

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022218\
 Data File : BG032783.D
 Acq On : 22 Feb 2018 16:27
 Operator : SJ/JU
 Sample : J1635-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-3FT

Quant Time: Feb 22 18:09:22 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

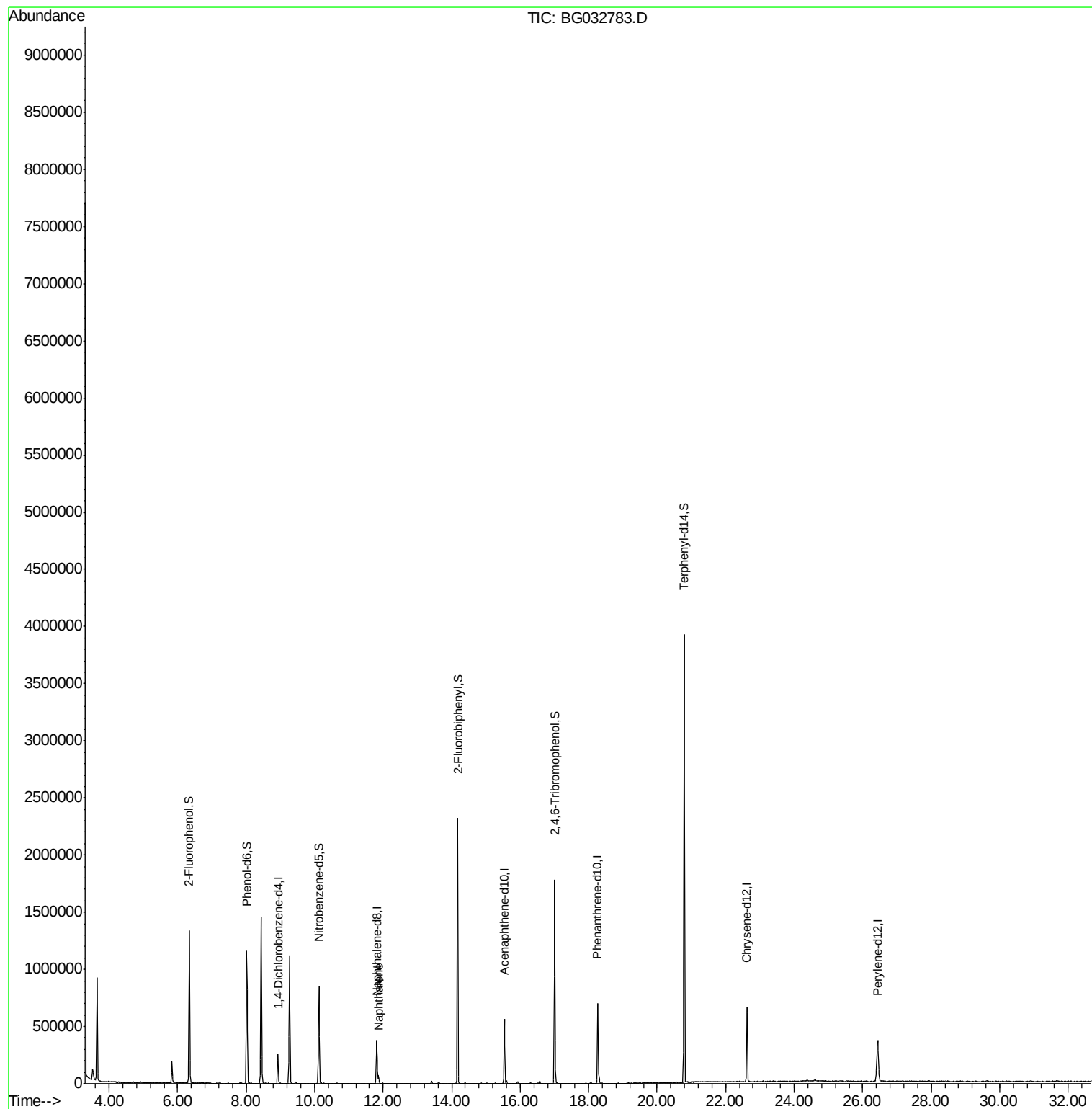
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	77283	20.00	ng	-0.01
21) Naphthalene-d8	11.81	136	337061	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	187655	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	428460	20.00	ng	-0.01
75) Chrysene-d12	22.62	240	400814	20.00	ng	-0.02
86) Perylene-d12	26.43	264	423233	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	655352	135.67	ng	0.00
7) Phenol-d6	8.02	99	768564	114.15	ng	0.00
23) Nitrobenzene-d5	10.13	82	542873	108.65	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	311948	158.10	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1211518	93.11	ng	0.00
78) Terphenyl-d14	20.79	244	1734048	97.20	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	66851	3.796	ng	Qvalue 98

