

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037170.D
 Acq On : 5 Oct 2018 00:40
 Operator : JU/SJ
 Sample : PB113496BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BL

Quant Time: Oct 05 01:54:30 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	33105	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	136418	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	92101	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	270982	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	286834	20.00	ng	-0.02
86) Perylene-d12	24.86	264	283002	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	232080	134.44	ng	-0.02
7) Phenol-d6	7.19	99	320110	119.86	ng	-0.02
23) Nitrobenzene-d5	9.19	82	203529	79.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	129251	117.29	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	464171	75.06	ng	-0.02
78) Terphenyl-d14	20.01	244	975748	89.45	ng	-0.02

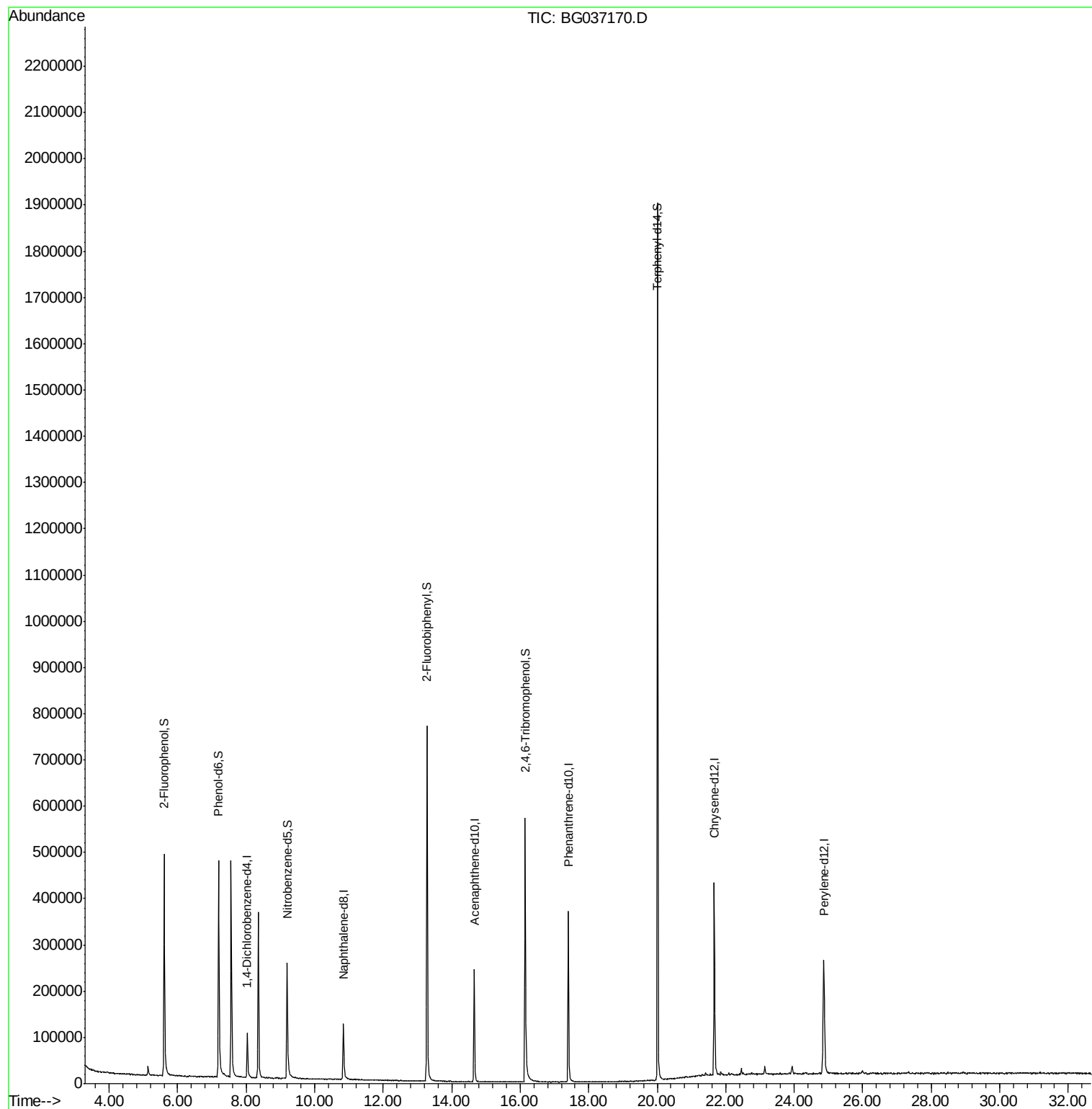
Target Compounds Qvalue

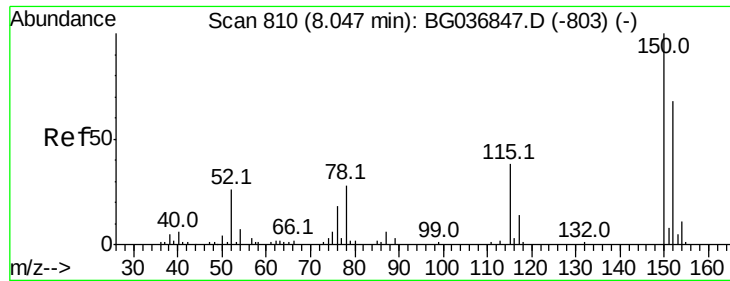
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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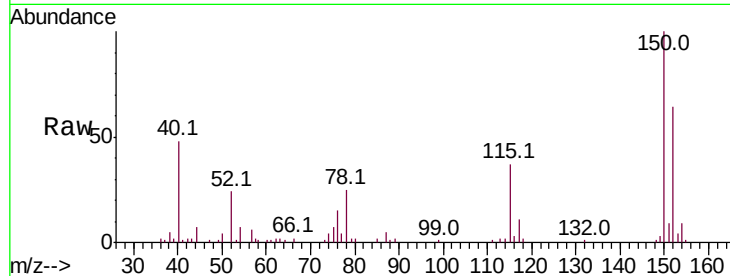


#1

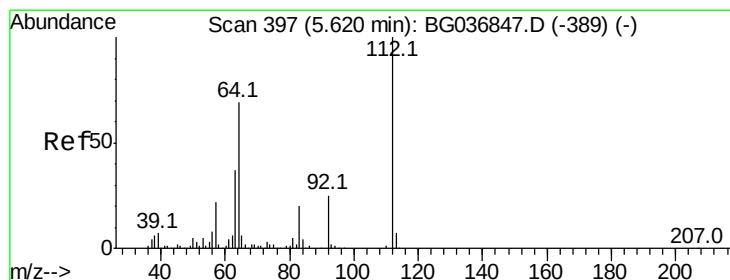
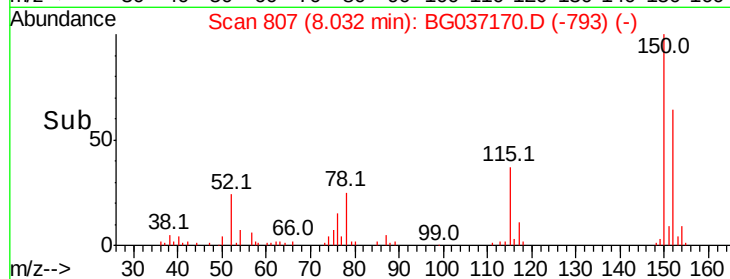
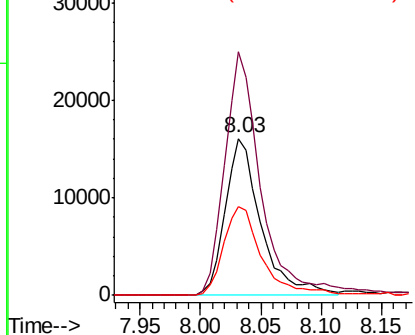
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037170.D
Acq: 5 Oct 2018 00:40

Instrument :
BNA_G
ClientSampleId :
PB113496BL

Tot Ion:152 Resp: 33105
Ion Ratio Lower Upper
152 100
150 155.5 119.5 179.3
115 57.0 44.5 66.7



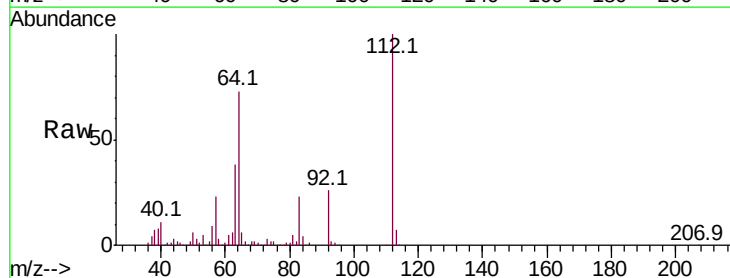
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



