

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032874.D
 Acq On : 28 Feb 2018 4:01
 Operator : SJ/JU
 Sample : J1397-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 06:05:30 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 17:50:45 2018
 Response via : Initial Calibration

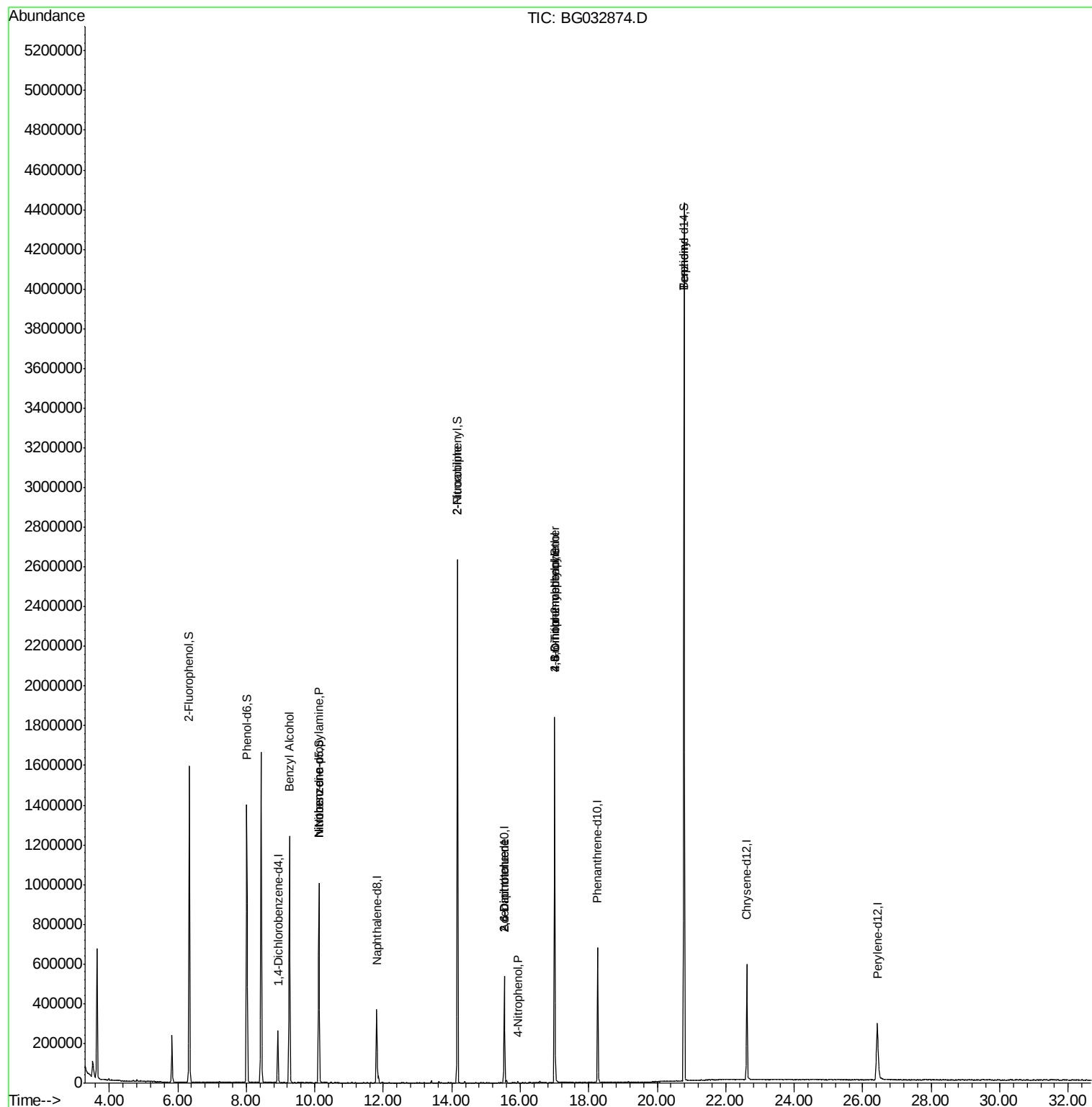
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	75062	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	330311	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	182542	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	415076	20.00	ng	0.00
75) Chrysene-d12	22.61	240	375365	20.00	ng	-0.02
86) Perylene-d12	26.43	264	372397	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	756453	161.23	ng	0.00
7) Phenol-d6	8.02	99	898281	137.36	ng	0.00
23) Nitrobenzene-d5	10.12	82	637934	128.31	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	321363	167.43	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1356484	107.17	ng	0.00
78) Terphenyl-d14	20.78	244	1897642	113.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.26	79	10142	2.11	ng	# 44
19) n-Nitroso-di-n-propylamine	10.12	70	83872	18.17	ng	# 80
24) Nitrobenzene	10.12	77	1854	6.69	ng	# 34
47) 2-Nitroaniline	14.17	65	2516	10.50	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	22667	16.10	ng	# 21
55) 4-Nitrophenol	15.92	139	1586	7.65	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	22667	14.29	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	1016	5.99	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	23701	5.40	ng	# 1
76) Benzidine	20.78	184	34162	2.67	ng	# 94

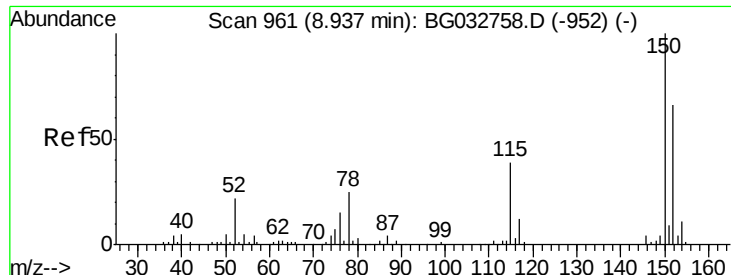
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032874.D
Acq On : 28 Feb 2018 4:01
Operator : SJ/JU
Sample : J1397-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 28 06:05:30 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 17:50:45 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

Instrument :

BNA_F

ClientSampleId :

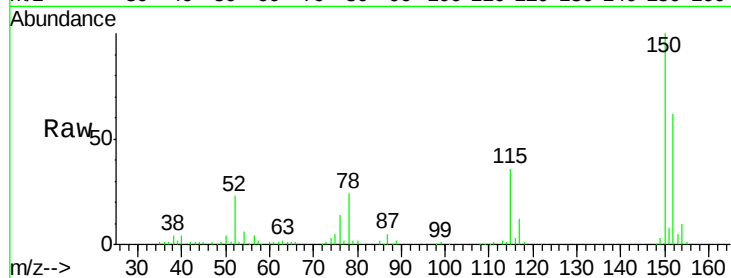
Tot Ion:152 Resp: 75062

Ion Ratio Lower Upper

152 100

150 160.8 126.6 189.8

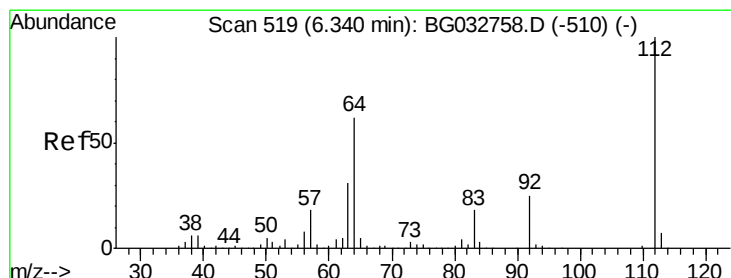
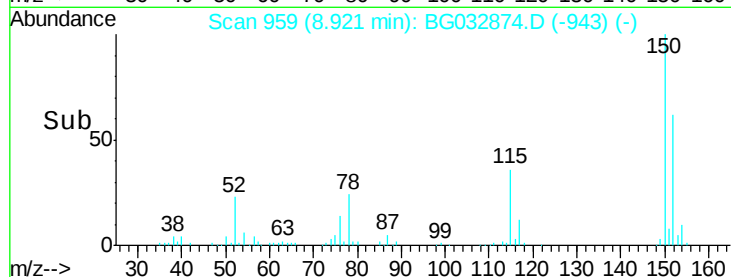
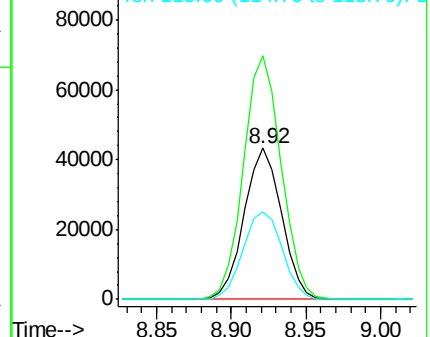
115 57.6 53.0 79.4



