

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048454.D
 Acq On : 22 Mar 2021 22:36
 Operator : CG/JU
 Sample : M1707-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELEVATOR-511-EL-167-162

Quant Time: Mar 23 00:47:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

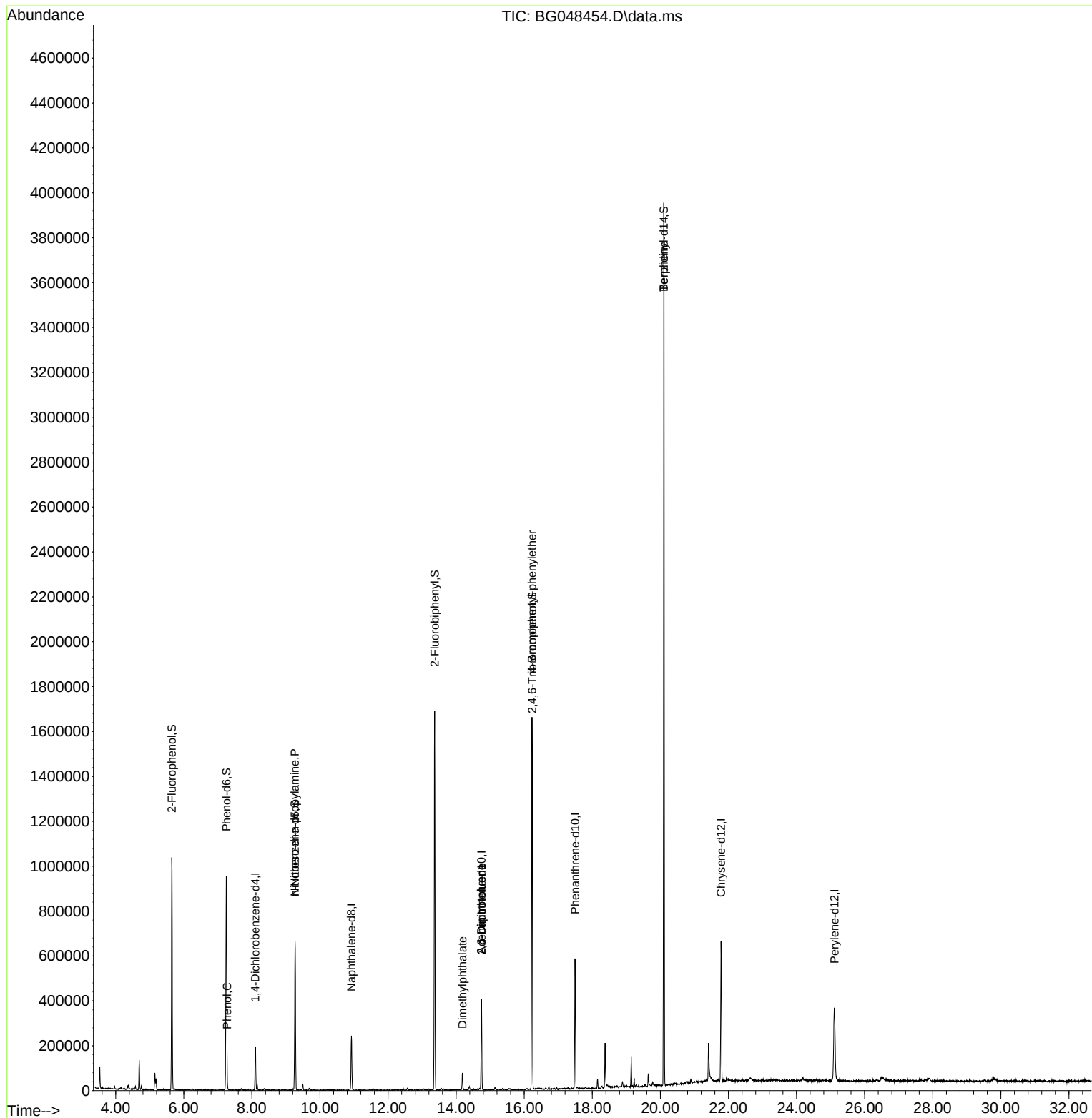
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	50995	20.00	ng	# 0.00
21) Naphthalene-d8	10.924	136	188885	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	144310	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	360094	20.00	ng	# 0.00
76) Chrysene-d12	21.782	240	388927	20.00	ng	#-0.01
86) Perylene-d12	25.113	264	379180	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	380589	123.42	ng	0.00
7) Phenol-d6	7.252	99	487360	108.61	ng	0.00
23) Nitrobenzene-d5	9.267	82	400267	84.73	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	314045	133.81	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	853406	85.07	ng	0.00
79) Terphenyl-d14	20.102	244	1763566	81.78	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.252	77	2103	Below Cal	#	10
10) Phenol	7.275	94	12674	2.76	ng	# 67
19) n-Nitroso-di-n-propyla...	9.267	70	60398	18.13	ng	# 76
50) Dimethylphthalate	14.185	163	44613	3.80	ng	# 95
51) 2,6-Dinitrotoluene	14.743	165	18549	7.34	ng	# 34
57) 2,4-Dinitrotoluene	14.743	165	18549	5.17	ng	# 33
67) 4-Bromophenyl-phenylether	16.230	248	22159	4.89	ng	# 1
77) Benzidine	20.102	184	33552	2.88	ng	99

