

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033146.D
 Acq On : 14 Mar 2018 14:37
 Operator : SJ/JU
 Sample : J1885-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 153-20

Quant Time: Mar 14 17:45:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

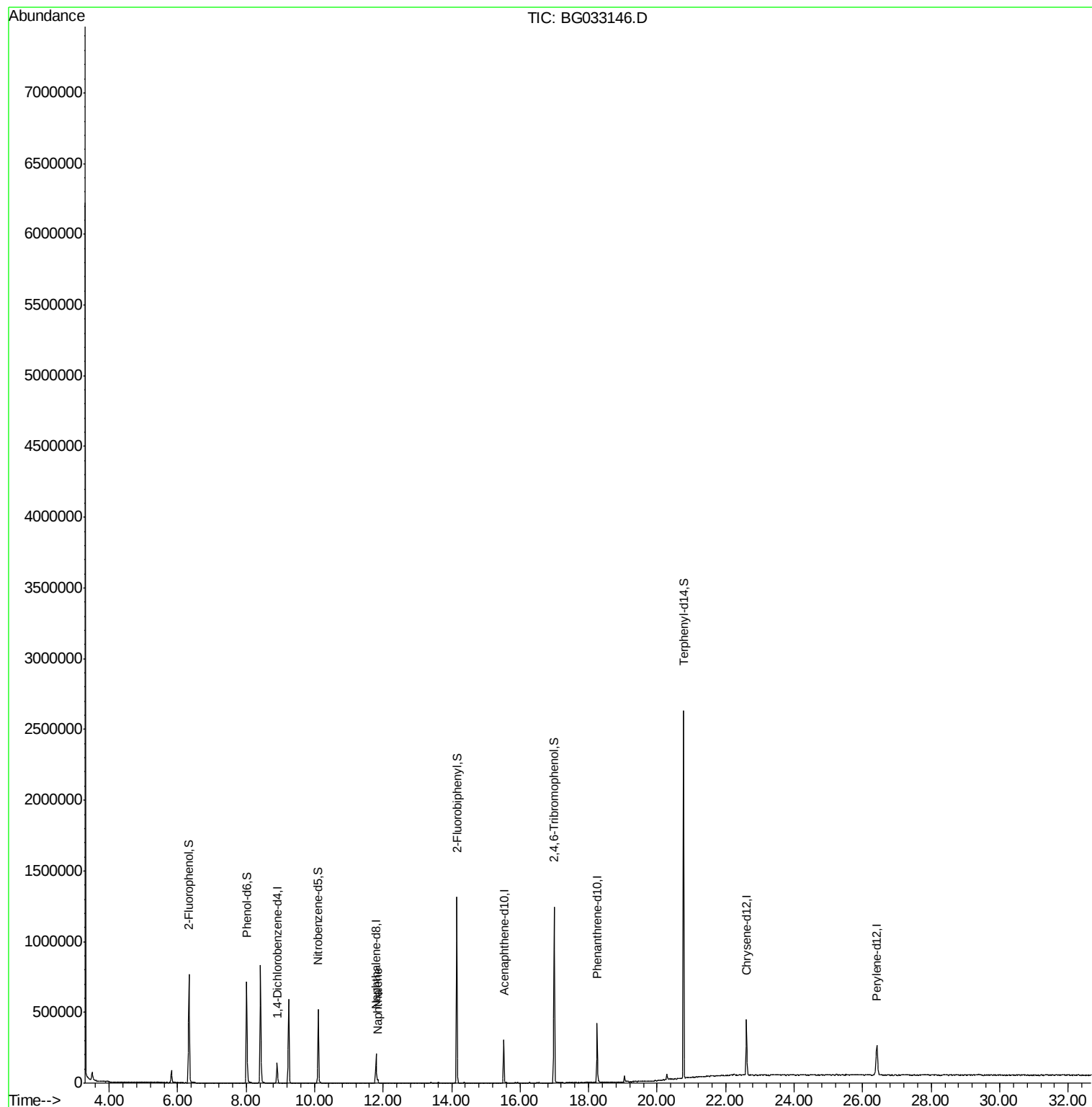
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	40786	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	178337	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	104391	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	261159	20.00	ng	0.00
75) Chrysene-d12	22.61	240	249955	20.00	ng	0.00
86) Perylene-d12	26.42	264	255910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	357049	140.05	ng	0.00
7) Phenol-d6	8.01	99	433847	122.09	ng	0.00
23) Nitrobenzene-d5	10.10	82	326017	121.98	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	237927	216.76	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	701788	96.96	ng	0.00
78) Terphenyl-d14	20.77	244	1231676	110.71	ng	0.00
Target Compounds						
31) Naphthalene	11.84	128	24675	2.648	ng	Qvalue 95

