

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037092.D
 Acq On : 2 Oct 2018 1:26
 Operator : JU/SJ
 Sample : PB113379BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113379BL

Quant Time: Oct 02 06:58:00 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	42081	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	174269	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	108737	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	288064	20.00	ng	0.00
75) Chrysene-d12	21.67	240	320719	20.00	ng	-0.02
86) Perylene-d12	24.88	264	304687	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	326801	148.94	ng	0.00
7) Phenol-d6	7.20	99	436241	128.50	ng	-0.01
23) Nitrobenzene-d5	9.20	82	293574	90.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	158335	121.71	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	640030	87.67	ng	-0.01
78) Terphenyl-d14	20.02	244	1193988	97.89	ng	-0.01

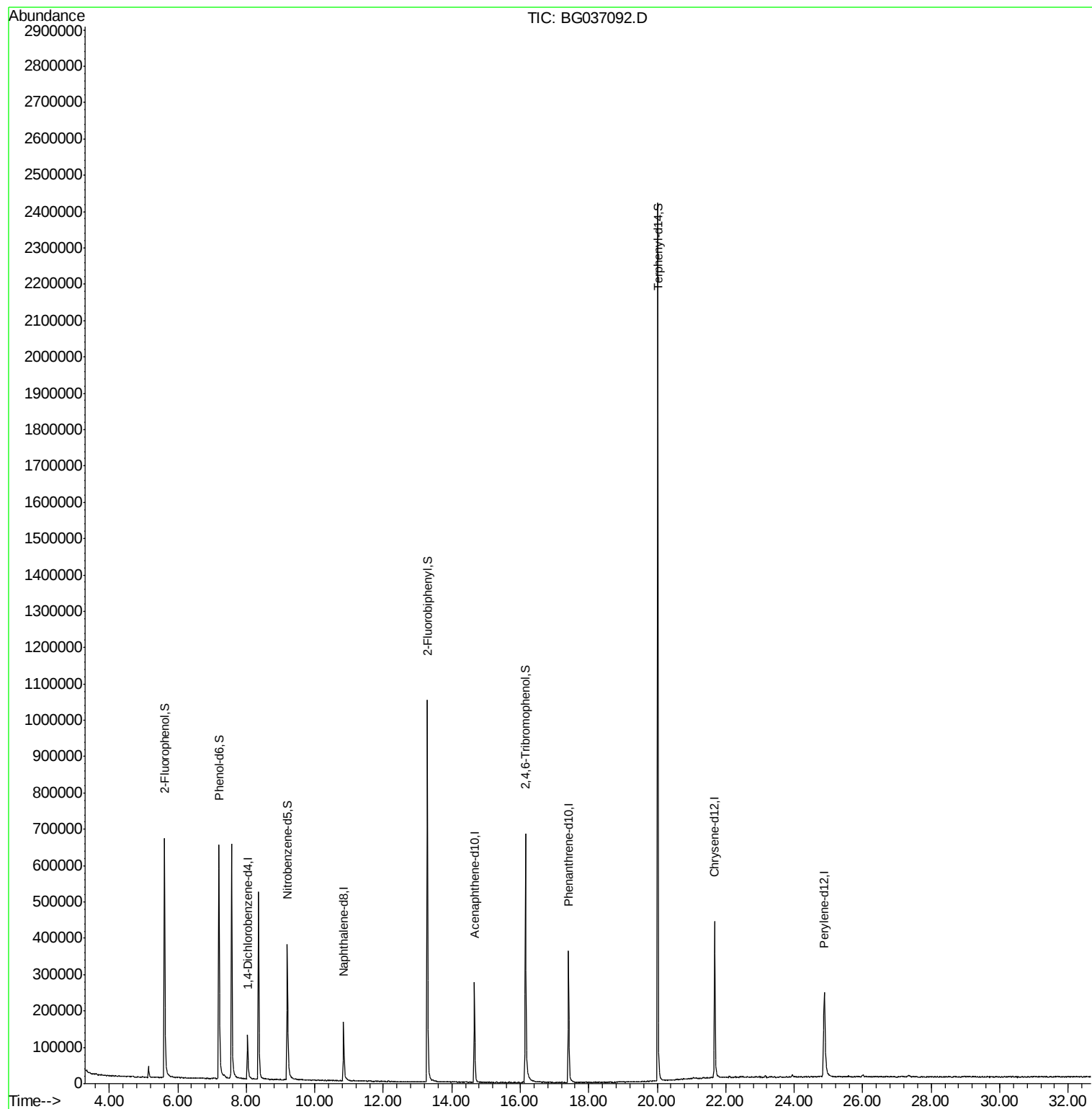
Target Compounds Qvalue

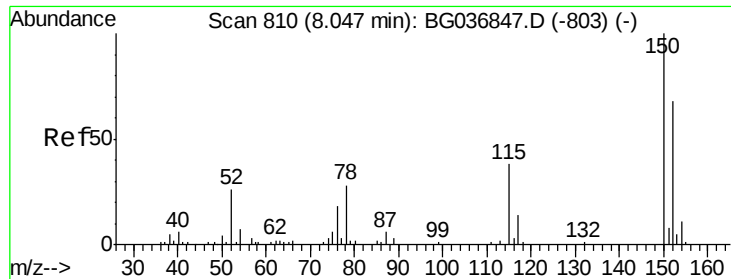
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037092.D

Acq: 2 Oct 2018 1:26

Instrument :

BNA_G

ClientSampleId :

PB113379BL

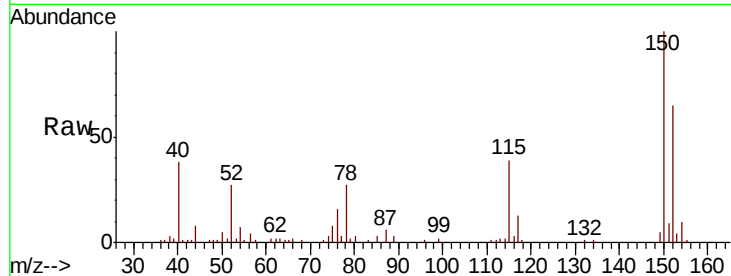
Tot Ion:152 Resp: 42081

Ion Ratio Lower Upper

152 100

150 154.1 119.5 179.3

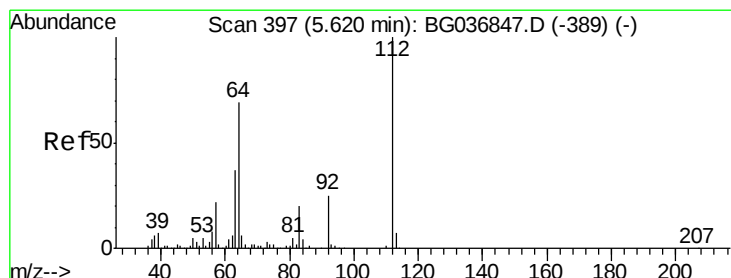
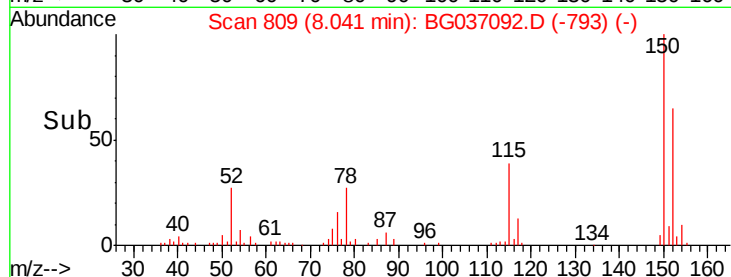
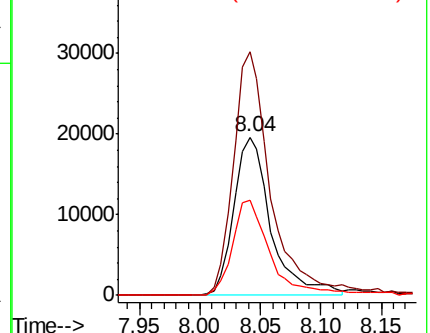
115 60.6 44.5 66.7



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: 148.935 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037092.D

