

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022218\
 Data File : BG032786.D
 Acq On : 22 Feb 2018 18:20
 Operator : SJ/JU
 Sample : J1637-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT4259-RT3090-RBR200030-RBR42

Quant Time: Feb 23 00:57:52 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

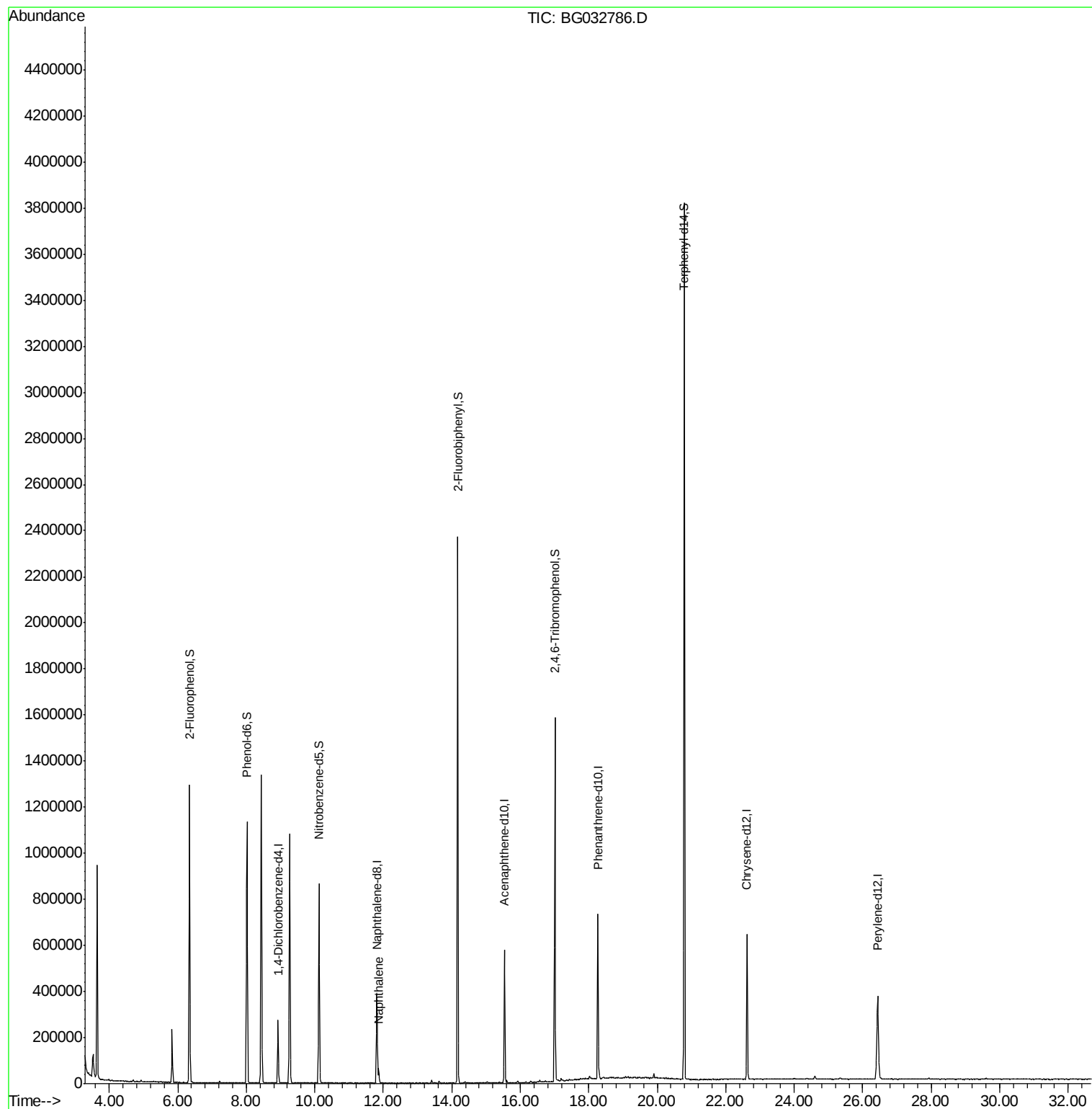
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	82448	20.00	ng	-0.01
21) Naphthalene-d8	11.81	136	352707	20.00	ng	-0.01
38) Acenaphthene-d10	15.54	164	196477	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	435725	20.00	ng	-0.01
75) Chrysene-d12	22.62	240	398149	20.00	ng	-0.02
86) Perylene-d12	26.44	264	421384	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	621072	120.52	ng	0.00
7) Phenol-d6	8.02	99	738967	102.87	ng	0.00
23) Nitrobenzene-d5	10.12	82	533761	102.68	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	287424	139.13	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1221050	89.63	ng	-0.01
78) Terphenyl-d14	20.79	244	1654715	93.37	ng	-0.01
Target Compounds						
31) Naphthalene	11.86	128	57757	3.134	ng	Qvalue 98

