

Data Path : U:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032502.D
 Acq On : 1 Feb 2018 22:53
 Operator : SJ/JU
 Sample : J1408-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 02 02:51:04 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

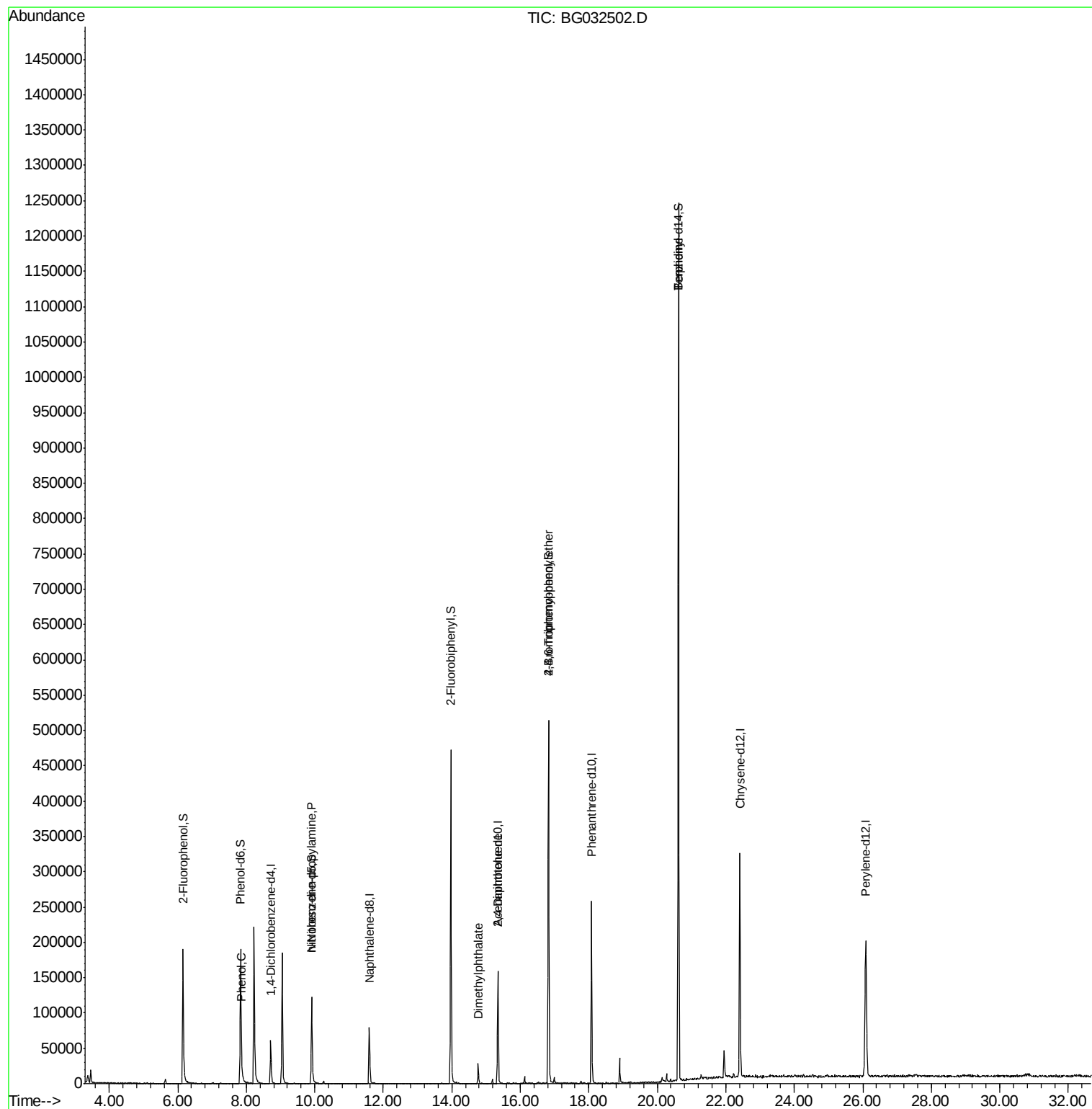
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	23033	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	89536	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	65674	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	182587	20.00	ng	0.00
75) Chrysene-d12	22.41	240	250373	20.00	ng	-0.01
86) Perylene-d12	26.08	264	268955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	111678	97.39	ng	0.00
7) Phenol-d6	7.83	99	139495	91.16	ng	0.00
23) Nitrobenzene-d5	9.91	82	87115	60.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	124293	99.43	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	295252	53.43	ng	-0.01
78) Terphenyl-d14	20.62	244	678364	58.04	ng	0.00
Target Compounds						
10) Phenol	7.86	94	3083	2.122	ng	# 51
19) n-Nitroso-di-n-propylamine	9.91	70	12719	12.536	ng	# 71
49) Dimethylphthalate	14.77	163	24264	4.007	ng	# 99
56) 2,4-Dinitrotoluene	15.34	165	8572	4.737	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	10907	4.032	ng	# 1
76) Benzidine	20.61	184	10069	2.048	ng	# 91

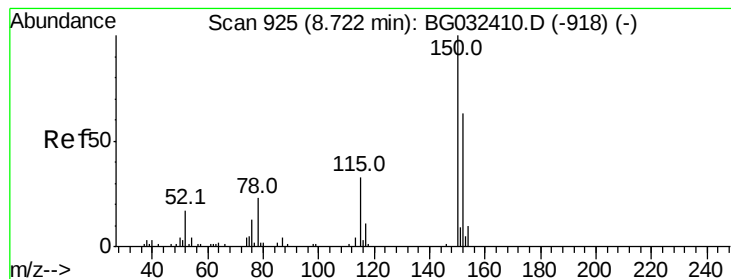
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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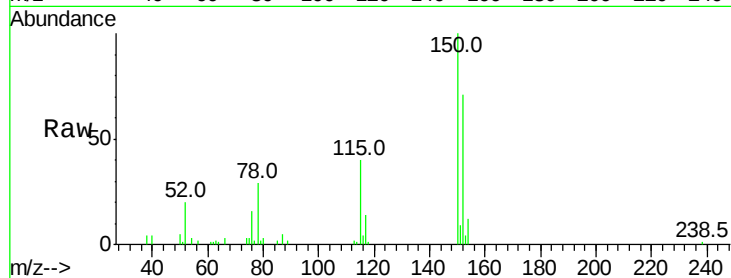


