

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032820.D
 Acq On : 26 Feb 2018 14:00
 Operator : SJ/JU
 Sample : J1688-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 17:36:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:33:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	64306	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	275765	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	152517	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	355506	20.00	ng	0.00
75) Chrysene-d12	22.63	240	370015	20.00	ng	0.00
86) Perylene-d12	26.44	264	400931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	419487	104.36	ng	0.00
7) Phenol-d6	8.03	99	564686	100.79	ng	0.01
23) Nitrobenzene-d5	10.13	82	305405	77.80	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	184494	115.05	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	696670	65.88	ng	0.00
78) Terphenyl-d14	20.79	244	1060416	64.39	ng	0.00

Target Compounds

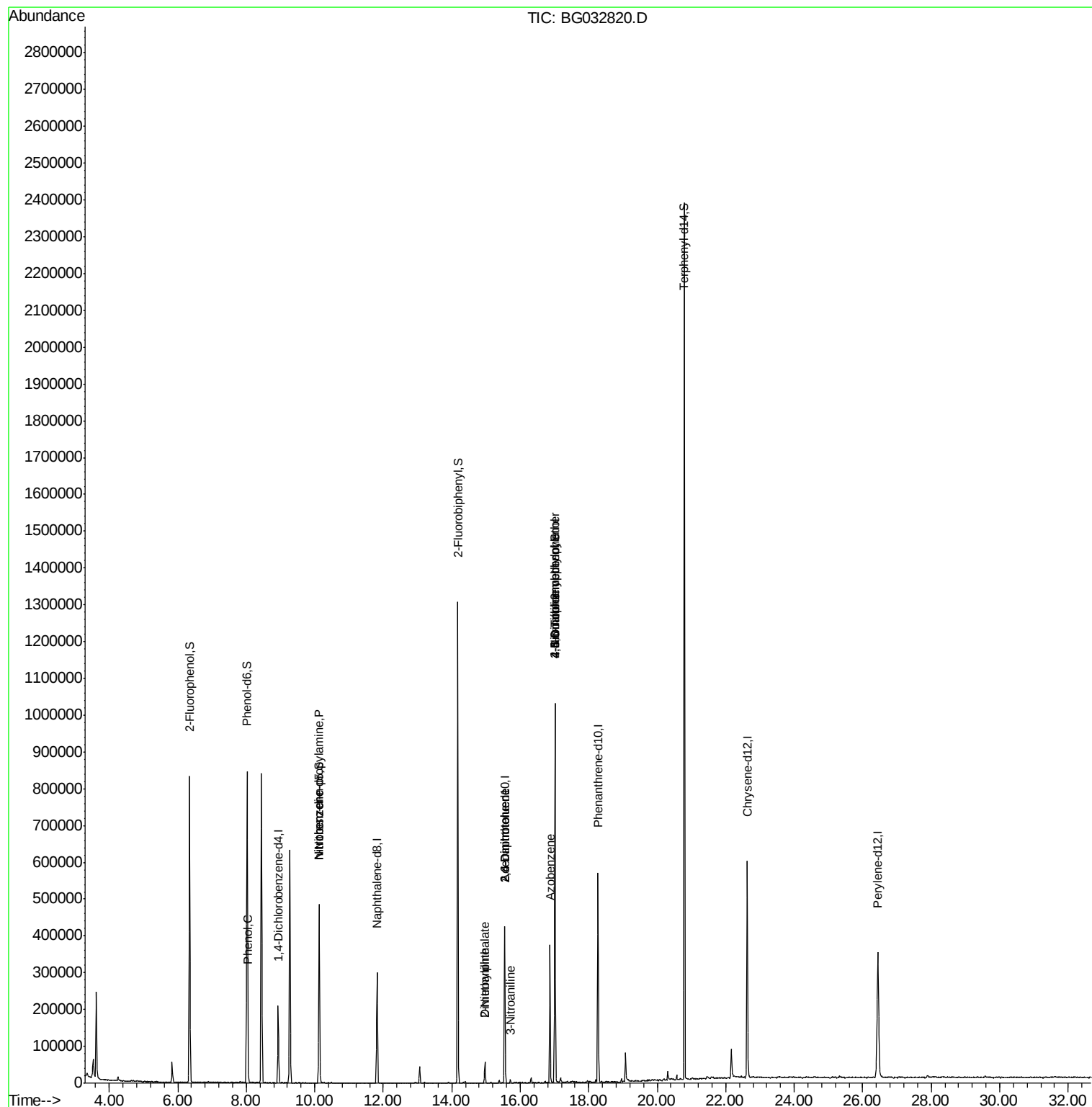
						Qvalue
10) Phenol	8.05	94	13288	2.353	ng	97
19) n-Nitroso-di-n-propylamine	10.13	70	39934	10.096	ng	# 81
24) Nitrobenzene	10.13	77	829	6.544	ng	# 47
47) 2-Nitroaniline	14.97	65	299	9.930	ng	# 1
49) Dimethylphthalate	14.97	163	38472	2.971	ng	97
50) 2,6-Dinitrotoluene	15.54	165	19614	16.352	ng	# 21
52) 3-Nitroaniline	15.71	138	939	7.842	ng	# 14
56) 2,4-Dinitrotoluene	15.54	165	19614	14.550	ng	# 19
61) 4-Nitroaniline	17.01	138	57	5.318	ng	# 1
62) Azobenzene	16.87	77	109139	8.932	ng	# 1
64) 4,6-Dinitro-2-methylphenol	17.01	198	657	5.734	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	12735	3.388	ng	# 1

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032820.D
Acq On : 26 Feb 2018 14:00
Operator : SJ/JU
Sample : J1688-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 26 17:36:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:33:40 2018
Response via : Initial Calibration



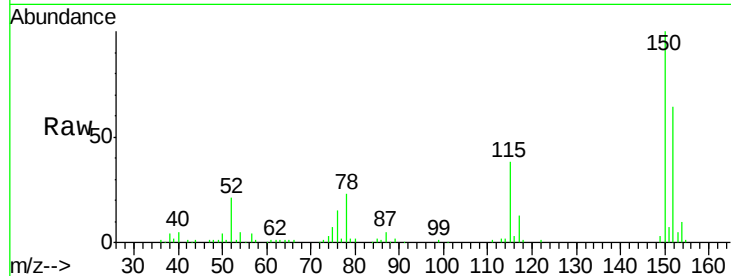


#1

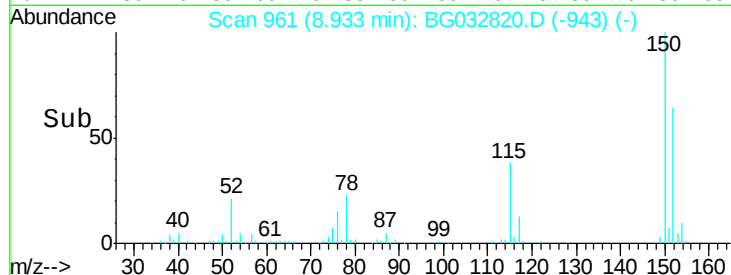
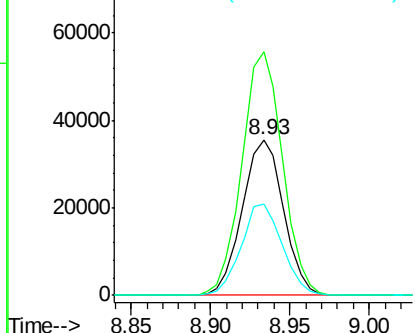
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 961
Delta R.T. 0.01 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64306
Ion Ratio Lower Upper
152 100
150 156.3 126.6 189.8
115 58.8 53.0 79.4



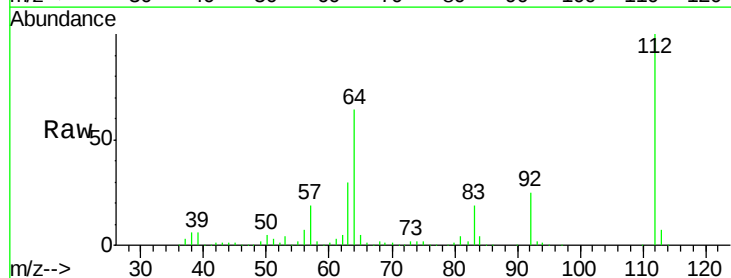
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



