

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037027.D
 Acq On : 27 Sep 2018 23:08
 Operator : JU/SJ
 Sample : J5097-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Sep 28 04:43:30 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	8.04	152	42105	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	162532	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	101498	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	267256	20.00	ng	0.00
75) Chrysene-d12	21.68	240	290354	20.00	ng	0.00
86) Perylene-d12	24.88	264	285984	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	288249	131.29	ng	0.00
7) Phenol-d6	7.20	99	352516	103.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	285941	94.21	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	167406	137.86	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	592071	86.88	ng	0.00
78) Terphenyl-d14	20.02	244	1103746	99.96	ng	0.00

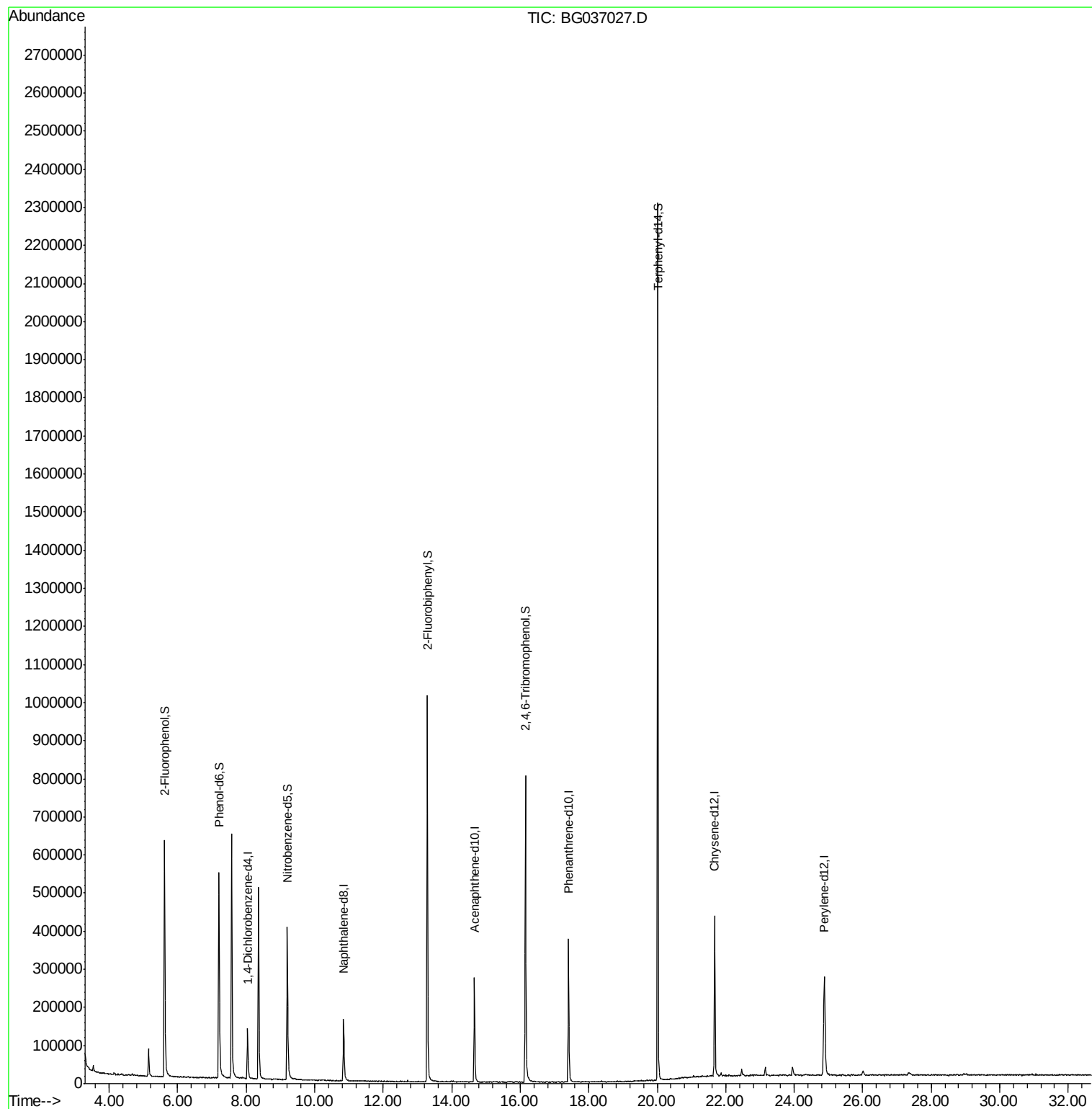
Target Compounds Qvalue

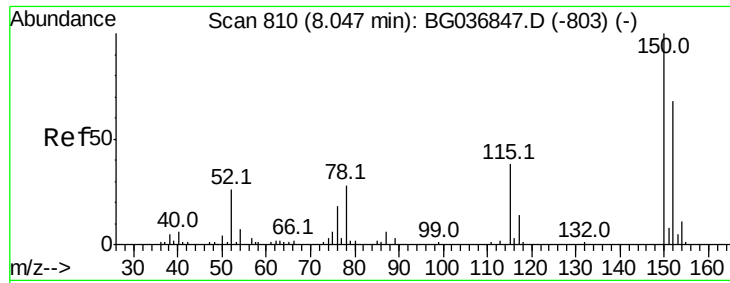
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037027.D

Acq: 27 Sep 2018 23:08

Instrument :

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ClientSampleId :

TP-1

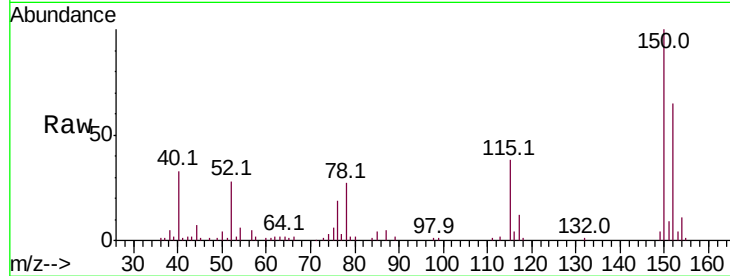
Tot Ion:152 Resp: 42105

Ion Ratio Lower Upper

152 100

150 155.0 119.5 179.3

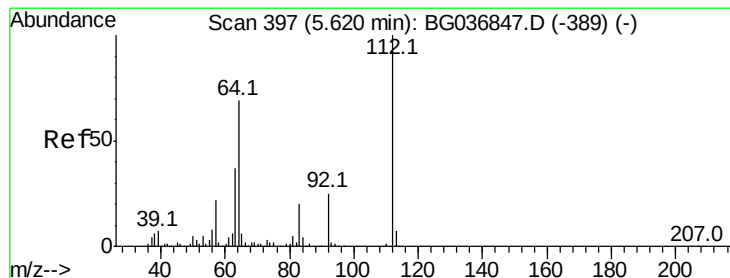
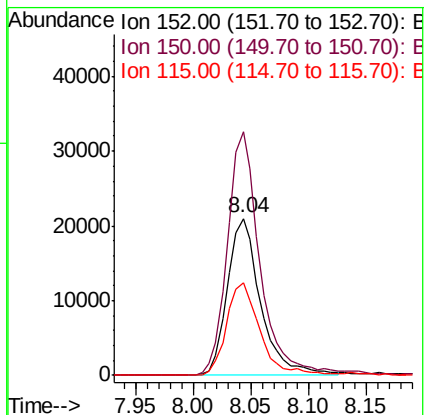
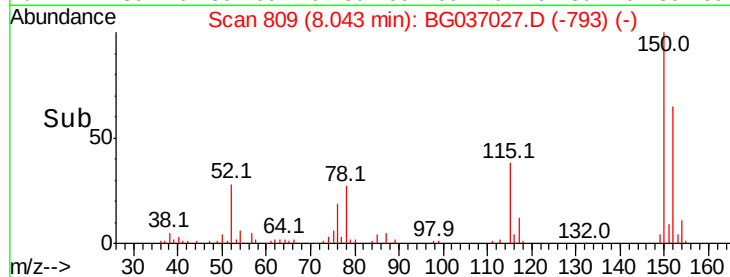
115 59.2 44.5 66.7



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: 131.291 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037027.D

