

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037102.D
 Acq On : 2 Oct 2018 12:49
 Operator : JU/SJ
 Sample : J5191-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 155-CLAY

Quant Time: Oct 02 14:31:26 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

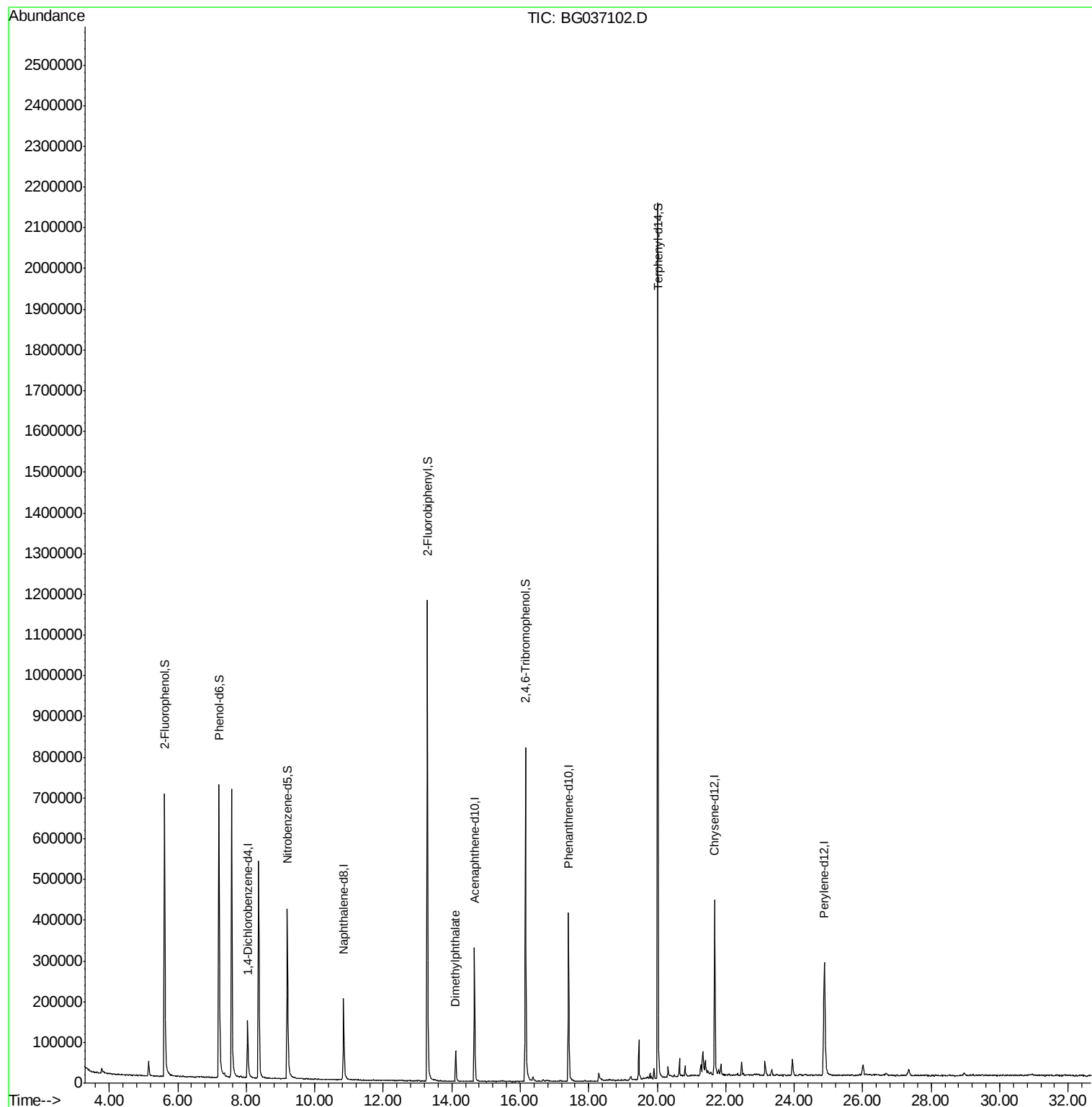
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49744	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	206358	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	126698	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	307371	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	302523	20.00	ng	-0.01
86) Perylene-d12	24.88	264	303947	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	348880	134.50	ng	0.00
7) Phenol-d6	7.20	99	477215	118.91	ng	-0.01
23) Nitrobenzene-d5	9.20	82	319943	83.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	170976	112.79	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	701868	82.51	ng	-0.01
78) Terphenyl-d14	20.01	244	1070729	93.07	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.12	163	64097	6.285	ng	Qvalue 99