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

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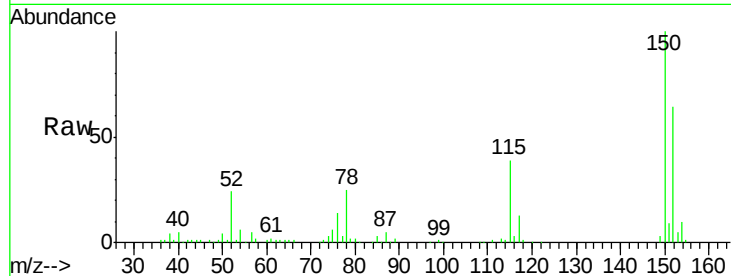


#1

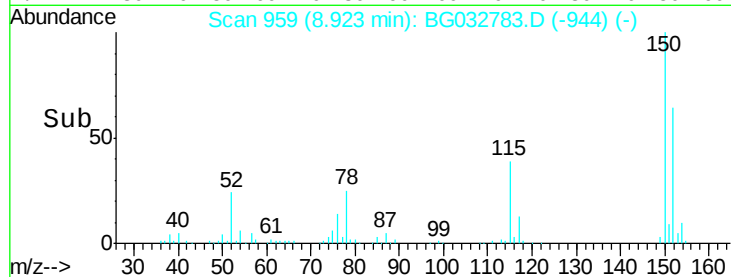
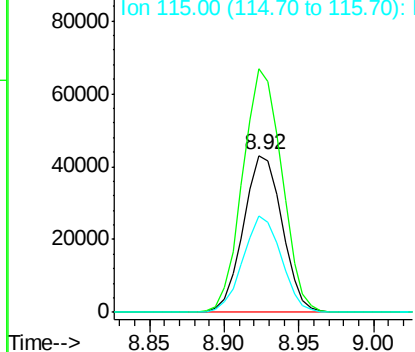
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032783.D
Acq: 22 Feb 2018 16:27

Instrument :
BNA_G
ClientSampleId :
TP-1-3FT

Tot Ion:152 Resp: 77283
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 61.1 53.0 79.4



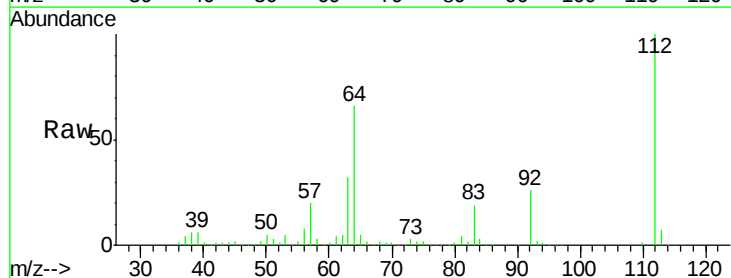
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



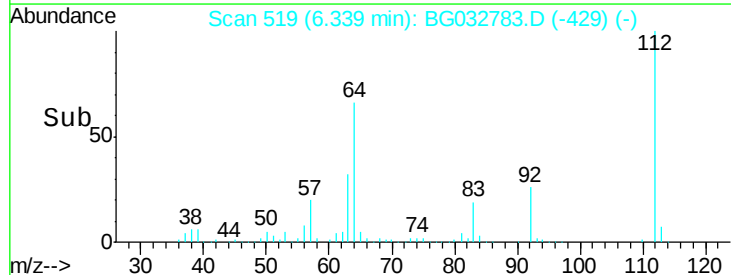
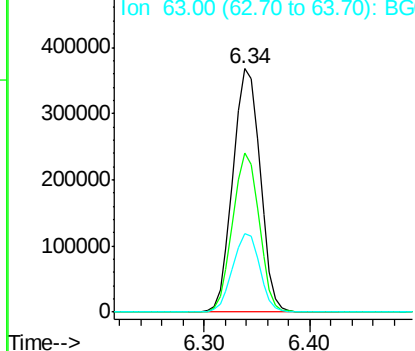
#5

2-Fluorophenol
Concen: 135.666 ng
RT: 6.34 min Scan# 519
Delta R.T. -0.00 min
Lab File: BG032783.D
Acq: 22 Feb 2018 16:27

