

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037204.D
 Acq On : 6 Oct 2018 00:54
 Operator : JU/SJ
 Sample : PB113566BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113566BL

Quant Time: Oct 06 05:27:48 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	32468	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	131991	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	90299	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	258378	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	277481	20.00	ng	-0.02
86) Perylene-d12	24.86	264	263523	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	223605	132.08	ng	-0.02
7) Phenol-d6	7.19	99	308582	117.81	ng	-0.02
23) Nitrobenzene-d5	9.19	82	197528	80.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	124439	115.18	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	452631	74.66	ng	-0.02
78) Terphenyl-d14	20.01	244	924272	87.59	ng	-0.02

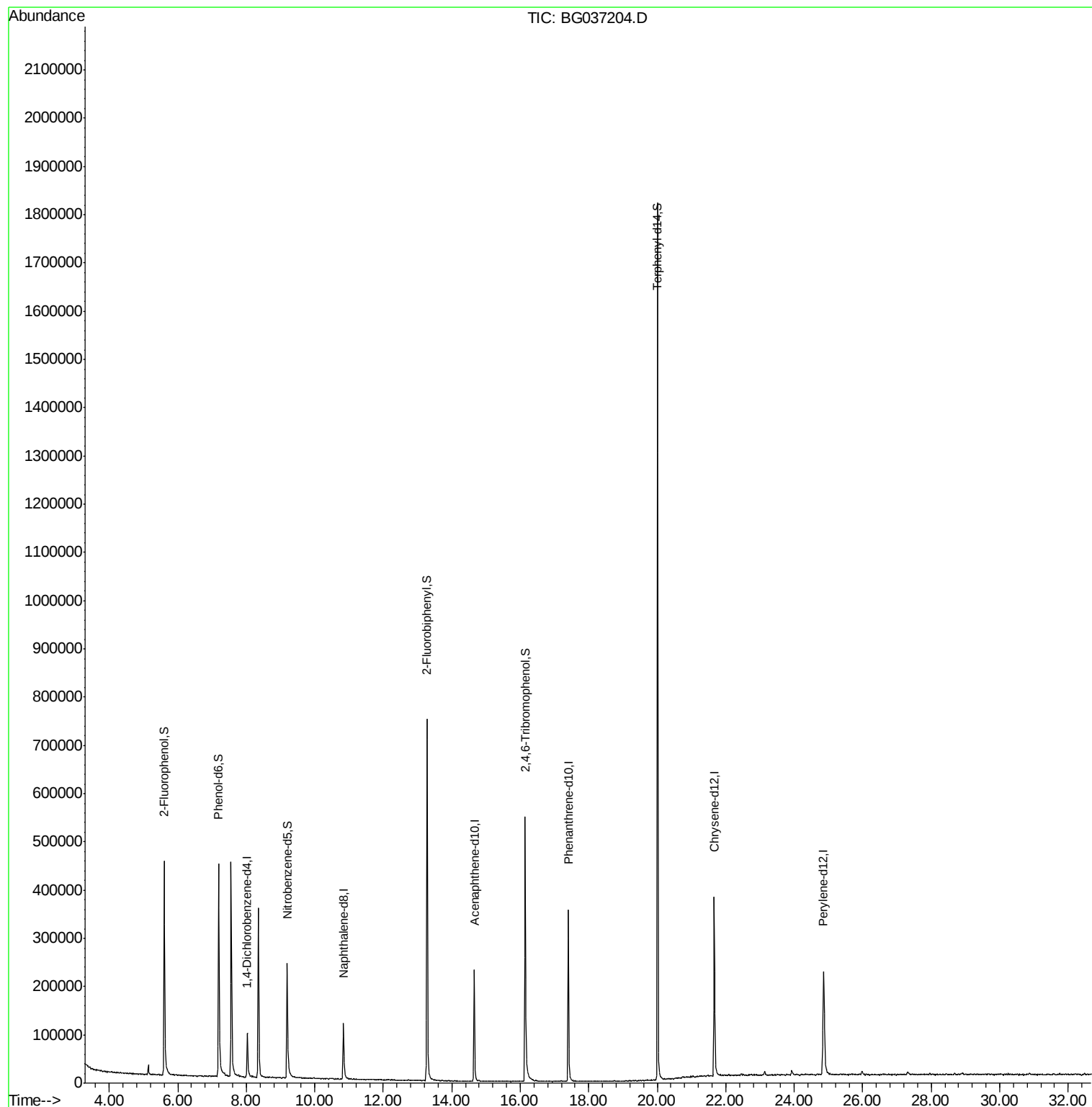
Target Compounds Qvalue

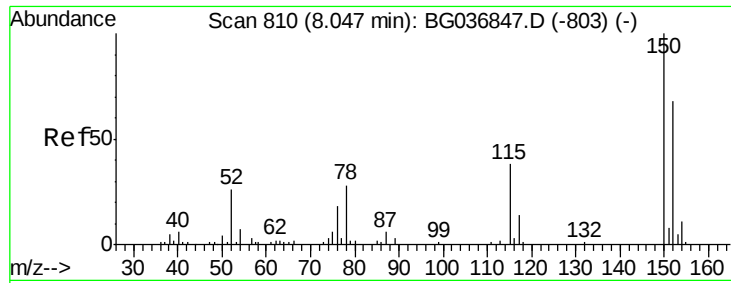
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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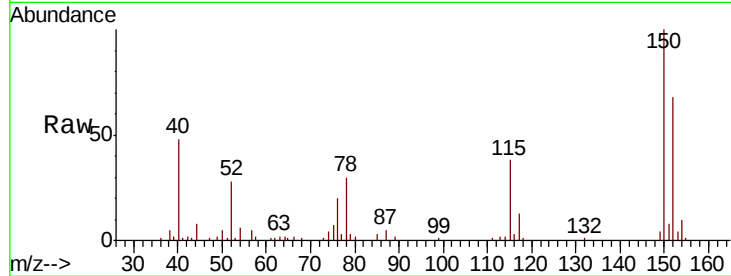


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BG037204.D
 Acq: 6 Oct 2018 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PB113566BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	119.5	179.3
115	56.4	44.5	66.7

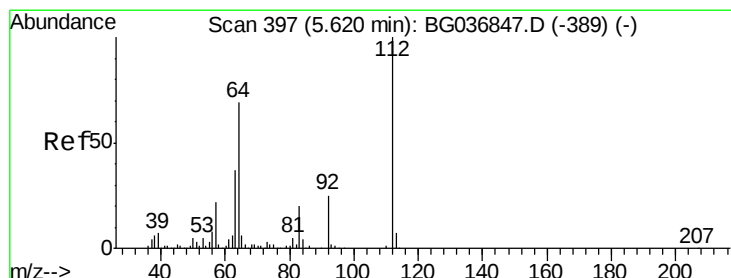
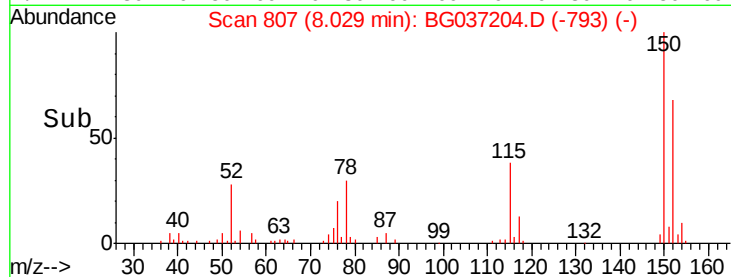
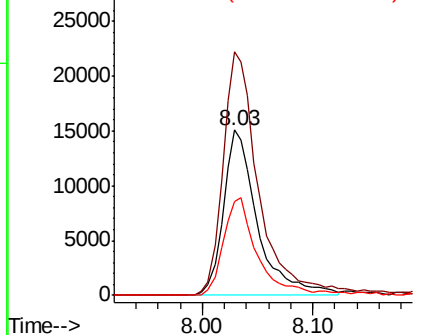


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

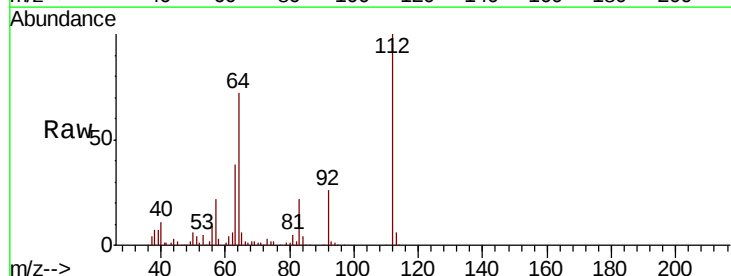
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 132.076 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.02 min
 Lab File: BG037204.D
 Acq: 6 Oct 2018 00:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.2	85.8
63	37.7	30.8	46.2