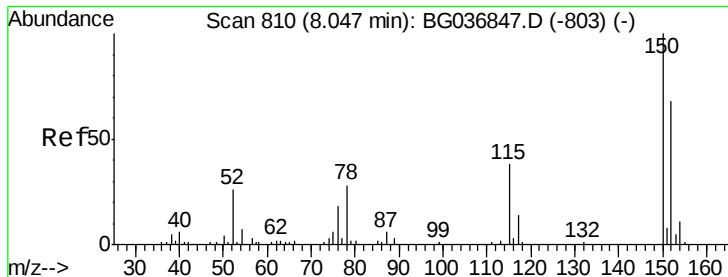
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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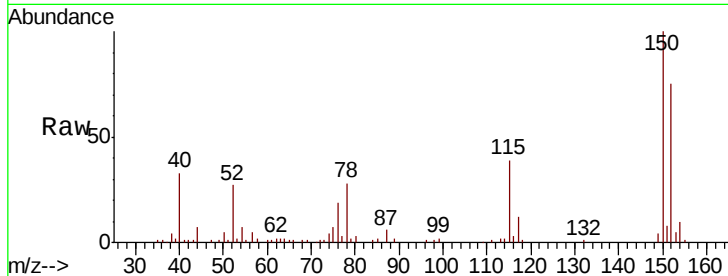


#1

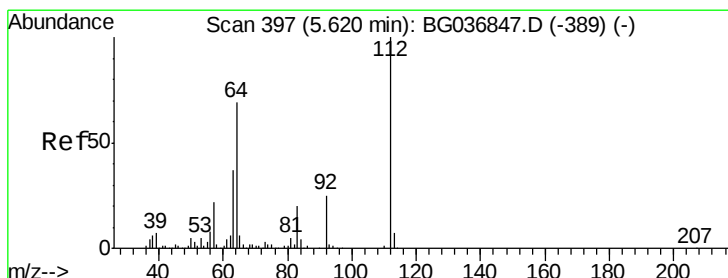
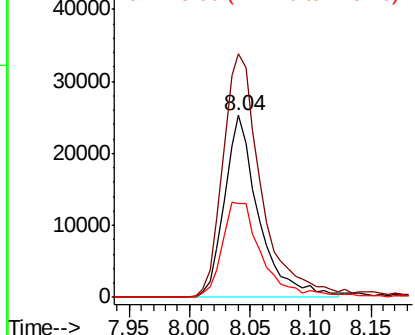
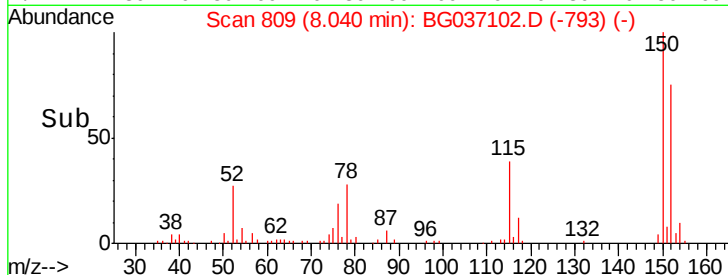
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Instrument :
BNA_G
ClientSampleId :
155-CLAY

Tot Ion:152 Resp: 49744
Ion Ratio Lower Upper
152 100
150 133.8 119.5 179.3
115 51.8 44.5 66.7



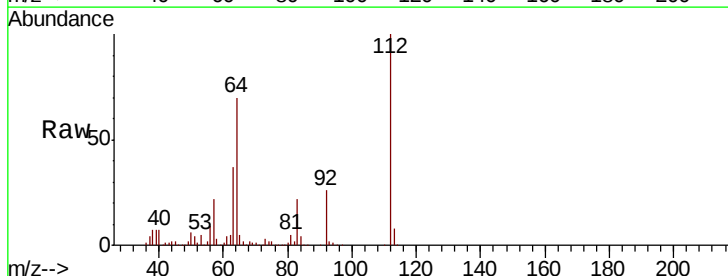
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



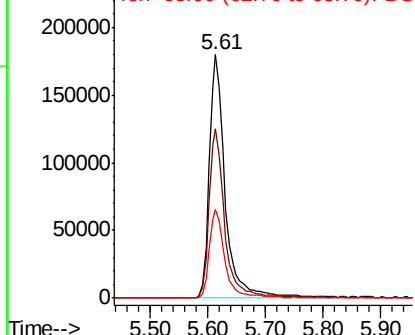
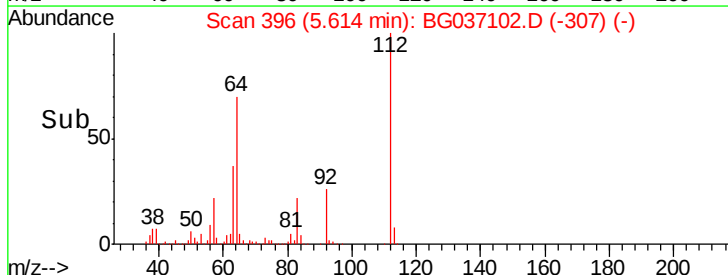
#5