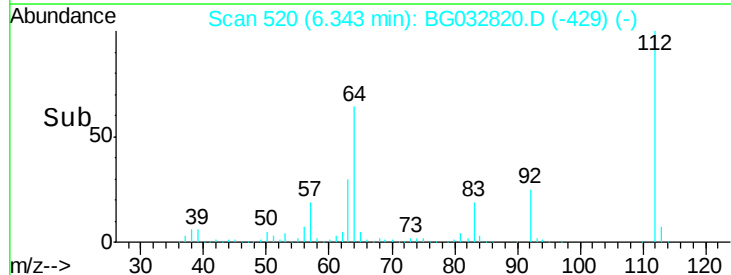
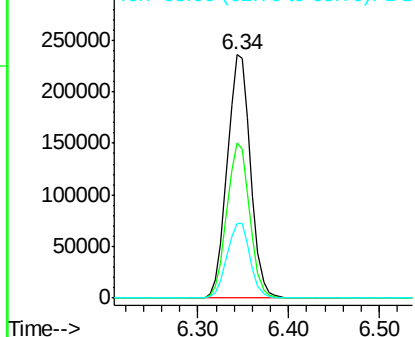
#5

2-Fluorophenol
Concen: 104.363 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.01 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Tgt Ion:112 Resp: 419487
Ion Ratio Lower Upper
112 100
64 63.9 56.3 84.5
63 30.5 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: 100.790 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.01 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Instrument :

BNA_G

ClientSampled :

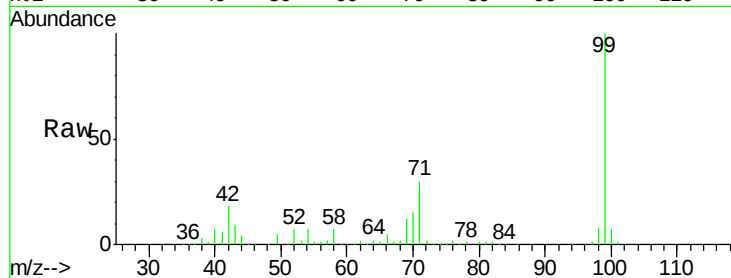
Tot Ion: 99 Resp: 564686

Ion Ratio Lower Upper

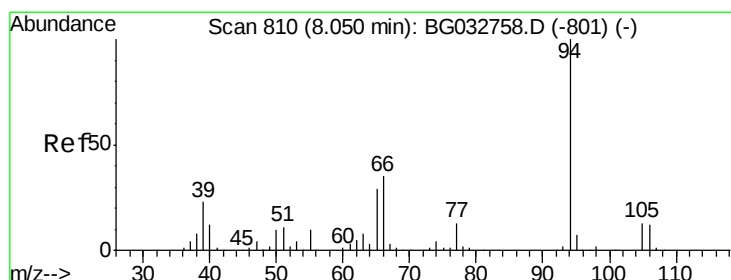
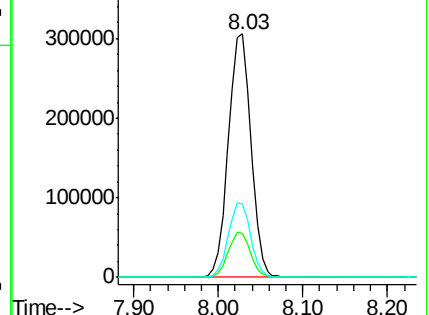
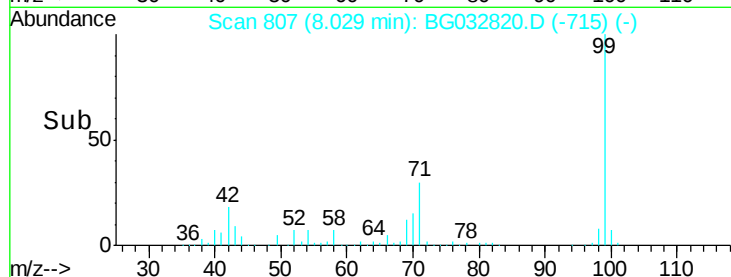
99 100

42 18.0 14.1 21.1

71 29.9 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



#10

Phenol

Concen: 2.353 ng

RT: 8.05 min Scan# 811

Delta R.T. 0.01 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

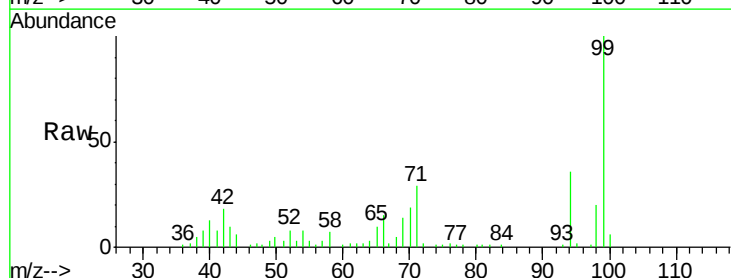
Tgt Ion: 94 Resp: 13288

Ion Ratio Lower Upper

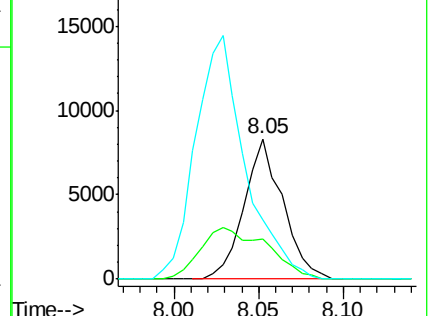
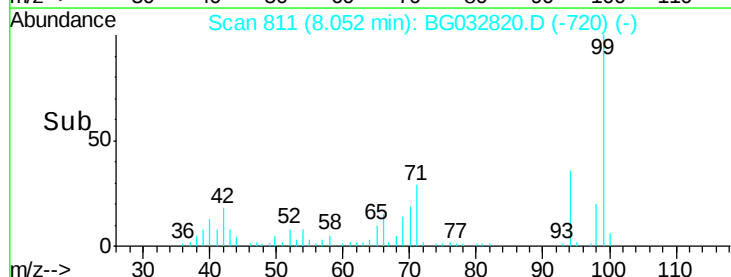
94 100

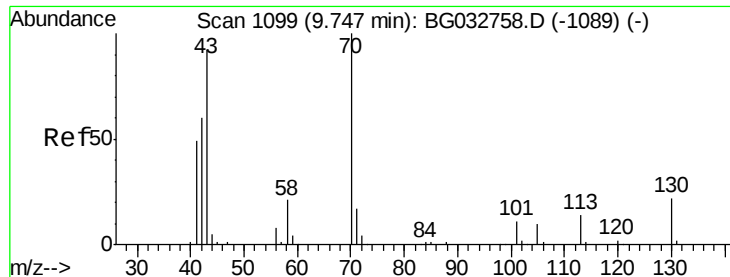
65 28.7 11.9 51.9

66 42.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

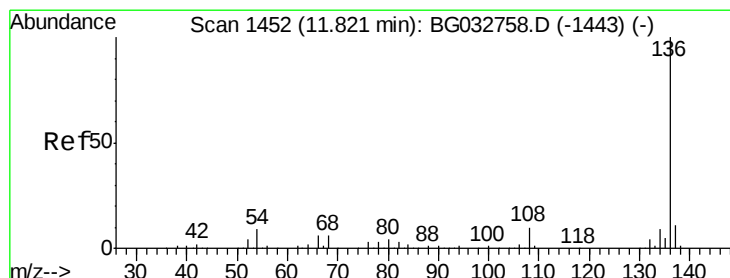
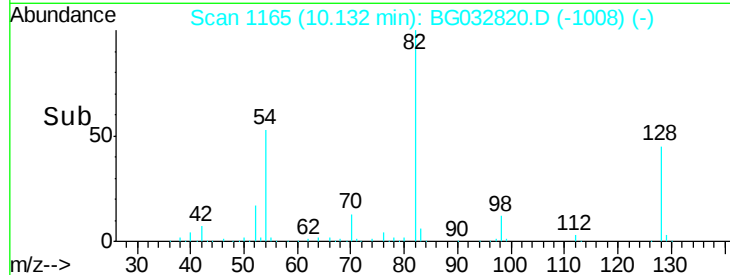
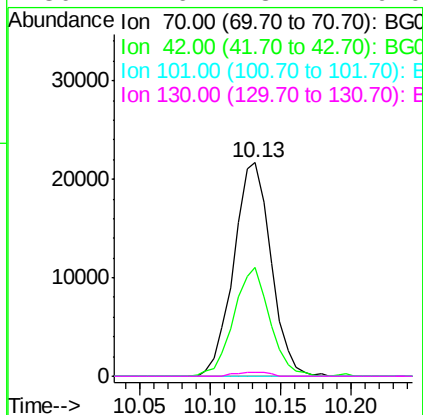
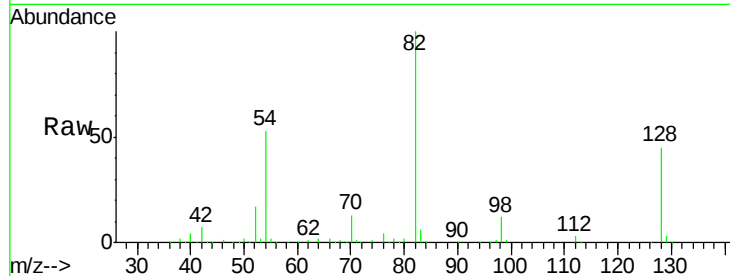