#1

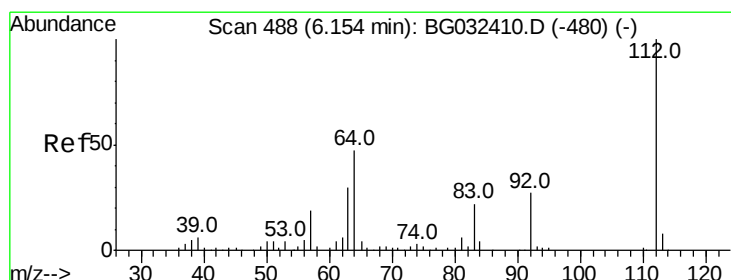
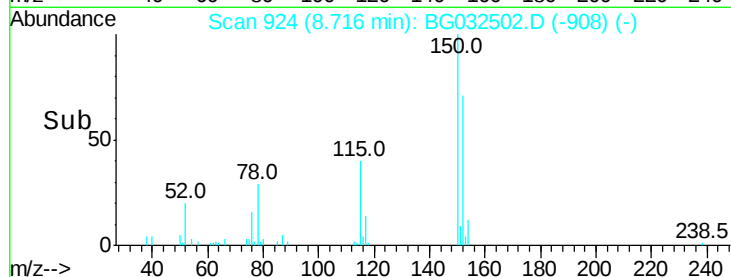
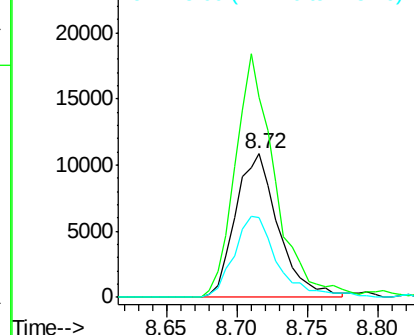
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 23033
Ion Ratio Lower Upper
152 100
150 139.9 126.6 189.8
115 55.8 53.0 79.4



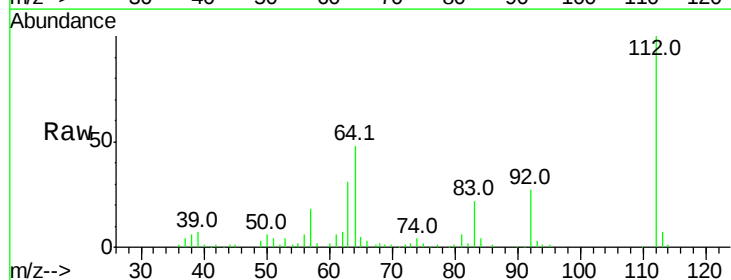
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



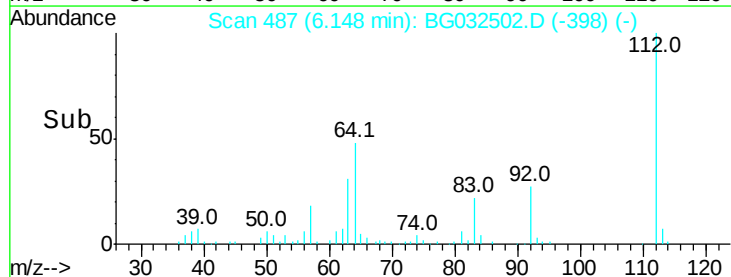
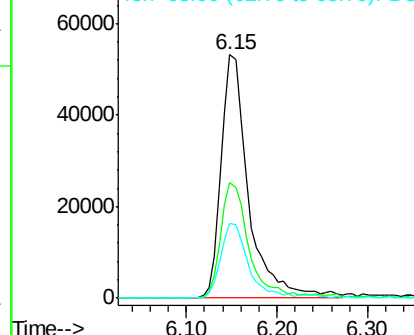
#5

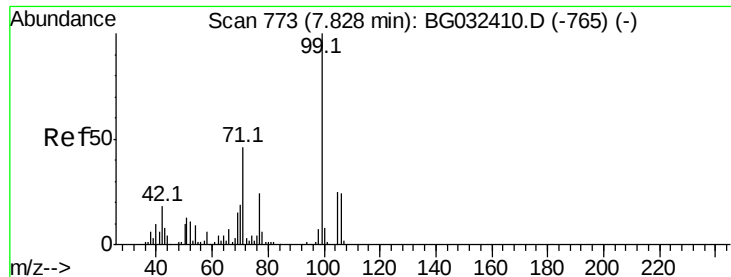
2-Fluorophenol
Concen: 97.387 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion:112 Resp: 111678
Ion Ratio Lower Upper
112 100
64 47.6 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: 91.159 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

Instrument :

BNA_G

ClientSampled :

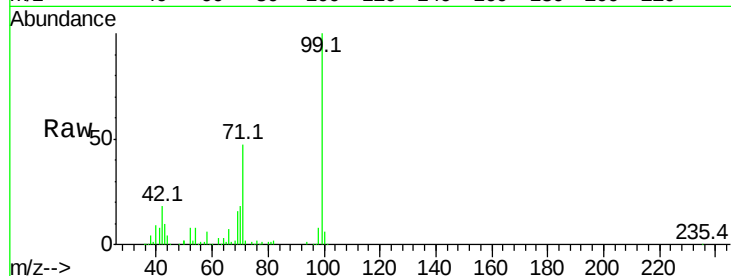
Tot Ion: 99 Resp: 139495

Ion Ratio Lower Upper

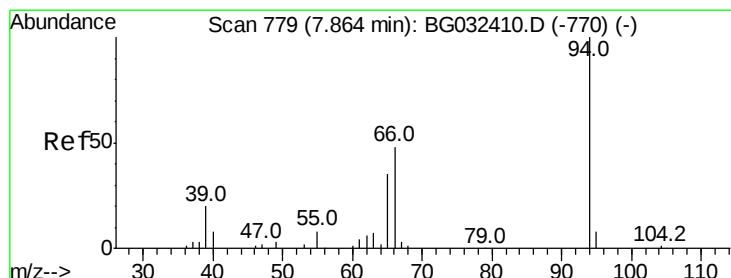
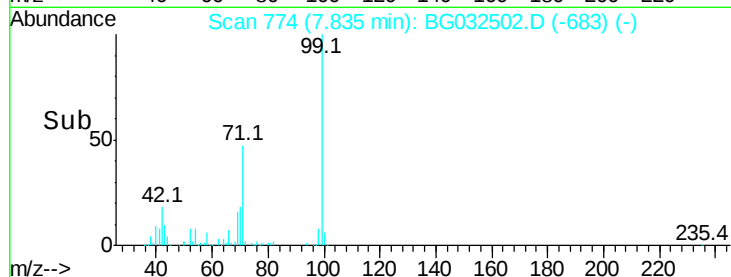
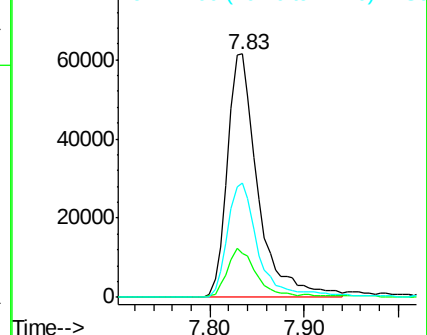
99 100