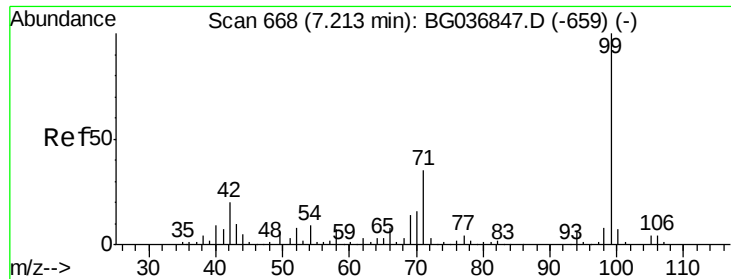
2-Fluorophenol
Concen: 134.504 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Tgt Ion:112 Resp: 348880
Ion Ratio Lower Upper
112 100
64 69.6 57.2 85.8
63 36.7 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: 118.914 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

Instrument :

BNA_G

ClientSampleId :

155-CLAY

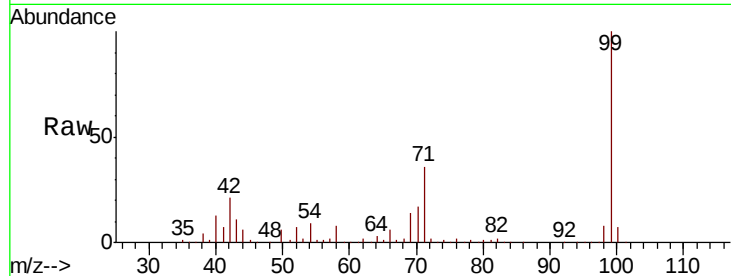
Tot Ion: 99 Resp: 477215

Ion Ratio Lower Upper

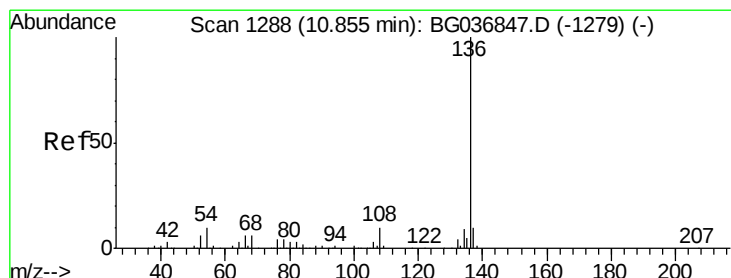
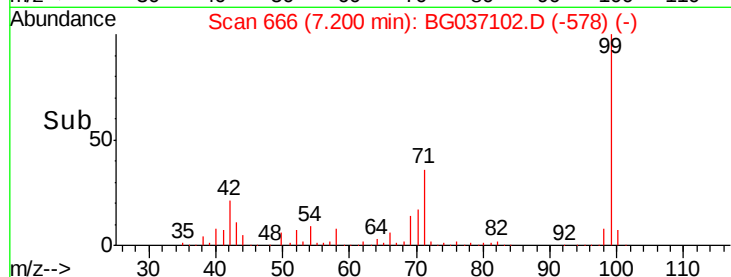
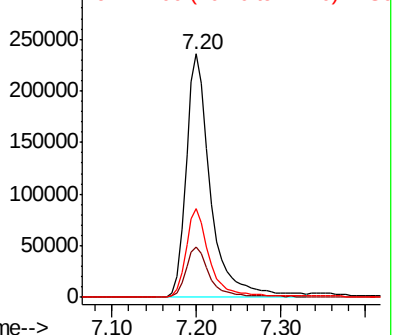
99 100

