

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032778.D
 Acq On : 22 Feb 2018 4:08
 Operator : SJ/JU
 Sample : J1623-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9-10

Quant Time: Feb 22 07:39:47 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

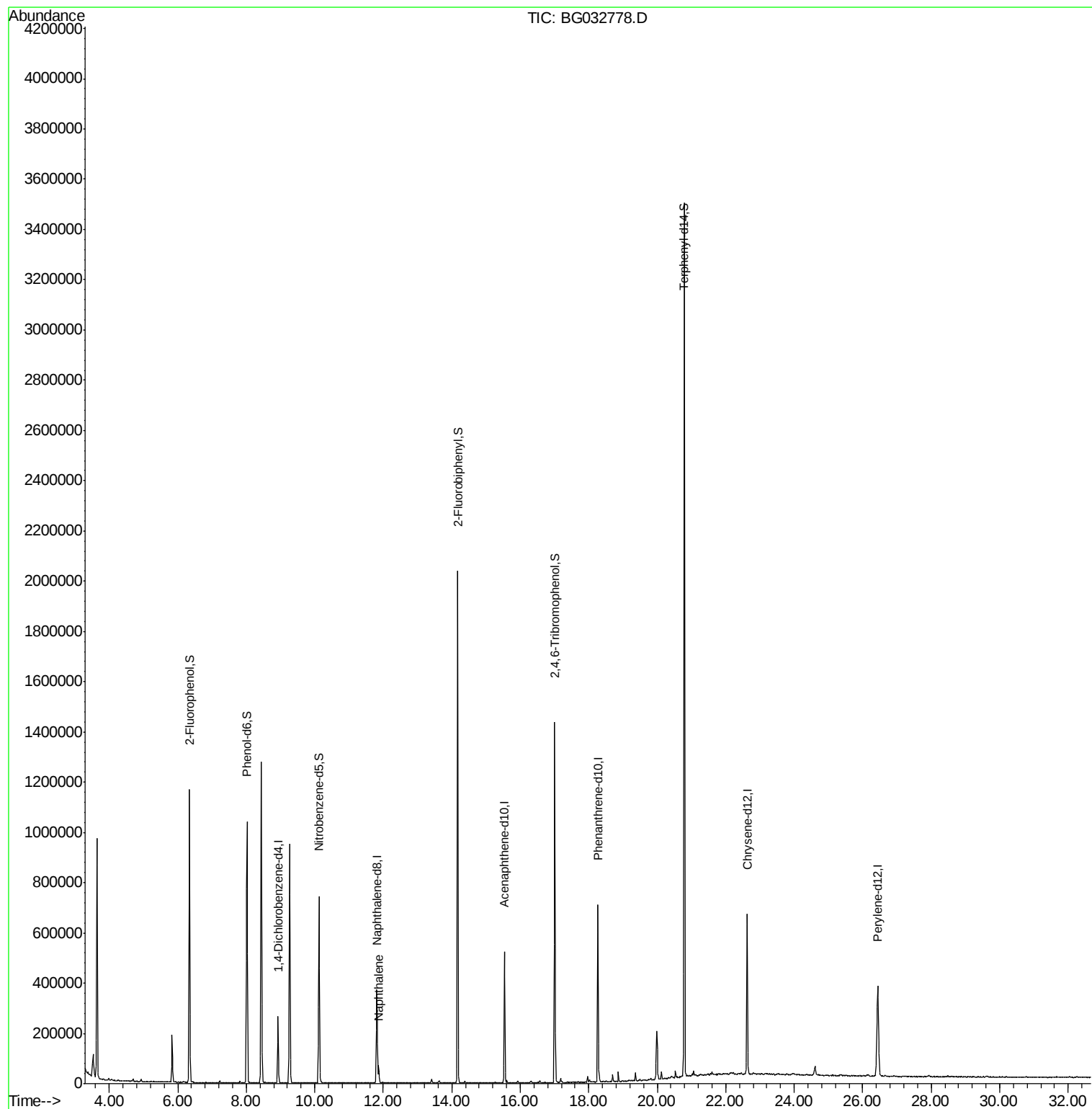
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	77664	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	334716	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	182525	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	413634	20.00	ng	0.00
75) Chrysene-d12	22.63	240	402970	20.00	ng	-0.02
86) Perylene-d12	26.44	264	436021	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	572748	117.98	ng	0.00
7) Phenol-d6	8.02	99	672843	99.44	ng	0.00
23) Nitrobenzene-d5	10.13	82	465272	95.13	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	265971	138.59	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1060386	83.79	ng	0.00
78) Terphenyl-d14	20.79	244	1562766	87.13	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	61591	3.521	ng	Qvalue 97