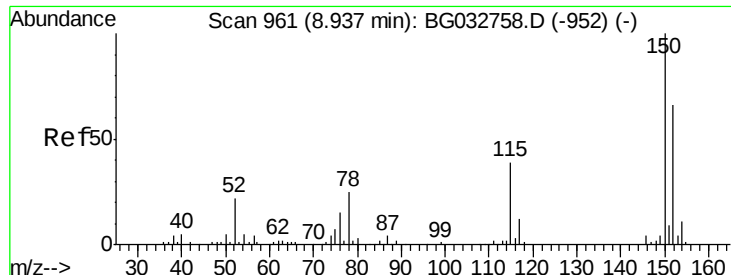
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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153-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
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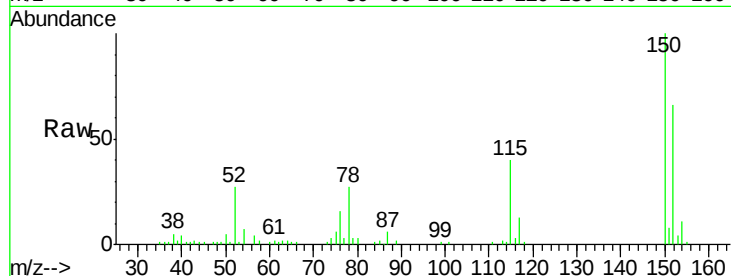


#1

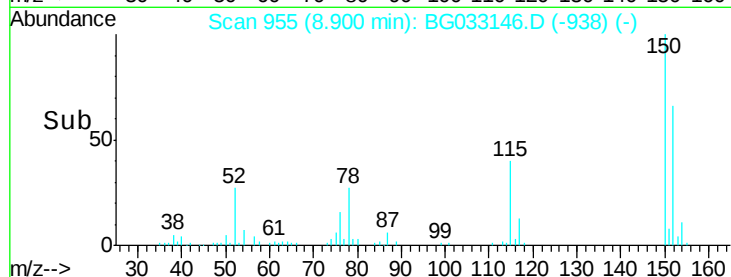
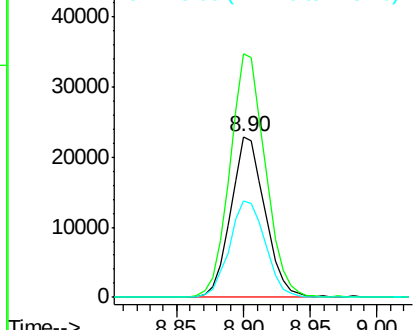
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033146.D
Acq: 14 Mar 2018 14:37

Instrument :
BNA_G
ClientSampleId :
153-20

Tot Ion:152 Resp: 40786
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 59.9 53.0 79.4



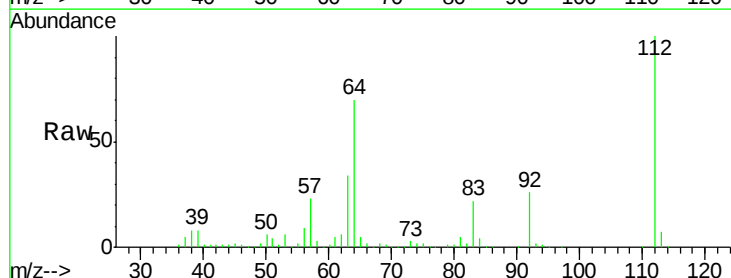
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



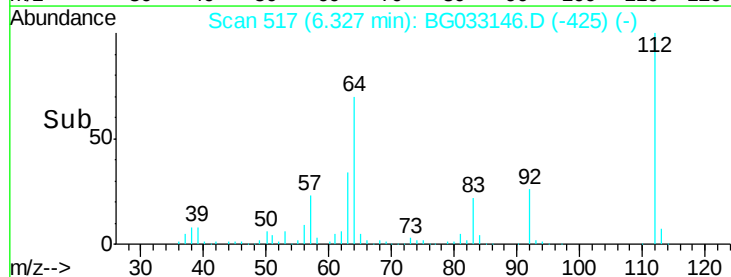
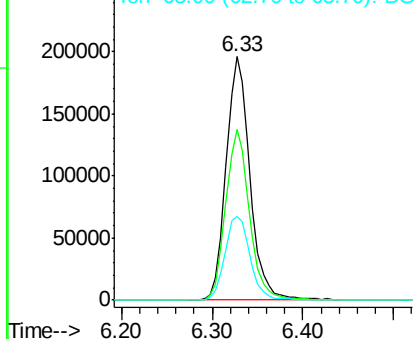
#5