42 20.6 16.5 24.7

71 36.4 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

Tgt Ion: 136 Resp: 206358

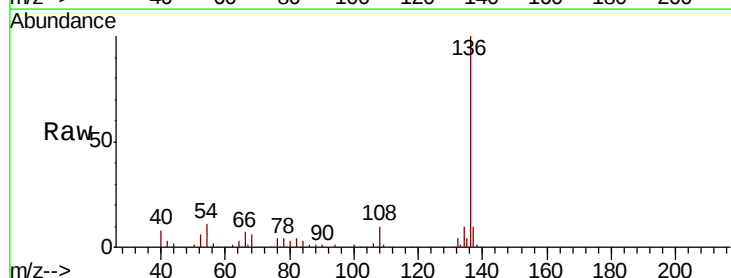
Ion Ratio Lower Upper

136 100

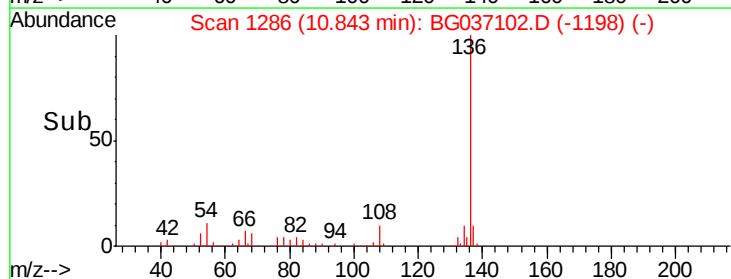
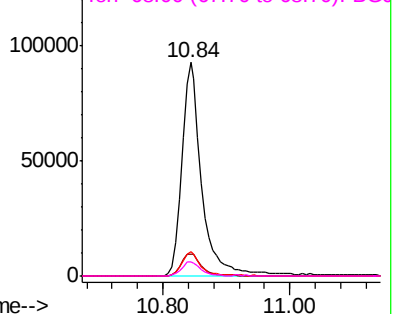
137 10.4 8.8 13.2

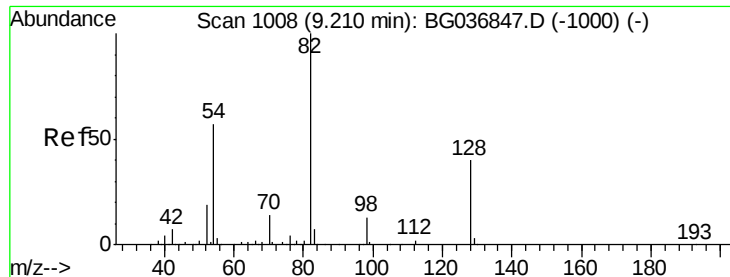
54 11.2 9.2 13.8

68 6.4 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

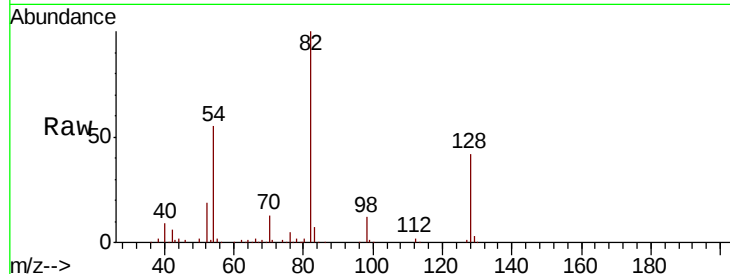




#23
Nitrobenzene-d5
Concen: 83.027 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Instrument :
BNA_G
ClientSampleId :
155-CLAY

Tot Ion	82	Resp	319943
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	54.8	45.1	67.7

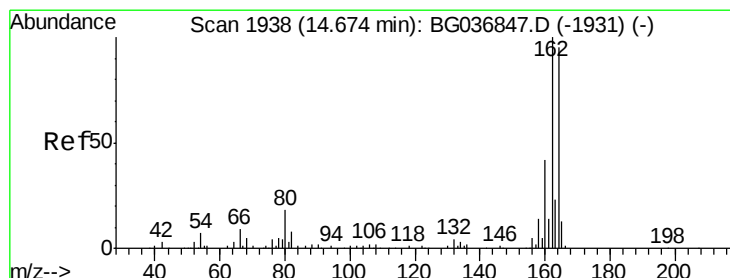
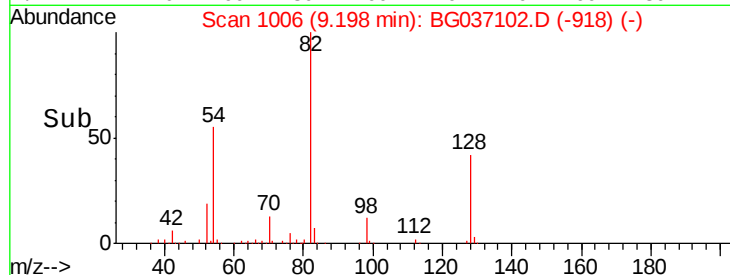
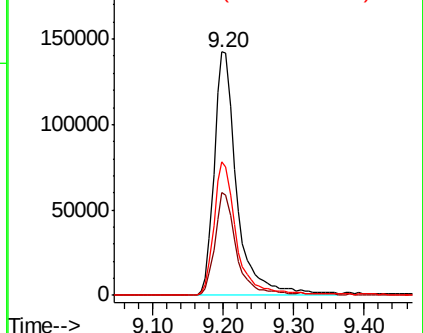


Abundance

Ion 82.00 (81.70 to 82.70): BG037102.D (-918) (-)

