

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022218\
 Data File : BG032784.D
 Acq On : 22 Feb 2018 17:05
 Operator : SJ/JU
 Sample : J1635-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-6FT

Quant Time: Feb 22 18:04:51 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	81259	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	347043	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	189501	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	431537	20.00	ng	-0.01
75) Chrysene-d12	22.62	240	408793	20.00	ng	-0.02
86) Perylene-d12	26.44	264	433903	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	610413	120.18	ng	0.00
7) Phenol-d6	8.02	99	726051	102.55	ng	0.00
23) Nitrobenzene-d5	10.12	82	501975	98.58	ng	-0.01
41) 2,4,6-Tribromophenol	17.01	330	293889	147.49	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1123296	85.49	ng	0.00
78) Terphenyl-d14	20.79	244	1674199	92.01	ng	0.00

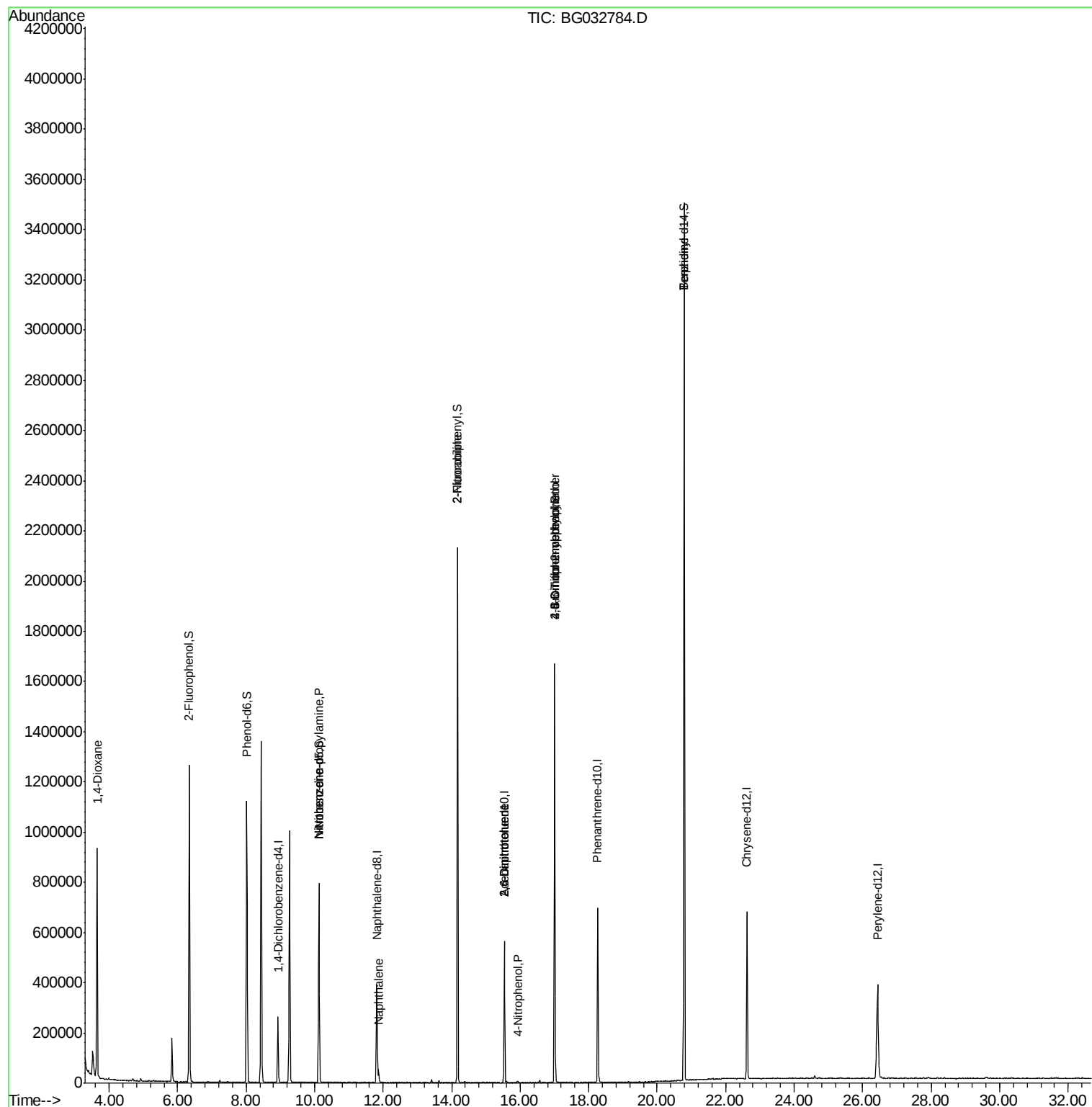
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	9455	4.289	ng	# 1
19) n-Nitroso-di-n-propylamine	10.12	70	64198	12.845	ng	# 80
24) Nitrobenzene	10.13	77	1718	6.649	ng	# 39
31) Naphthalene	11.87	128	48601	2.680	ng	# 97
47) 2-Nitroaniline	14.18	65	1932	10.328	ng	# 2
50) 2,6-Dinitrotoluene	15.54	165	24303	16.332	ng	# 20
55) 4-Nitrophenol	15.93	139	2168	7.831	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	24303	14.529	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.01	198	888	5.823	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	21072	4.618	ng	# 1
76) Benzidine	20.78	184	28108	2.017	ng	# 89

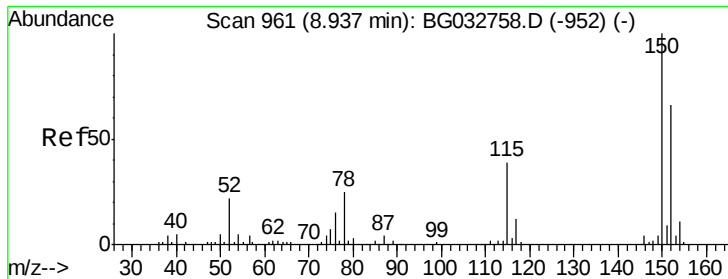
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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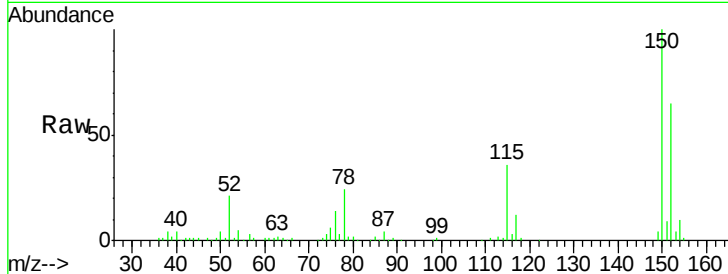


#1

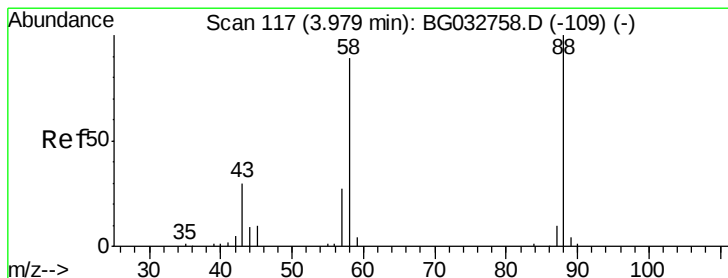
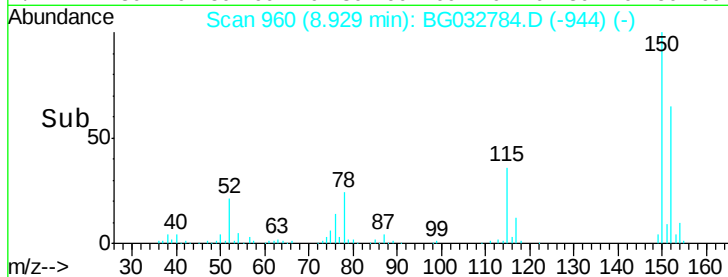
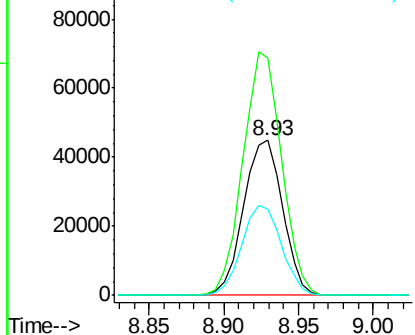
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

Instrument :
BNA_G
ClientSampleId :
TP-1-6FT

Tot Ion:152 Resp: 81259
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 55.3 53.0 79.4