Tgt Ion:112 Resp: 655352
Ion Ratio Lower Upper
112 100
64 65.5 56.3 84.5
63 32.5 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: 114.145 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032783.D

Acq: 22 Feb 2018 16:27

Instrument :

BNA_G

ClientSampleId :

TP-1-3FT

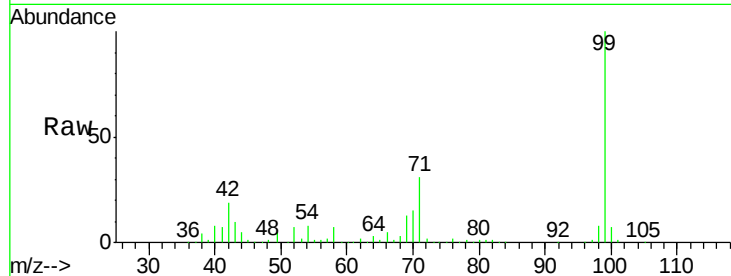
Tot Ion: 99 Resp: 768564

Ion Ratio Lower Upper

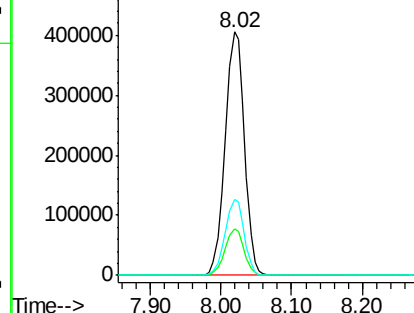
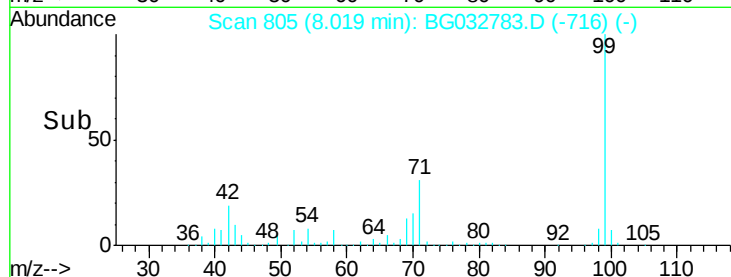
99 100

42 19.3 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: BG032783.D

Acq: 22 Feb 2018 16:27

Tgt Ion: 136 Resp: 337061

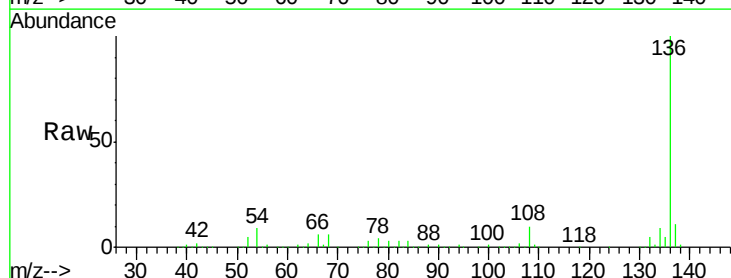
Ion Ratio Lower Upper

136 100

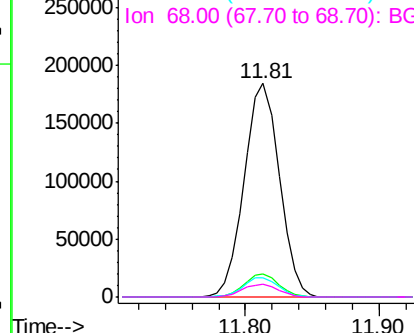
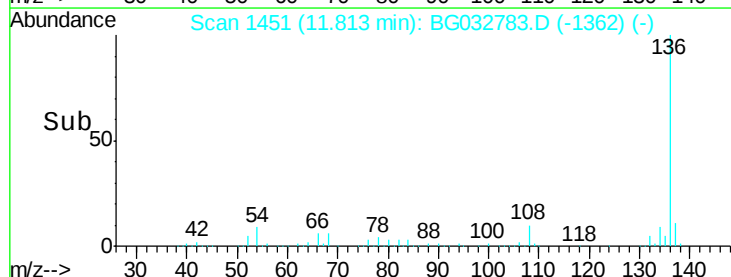
137 11.1 9.2 13.8

54 9.0 10.3 15.5#

68 6.2 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: 108.647 ng

RT: 10.13 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG032783.D

Acq: 22 Feb 2018 16:27

Instrument :

