

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG037006.D
 Acq On : 27 Sep 2018 7:30
 Operator : JU/SJ
 Sample : J5081-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Quant Time: Sep 27 08:55:08 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

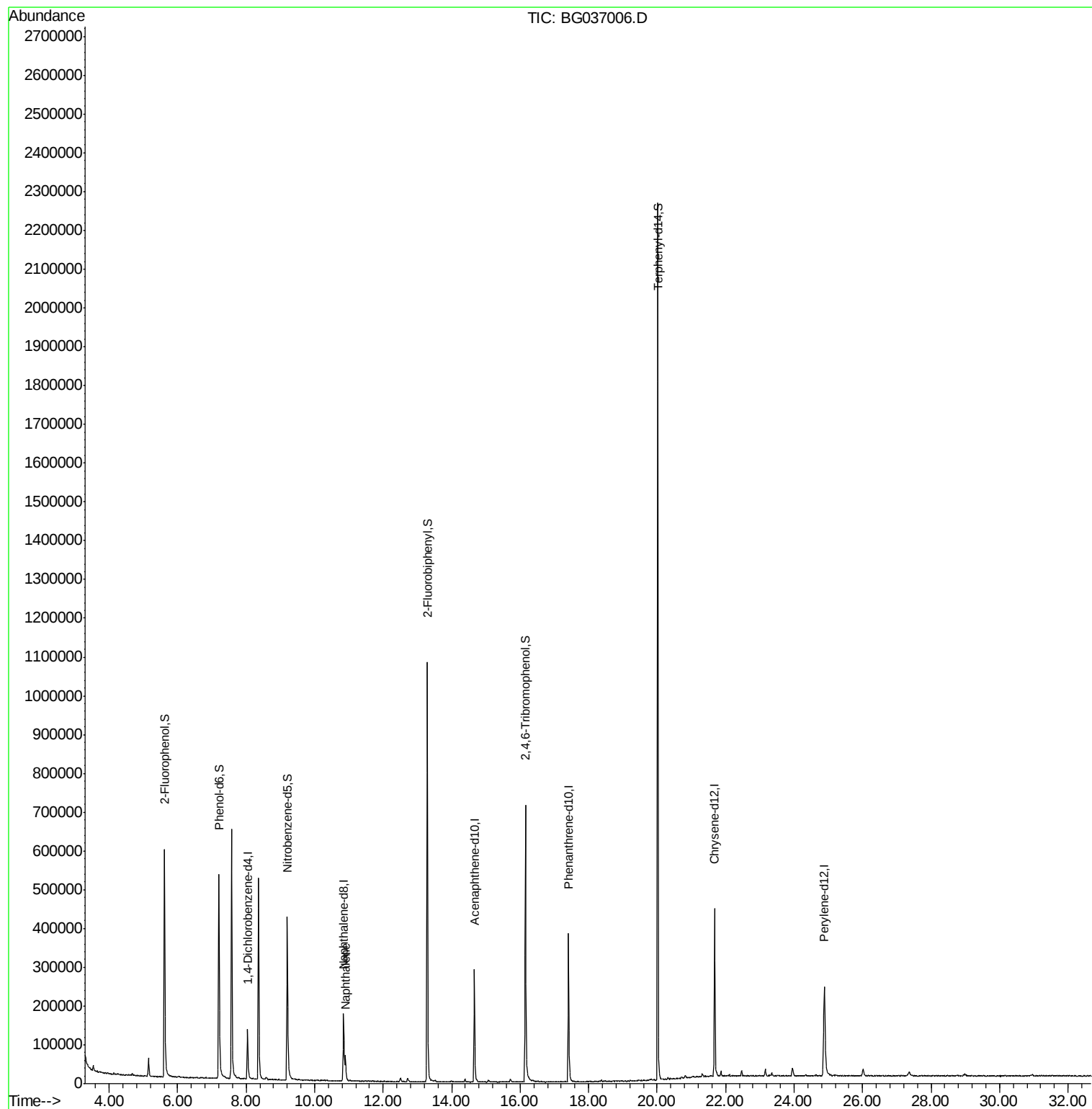
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41508	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	174571	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	105428	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	261756	20.00	ng	0.00
75) Chrysene-d12	21.68	240	288429	20.00	ng	-0.01
86) Perylene-d12	24.88	264	280383	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	273245	126.25	ng	0.00
7) Phenol-d6	7.20	99	345142	103.07	ng	0.00
23) Nitrobenzene-d5	9.20	82	300320	92.13	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	143859	114.05	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	615726	86.98	ng	0.00
78) Terphenyl-d14	20.02	244	1064397	97.04	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	60691	7.307	ng	Qvalue 96