Acq: 2 Oct 2018 1:26

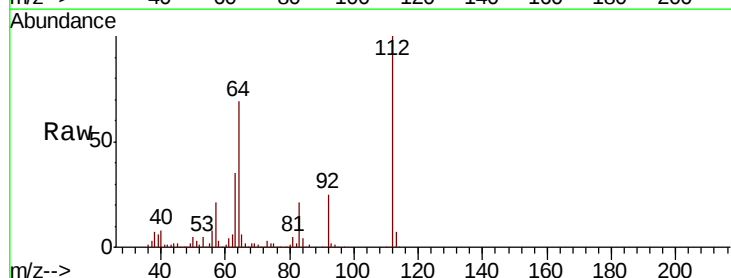
Tgt Ion:112 Resp: 326801

Ion Ratio Lower Upper

112 100

64 68.9 57.2 85.8

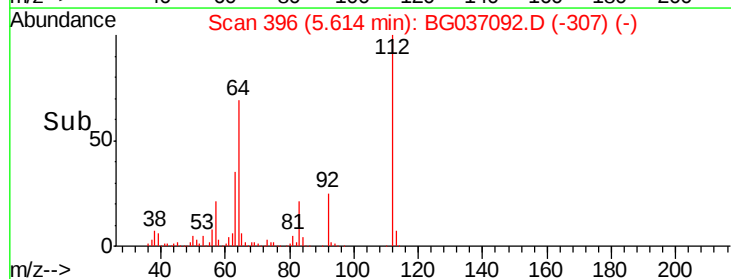
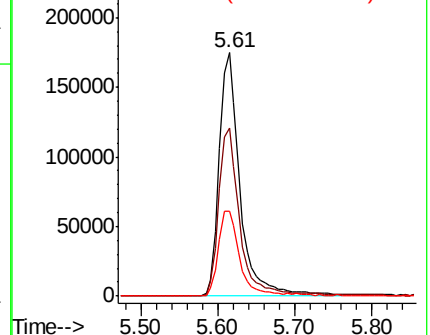
63 35.0 30.8 46.2

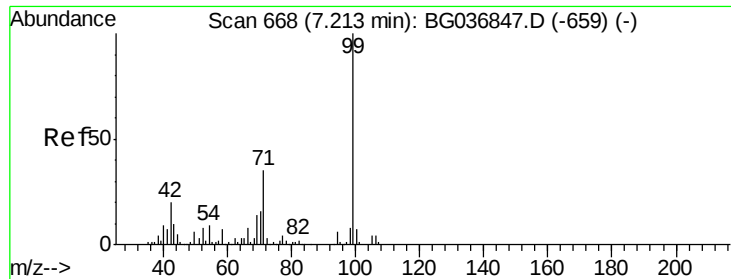


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 128.500 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037092.D

Acq: 2 Oct 2018 1:26

Instrument :

BNA_G

ClientSampled :

PB113379BL

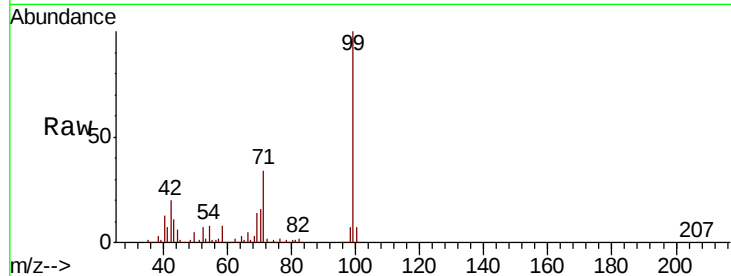
Tot Ion: 99 Resp: 436241

Ion Ratio Lower Upper

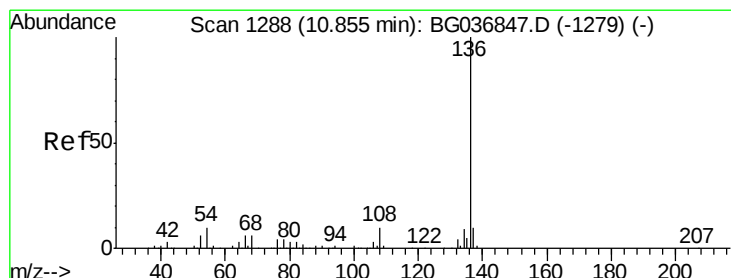
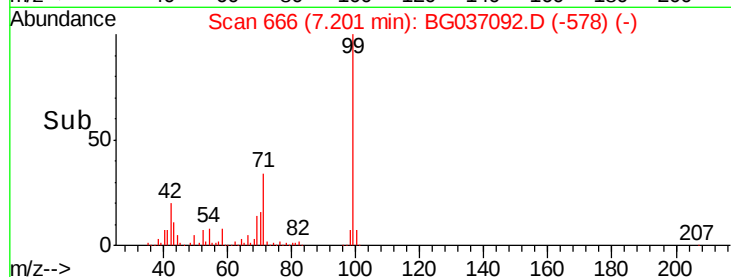
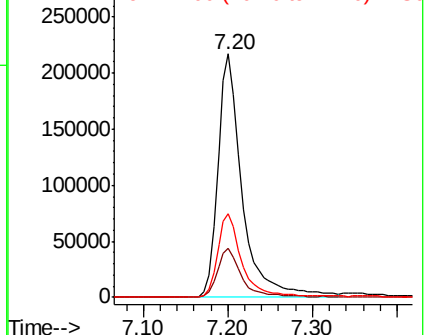
99 100