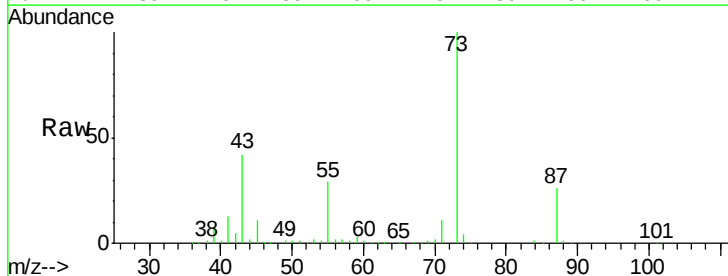
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



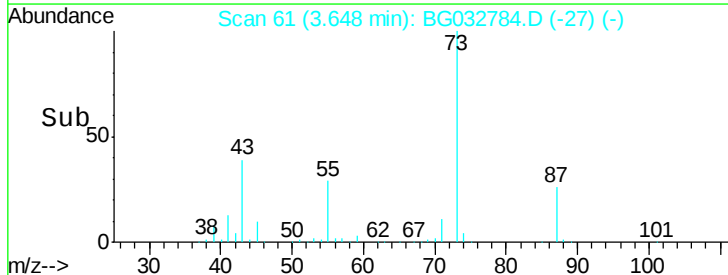
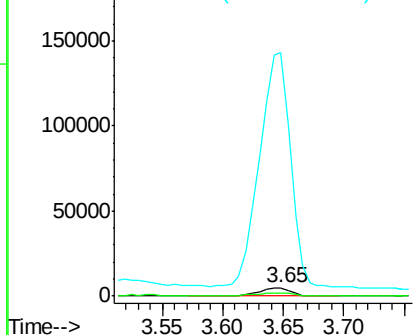
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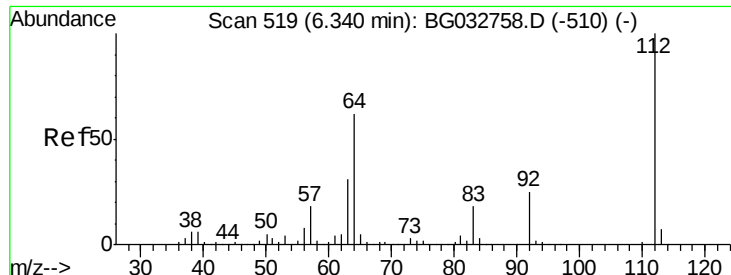
1,4-Dioxane
Concen: 4.289 ng
RT: 3.65 min Scan# 61
Delta R.T. -0.33 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

Tgt Ion: 88 Resp: 9455
Ion Ratio Lower Upper
88 100
58 32.3 79.6 119.4#
43 2644.6 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 120.180 ng

RT: 6.34 min Scan# 519

Delta R.T. -0.00 min

Lab File: BG032784.D

Acq: 22 Feb 2018 17:05

Instrument :

BNA_G

ClientSampleId :

TP-1-6FT

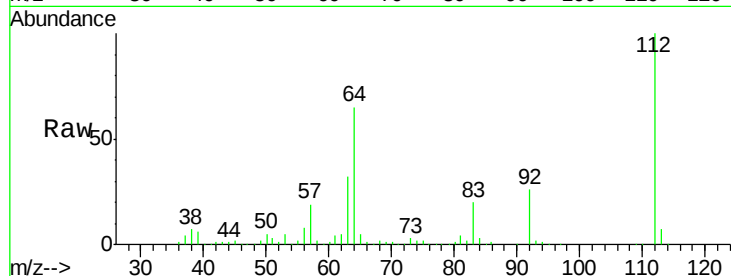
Tot Ion:112 Resp: 610413

Ion Ratio Lower Upper

112 100

64 65.3 56.3 84.5

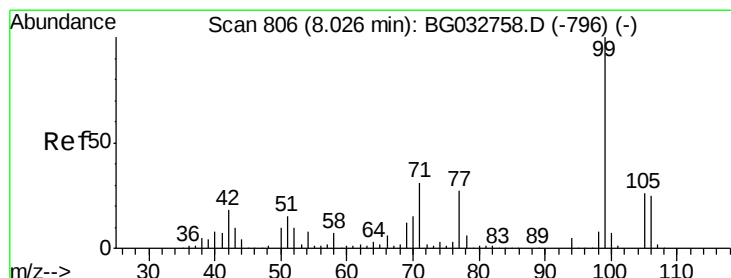
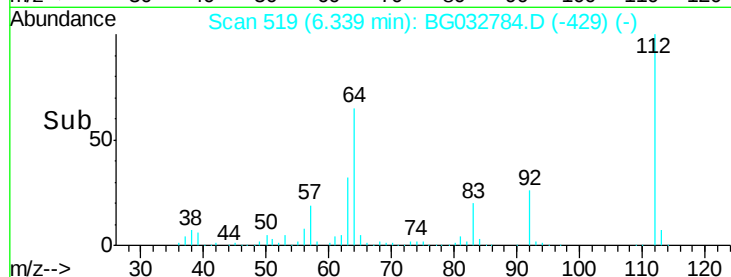
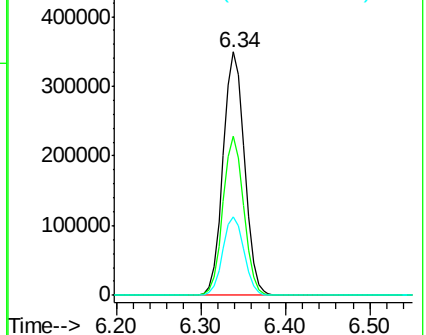
63 32.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 102.555 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032784.D

Acq: 22 Feb 2018 17:05

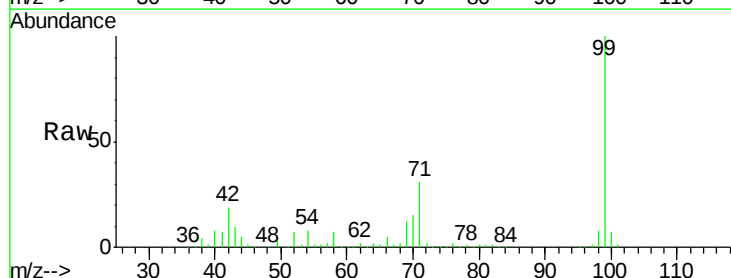
Tgt Ion: 99 Resp: 726051

Ion Ratio Lower Upper

99 100

42 18.6 14.1 21.1

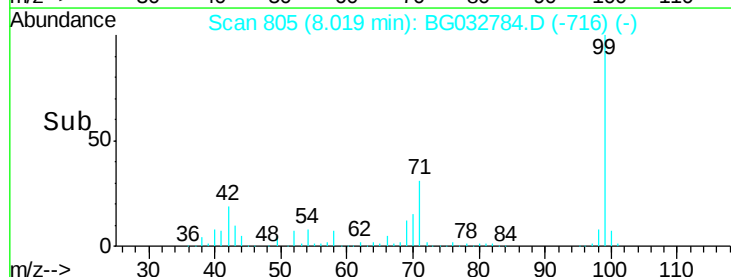
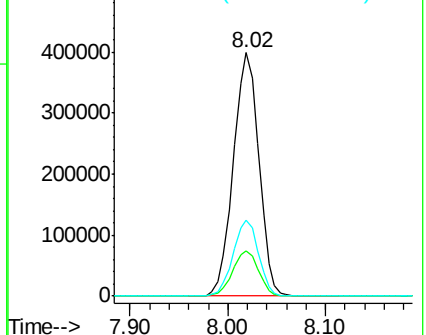
71 31.0 26.1 39.1