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

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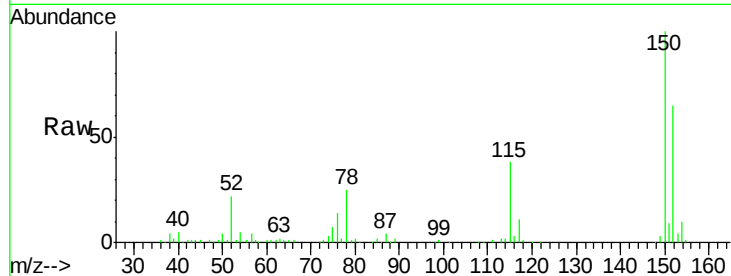


#1

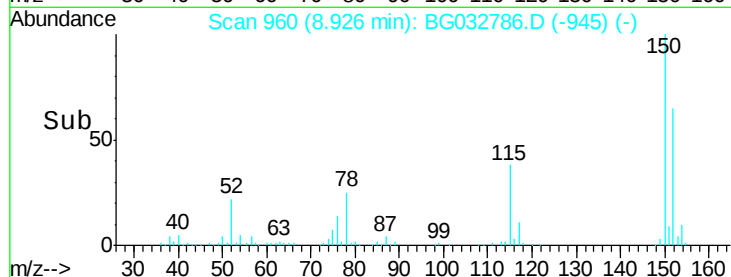
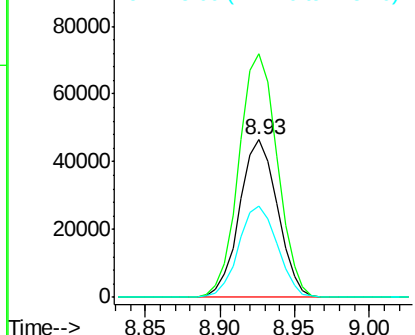
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:152 Resp: 82448
Ion Ratio Lower Upper
152 100
150 154.6 126.6 189.8
115 58.2 53.0 79.4



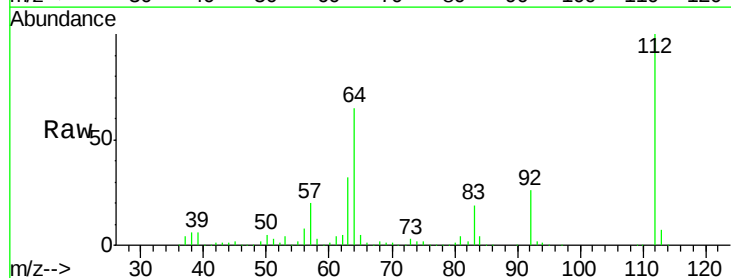
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



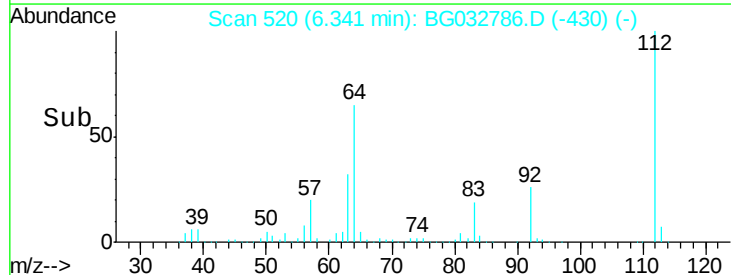
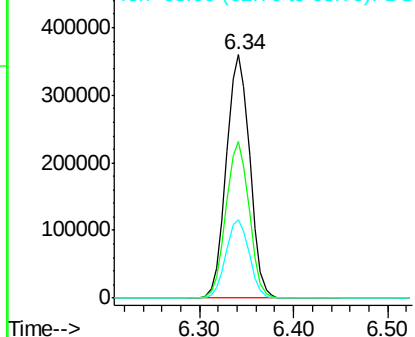
#5