#19
n-Nitroso-di-n-propylamine
Concen: 10.096 ng
RT: 10.13 min Scan# 1165
Delta R.T. 0.39 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

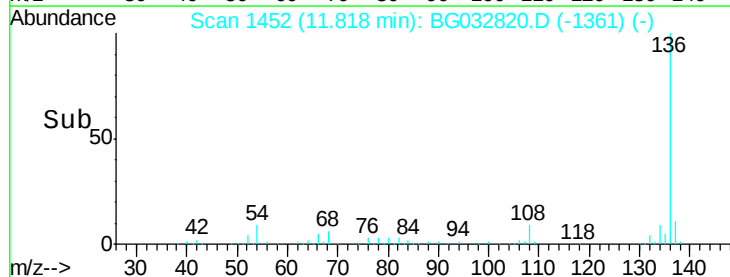
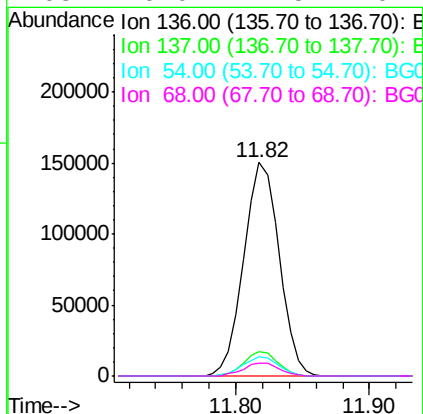
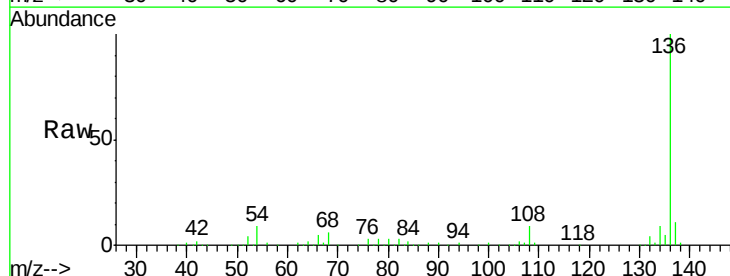
Instrument :
BNA_G
ClientSampleId :

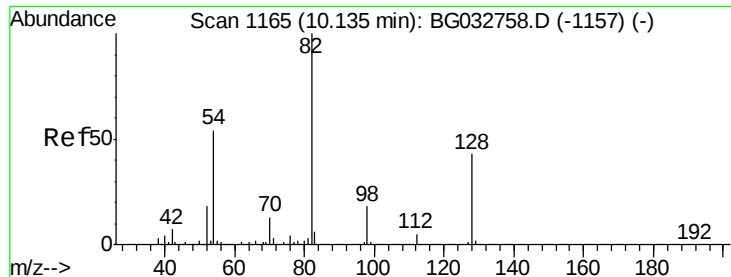
Tot Ion: 70 Resp: 39934
Ion Ratio Lower Upper
70 100
42 51.2 49.1 73.7
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.82 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Tgt Ion: 136 Resp: 275765
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 9.0 10.3 15.5#
68 6.0 4.5 6.7

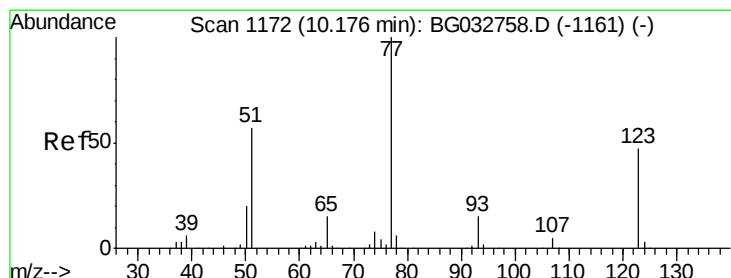
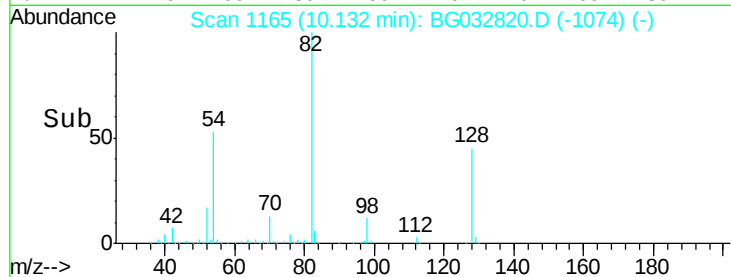
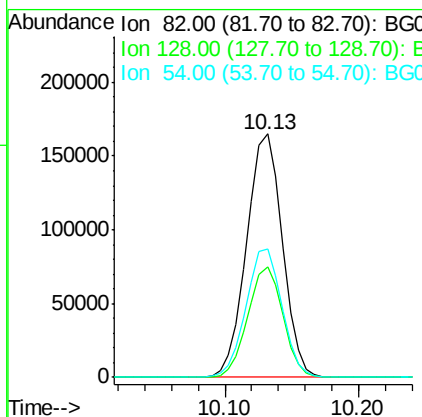
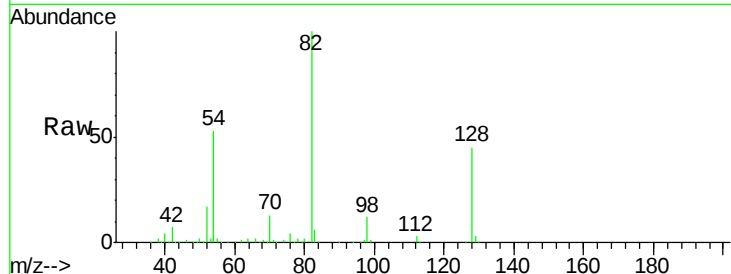




#23
 Nitrobenzene-d5
 Concen: 77.804 ng
 RT: 10.13 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BG032820.D
 Acq: 26 Feb 2018 14:00

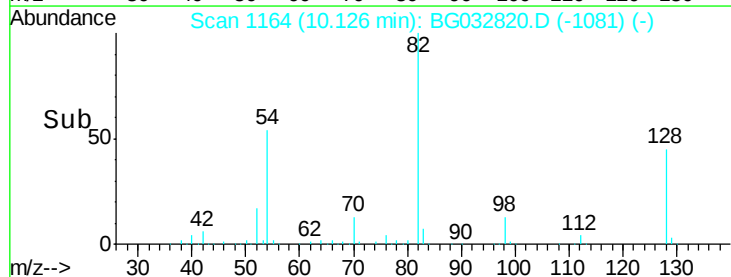
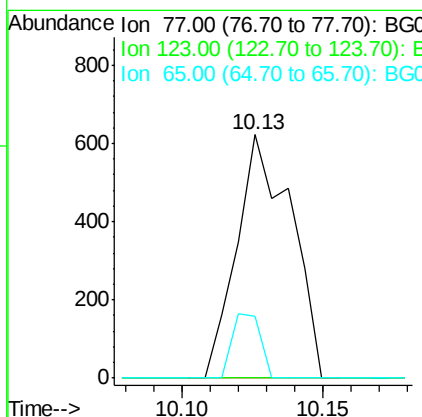
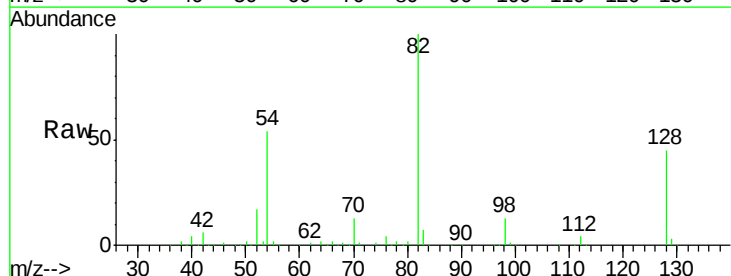
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	305405
Ion Ratio	Lower	Upper	
82	100		
128	45.4	29.7	44.5#
54	52.7	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.544 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.04 min
 Lab File: BG032820.D
 Acq: 26 Feb 2018 14:00

