

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037786.D
 Acq On : 3 Nov 2018 11:42
 Operator : JU/SJ
 Sample : J5755-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-S

Quant Time: Nov 05 05:12:00 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

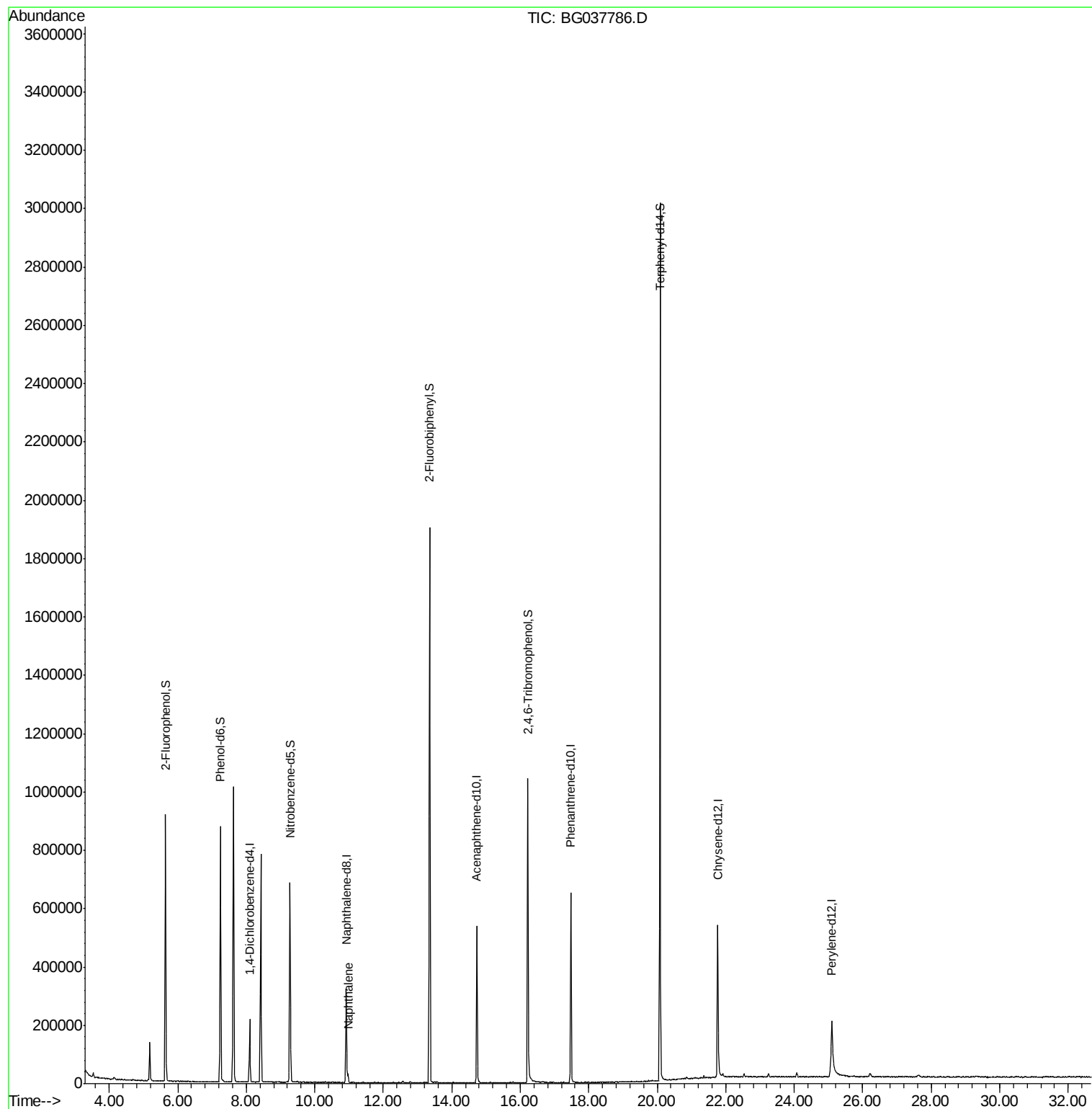
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	65030	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	288670	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	190875	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	421004	20.00	ng	0.00
76) Chrysene-d12	21.77	240	375171	20.00	ng	0.00
87) Perylene-d12	25.10	264	298418	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	433644	111.49	ng	0.00
7) Phenol-d6	7.24	99	563789	95.85	ng	0.00
23) Nitrobenzene-d5	9.27	82	426834	82.83	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	209204	100.49	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1047041	82.72	ng	-0.02
79) Terphenyl-d14	20.08	244	1459791	83.14	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	28371	2.001	ng	Qvalue 99

