

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
 Data File : BG048400.D
 Acq On : 17 Mar 2021 16:28
 Operator : CG/JU
 Sample : M1688-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-LA-4-1-WC

Quant Time: Mar 17 17:32:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 16 16:05:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

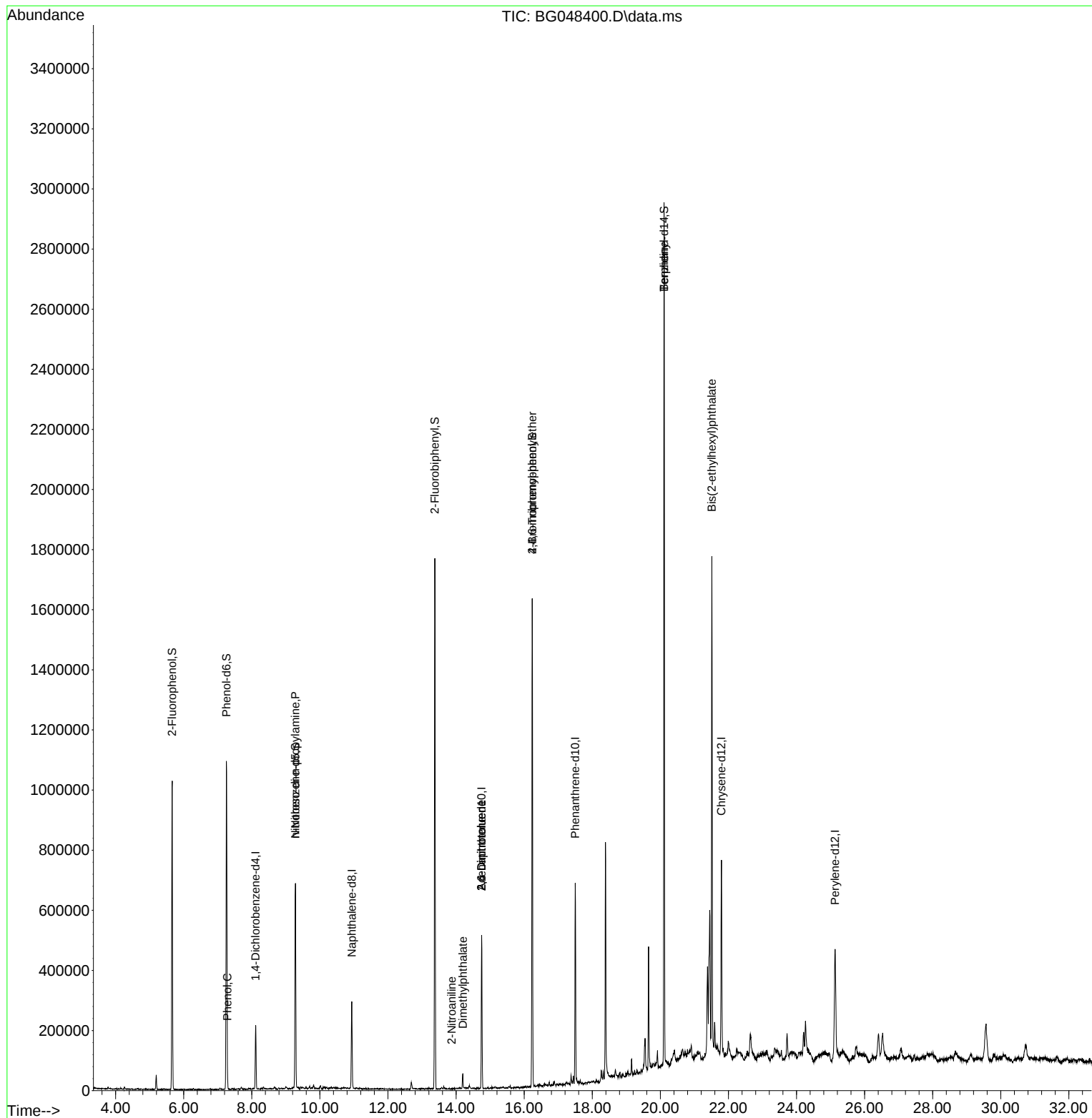
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	56081	20.00	ng	# 0.00
21) Naphthalene-d8	10.938	136	223197	20.00	ng	# 0.00
39) Acenaphthene-d10	14.751	164	180792	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	409719	20.00	ng	# 0.00
76) Chrysene-d12	21.796	240	401009	20.00	ng	# 0.00
86) Perylene-d12	25.133	264	411727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.662	112	382220	117.07	ng	0.00
7) Phenol-d6	7.254	99	548061	113.94	ng	0.00
23) Nitrobenzene-d5	9.281	82	414620	82.54	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	295736	127.85	ng	0.00
45) 2-Fluorobiphenyl	13.376	172	861054	67.12	ng	0.00
79) Terphenyl-d14	20.109	244	1345011	64.82	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.260	77	2032	Below Cal	#	1
10) Phenol	7.283	94	12894	2.63 ng	#	55
19) n-Nitroso-di-n-propyla...	9.281	70	63822	17.22 ng	#	76
48) 2-Nitroaniline	13.870	65	80	3.49 ng	#	1
50) Dimethylphthalate	14.199	163	28341	2.04 ng		98
51) 2,6-Dinitrotoluene	14.751	165	24621	9.31 ng	#	34
57) 2,4-Dinitrotoluene	14.751	165	24621	7.92 ng	#	32
67) 4-Bromophenyl-phenylether	16.237	248	20636	4.19 ng	#	1
77) Benzidine	20.115	184	25087	2.41 ng	#	92
84) Bis(2-ethylhexyl)phtha...	21.514	149	593051	48.60 ng	#	50

