

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043273.D
 Acq On : 17 Oct 2019 22:13
 Operator : JU
 Sample : K5292-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190855-AMENDED-COMP-B

Quant Time: Oct 18 01:43:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

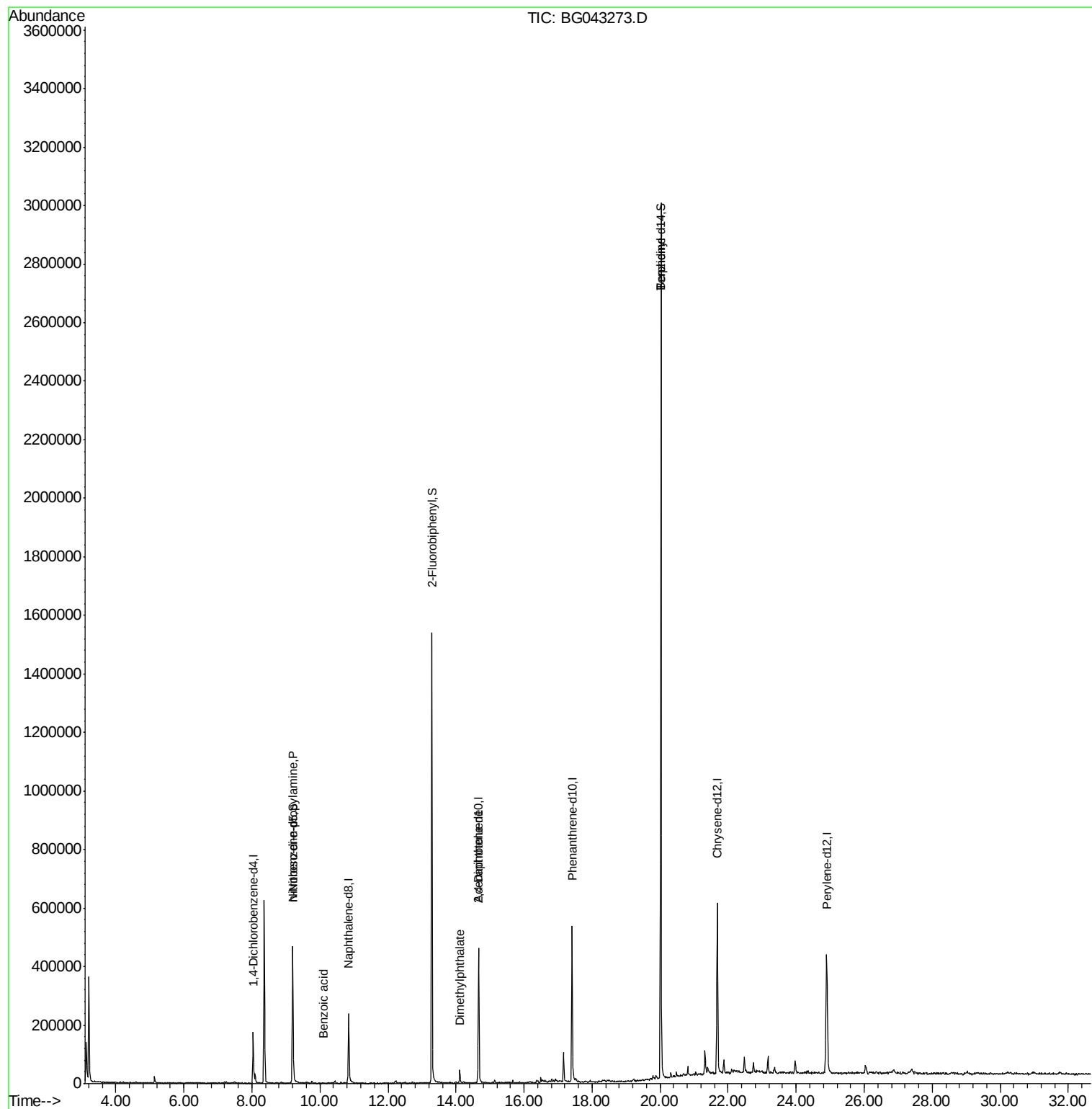
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57357	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	235691	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	168290	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	371475	20.00	ng	0.00
76) Chrysene-d12	21.68	240	392992	20.00	ng	0.00
87) Perylene-d12	24.90	264	466019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	65	0.02	ng	0.02
7) Phenol-d6	7.22	99	1276	0.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	317047	65.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	1067	0.37	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	881584	75.94	ng	-0.02
79) Terphenyl-d14	20.02	244	1555149	84.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	44964	14.795	ng	# 73
32) Benzoic acid	10.09	122	66	2.829	ng	# 32
50) Dimethylphthalate	14.11	163	33600	2.665	ng	98
57) 2,4-Dinitrotoluene	14.67	165	23070	5.867	ng	# 26
77) Benzidine	20.02	184	24315	2.471	ng	# 92

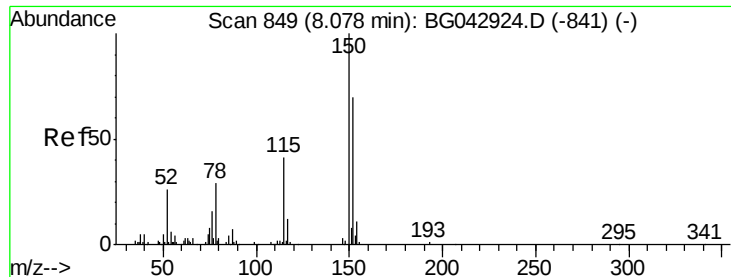
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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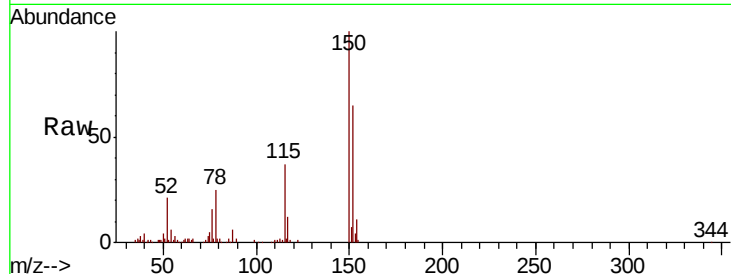