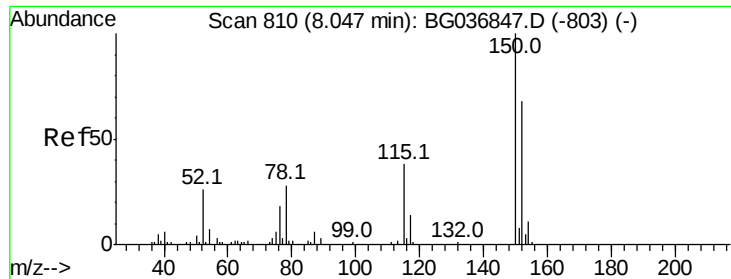
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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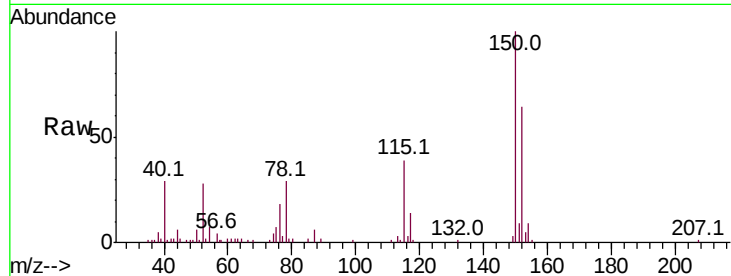


#1

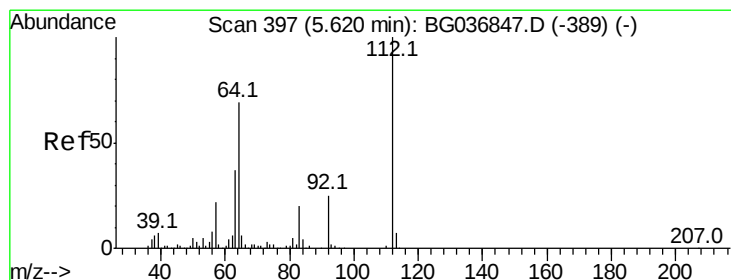
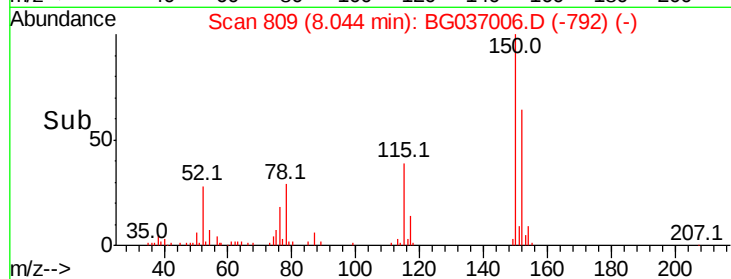
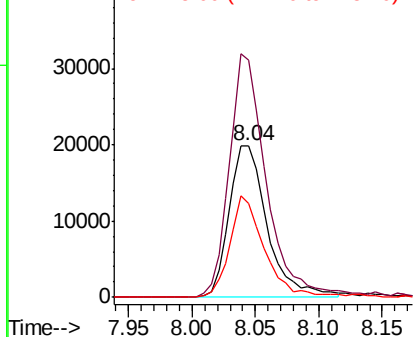
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037006.D
Acq: 27 Sep 2018 7:30

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Tot Ion:152 Resp: 41508
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 61.4 44.5 66.7



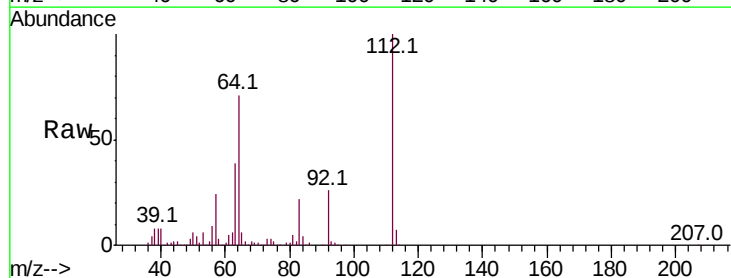
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



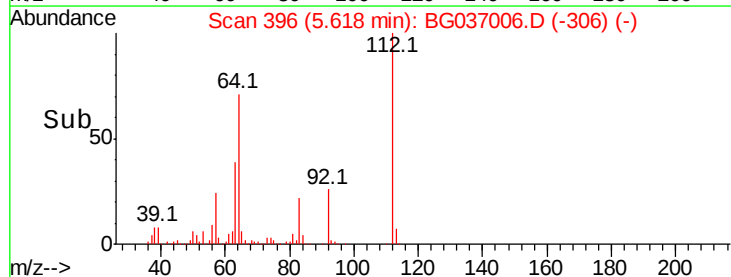
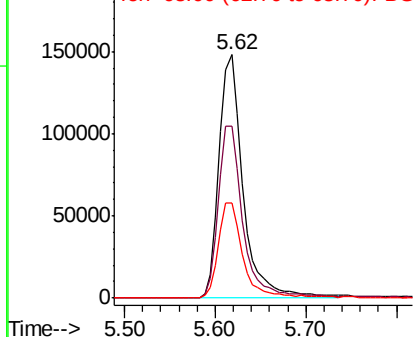
#5