Acq: 27 Sep 2018 23:08

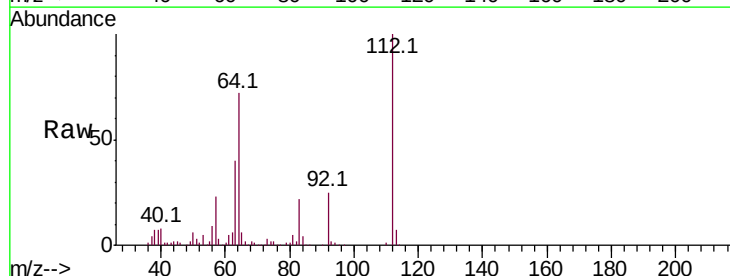
Tgt Ion:112 Resp: 288249

Ion Ratio Lower Upper

112 100

64 71.6 57.2 85.8

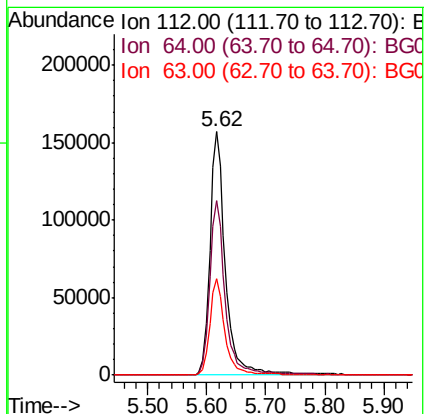
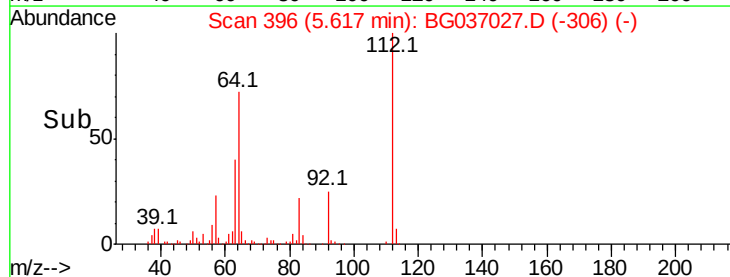
63 39.6 30.8 46.2

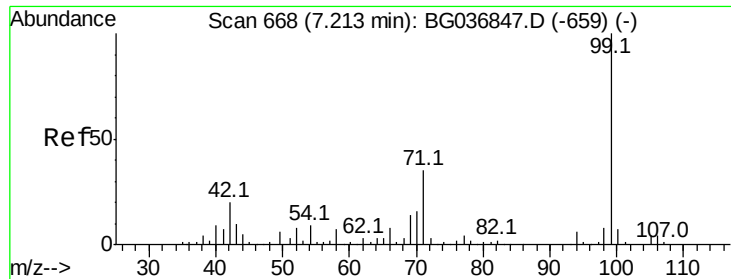


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.778 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037027.D

Acq: 27 Sep 2018 23:08

Instrument :

BNA_G

ClientSampleId :

TP-1

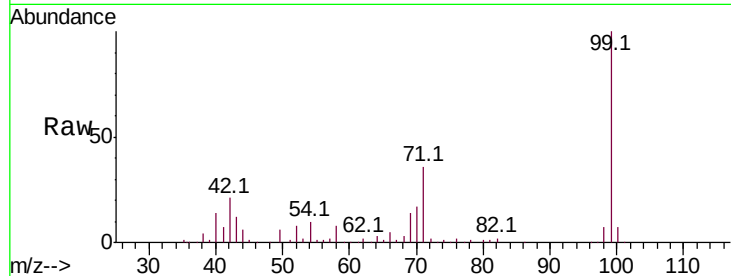
Tot Ion: 99 Resp: 352516

Ion Ratio Lower Upper

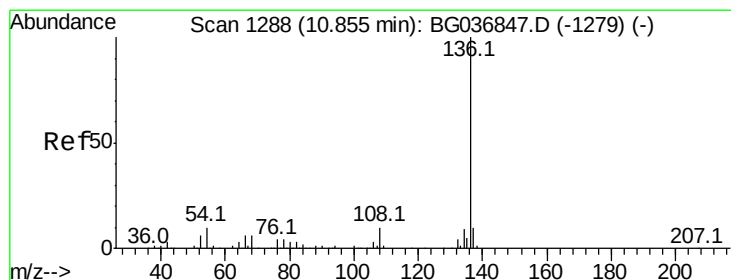
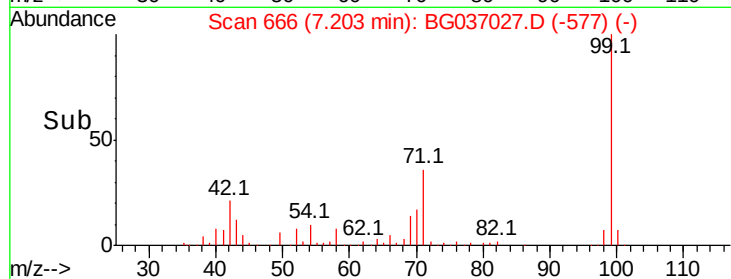
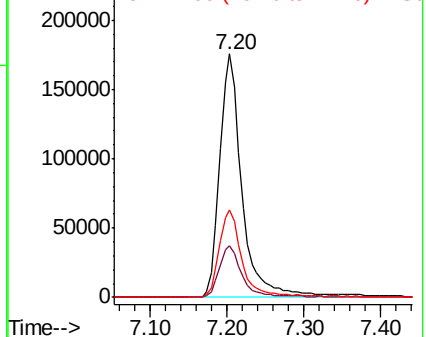
99 100