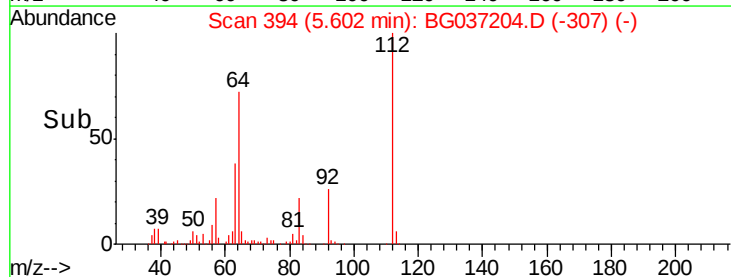
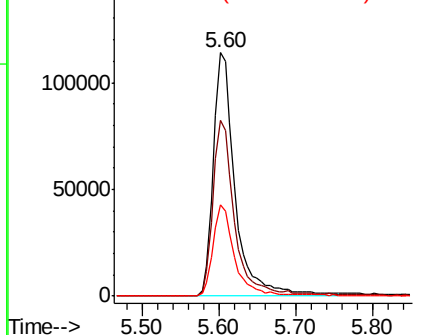


Abundance

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: 117.808 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037204.D

Acq: 6 Oct 2018 00:54

Instrument :

BNA_G

ClientSampleId :

PB113566BL

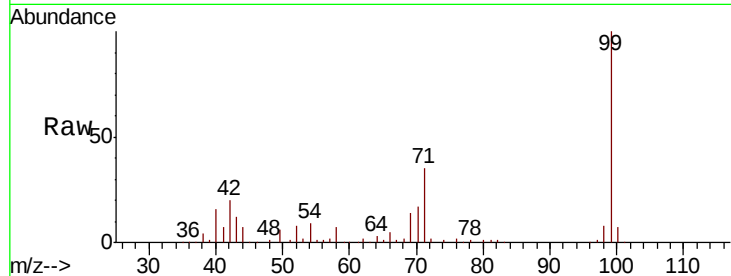
Tot Ion: 99 Resp: 308582

Ion Ratio Lower Upper

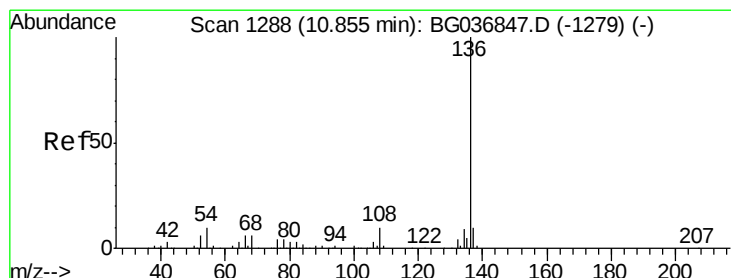
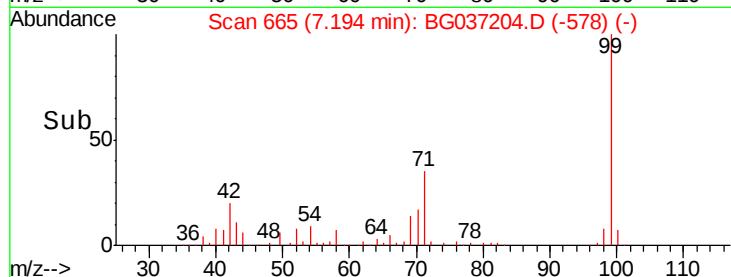
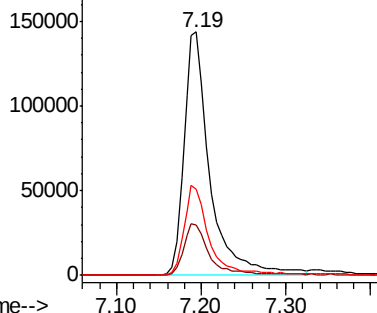
99 100