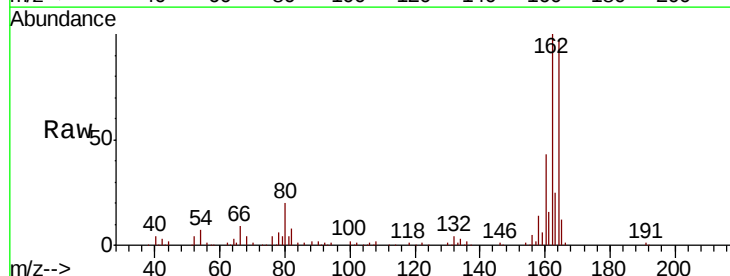
Ion 128.00 (127.70 to 128.70): BG037102.D (-918) (-)

Ion 54.00 (53.70 to 54.70): BG037102.D (-918) (-)



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037102.D
Acq: 2 Oct 2018 12:49

Tgt Ion	164	Resp	126698
Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.7	121.1
160	44.6	35.3	52.9

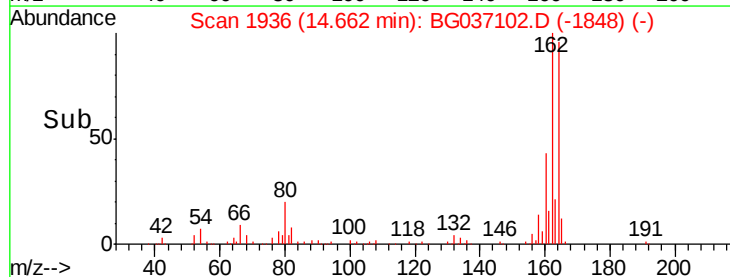
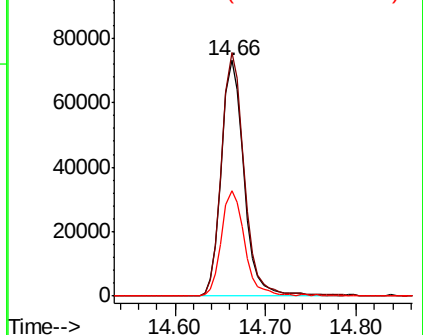


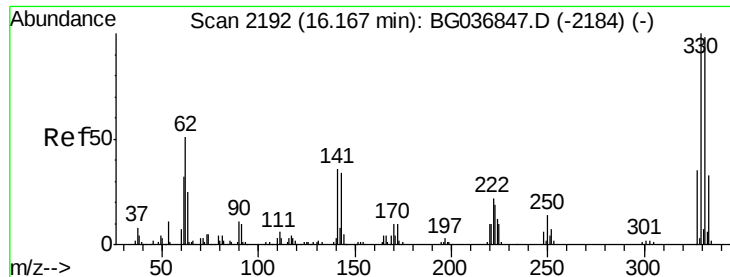
Abundance

Ion 164.00 (163.70 to 164.70): BG037102.D (-1848) (-)

Ion 162.00 (161.70 to 162.70): BG037102.D (-1848) (-)

Ion 160.00 (159.70 to 160.70): BG037102.D (-1848) (-)

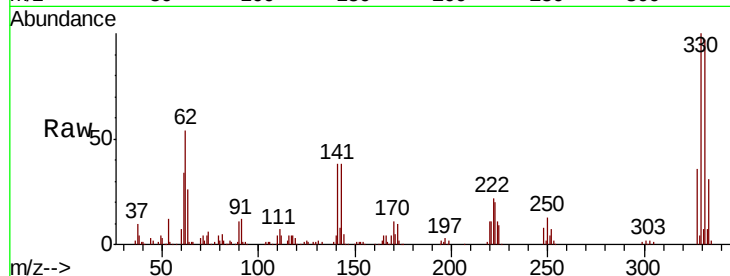




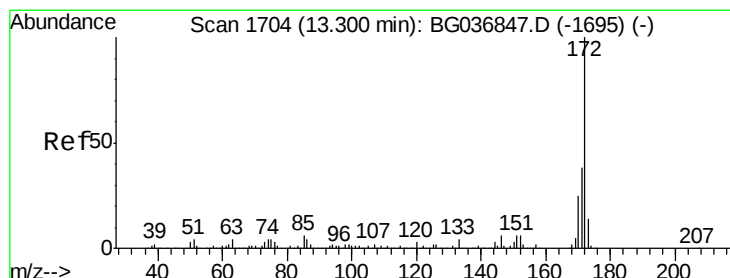
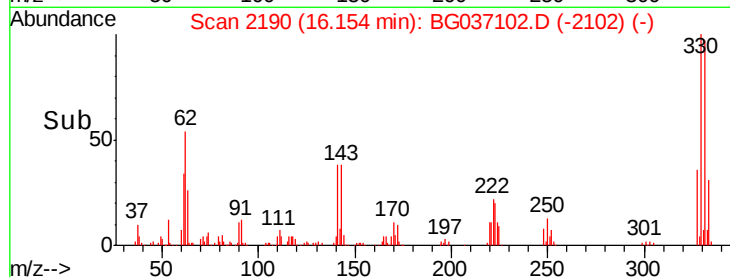
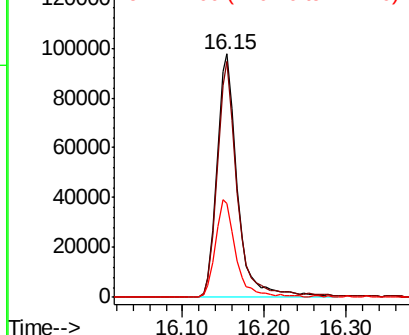
#41
 2,4,6-Tribromophenol
 Concen: 112.791 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037102.D
 Acq: 2 Oct 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :
 155-CLAY