2-Fluorophenol
Concen: 140.055 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.01 min
Lab File: BG033146.D
Acq: 14 Mar 2018 14:37

Tgt Ion:112 Resp: 357049
Ion Ratio Lower Upper
112 100
64 69.9 56.3 84.5
63 34.4 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: 122.092 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033146.D

Acq: 14 Mar 2018 14:37

Instrument :

BNA_G

ClientSampleId :

153-20

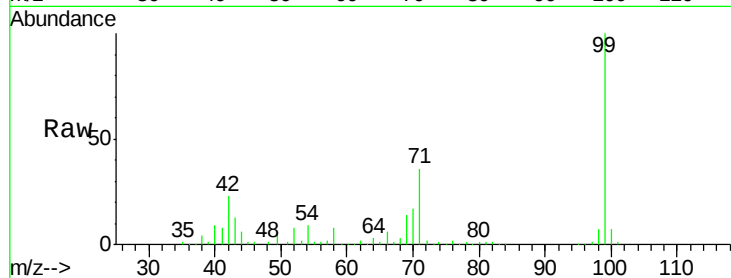
Tot Ion: 99 Resp: 433847

Ion Ratio Lower Upper

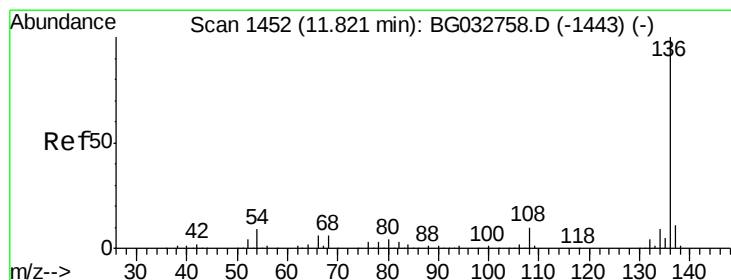
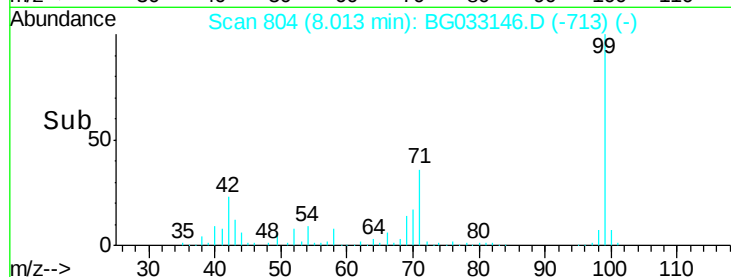
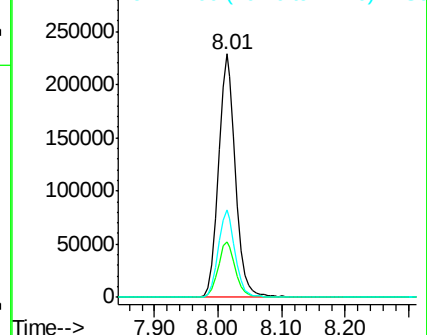
99 100

42 23.0 14.1 21.1#

71 36.0 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: 11.79 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BG033146.D

Acq: 14 Mar 2018 14:37

Tgt Ion:136 Resp: 178337

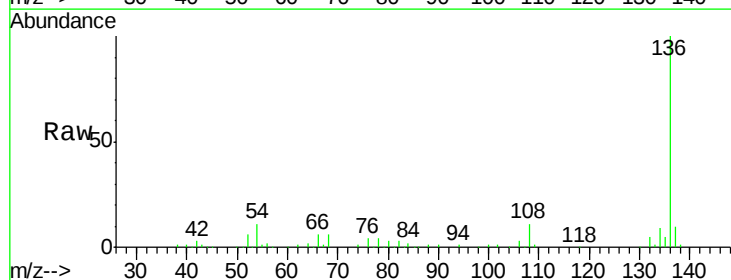
Ion Ratio Lower Upper

136 100

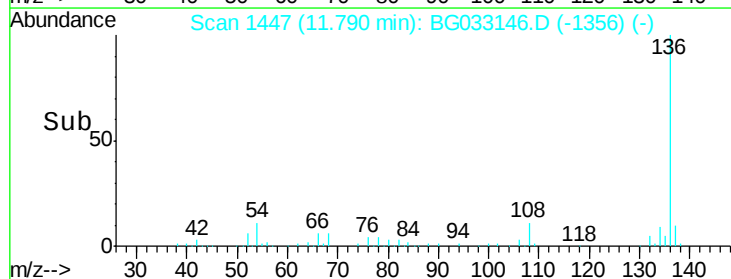
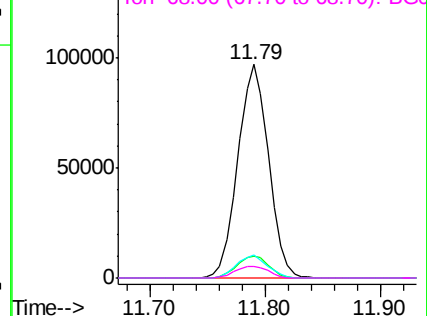
137 10.4 9.2 13.8