42 20.3 16.5 24.7

71 34.5 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# 1286

Delta R.T. -0.01 min

Lab File: BG037092.D

Acq: 2 Oct 2018 1:26

Tgt Ion: 136 Resp: 174269

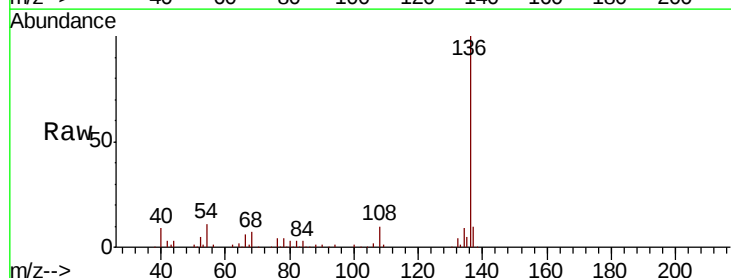
Ion Ratio Lower Upper

136 100

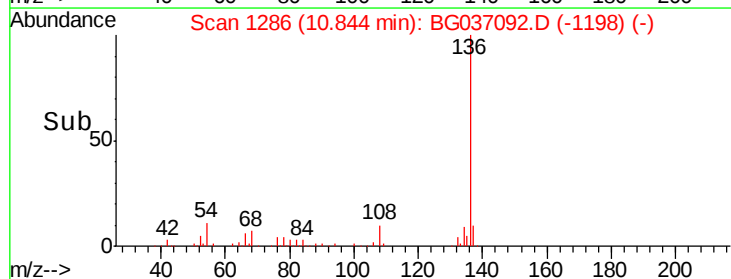
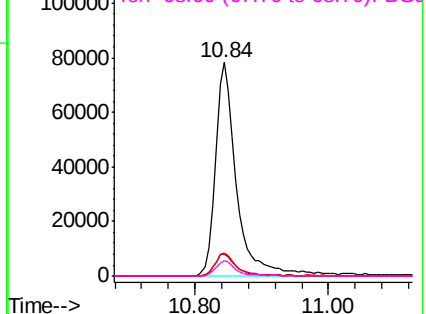
137 10.5 8.8 13.2

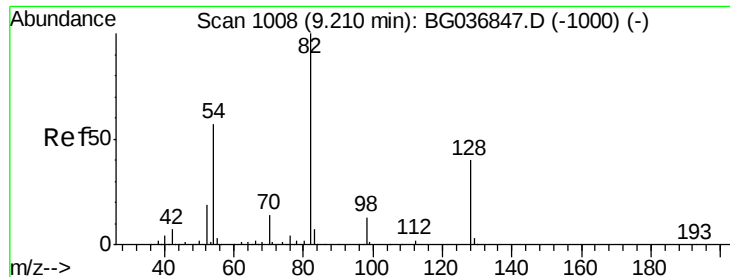
54 10.5 9.2 13.8

68 7.0 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

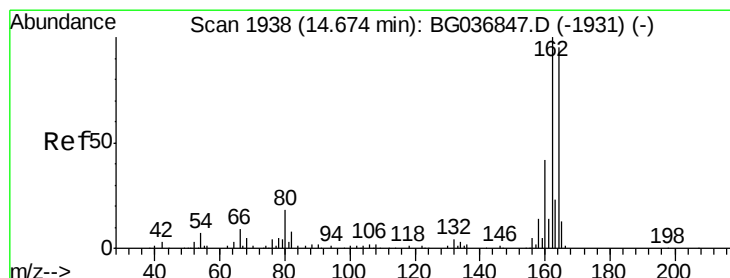
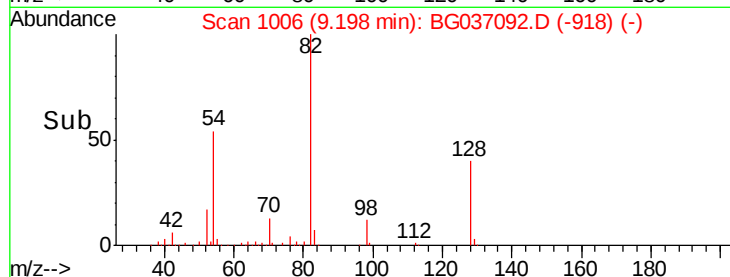
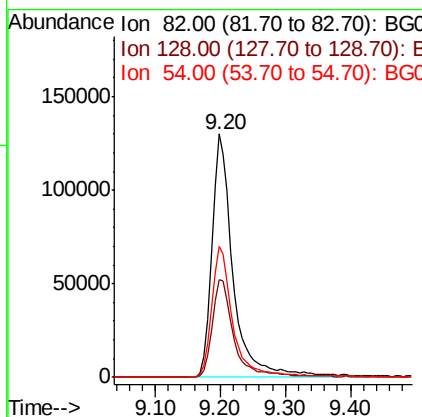
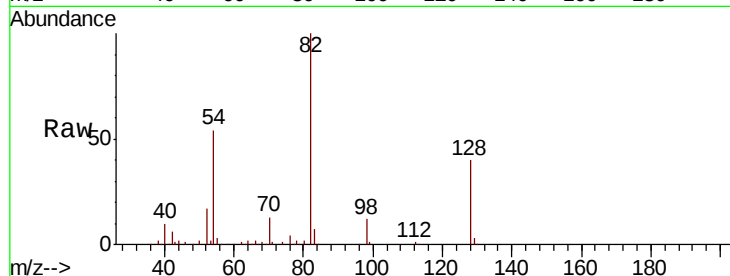