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: 161.23 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

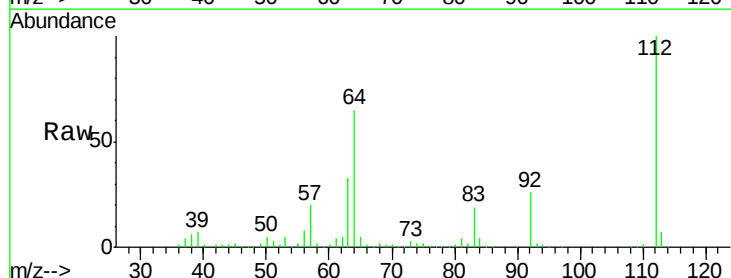
Tgt Ion:112 Resp: 756453

Ion Ratio Lower Upper

112 100

64 65.1 56.3 84.5

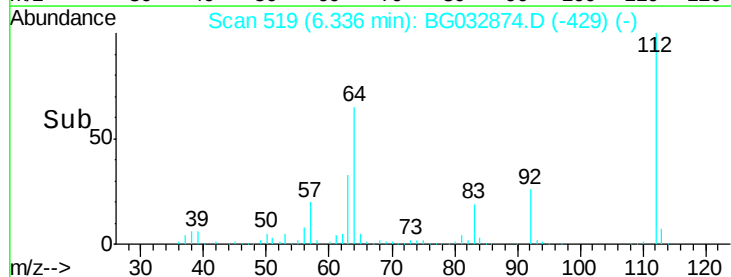
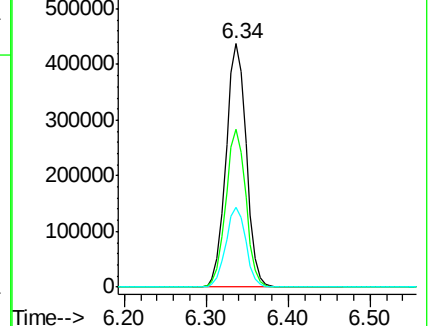
63 32.8 30.1 45.1

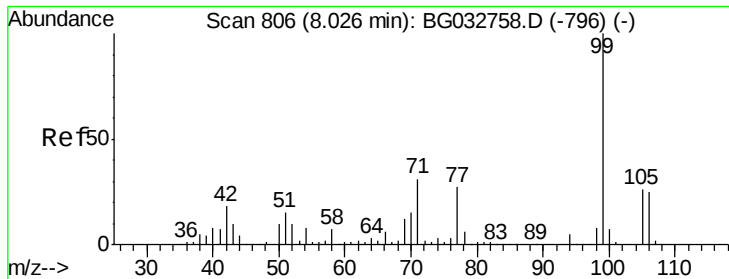


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.36 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

Instrument :

BNA_F

ClientSampleId :

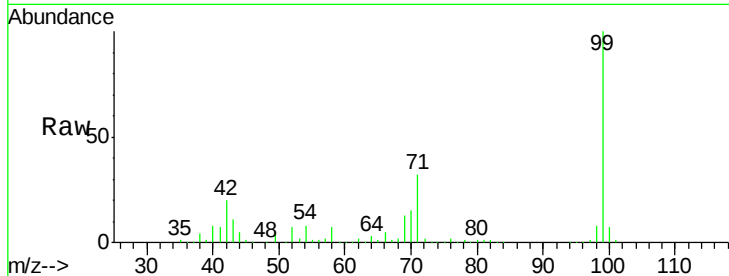
Tot Ion: 99 Resp: 898281

Ion Ratio Lower Upper

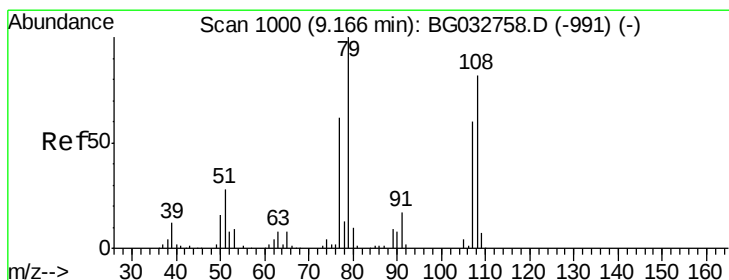
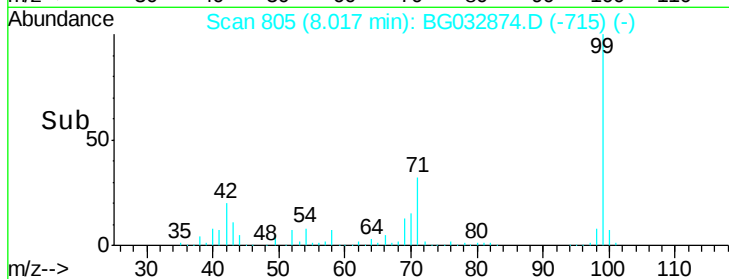
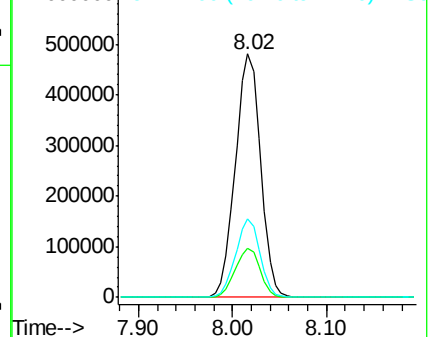
99 100

42 20.1 14.1 21.1

71 32.1 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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.10 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

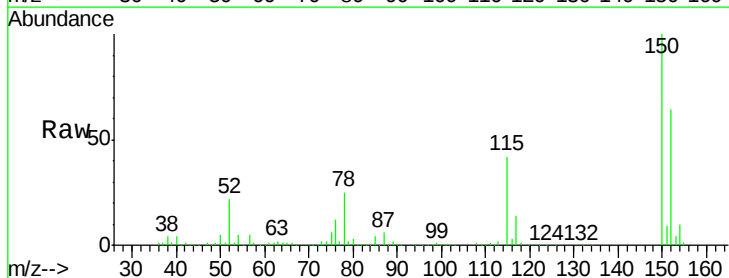
Tgt Ion: 79 Resp: 10142

Ion Ratio Lower Upper

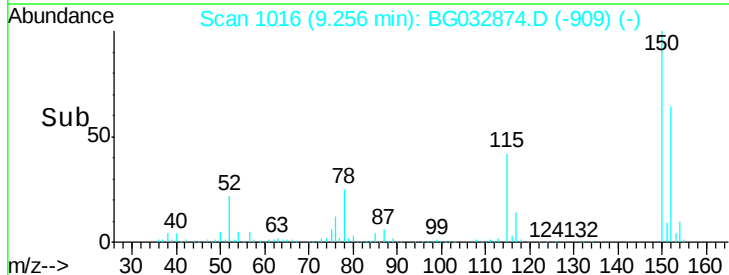
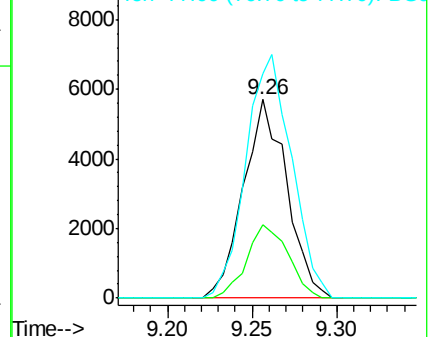
79 100

