

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032768.D
 Acq On : 21 Feb 2018 20:20
 Operator : SJ/JU
 Sample : J1624-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Feb 22 06:53:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

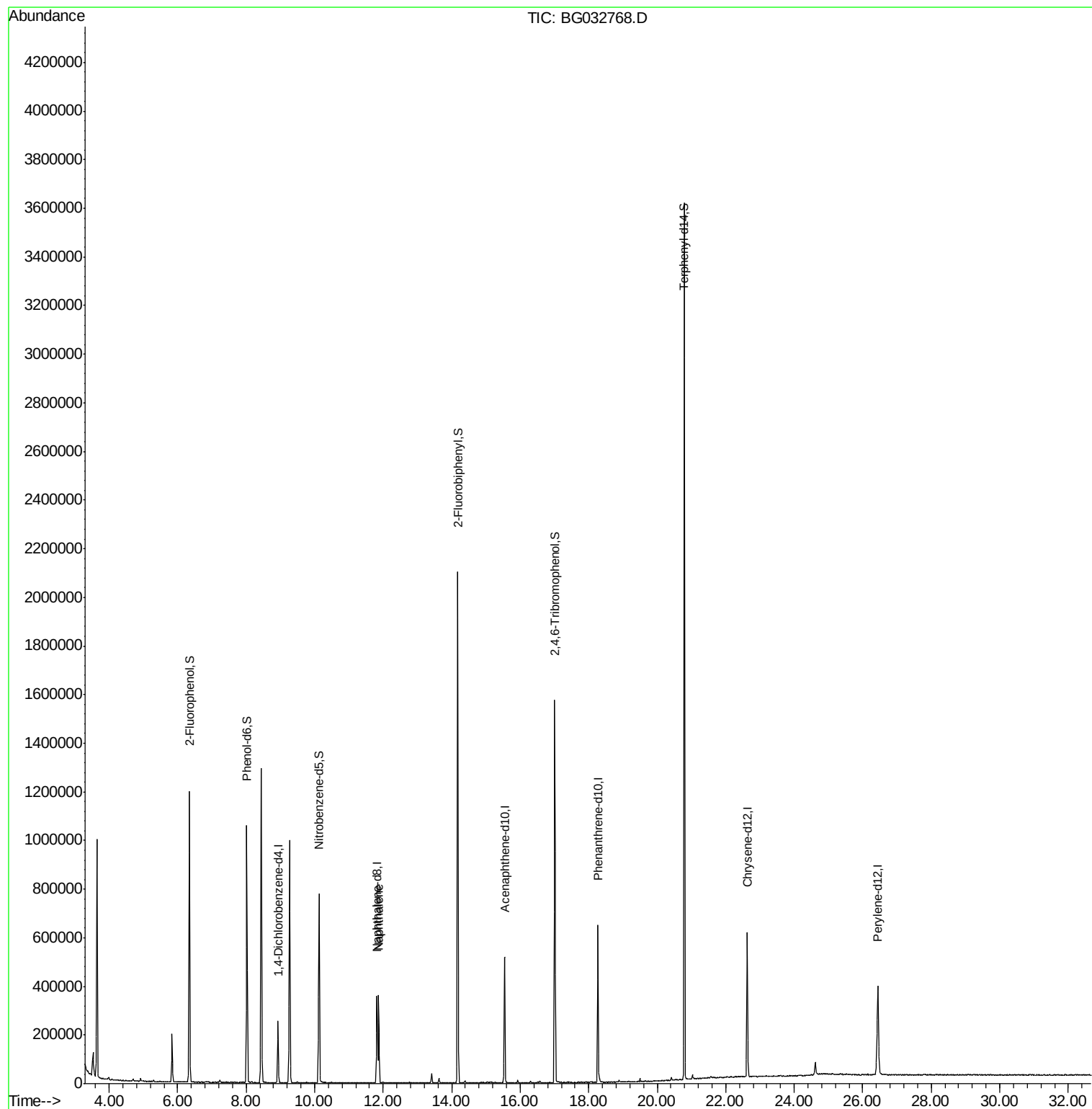
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	75635	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	327103	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	179850	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	401668	20.00	ng	0.00
75) Chrysene-d12	22.62	240	391438	20.00	ng	-0.02
86) Perylene-d12	26.44	264	418170	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	588381	124.46	ng	0.00
7) Phenol-d6	8.02	99	691080	104.87	ng	0.00
23) Nitrobenzene-d5	10.13	82	487790	101.33	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	283301	149.81	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1100324	88.24	ng	0.00
78) Terphenyl-d14	20.79	244	1569606	90.09	ng	0.00
Target Compounds						
31) Naphthalene	11.87	128	320270	18.738	ng	Qvalue 99