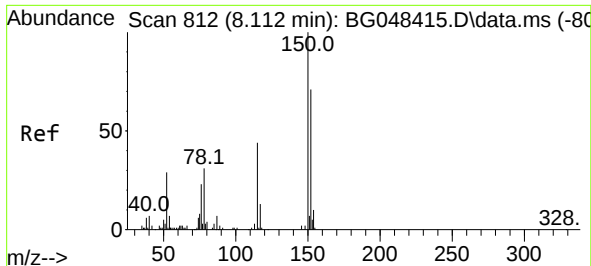
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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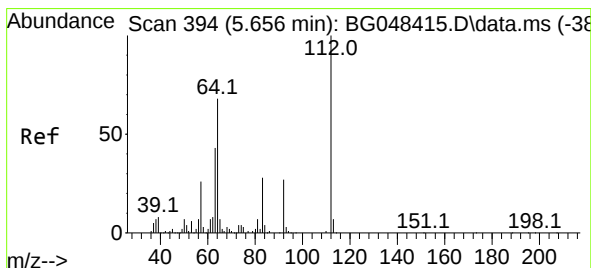
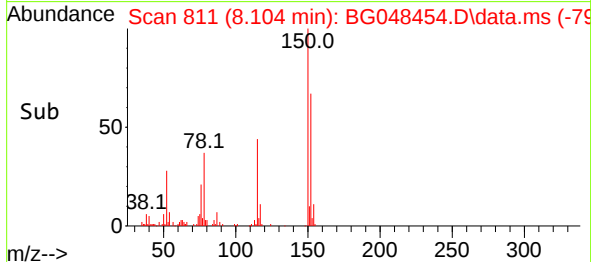
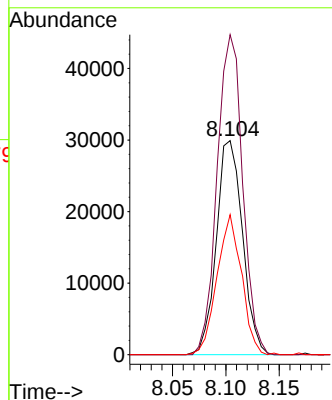
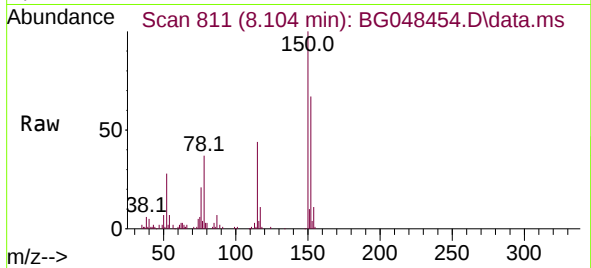