42 20.5 16.5 24.7

71 35.5 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: BG037204.D

Acq: 6 Oct 2018 00:54

Tgt Ion: 136 Resp: 131991

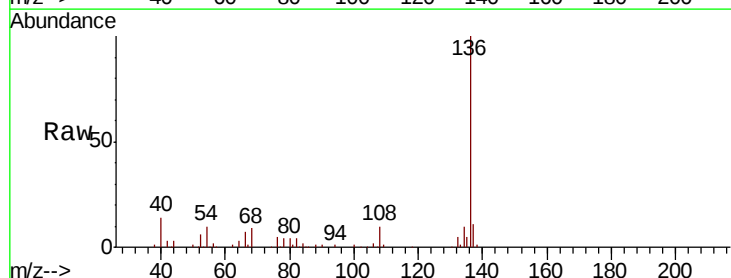
Ion Ratio Lower Upper

136 100

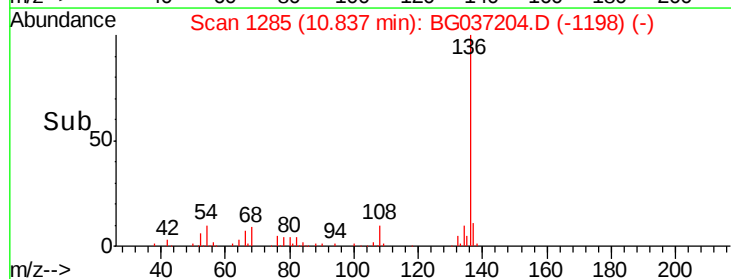
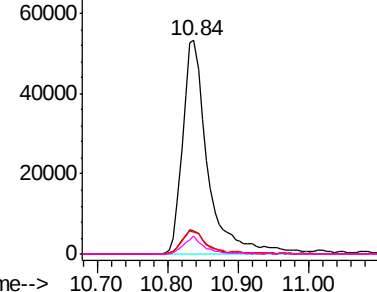
137 10.5 8.8 13.2

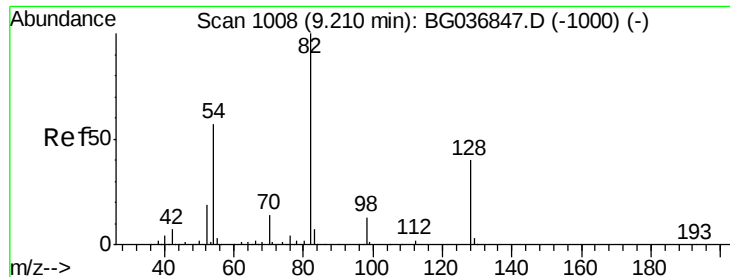
54 10.5 9.2 13.8

68 8.6 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

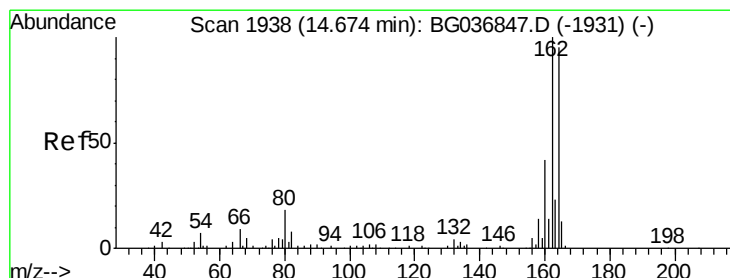
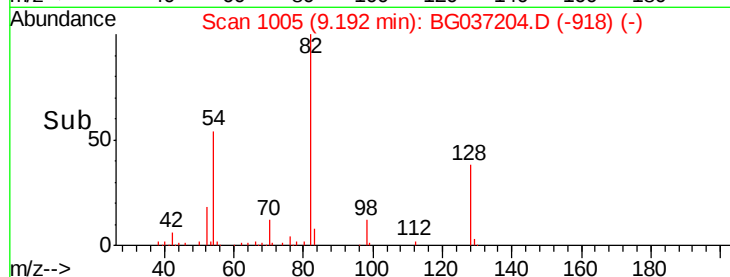
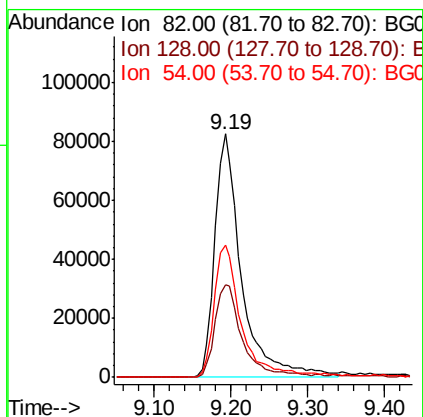
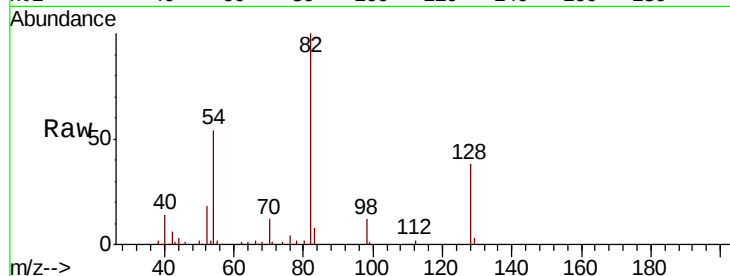