Tot Ion:330 Resp: 170976
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 40.0 30.7 46.1

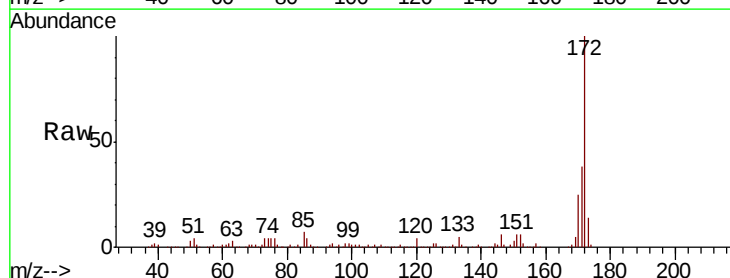


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

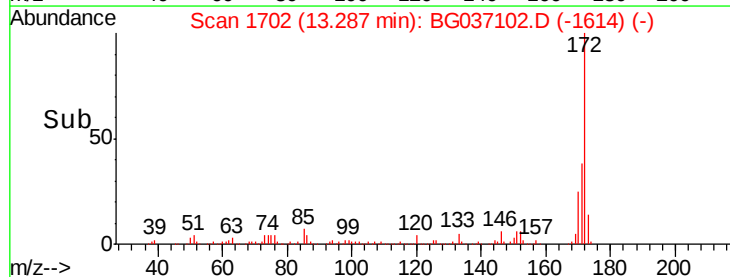
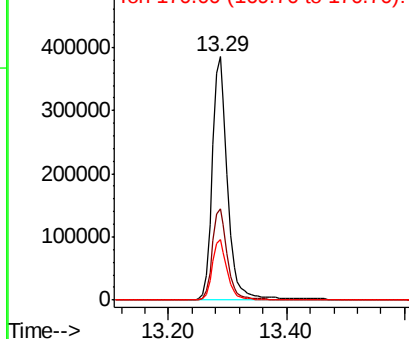


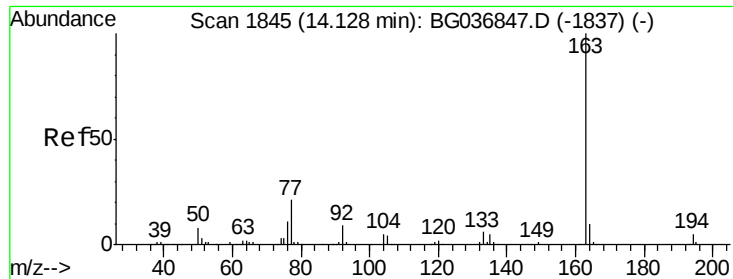
#44
 2-Fluorobiphenyl
 Concen: 82.508 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037102.D
 Acq: 2 Oct 2018 12:49

Tgt Ion:172 Resp: 701868
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 25.0 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





#49

Dimethylphthalate

Concen: 6.285 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

Instrument :

BNA_G

ClientSampleId :