42 18.1 14.1 21.1

71 46.7 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: 2.122 ng

RT: 7.86 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

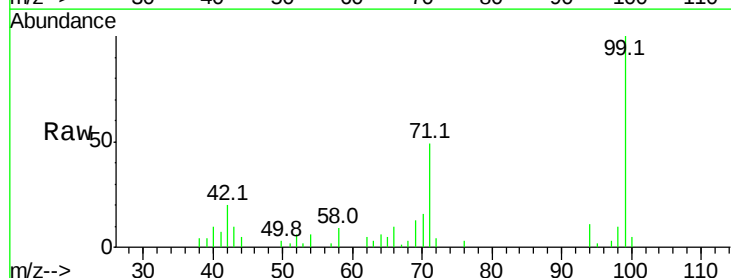
Tgt Ion: 94 Resp: 3083

Ion Ratio Lower Upper

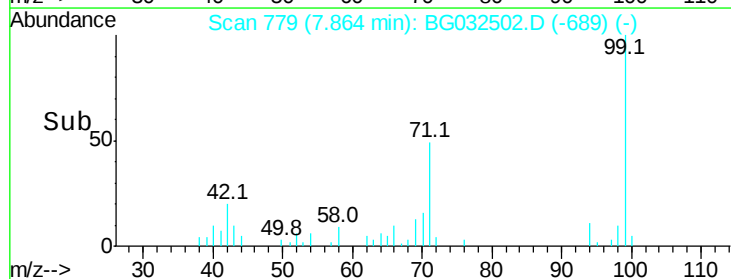
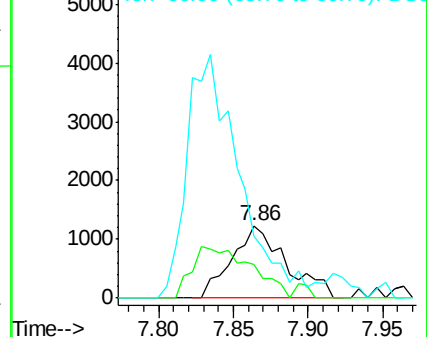
94 100

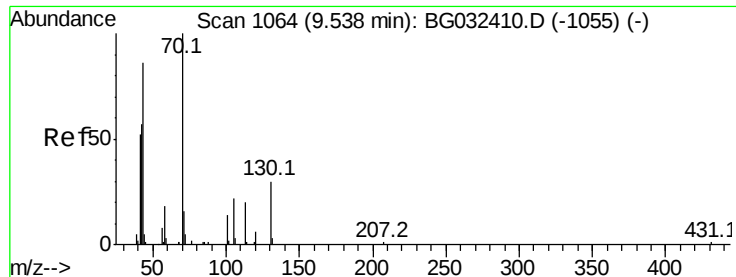
65 46.3 11.9 51.9

66 84.8 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

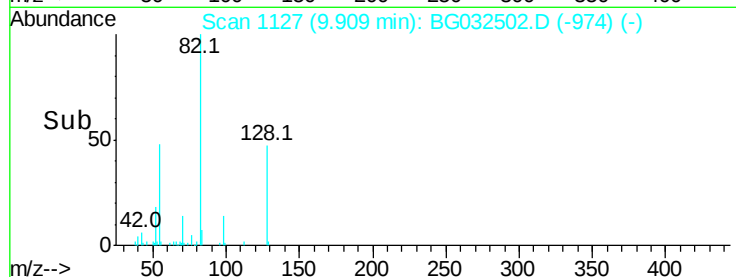
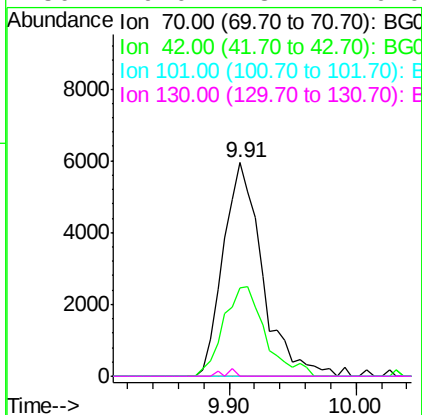
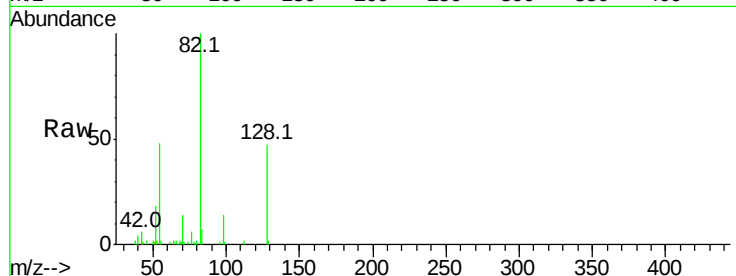




#19
n-Nitroso-di-n-propylamine
Concen: 12.536 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