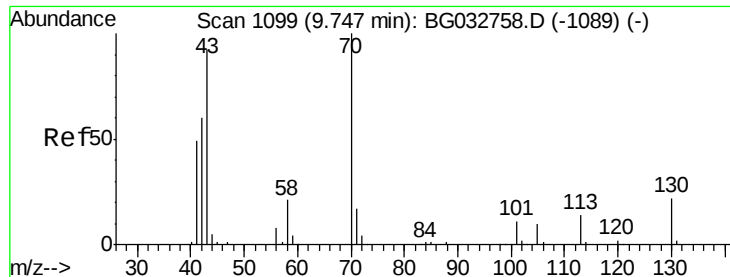
108 37.1 57.2 85.8#

77 113.1 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

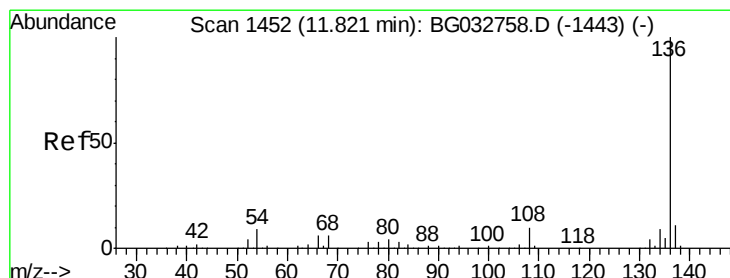
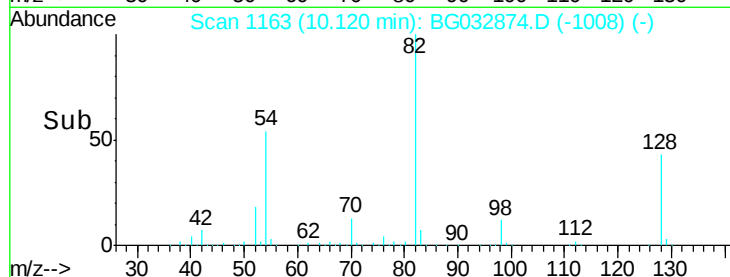
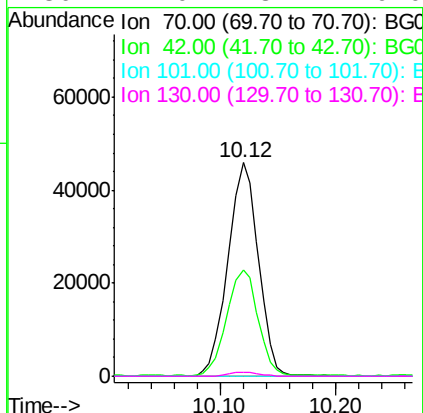
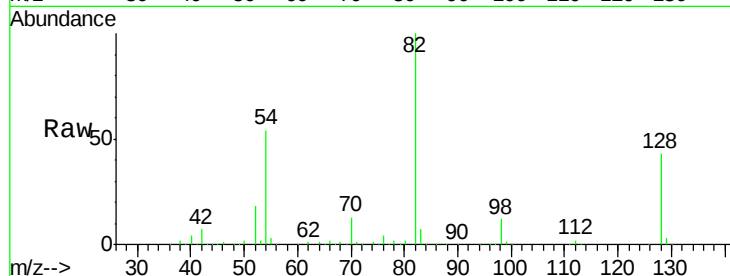




#19
n-Nitroso-di-n-propylamine
Concen: 18.17 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.38 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

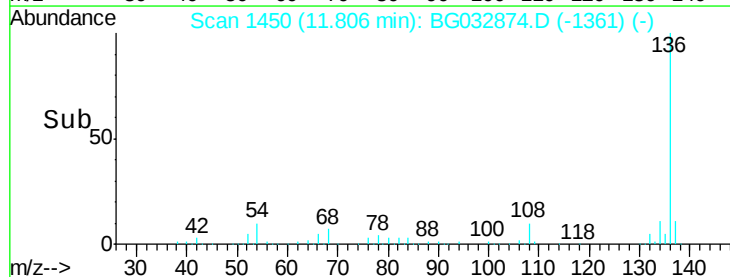
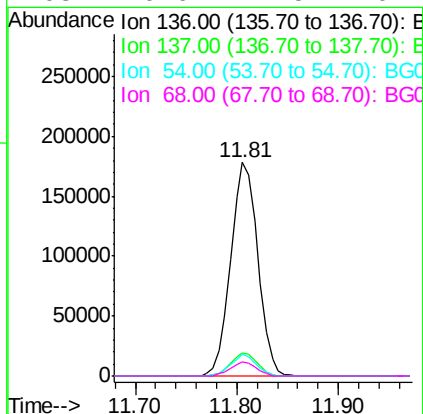
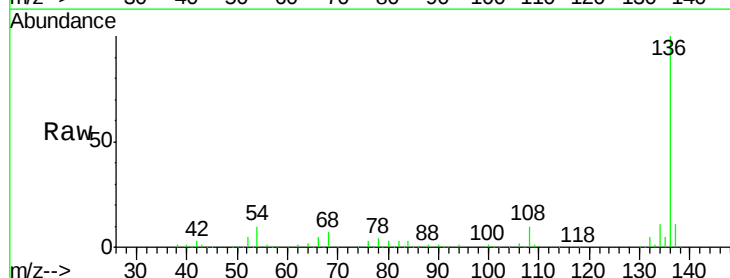
Instrument :
BNA_F
ClientSampleId :

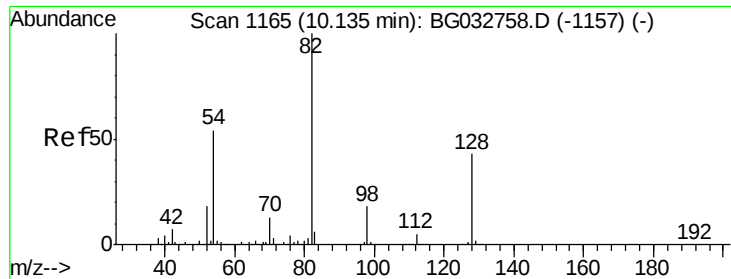
Tot Ion: 70 Resp: 83872
Ion Ratio Lower Upper
70 100
42 50.1 49.1 73.7
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion: 136 Resp: 330311
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.0 10.3 15.5#
68 6.6 4.5 6.7