#1

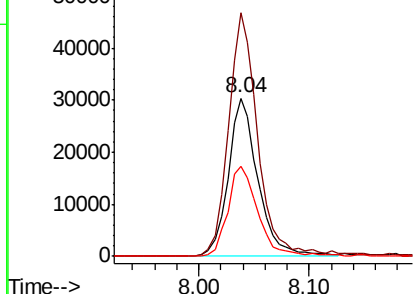
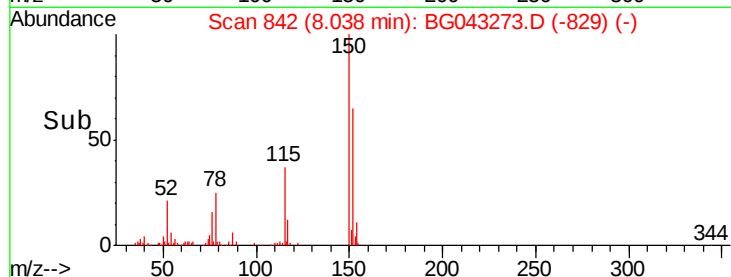
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Instrument :
BNA_G
ClientSampleId :
20190855-AMENDED-COMP-B

Tot Ion:152 Resp: 57357
Ion Ratio Lower Upper
152 100
150 154.2 115.0 172.4
115 56.9 47.0 70.6



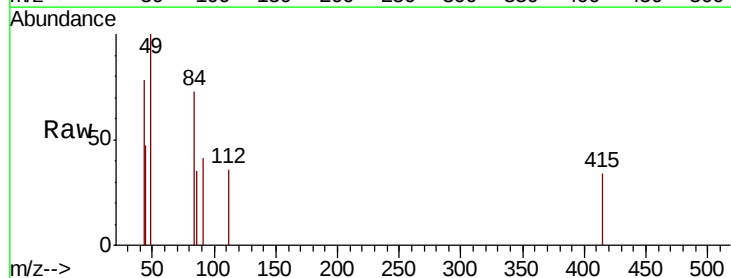
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



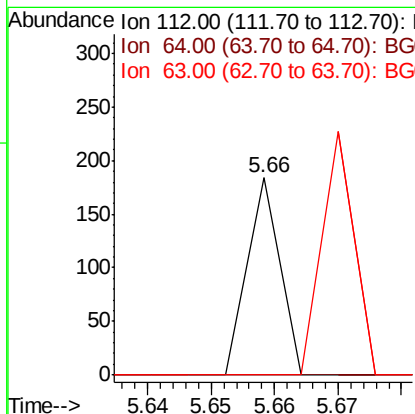
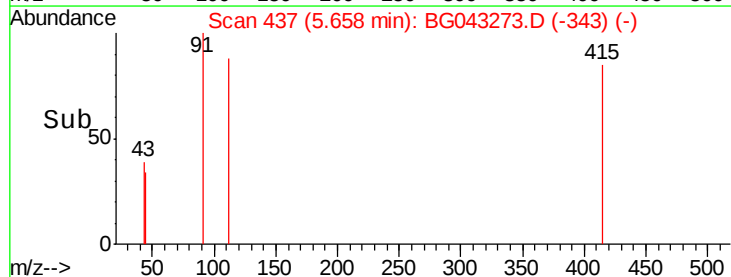
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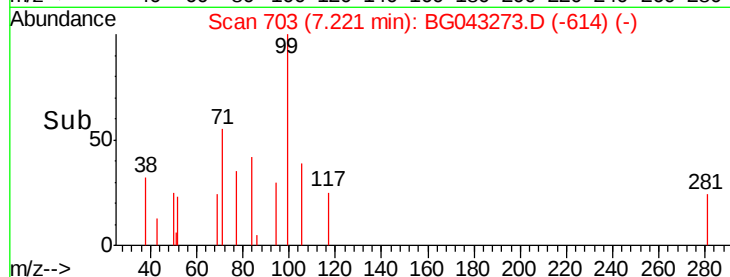
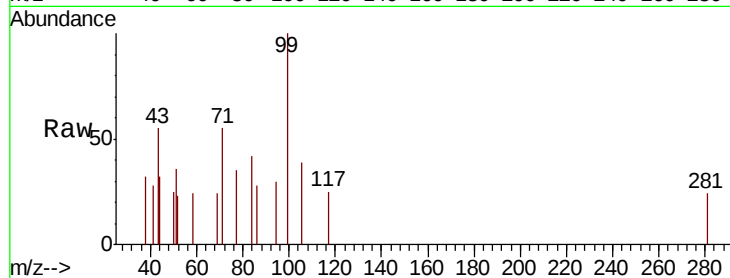
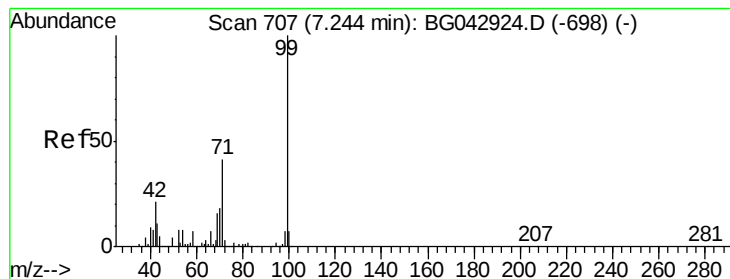
2-Fluorophenol
Concen: 0.020 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.02 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Tgt Ion:112 Resp: 65
Ion Ratio Lower Upper
112 100
64 0.0 56.6 84.8#
63 0.0 35.1 52.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 0.276 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

Instrument :

BNA_G

ClientSampleId :