42 21.4 16.5 24.7

71 35.7 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: BG037027.D

Acq: 27 Sep 2018 23:08

Tgt Ion:136 Resp: 162532

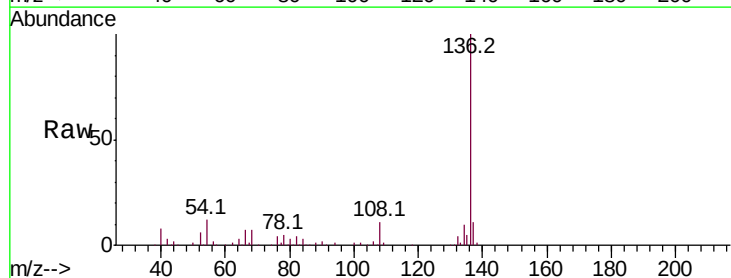
Ion Ratio Lower Upper

136 100

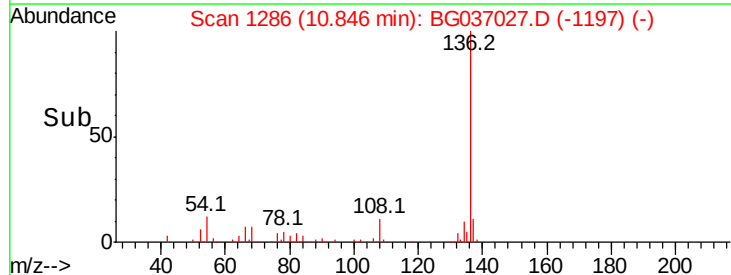
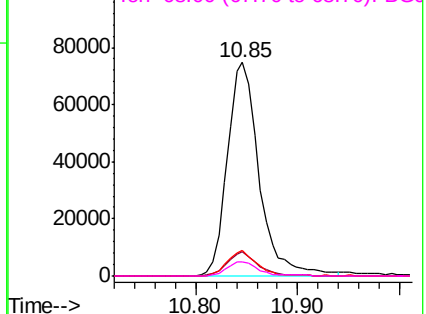
137 11.1 8.8 13.2

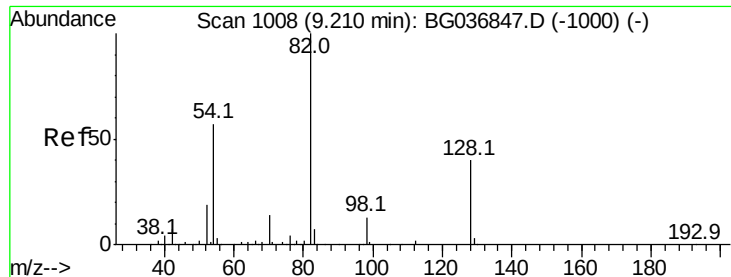
54 11.8 9.2 13.8

68 6.8 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

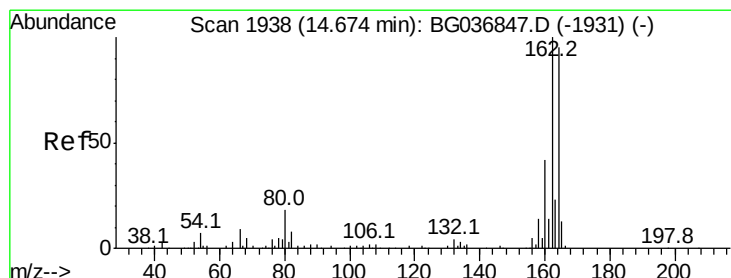
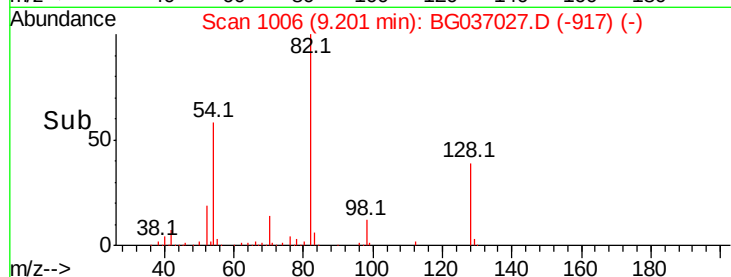
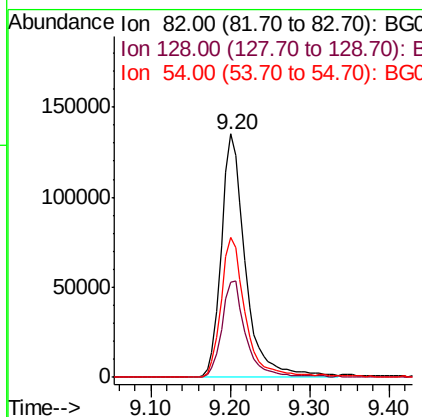
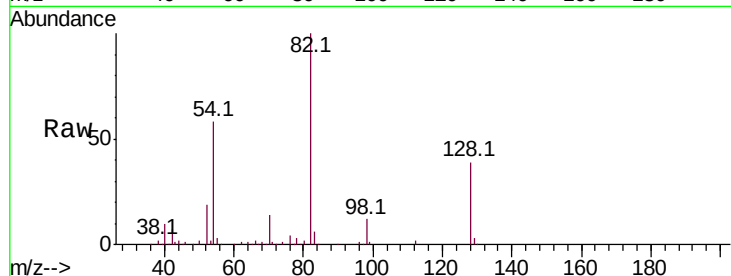