Tgt Ion	77	Resp	829
Ion Ratio	Lower	Upper	
77	100		
123	0.0	33.0	49.6#
65	25.5	13.0	19.6#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Instrument :

BNA_G

ClientSampleId :

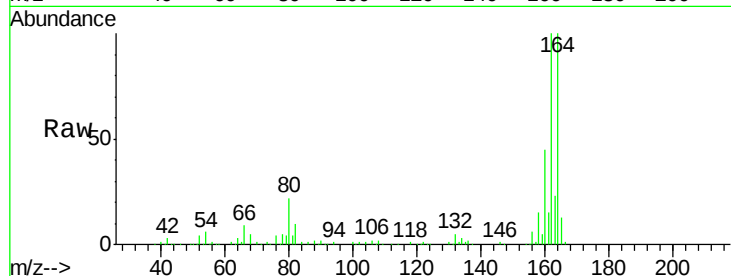
Tot Ion:164 Resp: 152517

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

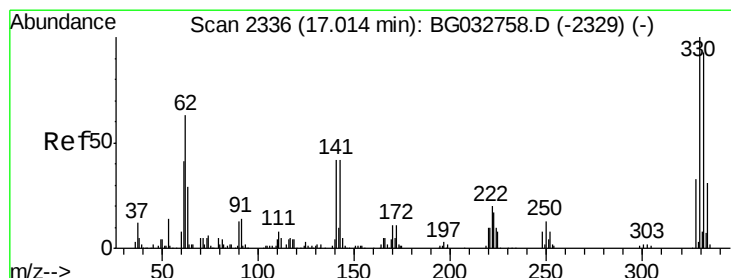
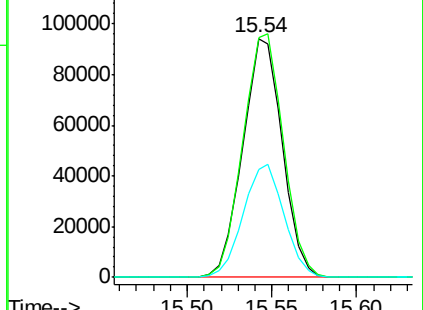
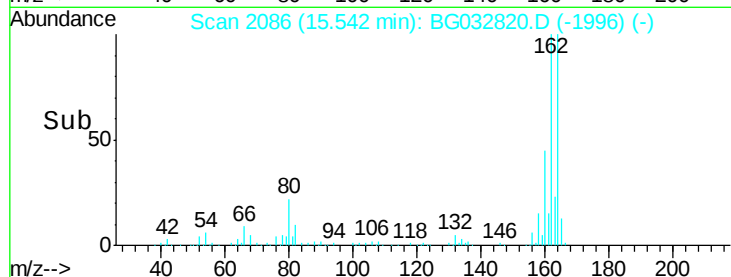
160 45.1 35.4 53.0



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: 115.045 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

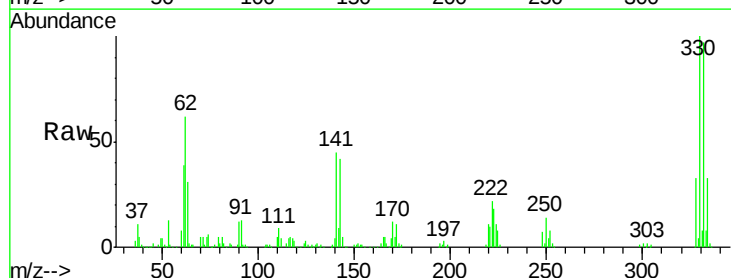
Tgt Ion:330 Resp: 184494

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

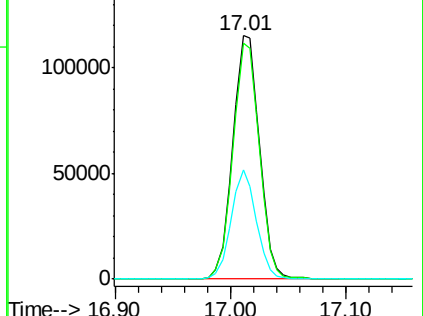
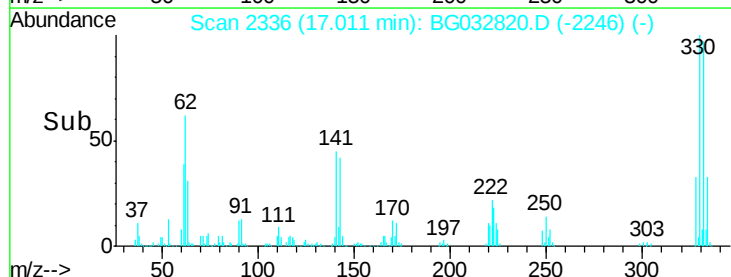
141 42.0 25.2 37.8#

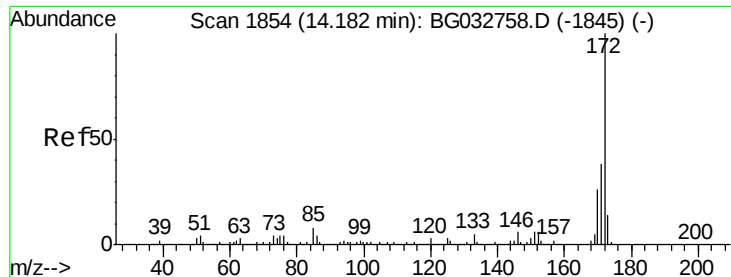


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

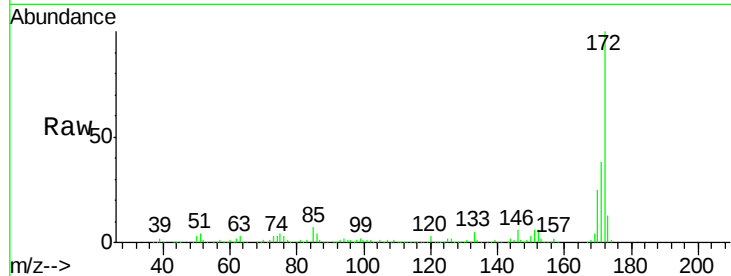




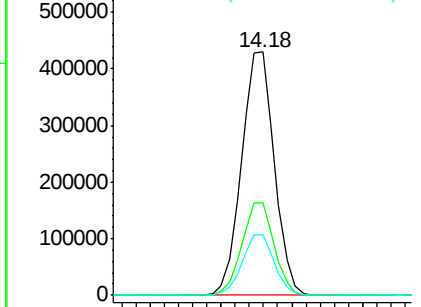
#44
 2-Fluorobiphenyl
 Concen: 65.879 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BG032820.D
 Acq: 26 Feb 2018 14:00

Instrument :
 BNA_G
 ClientSampled :

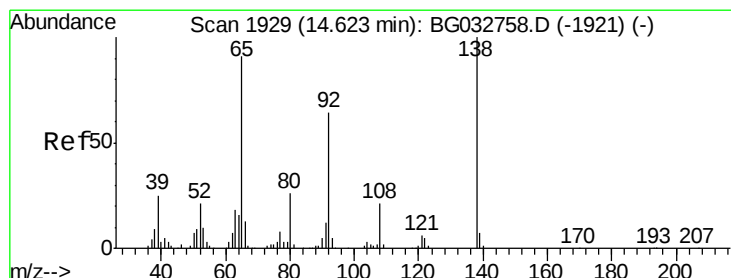
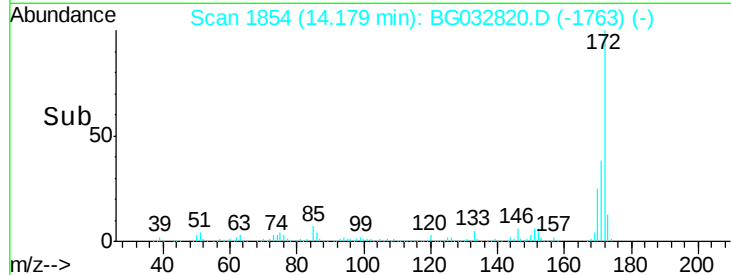
Tot Ion:172 Resp: 696670
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.9 19.5 29.3