20190855-AMENDED-COMP-B

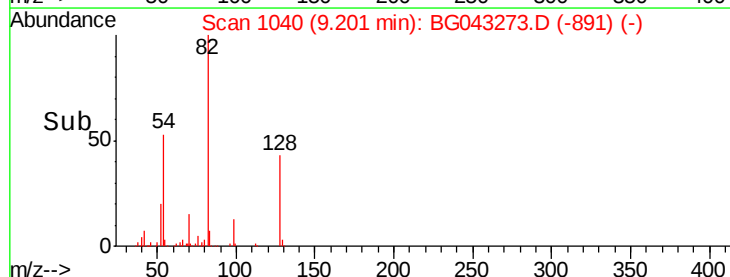
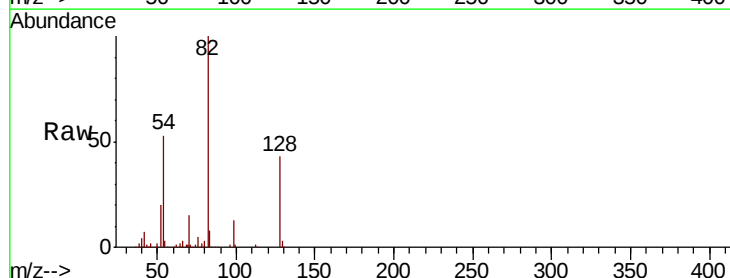
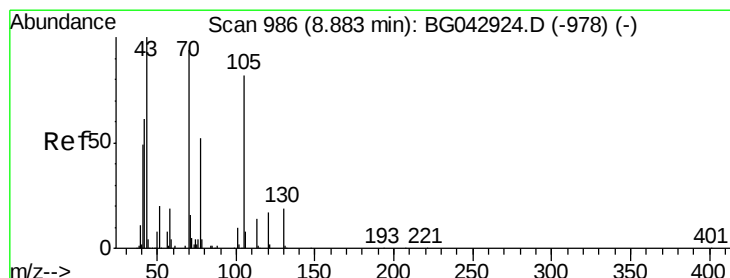
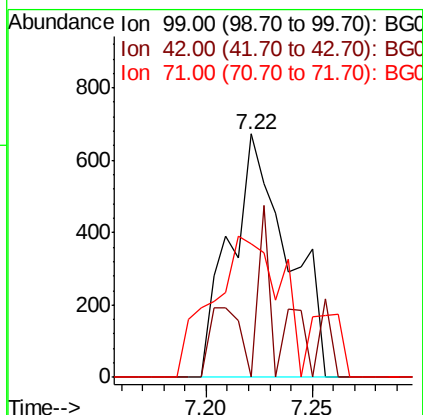
Tot Ion: 99 Resp: 1276

Ion Ratio Lower Upper

99 100

42 0.0 17.2 25.8#

71 55.0 33.1 49.7#



#19

n-Nitroso-di-n-propylamine

Concen: 14.795 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

Tgt Ion: 70 Resp: 44964

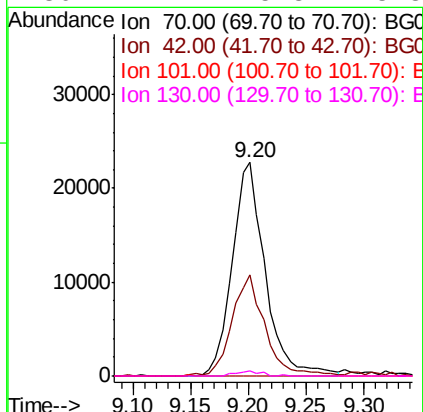
Ion Ratio Lower Upper

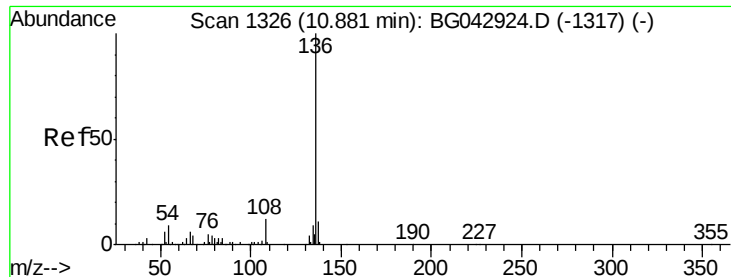
70 100

42 47.4 52.6 79.0#

101 0.0 8.7 13.1#

130 2.4 15.8 23.8#

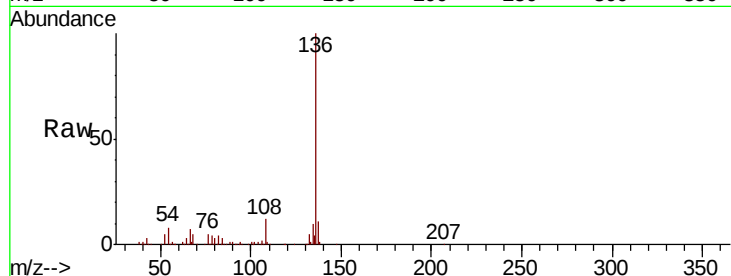




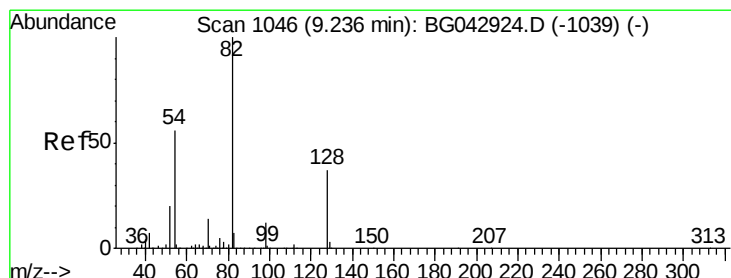
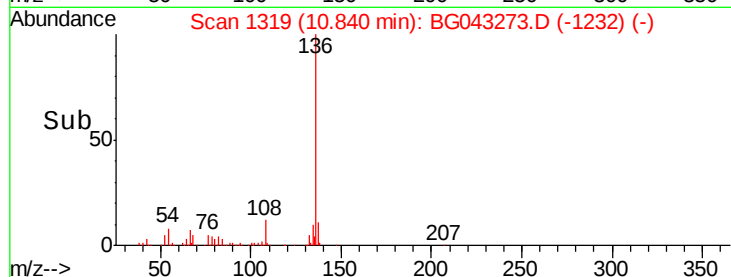
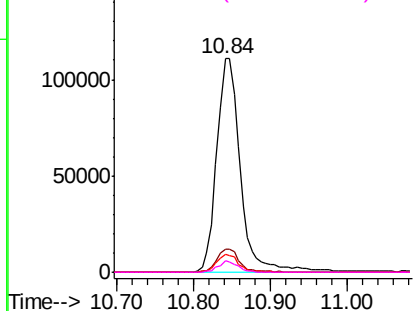
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Instrument :
BNA_G
ClientSampleId :
20190855-AMENDED-COMP-B