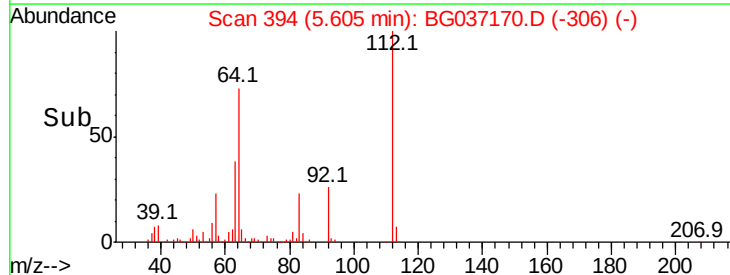
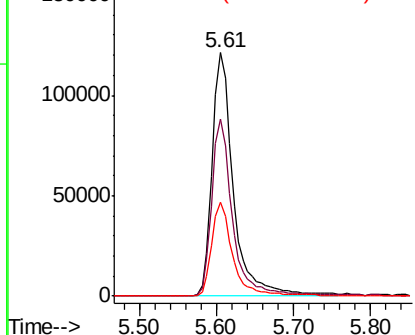
#5

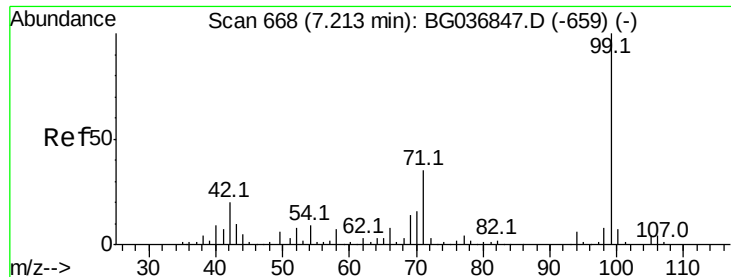
2-Fluorophenol
Concen: 134.445 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037170.D
Acq: 5 Oct 2018 00:40

Tgt Ion:112 Resp: 232080
Ion Ratio Lower Upper
112 100
64 72.8 57.2 85.8
63 38.4 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: 119.858 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037170.D

Acq: 5 Oct 2018 00:40

Instrument :

BNA_G

ClientSampleId :

PB113496BL

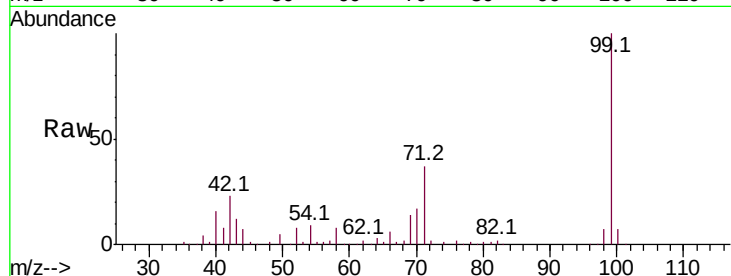
Tot Ion: 99 Resp: 320110

Ion Ratio Lower Upper

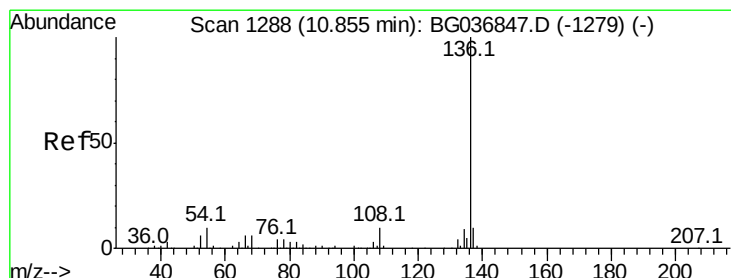
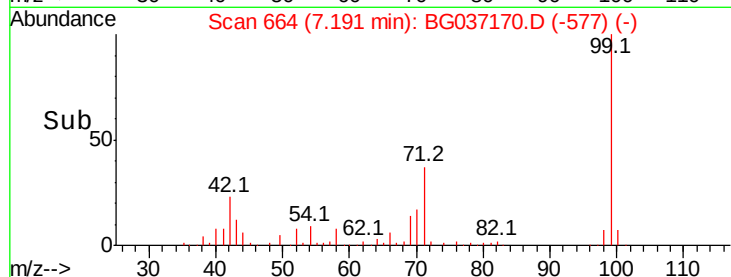
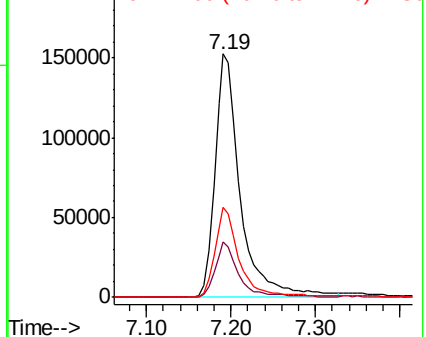
99 100