2-Fluorophenol
Concen: 120.515 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:112 Resp: 621072
Ion Ratio Lower Upper
112 100
64 64.5 56.3 84.5
63 32.4 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: 102.874 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032786.D

Acq: 22 Feb 2018 18:20

Instrument :

BNA_G

ClientSampleId :

RT4259-RT3090-RBR200030-RBR42

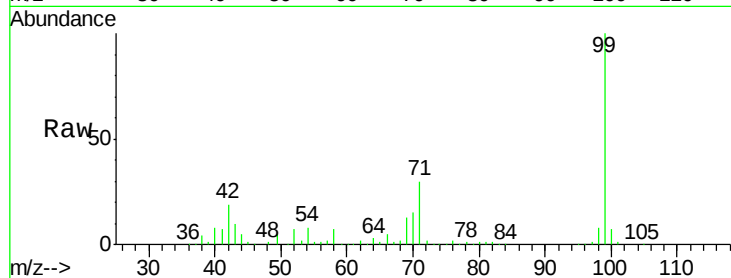
Tot Ion: 99 Resp: 738967

Ion Ratio Lower Upper

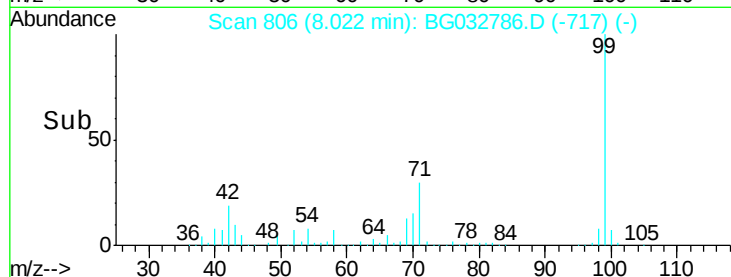
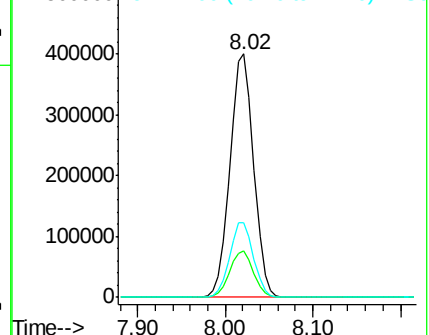
99 100

42 18.9 14.1 21.1

71 30.4 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: BG032786.D

Acq: 22 Feb 2018 18:20

Tgt Ion: 136 Resp: 352707

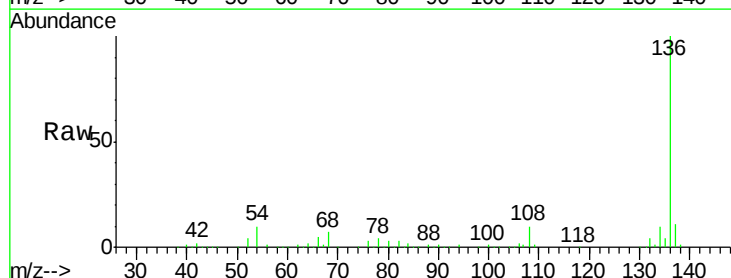
Ion Ratio Lower Upper

136 100

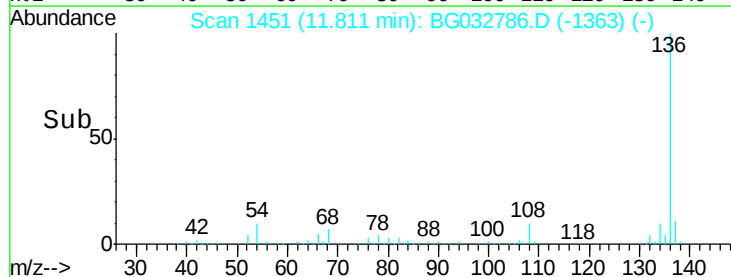
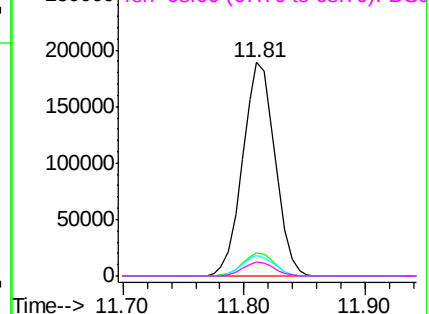
137 10.5 9.2 13.8