#23
 Nitrobenzene-d5
 Concen: 90.212 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037092.D
 Acq: 2 Oct 2018 1:26

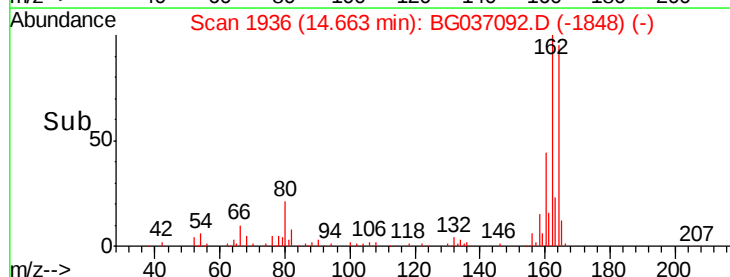
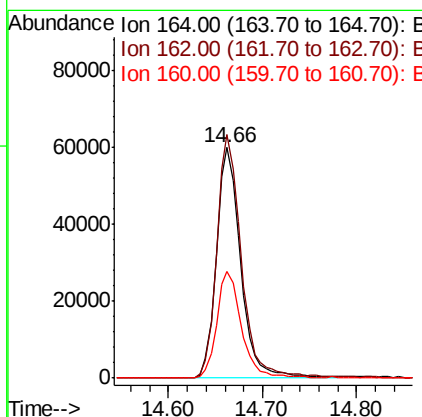
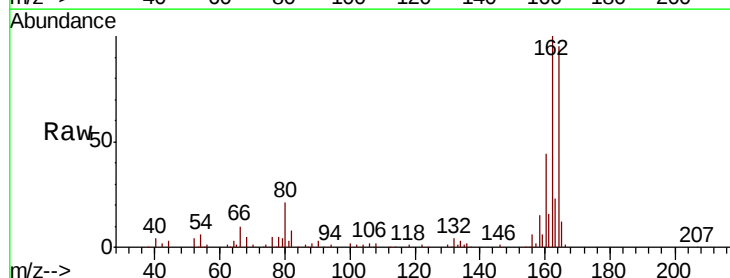
Instrument :
 BNA_G
 ClientSampleId :
 PB113379BL

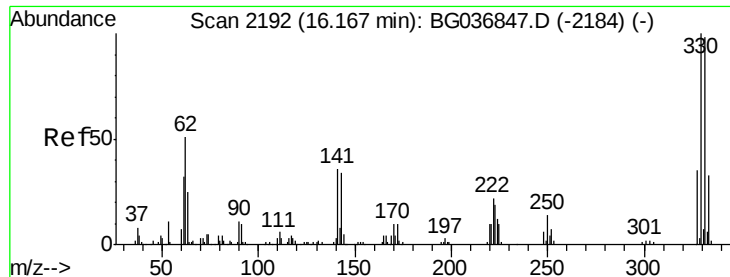
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	53.8	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037092.D
 Acq: 2 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.7	121.1
160	46.5	35.3	52.9