2-Fluorophenol
Concen: 126.247 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037006.D
Acq: 27 Sep 2018 7:30

Tgt Ion:112 Resp: 273245
Ion Ratio Lower Upper
112 100
64 70.8 57.2 85.8
63 38.9 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: 103.069 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037006.D

Acq: 27 Sep 2018 7:30

Instrument :

BNA_G

ClientSampled :

TP-2-S

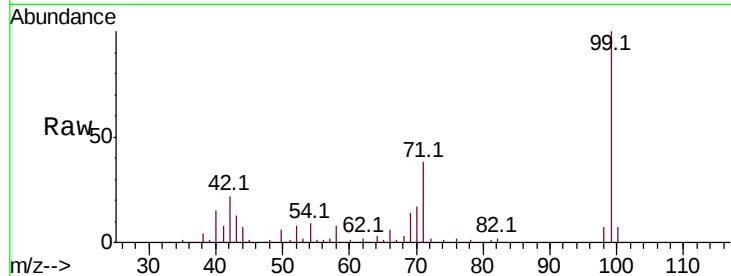
Tot Ion: 99 Resp: 345142

Ion Ratio Lower Upper

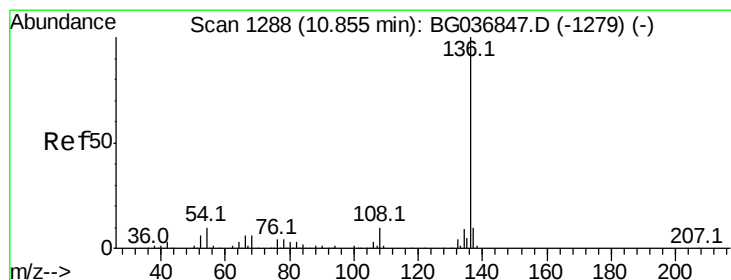
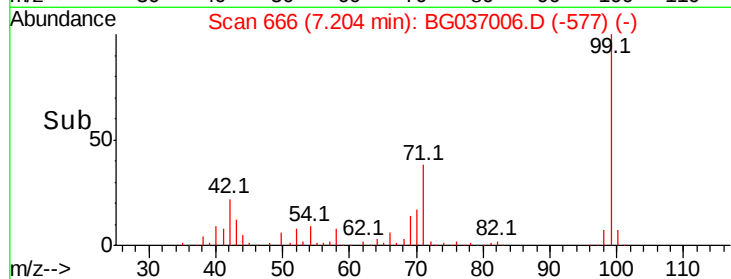
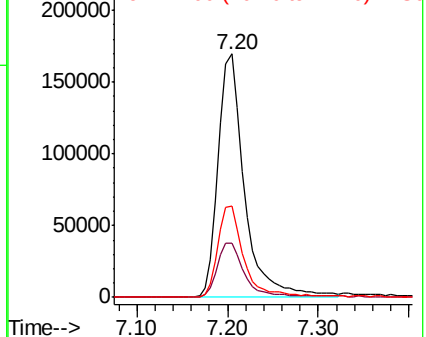
99 100

42 22.2 16.5 24.7

71 37.7 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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037006.D