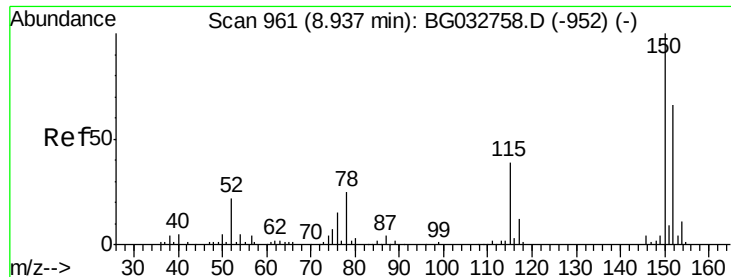
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
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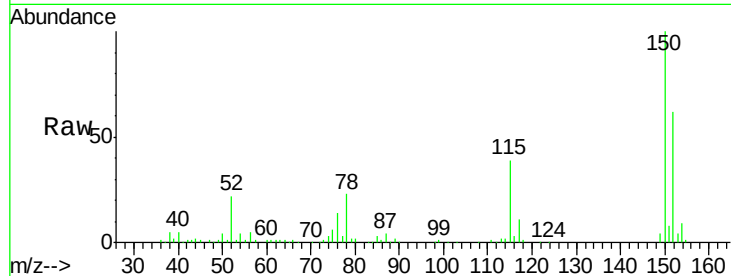


#1

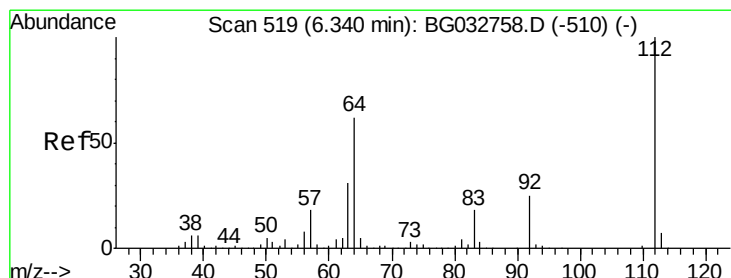
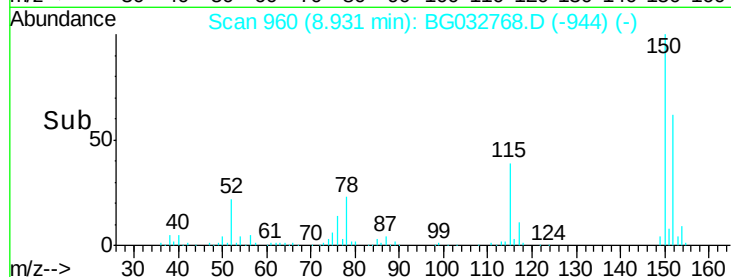
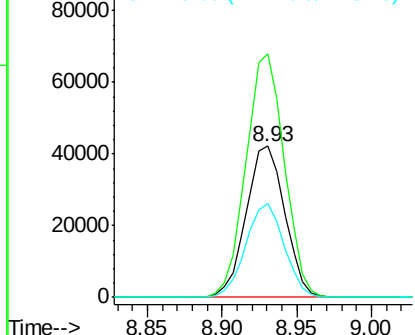
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032768.D
Acq: 21 Feb 2018 20:20

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion:152 Resp: 75635
Ion Ratio Lower Upper
152 100
150 161.4 126.6 189.8
115 62.4 53.0 79.4



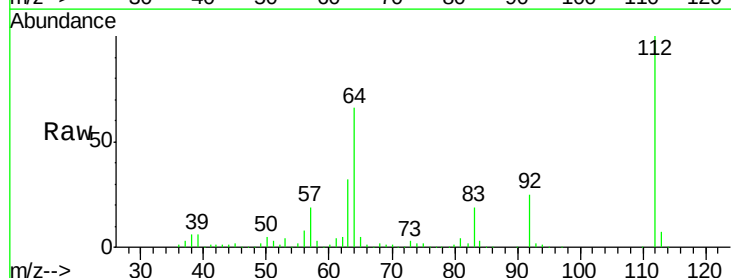
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



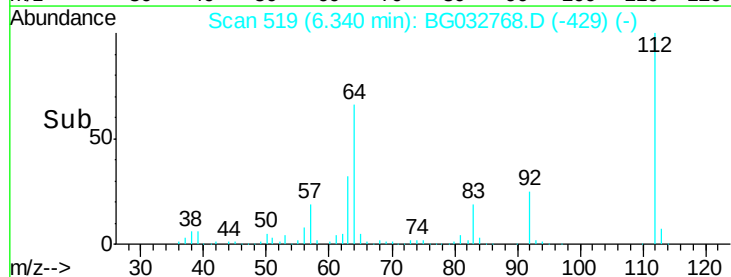
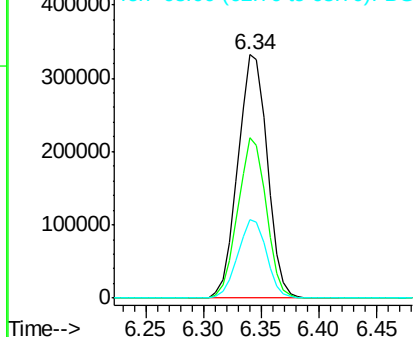
#5