54 9.6 10.3 15.5#

68 6.7 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

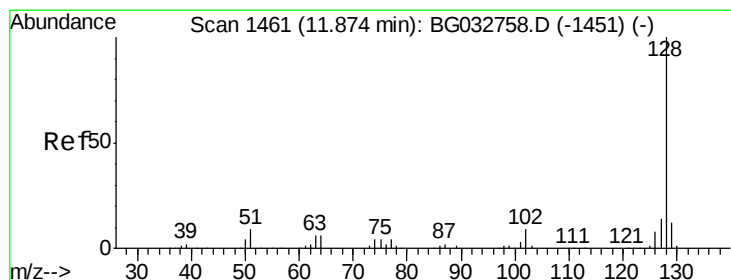
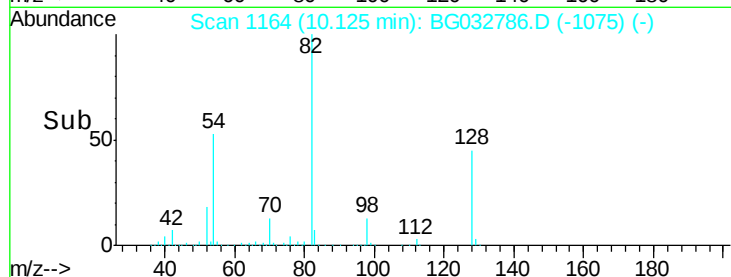
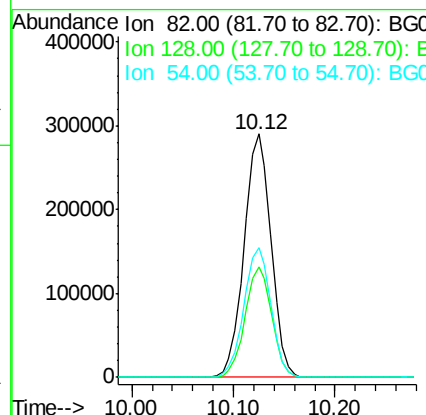
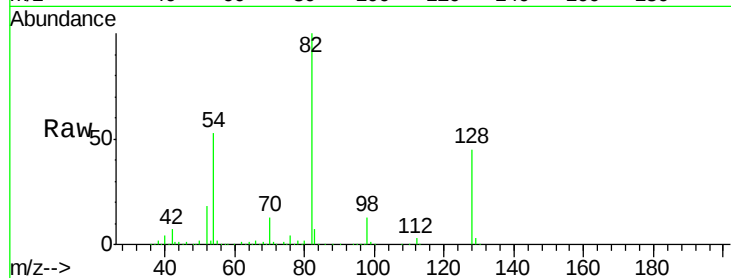




#23
Nitrobenzene-d5
Concen: 102.683 ng
RT: 10.12 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

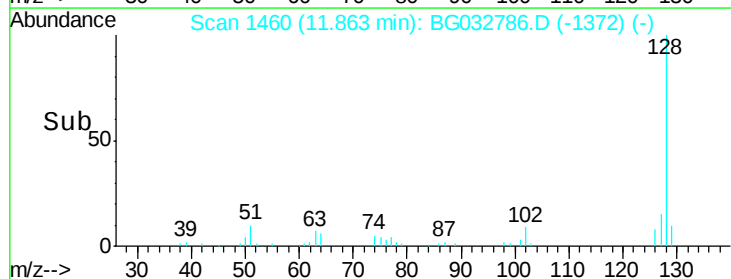
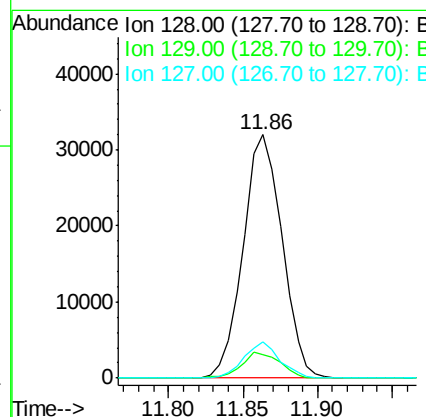
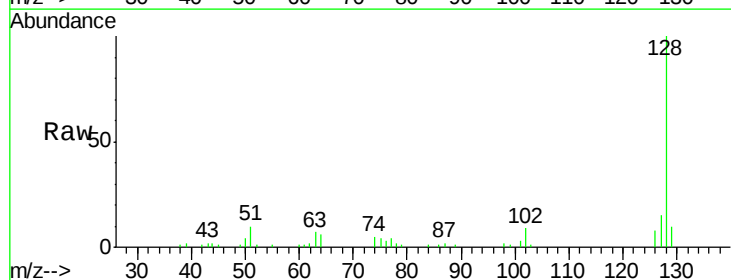
Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