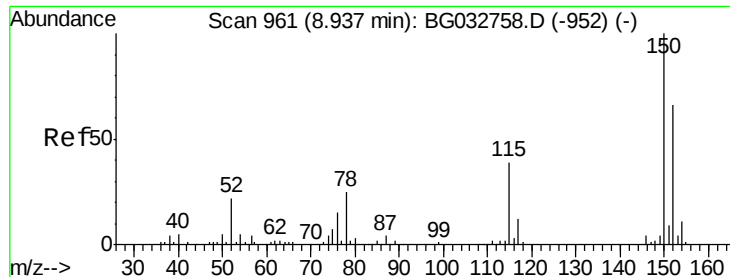
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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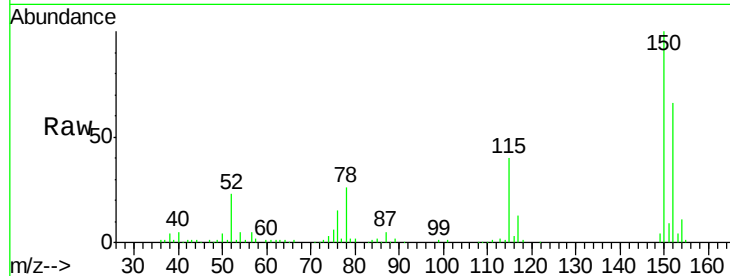


#1

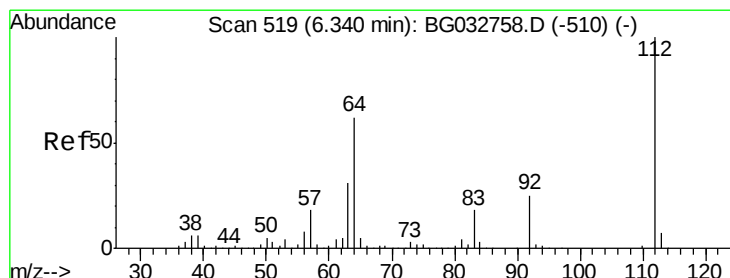
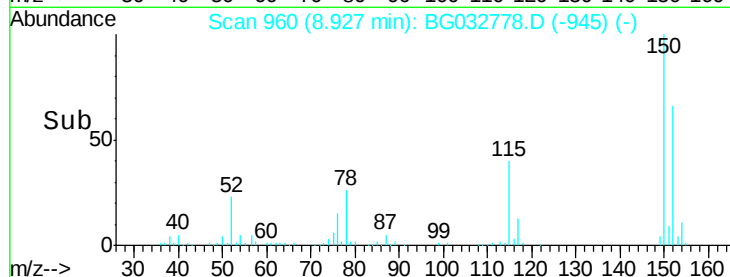
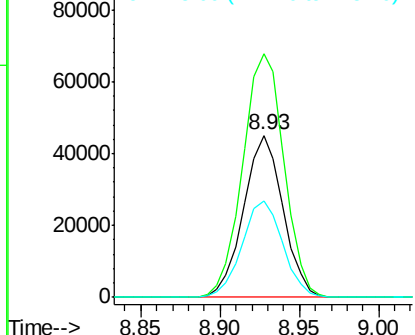
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :
TP-9-10

Tot Ion:152 Resp: 77664
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 59.9 53.0 79.4



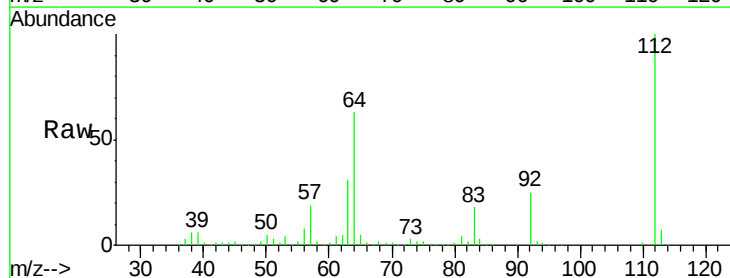
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