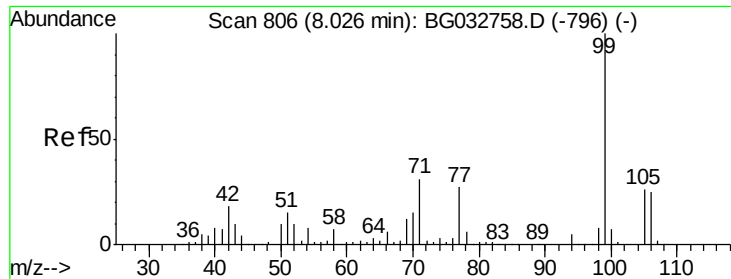
2-Fluorophenol
Concen: 124.456 ng
RT: 6.34 min Scan# 519
Delta R.T. -0.00 min
Lab File: BG032768.D
Acq: 21 Feb 2018 20:20

Tgt Ion:112 Resp: 588381
Ion Ratio Lower Upper
112 100
64 66.1 56.3 84.5
63 32.3 30.1 45.1



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: 104.874 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032768.D

Acq: 21 Feb 2018 20:20

Instrument :

BNA_G

ClientSampled :

TP-2

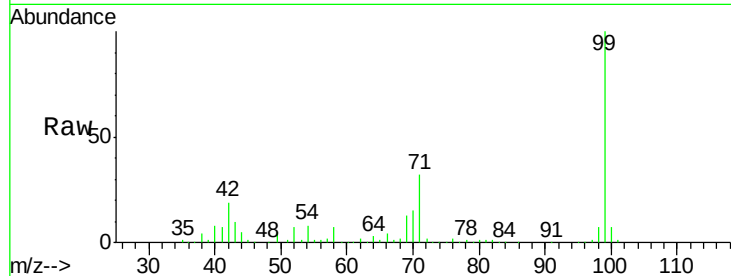
Tot Ion: 99 Resp: 691080

Ion Ratio Lower Upper

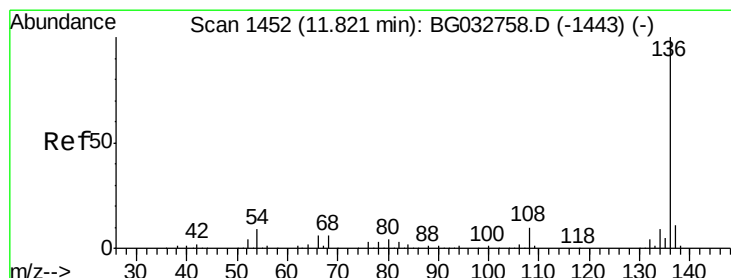
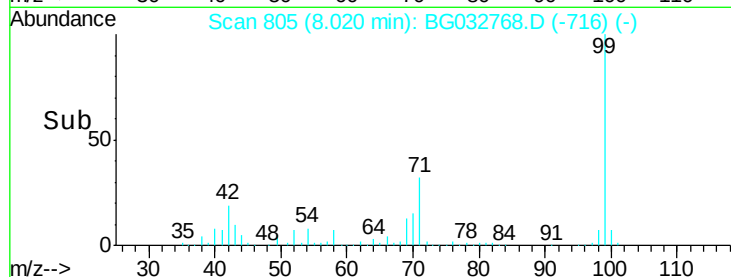
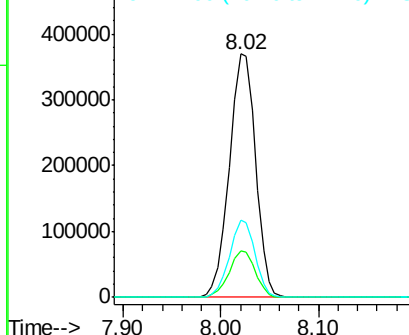
99 100

42 18.9 14.1 21.1

71 31.9 26.1 39.1



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: 11.81 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BG032768.D

Acq: 21 Feb 2018 20:20

Tgt Ion: 136 Resp: 327103

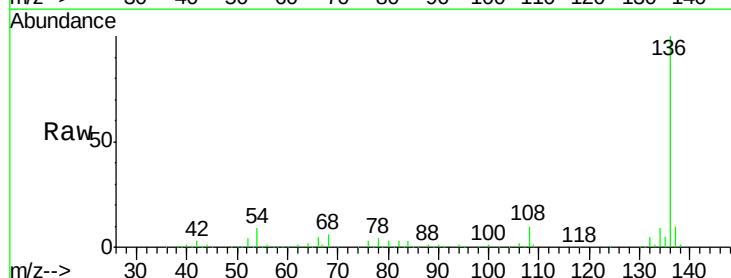
Ion Ratio Lower Upper

136 100

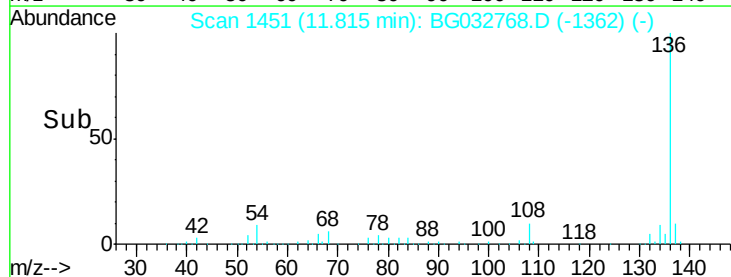
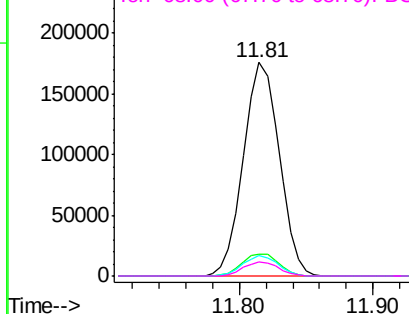
137 10.5 9.2 13.8

