

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037776.D
 Acq On : 3 Nov 2018 5:10
 Operator : JU/SJ
 Sample : J5759-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Nov 03 05:56:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

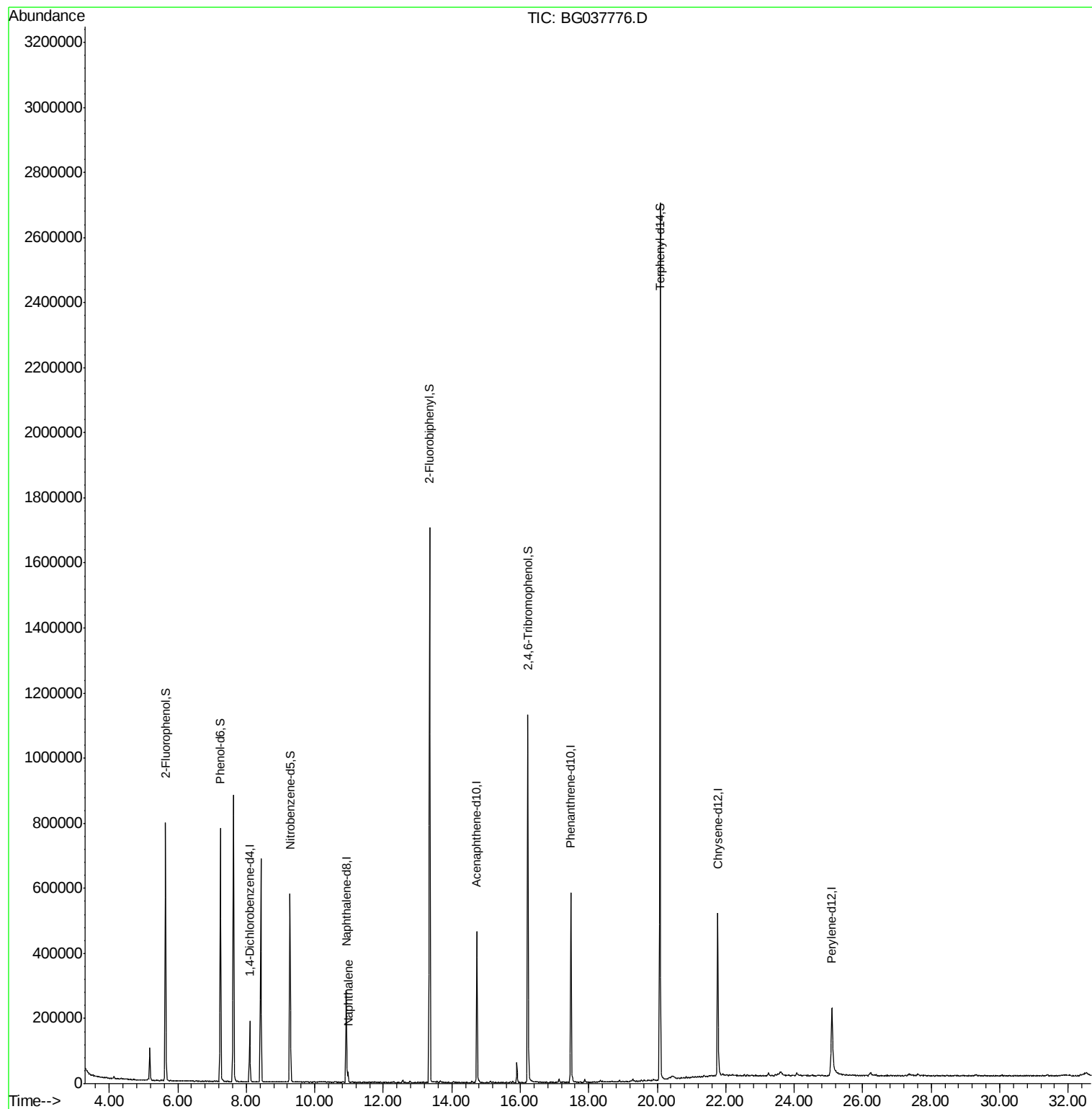
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57658	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	253559	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	168436	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	375712	20.00	ng	0.00
76) Chrysene-d12	21.77	240	341964	20.00	ng	0.00
87) Perylene-d12	25.10	264	298573	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	373874	108.41	ng	0.00
7) Phenol-d6	7.24	99	497363	95.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	375327	82.92	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	226166	123.11	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	928114	83.09	ng	-0.02
79) Terphenyl-d14	20.08	244	1339014	83.67	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	28319	2.274	ng	Qvalue 97