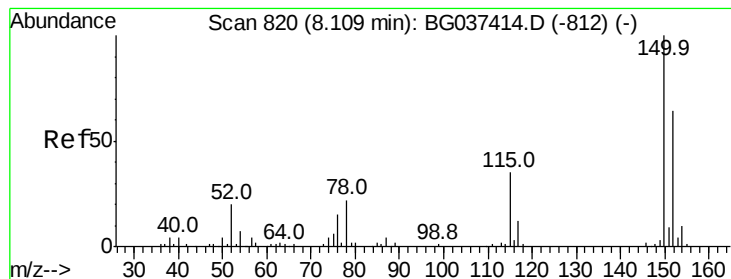
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

Instrument :

BNA_G

ClientSampleId :

TP-1-S

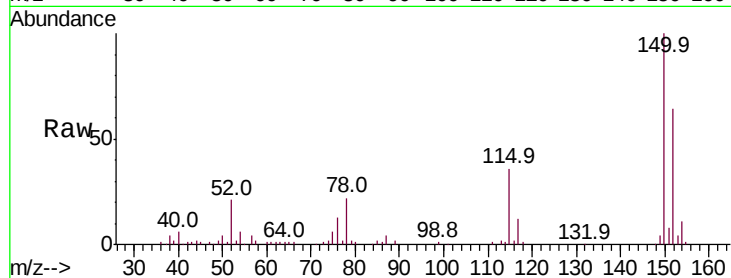
Tot Ion:152 Resp: 65030

Ion Ratio Lower Upper

152 100

150 156.7 126.0 189.0

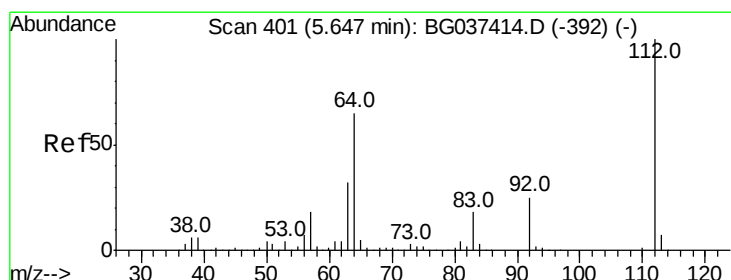
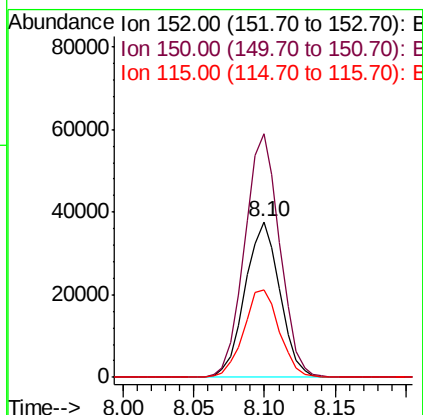
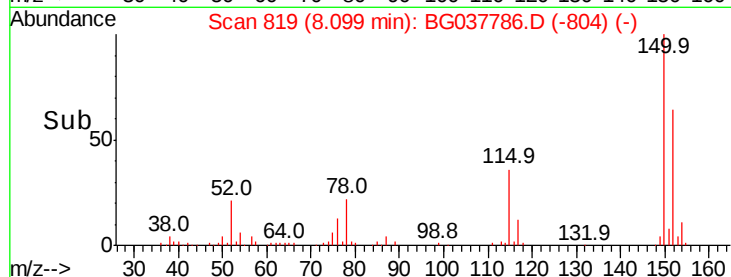
115 56.3 45.5 68.3



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: 111.485 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