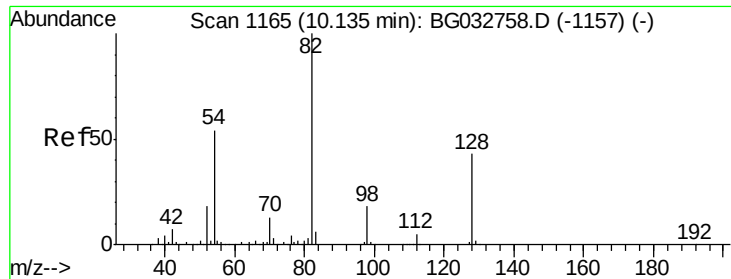
54 9.5 10.3 15.5#

68 6.4 4.5 6.7



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

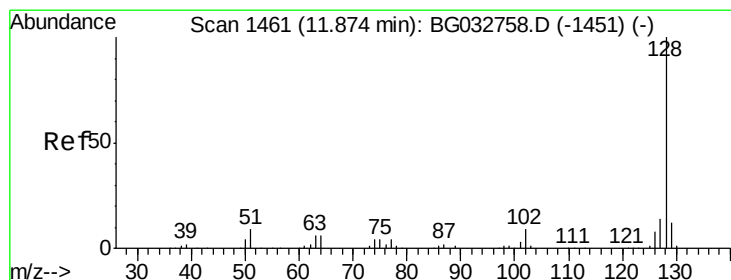
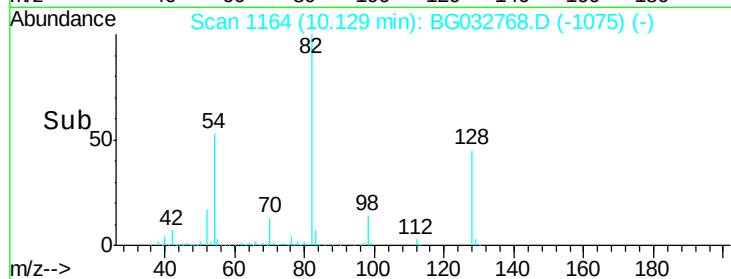
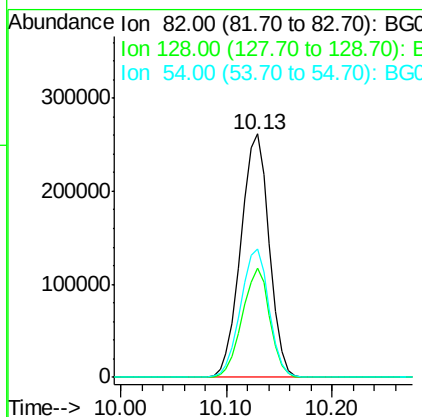
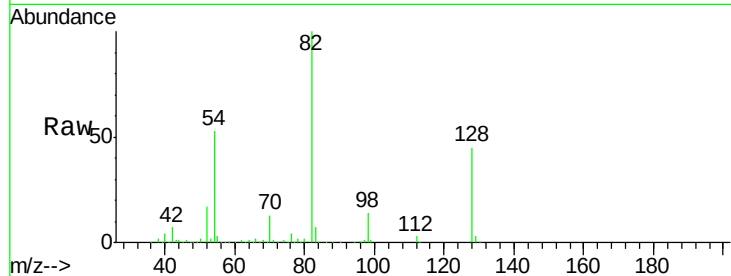




#23
 Nitrobenzene-d5
 Concen: 101.329 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BG032768.D
 Acq: 21 Feb 2018 20:20