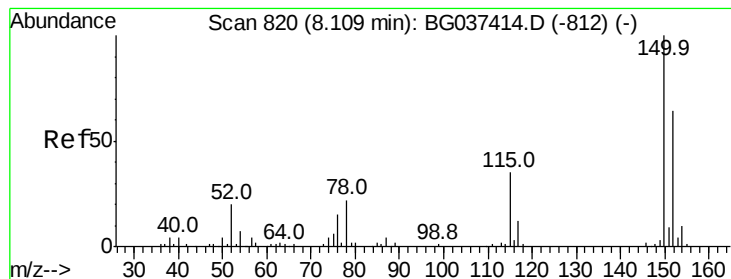
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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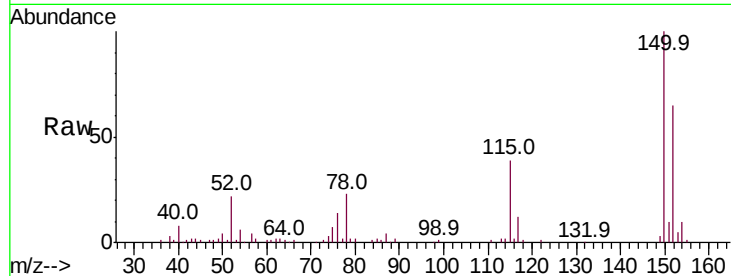


#1

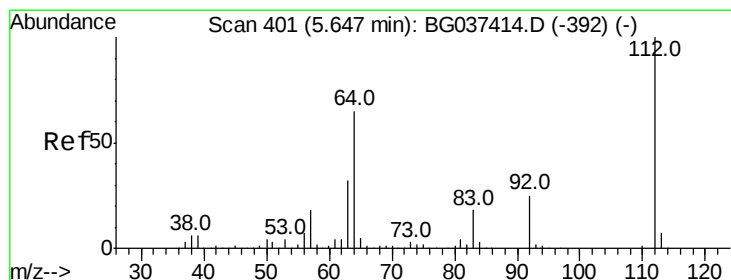
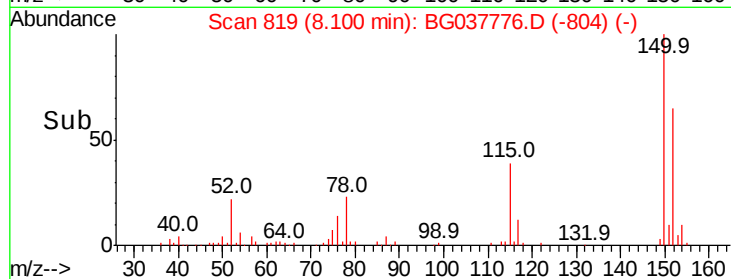
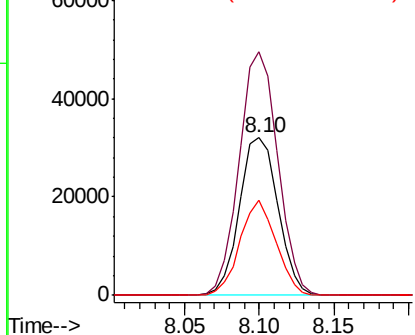
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:152 Resp: 57658
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 60.0 45.5 68.3



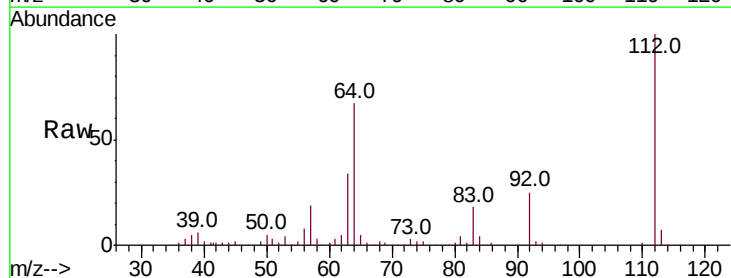
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