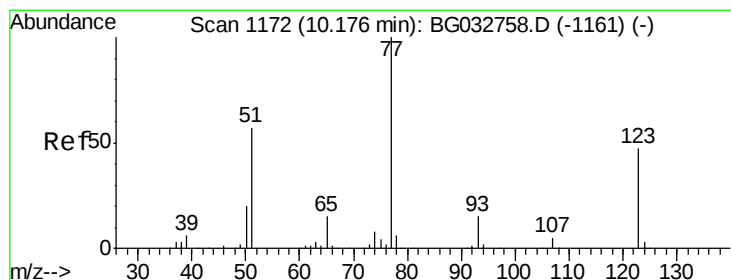
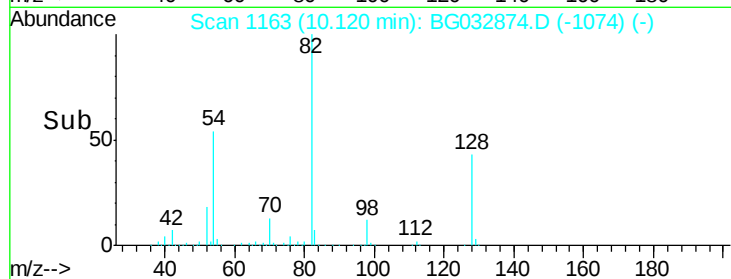
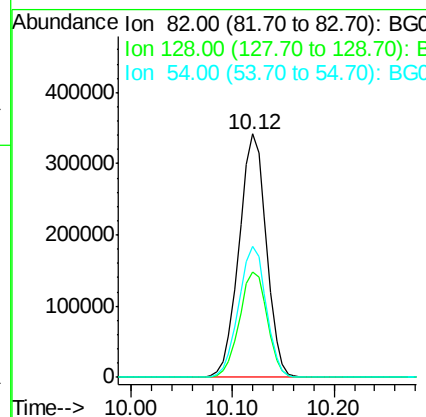
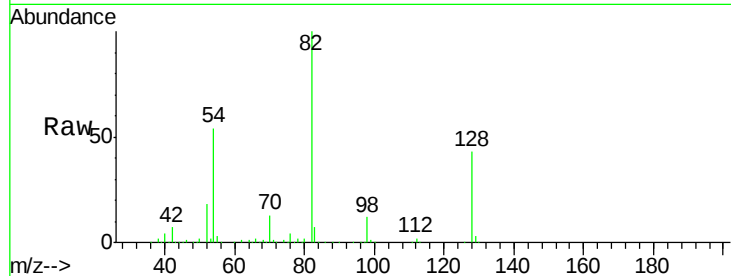




#23
 Nitrobenzene-d5
 Concen: 128.31 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

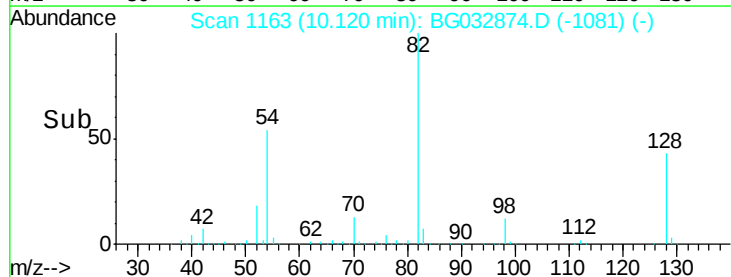
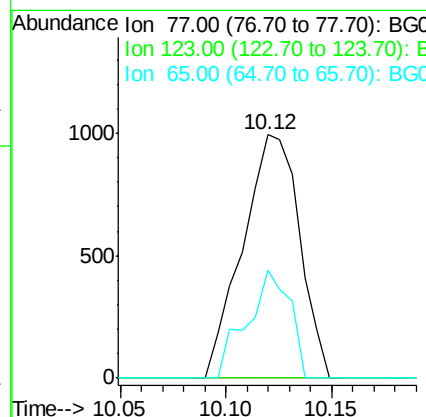
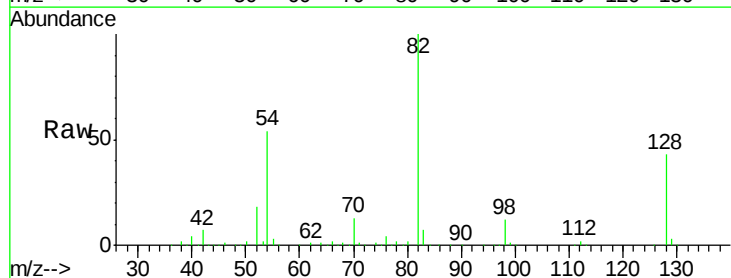
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	637934
Ion Ratio	100	Lower	Upper
128	43.4	29.7	44.5
54	53.6	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.69 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.05 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

Tgt Ion	77	Resp	1854
Ion Ratio	100	Lower	Upper
123	0.0	33.0	49.6#
65	44.4	13.0	19.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

Instrument :

BNA_F

ClientSampleId :

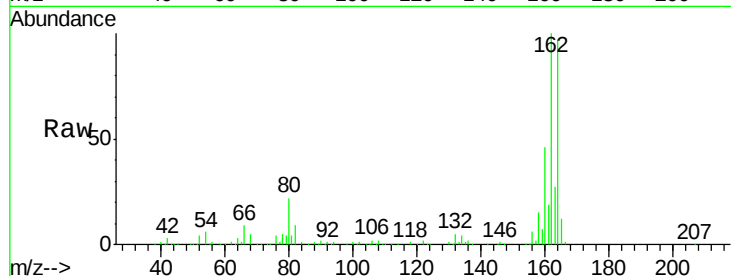
Tot Ion:164 Resp: 182542

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

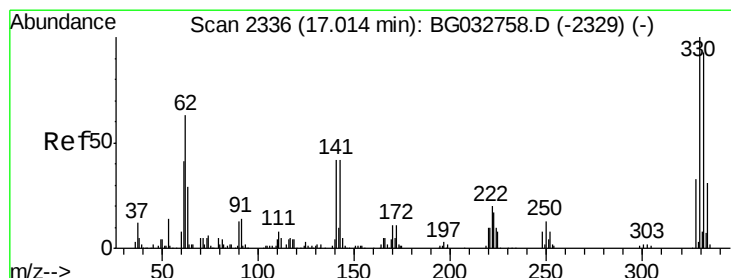
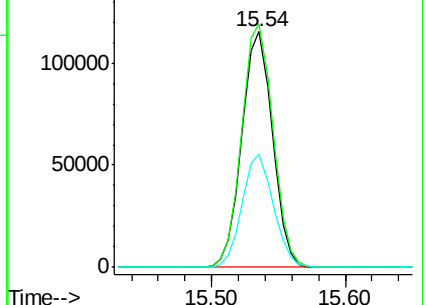
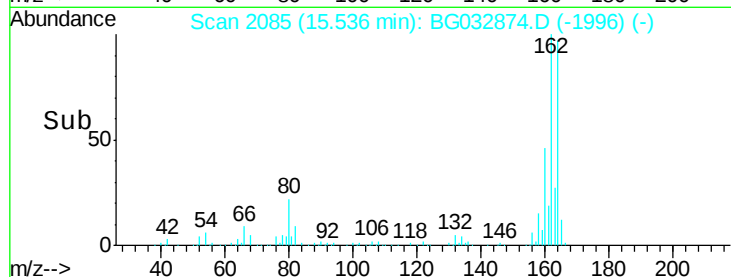
160 48.0 35.4 53.0



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: 167.43 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

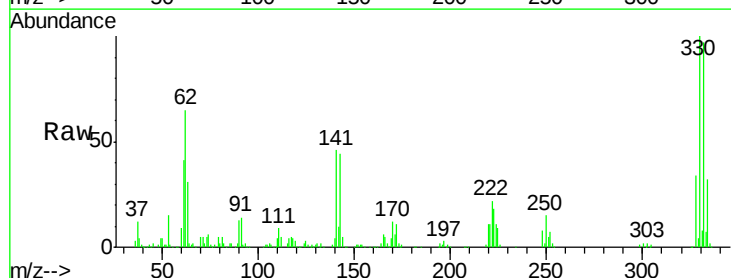
Tgt Ion:330 Resp: 321363

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

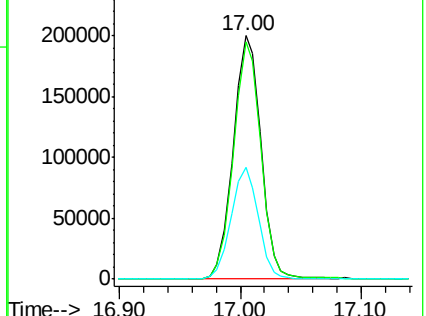
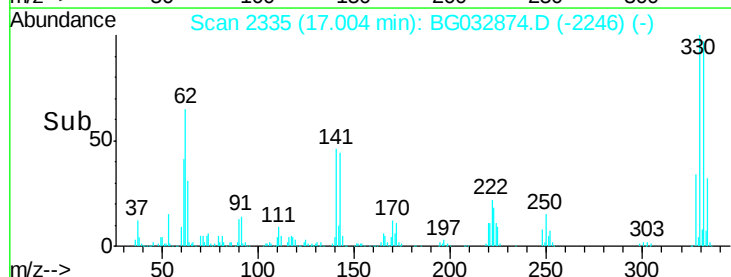
141 45.3 25.2 37.8#