Tot Ion:136	Resp:	235691	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.5	12.7	
54 8.1	7.4	11.2	
68 5.2	3.6	5.4	

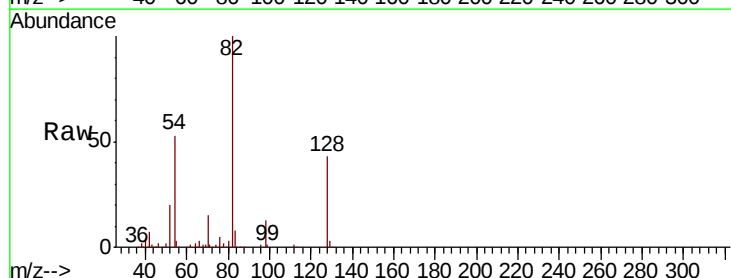


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

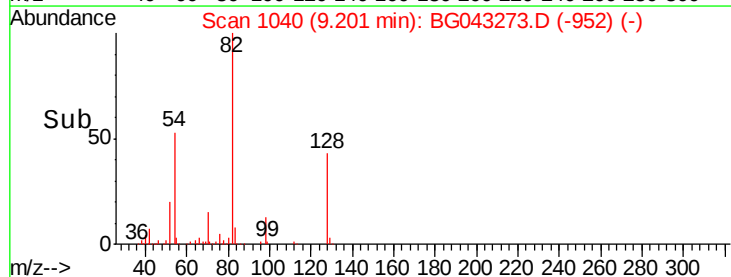
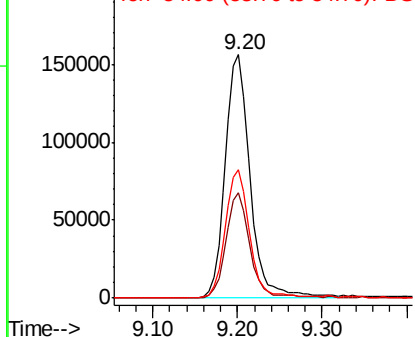


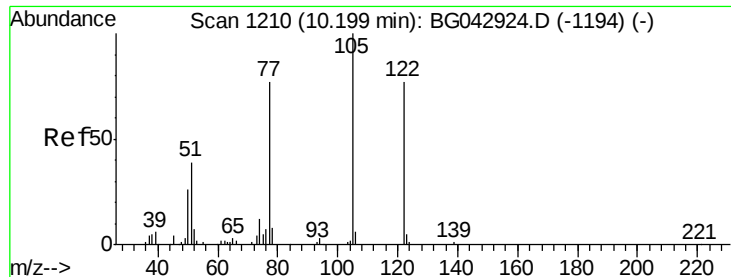
#23
Nitrobenzene-d5
Concen: 65.383 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Tgt Ion: 82	Resp: 317047
Ion Ratio	Lower Upper
82 100	
128 43.4	29.5 44.3
54 52.8	44.6 67.0



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

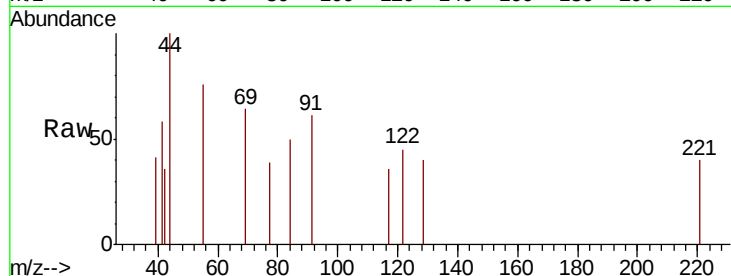




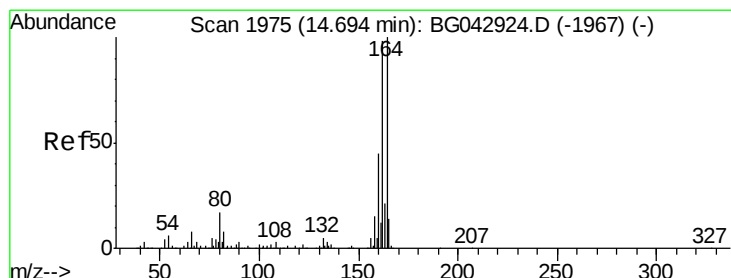
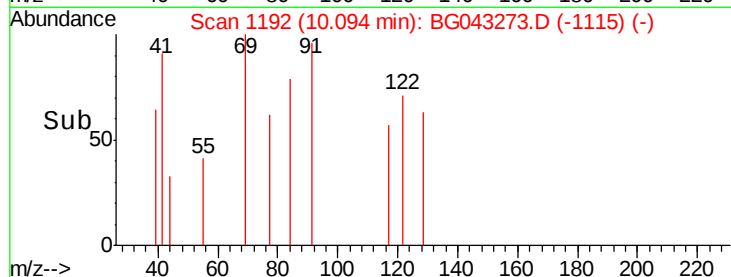
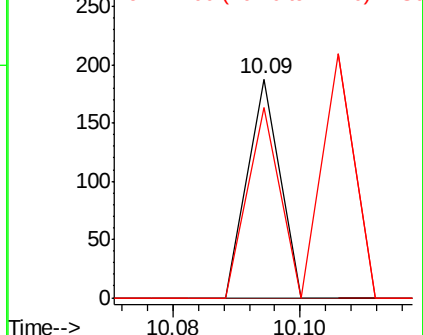
#32
Benzoic acid
Concen: 2.829 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.08 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Instrument :
BNA_G
ClientSampleId :
20190855-AMENDED-COMP-B

Tot Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 0.0 107.5 147.5#
77 86.7 79.8 119.8