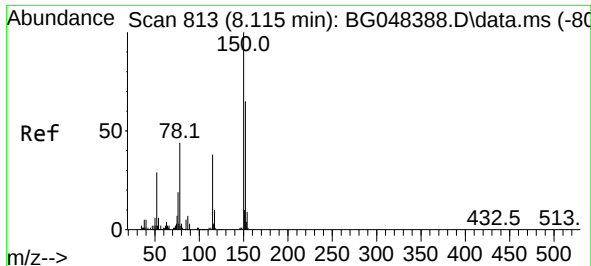
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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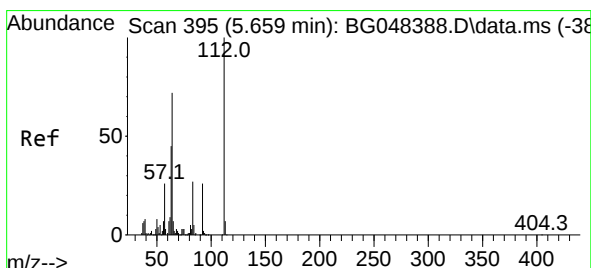
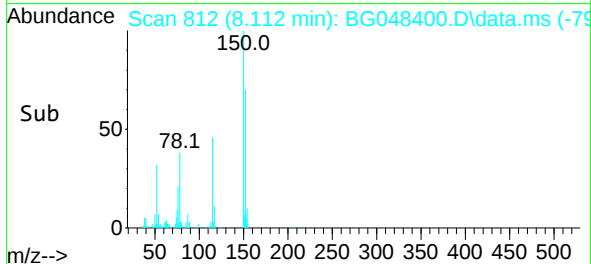
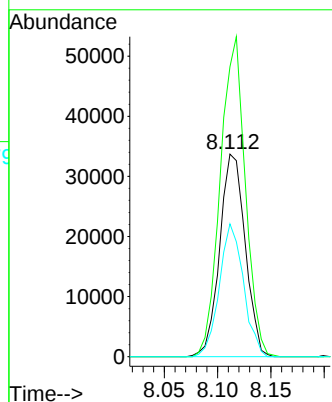
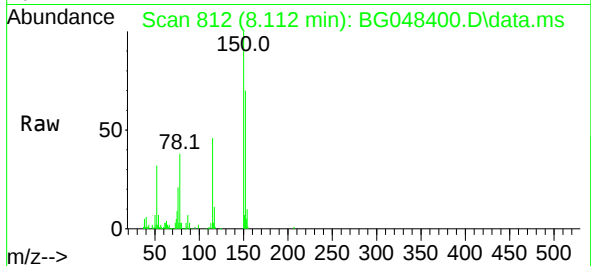




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.112 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

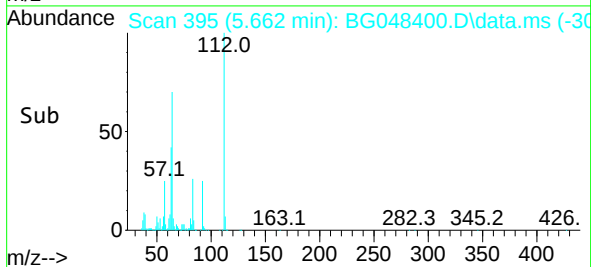
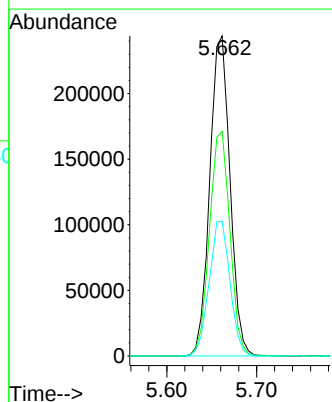
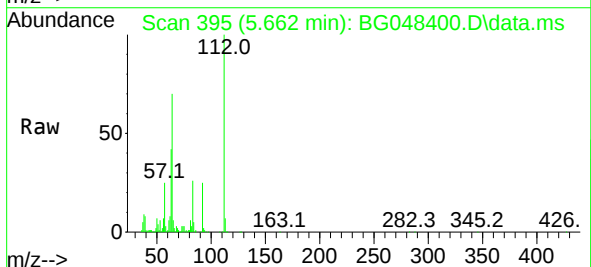
Instrument :
BNA_G
ClientSampleId :
R-LA-4-1-WC

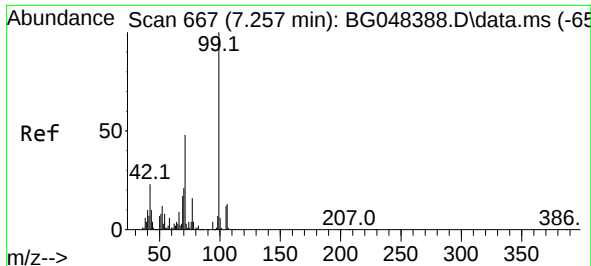
Tgt Ion:152 Resp: 56081
Ion Ratio Lower Upper
152 100
150 143.1 125.0 187.6
115 65.6 41.8 62.6#



#5
2-Fluorophenol
Concen: 117.07 ng
RT: 5.662 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

Tgt Ion:112 Resp: 382220
Ion Ratio Lower Upper
112 100
64 70.1 46.7 70.1#
63 42.0 22.8 34.2#

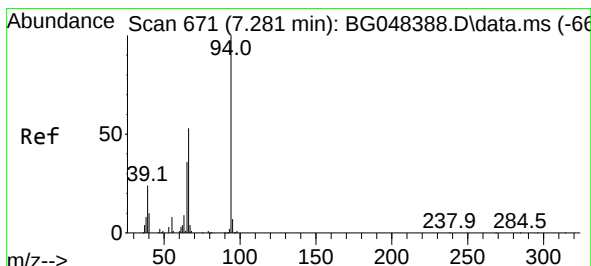
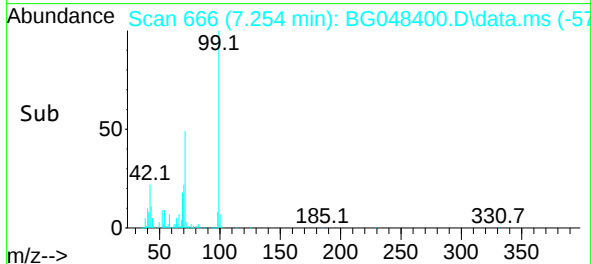
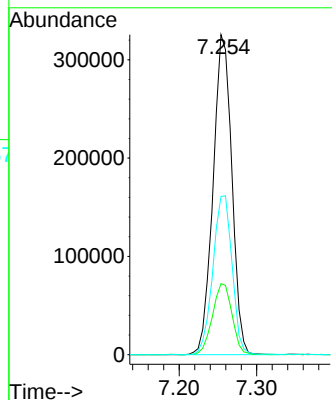
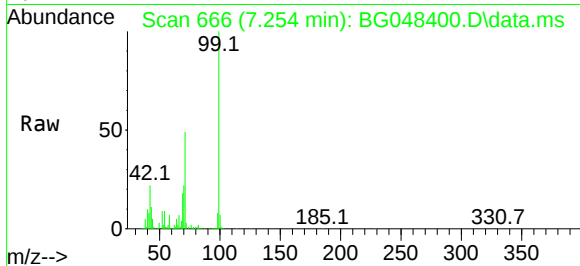




#7
Phenol-d6
Concen: 113.94 ng
RT: 7.254 min Scan# 666
Delta R.T. -0.004 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