155-CLAY

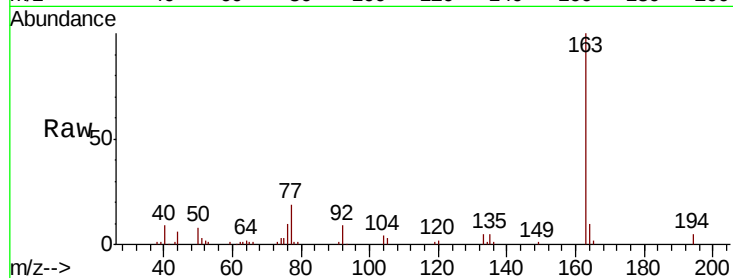
Tot Ion:163 Resp: 64097

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

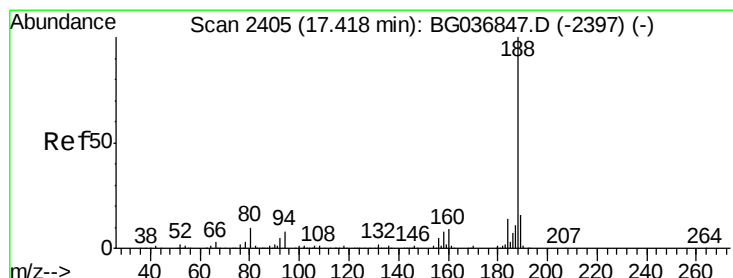
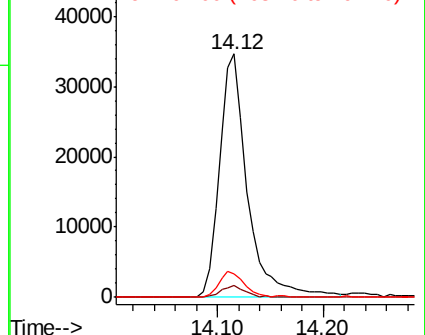
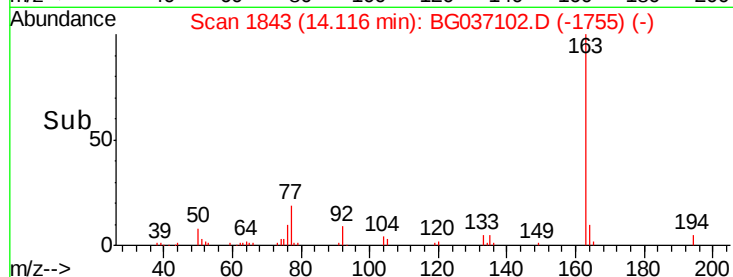
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

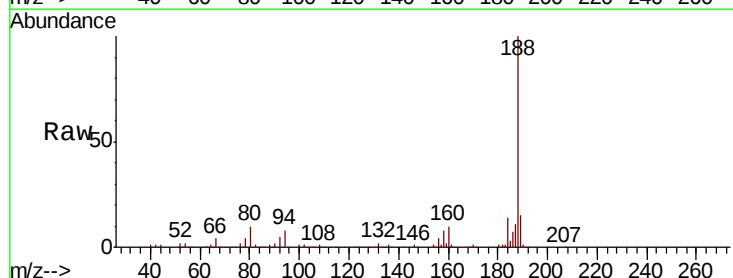
Tgt Ion:188 Resp: 307371

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

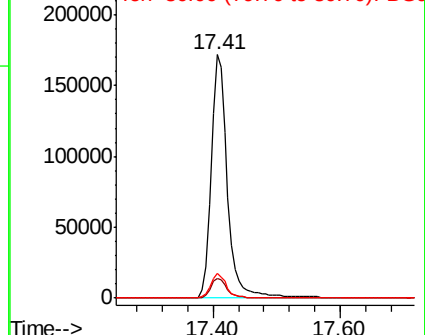
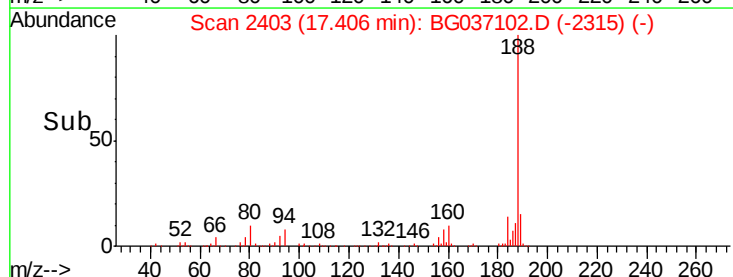
80 9.9 8.1 12.1

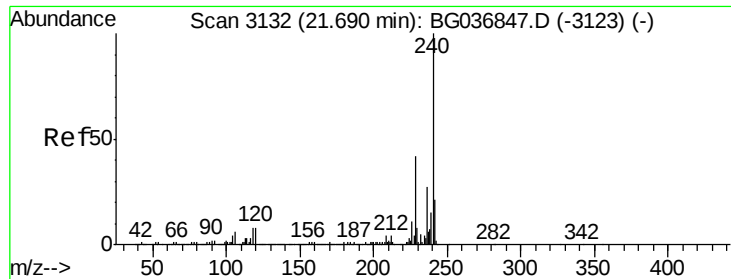


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

Instrument :

BNA_G

ClientSampleId :