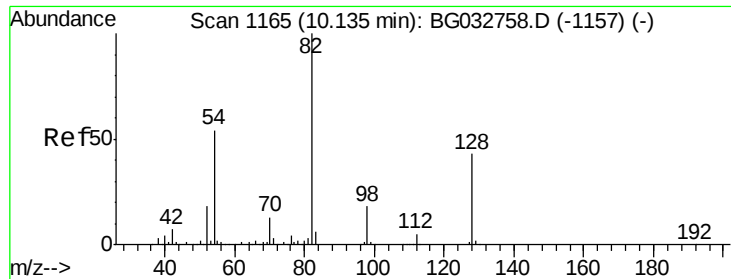
54 10.7 10.3 15.5

68 5.7 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

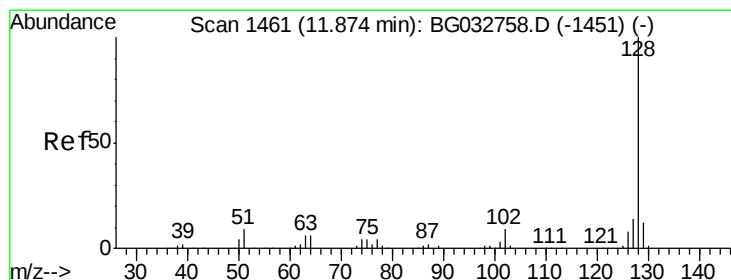
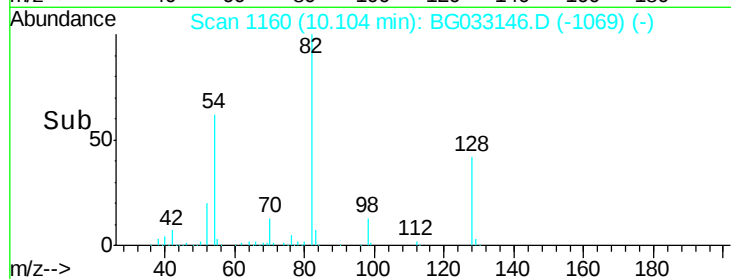
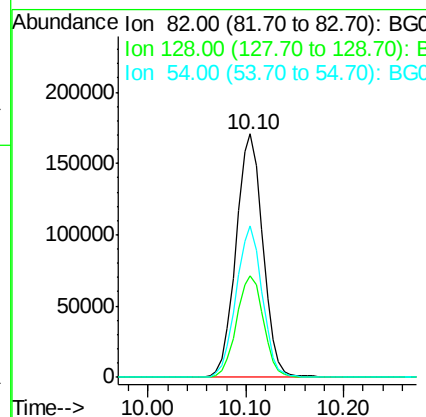
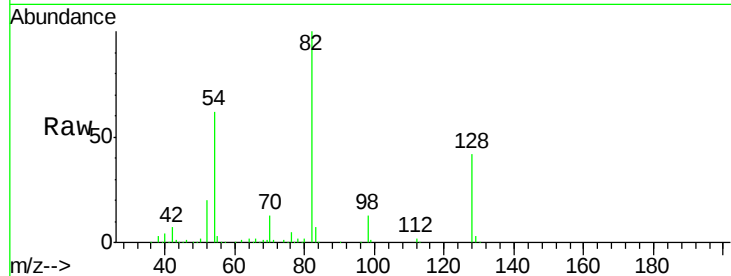




#23
Nitrobenzene-d5
Concen: 121.979 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG033146.D
Acq: 14 Mar 2018 14:37