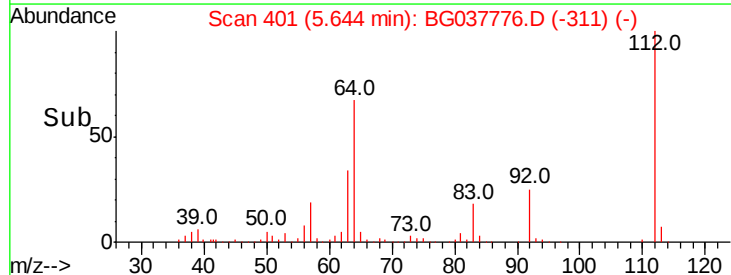
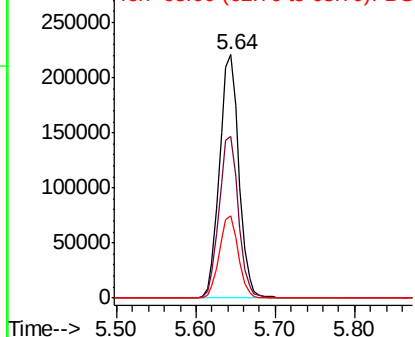
#5

2-Fluorophenol
Concen: 108.409 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Tgt Ion:112 Resp: 373874
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.7 27.3 40.9



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: 95.373 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

Instrument :

BNA_G

ClientSampled :

TP-4

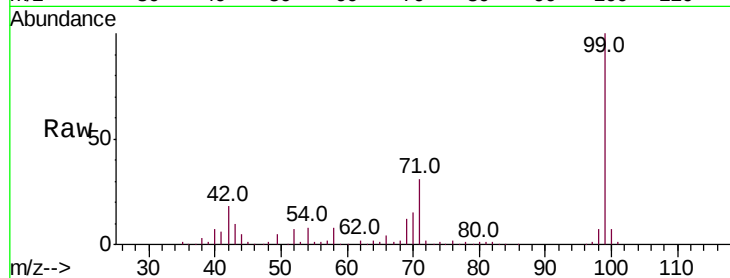
Tot Ion: 99 Resp: 497363

Ion Ratio Lower Upper

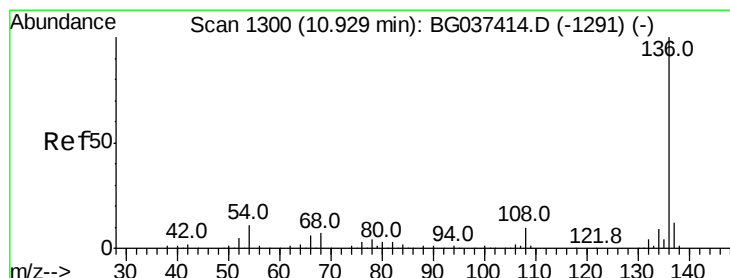
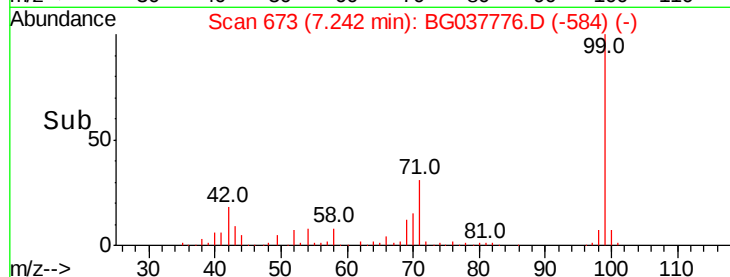
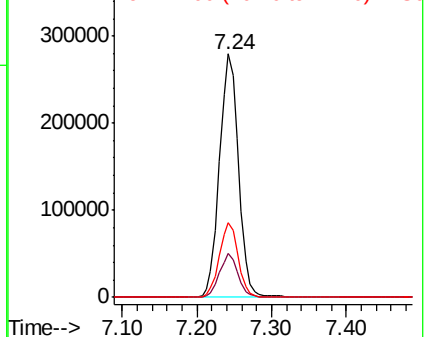
99 100

42 18.0 15.0 22.4

71 30.8 25.5 38.3



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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