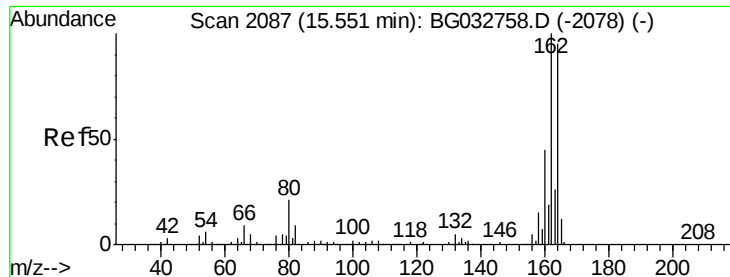
Tot Ion	82	Resp	533761
Ion Ratio	100	Lower	Upper
128	45.4	29.7	44.5#
54	53.4	43.1	64.7



#31
Naphthalene
Concen: 3.134 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion	128	Resp	57757
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	9.5	8.6	12.8
127	14.9	11.6	17.4

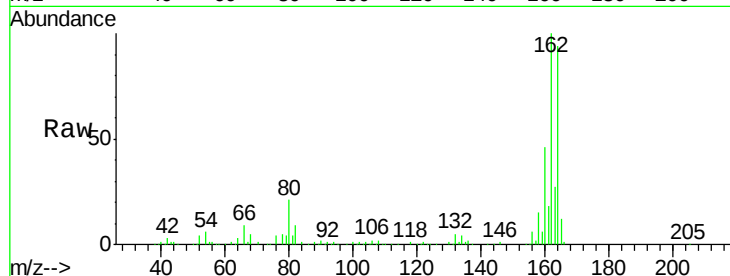




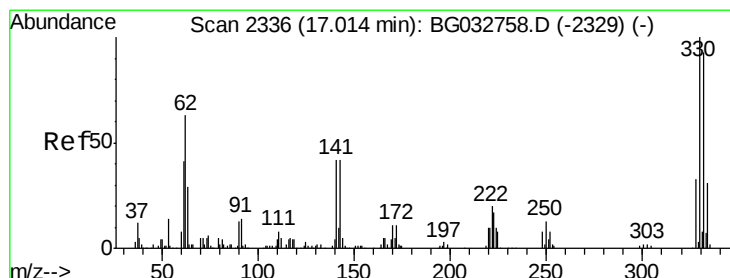
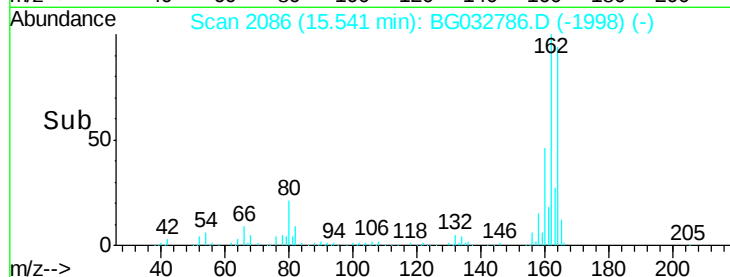
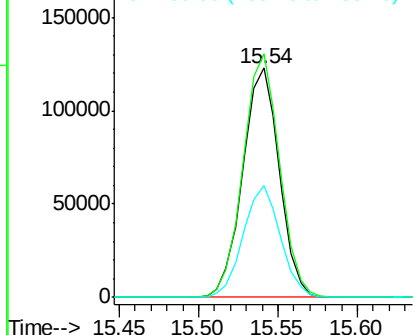
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tot Ion:164 Resp: 196477
Ion Ratio Lower Upper
164 100
162 106.2 78.8 118.2
160 48.5 35.4 53.0