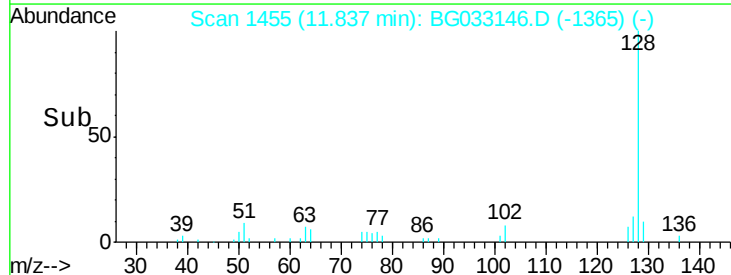
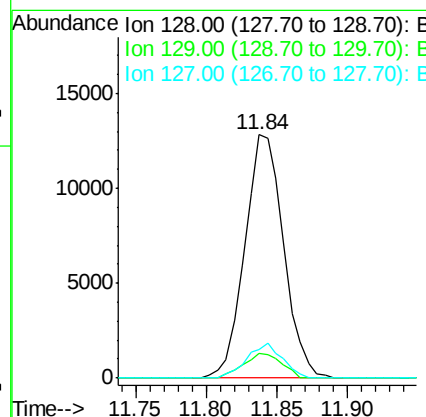
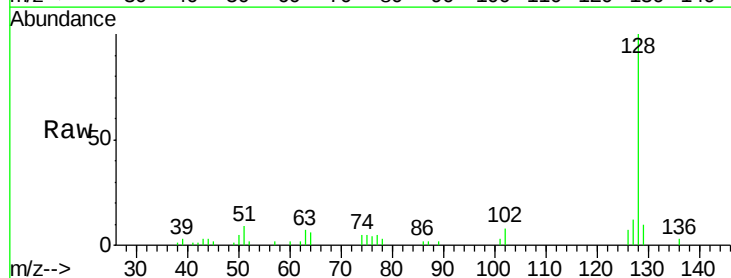
Instrument :
BNA_G
ClientSampled :
153-20

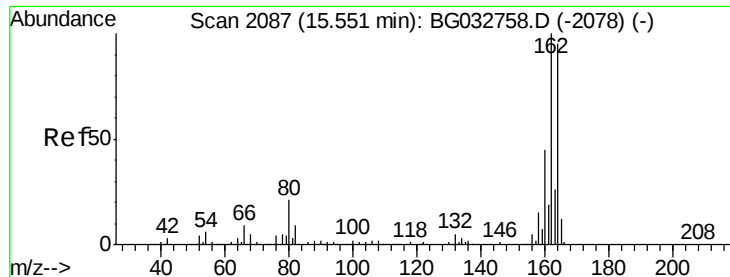
Tot Ion: 82 Resp: 326017
Ion Ratio Lower Upper
82 100
128 41.6 29.7 44.5
54 62.1 43.1 64.7



#31
Naphthalene
Concen: 2.648 ng
RT: 11.84 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BG033146.D
Acq: 14 Mar 2018 14:37

Tgt Ion: 128 Resp: 24675
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 11.8 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG033146.D

Acq: 14 Mar 2018 14:37

Instrument :

BNA_G

ClientSampled :

153-20

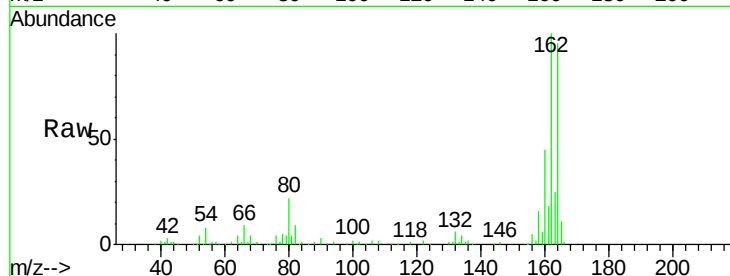
Tot Ion:164 Resp: 104391

Ion Ratio Lower Upper

164 100

162 105.2 78.8 118.2

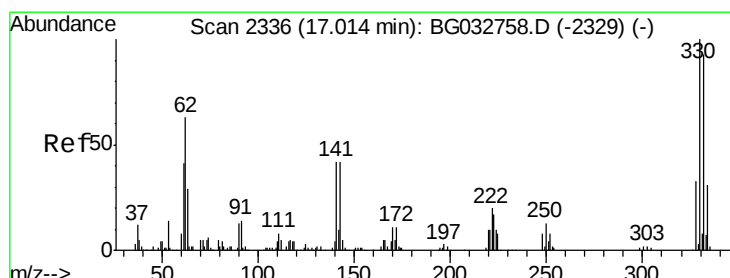
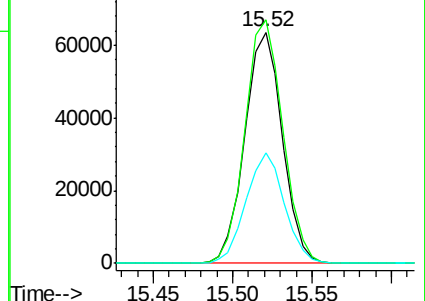
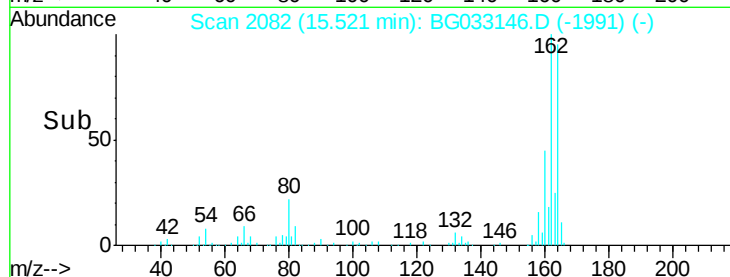
160 47.6 35.4 53.0