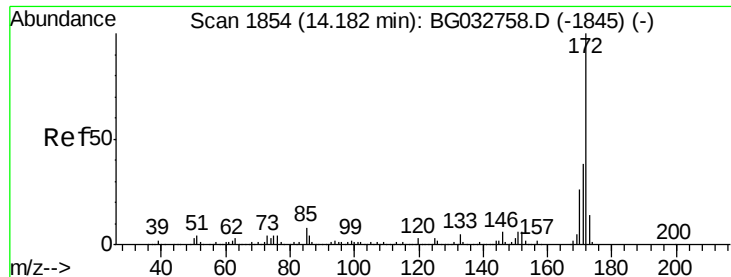


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

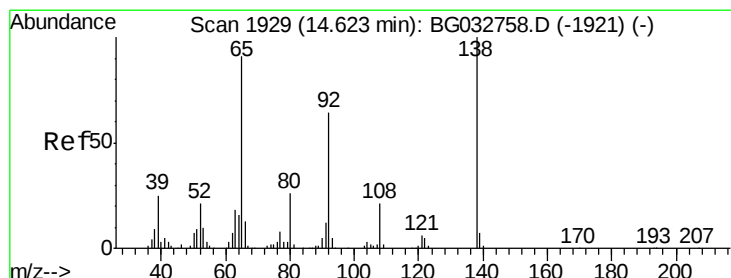
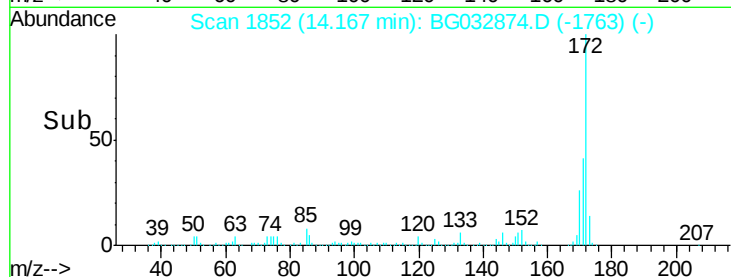
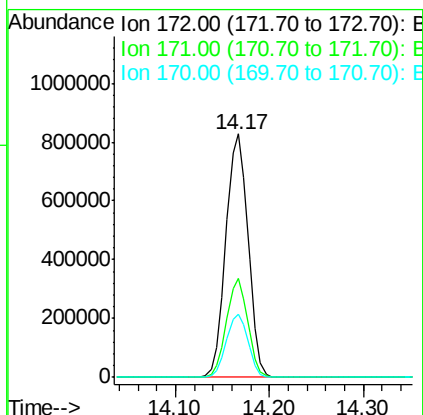
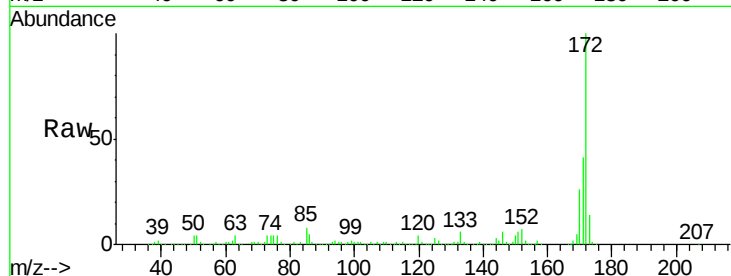




#44
2-Fluorobiphenyl
Concen: 107.17 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

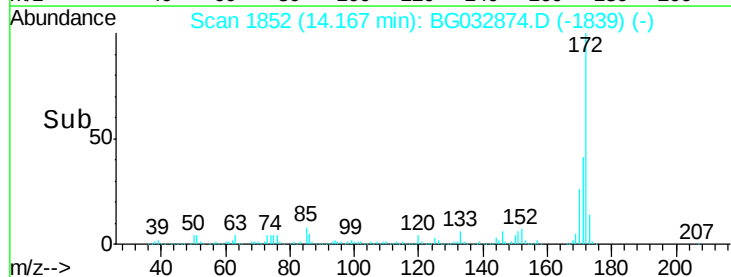
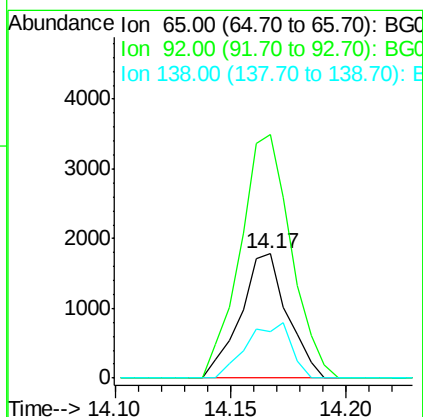
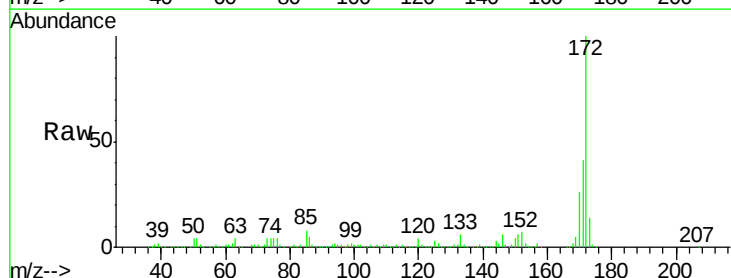
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1356484
Ion Ratio Lower Upper
172 100
171 40.7 30.0 45.0
170 26.1 19.5 29.3



#47
2-Nitroaniline
Concen: 10.50 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion: 65 Resp: 2516
Ion Ratio Lower Upper
65 100
92 196.0 54.6 82.0#
138 37.4 72.9 109.3#

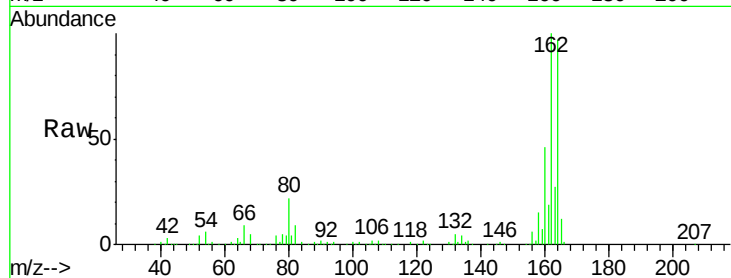




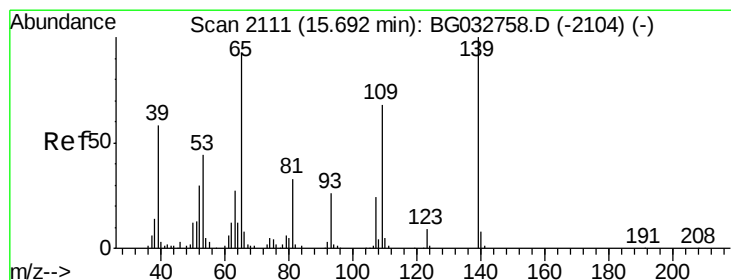
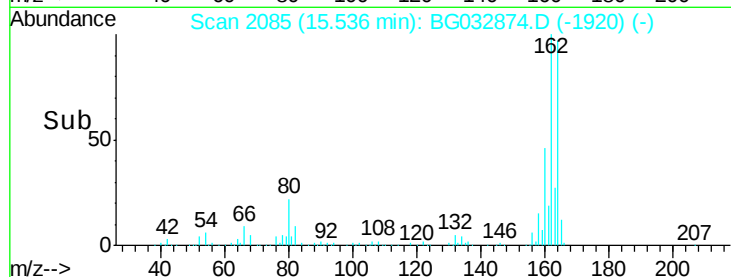
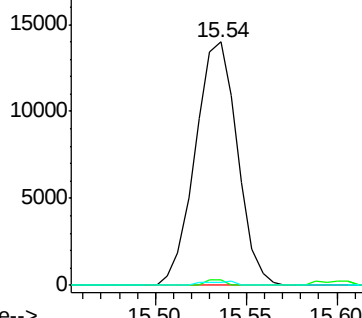
#50
2,6-Dinitrotoluene
Concen: 16.10 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 22667
Ion Ratio Lower Upper
165 100
63 2.3 52.7 79.1#
89 1.1 49.2 73.8#