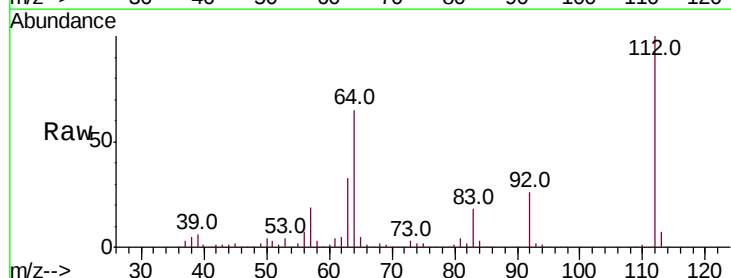
Tgt Ion:112 Resp: 433644

Ion Ratio Lower Upper

112 100

64 64.6 53.1 79.7

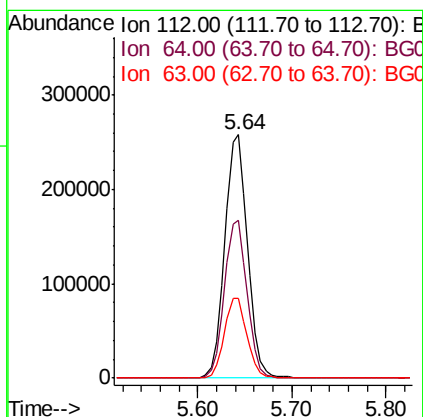
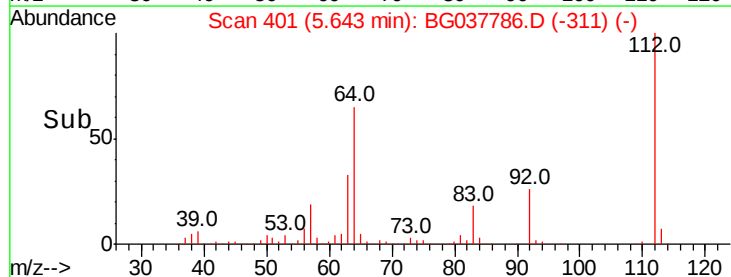
63 32.6 27.3 40.9

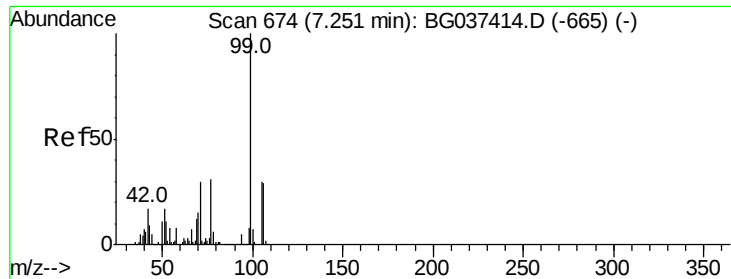


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.855 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

Instrument :

BNA_G

ClientSampleId :

TP-1-S

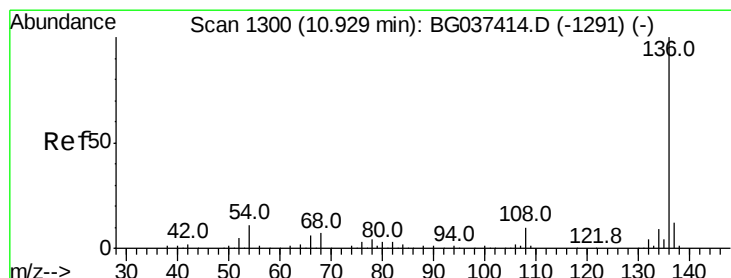
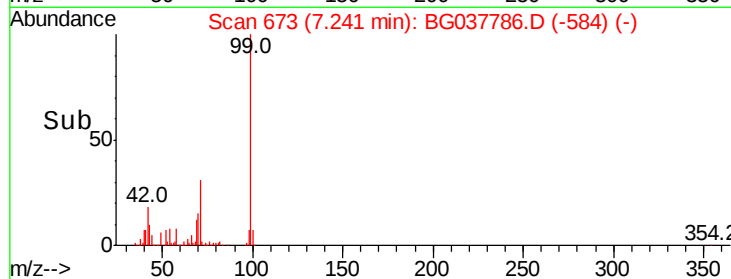
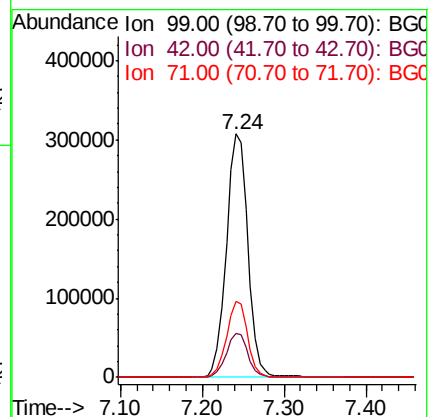
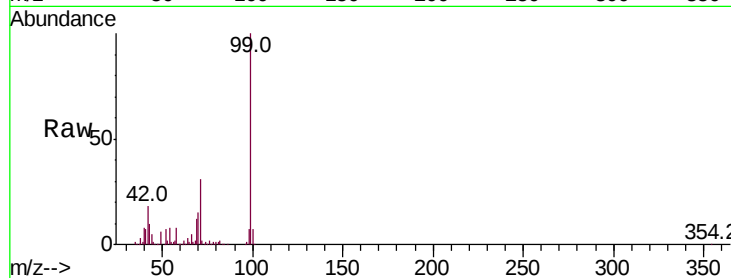
Tot Ion: 99 Resp: 563789