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: 216.763 ng

RT: 17.00 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG033146.D

Acq: 14 Mar 2018 14:37

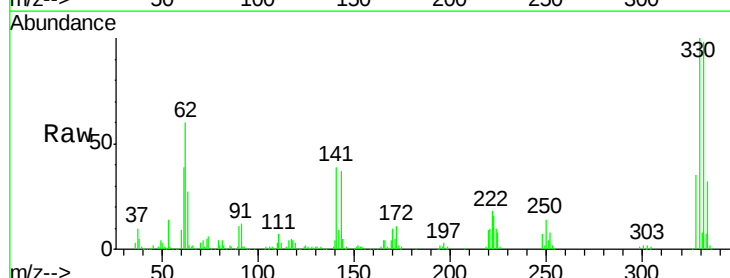
Tgt Ion:330 Resp: 237927

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

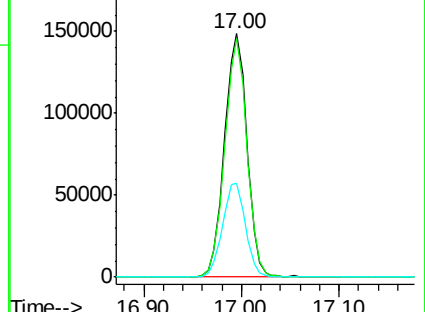
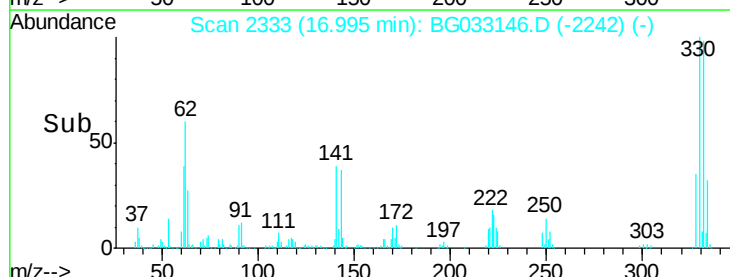
141 39.2 25.2 37.8#



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

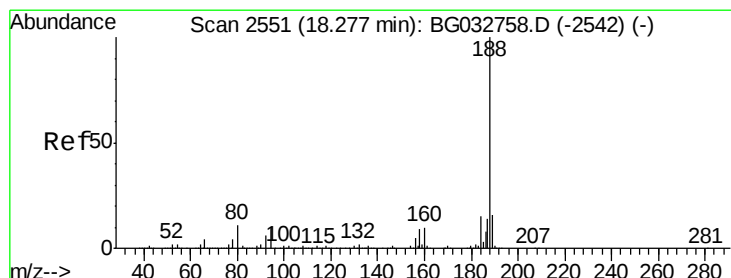
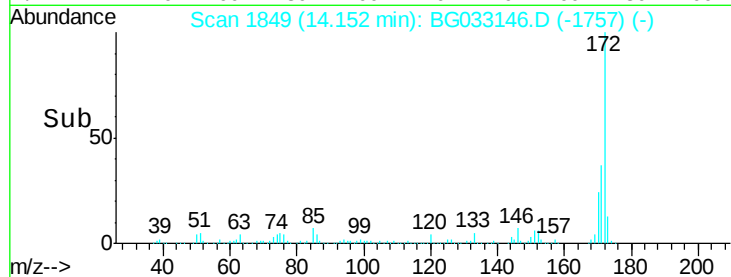
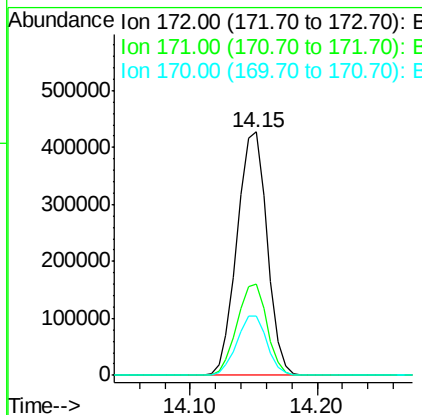
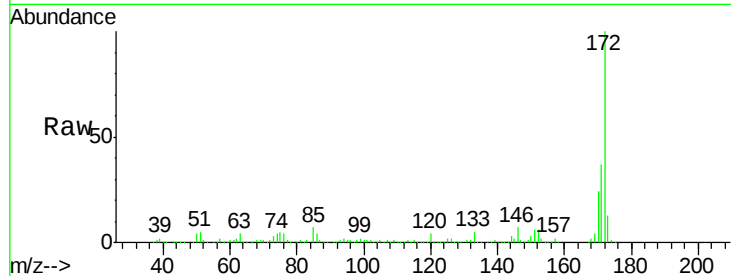