Acq: 27 Sep 2018 7:30

Tgt Ion: 136 Resp: 174571

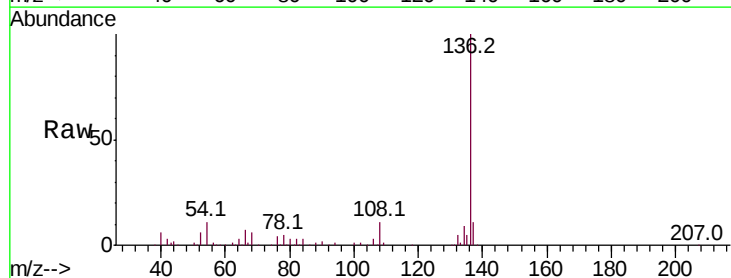
Ion Ratio Lower Upper

136 100

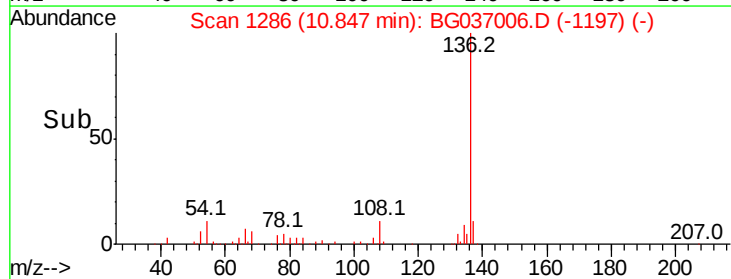
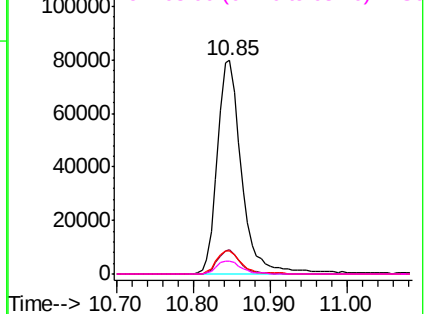
137 11.3 8.8 13.2

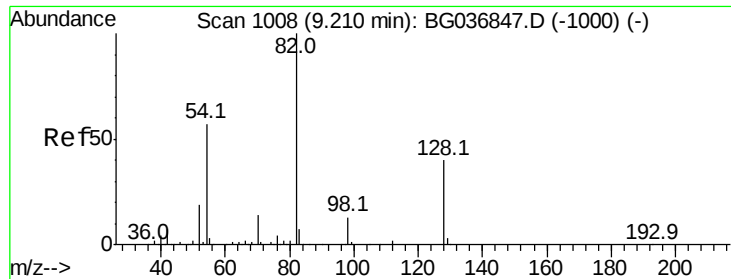
54 11.1 9.2 13.8

68 6.3 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

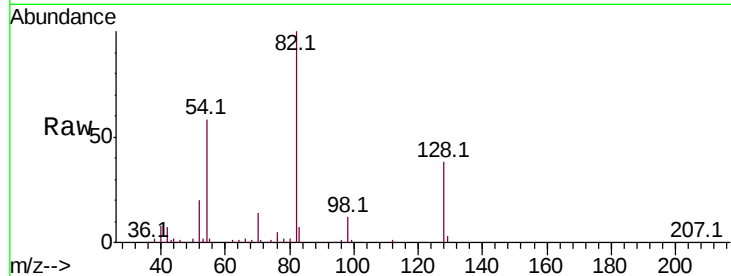




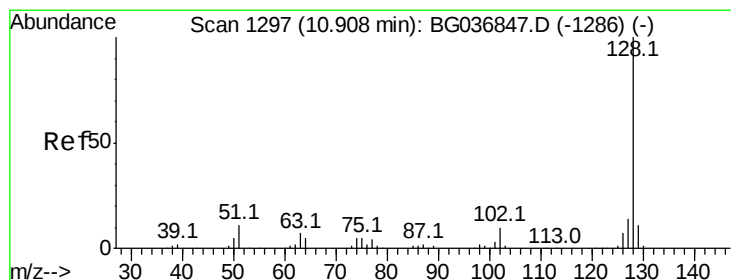
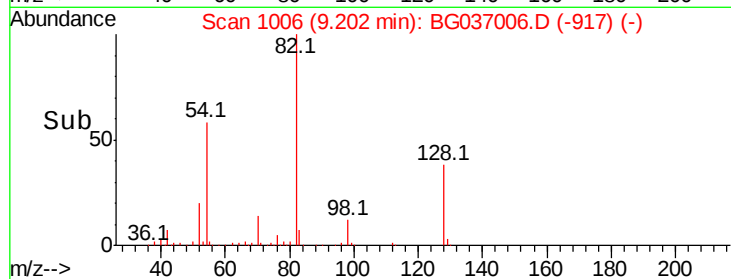
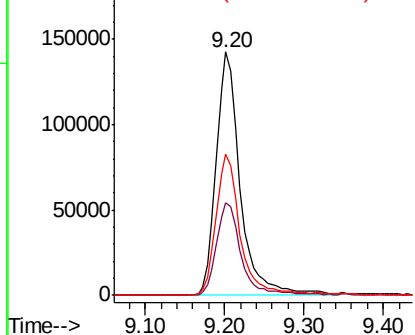
#23
Nitrobenzene-d5
Concen: 92.126 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037006.D
Acq: 27 Sep 2018 7:30

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Tot Ion	82	Resp	300320
Ion Ratio	Lower	Upper	
82	100		
128	38.2	33.3	49.9
54	58.1	45.1	67.7