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

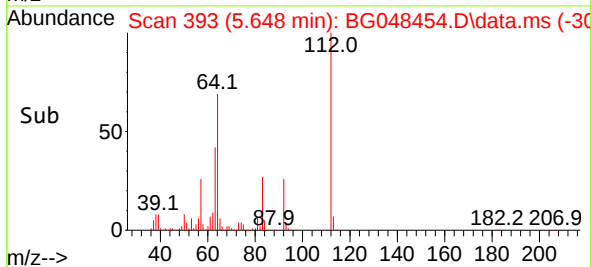
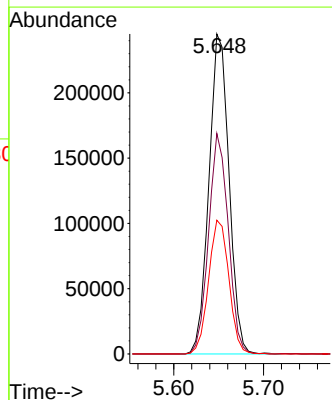
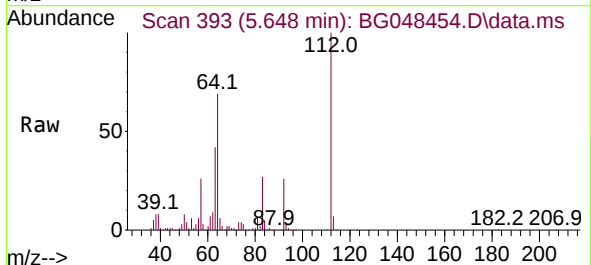
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

Tgt Ion:152 Resp: 50995
Ion Ratio Lower Upper
152 100
150 149.5 125.0 187.6
115 65.4 41.8 62.6#



#5
2-Fluorophenol
Concen: 123.42 ng
RT: 5.648 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

Tgt Ion:112 Resp: 380589
Ion Ratio Lower Upper
112 100
64 68.9 46.7 70.1
63 41.8 22.8 34.2#

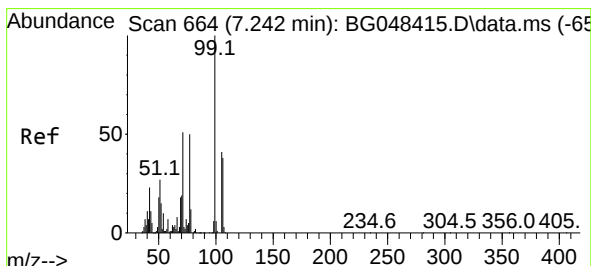
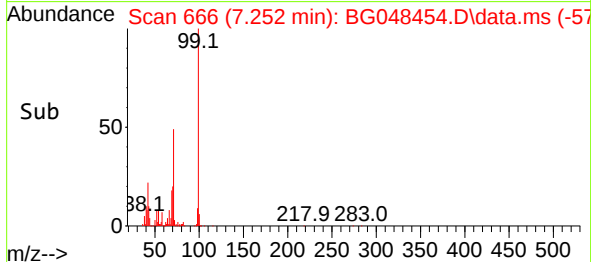
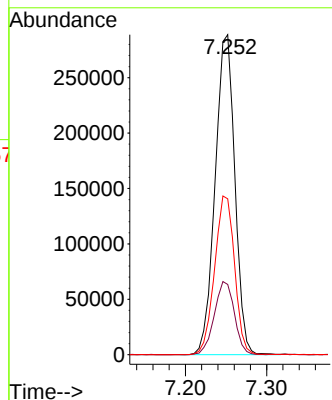
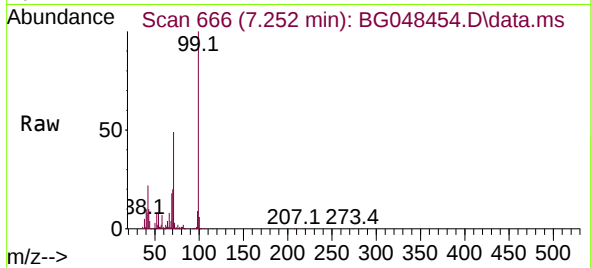