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

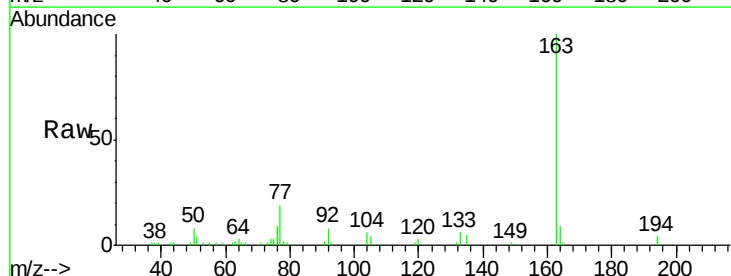


Time-->

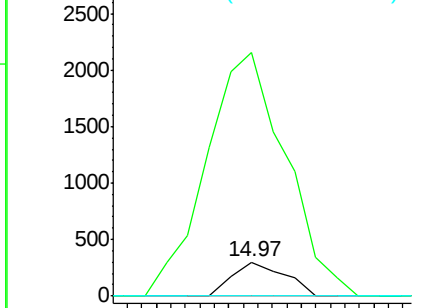


#47
 2-Nitroaniline
 Concen: 9.930 ng
 RT: 14.97 min Scan# 1988
 Delta R.T. 0.35 min
 Lab File: BG032820.D
 Acq: 26 Feb 2018 14:00

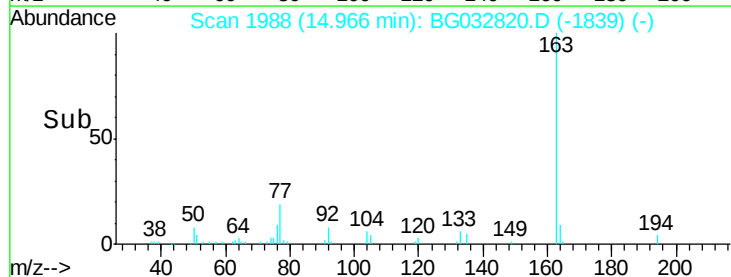
Tgt Ion: 65 Resp: 299
 Ion Ratio Lower Upper
 65 100
 92 722.8 54.6 82.0#
 138 0.0 72.9 109.3#

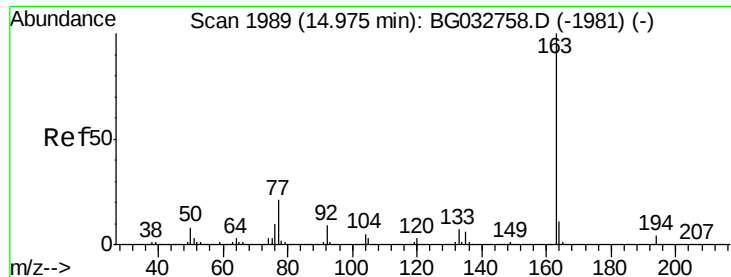


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E



Time-->





#49

Dimethylphthalate

Concen: 2.971 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Instrument :

BNA_G

ClientSampleId :

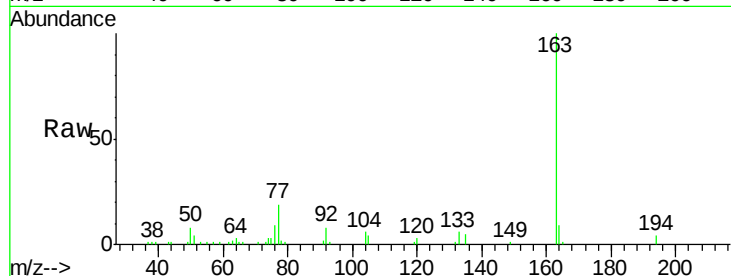
Tot Ion:163 Resp: 38472

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

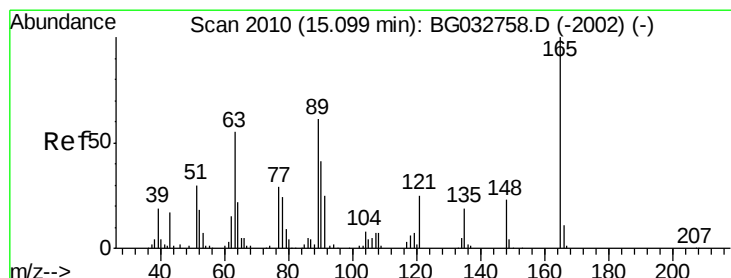
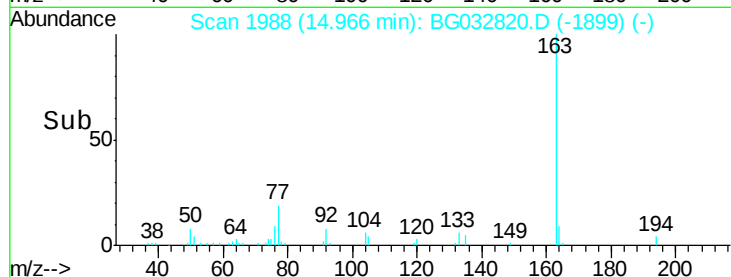
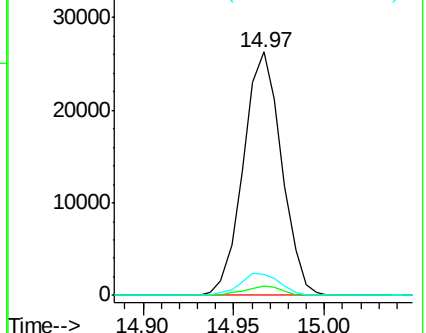
164 8.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 16.352 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.45 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

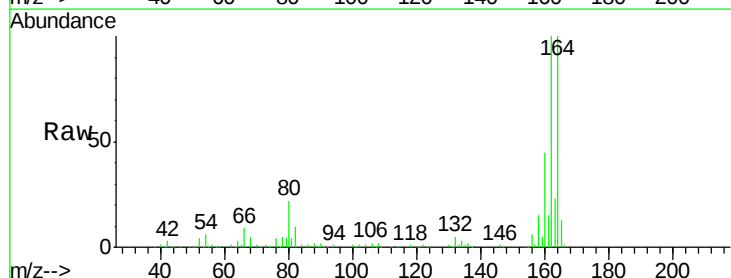
Tgt Ion:165 Resp: 19614

Ion Ratio Lower Upper

165 100

63 2.5 52.7 79.1#

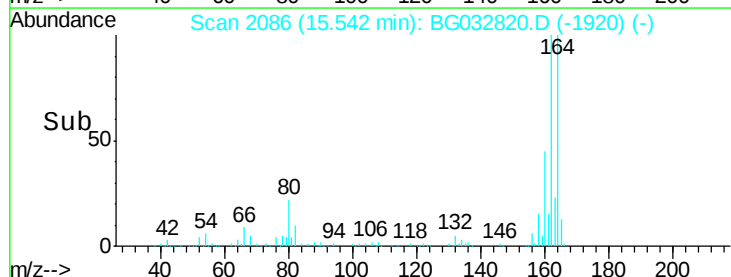
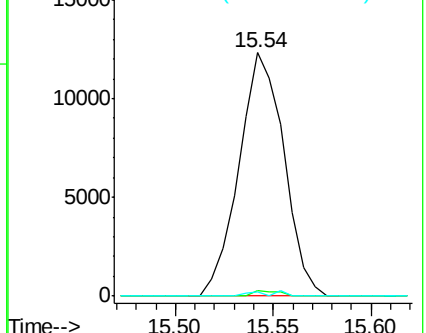
89 1.8 49.2 73.8#

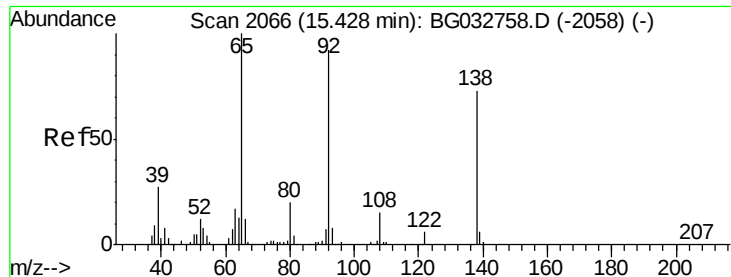


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

3-Nitroaniline

Concen: 7.842 ng

RT: 15.71 min Scan# 2114

Delta R.T. 0.28 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Instrument :