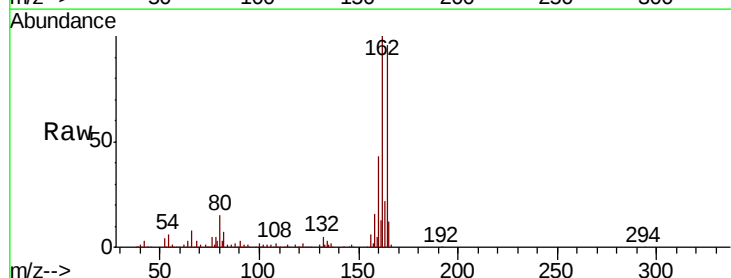


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

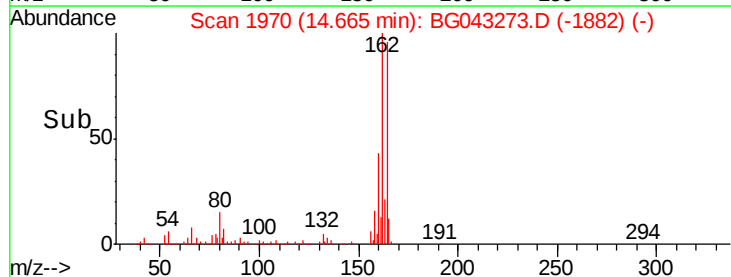
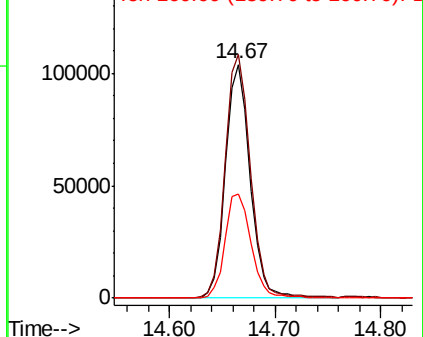


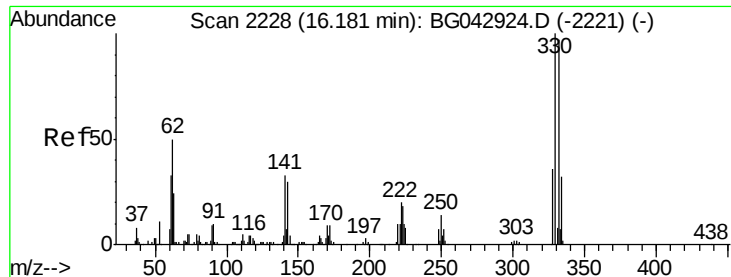
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Tgt Ion:164 Resp: 168290
Ion Ratio Lower Upper
164 100
162 104.2 78.5 117.7
160 44.5 35.9 53.9



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

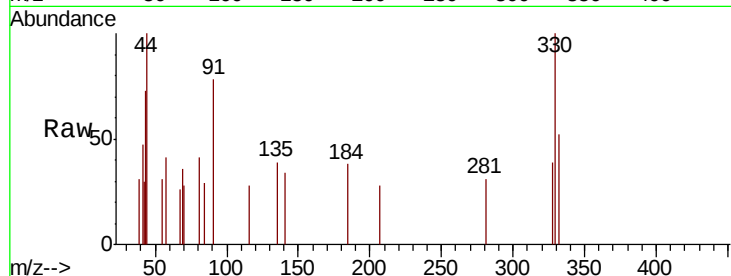




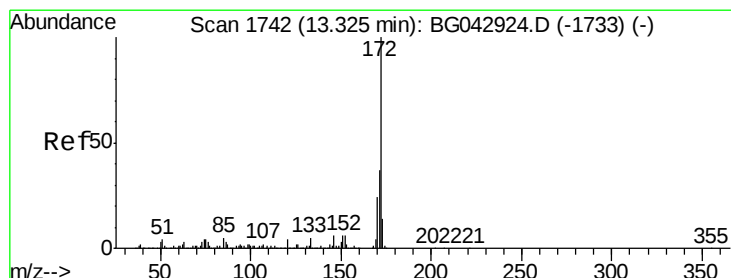
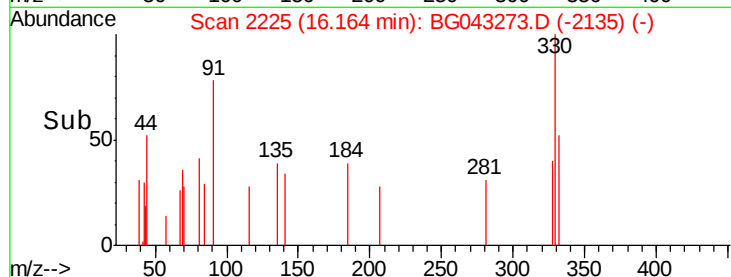
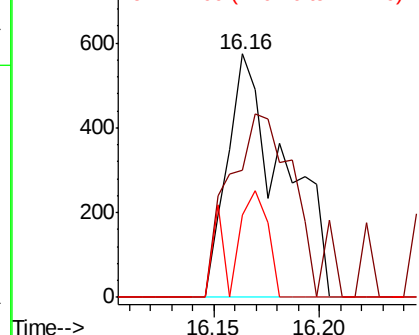
#42
 2,4,6-Tribromophenol
 Concen: 0.369 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG043273.D
 Acq: 17 Oct 2019 22:13

Instrument :
 BNA_G
 ClientSampleId :
 20190855-AMENDED-COMP-B

Tot Ion:330 Resp: 1067
 Ion Ratio Lower Upper
 330 100
 332 88.8 78.2 117.2
 141 27.8 26.0 39.0