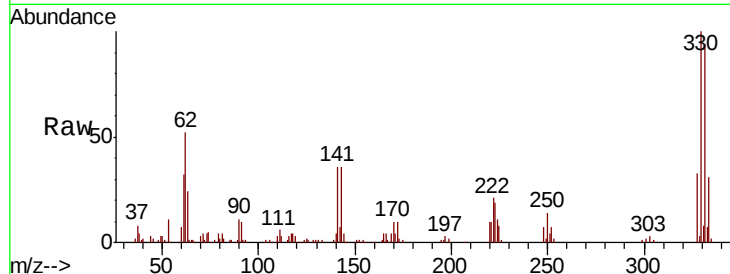




#41
 2,4,6-Tribromophenol
 Concen: 121.705 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037092.D
 Acq: 2 Oct 2018 1:26

Instrument :
 BNA_G
 ClientSampleId :
 PB113379BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	38.6	30.7	46.1

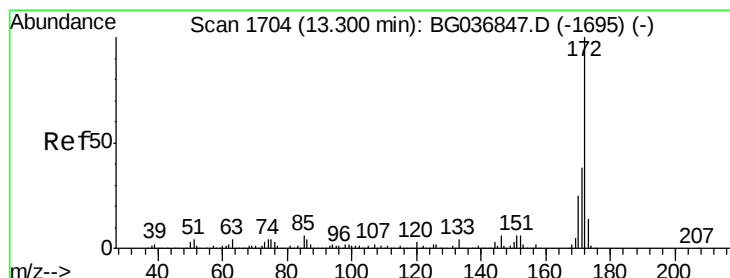
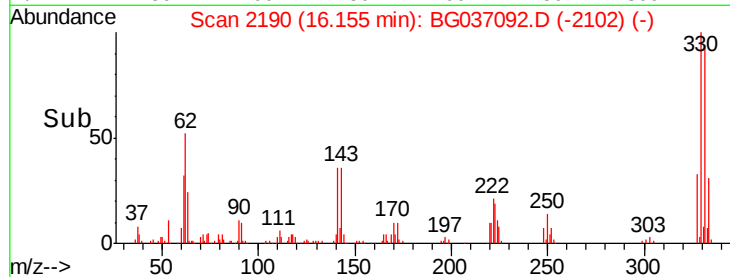
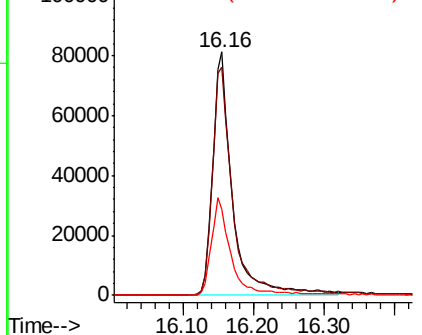


Abundance

Ion 329.80 (329.50 to 330.50): E

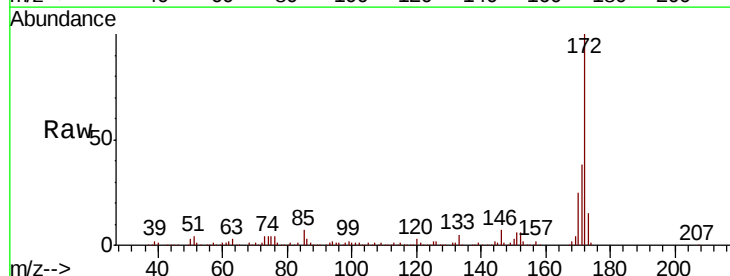
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.666 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037092.D
 Acq: 2 Oct 2018 1:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.4	21.0	31.6

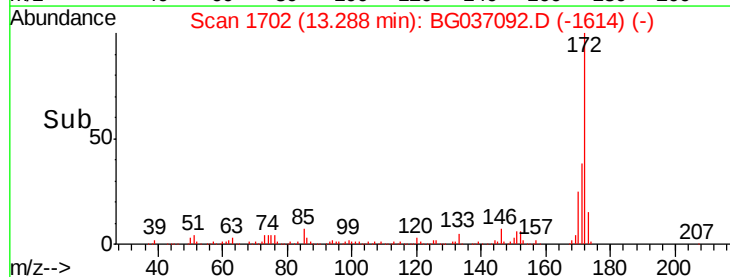
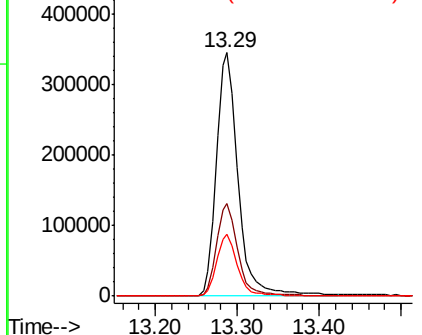