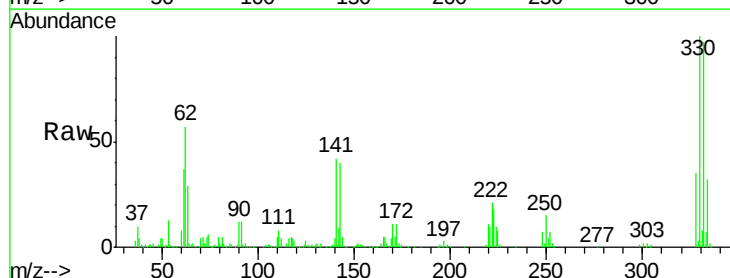


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

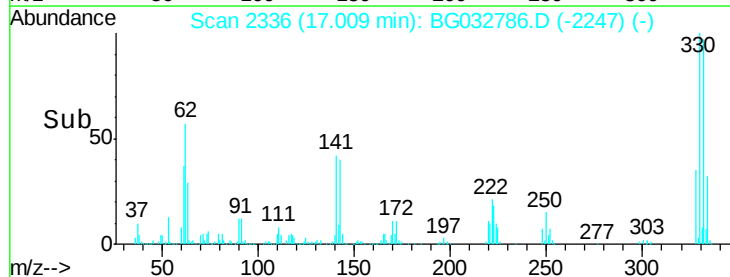
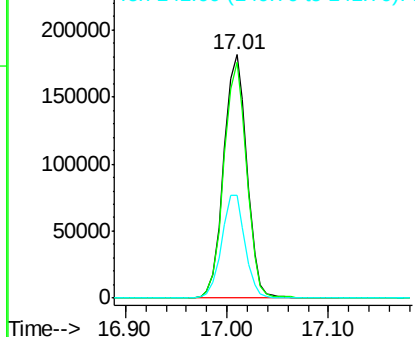


#41
2,4,6-Tribromophenol
Concen: 139.129 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:330 Resp: 287424
Ion Ratio Lower Upper
330 100
332 96.0 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

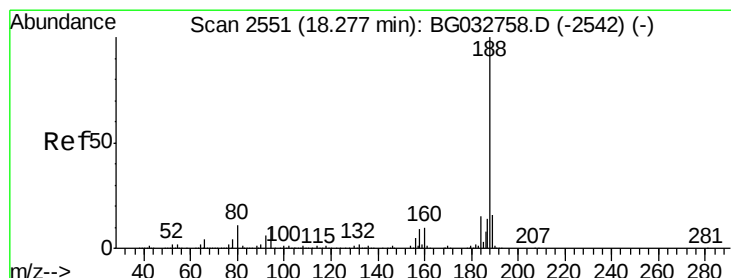
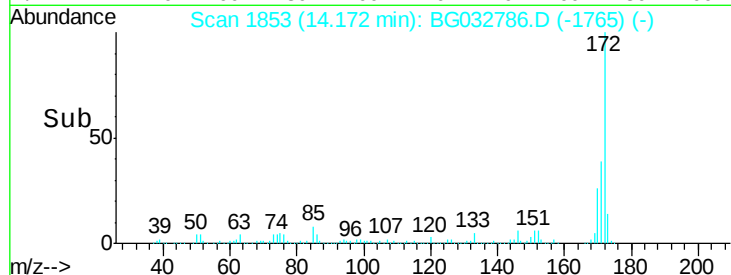
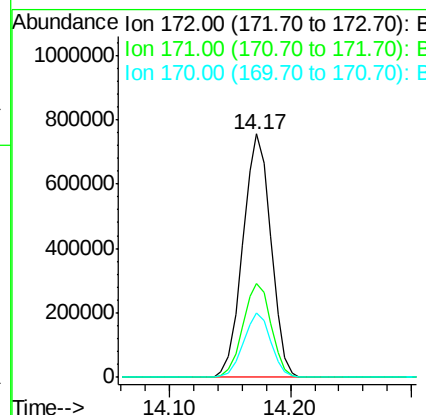
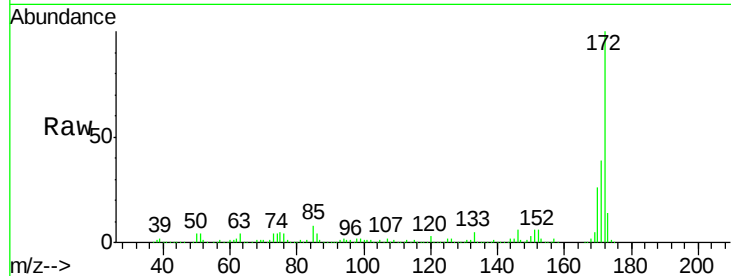