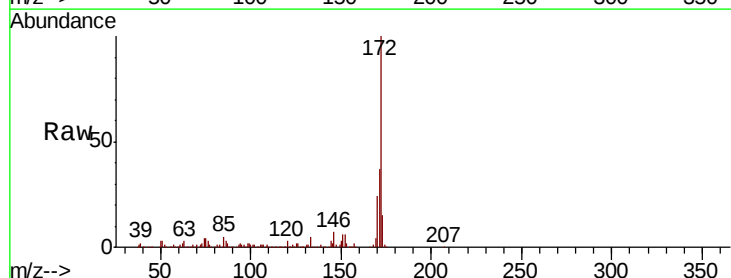


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

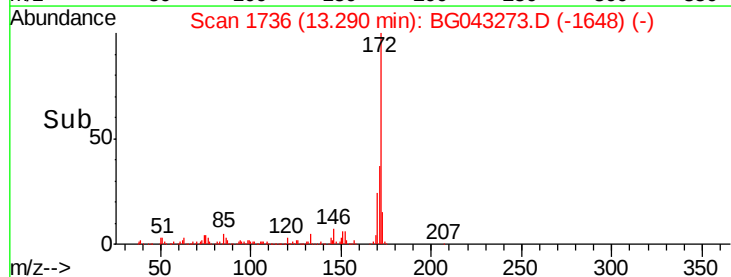
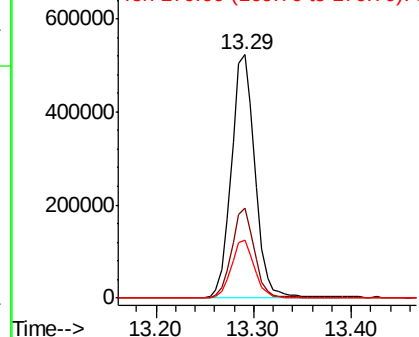


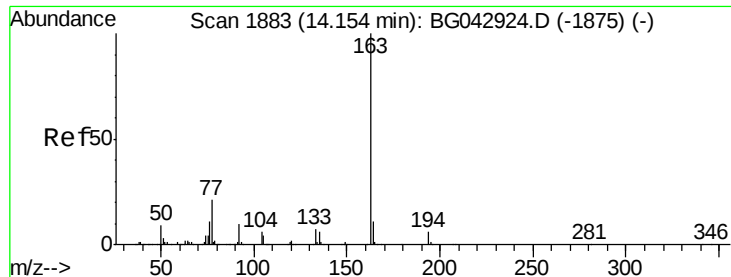
#45
 2-Fluorobiphenyl
 Concen: 75.942 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG043273.D
 Acq: 17 Oct 2019 22:13

Tgt Ion:172 Resp: 881584
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.0 19.6 29.4



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

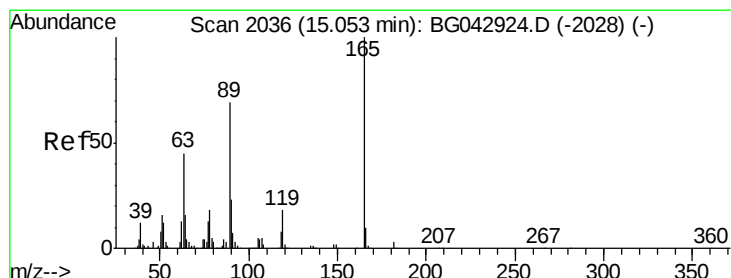
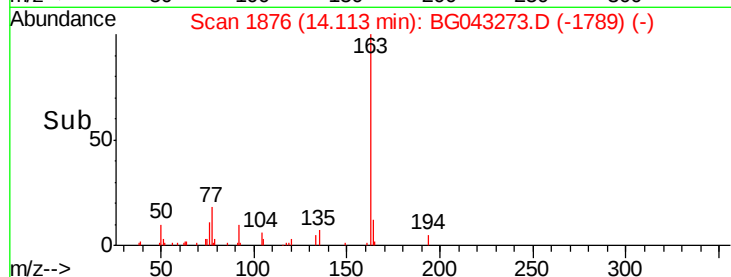
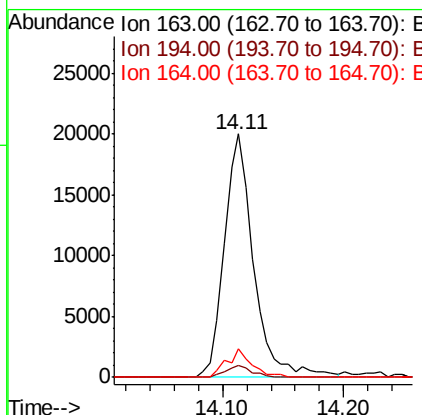
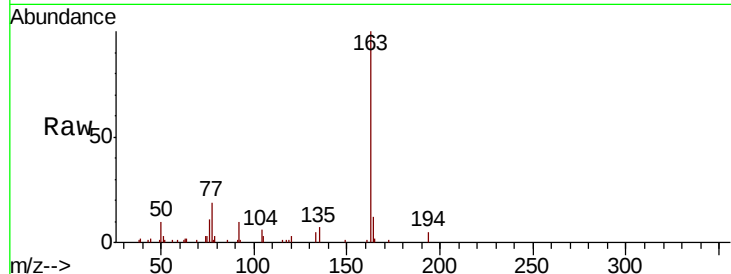




#50
Dimethylphthalate
Concen: 2.665 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

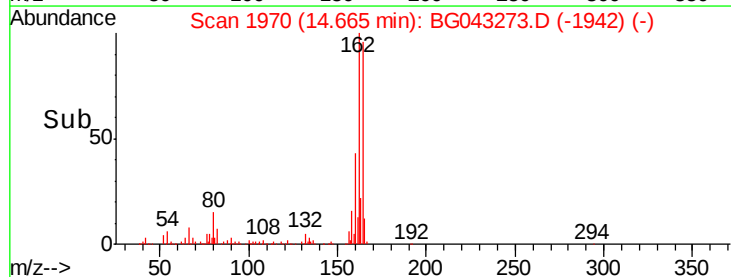
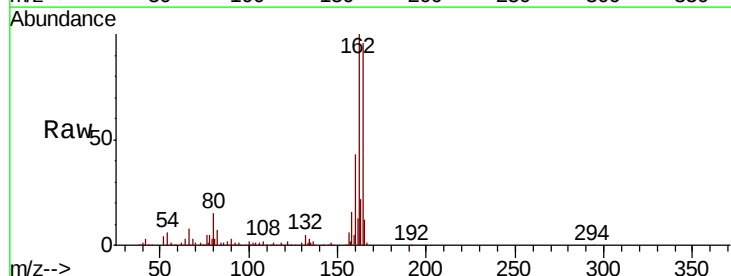
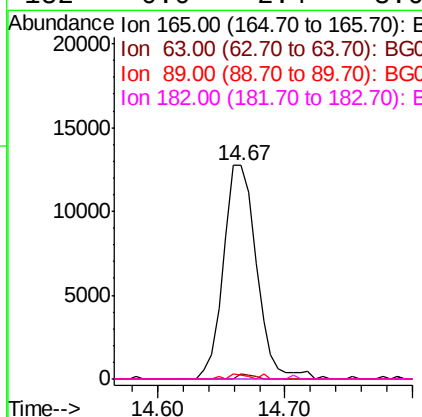
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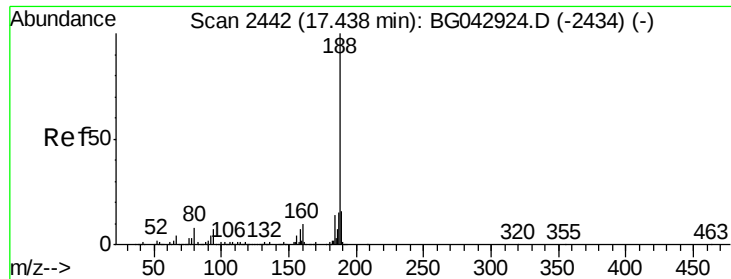
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.4	6.6
164	11.5	8.6	12.8



