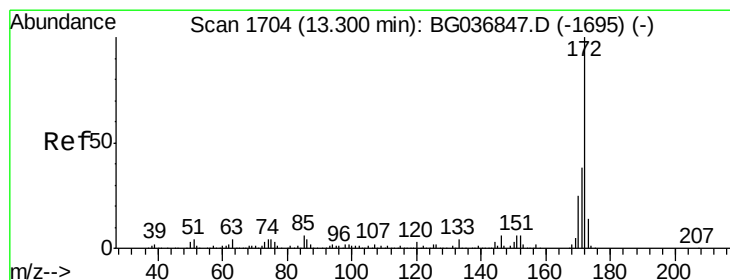
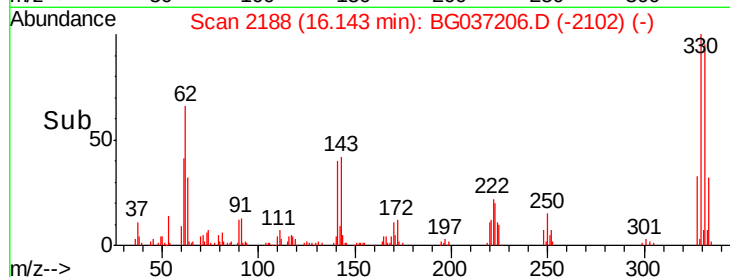
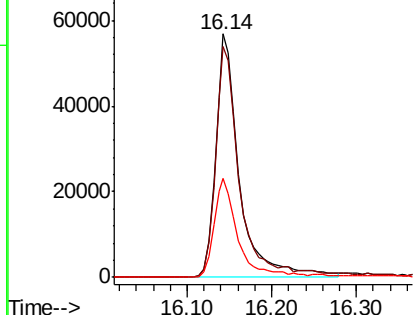
#41
 2,4,6-Tribromophenol
 Concen: 115.325 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037206.D
 Acq: 6 Oct 2018 2:12

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BL

Tot Ion:330 Resp: 111184
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.4 113.2
 141 40.7 30.7 46.1

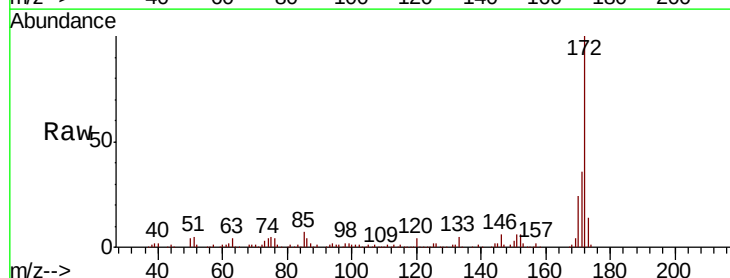


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

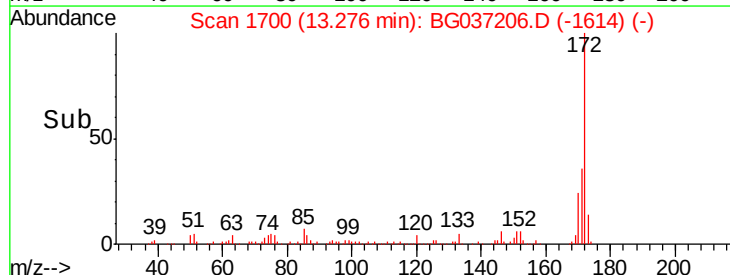
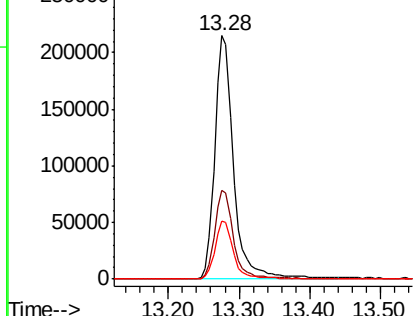


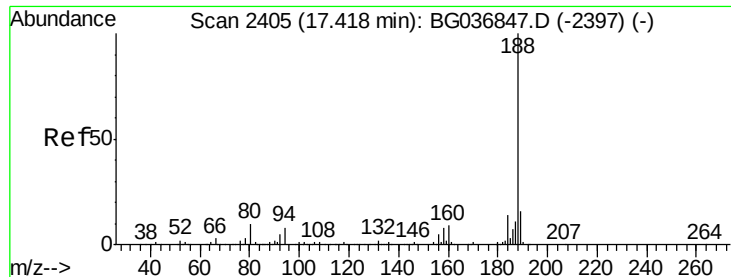
#44
 2-Fluorobiphenyl
 Concen: 73.929 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037206.D
 Acq: 6 Oct 2018 2:12