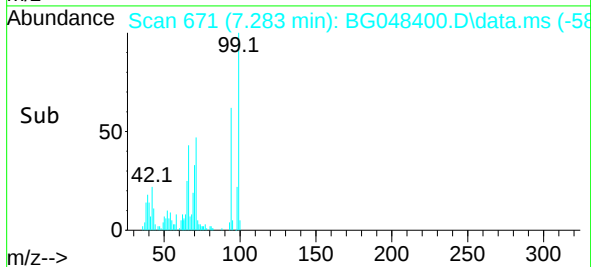
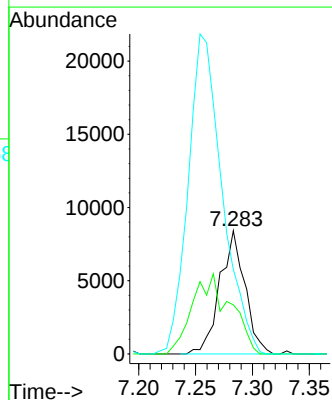
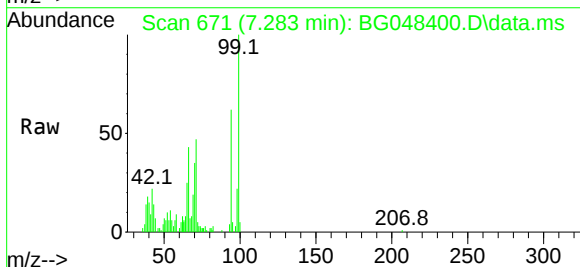
Instrument :
BNA_G
ClientSampleId :
R-LA-4-1-WC

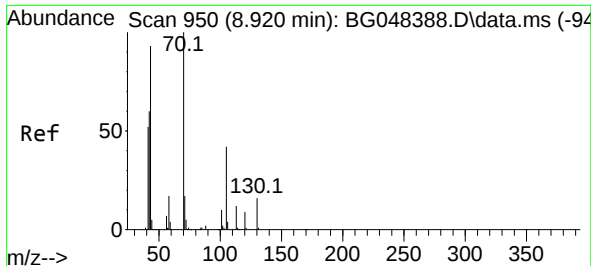
Tgt Ion: 99 Resp: 548061
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 49.5 24.6 36.8#



#10
Phenol
Concen: 2.63 ng
RT: 7.283 min Scan# 671
Delta R.T. 0.002 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

Tgt Ion: 94 Resp: 12894
Ion Ratio Lower Upper
94 100
65 39.8 6.6 46.6
66 68.6 13.9 53.9#

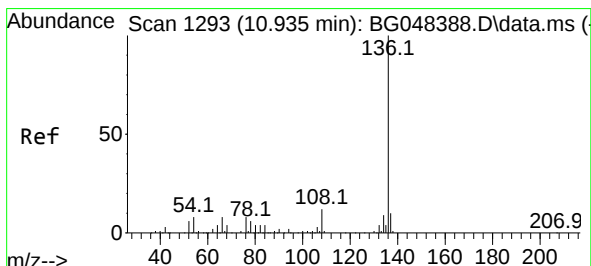
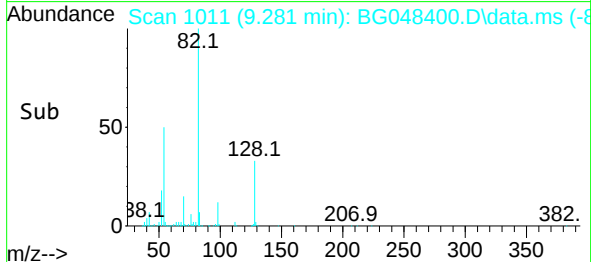
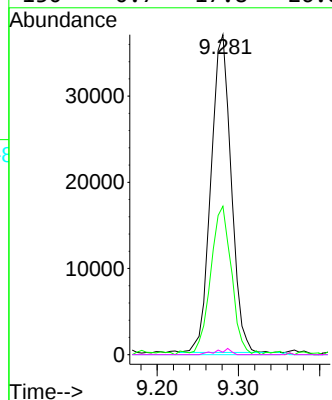
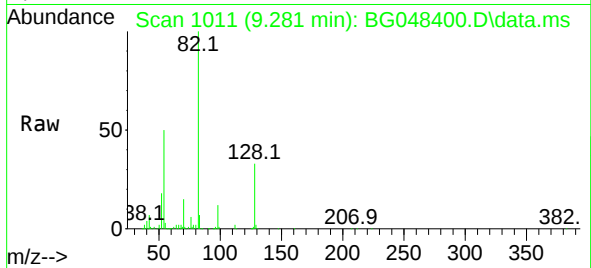




#19
n-Nitroso-di-n-propylamine
Concen: 17.22 ng
RT: 9.281 min Scan# 1011
Delta R.T. 0.361 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

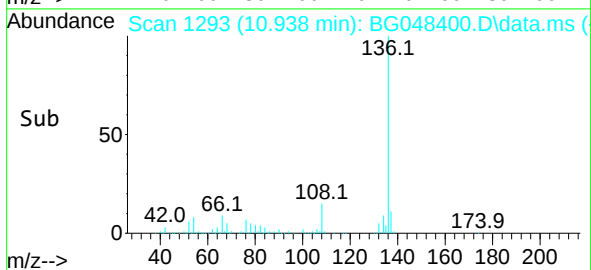
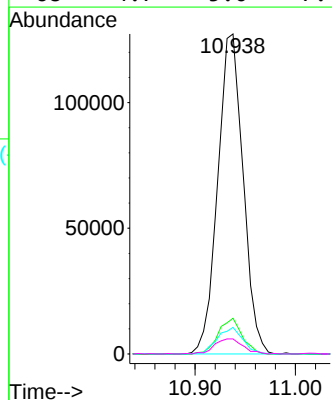
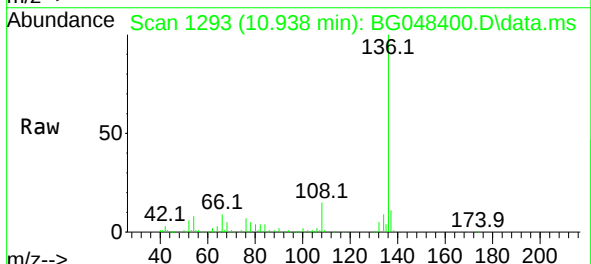
Instrument :
BNA_G
ClientSampleId :
R-LA-4-1-WC

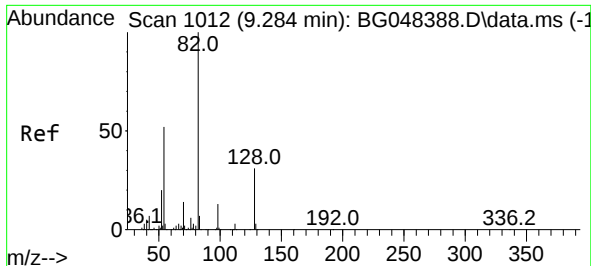
Tgt Ion: 70	Resp: 63822
Ion Ratio	Lower Upper
70 100	
42 46.4	45.6 68.4
101 0.0	8.4 12.6#
130 0.7	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.938 min Scan# 1293
Delta R.T. 0.003 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