Ion Ratio Lower Upper

99 100

42 18.3 15.0 22.4

71 31.1 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

Tgt Ion: 136 Resp: 288670

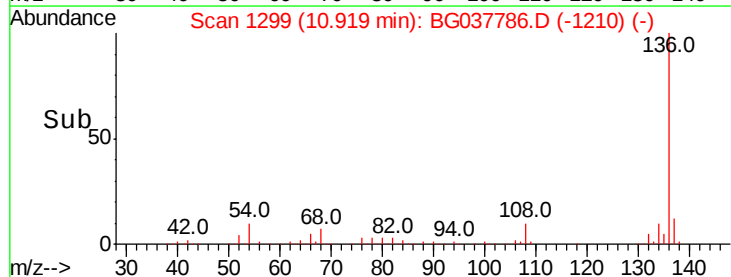
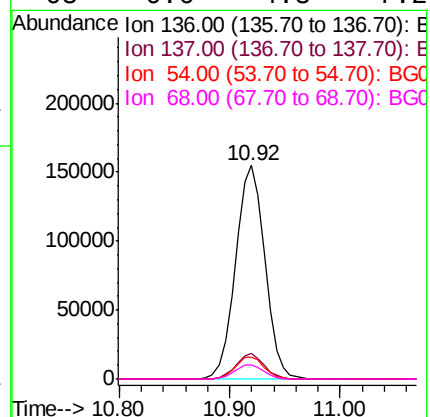
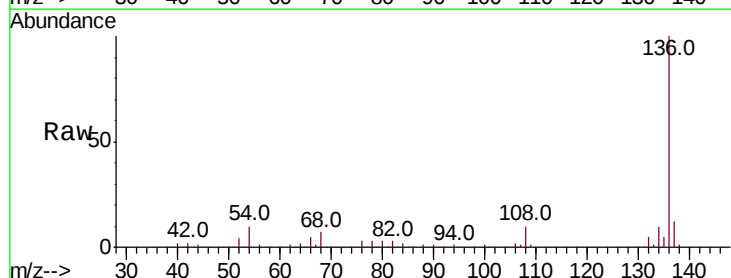
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 10.5 7.9 11.9

68 6.6 4.8 7.2

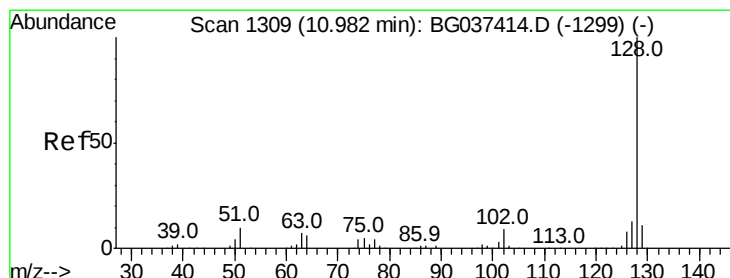
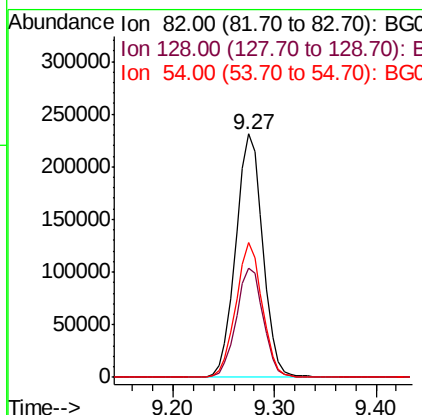
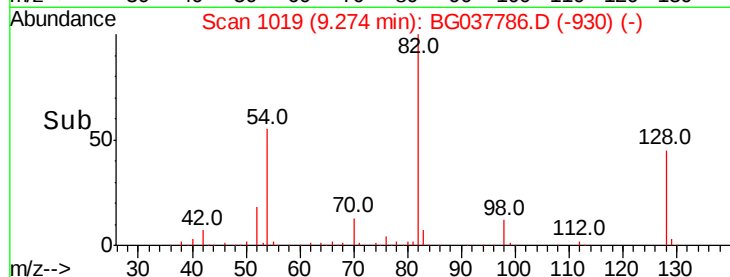
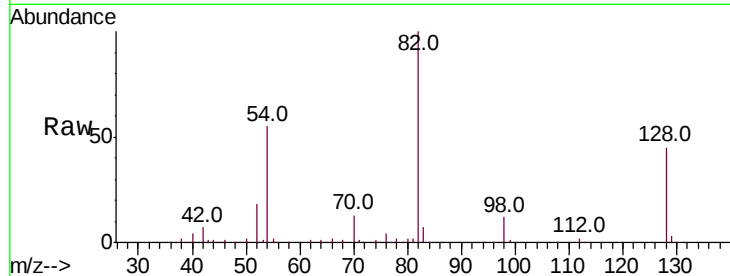