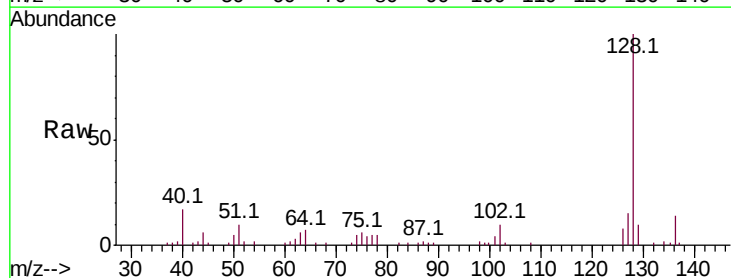


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

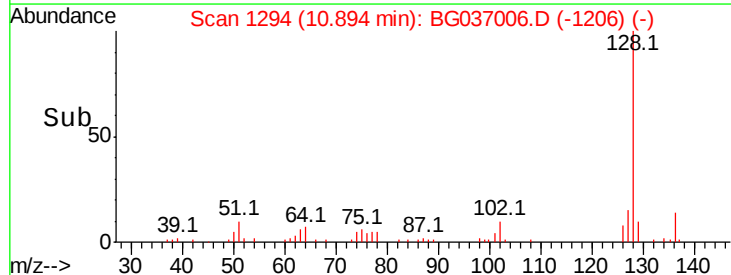
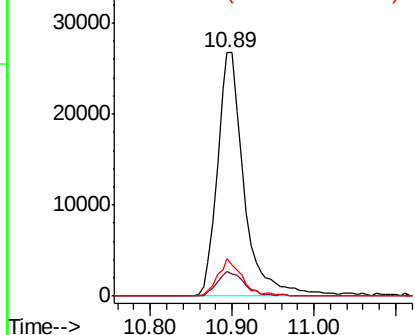


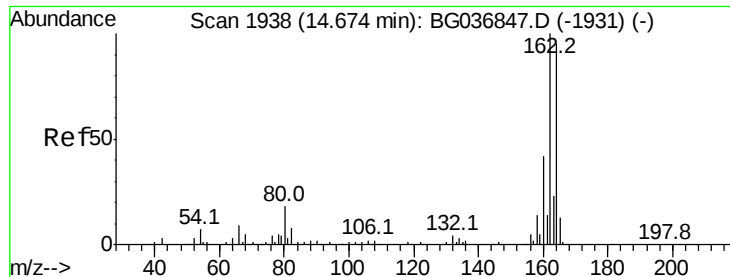
#31
Naphthalene
Concen: 7.307 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG037006.D
Acq: 27 Sep 2018 7:30

Tgt Ion	128	Resp	60691
Ion Ratio	Lower	Upper	
128	100		
129	10.3	9.4	14.2
127	15.3	11.0	16.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037006.D

Acq: 27 Sep 2018 7:30

Instrument :

BNA_G

ClientSampleId :

TP-2-S

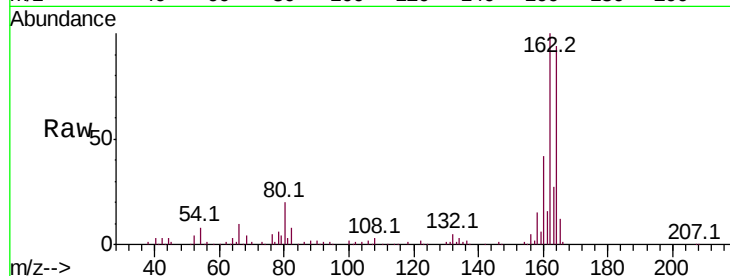
Tot Ion:164 Resp: 105428

Ion Ratio Lower Upper

164 100

162 106.4 80.7 121.1

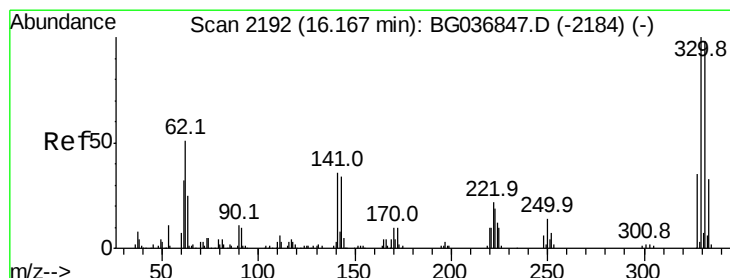
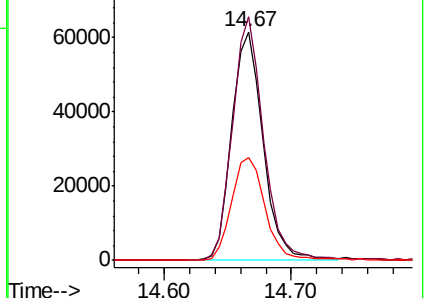
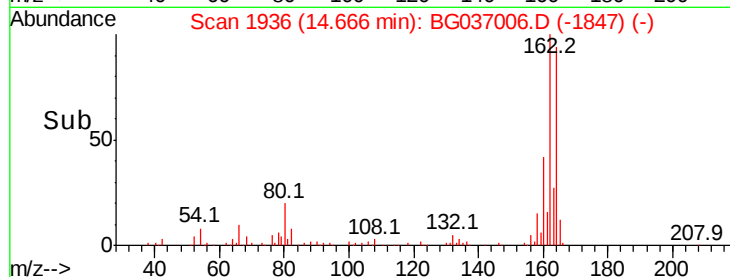
160 45.2 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 114.049 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG037006.D