Tgt Ion: 136 Resp: 253559

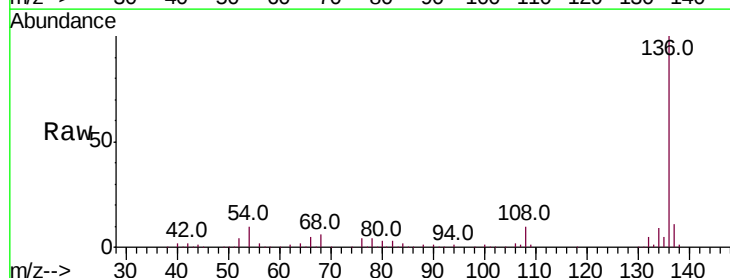
Ion Ratio Lower Upper

136 100

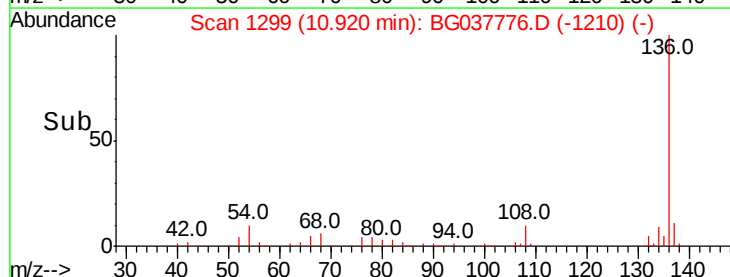
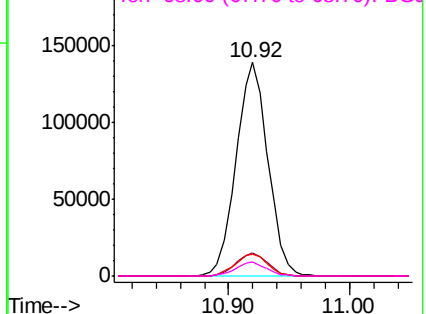
137 11.0 9.6 14.4

54 10.1 7.9 11.9

68 6.4 4.8 7.2



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

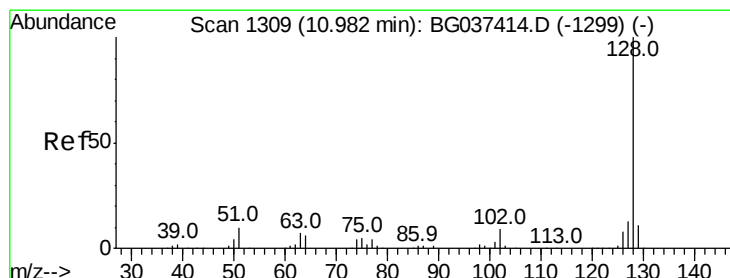
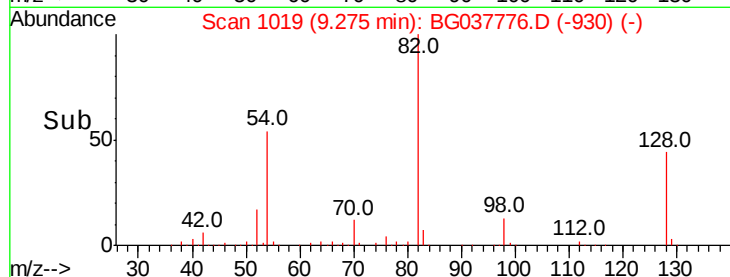
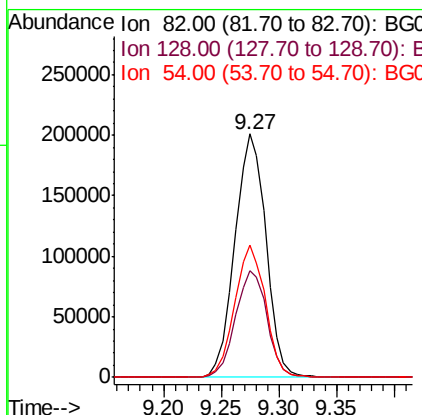
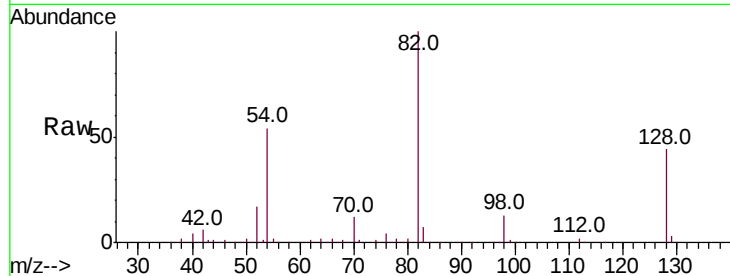