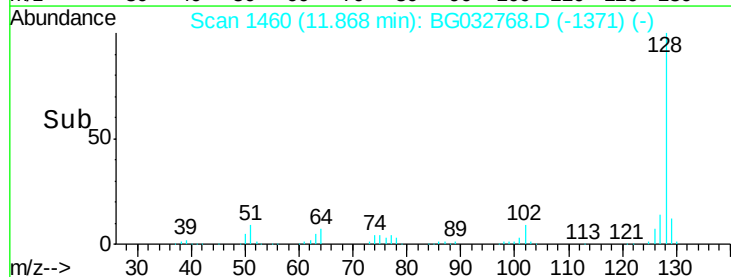
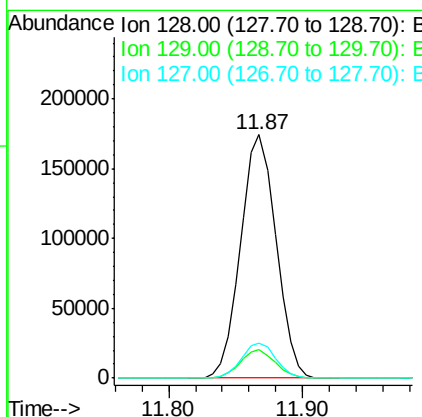
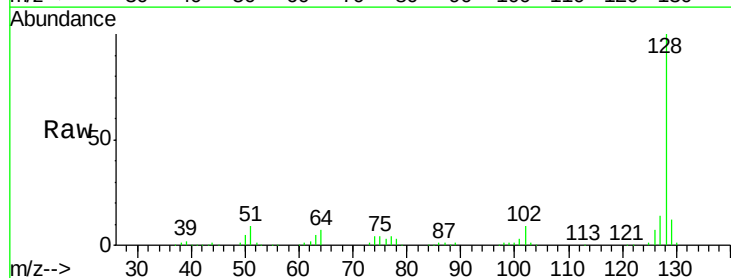
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

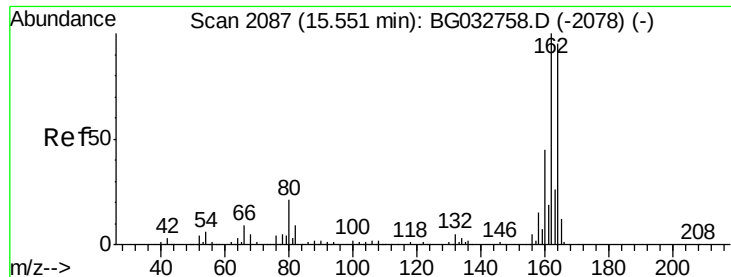
Tot Ion: 82 Resp: 487790
 Ion Ratio Lower Upper
 82 100
 128 44.7 29.7 44.5#
 54 52.8 43.1 64.7



#31
 Naphthalene
 Concen: 18.738 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG032768.D
 Acq: 21 Feb 2018 20:20

Tgt Ion: 128 Resp: 320270
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.6 12.8
 127 14.1 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032768.D

Acq: 21 Feb 2018 20:20

Instrument :

BNA_G

ClientSampleId :

TP-2

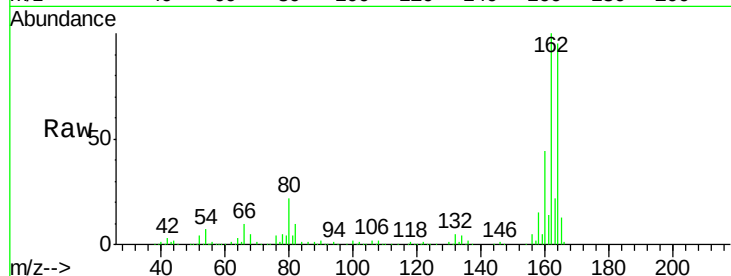
Tot Ion:164 Resp: 179850

Ion Ratio Lower Upper

164 100

162 104.9 78.8 118.2

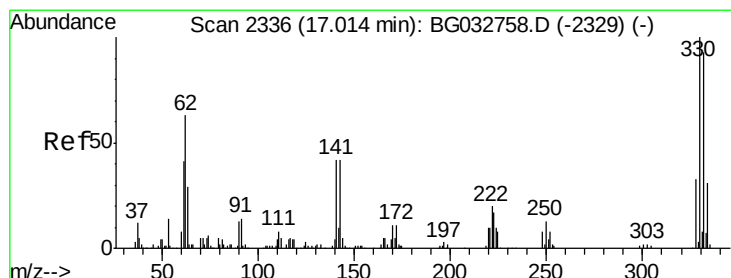
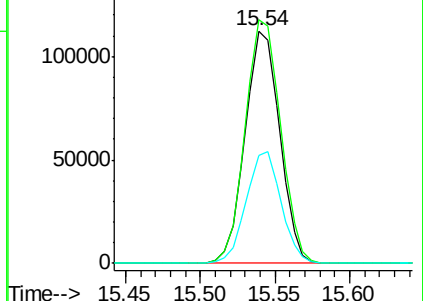
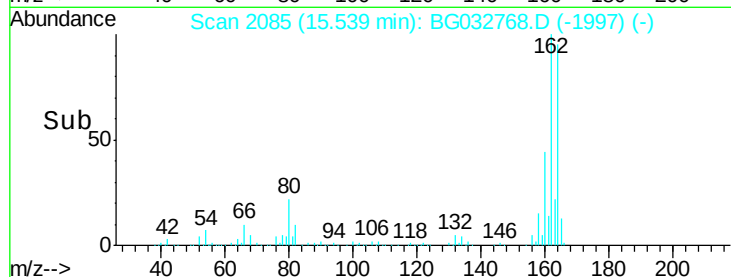
160 46.6 35.4 53.0



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: 149.811 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032768.D