Acq: 27 Sep 2018 7:30

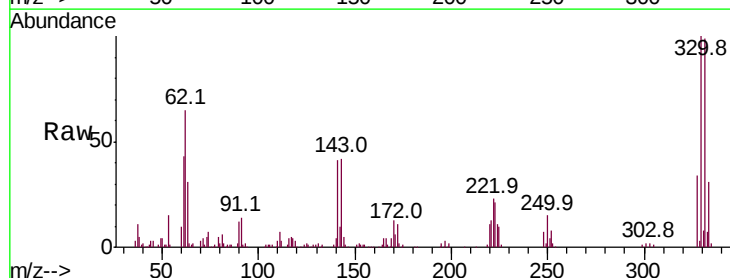
Tgt Ion:330 Resp: 143859

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.2

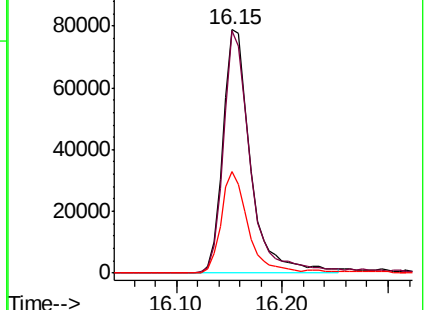
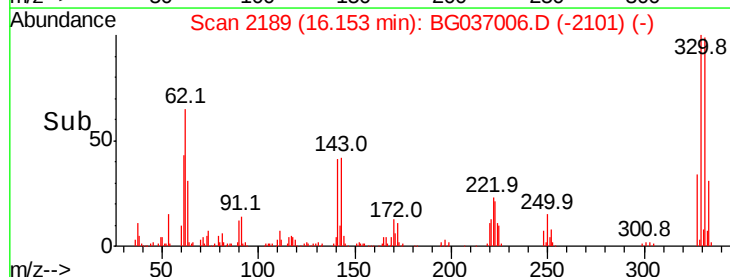
141 39.9 30.7 46.1



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

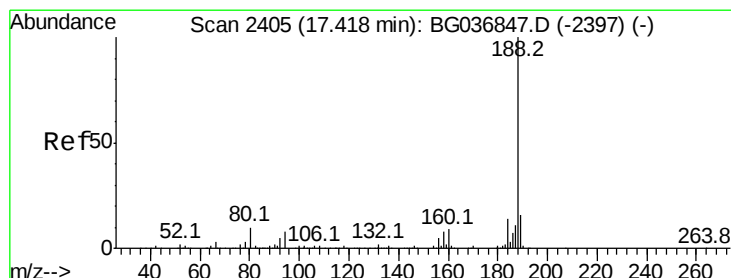
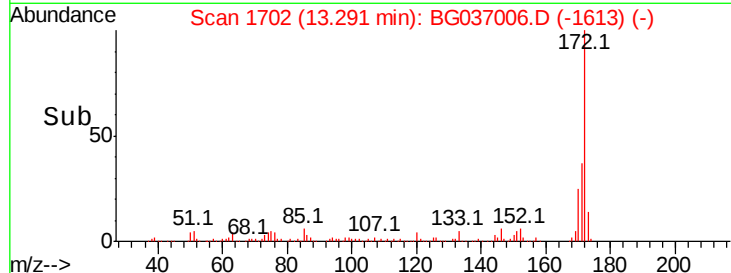
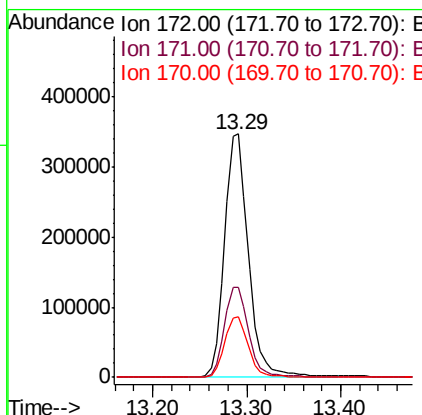
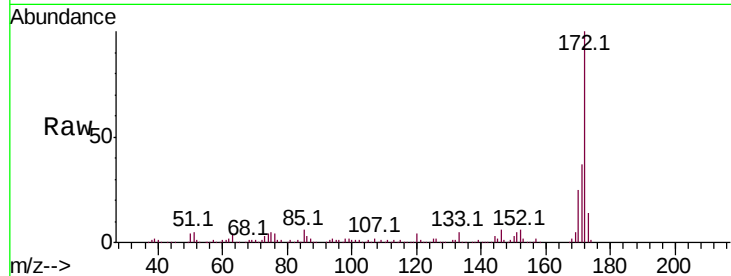