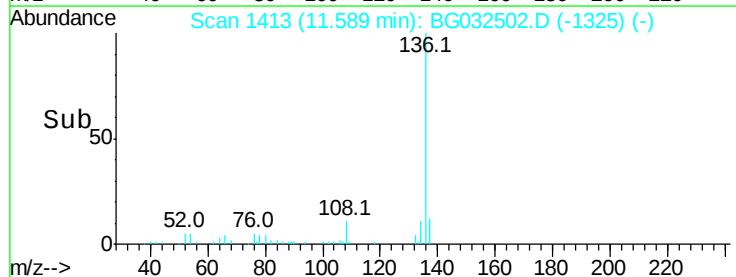
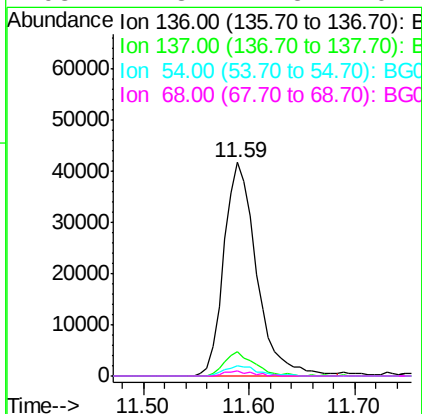
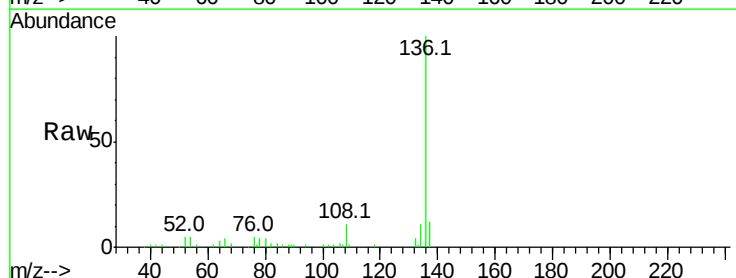
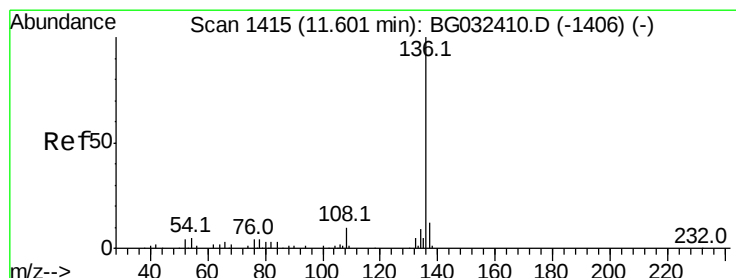
Instrument :
BNA_G
ClientSampleId :

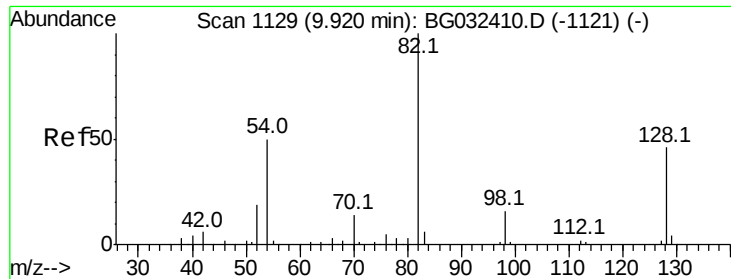
Tot Ion: 70 Resp: 12719
Ion Ratio Lower Upper
70 100
42 41.4 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion: 136 Resp: 89536
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 4.9 10.3 15.5#
68 2.3 4.5 6.7#

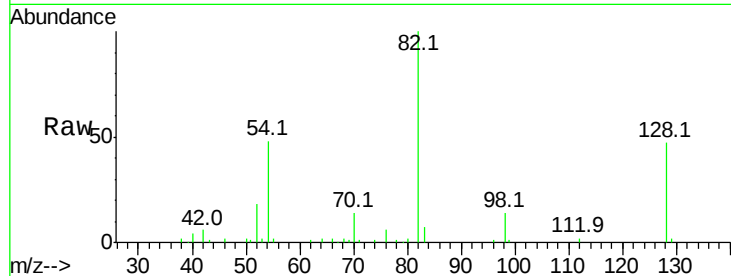




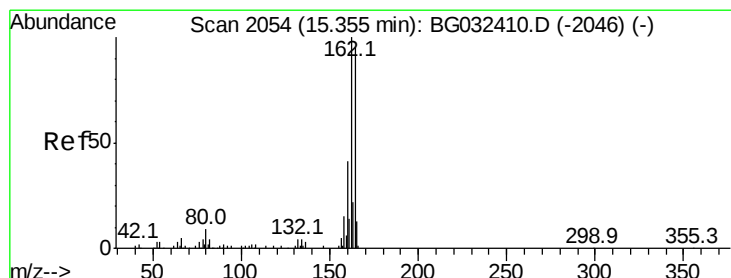
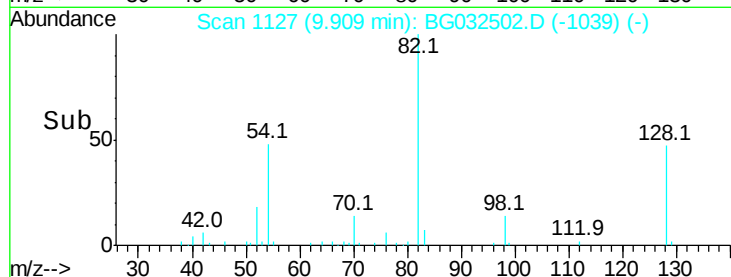
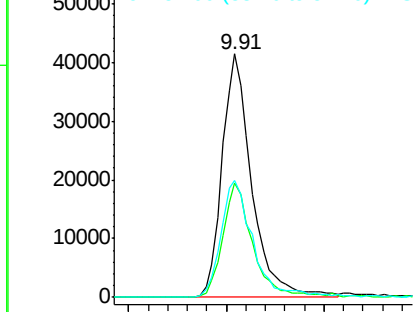
#23
 Nitrobenzene-d5
 Concen: 60.772 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032502.D
 Acq: 1 Feb 2018 22:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	87115
Ion Ratio	100	Lower	Upper
128	46.9	29.7	44.5#
54	48.1	43.1	64.7

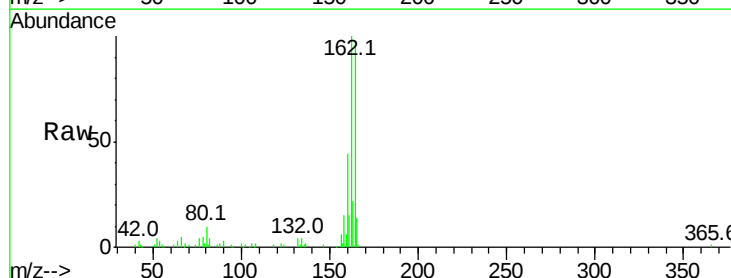


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

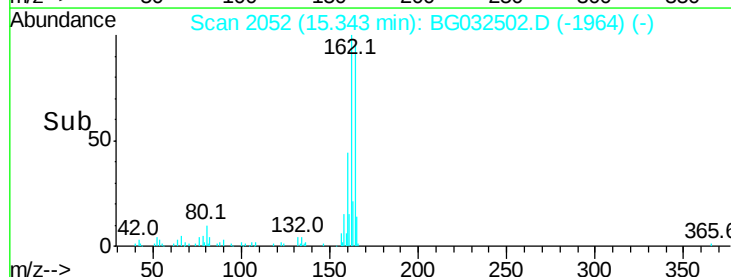
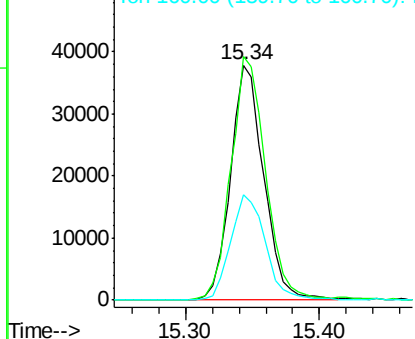