#23
 Nitrobenzene-d5
 Concen: 82.831 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037786.D
 Acq: 3 Nov 2018 11:42

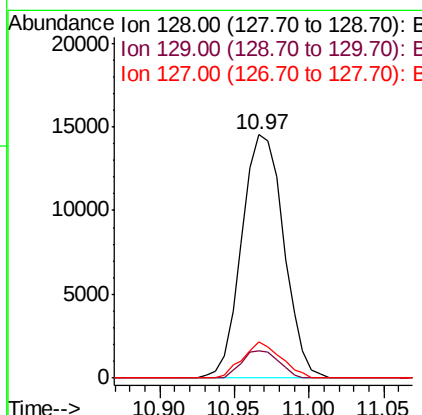
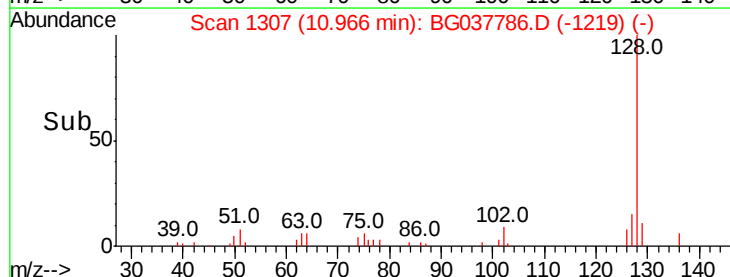
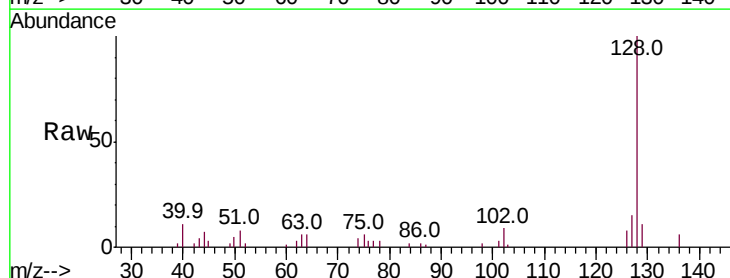
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-S

Tot Ion: 82 Resp: 426834
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 55.4 45.3 67.9



#31
 Naphthalene
 Concen: 2.001 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BG037786.D
 Acq: 3 Nov 2018 11:42

Tgt Ion: 128 Resp: 28371
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 14.6 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: BG037786.D

Acq: 3 Nov 2018 11:42

Instrument :

BNA_G

ClientSampleId :

TP-1-S

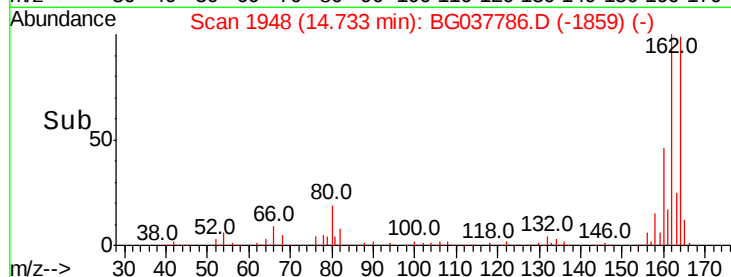
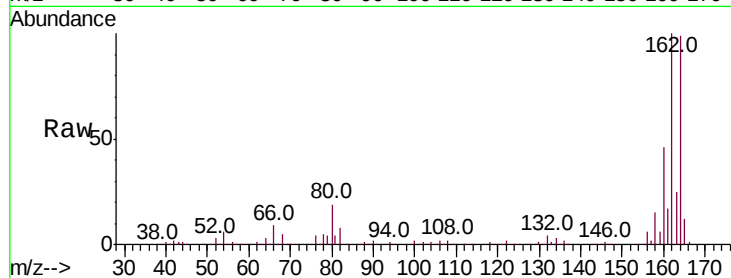
Tot Ion:164 Resp: 190875