#23
Nitrobenzene-d5
Concen: 80.141 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037204.D
Acq: 6 Oct 2018 00:54

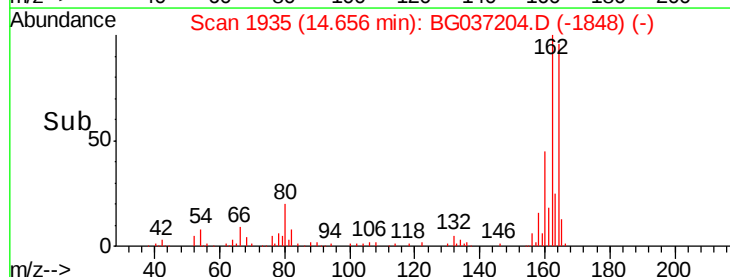
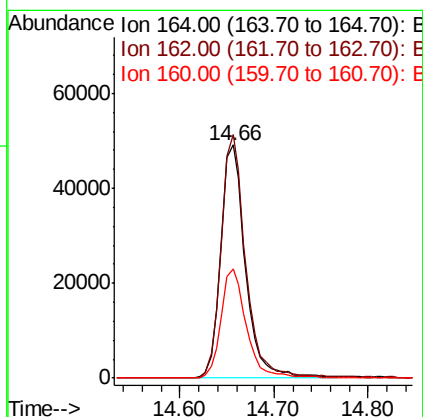
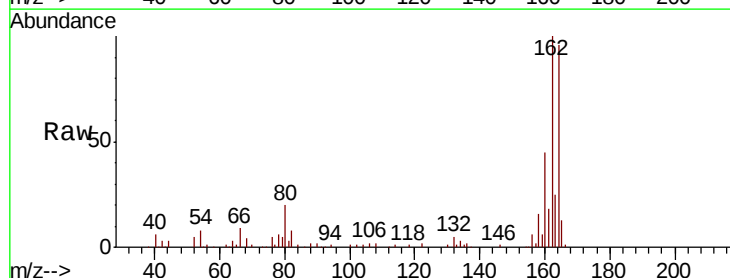
Instrument :
BNA_G
ClientSampleId :
PB113566BL

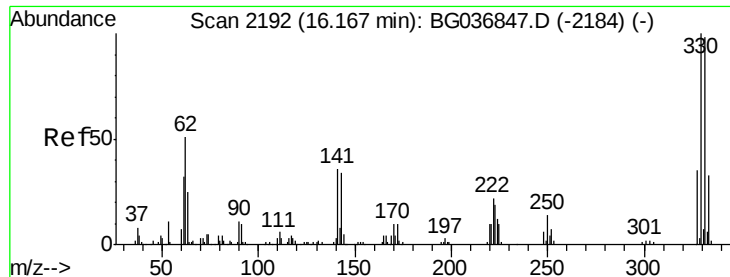
Tot Ion: 82 Resp: 197528
Ion Ratio Lower Upper
82 100
128 38.3 33.3 49.9
54 54.5 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037204.D
Acq: 6 Oct 2018 00:54

Tgt Ion:164 Resp: 90299
Ion Ratio Lower Upper
164 100
162 104.6 80.7 121.1
160 47.0 35.3 52.9