Acq: 21 Feb 2018 20:20

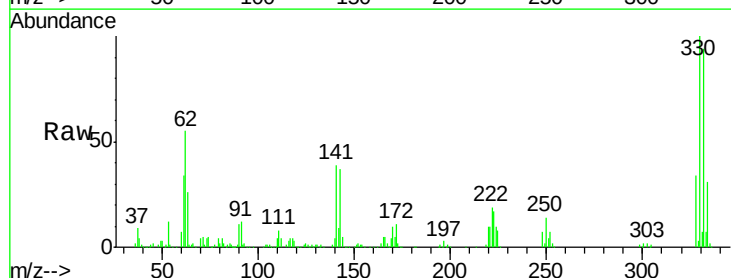
Tgt Ion:330 Resp: 283301

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

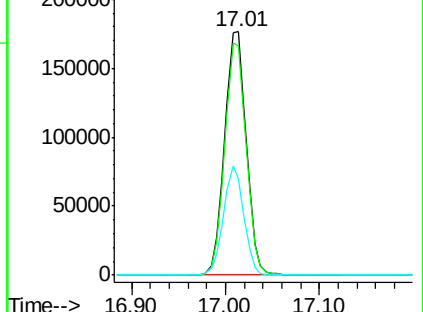
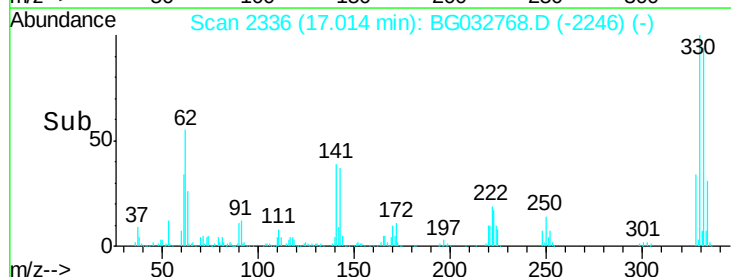
141 42.1 25.2 37.8#

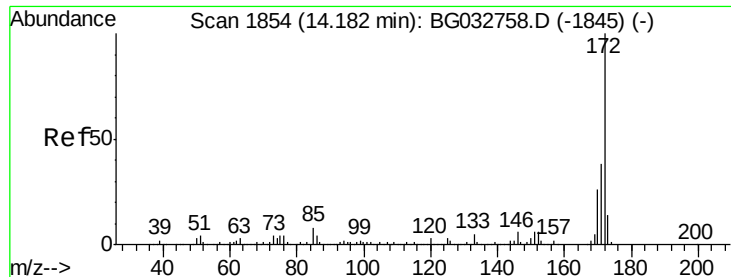


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

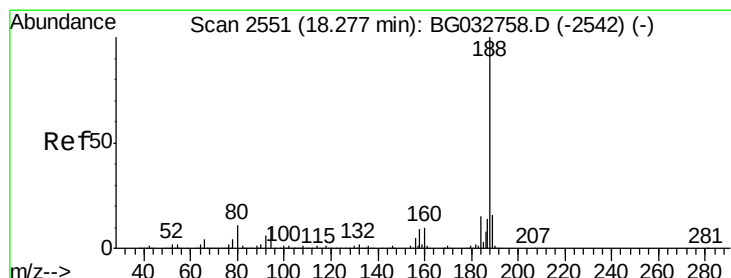
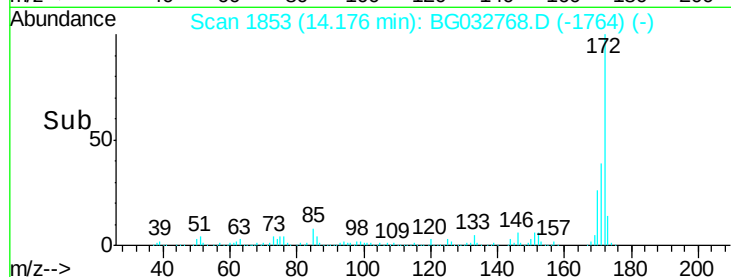
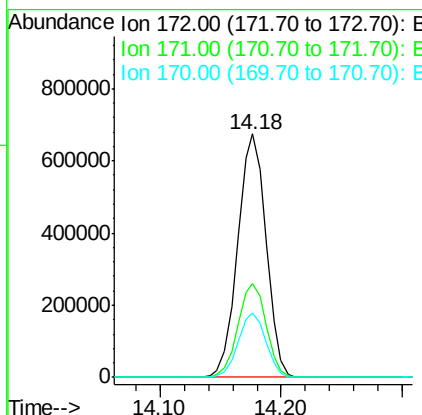
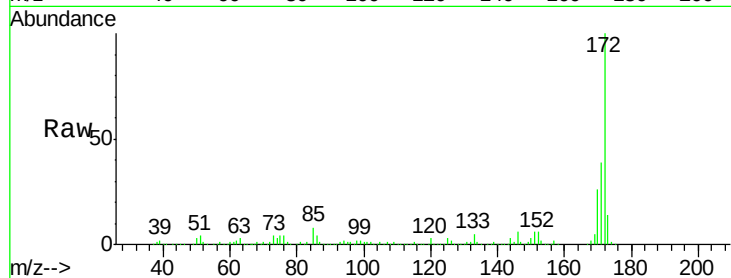