#23
Nitrobenzene-d5
Concen: 82.921 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

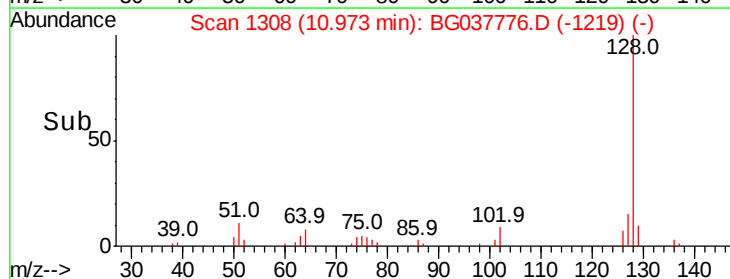
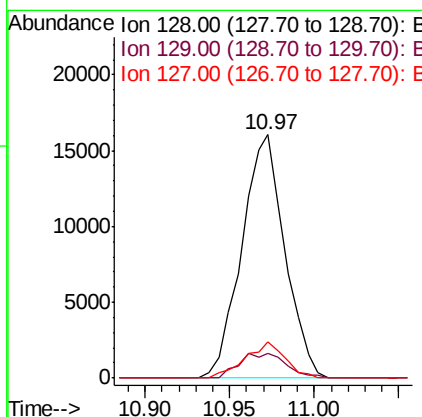
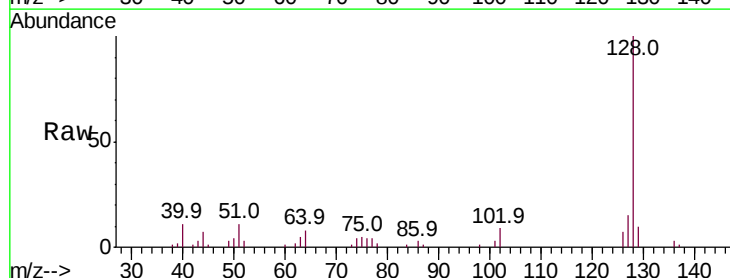
Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion: 82 Resp: 375327
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 54.5 45.3 67.9



#31
Naphthalene
Concen: 2.274 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Tgt Ion: 128 Resp: 28319
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 15.1 11.1 16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

Instrument :

BNA_G

ClientSampled :

TP-4

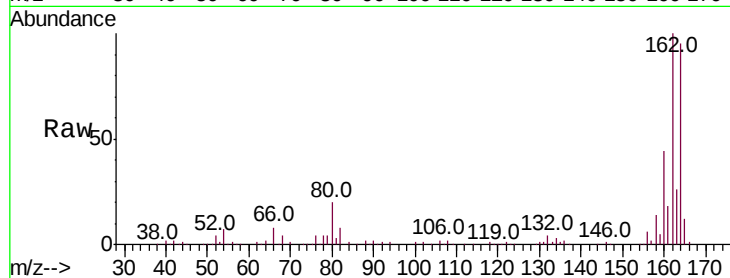
Tot Ion:164 Resp: 168436

Ion Ratio Lower Upper

164 100

162 105.6 81.3 121.9

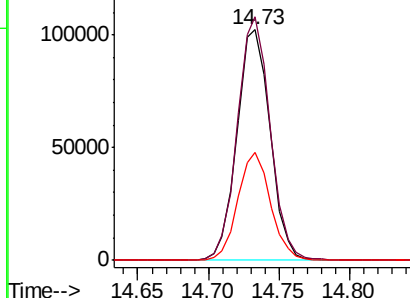
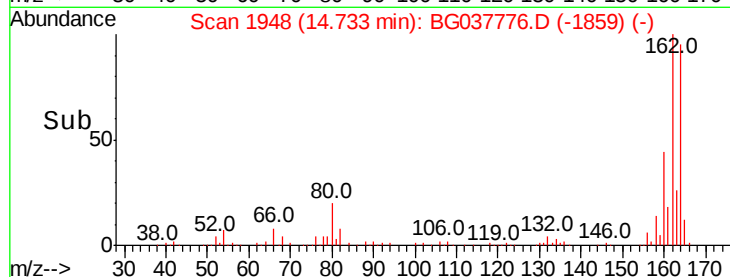
160 46.6 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 123.109 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037776.D