Tgt Ion: 136	Resp: 223197
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 8.3	6.2 9.4
68 4.7	5.0 7.4#





#23

Nitrobenzene-d5

Concen: 82.54 ng

RT: 9.281 min Scan# 1011

Delta R.T. -0.003 min

Lab File: BG048400.D

Acq: 17 Mar 2021 16:28

Tgt Ion: 82 Resp: 414620

Ion Ratio Lower Upper

82 100

128 33.1 37.0 55.6#

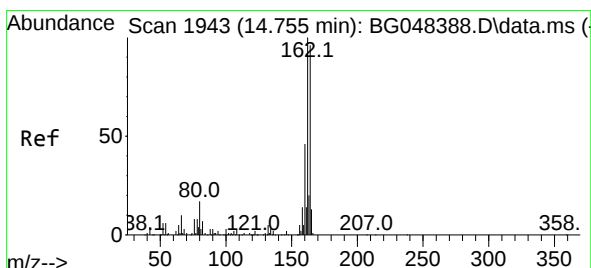
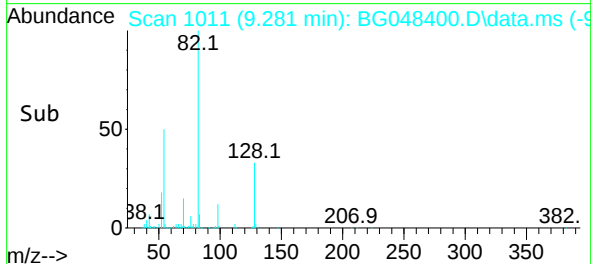
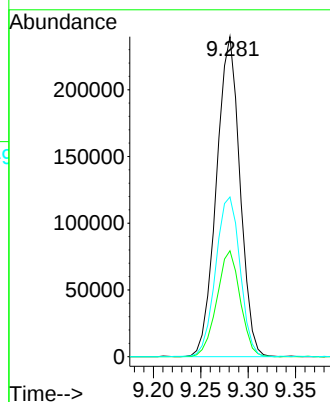
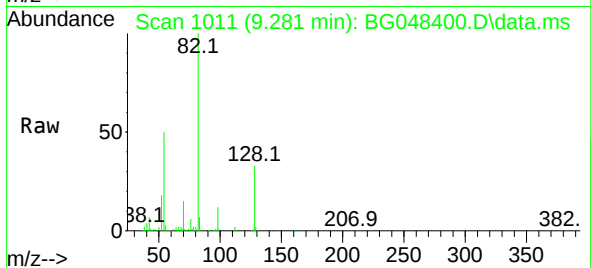
54 49.9 39.0 58.4

Instrument :

BNA_G

ClientSampleId :

R-LA-4-1-WC



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.751 min Scan# 1942

Delta R.T. -0.004 min

Lab File: BG048400.D

Acq: 17 Mar 2021 16:28

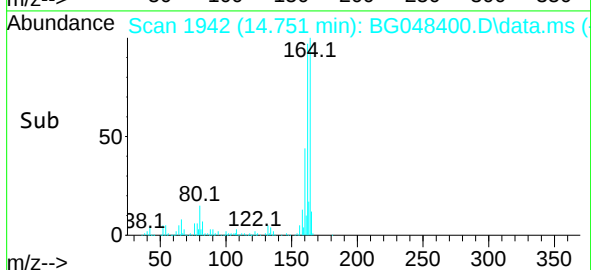
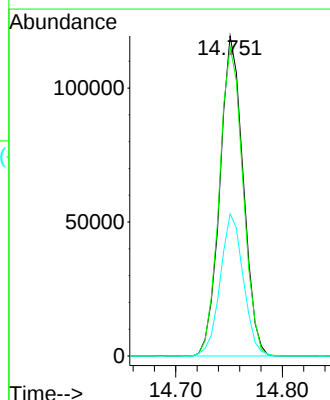
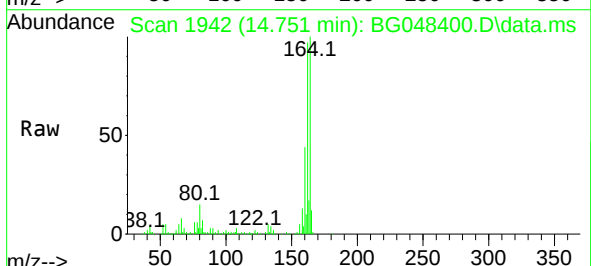
Tgt Ion:164 Resp: 180792

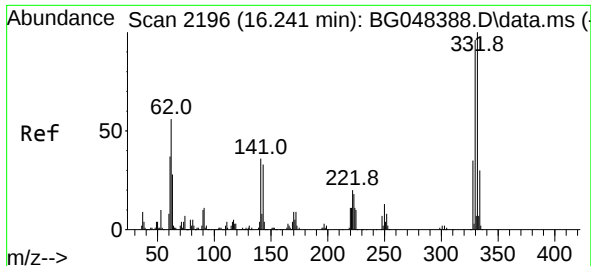
Ion Ratio Lower Upper

164 100

162 96.7 82.3 123.5

160 44.4 35.3 52.9

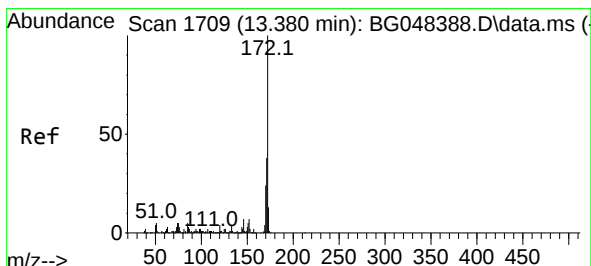
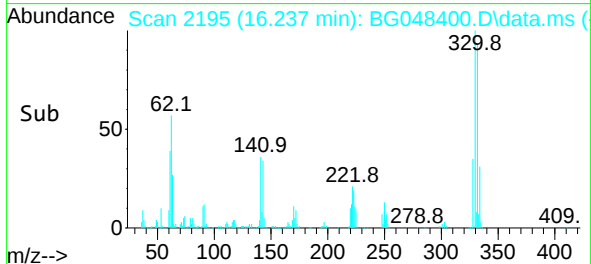
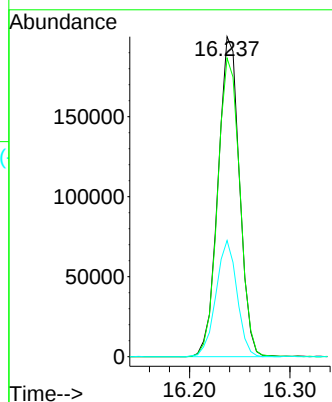
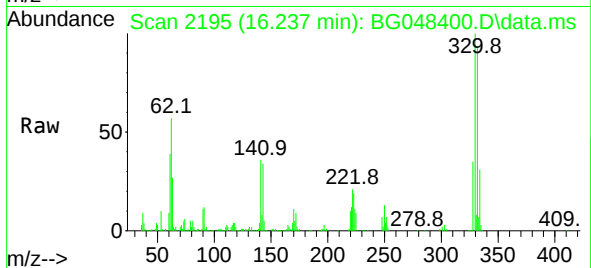