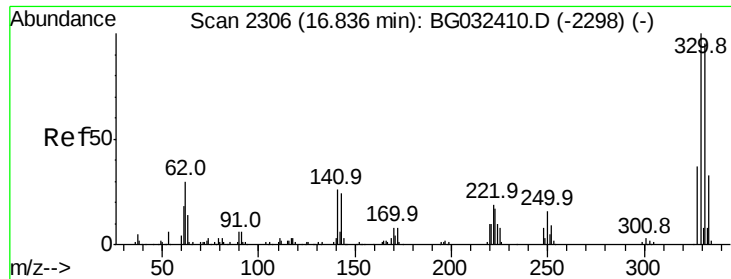
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032502.D
 Acq: 1 Feb 2018 22:53

Tgt Ion	164	Resp	65674
Ion Ratio	100	Lower	Upper
162	103.6	78.8	118.2
160	45.1	35.4	53.0



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

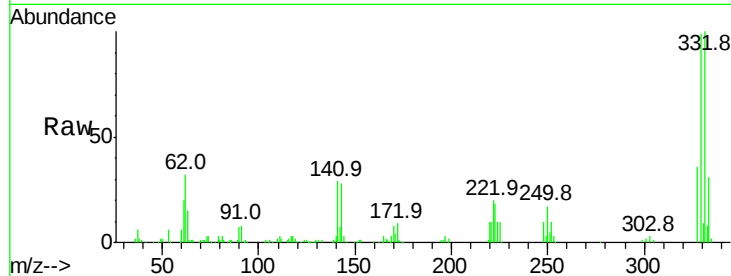




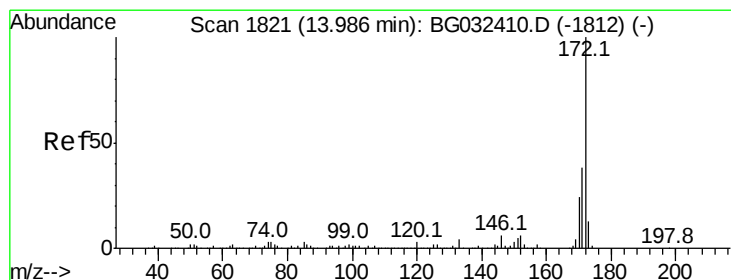
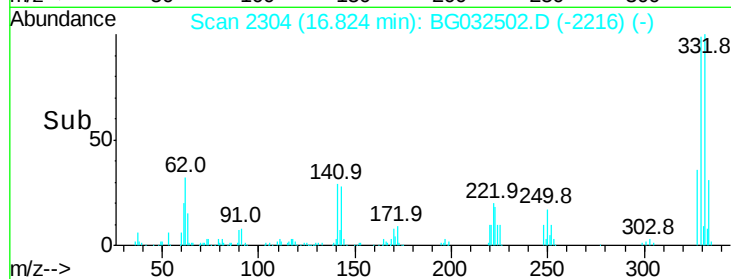
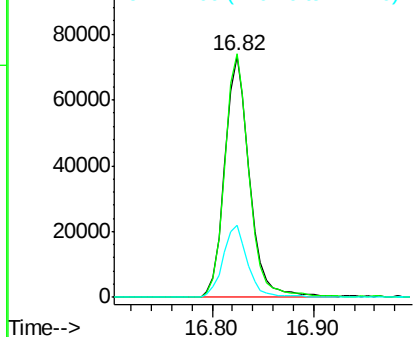
#41
 2,4,6-Tribromophenol
 Concen: 99.426 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032502.D
 Acq: 1 Feb 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 124293
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.0 115.6
 141 29.5 25.2 37.8

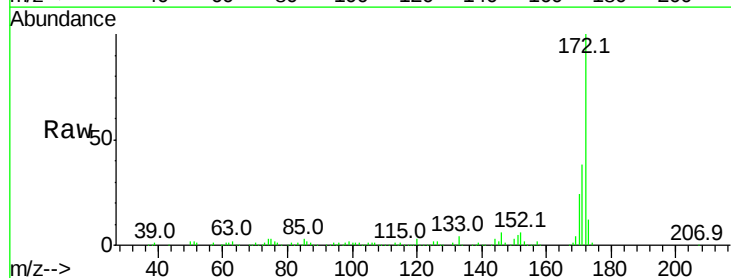


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

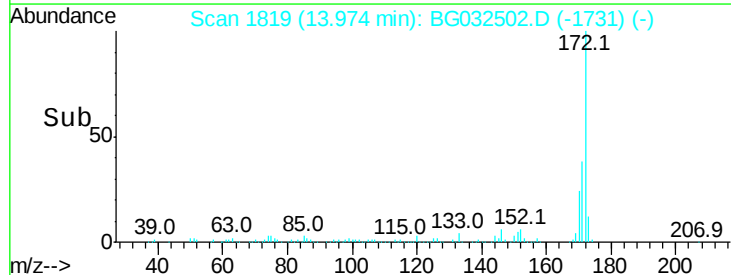
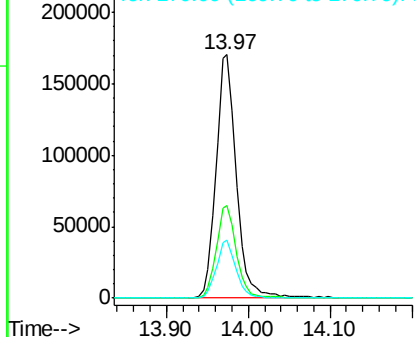


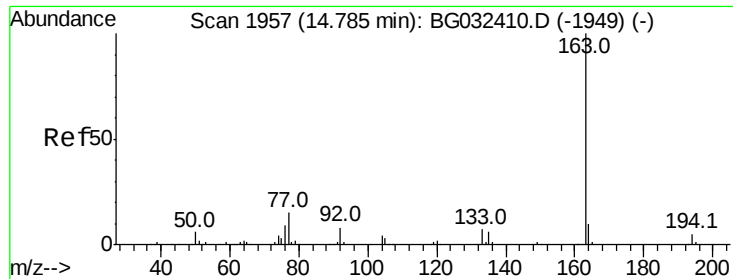
#44
 2-Fluorobiphenyl
 Concen: 53.435 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032502.D
 Acq: 1 Feb 2018 22:53