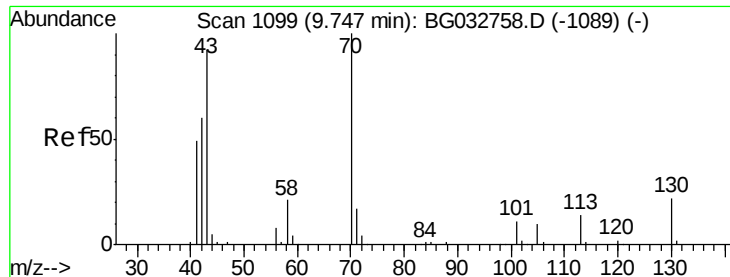


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

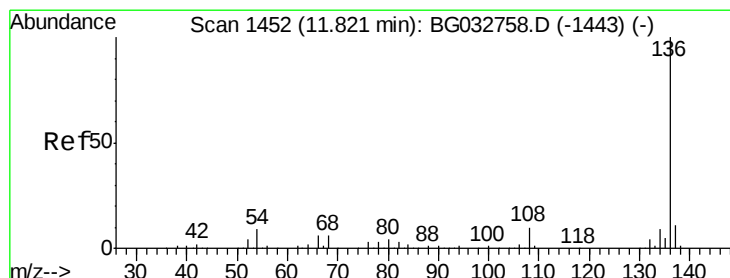
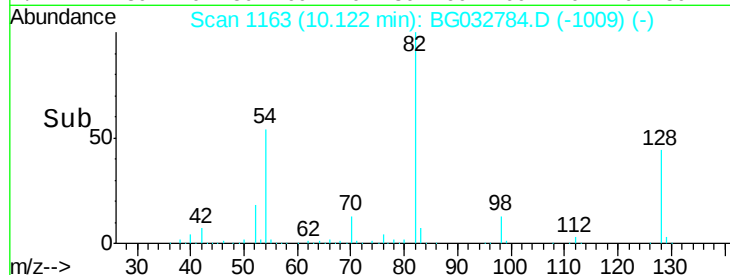
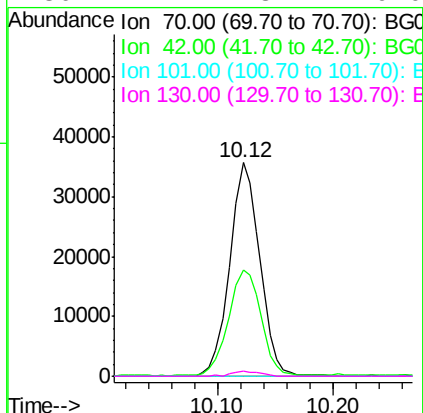
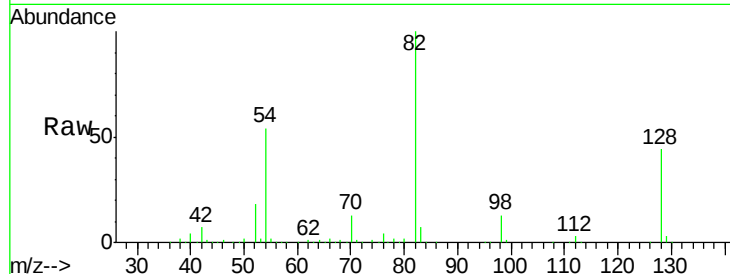




#19
n-Nitroso-di-n-propylamine
Concen: 12.845 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.37 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

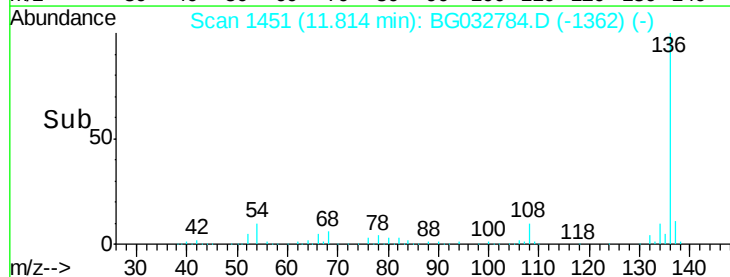
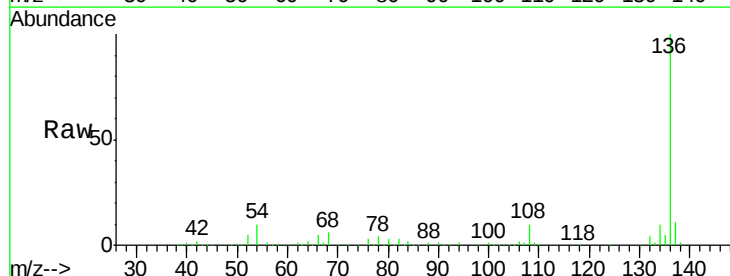
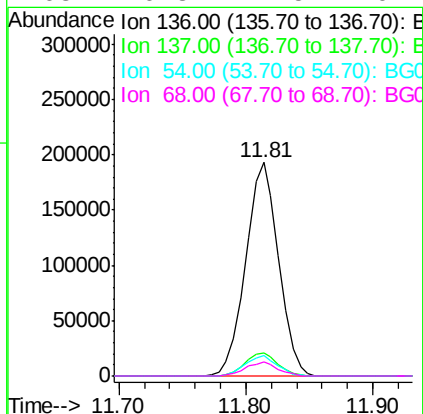
Instrument :
BNA_G
ClientSampled :
TP-1-6FT

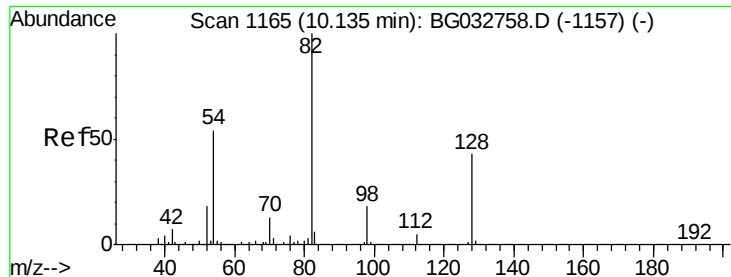
Tot Ion: 70 Resp: 64198
Ion Ratio Lower Upper
70 100
42 49.7 49.1 73.7
101 0.0 8.5 12.7#
130 2.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

Tgt Ion: 136 Resp: 347043
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 9.7 10.3 15.5#
68 6.3 4.5 6.7

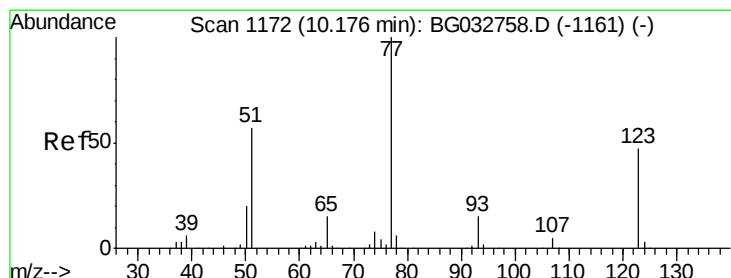
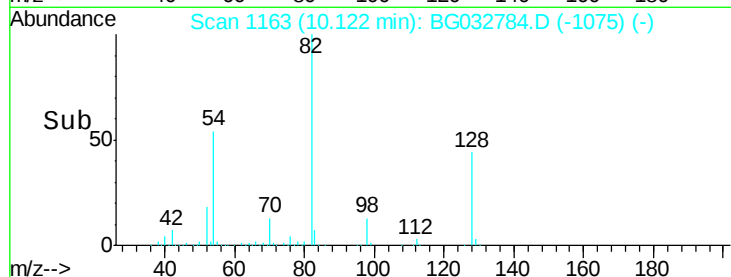
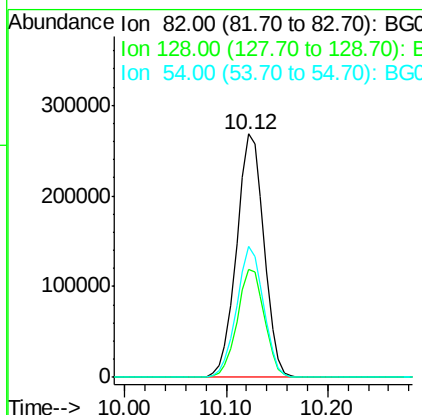
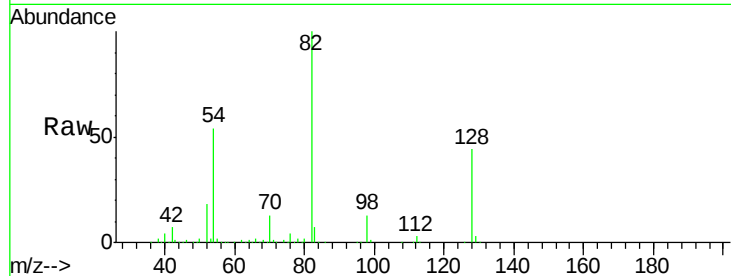




#23
 Nitrobenzene-d5
 Concen: 98.582 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032784.D
 Acq: 22 Feb 2018 17:05