BNA_G

ClientSampleId :

TP-1-3FT

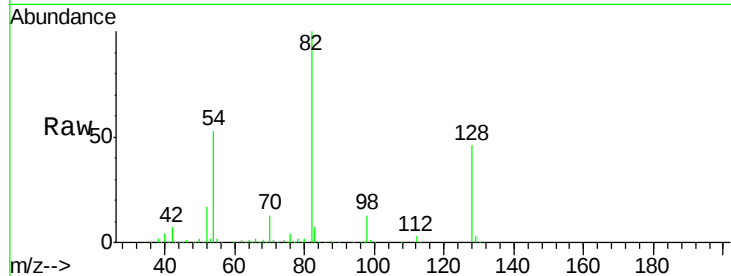
Tot Ion: 82 Resp: 542873

Ion Ratio Lower Upper

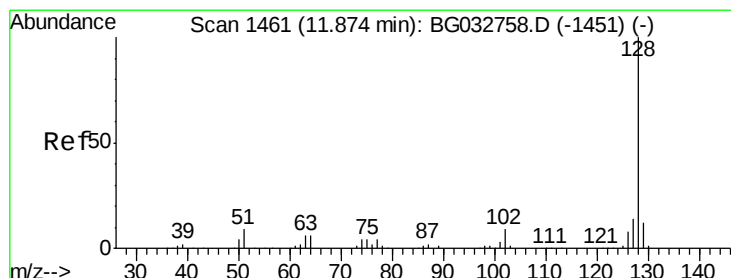
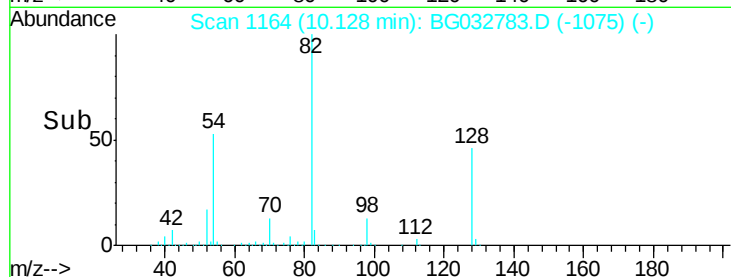
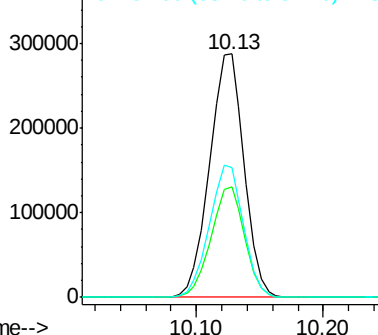
82 100

128 45.6 29.7 44.5#

54 53.5 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: 3.796 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG032783.D

Acq: 22 Feb 2018 16:27

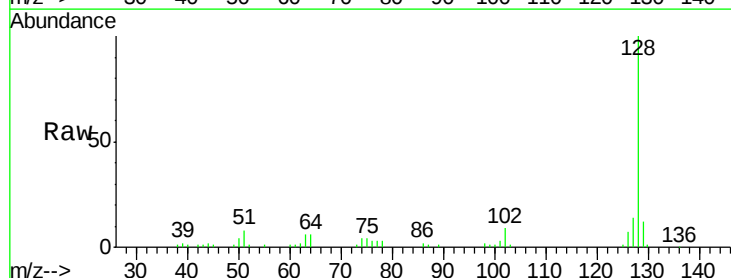
Tgt Ion: 128 Resp: 66851

Ion Ratio Lower Upper

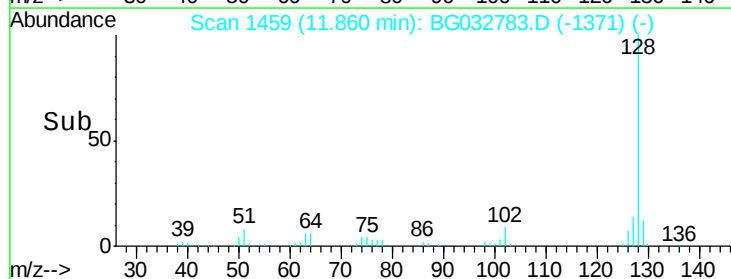
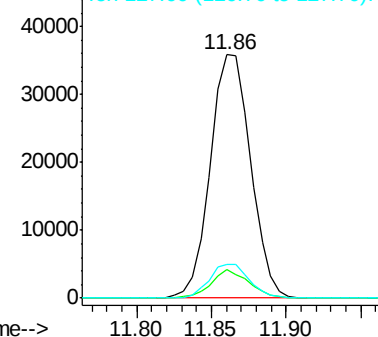
128 100