Tgt Ion:172 Resp: 295252
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.9 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





#49

Dimethylphthalate

Concen: 4.007 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

Instrument :

BNA_G

ClientSampleId :

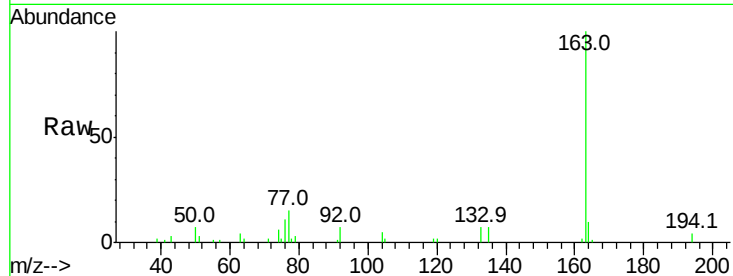
Tot Ion:163 Resp: 24264

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

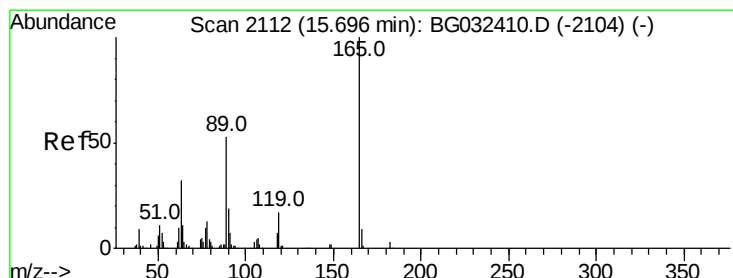
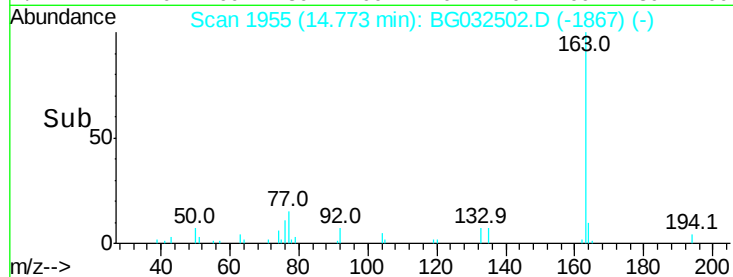
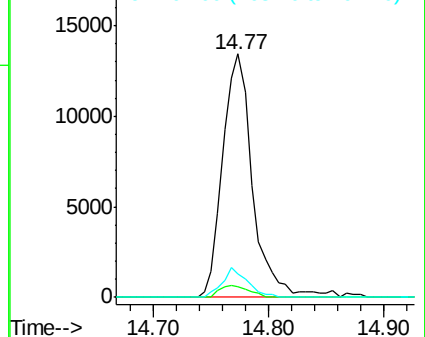
164 9.8 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 4.737 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.35 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

Tgt Ion:165 Resp: 8572

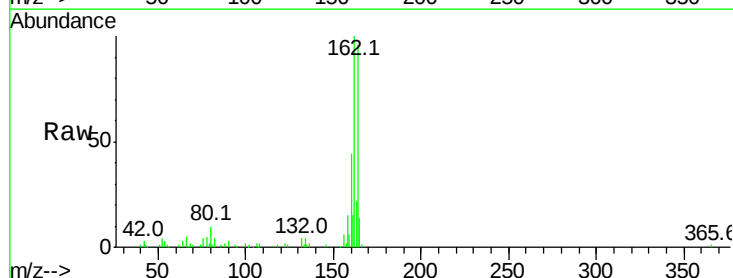
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

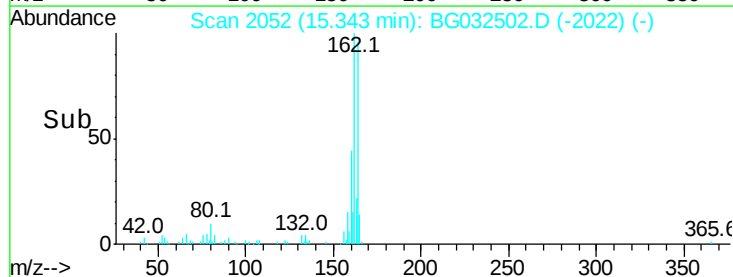
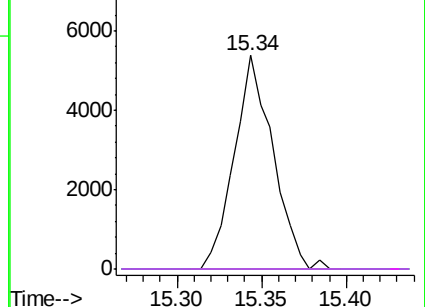


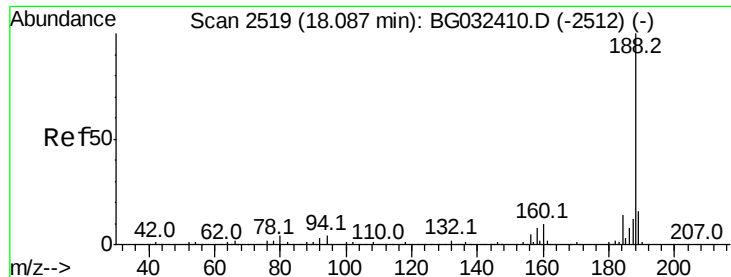
Abundance Ion 165.00 (164.70 to 165.70): E