#23
 Nitrobenzene-d5
 Concen: 94.212 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037027.D
 Acq: 27 Sep 2018 23:08

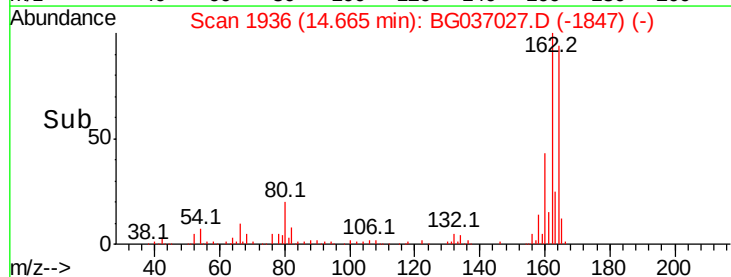
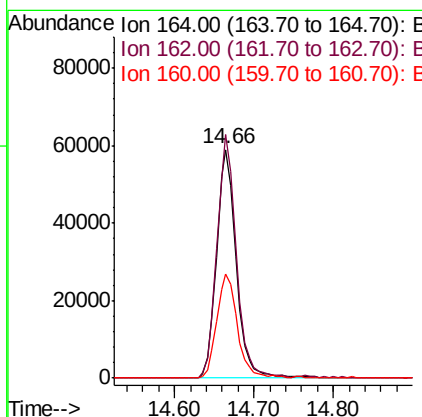
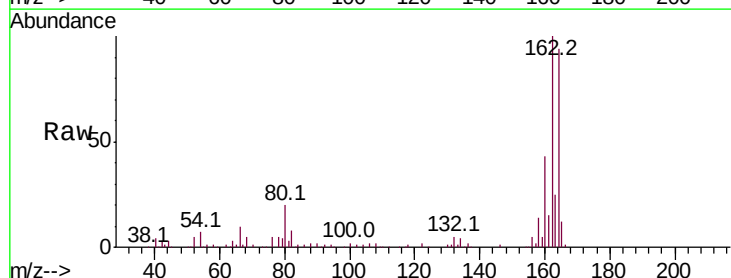
Instrument :
 BNA_G
 ClientSampled :
 TP-1

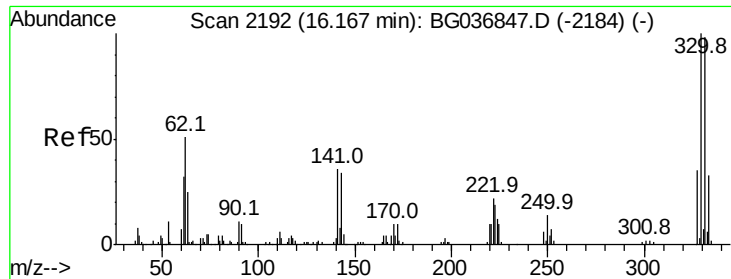
Tot Ion	82	Resp	285941
Ion Ratio	Lower	Upper	
82	100		
128	39.2	33.3	49.9
54	57.7	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037027.D
 Acq: 27 Sep 2018 23:08

Tgt Ion	164	Resp	101498
Ion Ratio	Lower	Upper	
164	100		
162	106.4	80.7	121.1
160	45.3	35.3	52.9