#44
 2-Fluorobiphenyl
 Concen: 96.958 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BG033146.D
 Acq: 14 Mar 2018 14:37

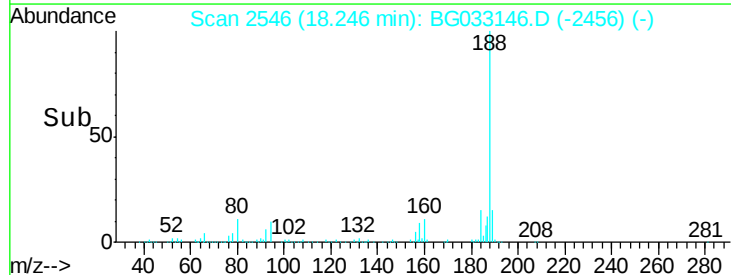
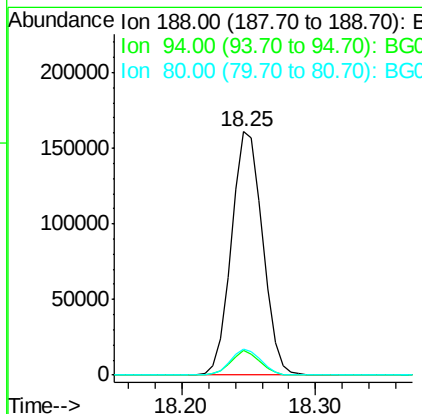
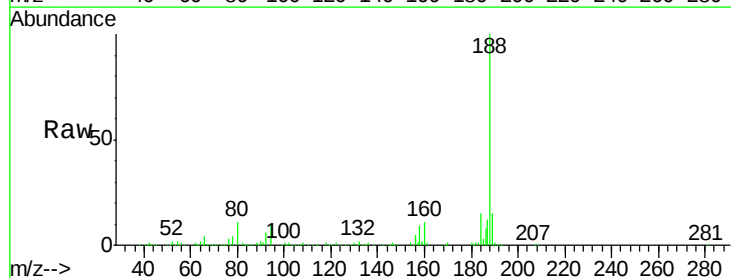
Instrument :
 BNA_G
 ClientSampled :
 153-20

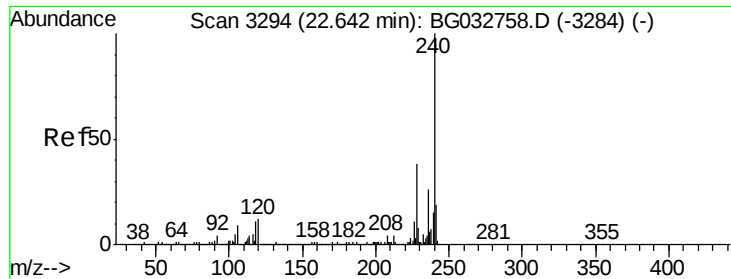
Tot Ion:172 Resp: 701788
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033146.D
 Acq: 14 Mar 2018 14:37

Tgt Ion:188 Resp: 261159
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.9 10.3
 80 10.8 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033146.D

Acq: 14 Mar 2018 14:37

Instrument :

BNA_G

ClientSampleId :