#44
 2-Fluorobiphenyl
 Concen: 86.984 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037006.D
 Acq: 27 Sep 2018 7:30

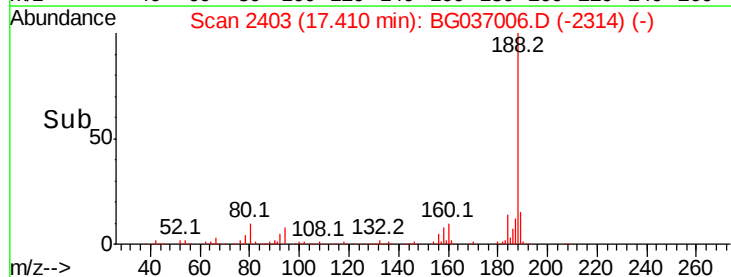
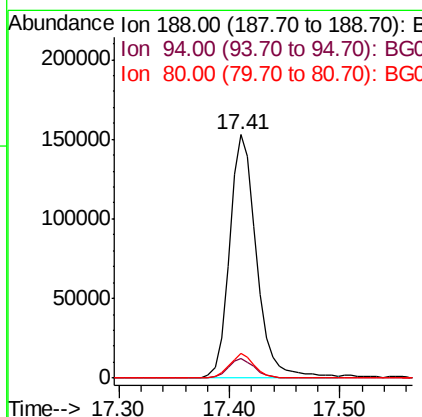
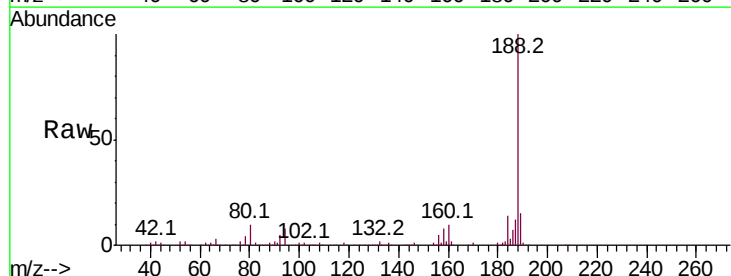
Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

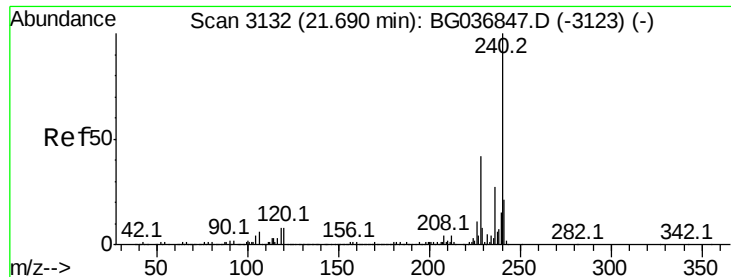
Tot Ion:172 Resp: 615726
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.3 46.9
 170 24.8 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037006.D
 Acq: 27 Sep 2018 7:30

Tgt Ion:188 Resp: 261756
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.7 10.1
 80 10.4 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG037006.D

Acq: 27 Sep 2018 7:30

Instrument :

BNA_G

ClientSampleId :