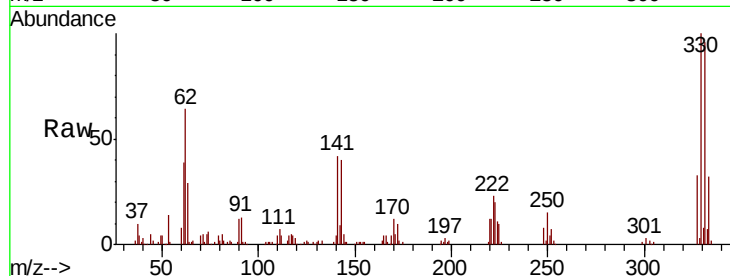




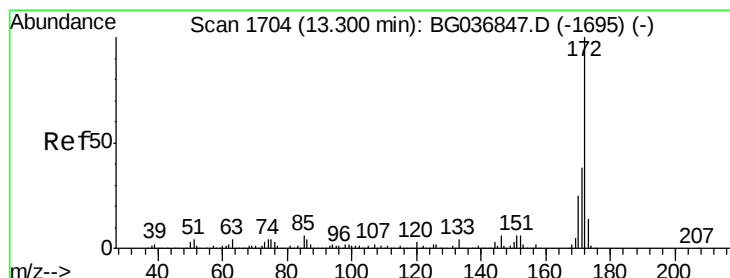
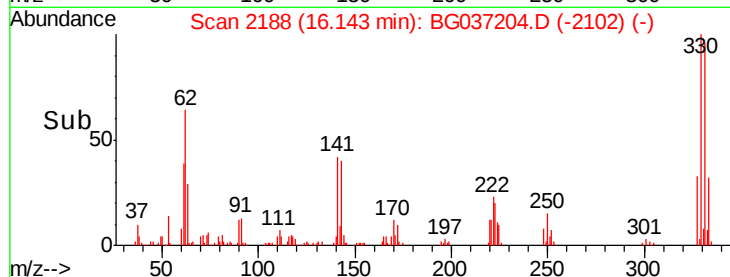
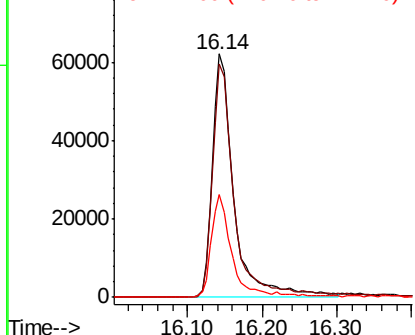
#41
 2,4,6-Tribromophenol
 Concen: 115.182 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037204.D
 Acq: 6 Oct 2018 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PB113566BL

Tot Ion:330 Resp: 124439
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.2
 141 38.5 30.7 46.1

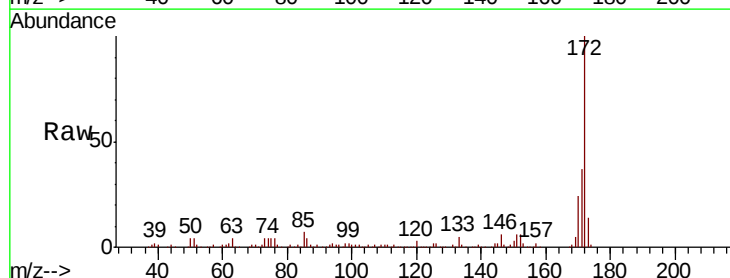


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

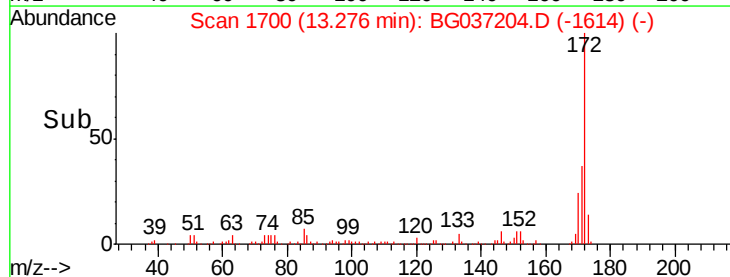
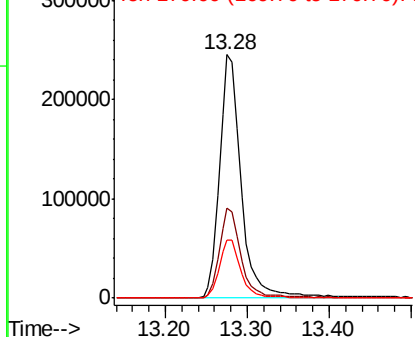


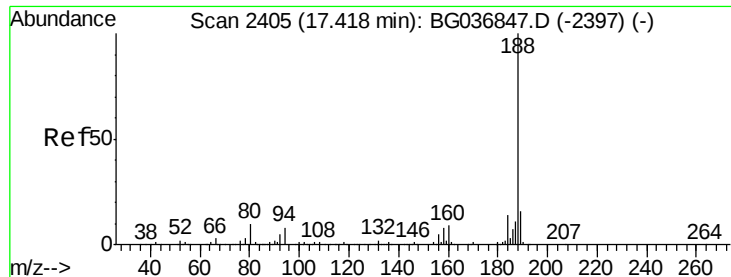
#44
 2-Fluorobiphenyl
 Concen: 74.657 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037204.D
 Acq: 6 Oct 2018 00:54

Tgt Ion:172 Resp: 452631
 Ion Ratio Lower Upper
 172 100
 171 37.2 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