#42
2,4,6-Tribromophenol
Concen: 127.85 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

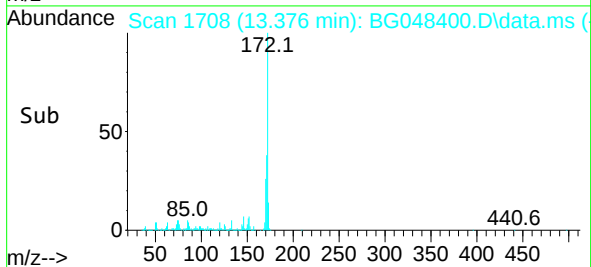
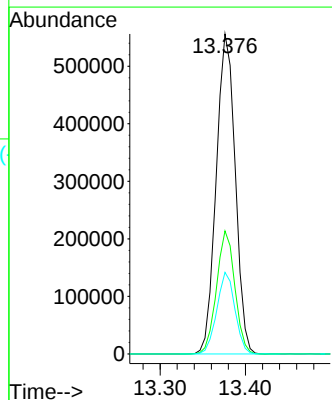
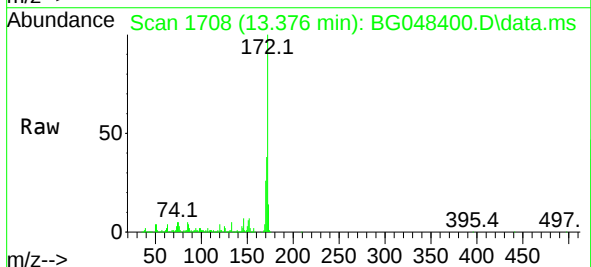
Instrument :
BNA_G
ClientSampleId :
R-LA-4-1-WC

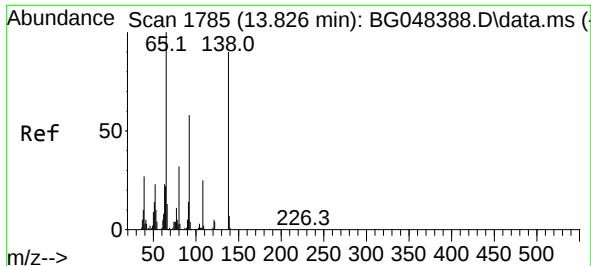
Tgt Ion:330 Resp: 295736
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 67.12 ng
RT: 13.376 min Scan# 1708
Delta R.T. -0.004 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

Tgt Ion:172 Resp: 861054
Ion Ratio Lower Upper
172 100
171 38.4 31.3 46.9
170 25.5 20.8 31.2

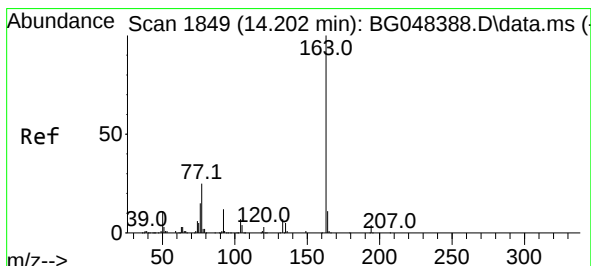
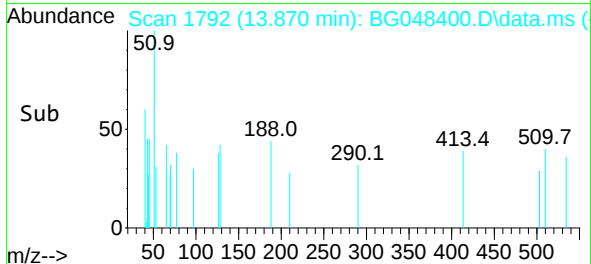
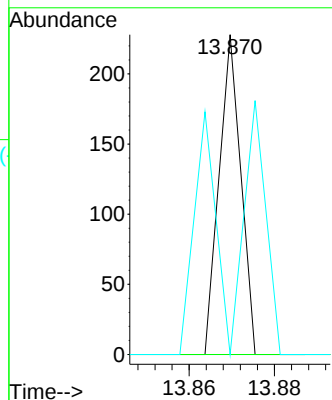
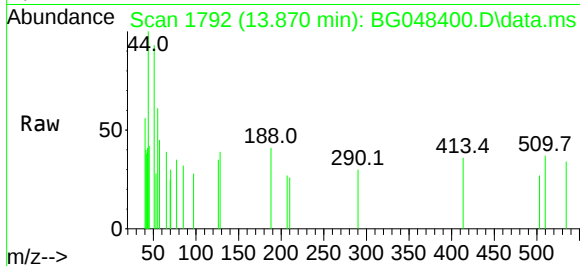




#48
2-Nitroaniline
Concen: 3.49 ng
RT: 13.870 min Scan# 1792
Delta R.T. 0.044 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

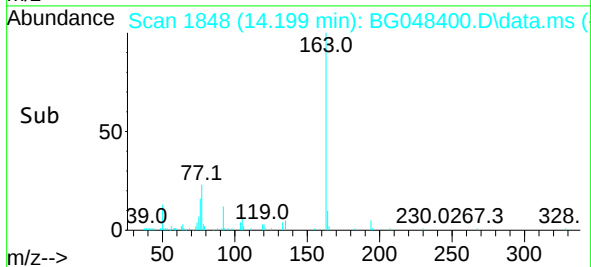
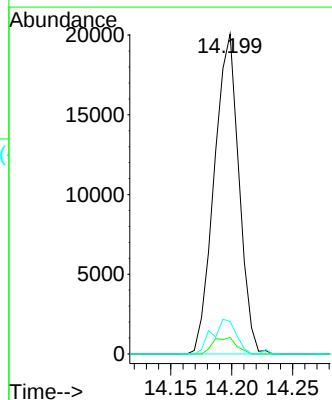
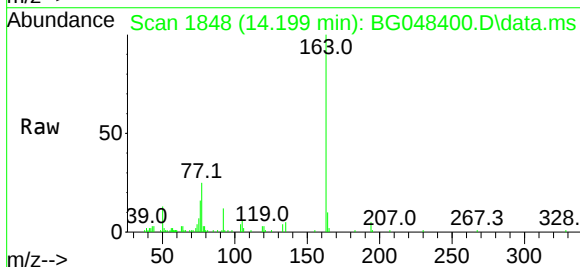
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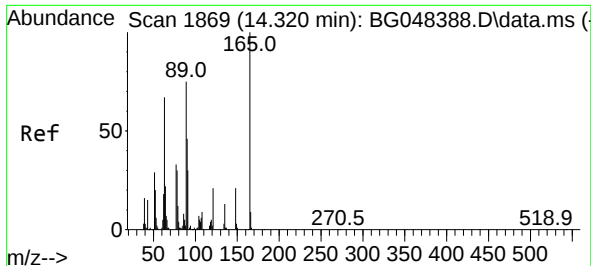
Tgt Ion: 65 Resp: 80
Ion Ratio Lower Upper
65 100
92 0.0 58.6 88.0#
138 0.0 98.2 147.4#