BNA_G

ClientSampleId :

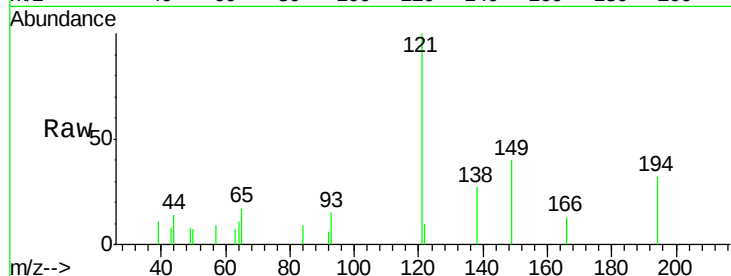
Tot Ion:138 Resp: 939

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

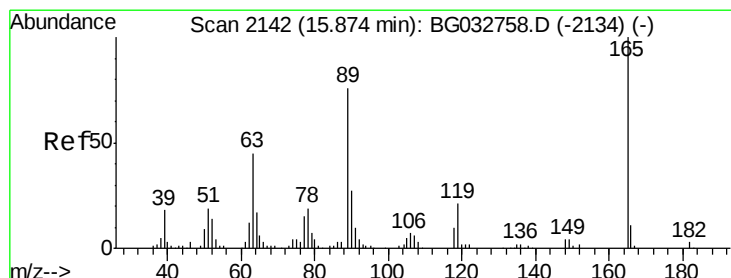
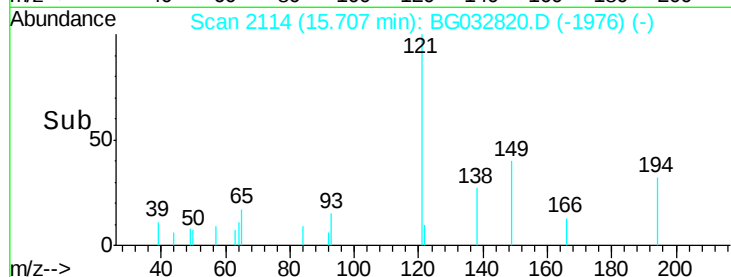
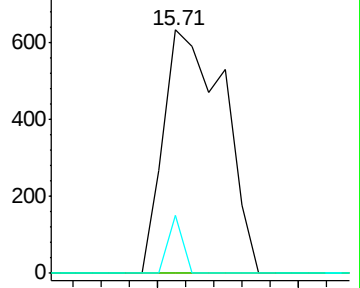
92 23.7 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#56

2,4-Dinitrotoluene

Concen: 14.550 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.32 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Tgt Ion:165 Resp: 19614

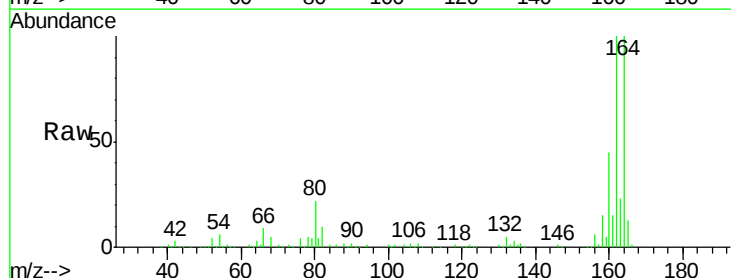
Ion Ratio Lower Upper

165 100

63 2.5 42.0 63.0#

89 1.8 66.9 100.3#

182 0.0 2.6 3.8#

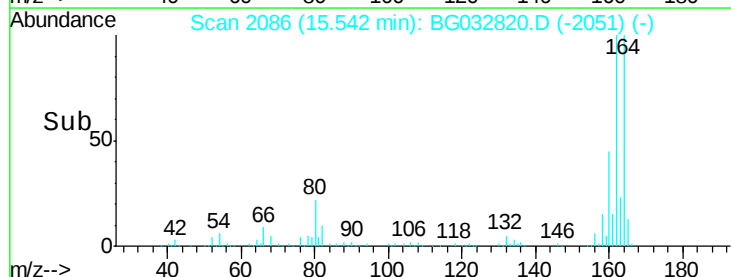
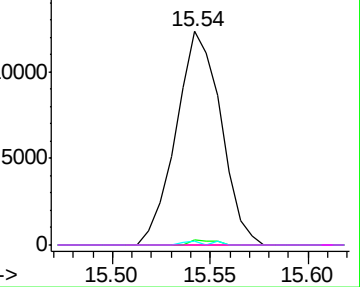


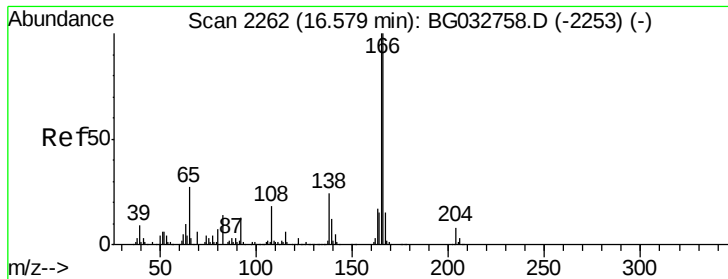
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

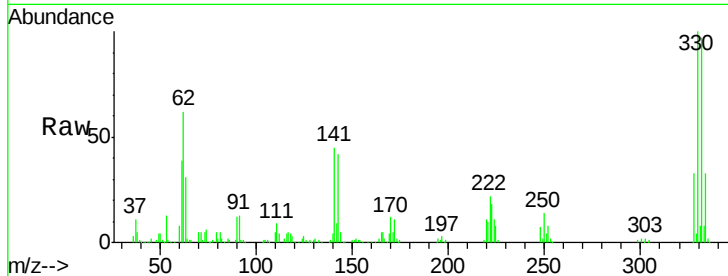




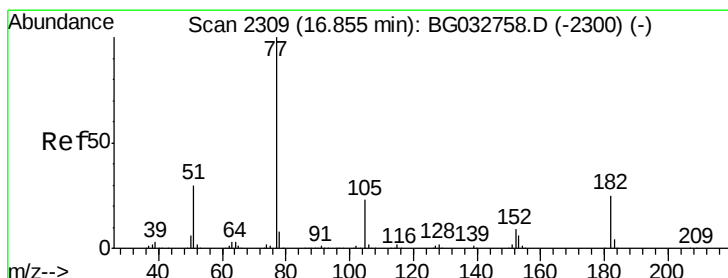
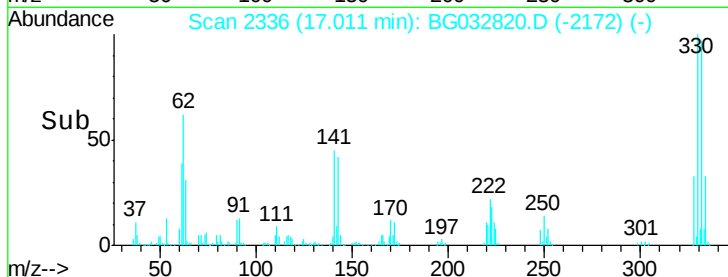
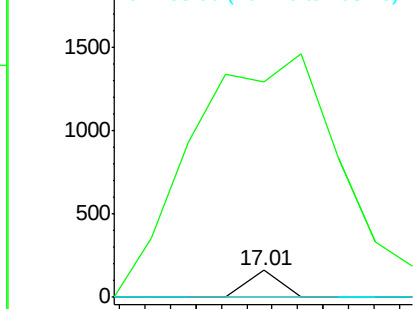
#61
4-Nitroaniline
Concen: 5.318 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.44 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
92 798.8 40.1 80.1#
108 0.0 65.4 105.4#