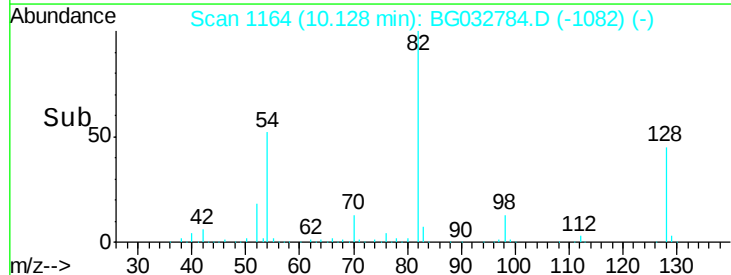
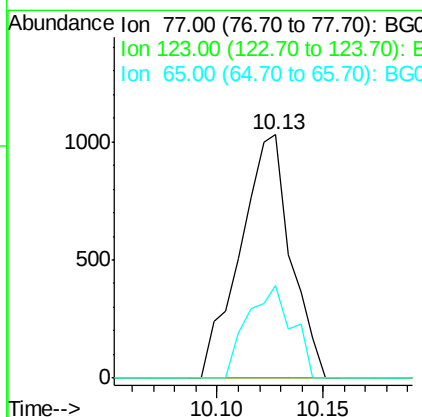
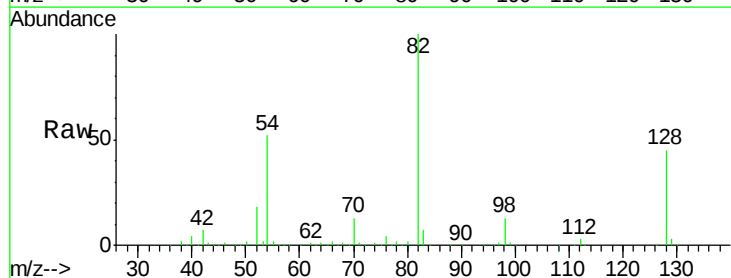
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-6FT

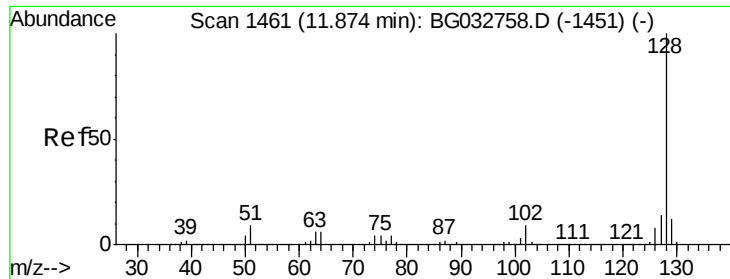
Tot Ion	82	Resp	501975
Ion Ratio	100	Lower	Upper
128	44.1	29.7	44.5
54	53.6	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.649 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.05 min
 Lab File: BG032784.D
 Acq: 22 Feb 2018 17:05

Tgt Ion	77	Resp	1718
Ion Ratio	100	Lower	Upper
123	0.0	33.0	49.6#
65	37.9	13.0	19.6#

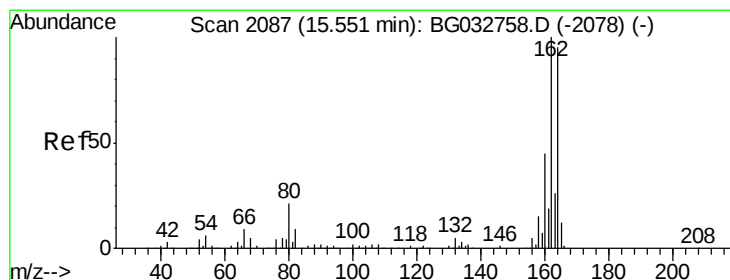
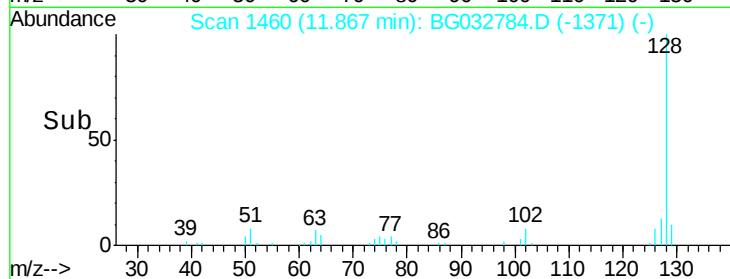
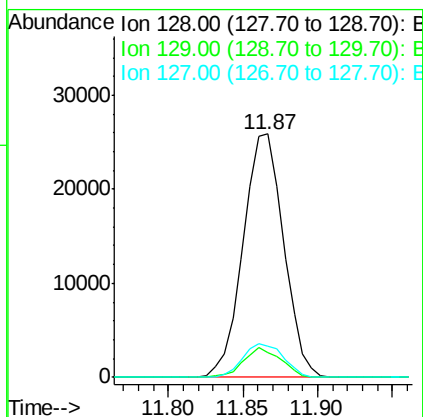
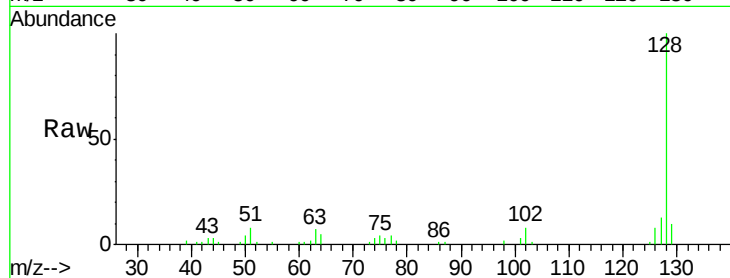




#31
Naphthalene
Concen: 2.680 ng
RT: 11.87 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

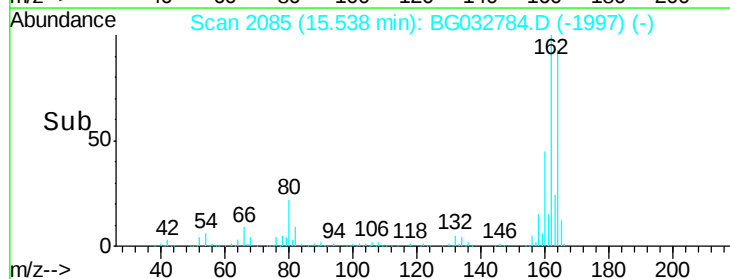
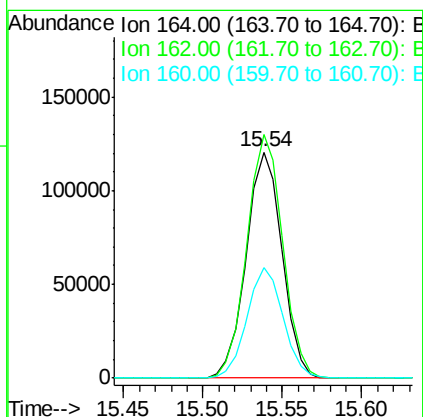
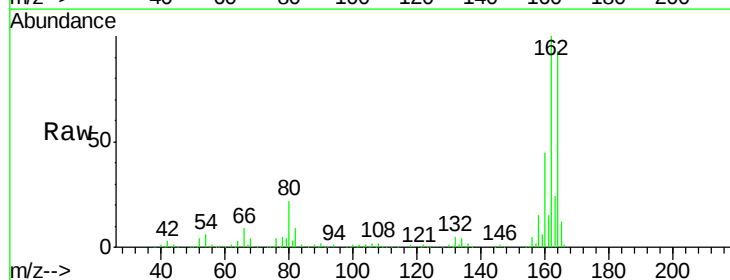
Instrument :
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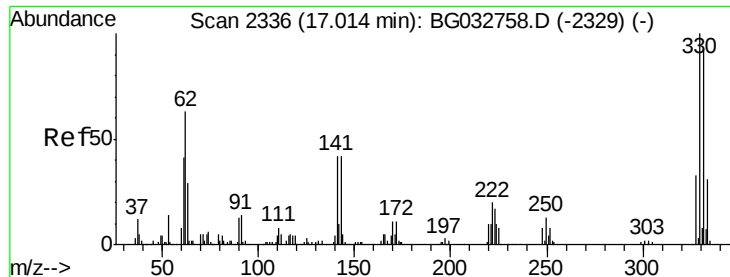
Tot Ion:128 Resp: 48601
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 12.9 11.6 17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

Tgt Ion:164 Resp: 189501
Ion Ratio Lower Upper
164 100
162 107.7 78.8 118.2
160 48.6 35.4 53.0