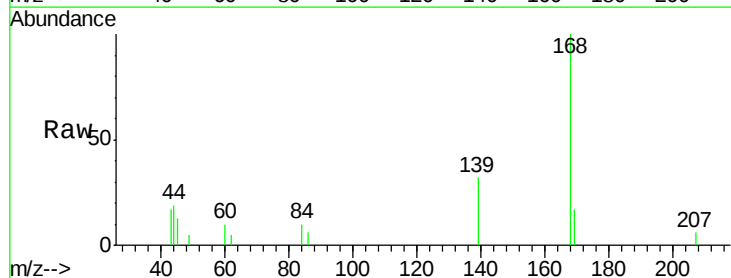


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

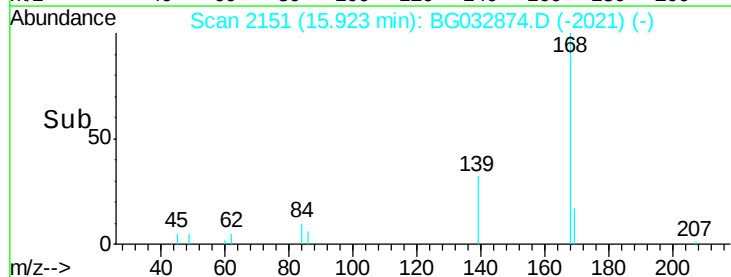
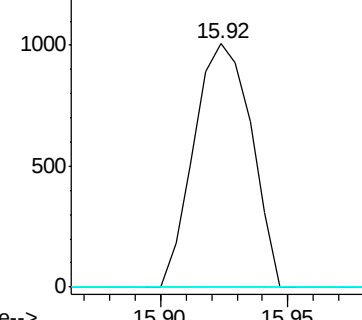


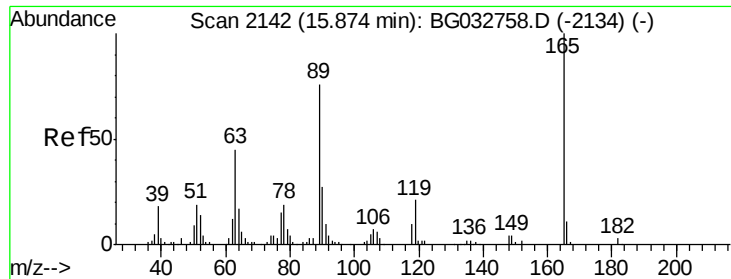
#55
4-Nitrophenol
Concen: 7.65 ng
RT: 15.92 min Scan# 2151
Delta R.T. 0.24 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion:139 Resp: 1586
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): BGO

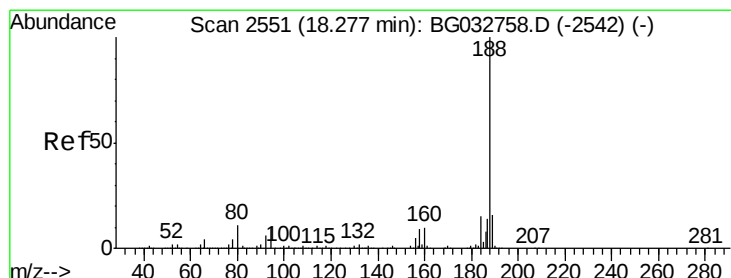
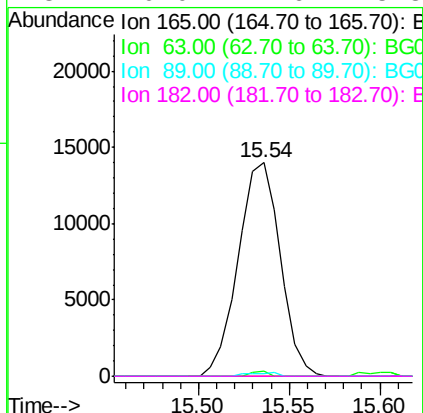
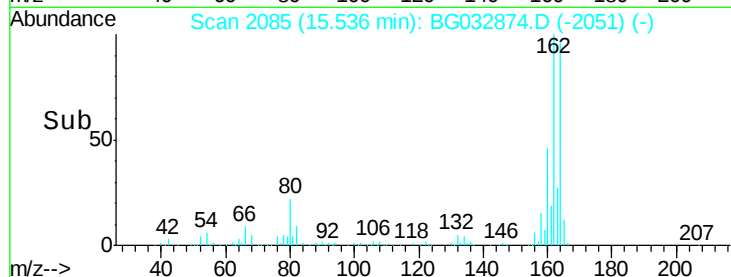
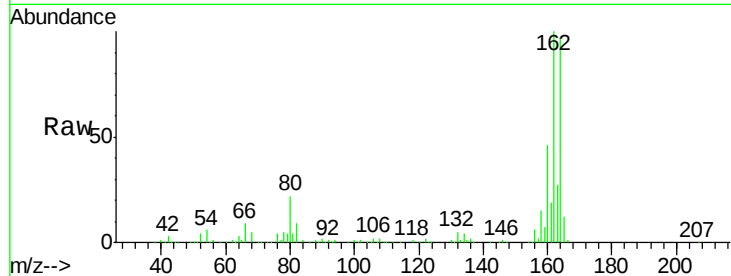




#56
 2,4-Dinitrotoluene
 Concen: 14.29 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.33 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

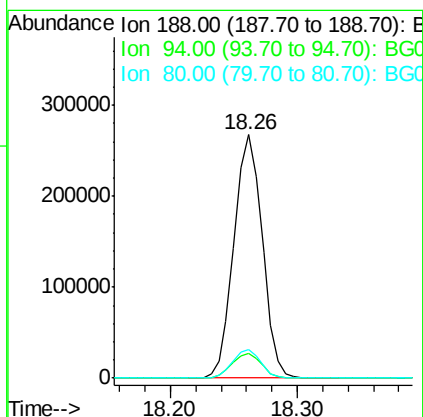
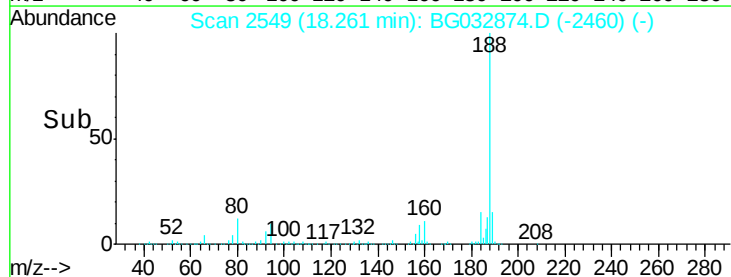
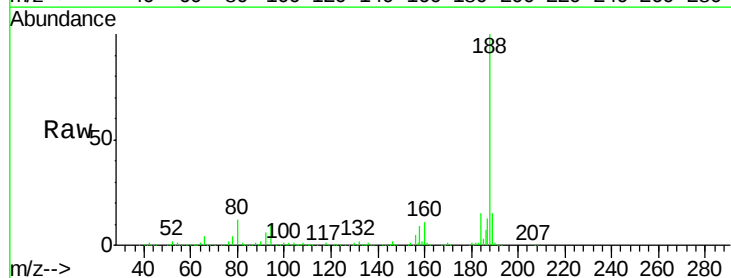
Instrument :
 BNA_F
 ClientSampleId :