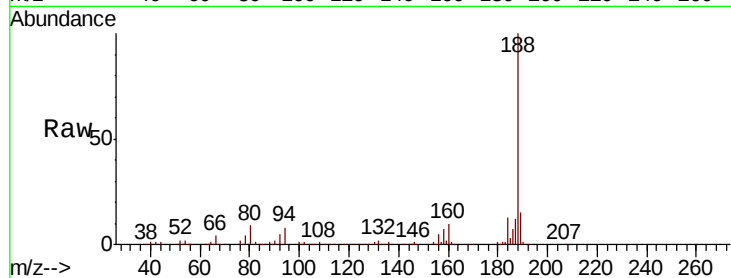




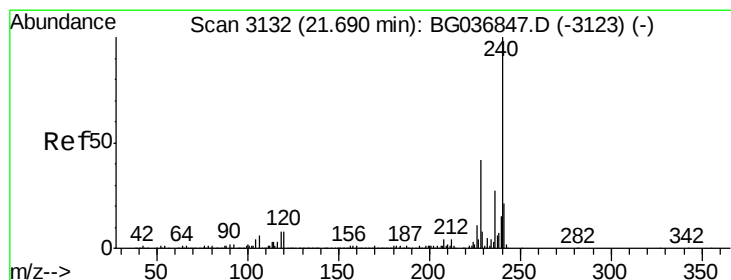
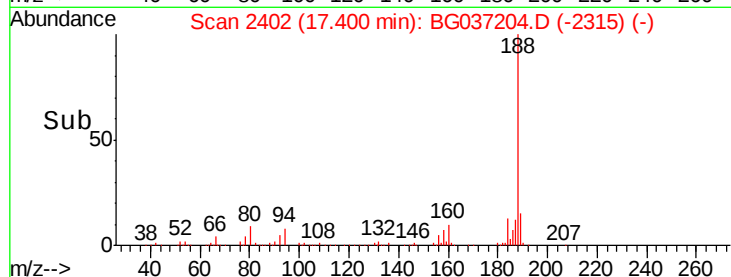
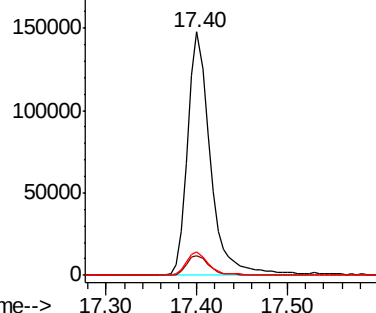
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037204.D
Acq: 6 Oct 2018 00:54

Instrument :
BNA_G
ClientSampleId :
PB113566BL

Tot Ion:188 Resp: 258378
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.5 8.1 12.1

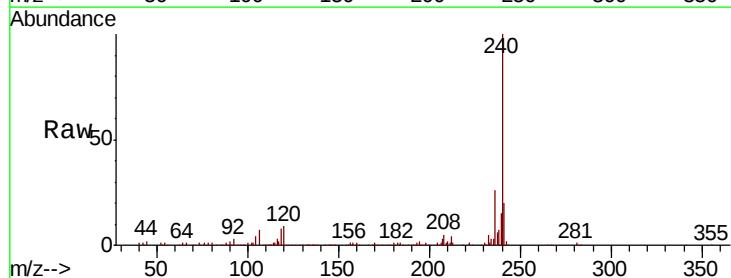


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

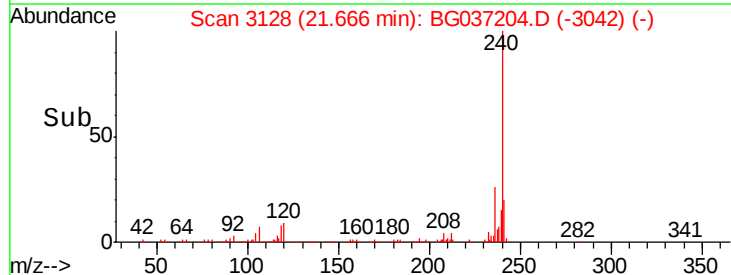
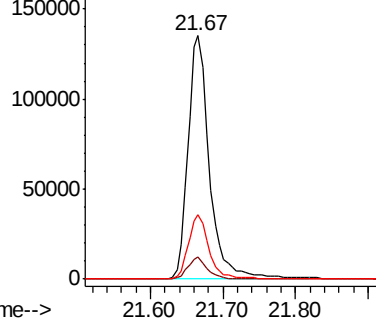