#50
Dimethylphthalate
Concen: 2.04 ng
RT: 14.199 min Scan# 1848
Delta R.T. -0.004 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

Tgt Ion: 163 Resp: 28341
Ion Ratio Lower Upper
163 100
194 5.2 3.8 5.8
164 10.1 8.8 13.2

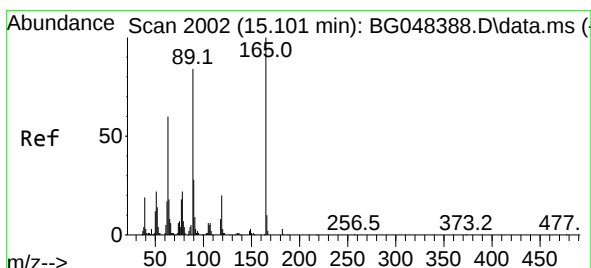
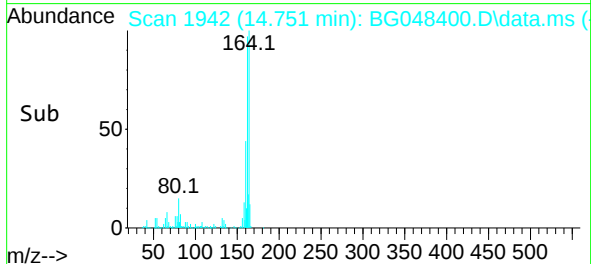
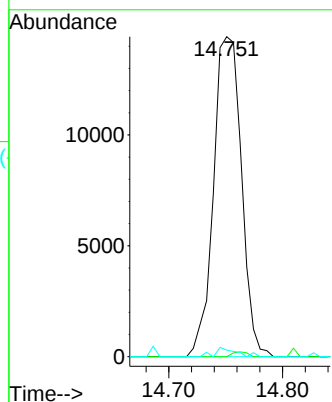
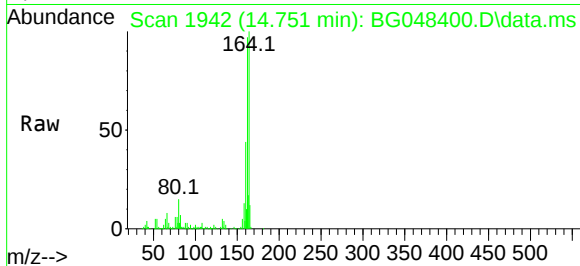




#51
2,6-Dinitrotoluene
Concen: 9.31 ng
RT: 14.751 min Scan# 1942
Delta R.T. 0.431 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

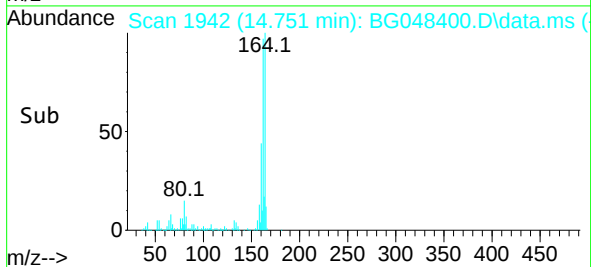
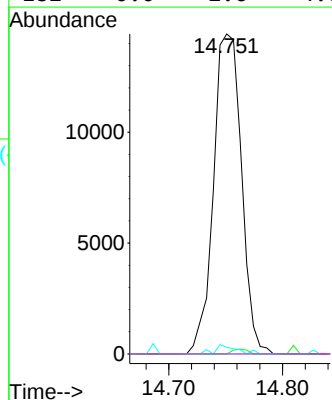
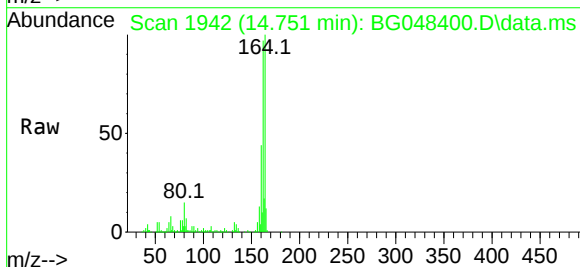
Instrument :
BNA_G
ClientSampleId :
R-LA-4-1-WC

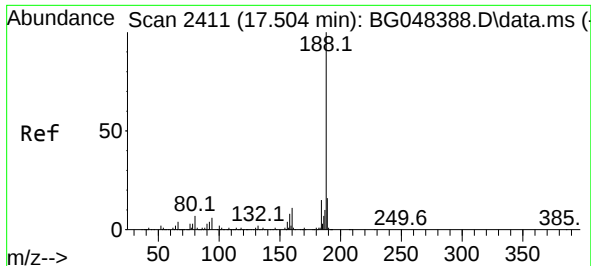
Tgt Ion:165 Resp: 24621
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.1 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.92 ng
RT: 14.751 min Scan# 1942
Delta R.T. -0.350 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

Tgt Ion:165 Resp: 24621
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.1 47.8 71.8#
182 0.0 2.6 4.0#

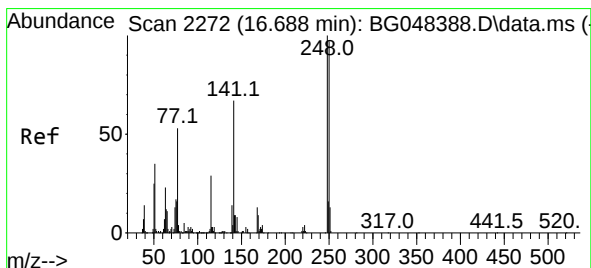
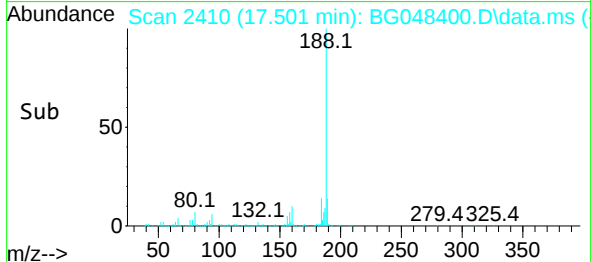
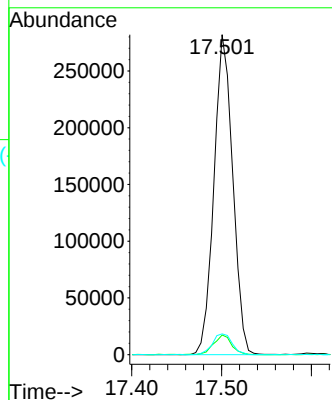
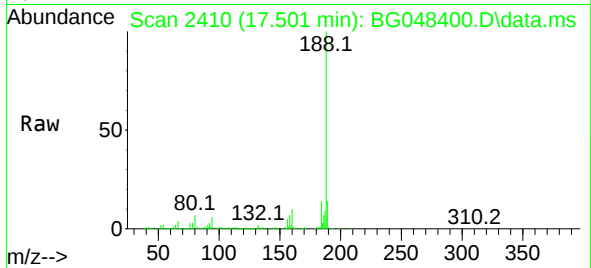