TP-2-S

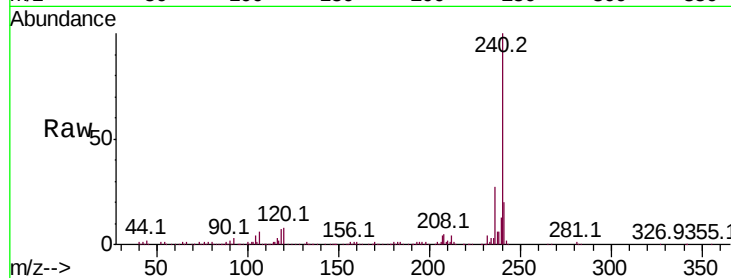
Tot Ion:240 Resp: 288429

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

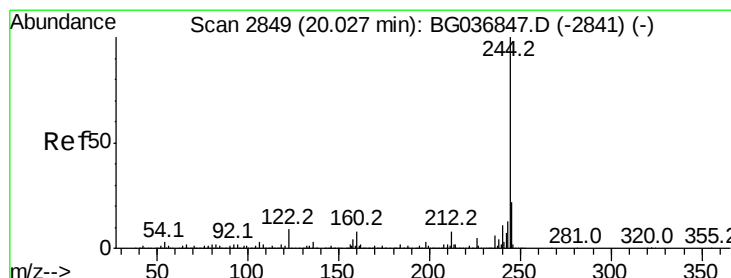
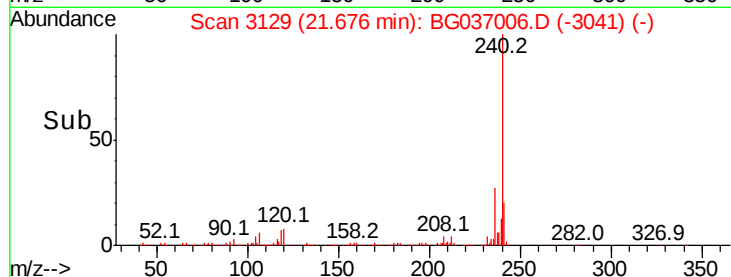
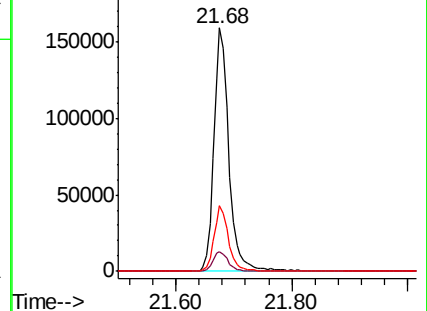
236 27.0 21.2 31.8



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: 97.037 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037006.D

Acq: 27 Sep 2018 7:30

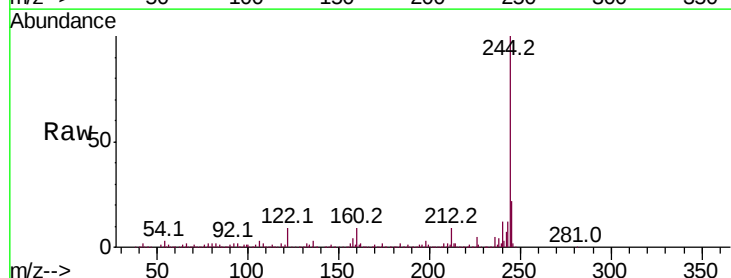
Tgt Ion:244 Resp: 1064397

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

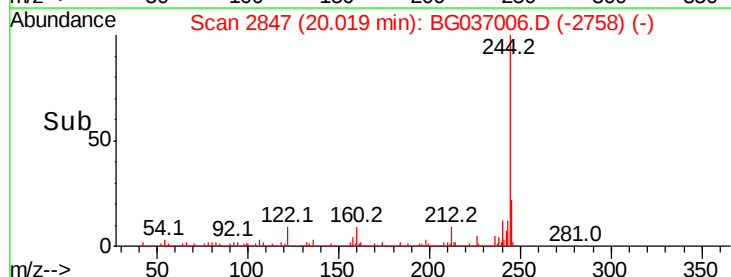
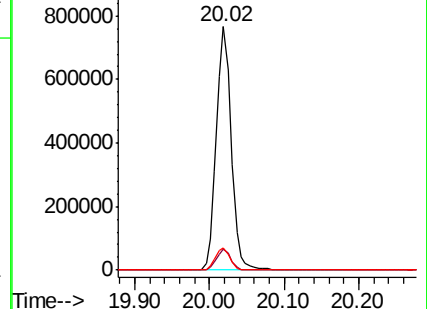
122 9.1 7.1 10.7

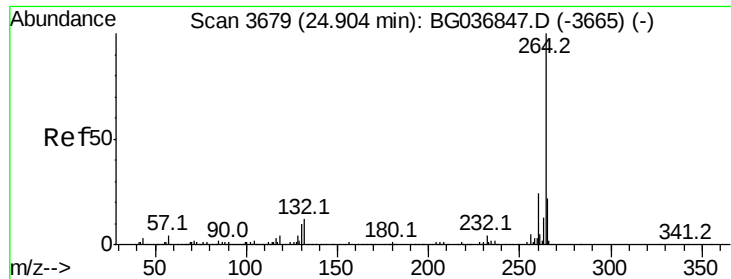


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG037006.D
 Acq: 27 Sep 2018 7:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.2	17.4	26.0