129 11.6 8.6 12.8

127 14.0 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# 2085

Delta R.T. -0.01 min

Lab File: BG032783.D

Acq: 22 Feb 2018 16:27

Instrument :

BNA_G

ClientSampleId :

TP-1-3FT

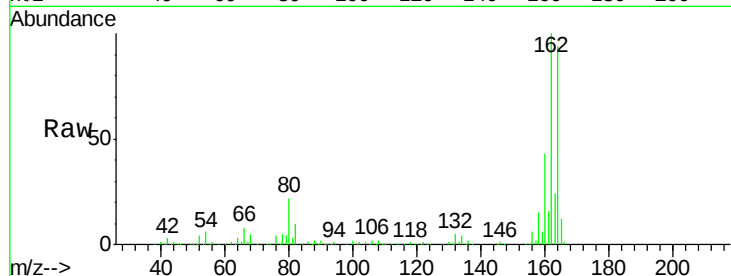
Tot Ion:164 Resp: 187655

Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

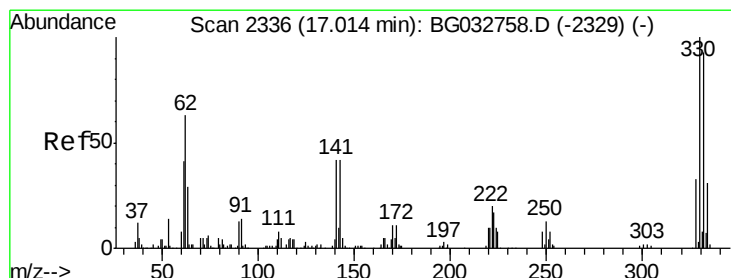
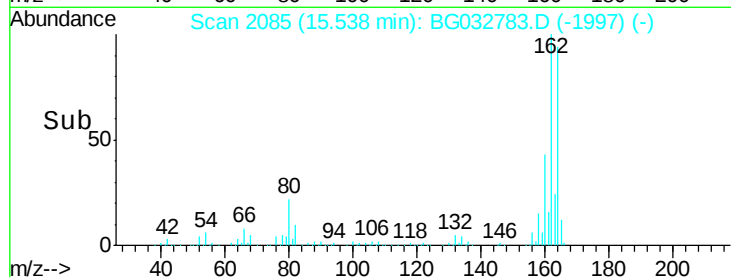
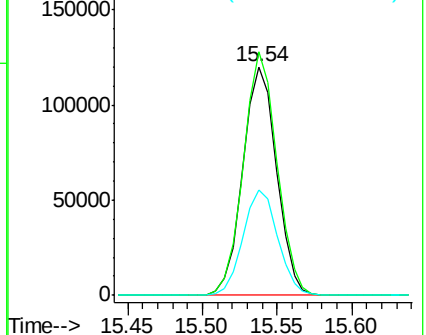
160 46.0 35.4 53.0