#44
 2-Fluorobiphenyl
 Concen: 88.237 ng
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032768.D
 Acq: 21 Feb 2018 20:20

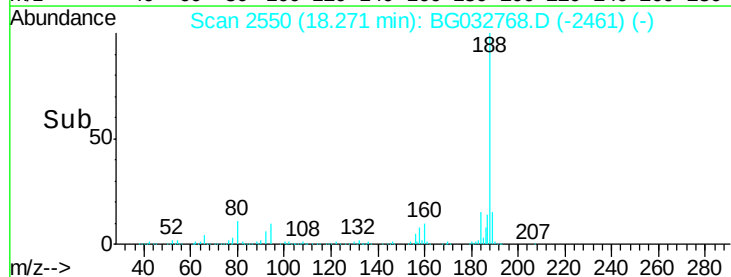
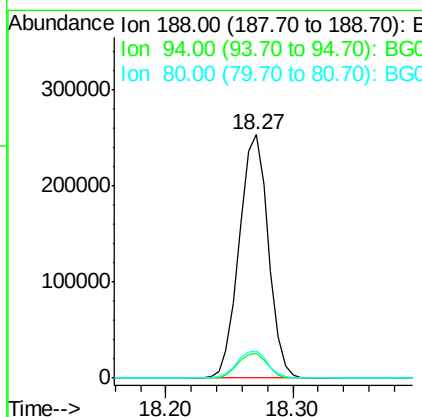
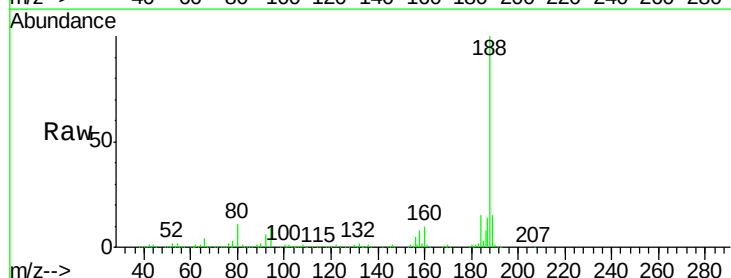
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

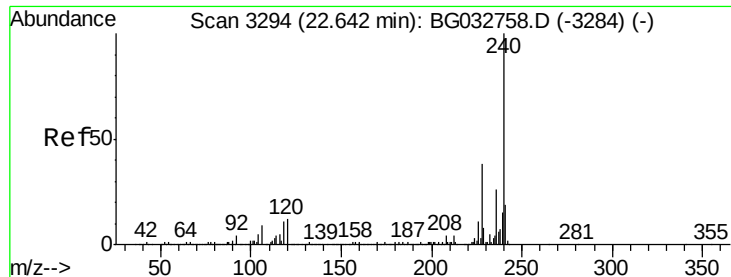
Tot Ion:172 Resp: 1100324
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 26.5 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. -0.01 min
 Lab File: BG032768.D
 Acq: 21 Feb 2018 20:20

Tgt Ion:188 Resp: 401668
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.9 10.3#
 80 11.4 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.02 min

Lab File: BG032768.D

Acq: 21 Feb 2018 20:20

Instrument :

BNA_G

ClientSampleId :

TP-2

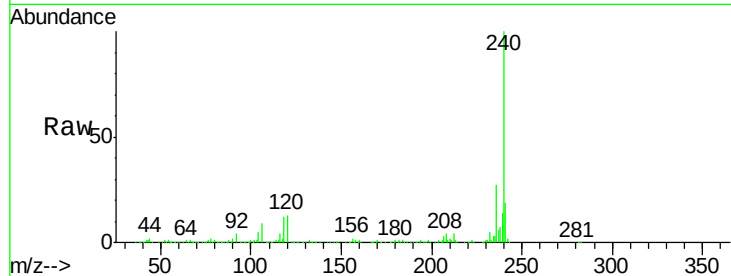
Tot Ion:240 Resp: 391438

Ion Ratio Lower Upper

240 100

120 13.3 6.8 10.2#

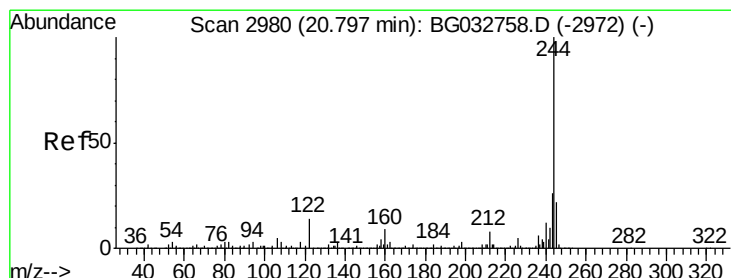
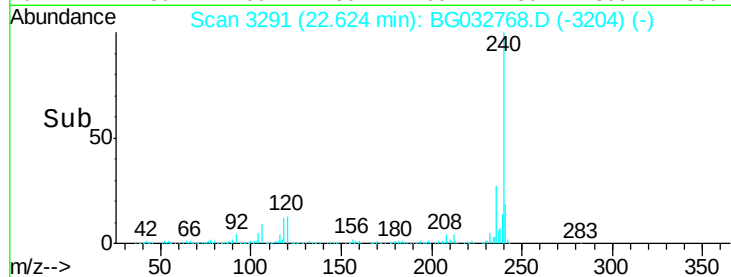
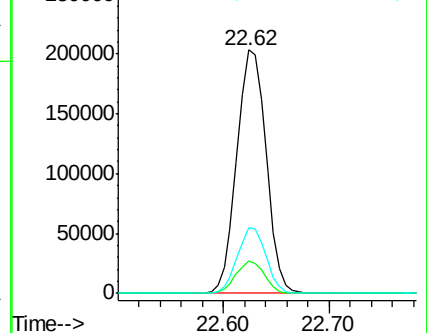
236 27.1 20.9 31.3