153-20

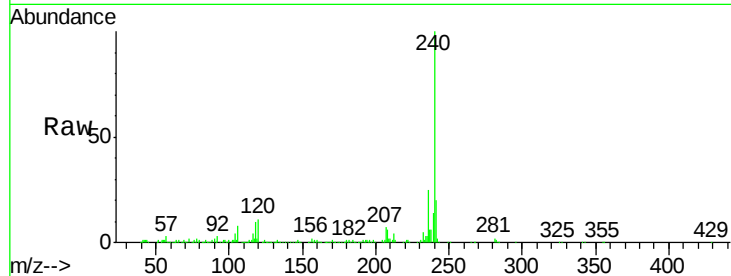
Tot Ion:240 Resp: 249955

Ion Ratio Lower Upper

240 100

120 10.8 6.8 10.2#

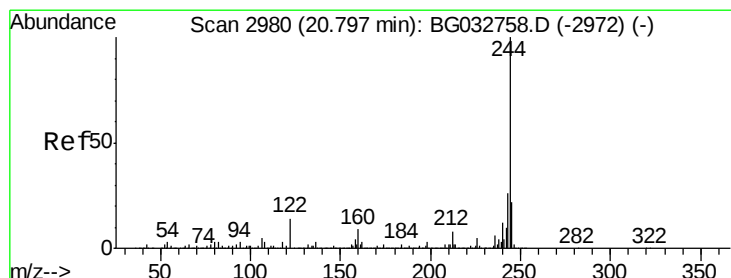
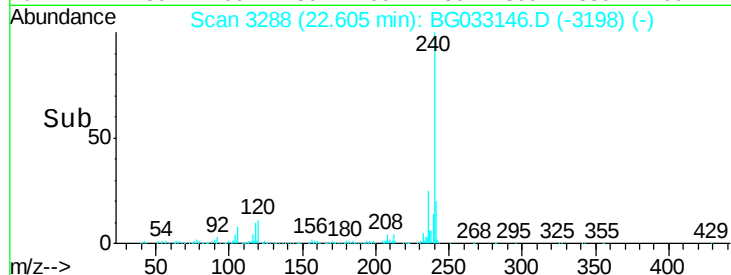
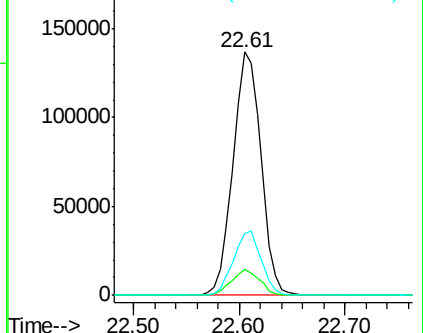
236 25.5 20.9 31.3



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: 110.710 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.01 min

Lab File: BG033146.D

Acq: 14 Mar 2018 14:37

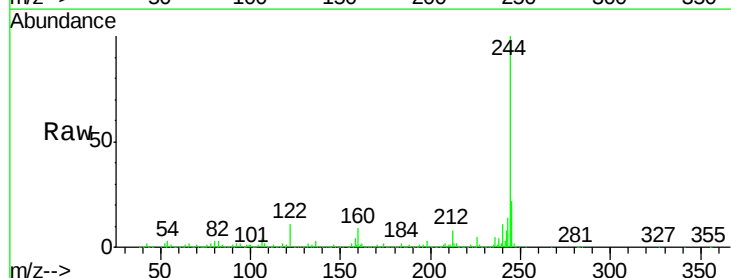
Tgt Ion:244 Resp: 1231676

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

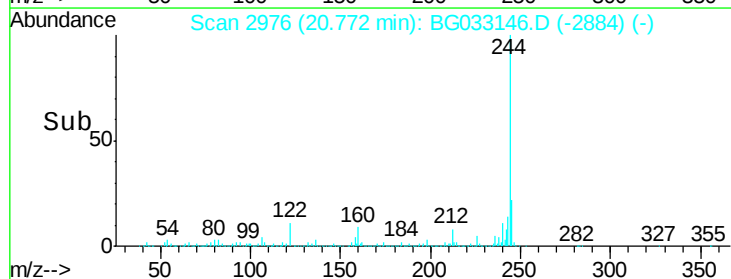
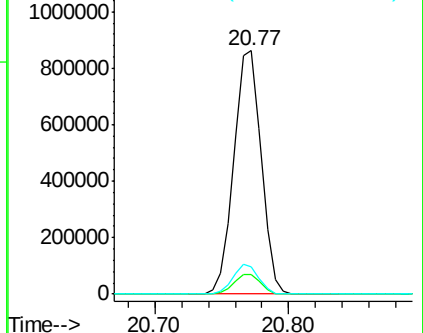
122 11.3 7.0 10.4#

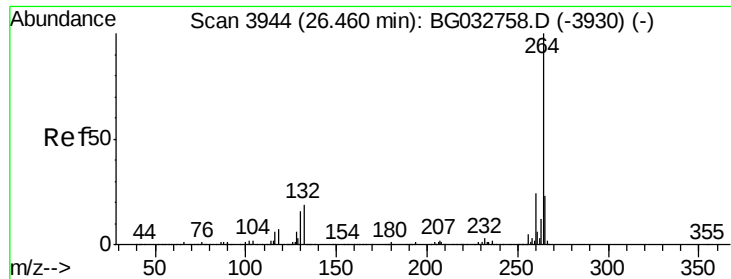


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.42 min Scan# 3937
 Delta R.T. 0.01 min
 Lab File: BG033146.D
 Acq: 14 Mar 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 153-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.9	17.7	26.5