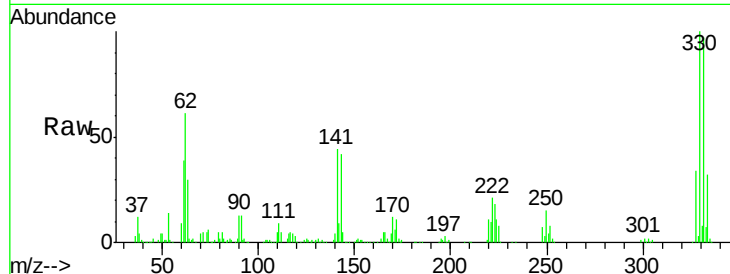




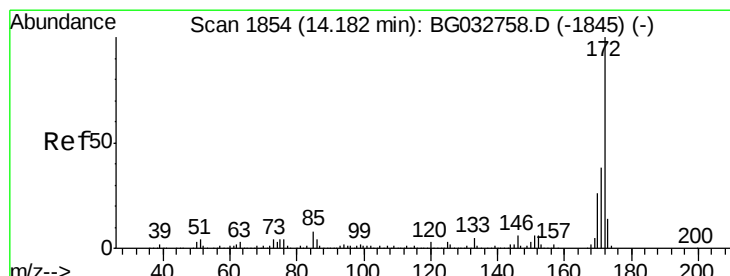
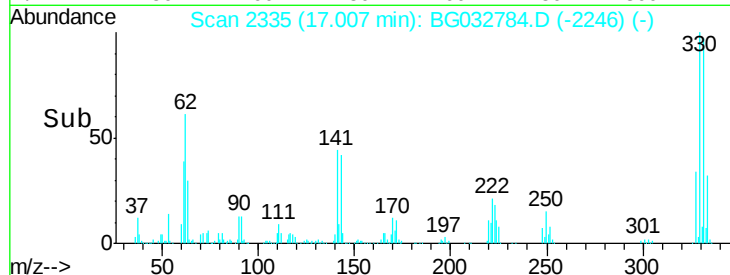
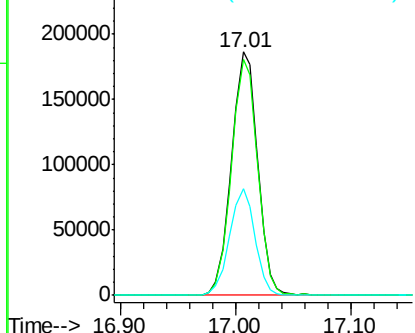
#41
 2,4,6-Tribromophenol
 Concen: 147.495 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032784.D
 Acq: 22 Feb 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-6FT

Tot Ion:330 Resp: 293889
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 42.7 25.2 37.8#

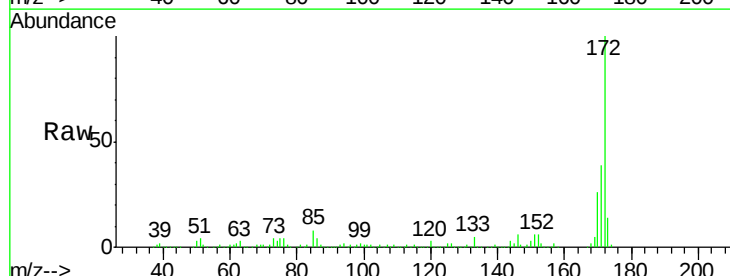


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

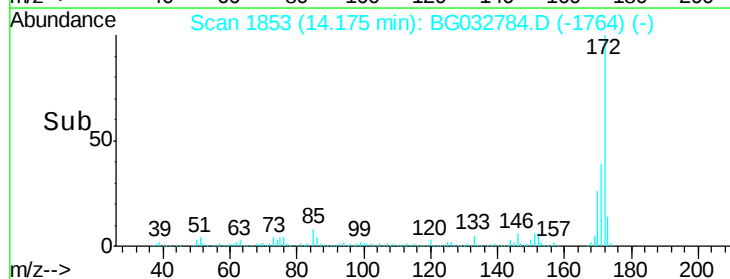
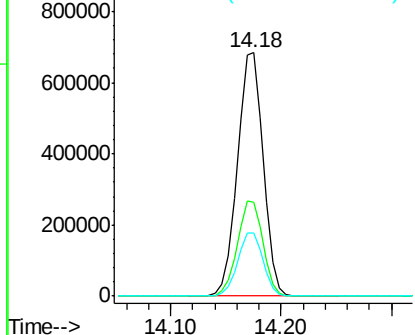


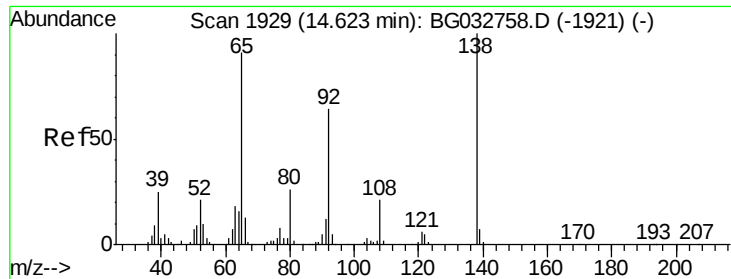
#44
 2-Fluorobiphenyl
 Concen: 85.492 ng
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032784.D
 Acq: 22 Feb 2018 17:05

Tgt Ion:172 Resp: 1123296
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.9 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

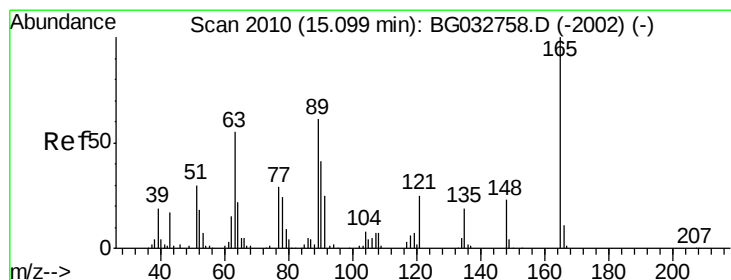
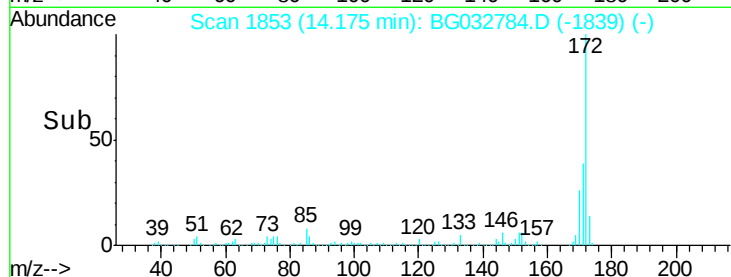
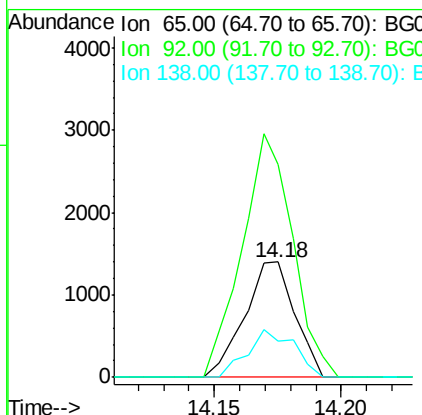
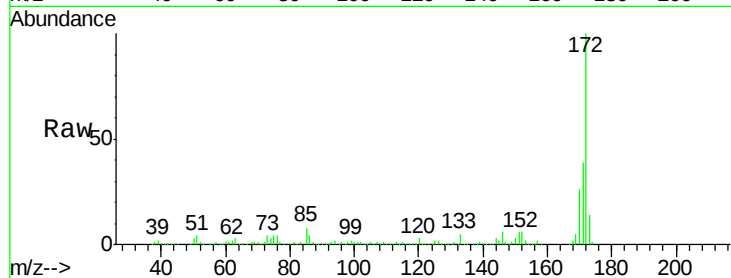




#47
2-Nitroaniline
Concen: 10.328 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.45 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