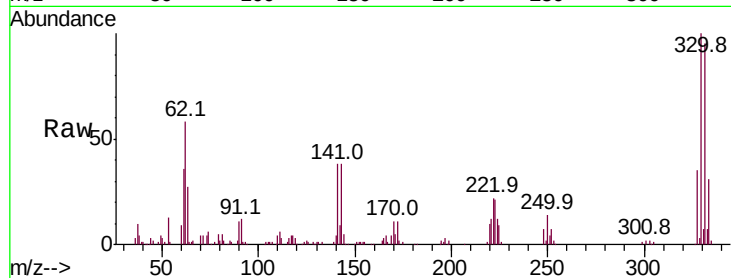




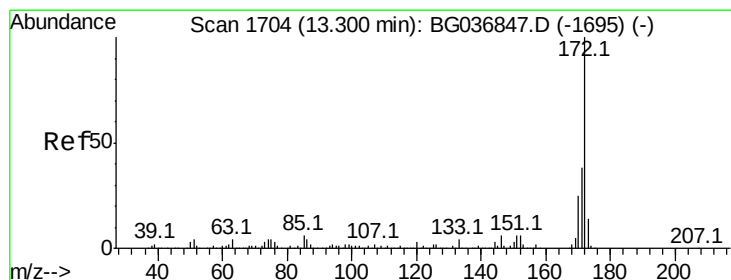
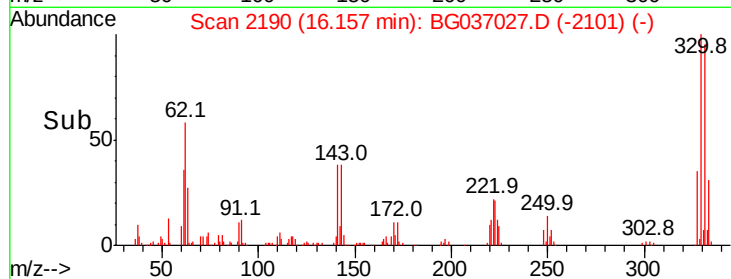
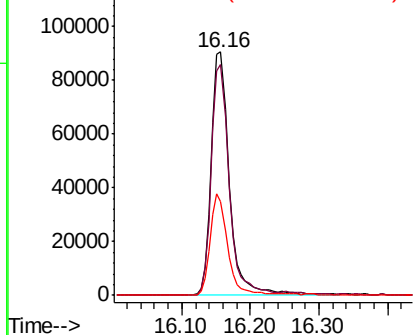
#41
 2,4,6-Tribromophenol
 Concen: 137.855 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037027.D
 Acq: 27 Sep 2018 23:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion:330 Resp: 167406
 Ion Ratio Lower Upper
 330 100
 332 92.8 75.4 113.2
 141 39.4 30.7 46.1

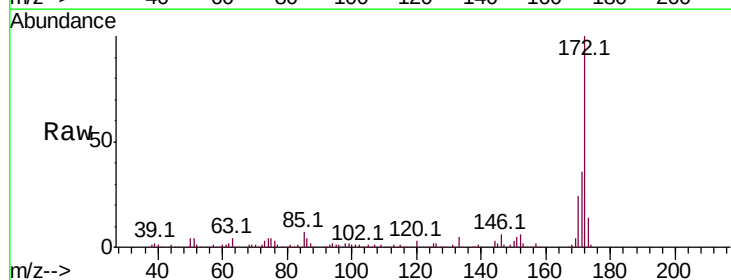


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

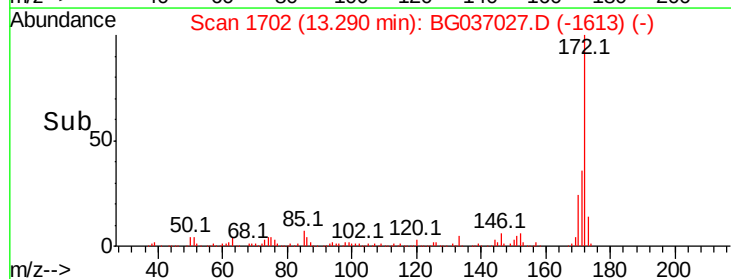
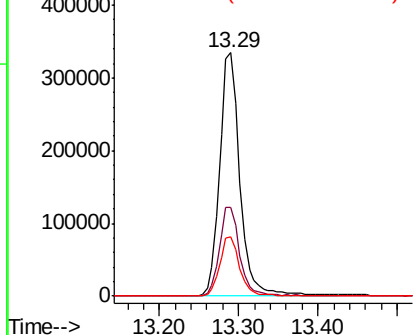


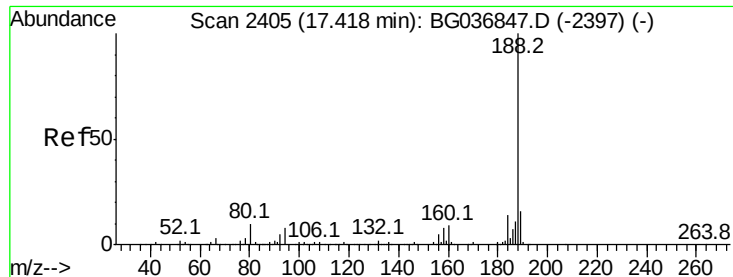
#44
 2-Fluorobiphenyl
 Concen: 86.881 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037027.D
 Acq: 27 Sep 2018 23:08