#44
 2-Fluorobiphenyl
 Concen: 89.632 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032786.D
 Acq: 22 Feb 2018 18:20

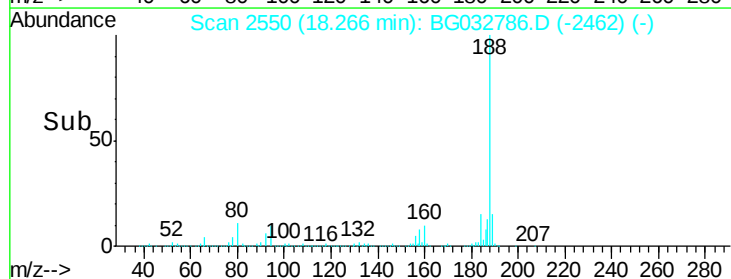
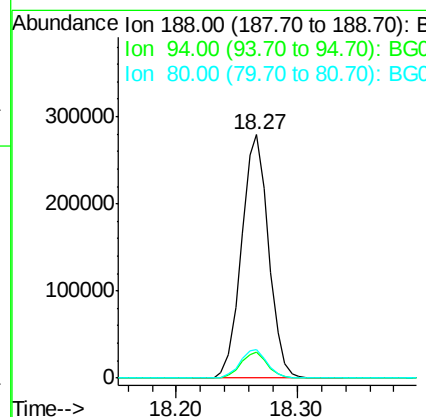
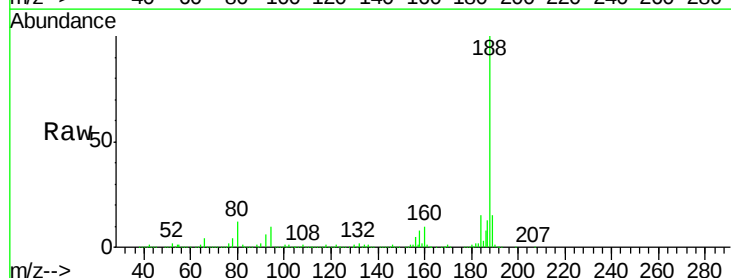
Instrument :
 BNA_G
 ClientSampleId :
 RT4259-RT3090-RBR200030-RBR42

Tot Ion:172 Resp: 1221050
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 26.3 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: BG032786.D
 Acq: 22 Feb 2018 18:20

Tgt Ion:188 Resp: 435725
 Ion Ratio Lower Upper
 188 100
 94 10.5 6.9 10.3#
 80 11.5 7.7 11.5

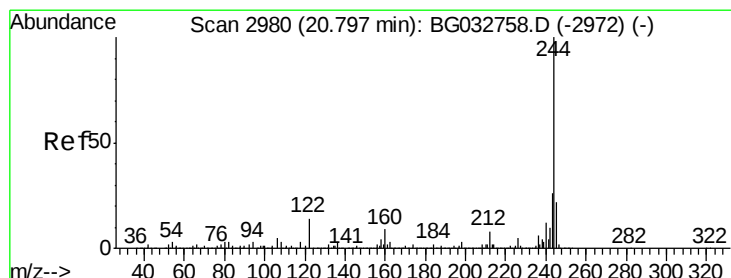
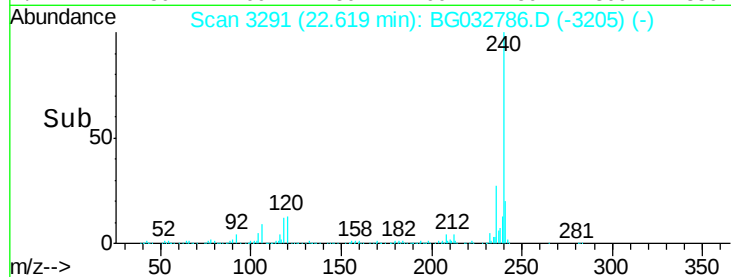
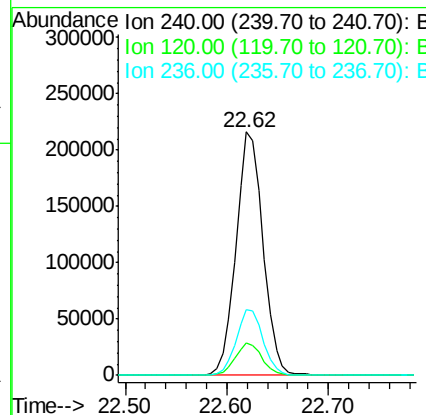
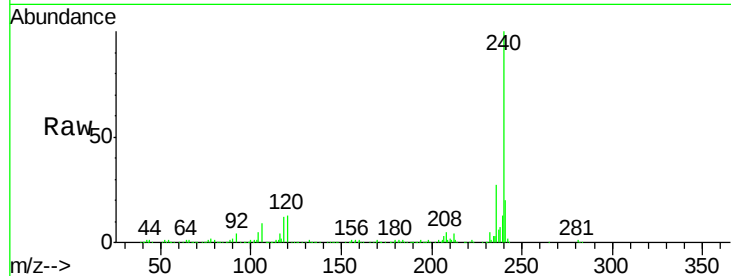