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

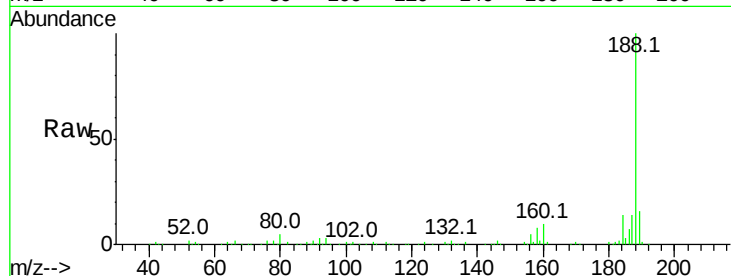




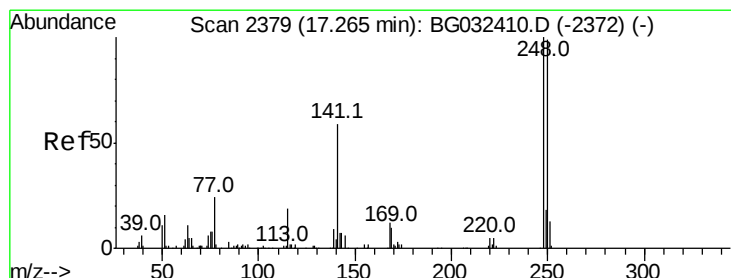
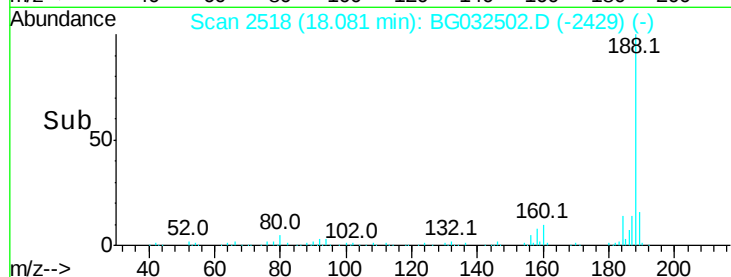
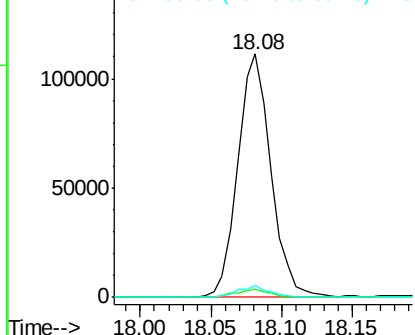
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BG032502.D
 Acq: 1 Feb 2018 22:53

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:188 Resp: 182587
 Ion Ratio Lower Upper
 188 100
 94 3.5 6.9 10.3#
 80 4.8 7.7 11.5#

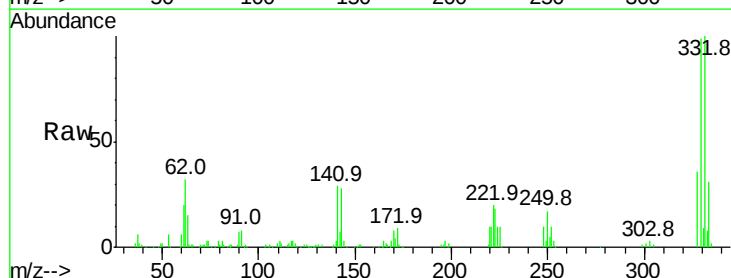


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

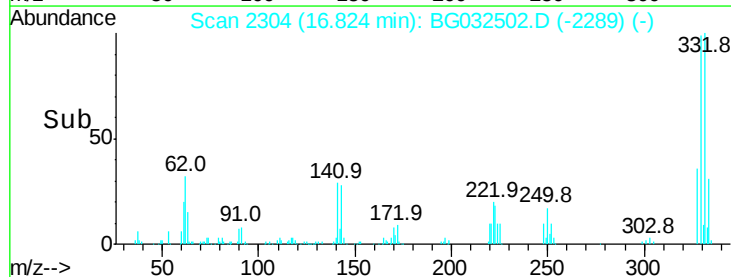
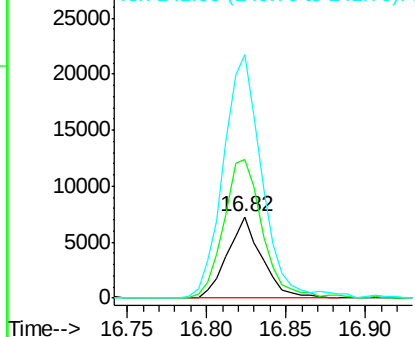


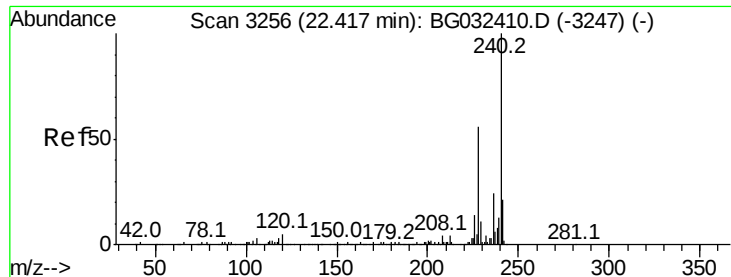
#66
 4-Bromophenyl-phenylether
 Concen: 4.032 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.44 min
 Lab File: BG032502.D
 Acq: 1 Feb 2018 22:53

Tgt Ion:248 Resp: 10907
 Ion Ratio Lower Upper
 248 100
 250 170.4 77.1 115.7#
 141 299.9 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: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

Instrument :

BNA_G

ClientSampleId :

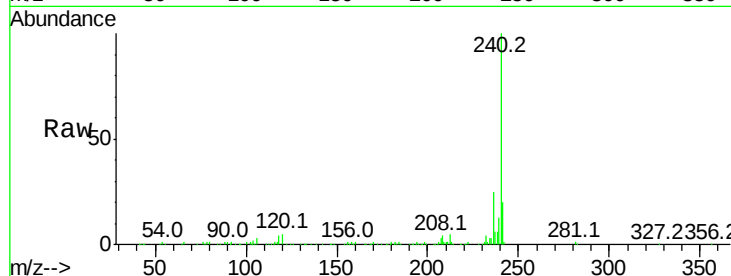
Tot Ion:240 Resp: 250373

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

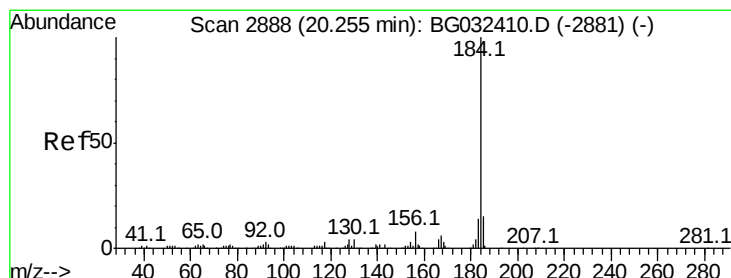
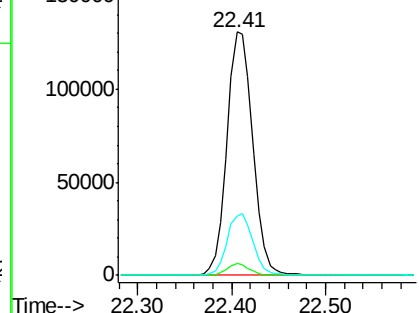
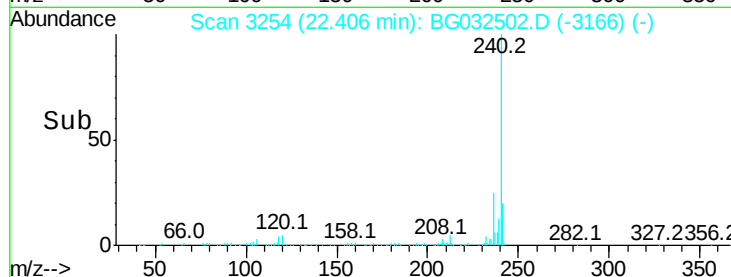
236 24.6 20.9 31.3