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

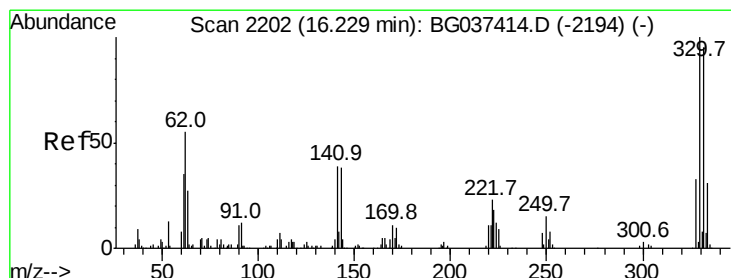
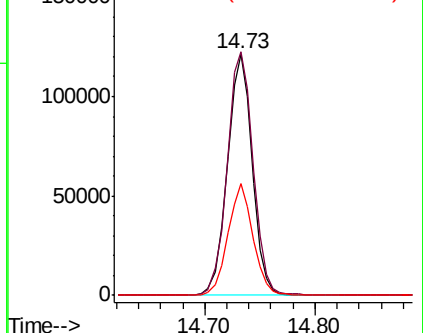
160 46.4 36.3 54.5



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: 100.489 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

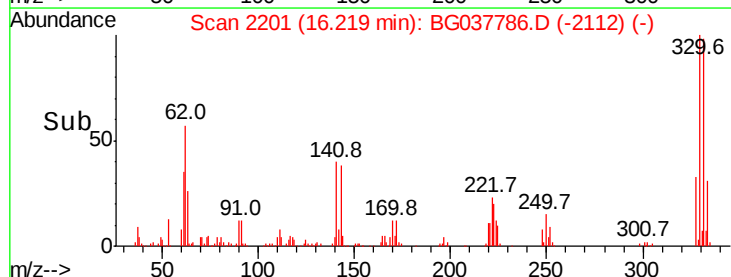
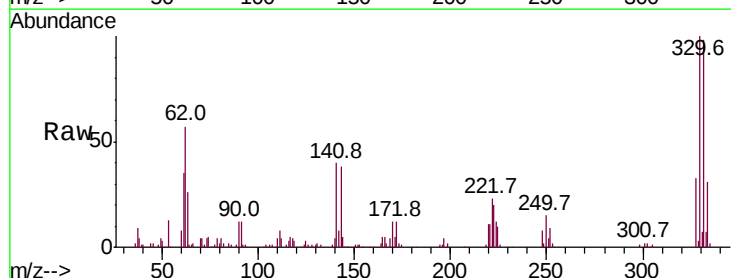
Tgt Ion:330 Resp: 209204

Ion Ratio Lower Upper

330 100

332 97.8 78.4 117.6

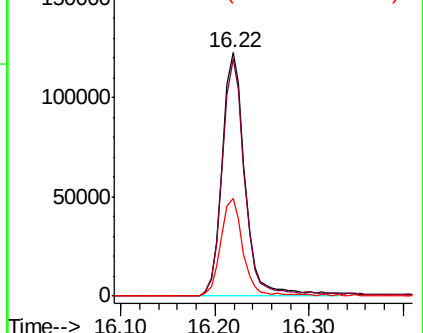
141 38.7 32.2 48.2



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



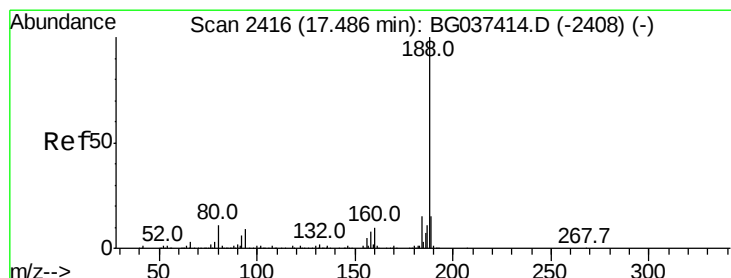
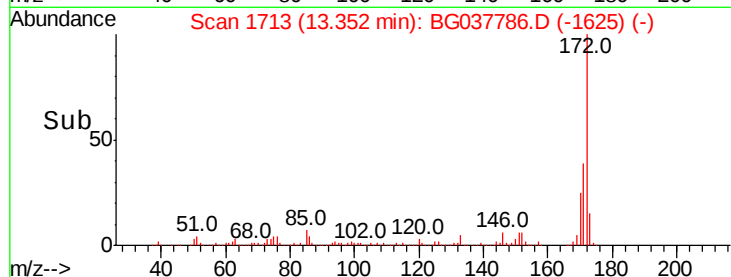
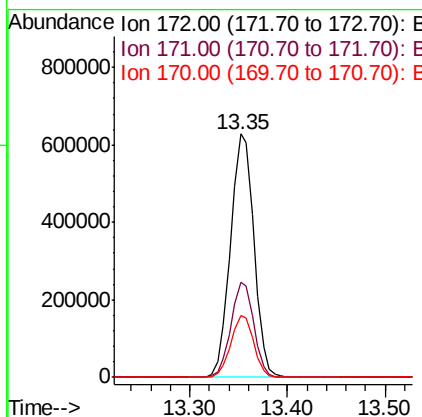
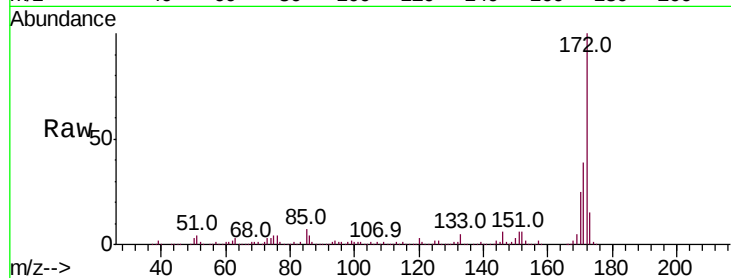