42 22.7 16.5 24.7

71 36.9 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: BG037170.D

Acq: 5 Oct 2018 00:40

Tgt Ion:136 Resp: 136418

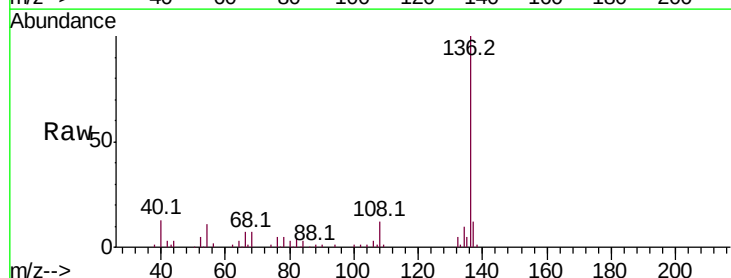
Ion Ratio Lower Upper

136 100

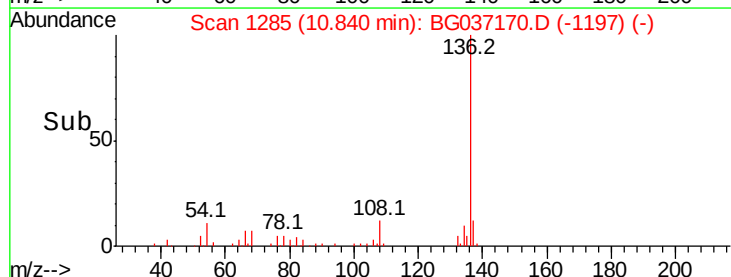
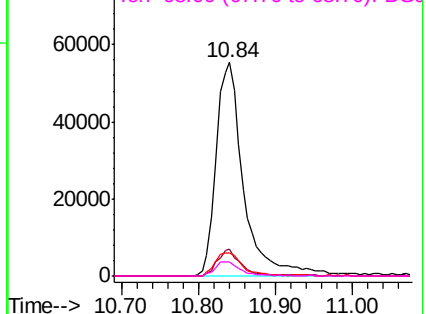
137 12.4 8.8 13.2

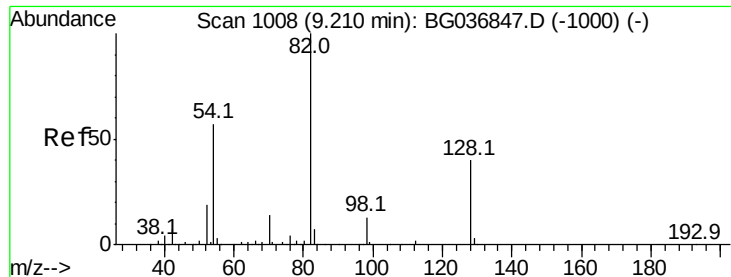
54 11.0 9.2 13.8

68 6.6 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

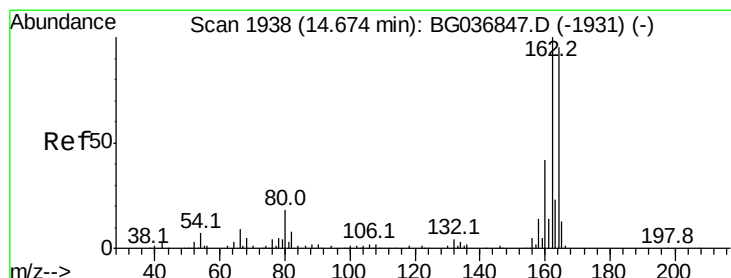
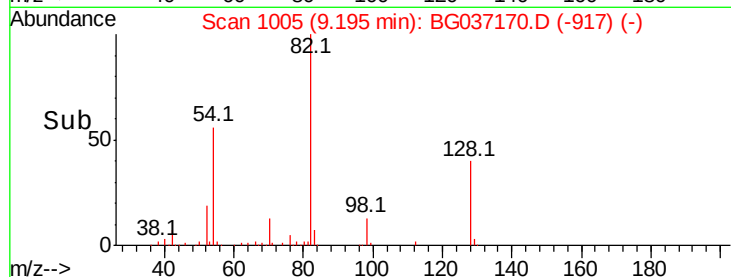
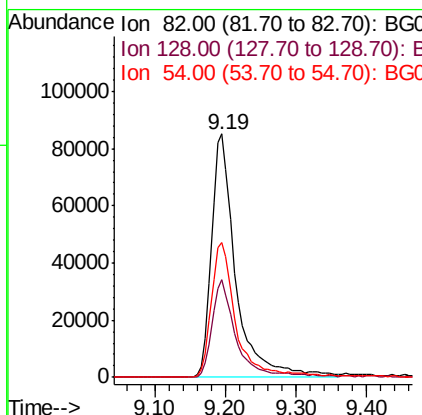
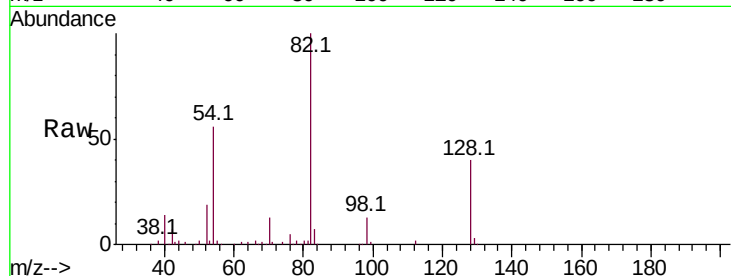