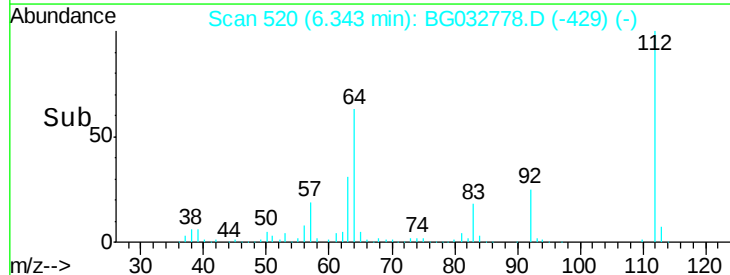
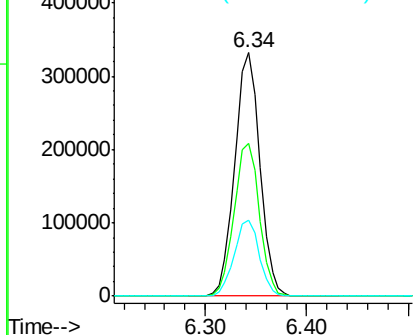
#5

2-Fluorophenol
Concen: 117.984 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Tgt Ion:112 Resp: 572748
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 31.4 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: 99.439 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

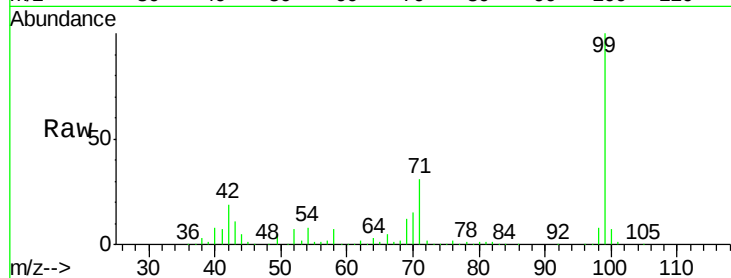
Tot Ion: 99 Resp: 672843

Ion Ratio Lower Upper

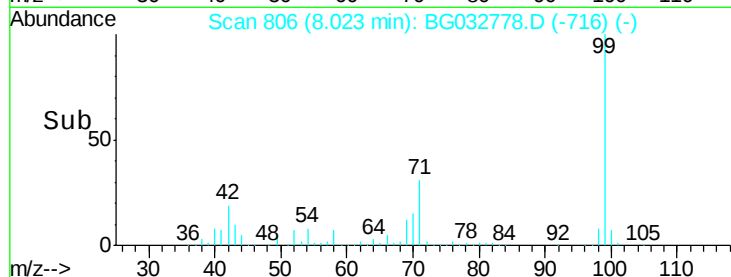
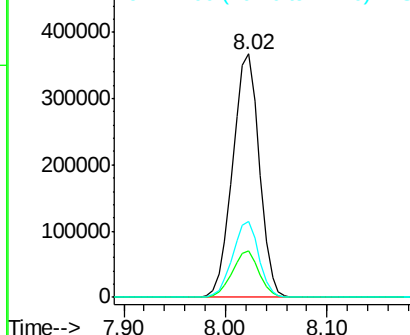
99 100