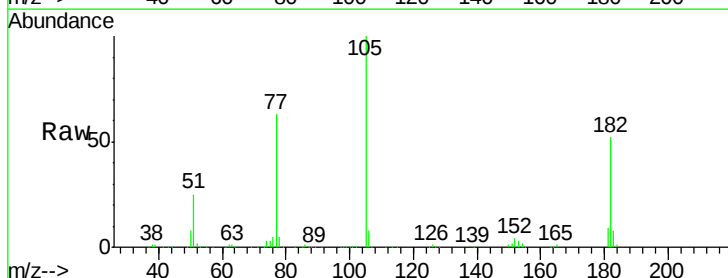


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

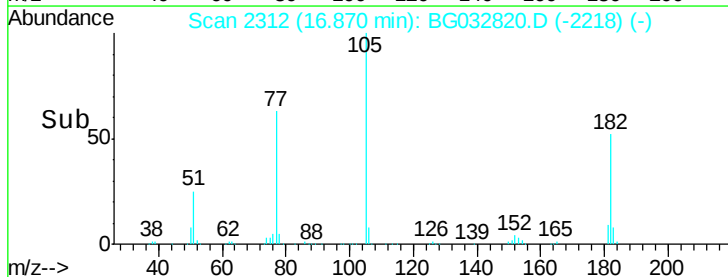
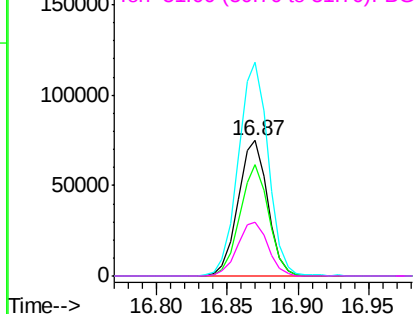


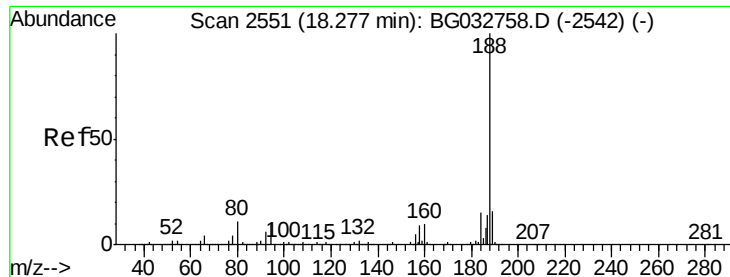
#62
Azobenzene
Concen: 8.932 ng
RT: 16.87 min Scan# 2312
Delta R.T. 0.02 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Tgt Ion: 77 Resp: 109139
Ion Ratio Lower Upper
77 100
182 82.5 7.4 47.4#
105 158.0 0.3 40.3#
51 39.4 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

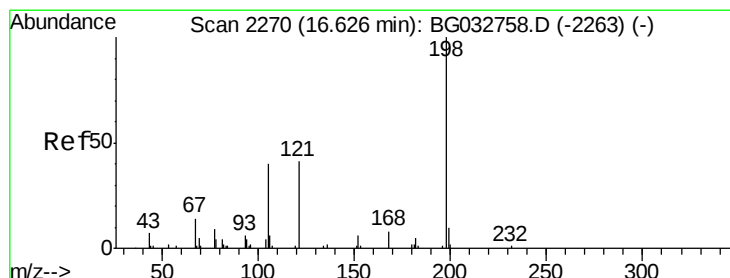
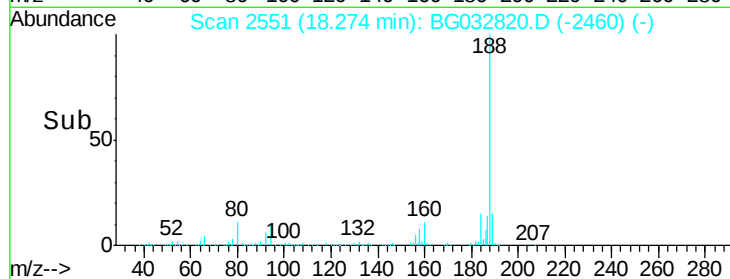
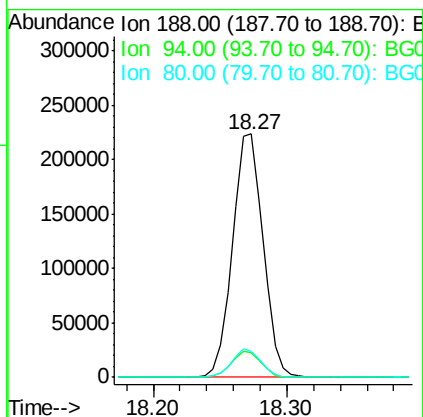
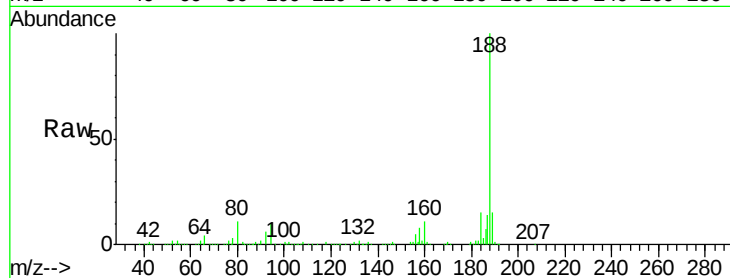




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

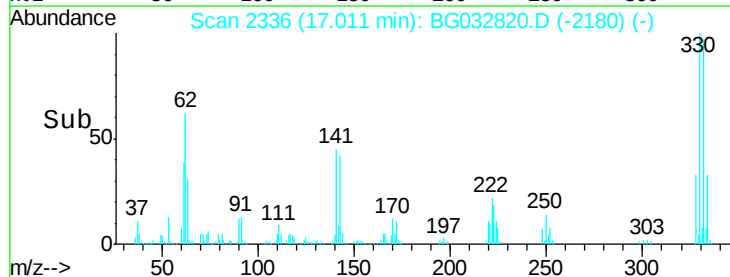
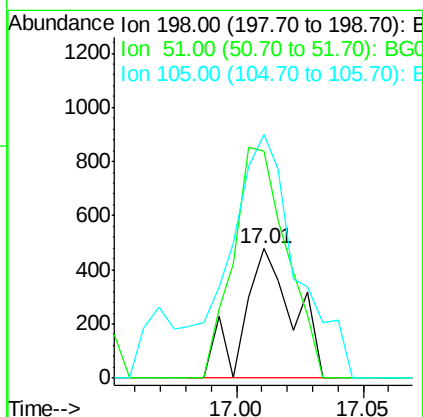
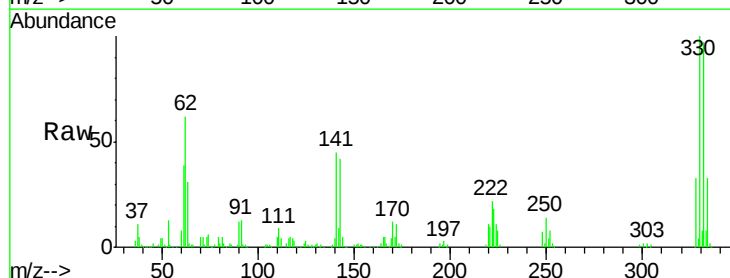
Instrument :
BNA_G
ClientSampleId :

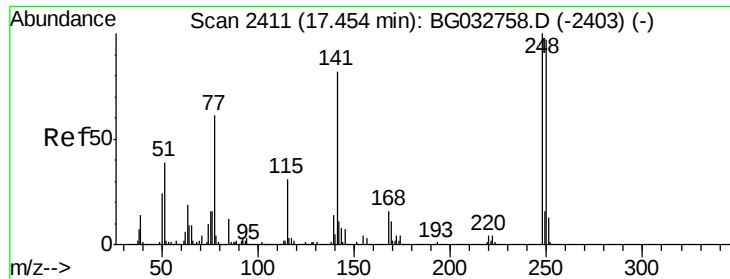
Tot Ion:188 Resp: 355506
Ion Ratio Lower Upper
188 100
94 9.9 6.9 10.3
80 10.8 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 5.734 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.39 min
Lab File: BG032820.D
Acq: 26 Feb 2018 14:00

Tgt Ion:198 Resp: 657
Ion Ratio Lower Upper
198 100
51 175.9 30.6 70.6#
105 188.5 23.8 63.8#