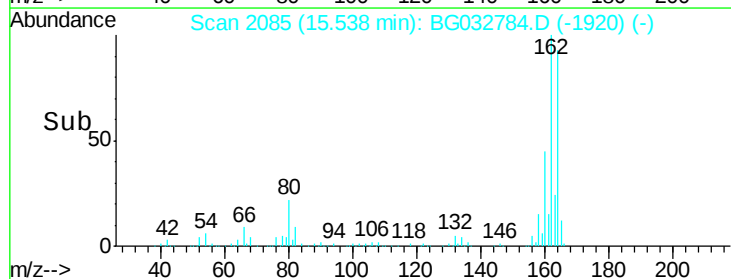
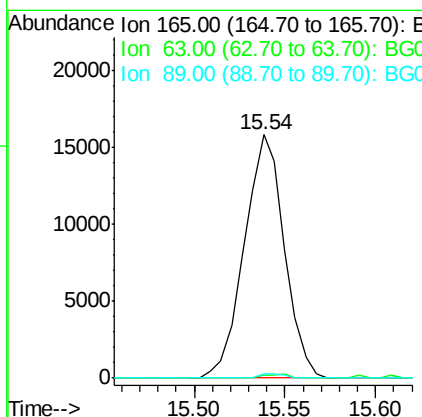
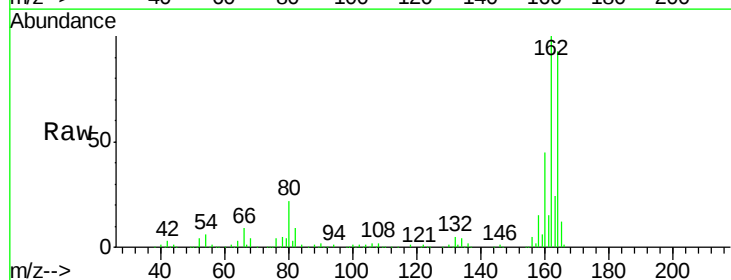
Instrument :
BNA_G
ClientSampled :
TP-1-6FT

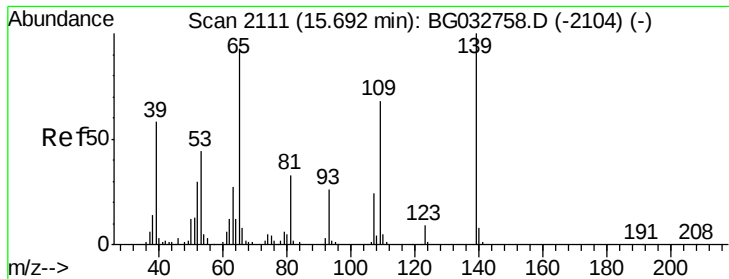
Tot Ion: 65 Resp: 1932
Ion Ratio Lower Upper
65 100
92 185.0 54.6 82.0#
138 31.1 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.332 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

Tgt Ion: 165 Resp: 24303
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.9 49.2 73.8#





#55

4-Nitrophenol

Concen: 7.831 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.24 min

Lab File: BG032784.D

Acq: 22 Feb 2018 17:05

Instrument :

BNA_G

ClientSampleId :

TP-1-6FT

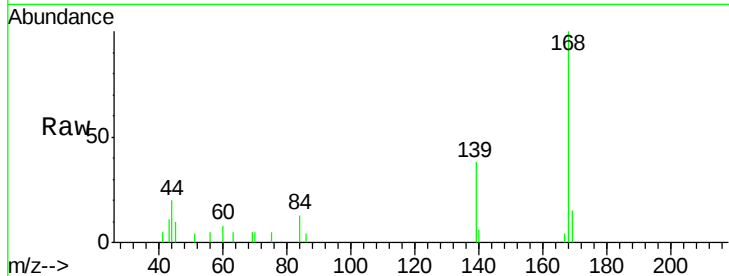
Tot Ion:139 Resp: 2168

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

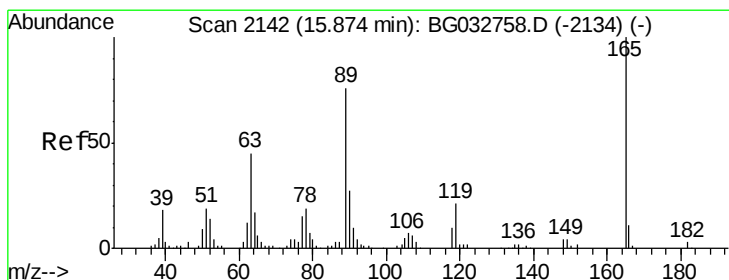
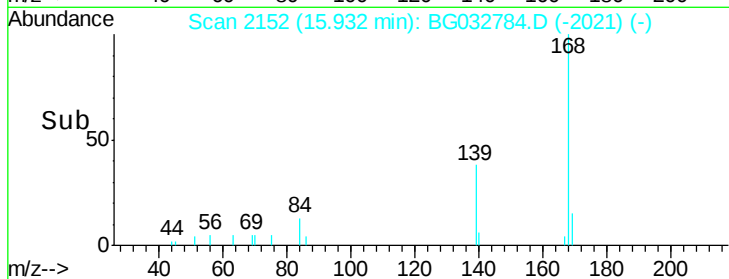
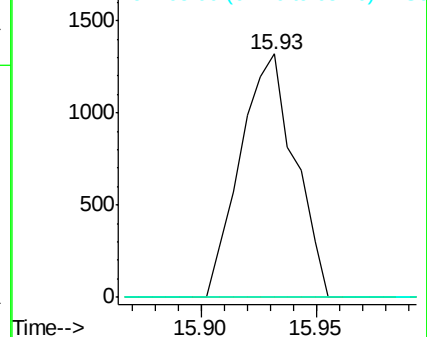
65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 14.529 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.34 min

Lab File: BG032784.D

Acq: 22 Feb 2018 17:05

Tgt Ion:165 Resp: 24303

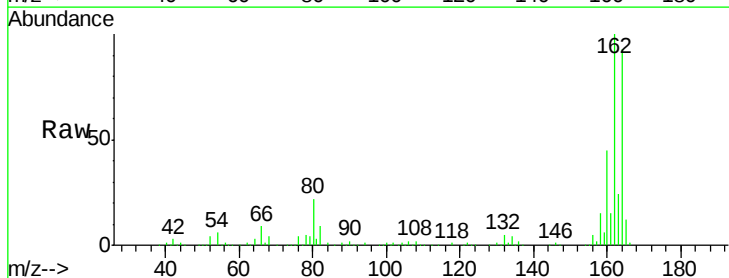
Ion Ratio Lower Upper

165 100

63 1.4 42.0 63.0#

89 1.9 66.9 100.3#

182 0.0 2.6 3.8#

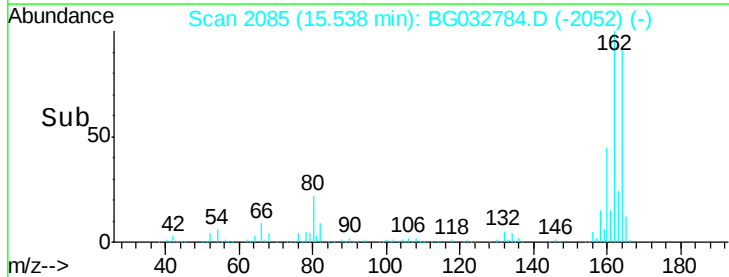
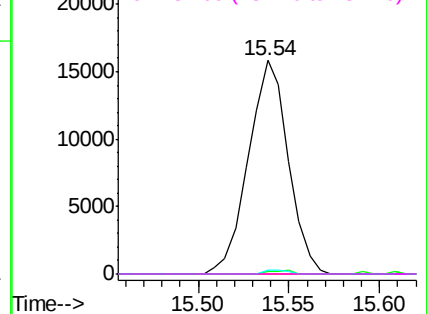


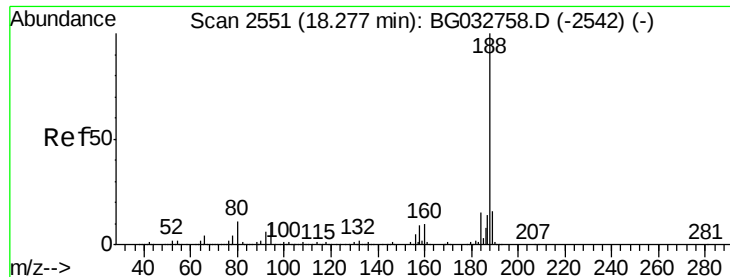
Abundance Ion 165.00 (164.70 to 165.70): E