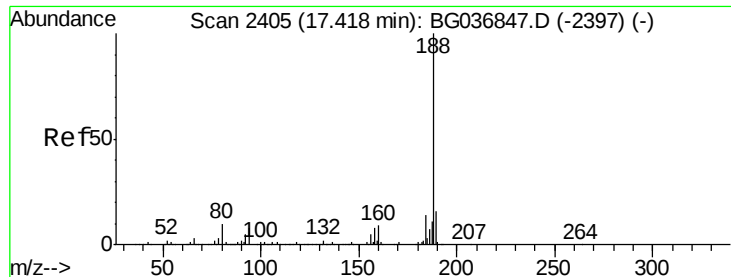
Abundance

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

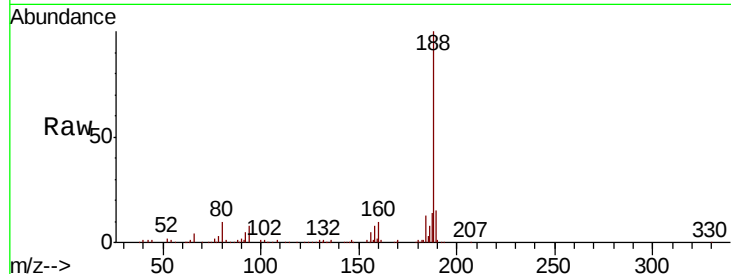




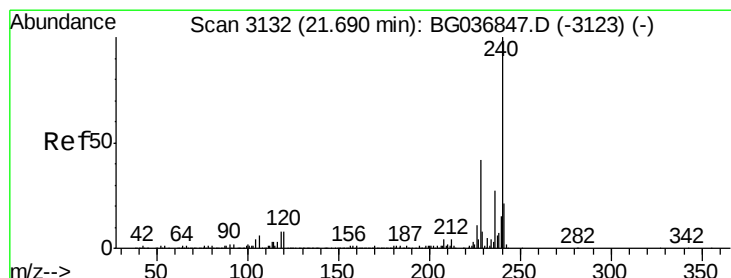
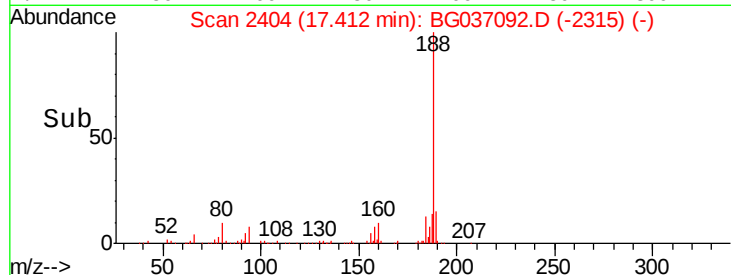
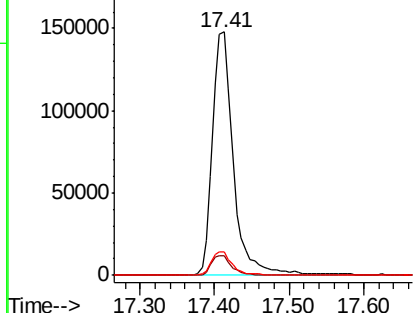
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037092.D
Acq: 2 Oct 2018 1:26

Instrument :
BNA_G
ClientSampleId :
PB113379BL

Tot Ion:188 Resp: 288064
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.6 8.1 12.1