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: 90.090 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032768.D

Acq: 21 Feb 2018 20:20

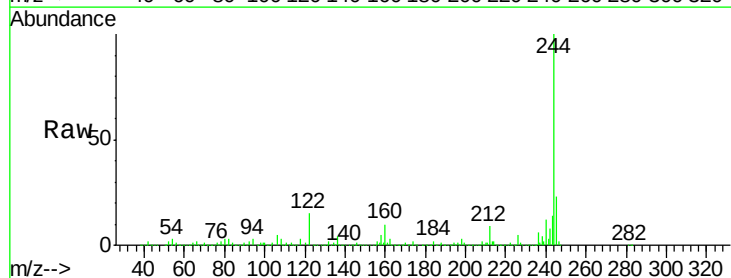
Tgt Ion:244 Resp: 1569606

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

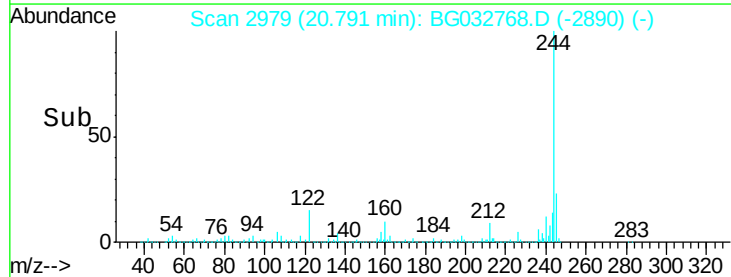
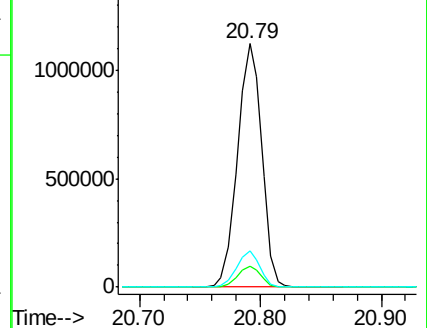
122 14.9 7.0 10.4#

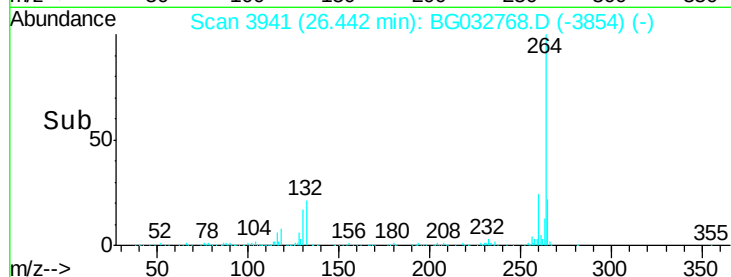
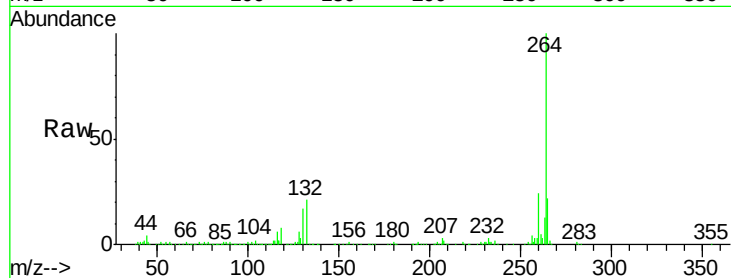
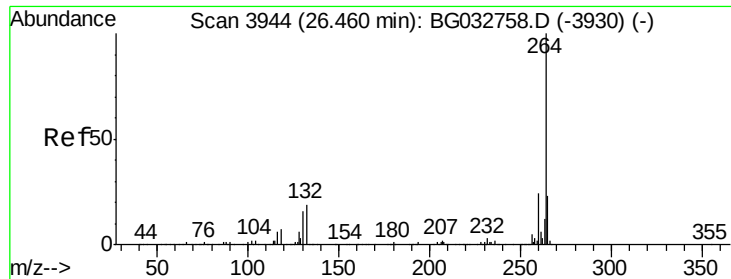


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BG032768.D
Acq: 21 Feb 2018 20:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:	264	Resp:	418170
Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.7	17.7	26.5