#7
Phenol-d6
Concen: 108.61 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

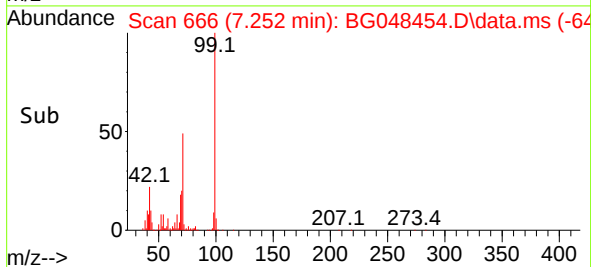
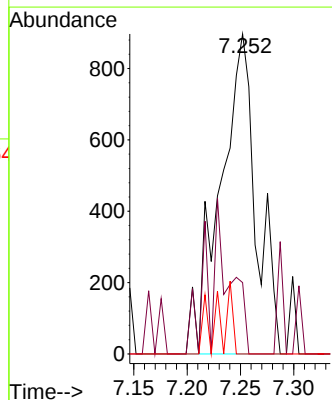
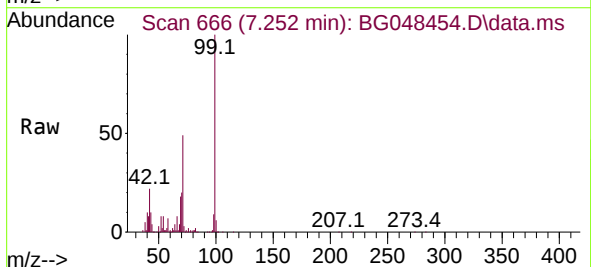
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

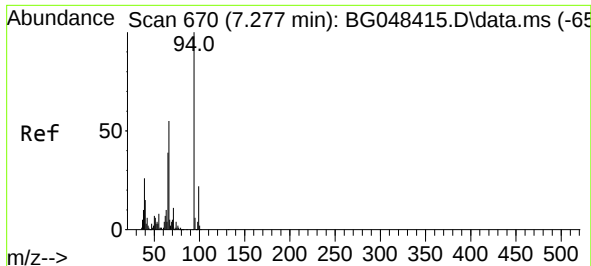
Tgt Ion: 99 Resp: 487360
Ion Ratio Lower Upper
99 100
42 22.0 12.8 19.2#
71 48.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.252 min Scan# 666
Delta R.T. 0.013 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

Tgt Ion: 77 Resp: 2103
Ion Ratio Lower Upper
77 100
105 22.3 85.9 125.9#
106 0.0 80.9 120.9#

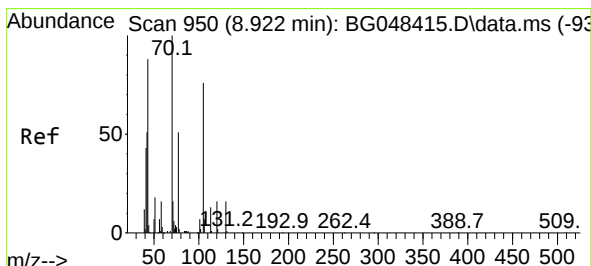
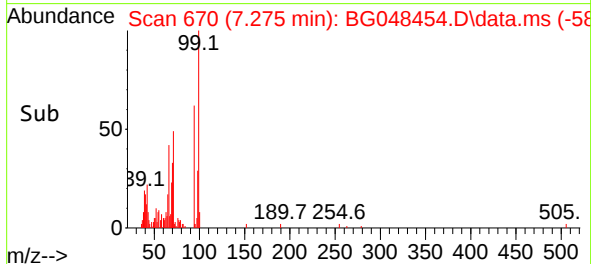
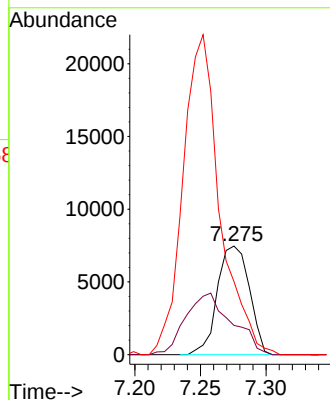
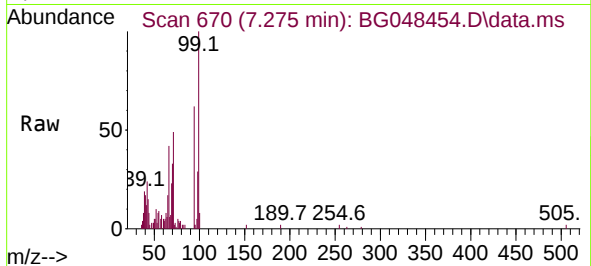