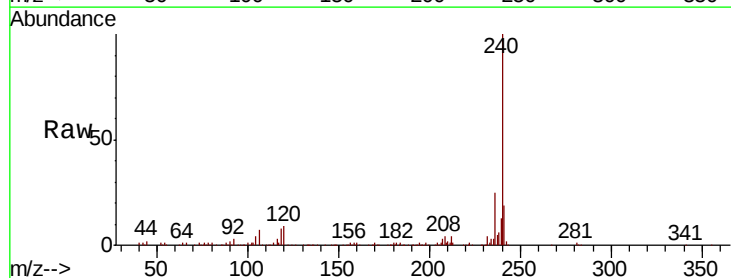


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

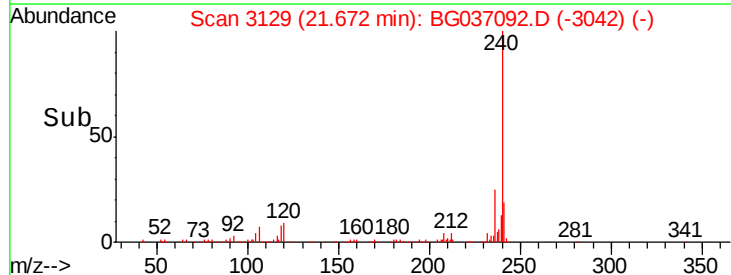
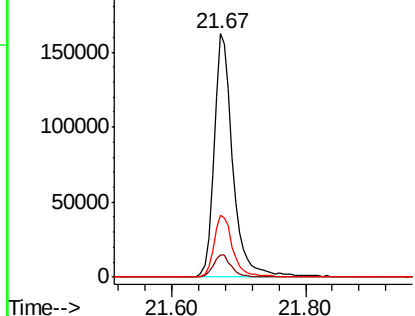


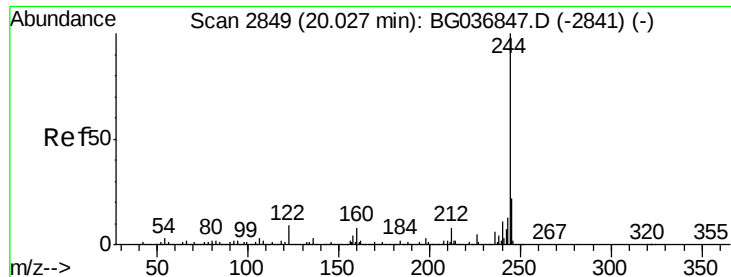
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037092.D
Acq: 2 Oct 2018 1:26

Tgt Ion:240 Resp: 320719
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 25.3 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: 97.892 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037092.D

Acq: 2 Oct 2018 1:26

Instrument :

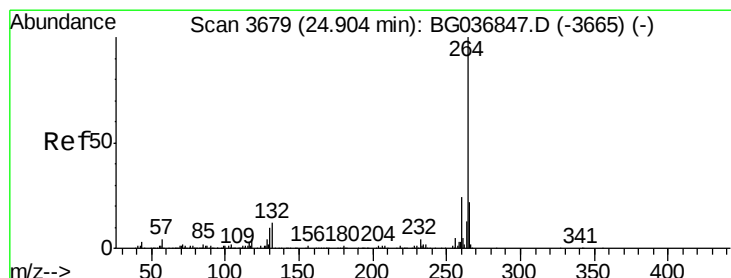
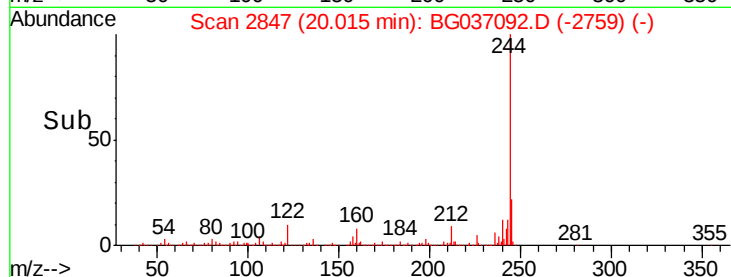
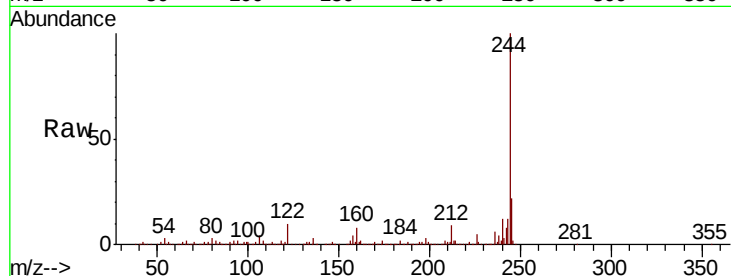
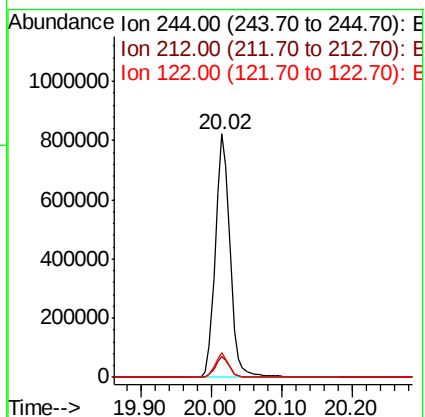
BNA_G

ClientSampleID :

PB113379BL

Tot Ion:244 Resp: 1193988

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	10.0	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037092.D

Acq: 2 Oct 2018 1:26

Tgt Ion:264 Resp: 304687

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.5	17.4	26.0