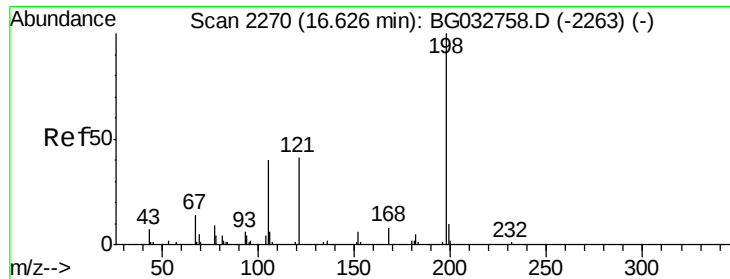
Tot Ion:165	Resp:	22667
Ion Ratio	Lower	Upper
165	100	
63	2.3	42.0 63.0#
89	1.1	66.9 100.3#
182	0.0	2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

Tgt Ion:188	Resp:	415076
Ion Ratio	Lower	Upper
188	100	
94	10.1	6.9 10.3
80	11.6	7.7 11.5#

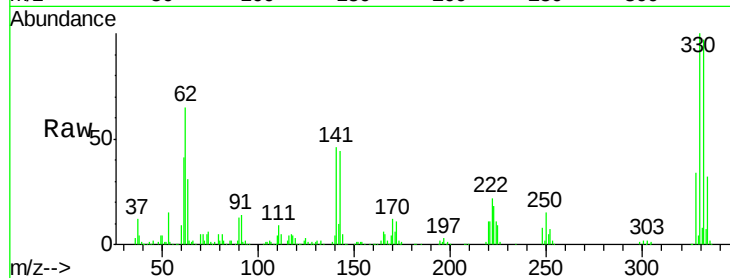




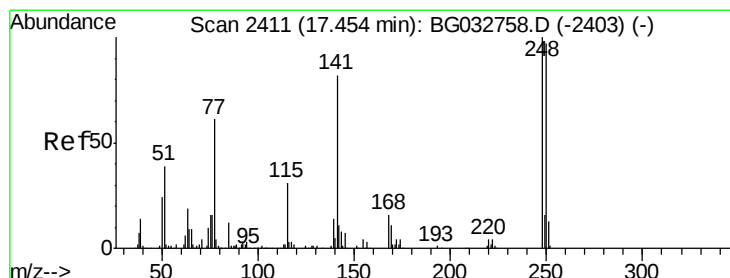
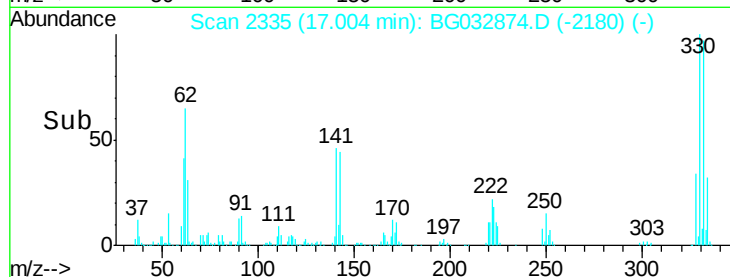
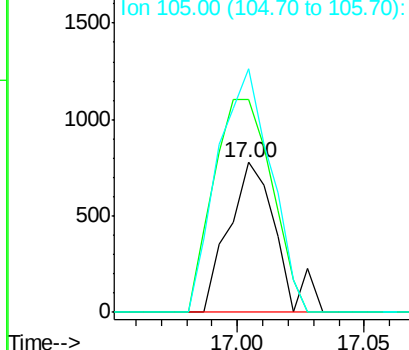
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.99 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.38 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	198	Resp	1016
Ion Ratio	100	Lower	Upper
51	141.7	30.6	70.6#
105	162.5	23.8	63.8#

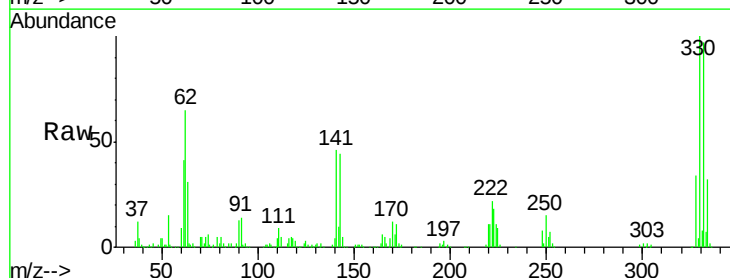


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

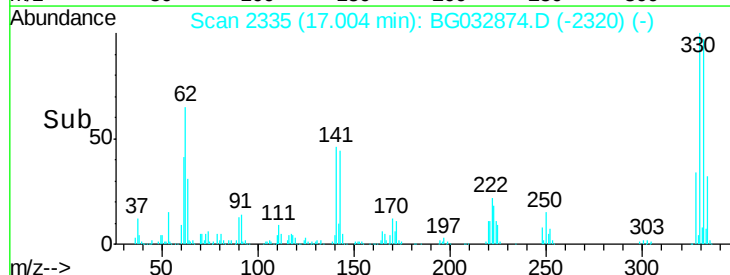
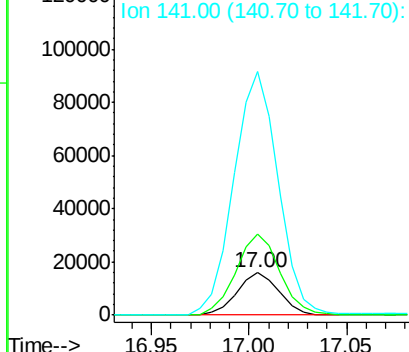


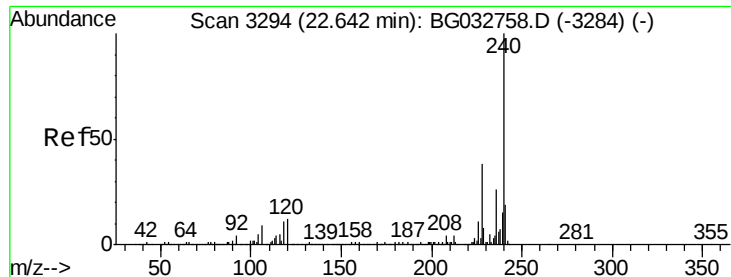
#66
 4-Bromophenyl-phenylether
 Concen: 5.40 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.44 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

Tgt Ion	248	Resp	23701
Ion Ratio	100	Lower	Upper
250	192.0	77.1	115.7#
141	574.5	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

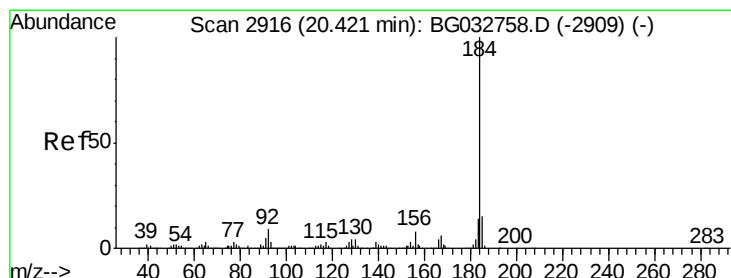
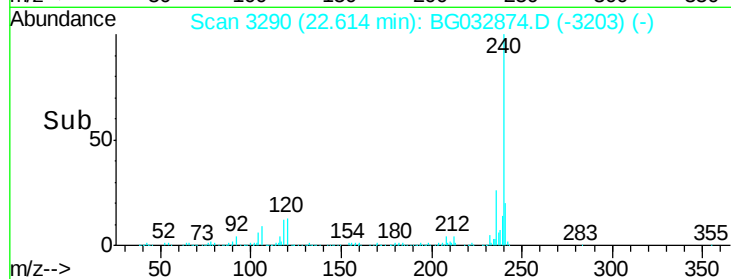
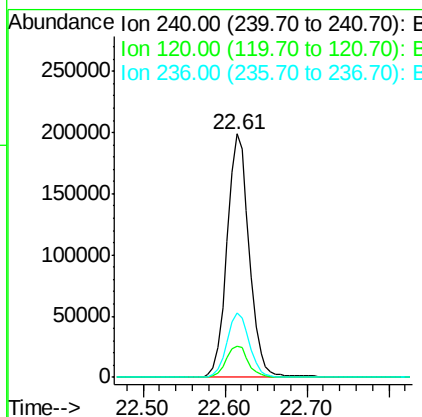
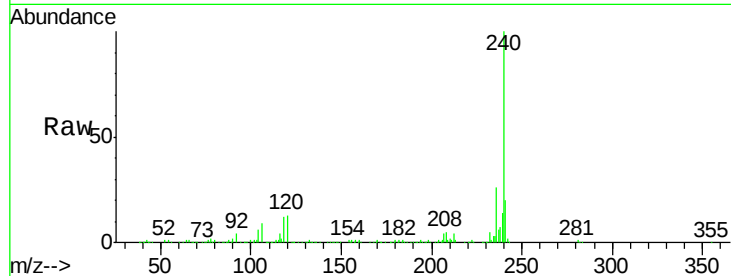