#10
Phenol
Concen: 2.76 ng
RT: 7.275 min Scan# 670
Delta R.T. 0.001 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

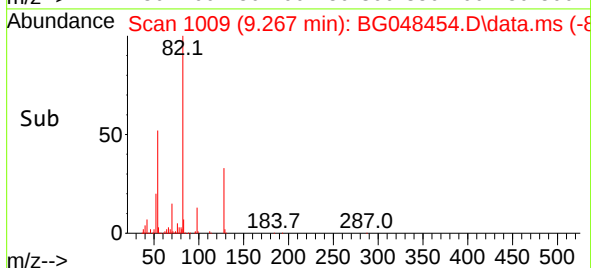
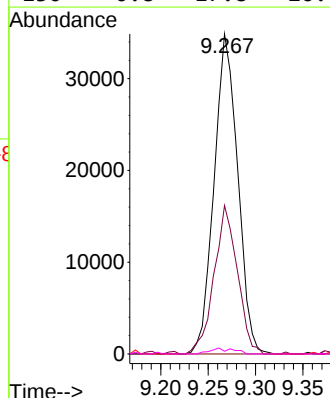
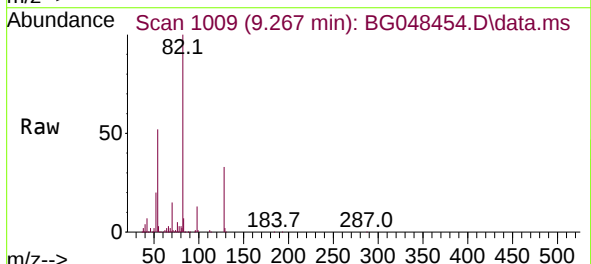
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

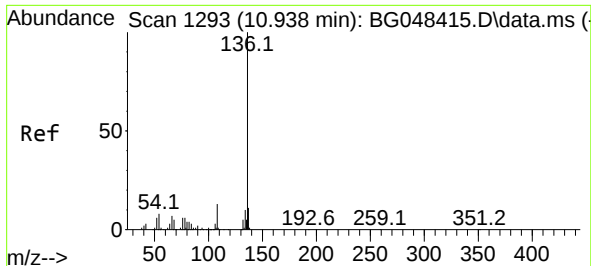
Tgt Ion: 94 Resp: 12674
Ion Ratio Lower Upper
94 100
65 27.0 6.6 46.6
66 67.3 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

Tgt Ion: 70 Resp: 60398
Ion Ratio Lower Upper
70 100
42 46.4 45.6 68.4
101 0.0 8.4 12.6#
130 0.8 17.8 26.8#