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

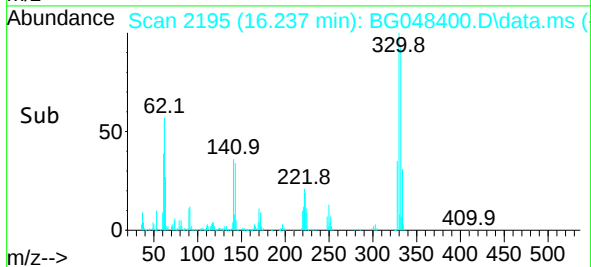
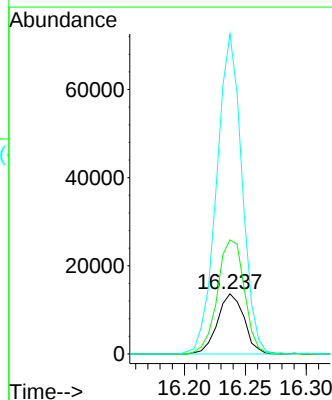
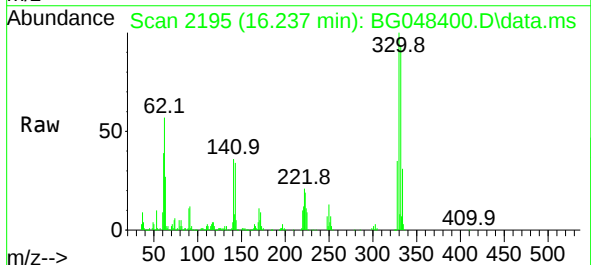
Instrument :
BNA_G
ClientSampleId :
R-LA-4-1-WC

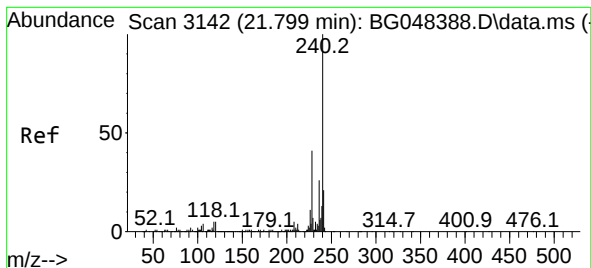
Tgt Ion:188 Resp: 409719
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 6.5 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048400.D
Acq: 17 Mar 2021 16:28

Tgt Ion:248 Resp: 20636
Ion Ratio Lower Upper
248 100
250 189.3 78.9 118.3#
141 531.3 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.796 min Scan# 3141

Delta R.T. -0.003 min

Lab File: BG048400.D

Acq: 17 Mar 2021 16:28

Tgt Ion:240 Resp: 401009

Ion Ratio Lower Upper

240 100

120 4.1 6.2 9.4#

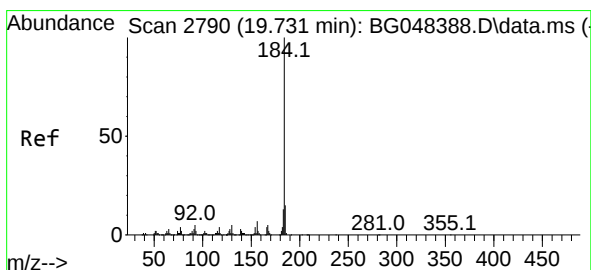
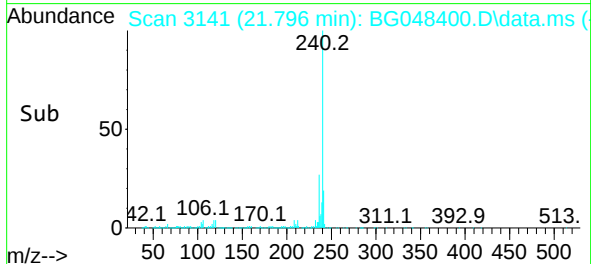
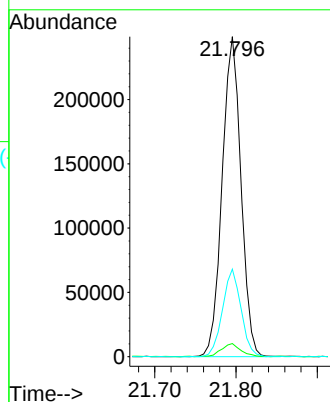
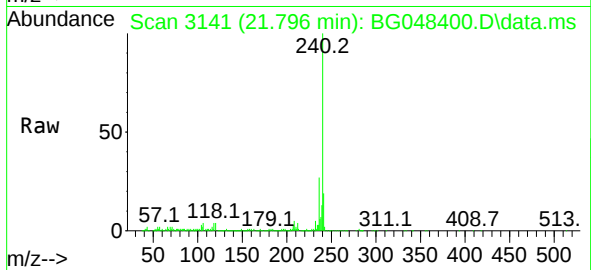
236 27.3 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

R-LA-4-1-WC



#77

Benzidine

Concen: 2.41 ng

RT: 20.115 min Scan# 2855

Delta R.T. 0.384 min

Lab File: BG048400.D

Acq: 17 Mar 2021 16:28

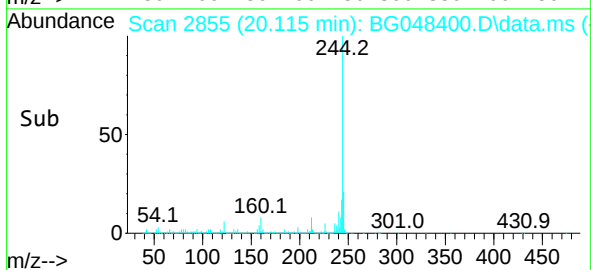
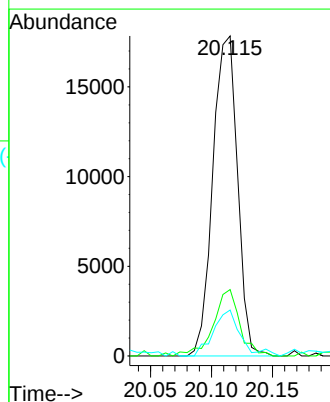
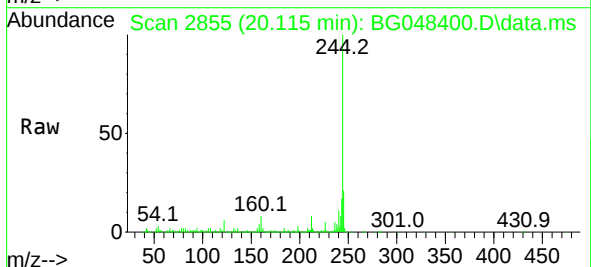
Tgt Ion:184 Resp: 25087