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: 158.098 ng

RT: 17.01 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032783.D

Acq: 22 Feb 2018 16:27

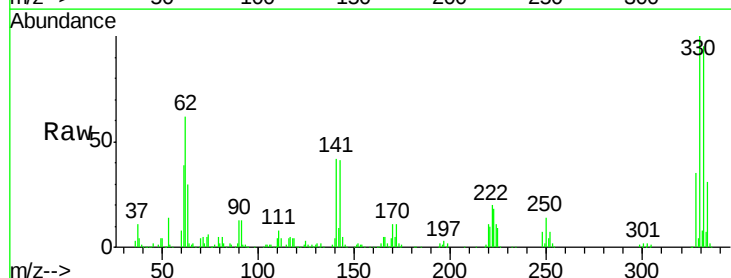
Tgt Ion:330 Resp: 311948

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

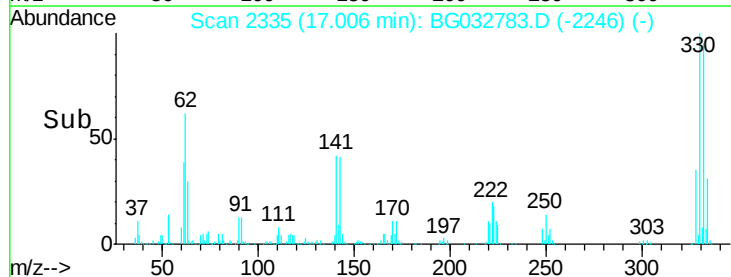
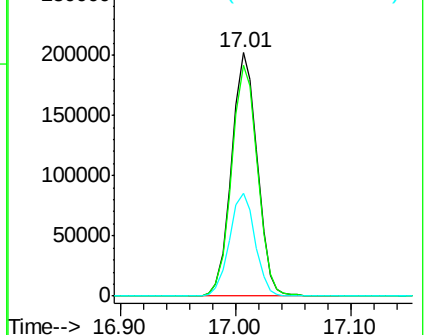
141 42.1 25.2 37.8#



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

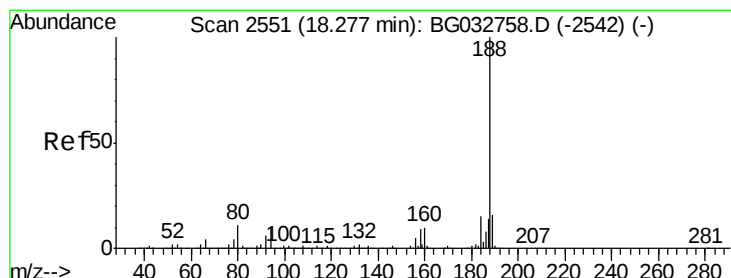
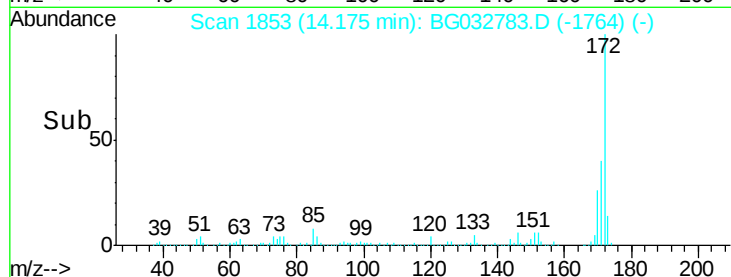
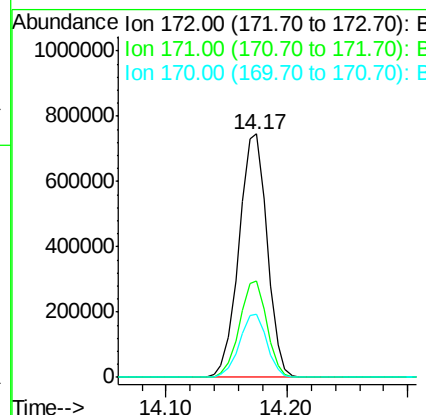
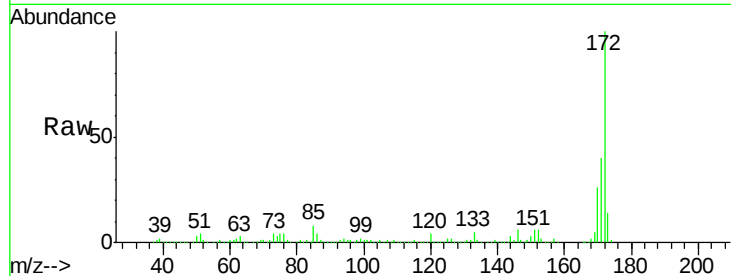




#44
2-Fluorobiphenyl
Concen: 93.113 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG032783.D
Acq: 22 Feb 2018 16:27