Tgt Ion:172 Resp: 399977
 Ion Ratio Lower Upper
 172 100
 171 36.2 31.3 46.9
 170 23.9 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

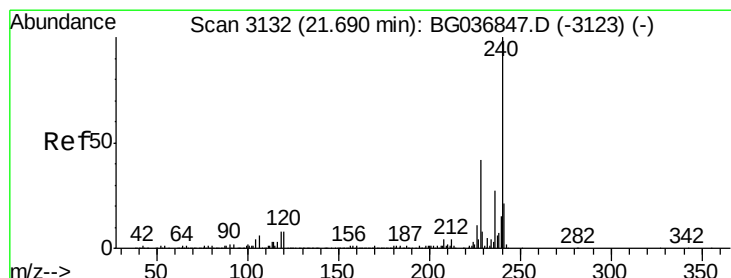
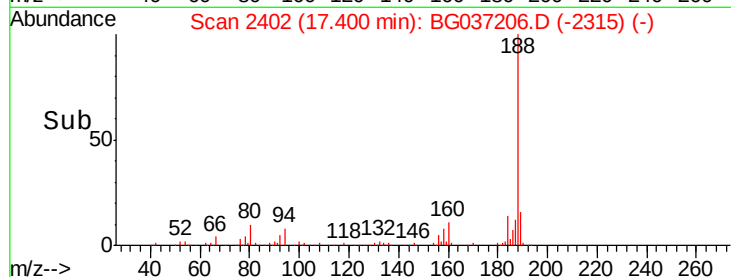
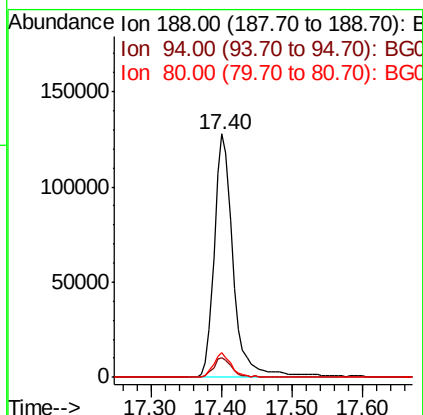
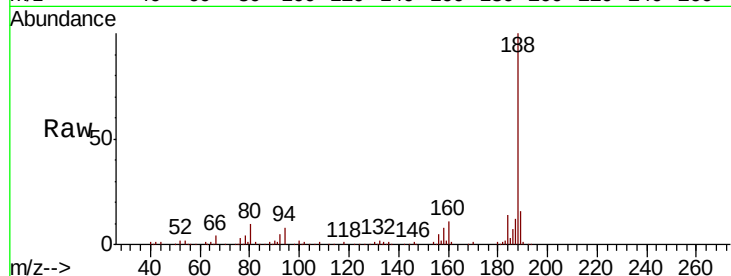




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

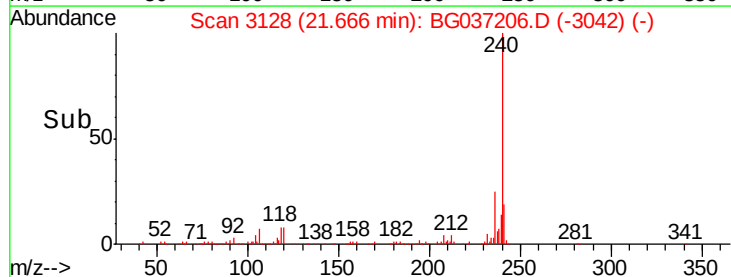
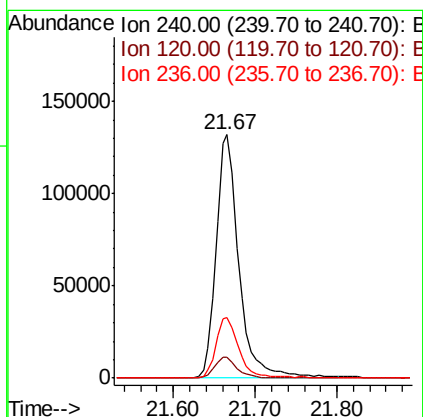
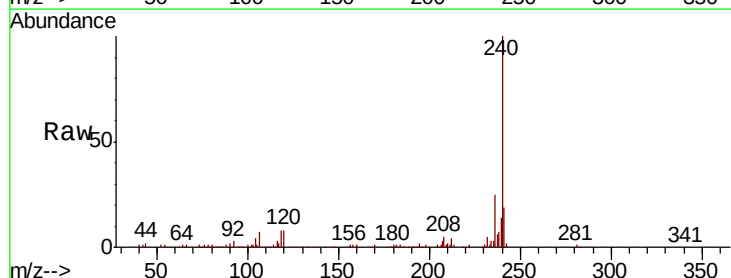
Instrument :
BNA_G
ClientSampleId :
PB113493BL