#23
 Nitrobenzene-d5
 Concen: 79.896 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037170.D
 Acq: 5 Oct 2018 00:40

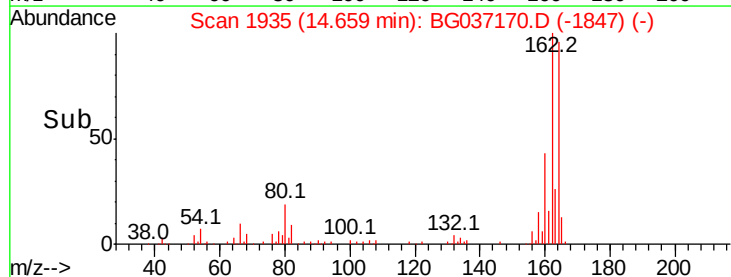
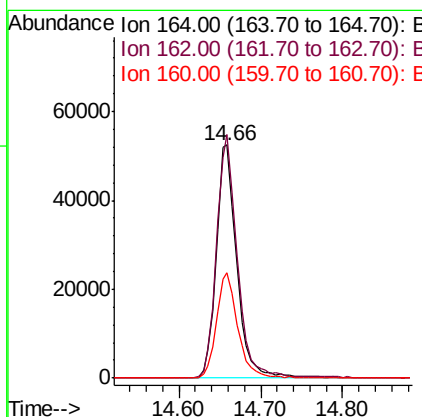
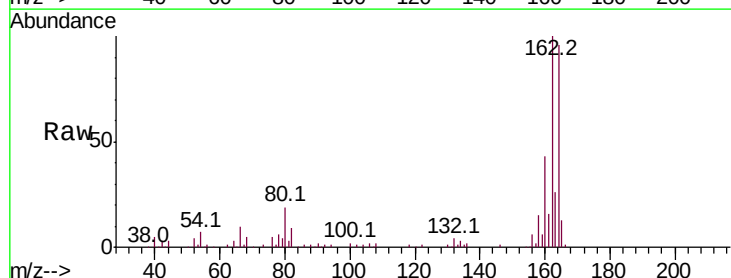
Instrument :
 BNA_G
 ClientSampleId :
 PB113496BL

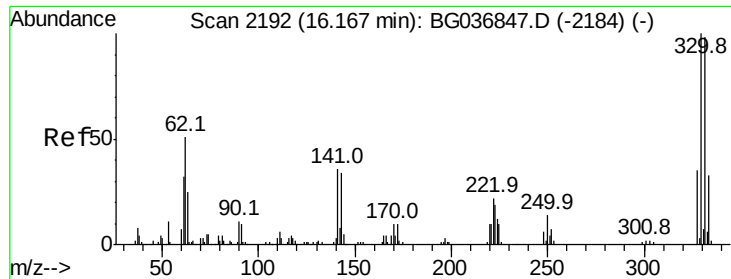
Tot Ion	82	Resp	203529
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.3	49.9
54	55.6	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037170.D
 Acq: 5 Oct 2018 00:40

Tgt Ion	164	Resp	92101
Ion Ratio	Lower	Upper	
164	100		
162	104.4	80.7	121.1
160	45.4	35.3	52.9