#45
 2-Fluorobiphenyl
 Concen: 82.718 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037786.D
 Acq: 3 Nov 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-S

Tot Ion:172 Resp: 1047041

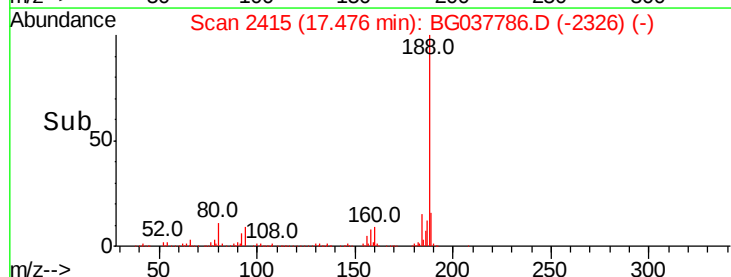
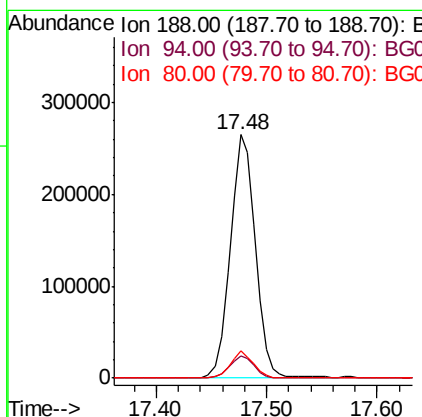
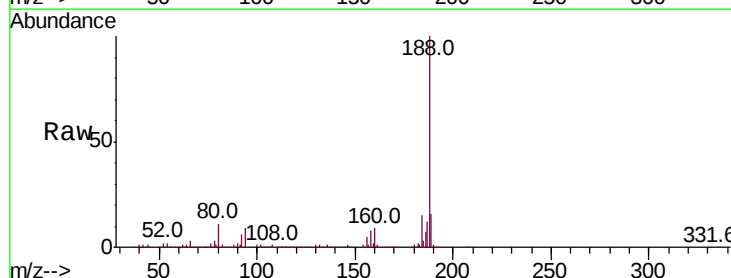
Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	25.3	20.2	30.2

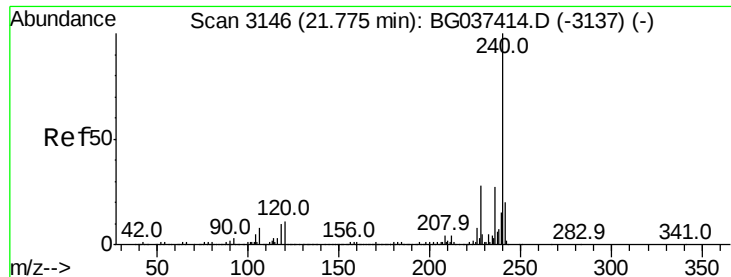


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037786.D
 Acq: 3 Nov 2018 11:42

Tgt Ion:188 Resp: 421004

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	11.2	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

Instrument :

BNA_G

ClientSampleId :