Tgt Ion:172 Resp: 592071
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.3 46.9
 170 24.1 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

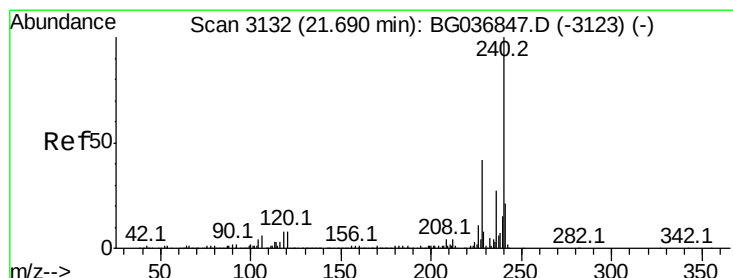
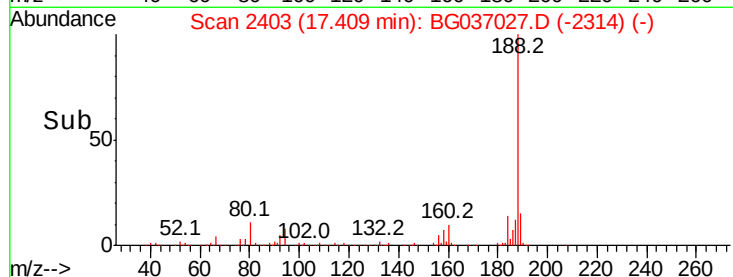
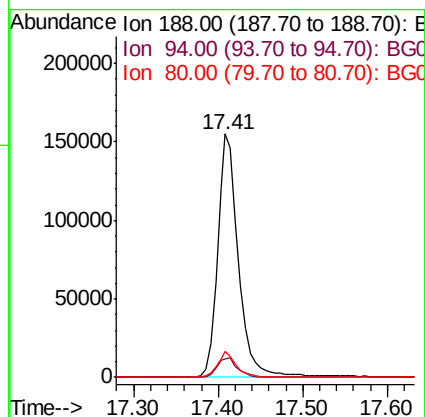
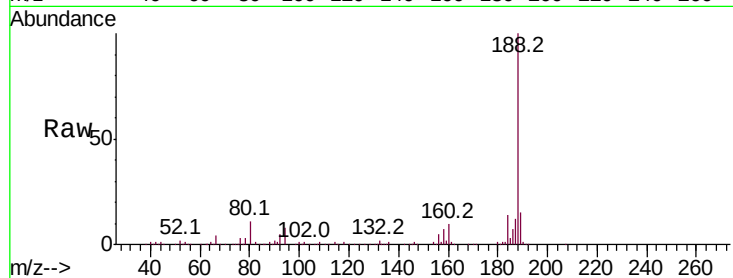




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037027.D
Acq: 27 Sep 2018 23:08

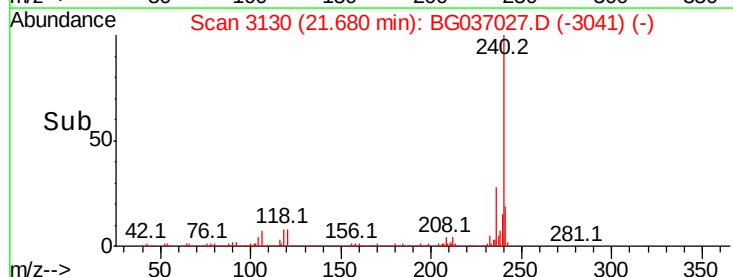
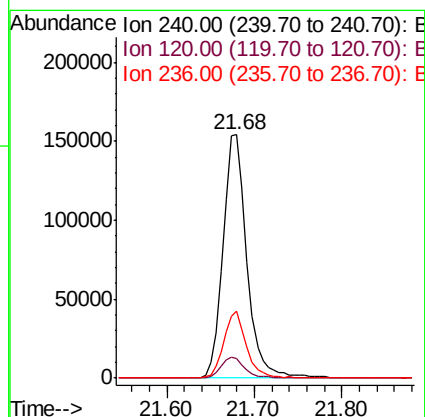
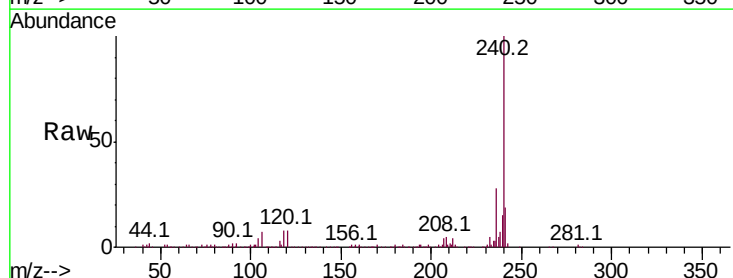
Instrument :
BNA_G
ClientSampleId :
TP-1