Acq: 3 Nov 2018 5:10

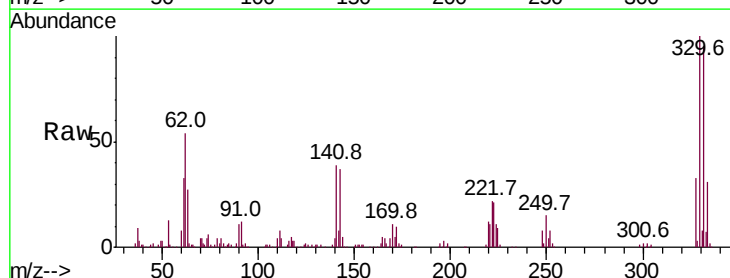
Tgt Ion:330 Resp: 226166

Ion Ratio Lower Upper

330 100

332 94.3 78.4 117.6

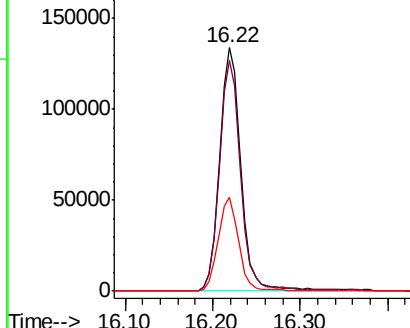
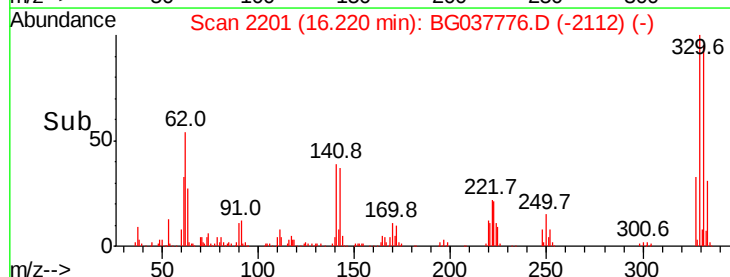
141 37.5 32.2 48.2



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

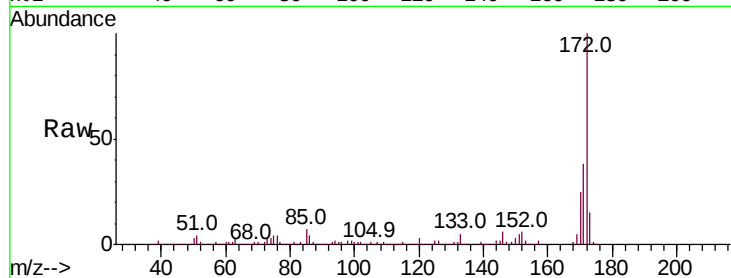




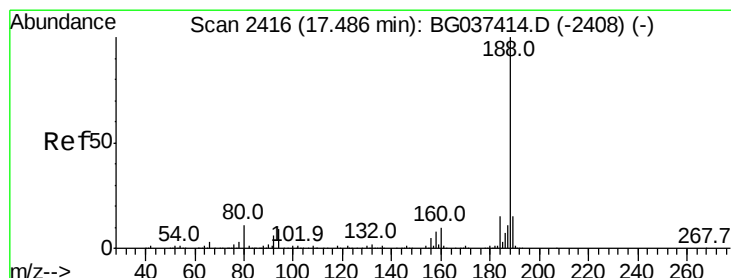
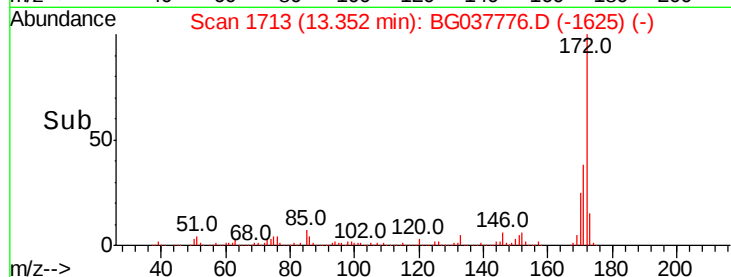
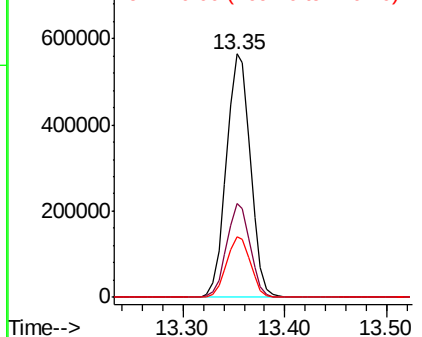
#45
 2-Fluorobiphenyl
 Concen: 83.091 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037776.D
 Acq: 3 Nov 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion:172 Resp: 928114
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.0 46.4
 170 24.7 20.2 30.2