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



#76

Benzidine

Concen: 2.048 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032502.D

Acq: 1 Feb 2018 22:53

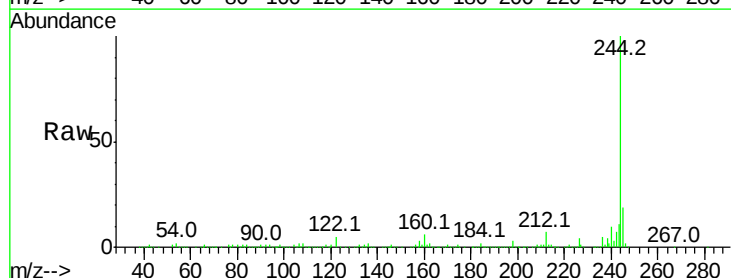
Tgt Ion:184 Resp: 10069

Ion Ratio Lower Upper

184 100

185 13.2 11.1 16.7

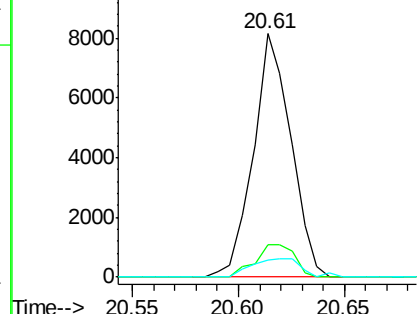
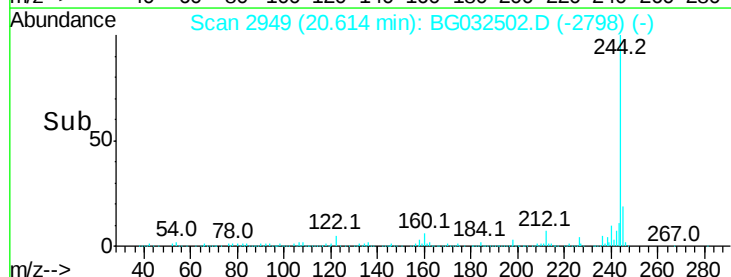
183 6.8 10.6 16.0#

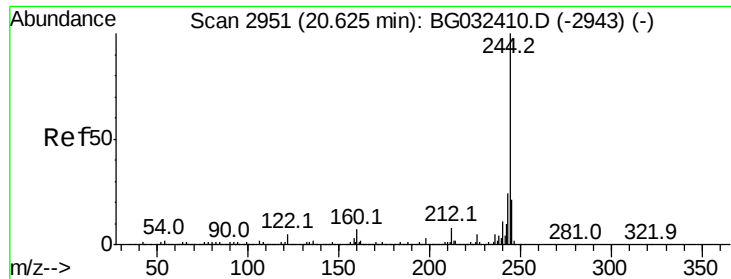


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

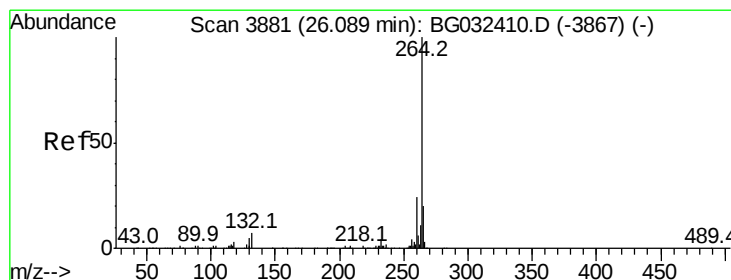
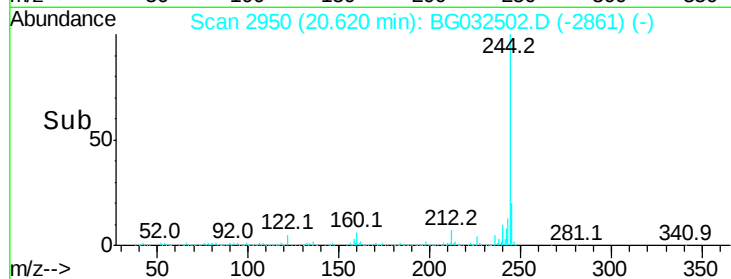
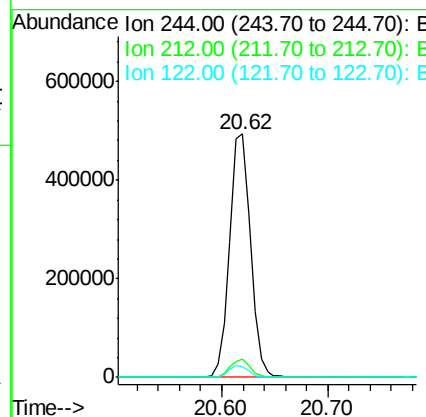
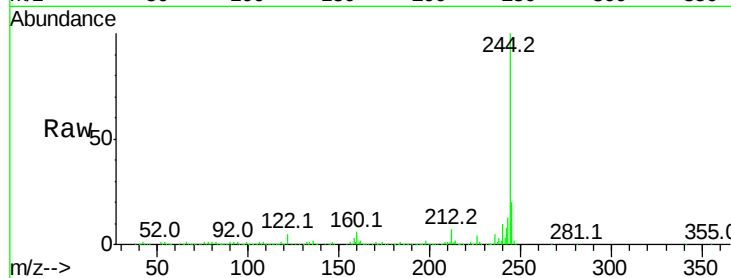




#78
 Terphenyl-d14
 Concen: 58.038 ng
 RT: 20.62 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BG032502.D
 Acq: 1 Feb 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 678364
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 4.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3880
 Delta R.T. -0.01 min
 Lab File: BG032502.D
 Acq: 1 Feb 2018 22:53

Tgt Ion:264 Resp: 268955
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.4 26.0
 265 21.7 17.7 26.5