42 18.9 14.1 21.1

71 31.4 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: BG032778.D

Acq: 22 Feb 2018 4:08

Tgt Ion: 136 Resp: 334716

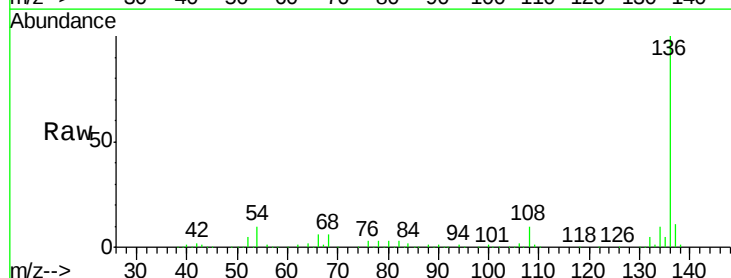
Ion Ratio Lower Upper

136 100

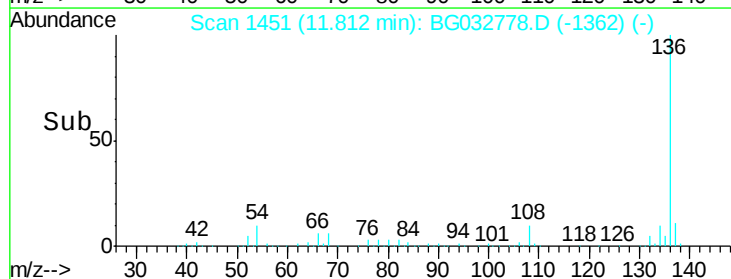
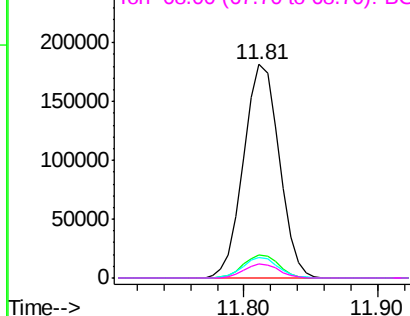
137 11.0 9.2 13.8

54 9.6 10.3 15.5#

68 6.3 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: 95.126 ng

RT: 10.13 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

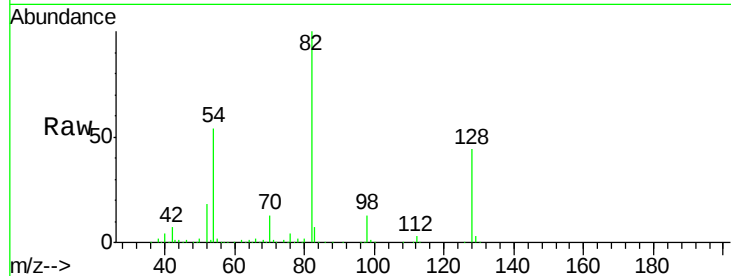
Tot Ion: 82 Resp: 465272

Ion Ratio Lower Upper

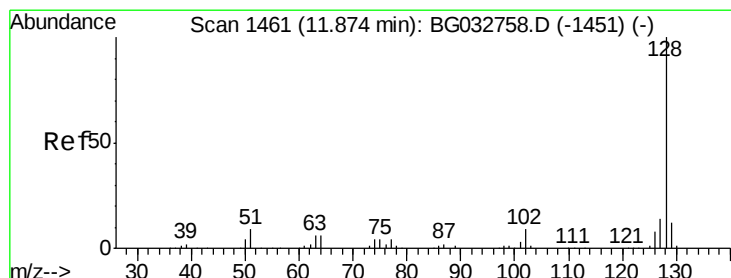
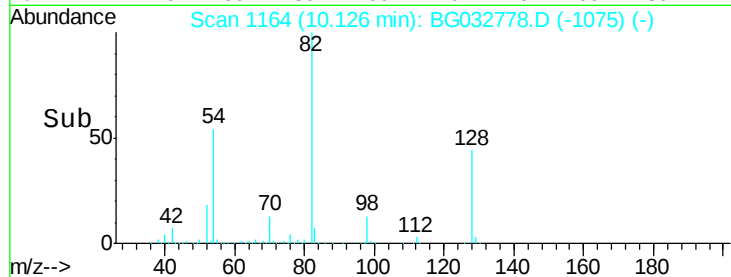
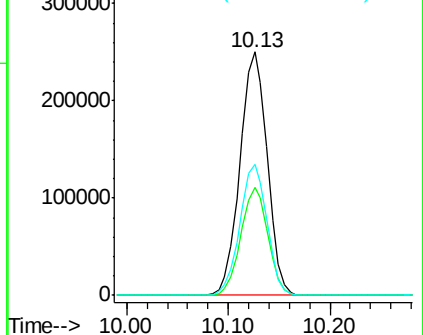
82 100