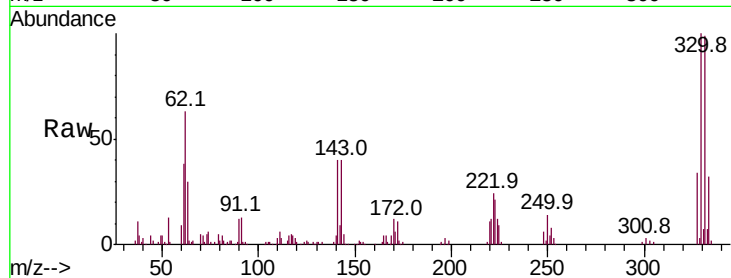




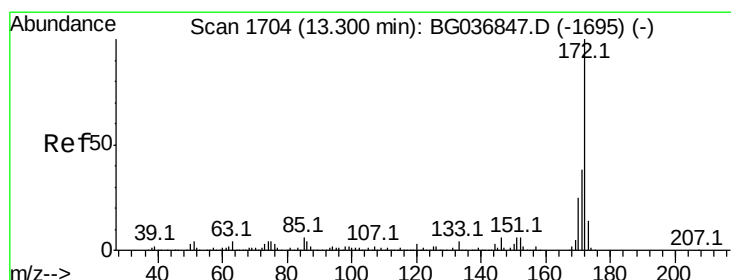
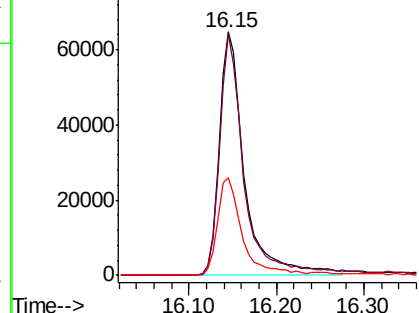
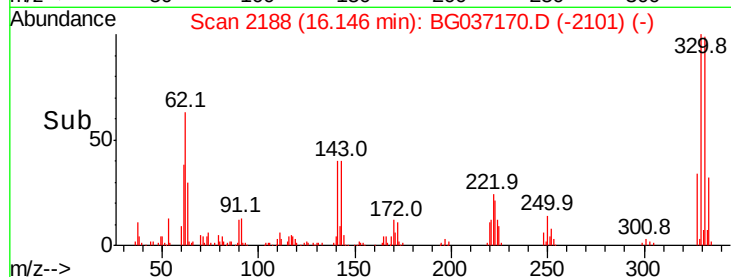
#41
 2,4,6-Tribromophenol
 Concen: 117.295 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037170.D
 Acq: 5 Oct 2018 00:40

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BL

Tot Ion:330 Resp: 129251
 Ion Ratio Lower Upper
 330 100
 332 94.0 75.4 113.2
 141 39.0 30.7 46.1

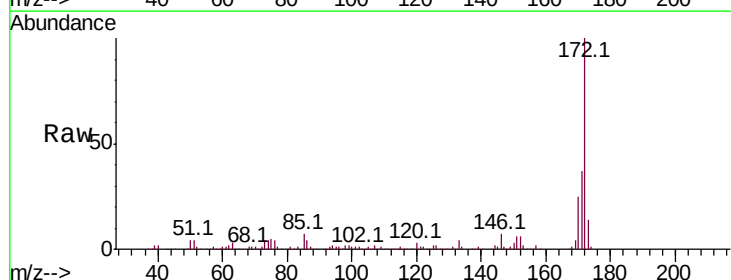


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

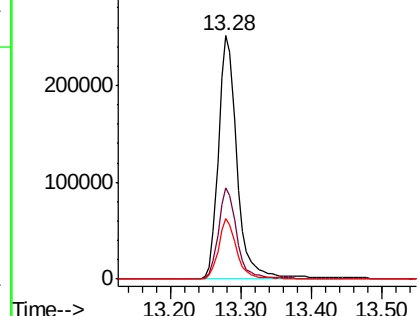
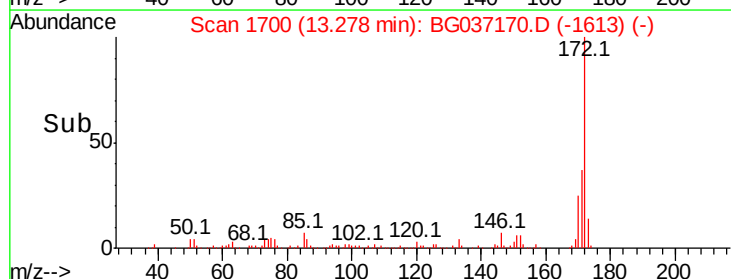


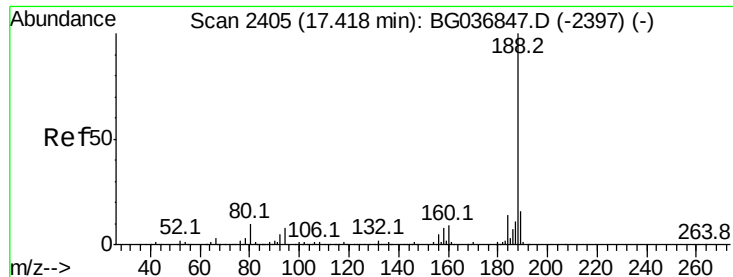
#44
 2-Fluorobiphenyl
 Concen: 75.062 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037170.D
 Acq: 5 Oct 2018 00:40