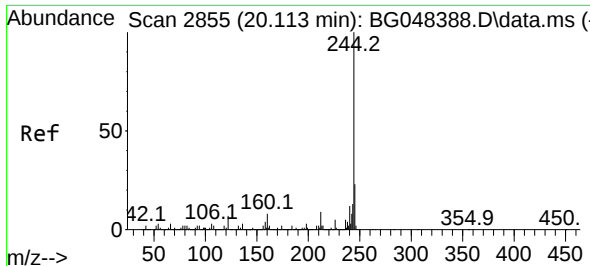
Ion Ratio Lower Upper

184 100

185 20.7 12.4 18.6#

183 14.3 10.6 15.8

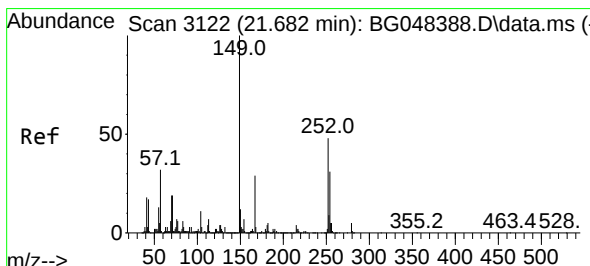
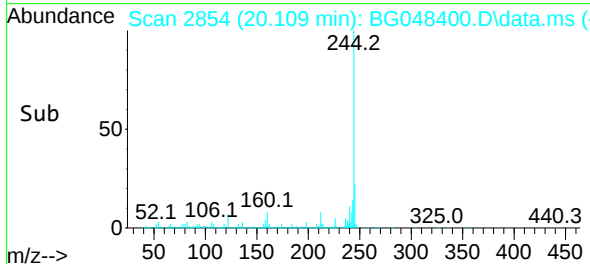
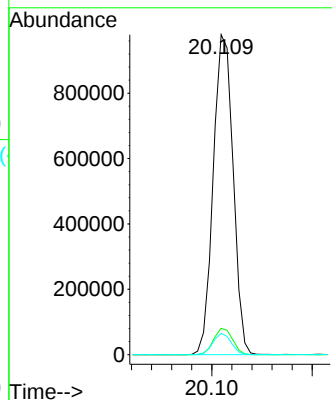
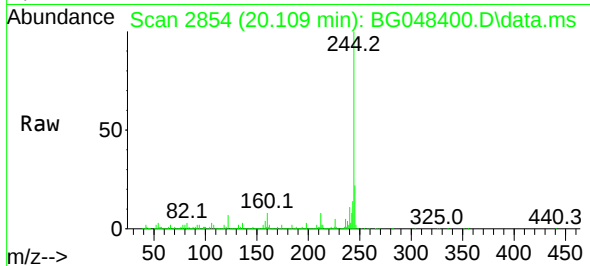




#79
 Terphenyl-d14
 Concen: 64.82 ng
 RT: 20.109 min Scan# 2854
 Delta R.T. -0.004 min
 Lab File: BG048400.D
 Acq: 17 Mar 2021 16:28

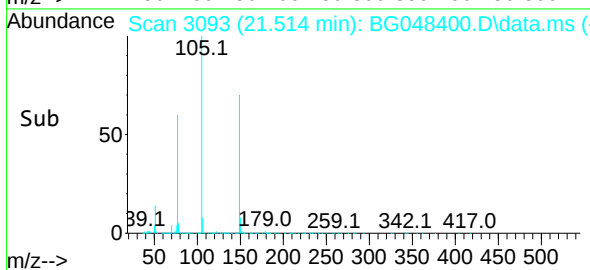
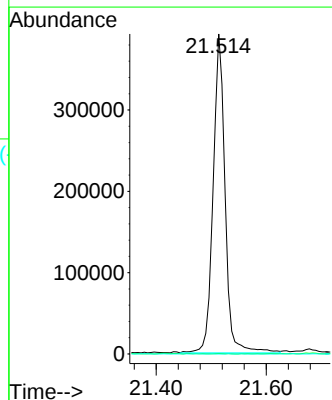
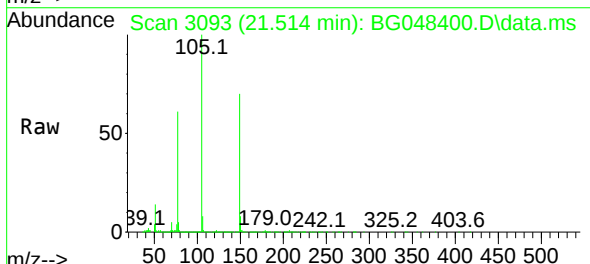
Instrument :
 BNA_G
 ClientSampleId :
 R-LA-4-1-WC

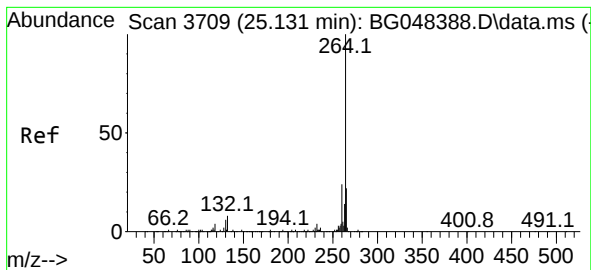
Tgt Ion:244 Resp: 1345011
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 6.7 7.8 11.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.60 ng
 RT: 21.514 min Scan# 3093
 Delta R.T. -0.168 min
 Lab File: BG048400.D
 Acq: 17 Mar 2021 16:28

Tgt Ion:149 Resp: 593051
 Ion Ratio Lower Upper
 149 100
 167 0.1 24.8 37.2#
 279 0.0 4.6 7.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.133 min Scan# 3709
 Delta R.T. 0.002 min
 Lab File: BG048400.D
 Acq: 17 Mar 2021 16:28

Instrument :
 BNA_G
 ClientSampleId :
 R-LA-4-1-WC

Tgt Ion:264 Resp: 411727
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 21.3 17.8 26.8