128 44.4 29.7 44.5

54 53.9 43.1 64.7



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: 3.521 ng

RT: 11.86 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

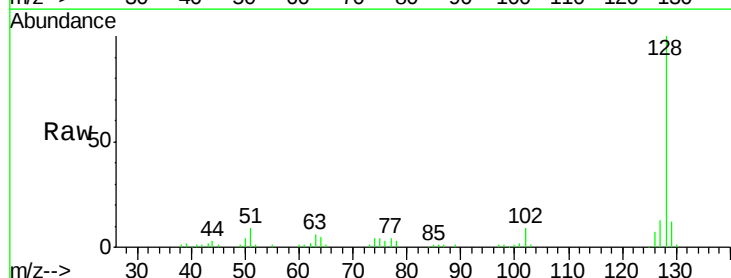
Tgt Ion: 128 Resp: 61591

Ion Ratio Lower Upper

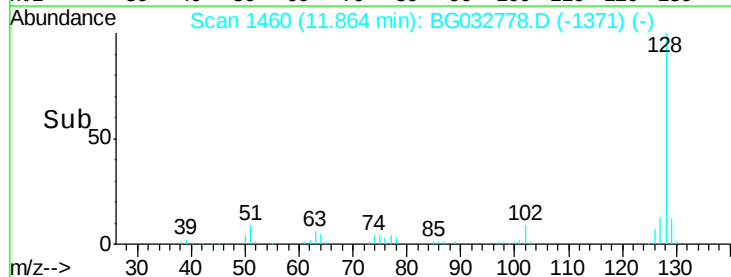
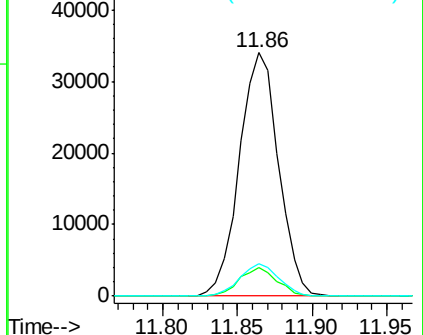
128 100

129 11.8 8.6 12.8

127 13.1 11.6 17.4



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: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

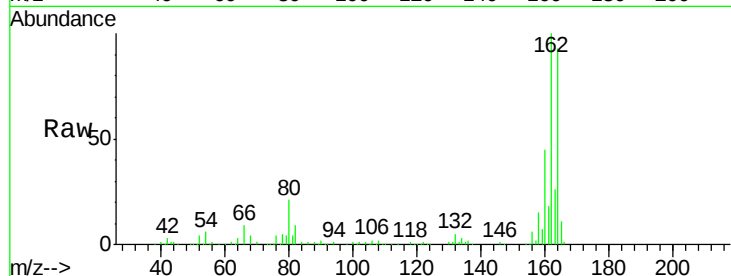
Tot Ion:164 Resp: 182525

Ion Ratio Lower Upper

164 100

162 107.4 78.8 118.2

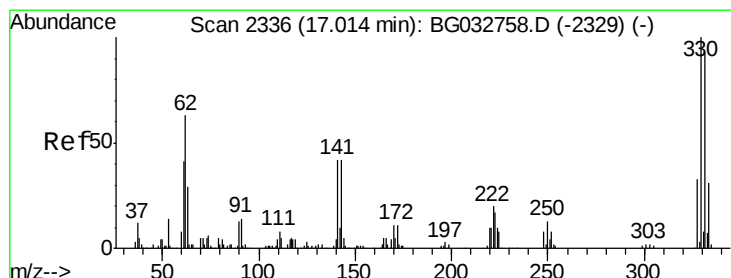
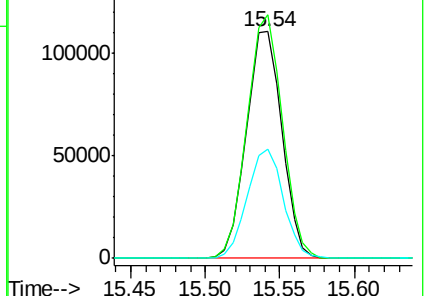
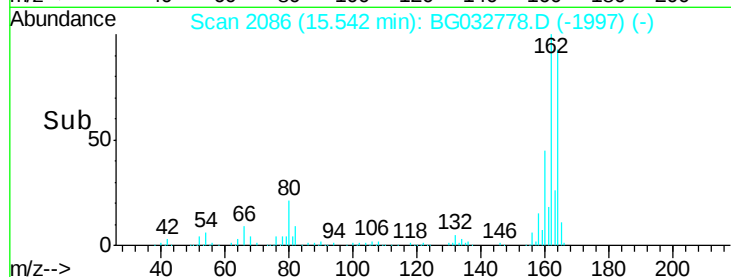
160 48.4 35.4 53.0