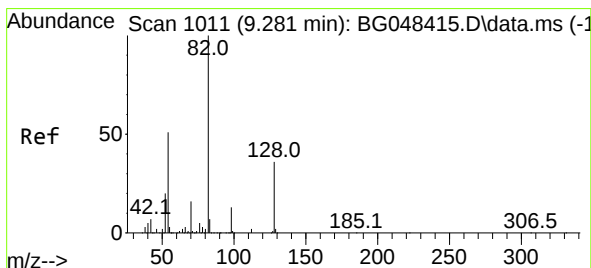
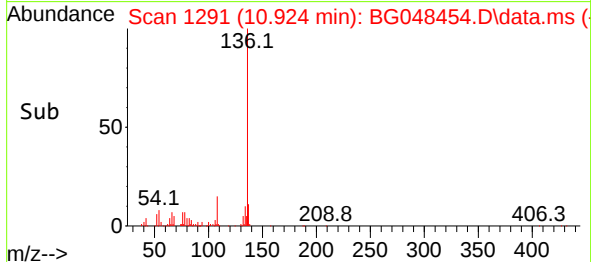
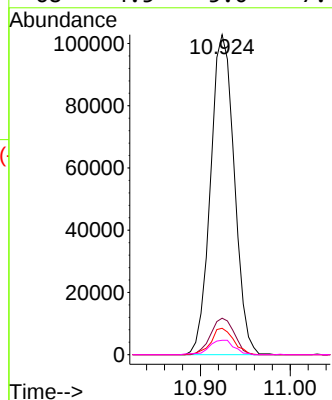
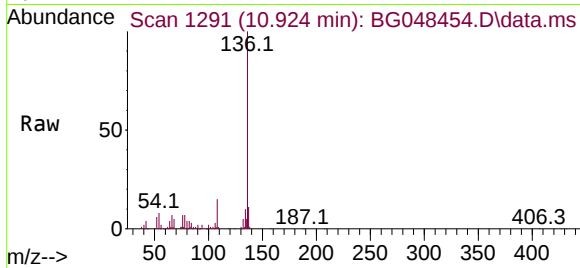




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

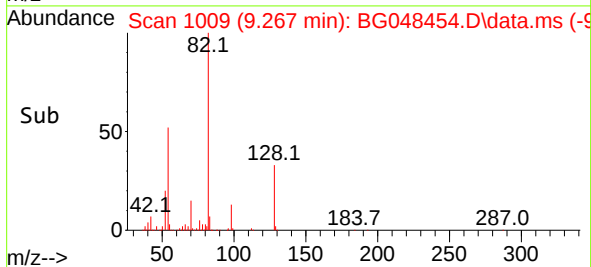
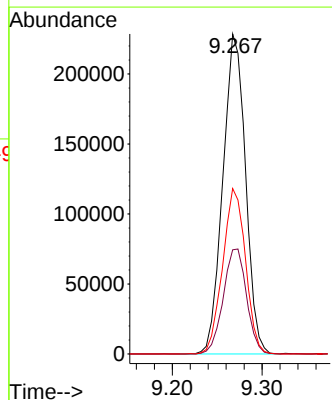
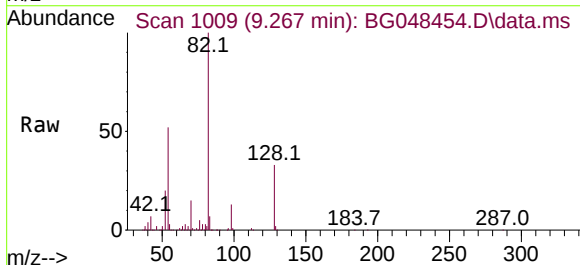
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

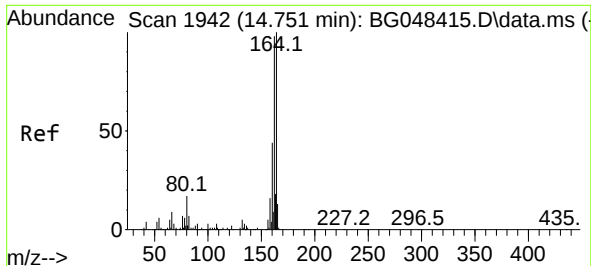
Tgt Ion:136 Resp: 188885
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.3 6.2 9.4
68 4.5 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 84.73 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

Tgt Ion: 82 Resp: 400267
Ion Ratio Lower Upper
82 100
128 32.6 37.0 55.6#
54 51.7 39.0 58.4