Tgt Ion:172 Resp: 464171
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.3 46.9
 170 25.1 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

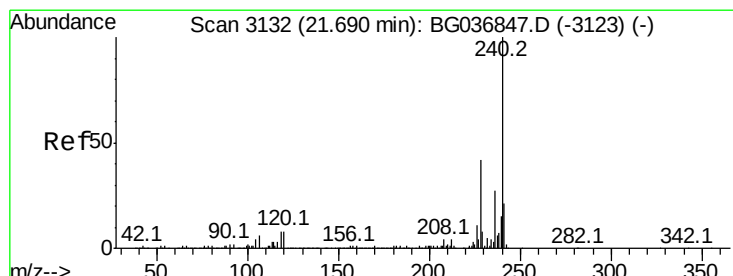
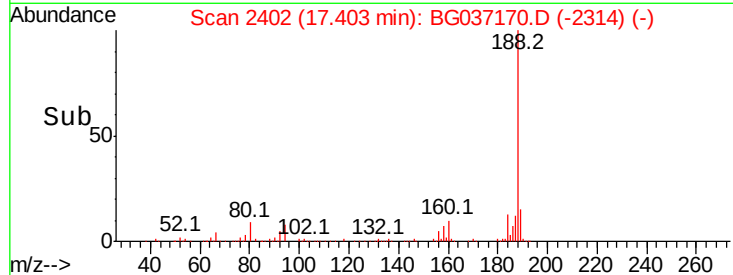
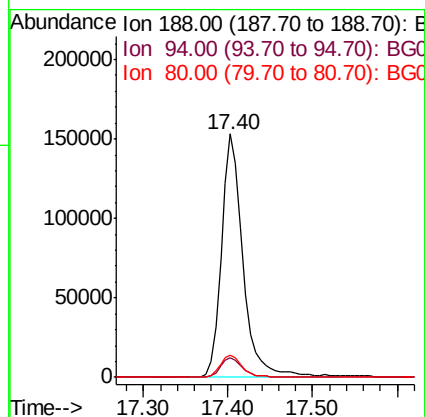
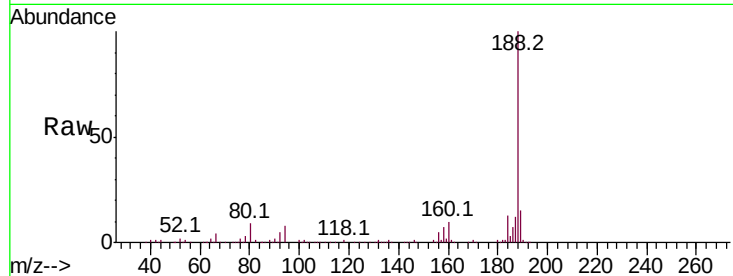




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037170.D
Acq: 5 Oct 2018 00:40

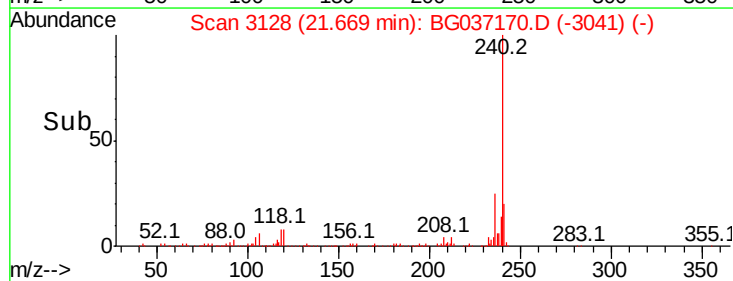
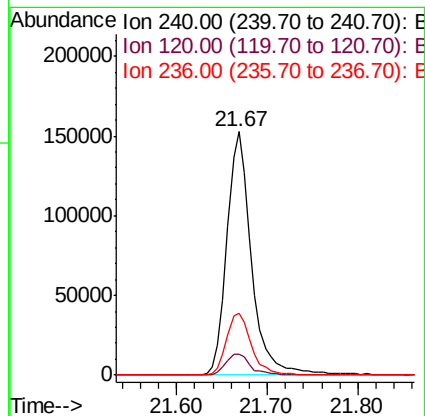
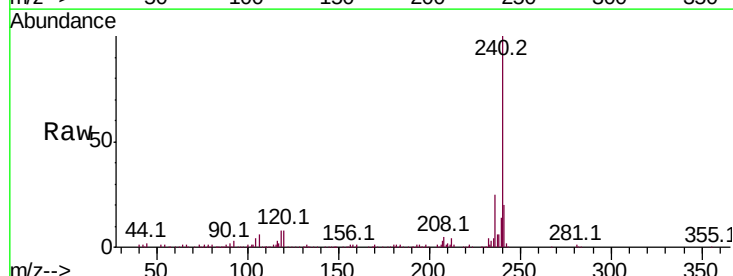
Instrument :
BNA_G
ClientSampleId :
PB113496BL