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: 138.585 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

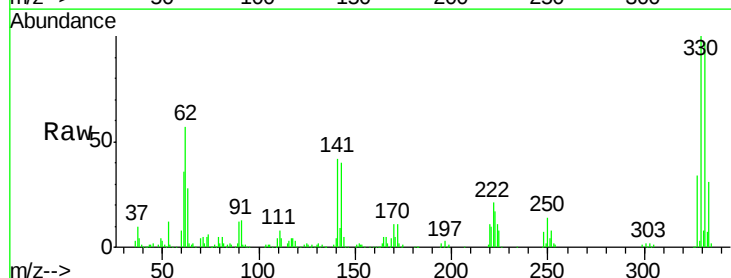
Tgt Ion:330 Resp: 265971

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

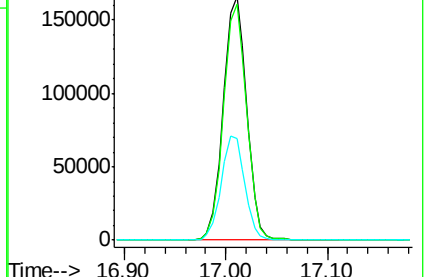
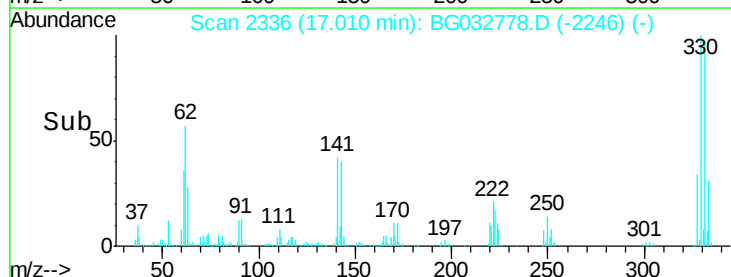
141 42.8 25.2 37.8#



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: 83.788 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

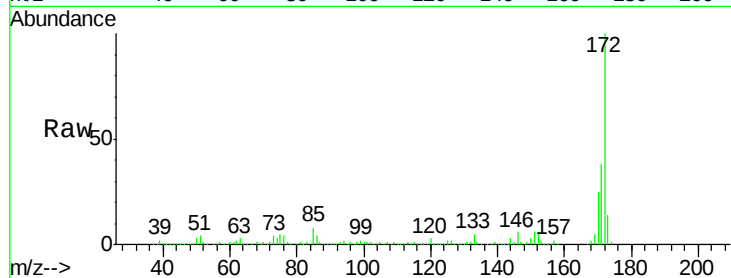
Tot Ion:172 Resp: 1060386

Ion Ratio Lower Upper

172 100

171 38.2 30.0 45.0

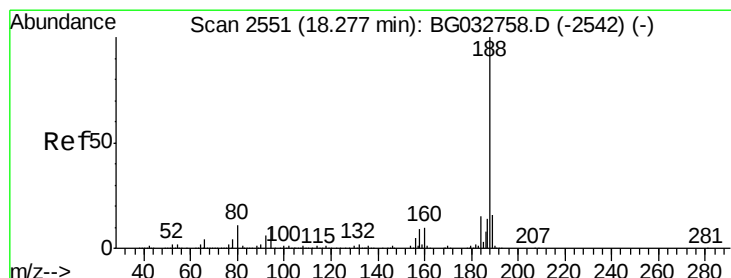
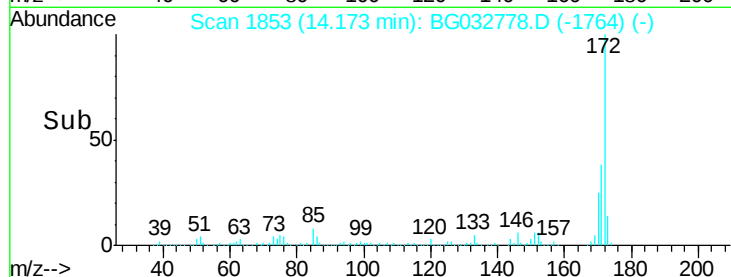
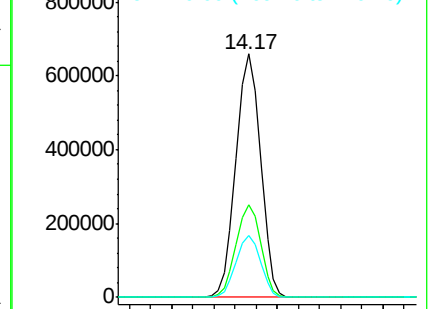
170 25.3 19.5 29.3