#57
2,4-Dinitrotoluene
Concen: 5.867 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.37 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.5	54.7#
89	2.0	55.5	83.3#
182	0.0	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

Instrument :

BNA_G

ClientSampleId :

20190855-AMENDED-COMP-B

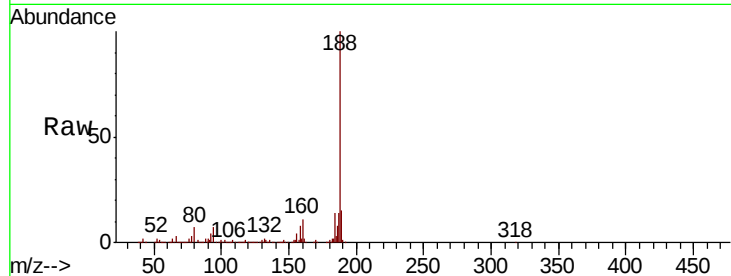
Tot Ion:188 Resp: 371475

Ion Ratio Lower Upper

188 100

94 6.6 5.7 8.5

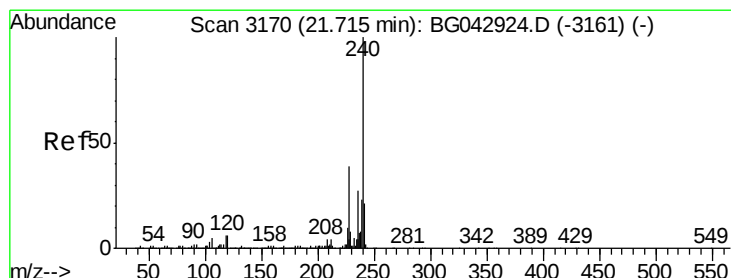
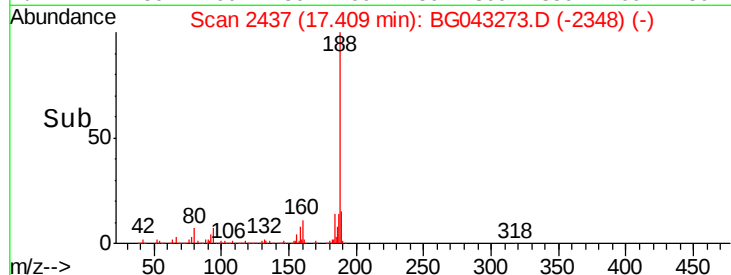
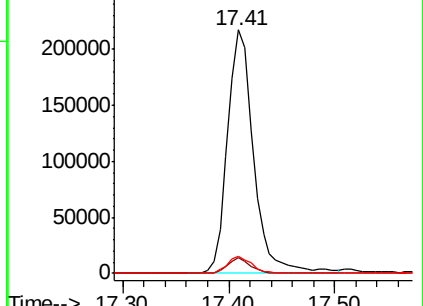
80 6.9 6.5 9.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

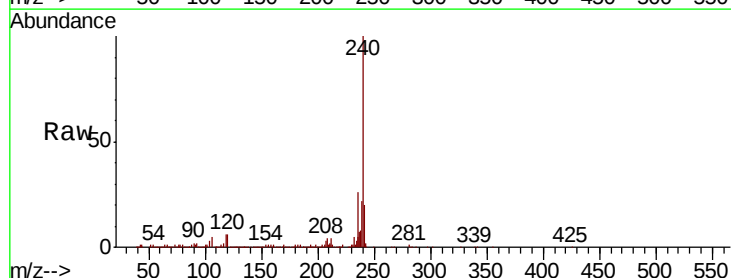
Tgt Ion:240 Resp: 392992

Ion Ratio Lower Upper

240 100

120 6.3 4.8 7.2

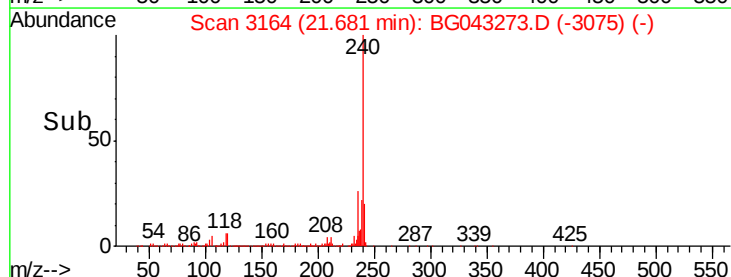
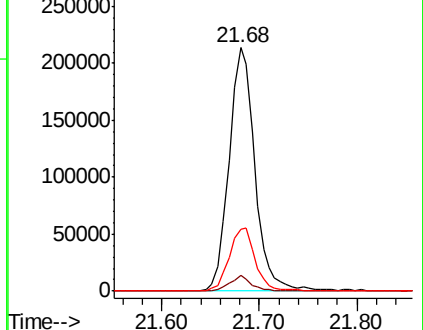
236 25.5 21.4 32.0