155-CLAY

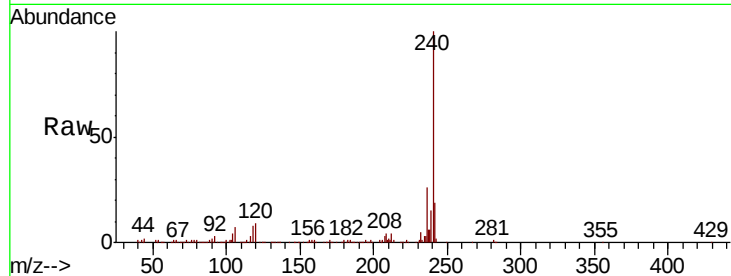
Tot Ion:240 Resp: 302523

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

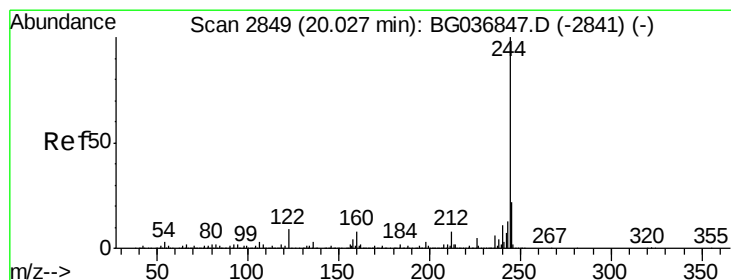
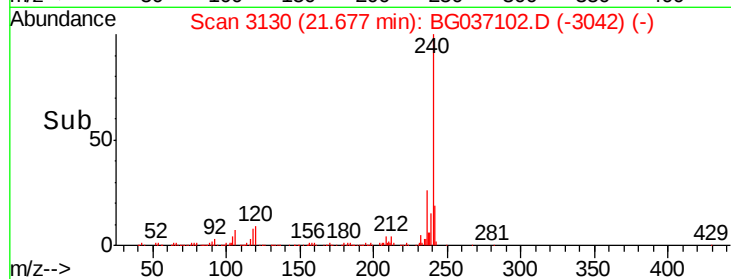
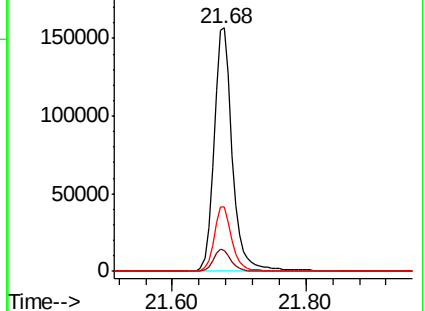
236 26.2 21.2 31.8



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: 93.066 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037102.D

Acq: 2 Oct 2018 12:49

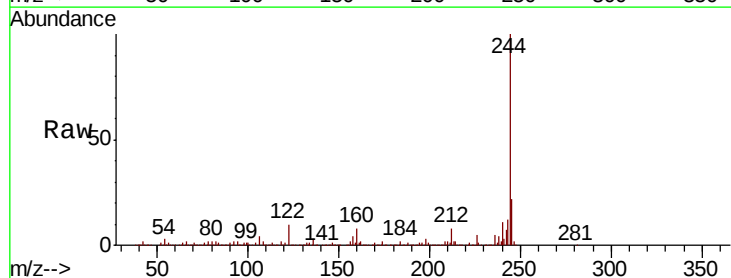
Tgt Ion:244 Resp: 1070729

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

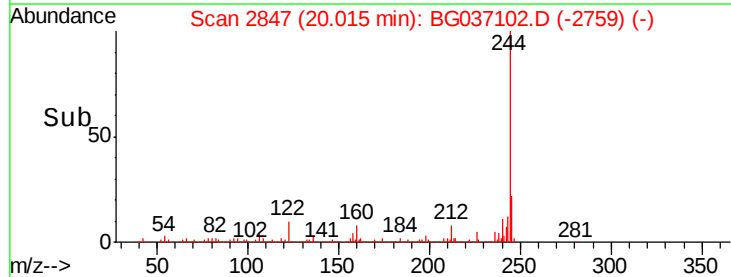
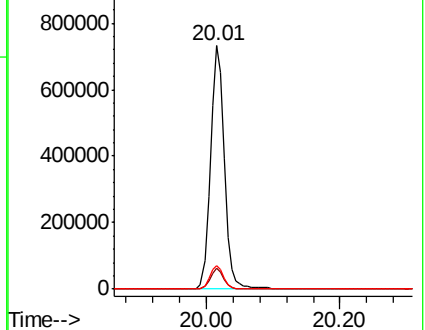
122 9.7 7.1 10.7

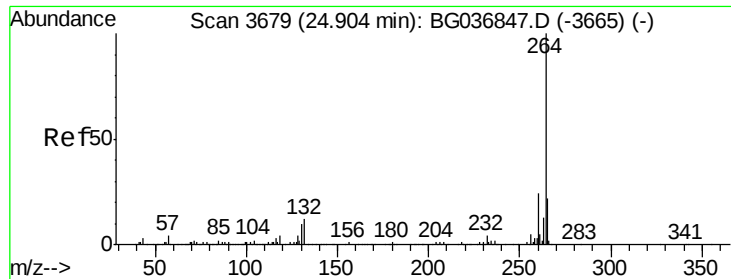


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037102.D
 Acq: 2 Oct 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :
 155-CLAY

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.6	17.4	26.0