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: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

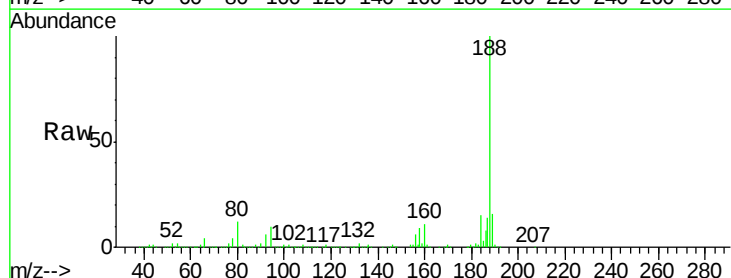
Tgt Ion:188 Resp: 413634

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

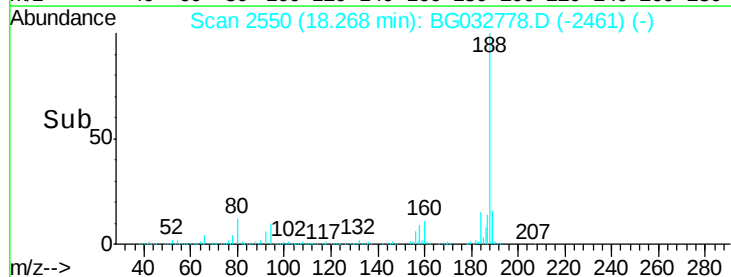
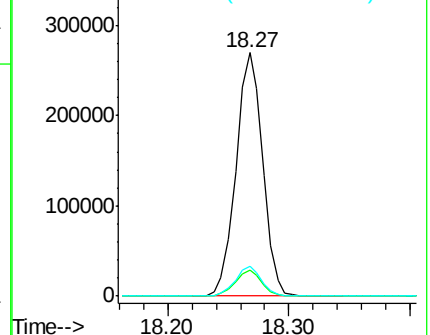
80 12.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

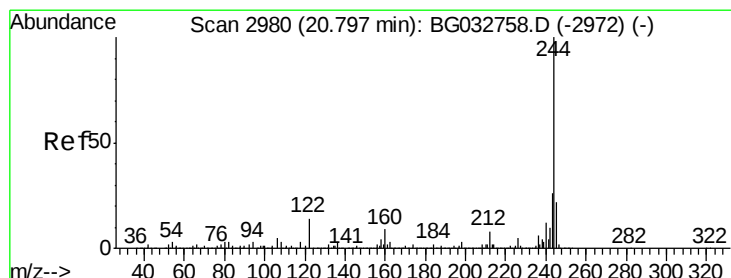
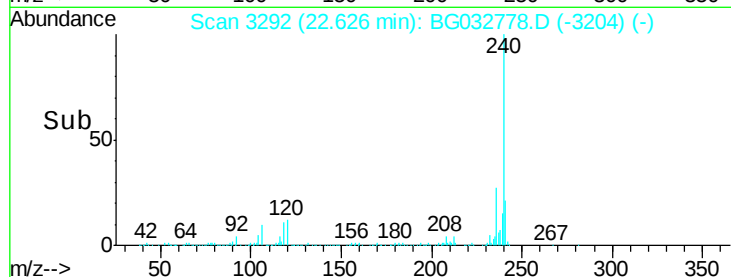
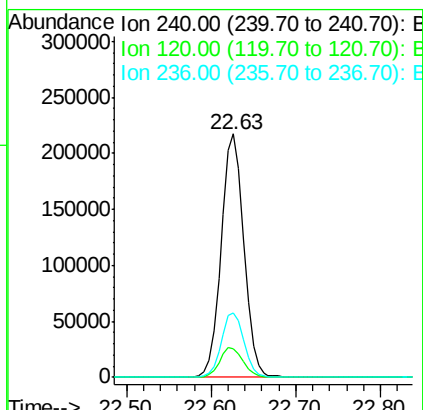
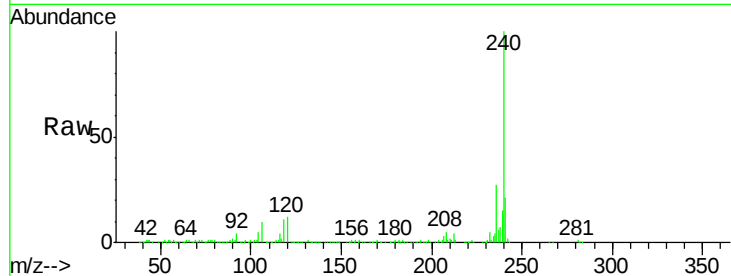