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.02 min
 Lab File: BG032786.D
 Acq: 22 Feb 2018 18:20

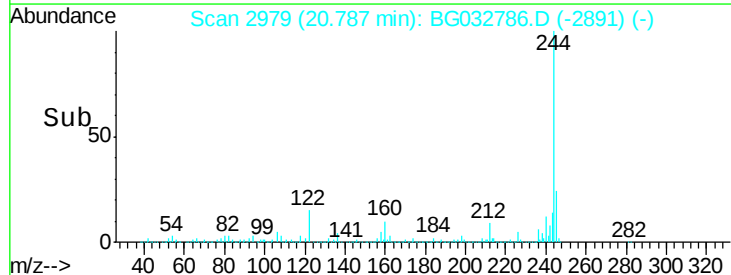
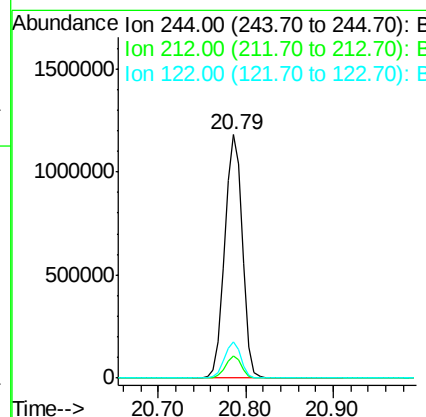
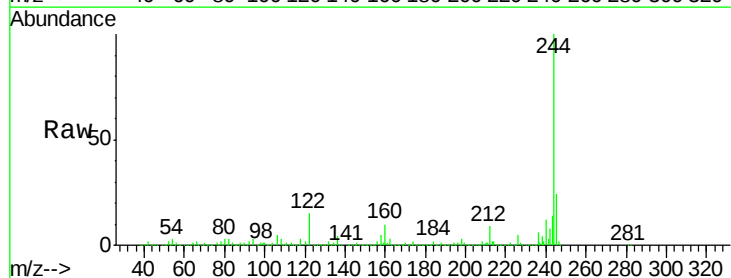
Instrument :
 BNA_G
 ClientSampleId :
 RT4259-RT3090-RBR200030-RBR42

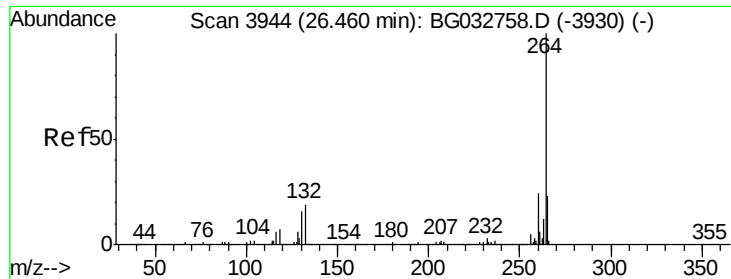
Tot Ion:240 Resp: 398149
 Ion Ratio Lower Upper
 240 100
 120 13.1 6.8 10.2#
 236 26.9 20.9 31.3



#78
 Terphenyl-d14
 Concen: 93.374 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG032786.D
 Acq: 22 Feb 2018 18:20

Tgt Ion:244 Resp: 1654715
 Ion Ratio Lower Upper
 244 100
 212 8.9 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: BG032786.D
 Acq: 22 Feb 2018 18:20

Instrument :
 BNA_G
 ClientSampleId :
 RT4259-RT3090-RBR200030-RBR42

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.5	17.7	26.5