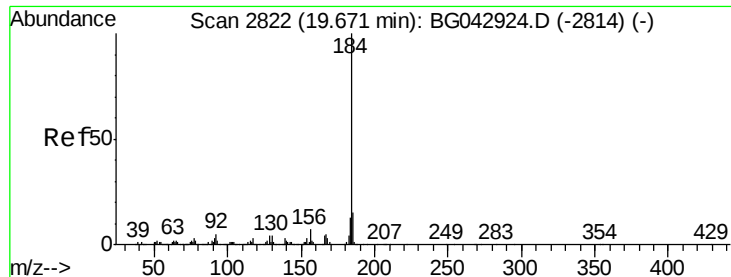


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.471 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.37 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

Instrument :

BNA_G

ClientSampleId :

20190855-AMENDED-COMP-B

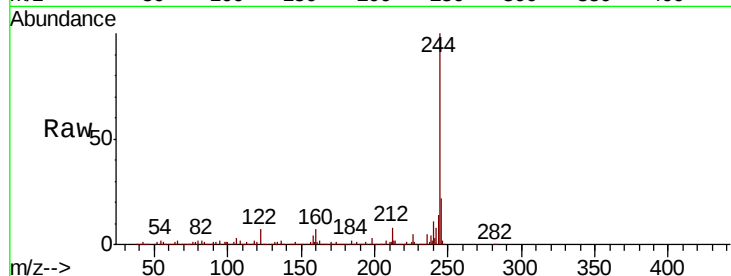
Tot Ion:184 Resp: 24315

Ion Ratio Lower Upper

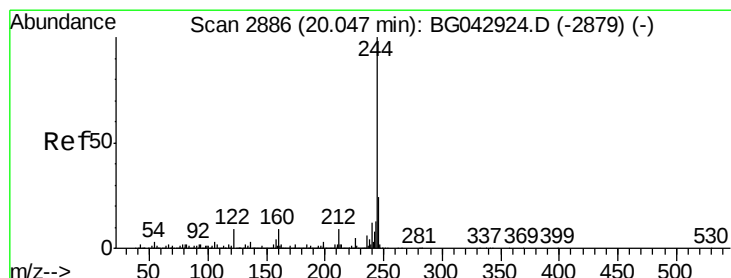
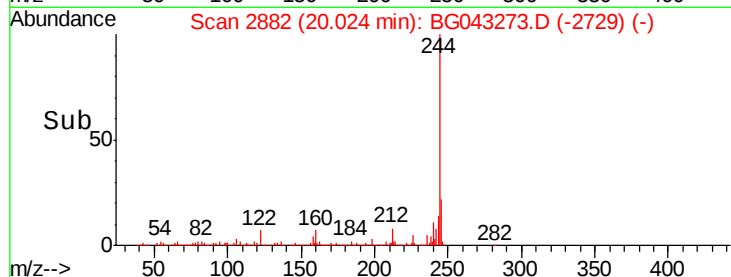
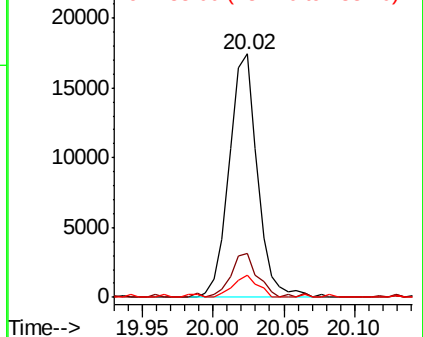
184 100

185 18.0 11.8 17.8#

183 9.1 10.1 15.1#



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



#79

Terphenyl-d14

Concen: 84.323 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

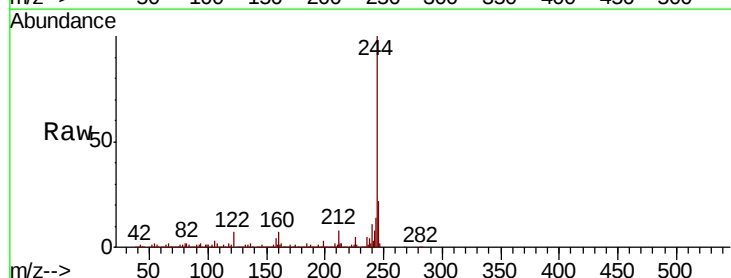
Tgt Ion:244 Resp: 1555149

Ion Ratio Lower Upper

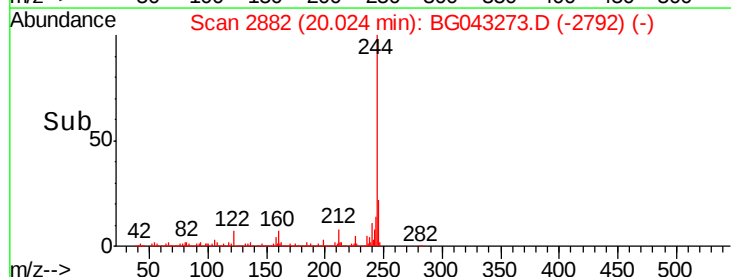
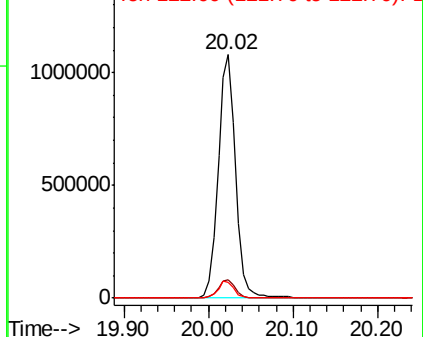
244 100

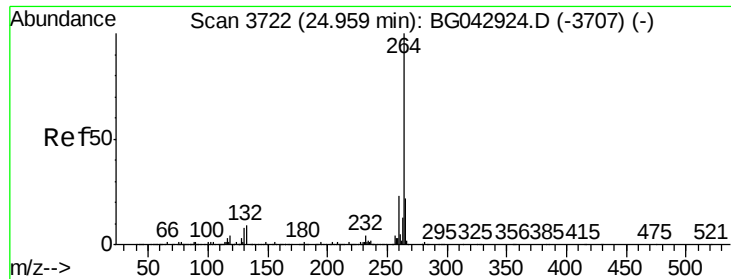
212 7.8 7.4 11.0

122 6.7 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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG043273.D
 Acq: 17 Oct 2019 22:13

Instrument :
 BNA_G
 ClientSampleId :
 20190855-AMENDED-COMP-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.7	17.7	26.5