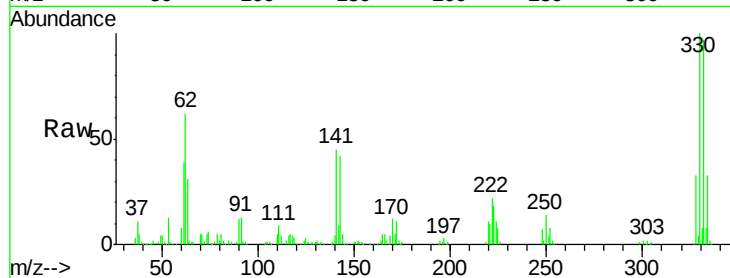




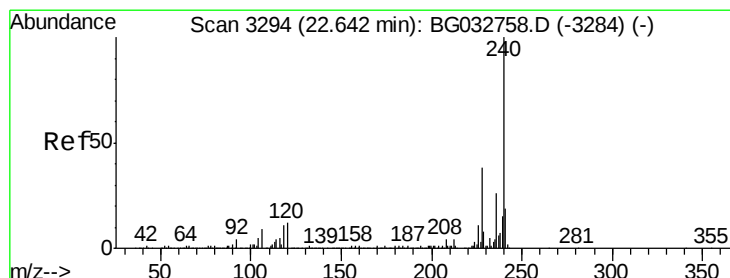
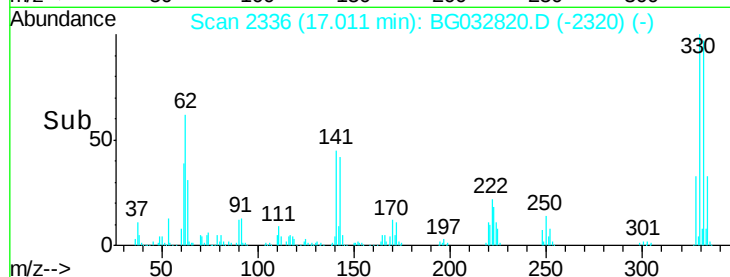
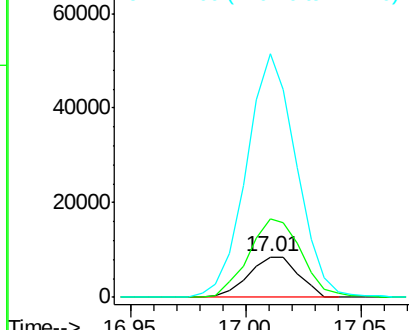
#66
 4-Bromophenyl-phenylether
 Concen: 3.388 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.43 min
 Lab File: BG032820.D
 Acq: 26 Feb 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 12735
 Ion Ratio Lower Upper
 248 100
 250 196.7 77.1 115.7#
 141 605.7 50.8 76.2#

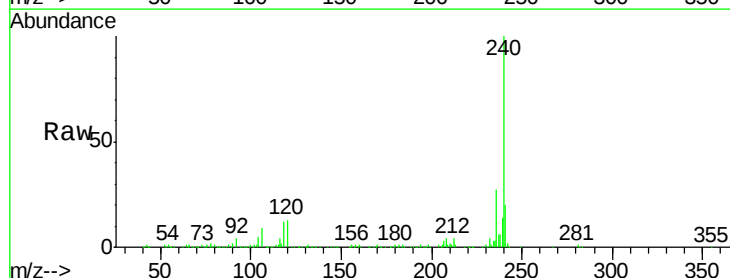


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

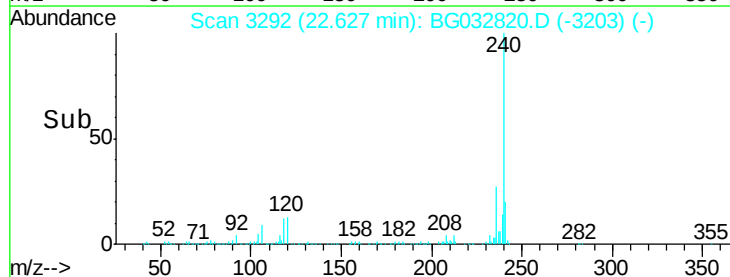
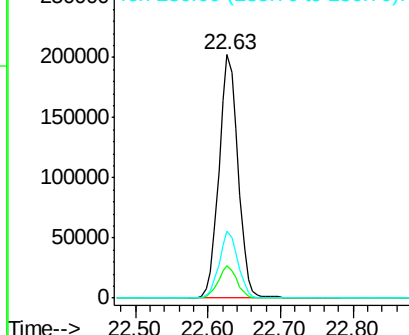


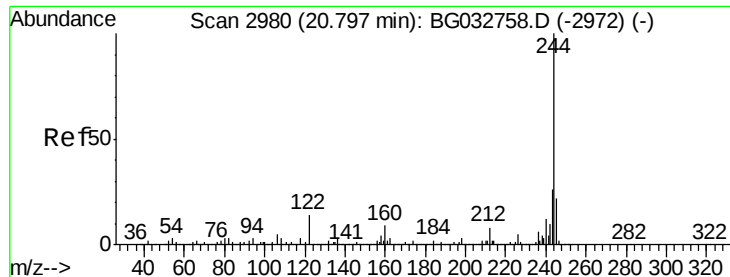
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. -0.01 min
 Lab File: BG032820.D
 Acq: 26 Feb 2018 14:00

Tgt Ion:240 Resp: 370015
 Ion Ratio Lower Upper
 240 100
 120 13.2 6.8 10.2#
 236 27.5 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: 64.388 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

Instrument :

BNA_G

ClientSampled :

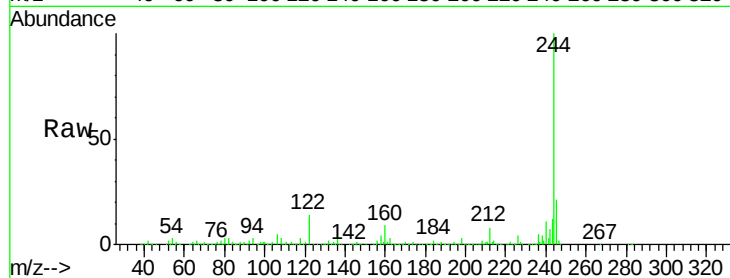
Tot Ion:244 Resp: 1060416

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

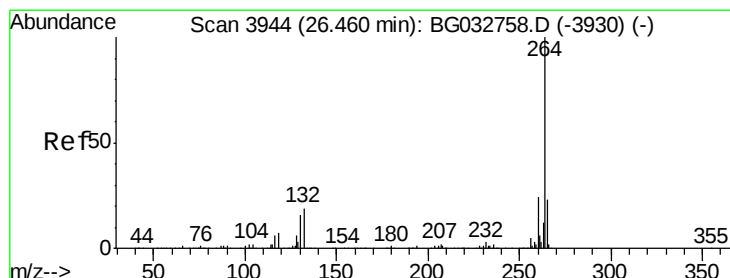
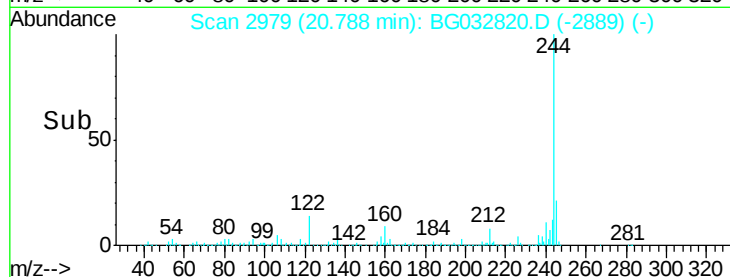
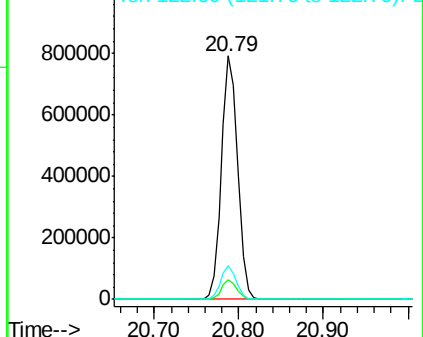
122 13.9 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.44 min Scan# 3941

Delta R.T. 0.00 min

Lab File: BG032820.D

Acq: 26 Feb 2018 14:00

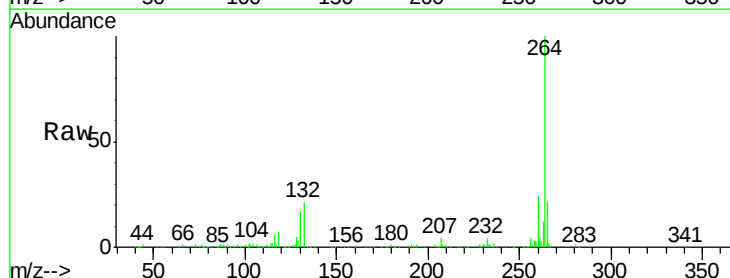
Tgt Ion:264 Resp: 400931

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