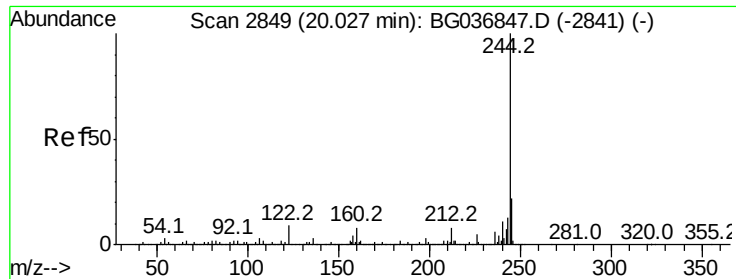
Tot Ion:188 Resp: 270982
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.2 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037170.D
Acq: 5 Oct 2018 00:40

Tgt Ion:240 Resp: 286834
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 89.450 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037170.D

Acq: 5 Oct 2018 00:40

Instrument :

BNA_G

ClientSampleId :

PB113496BL

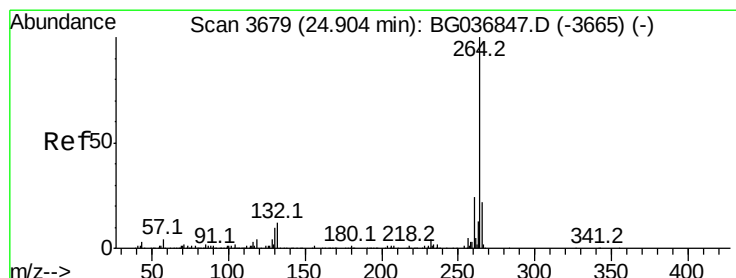
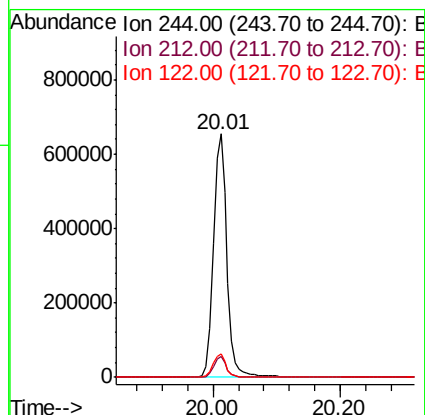
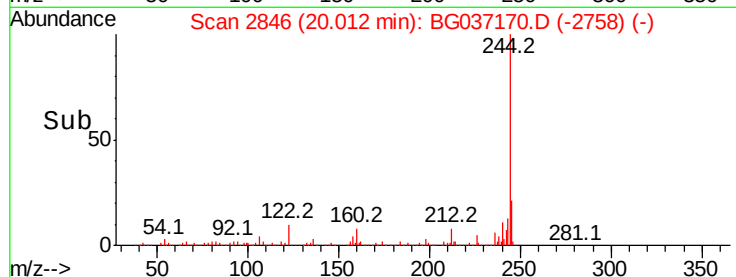
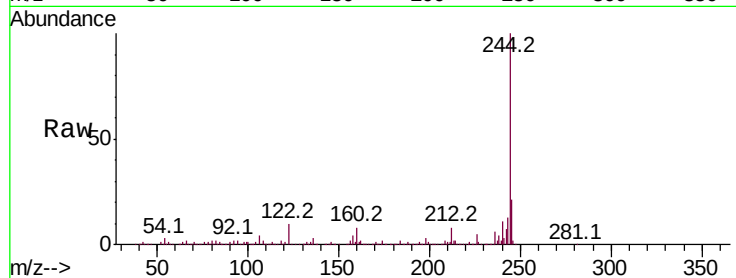
Tot Ion:244 Resp: 975748

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

122 9.7 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.04 min

Lab File: BG037170.D

Acq: 5 Oct 2018 00:40

Tgt Ion:264 Resp: 283002

Ion Ratio Lower Upper

264 100

260 22.3 19.6 29.4

265 20.7 17.4 26.0