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

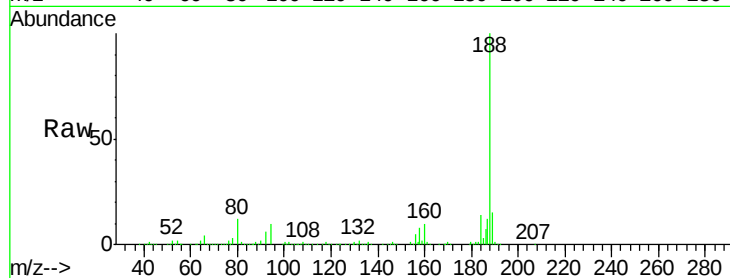




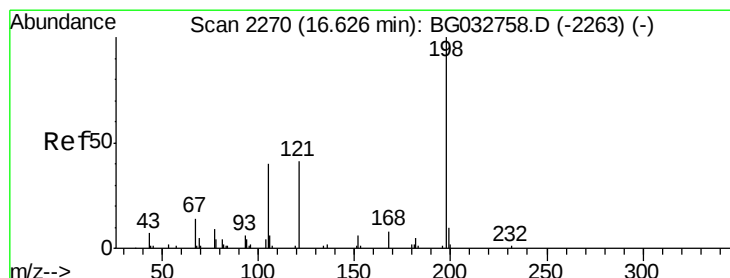
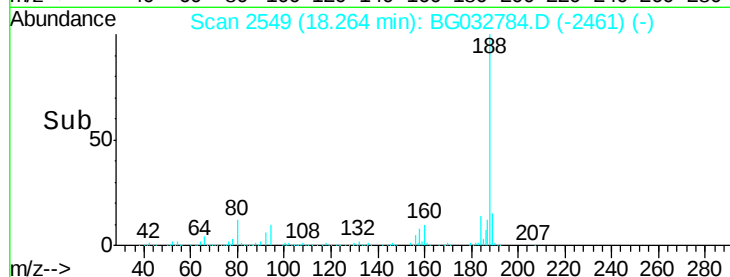
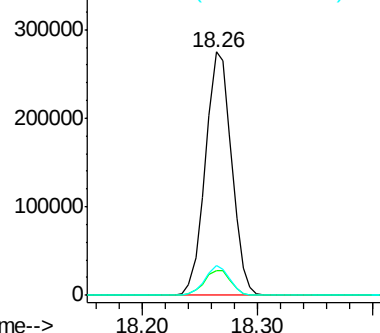
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

Instrument :
BNA_G
ClientSampleId :
TP-1-6FT

Tot Ion:188 Resp: 431537
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3
80 12.2 7.7 11.5#

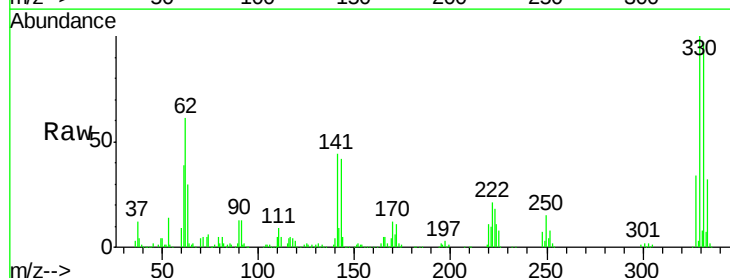


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

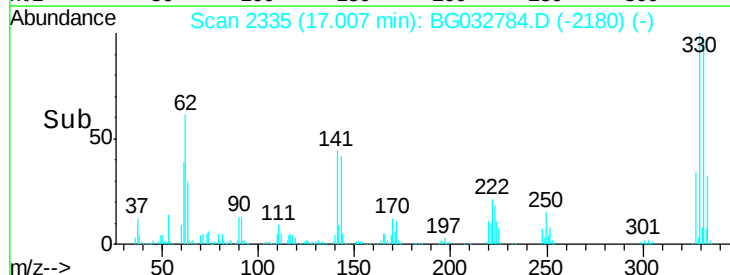
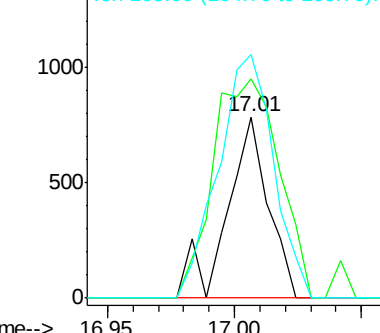


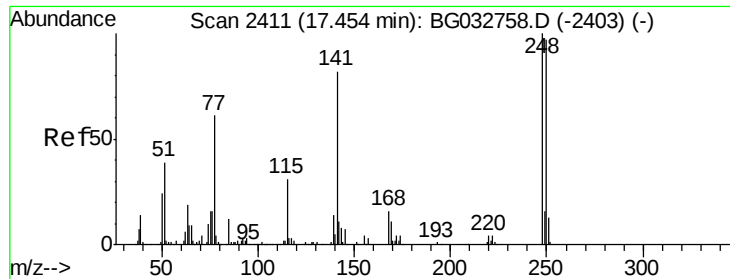
#64
4,6-Dinitro-2-methylphenol
Concen: 5.823 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.38 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

Tgt Ion:198 Resp: 888
Ion Ratio Lower Upper
198 100
51 121.3 30.6 70.6#
105 134.3 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

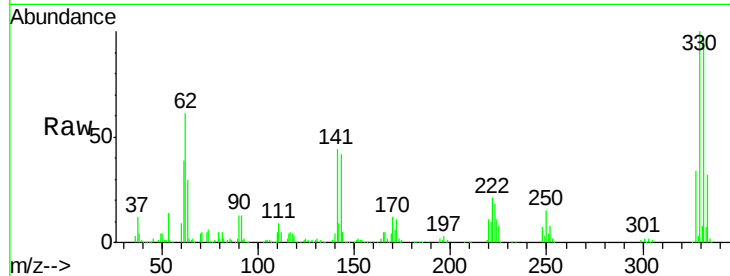




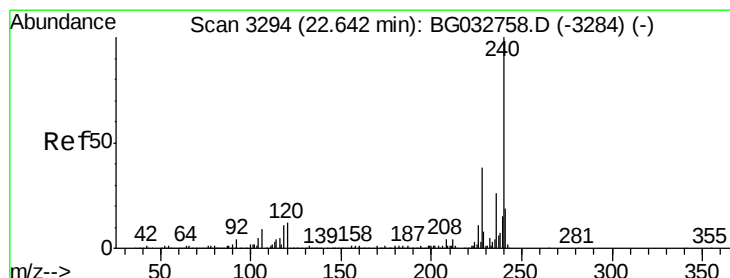
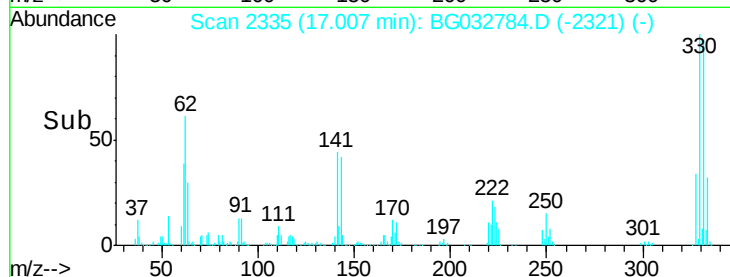
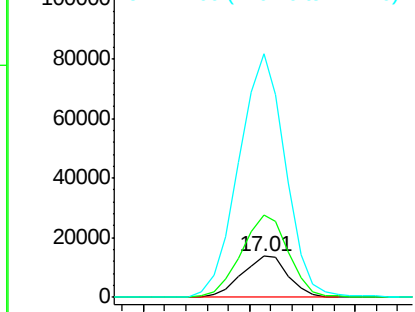
#66
 4-Bromophenyl-phenylether
 Concen: 4.618 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.45 min
 Lab File: BG032784.D
 Acq: 22 Feb 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-6FT

Tot Ion:248 Resp: 21072
 Ion Ratio Lower Upper
 248 100
 250 201.9 77.1 115.7#
 141 593.9 50.8 76.2#

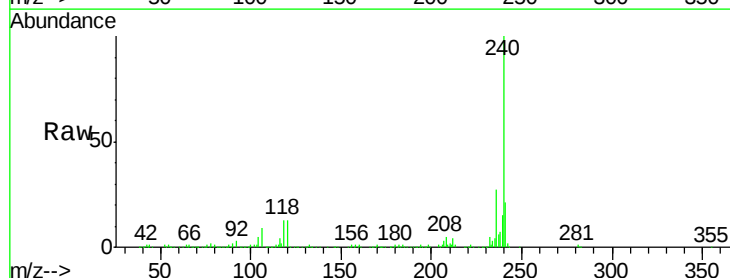


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

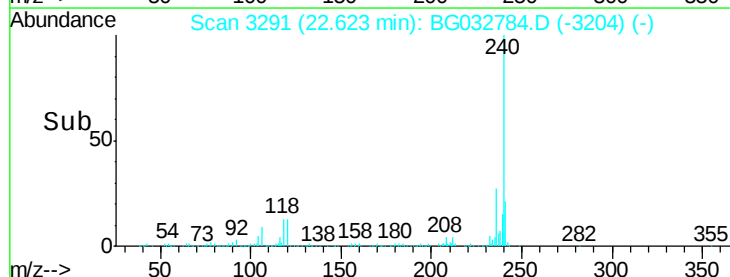
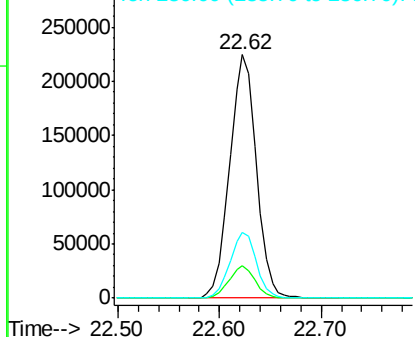