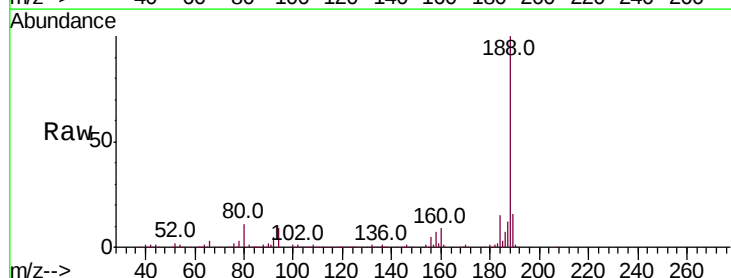


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

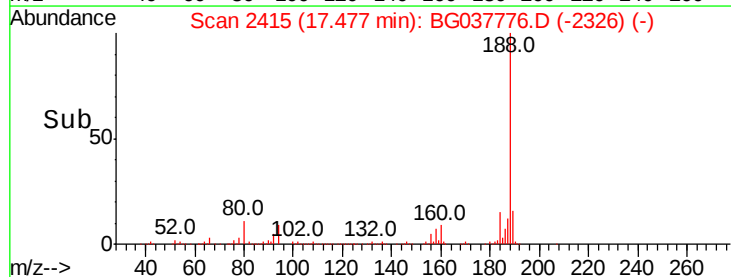
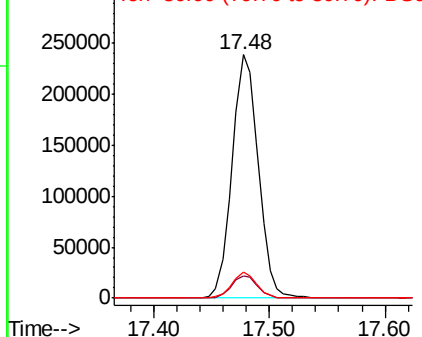


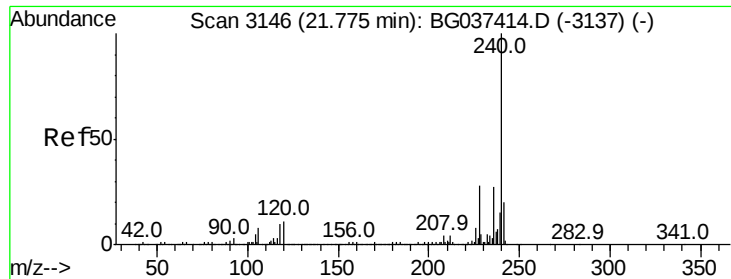
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037776.D
 Acq: 3 Nov 2018 5:10

Tgt Ion:188 Resp: 375712
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 10.5 7.7 11.5