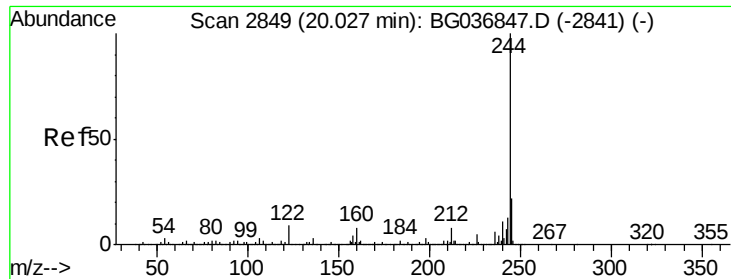
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037204.D
Acq: 6 Oct 2018 00:54

Tgt Ion:240 Resp: 277481
Ion Ratio Lower Upper
240 100
120 9.1 6.9 10.3
236 26.3 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: 87.587 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037204.D

Acq: 6 Oct 2018 00:54

Instrument :

BNA_G

ClientSampleId :

PB113566BL

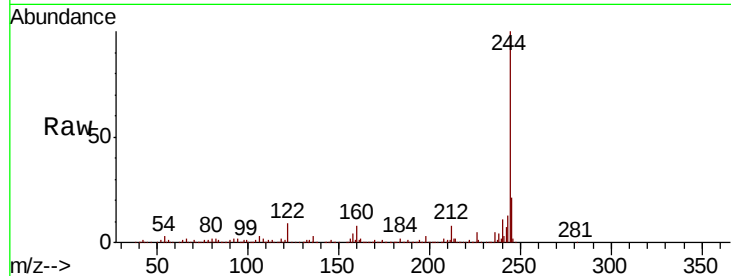
Tot Ion:244 Resp: 924272

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

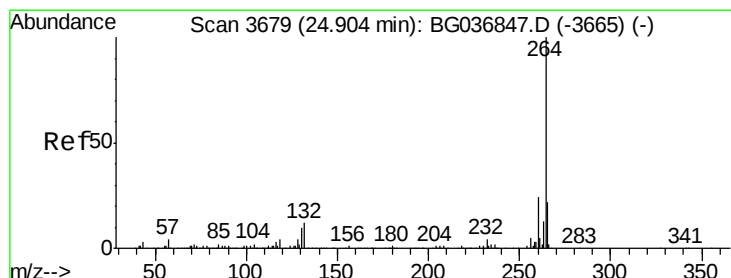
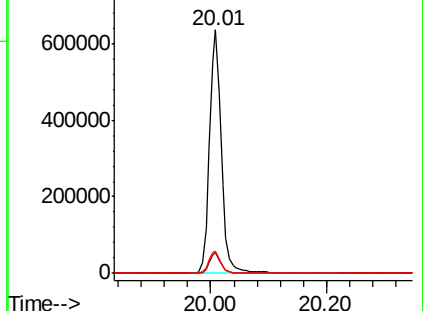
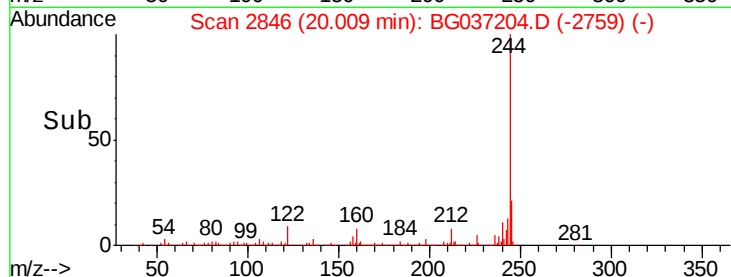
122 9.2 7.1 10.7



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: BG037204.D

Acq: 6 Oct 2018 00:54

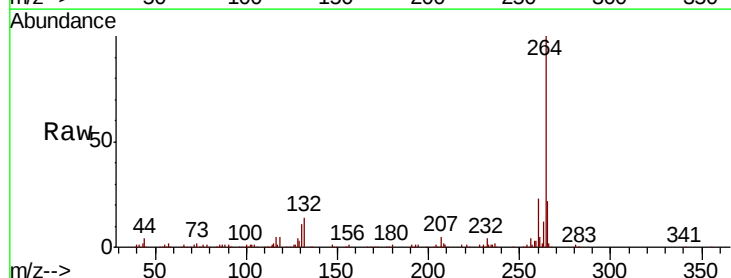
Tgt Ion:264 Resp: 263523

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 22.3 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