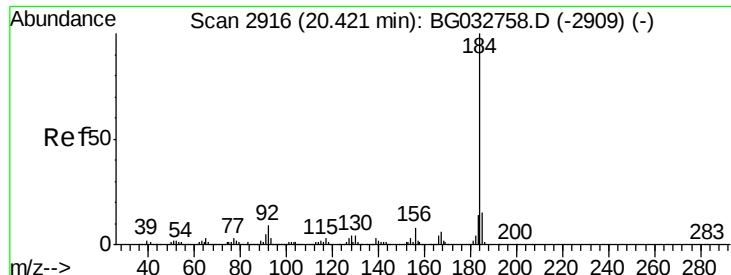
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.02 min
 Lab File: BG032784.D
 Acq: 22 Feb 2018 17:05

Tgt Ion:240 Resp: 408793
 Ion Ratio Lower Upper
 240 100
 120 13.2 6.8 10.2#
 236 27.2 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

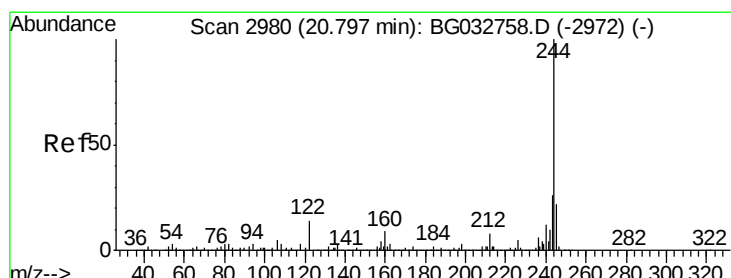
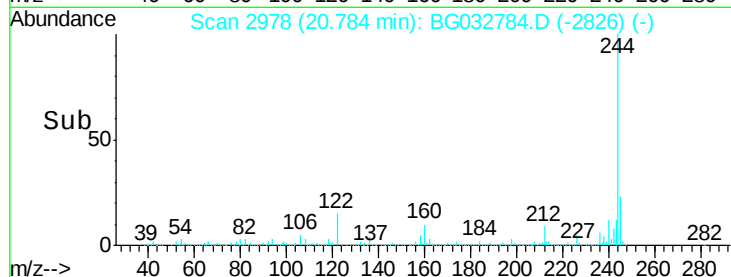
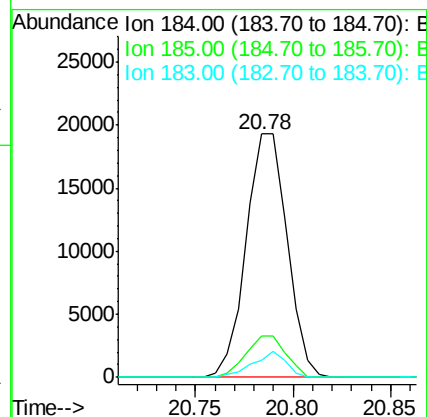
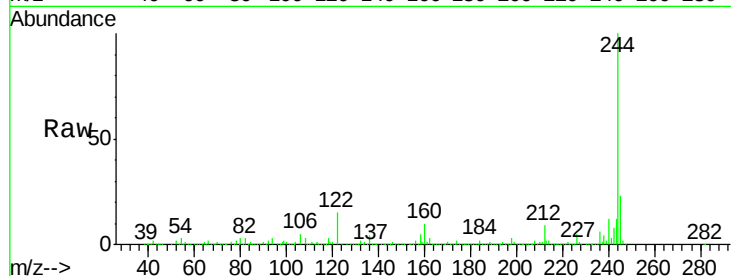




#76
Benzidine
Concen: 2.017 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.36 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

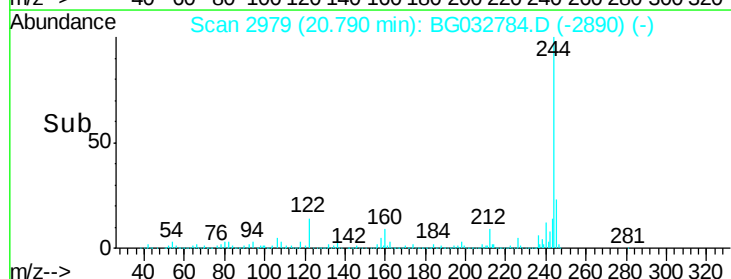
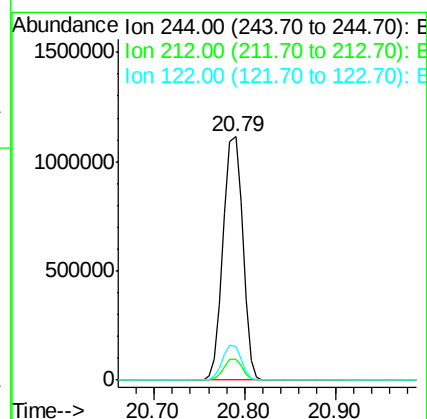
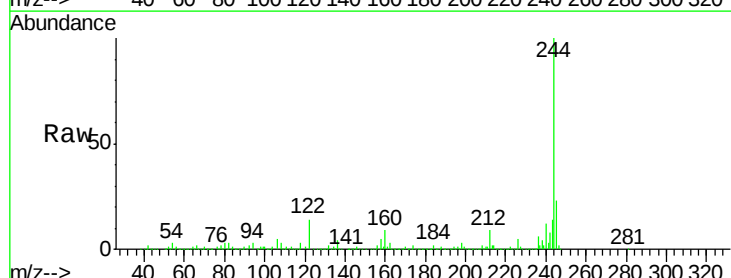
Instrument :
BNA_G
ClientSampleId :
TP-1-6FT

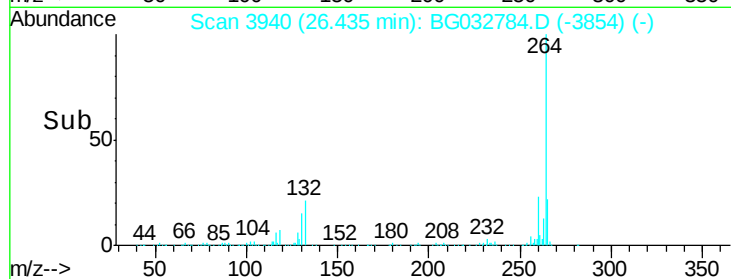
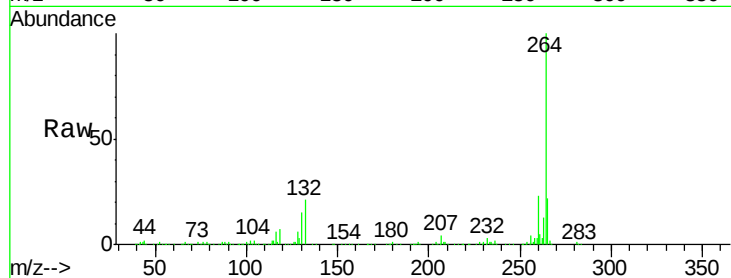
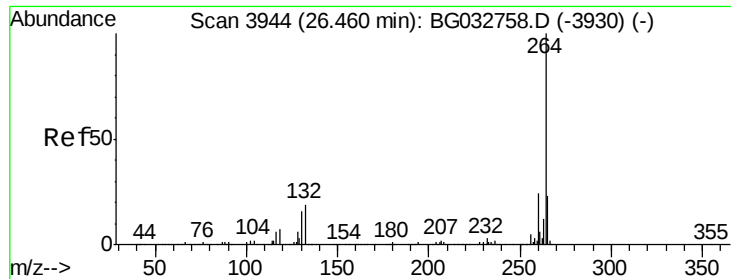
Tot Ion:184 Resp: 28108
Ion Ratio Lower Upper
184 100
185 16.8 11.1 16.7#
183 7.1 10.6 16.0#



#78
Terphenyl-d14
Concen: 92.014 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG032784.D
Acq: 22 Feb 2018 17:05

Tgt Ion:244 Resp: 1674199
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 14.0 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.44 min Scan# 3940
 Delta R.T. -0.02 min
 Lab File: BG032784.D
 Acq: 22 Feb 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-6FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.9	17.7	26.5