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

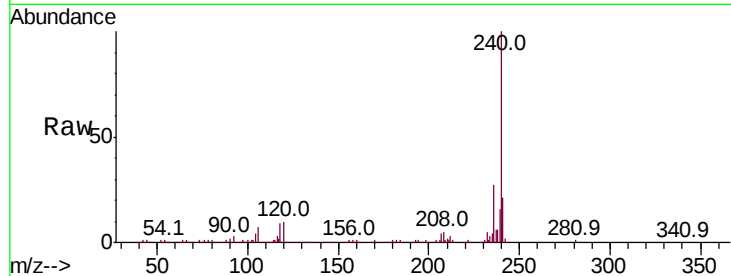




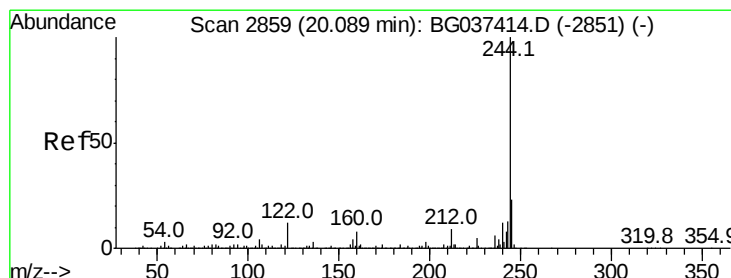
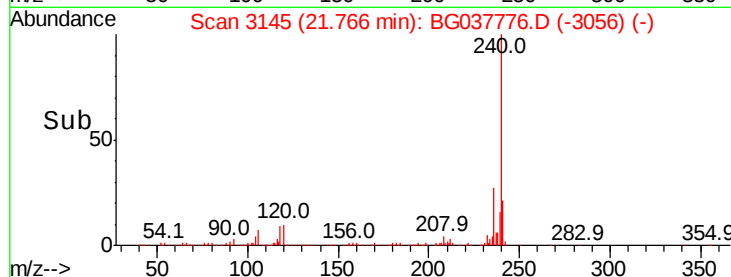
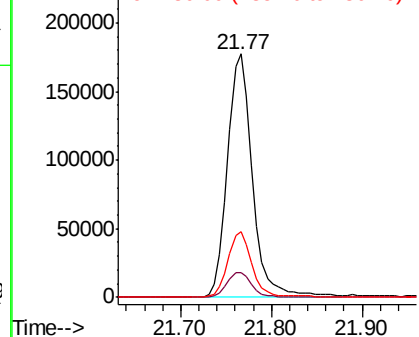
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037776.D
 Acq: 3 Nov 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion:240 Resp: 341964
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.1 12.1
 236 27.2 21.4 32.0

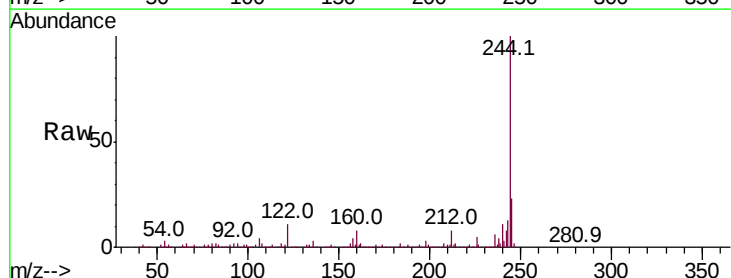


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

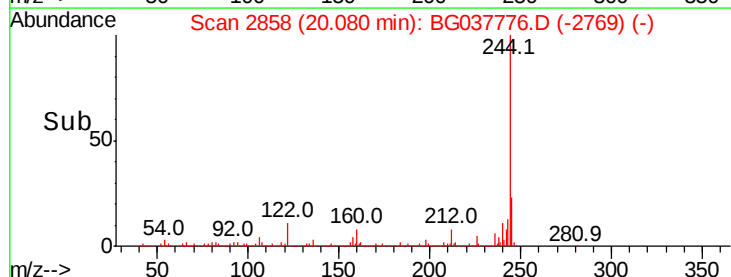
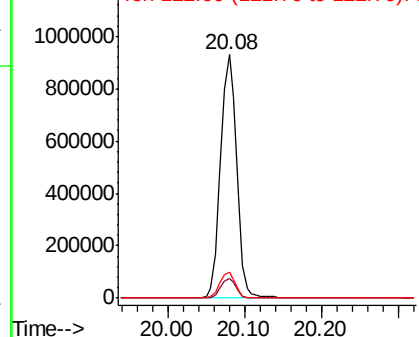


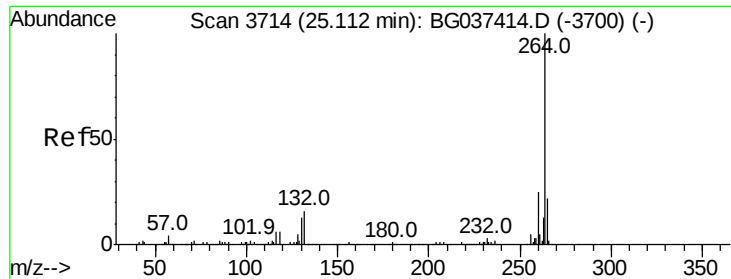
#79
 Terphenyl-d14
 Concen: 83.668 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037776.D
 Acq: 3 Nov 2018 5:10

Tgt Ion:244 Resp: 1339014
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 10.8 9.0 13.4



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037776.D
Acq: 3 Nov 2018 5:10

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	20.5	17.9	26.9