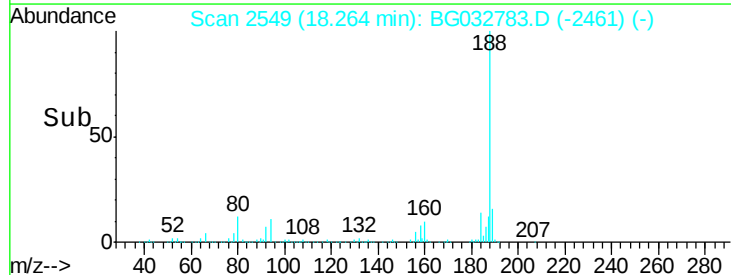
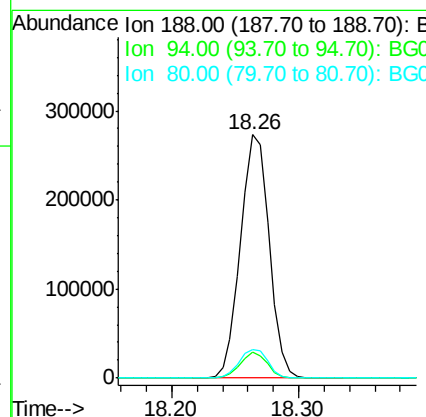
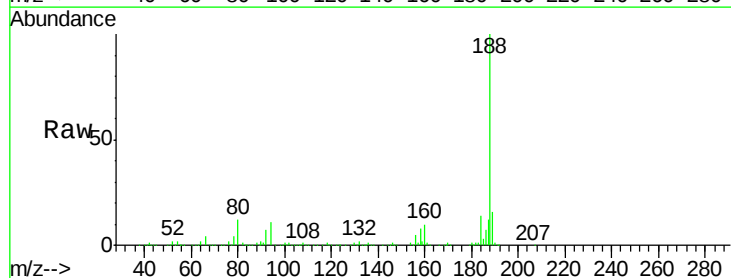
Instrument :
BNA_G
ClientSampleId :
TP-1-3FT

Tot Ion:172 Resp: 1211518
Ion Ratio Lower Upper
172 100
171 39.7 30.0 45.0
170 25.9 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032783.D
Acq: 22 Feb 2018 16:27

Tgt Ion:188 Resp: 428460
Ion Ratio Lower Upper
188 100
94 10.5 6.9 10.3#
80 11.9 7.7 11.5#

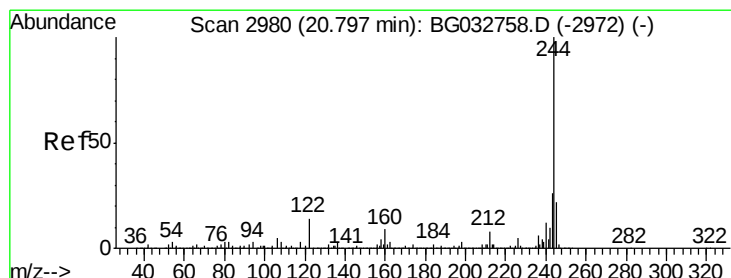
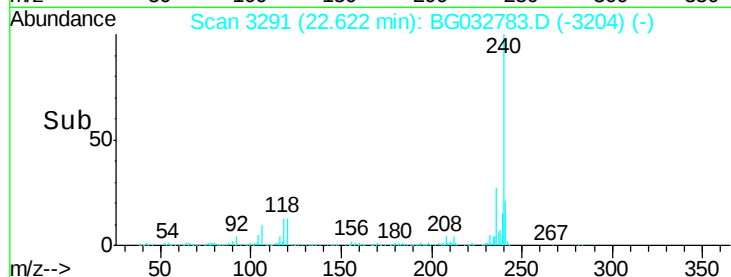
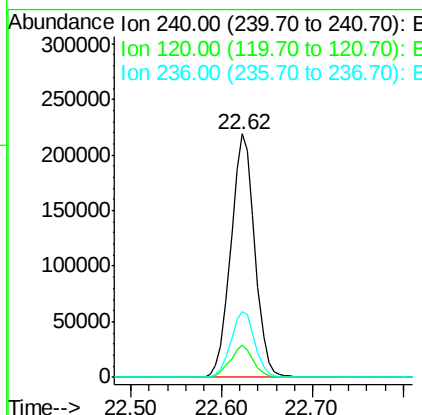
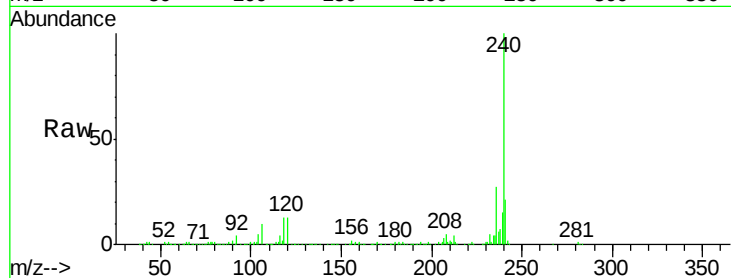




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.02 min
 Lab File: BG032783.D
 Acq: 22 Feb 2018 16:27