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 22.61 min Scan# 3290
 Delta R.T. -0.02 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

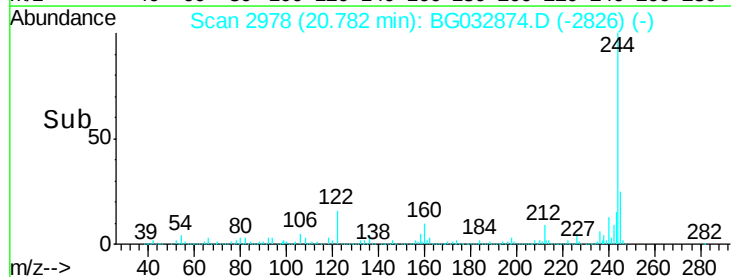
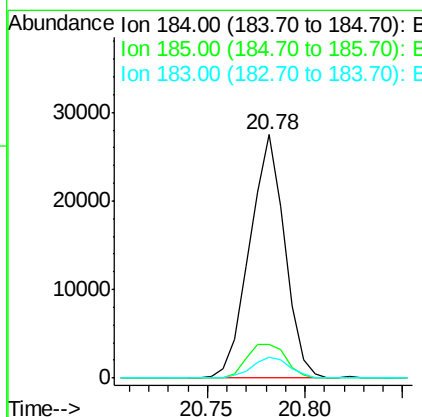
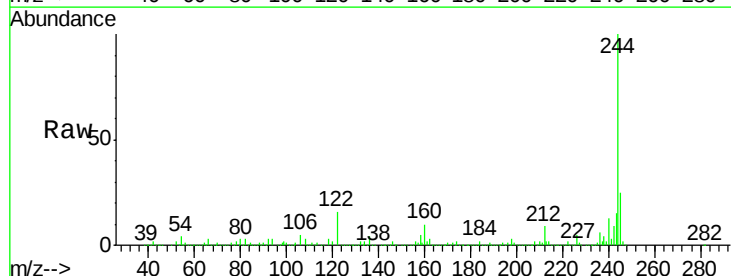
Instrument :
 BNA_F
 ClientSampled :

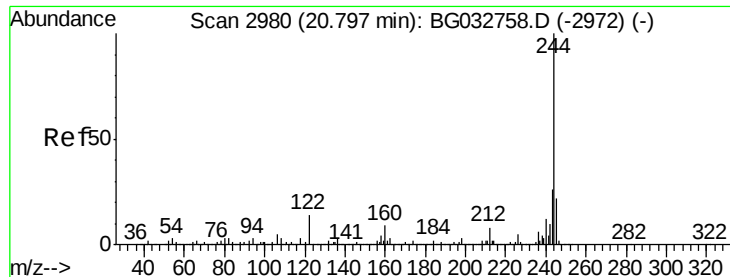
Tot Ion:240 Resp: 375365
 Ion Ratio Lower Upper
 240 100
 120 12.7 6.8 10.2#
 236 26.5 20.9 31.3



#76
 Benzidine
 Concen: 2.67 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. 0.36 min
 Lab File: BG032874.D
 Acq: 28 Feb 2018 4:01

Tgt Ion:184 Resp: 34162
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.1 16.7
 183 8.8 10.6 16.0#





#78

Terphenyl-d14

Concen: 113.58 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

Instrument :

BNA_F

ClientSampleId :

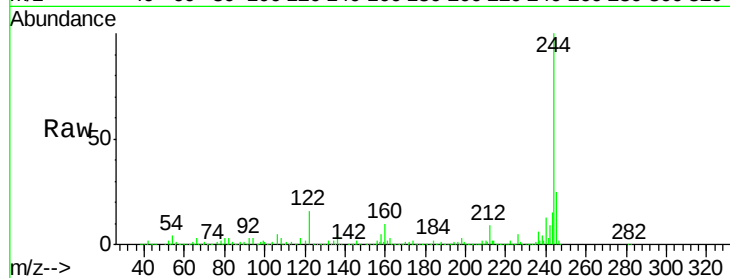
Tot Ion:244 Resp: 1897642

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

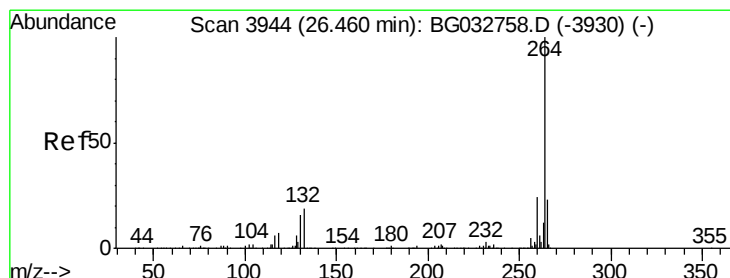
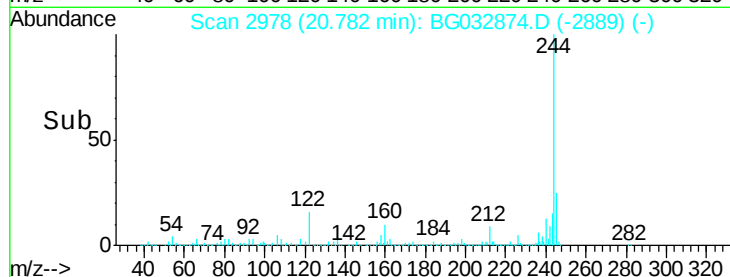
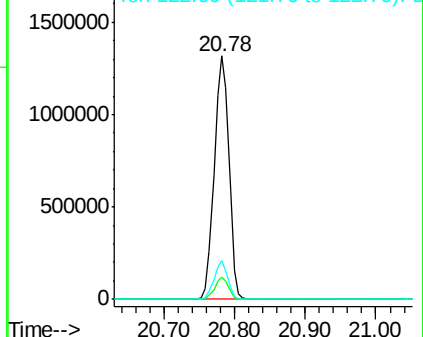
122 16.0 7.0 10.4#



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: 20.00 ng

RT: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032874.D

Acq: 28 Feb 2018 4:01

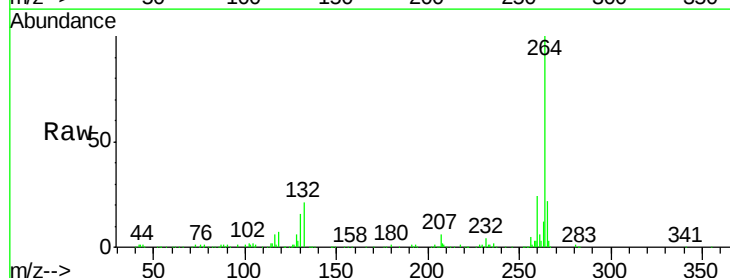
Tgt Ion:264 Resp: 372397

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.6 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