TP-1-S

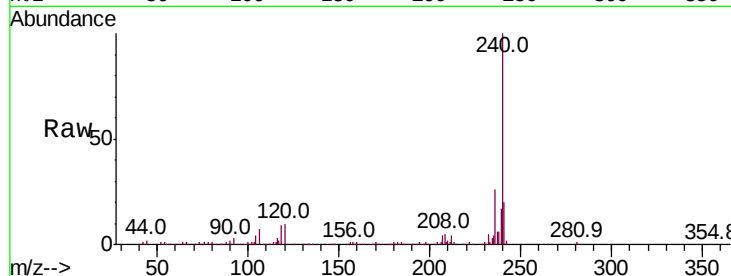
Tot Ion:240 Resp: 375171

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

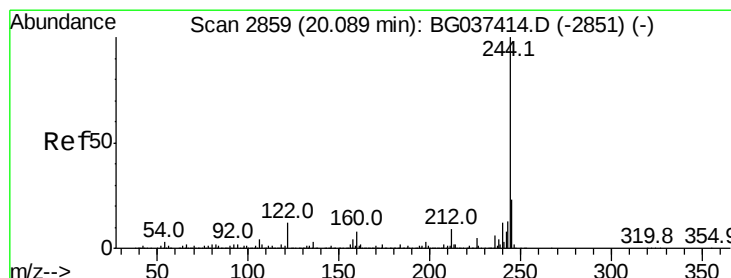
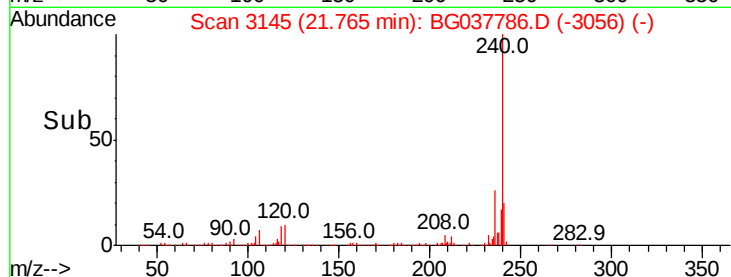
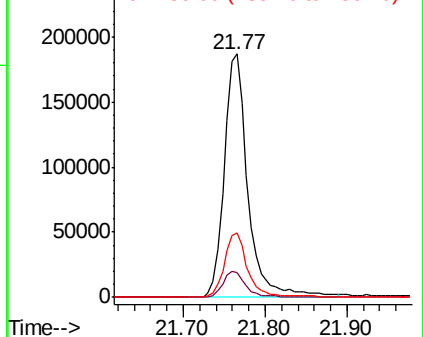
236 26.3 21.4 32.0



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: 83.142 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037786.D

Acq: 3 Nov 2018 11:42

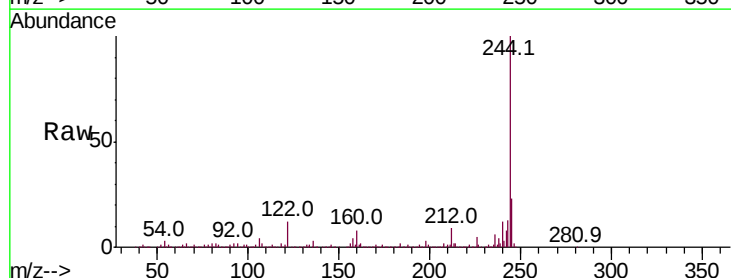
Tgt Ion:244 Resp: 1459791

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

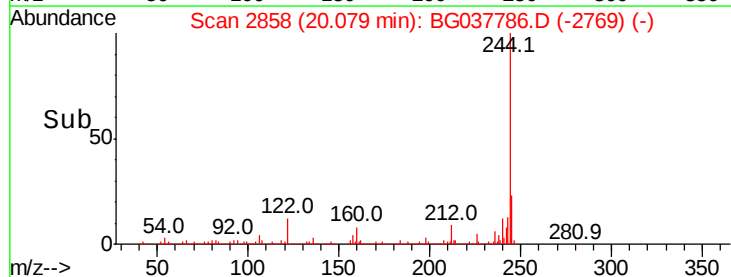
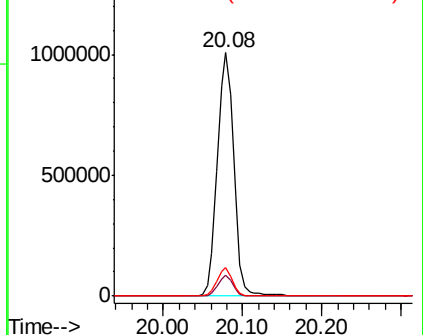
122 11.6 9.0 13.4

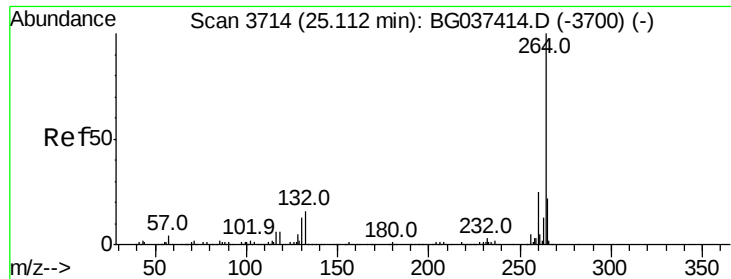


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG037786.D
Acq: 3 Nov 2018 11:42

Instrument :
BNA_G
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.0	17.9	26.9