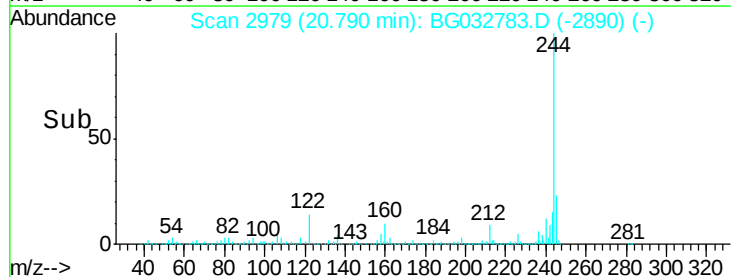
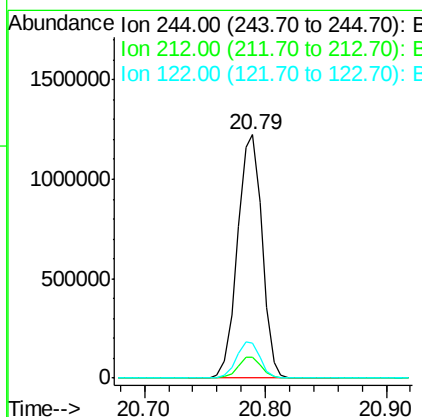
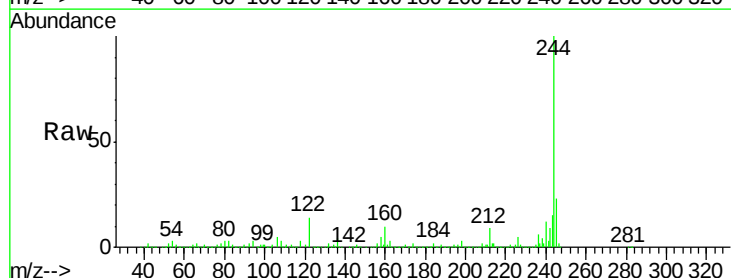
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-3FT

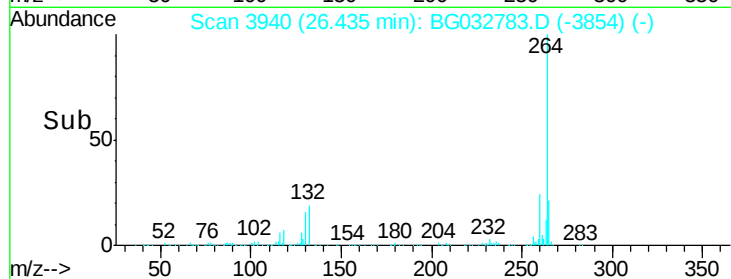
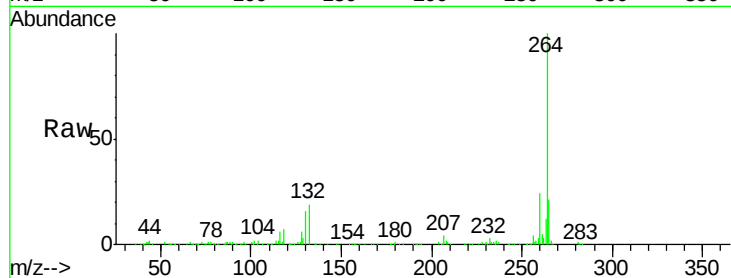
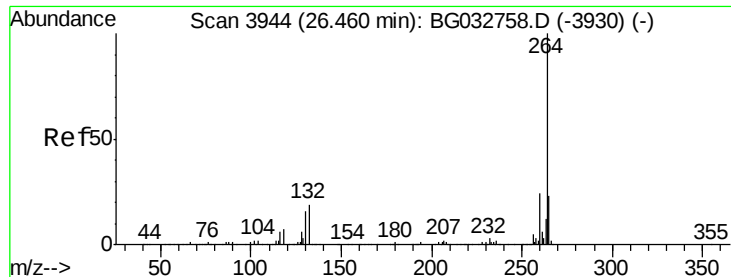
Tot Ion:240 Resp: 400814
 Ion Ratio Lower Upper
 240 100
 120 13.3 6.8 10.2#
 236 27.0 20.9 31.3



#78
 Terphenyl-d14
 Concen: 97.201 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG032783.D
 Acq: 22 Feb 2018 16:27

Tgt Ion:244 Resp: 1734048
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 14.5 7.0 10.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.43 min Scan# 3940

Delta R.T. -0.03 min

Lab File: BG032783.D

Acq: 22 Feb 2018 16:27

Instrument :

BNA_G

ClientSampleId :

TP-1-3FT

Tot Ion:264 Resp: 423233

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 20.7 17.7 26.5