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. -0.02 min
 Lab File: BG032778.D
 Acq: 22 Feb 2018 4:08

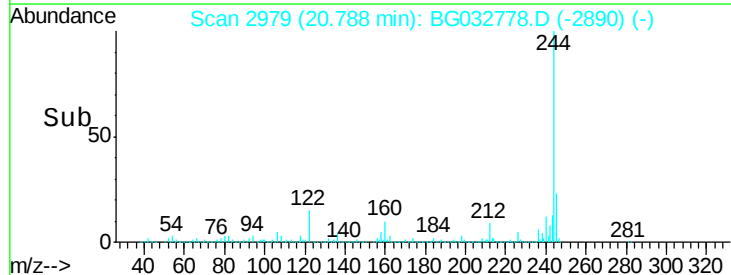
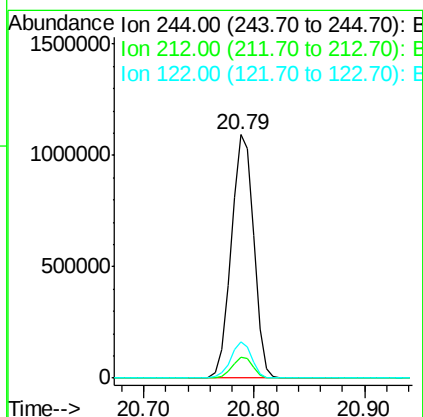
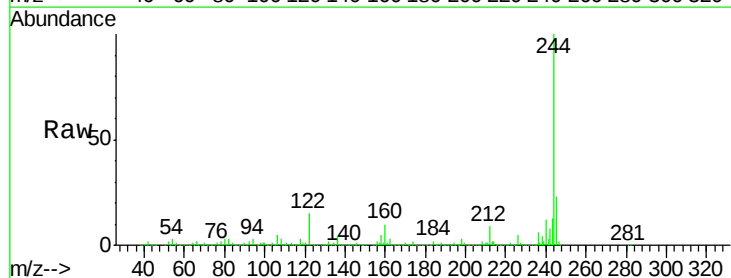
Instrument :
 BNA_G
 ClientSampled :
 TP-9-10

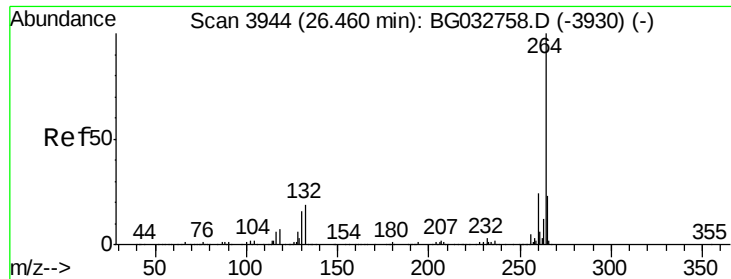
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	6.8	10.2#
236	26.7	20.9	31.3



#78
 Terphenyl-d14
 Concen: 87.131 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG032778.D
 Acq: 22 Feb 2018 4:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	14.8	7.0	10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :
TP-9-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.9	17.7	26.5