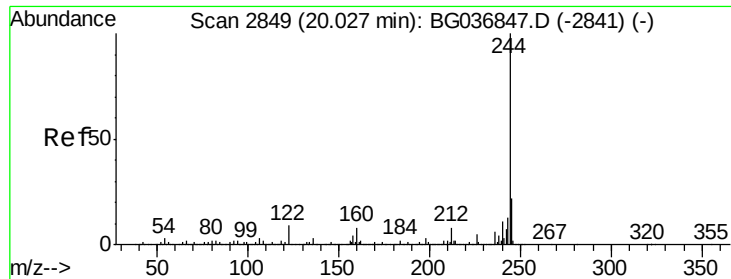
Tot Ion:188 Resp: 238775
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 10.2 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037206.D
Acq: 6 Oct 2018 2:12

Tgt Ion:240 Resp: 255878
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.1 21.2 31.8





#78

Terphenyl-d14

Concen: 87.389 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037206.D

Acq: 6 Oct 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB113493BL

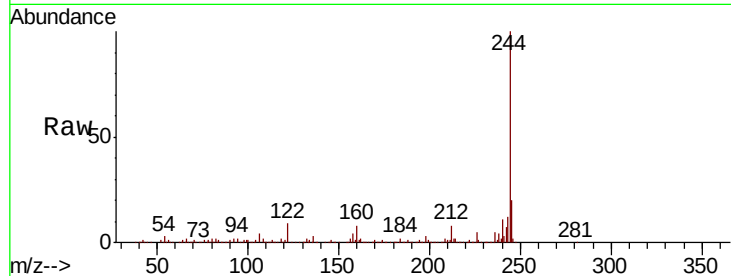
Tot Ion:244 Resp: 850392

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

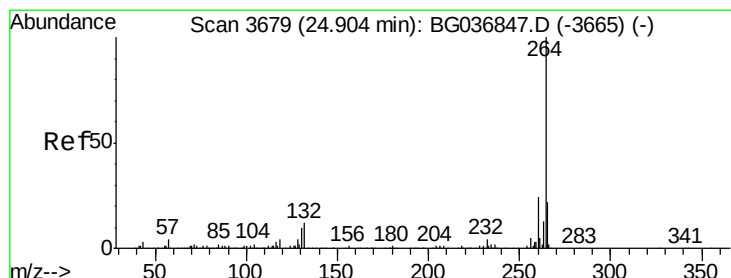
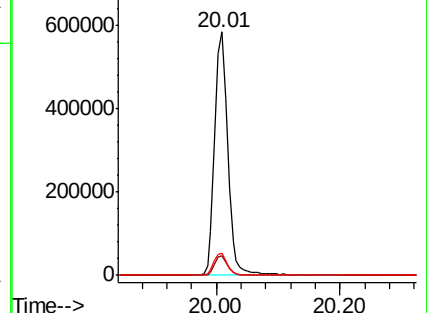
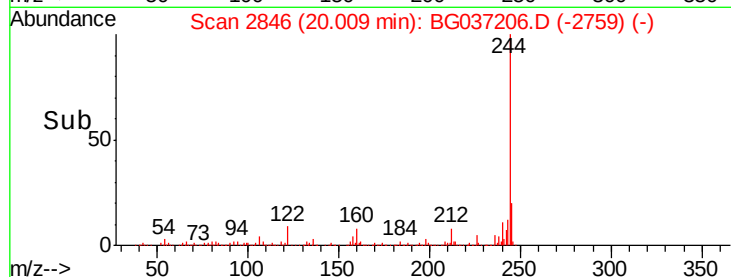
122 9.0 7.1 10.7



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# 3672

Delta R.T. -0.04 min

Lab File: BG037206.D

Acq: 6 Oct 2018 2:12

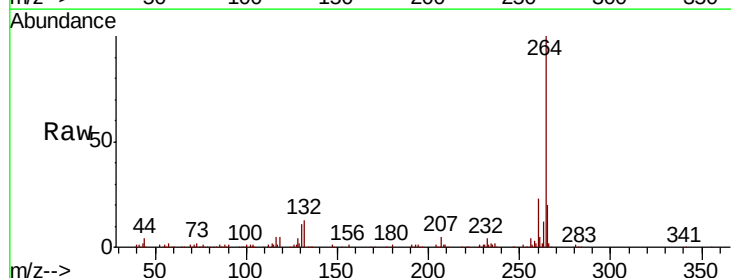
Tgt Ion:264 Resp: 250874

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 20.5 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