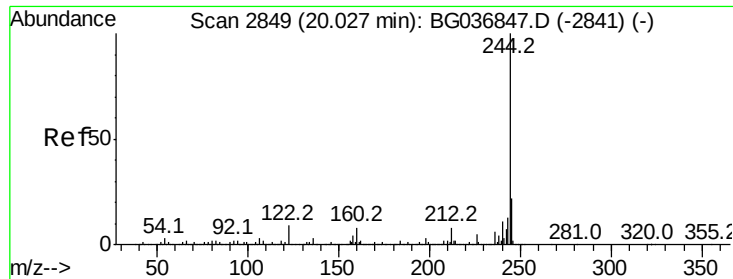
Tot Ion:188 Resp: 267256
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 10.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037027.D
Acq: 27 Sep 2018 23:08

Tgt Ion:240 Resp: 290354
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 27.5 21.2 31.8





#78

Terphenyl-d14

Concen: 99.957 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037027.D

Acq: 27 Sep 2018 23:08

Instrument :

BNA_G

ClientSampleId :

TP-1

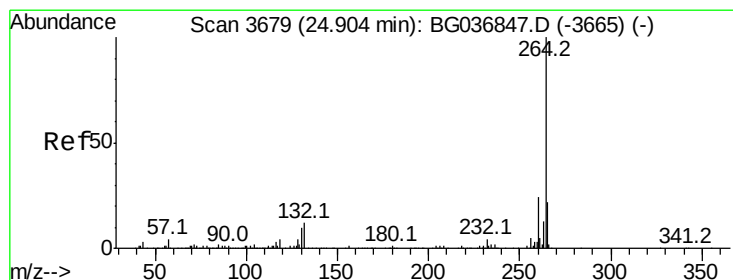
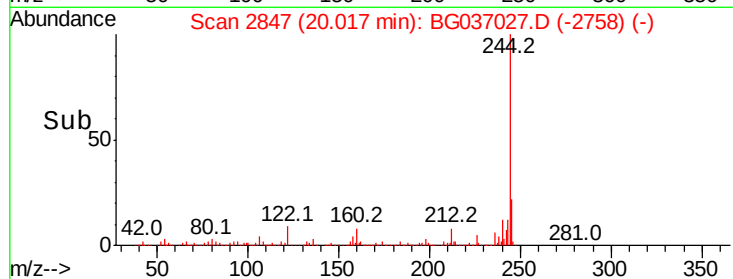
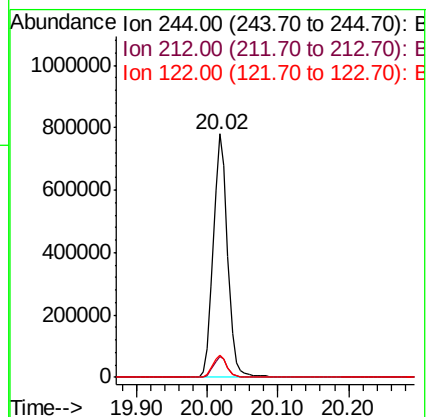
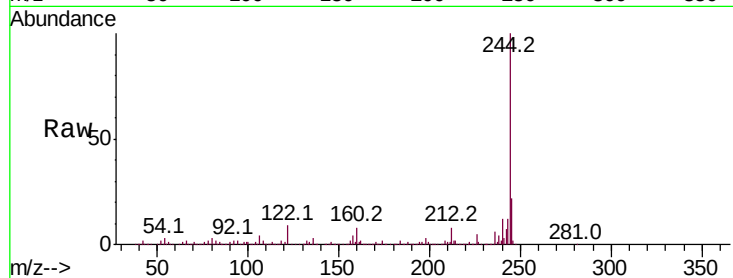
Tot Ion:244 Resp: 1103746

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.4 7.0 10.6

122 9.3 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: BG037027.D

Acq: 27 Sep 2018 23:08

Tgt Ion:264 Resp: 285984

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.9	17.4	26.0

264 100

260 23.3 19.6 29.4

265 21.9 17.4 26.0