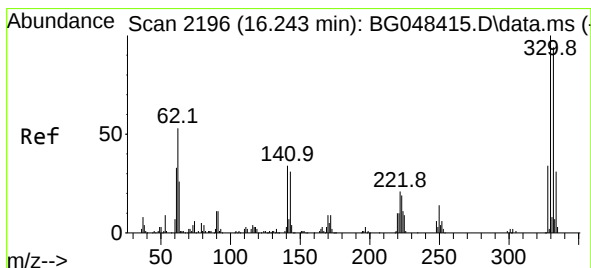
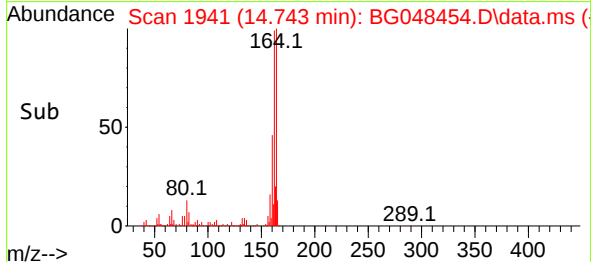
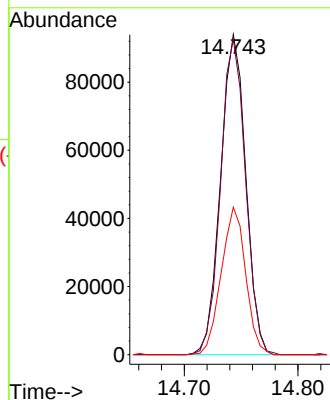
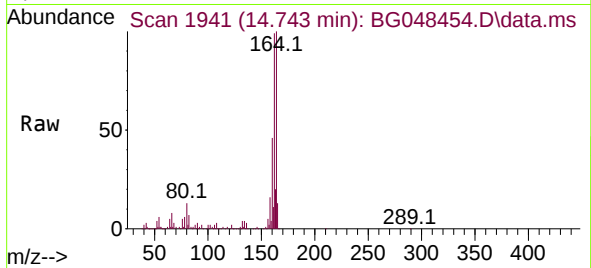




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

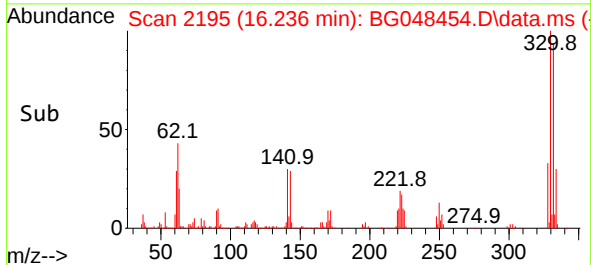
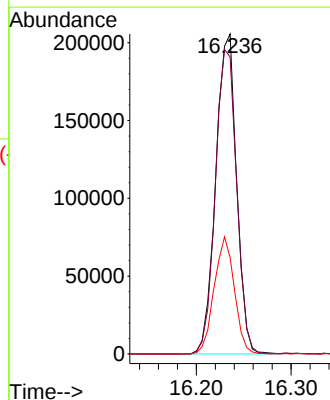
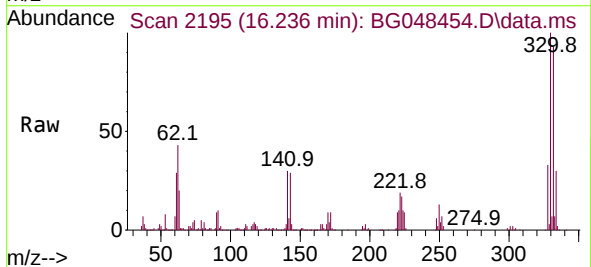
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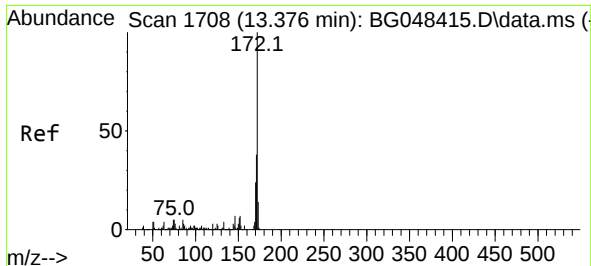
Tgt Ion:164 Resp: 144310
Ion Ratio Lower Upper
164 100
162 98.6 82.3 123.5
160 46.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 133.81 ng
RT: 16.236 min Scan# 2195
Delta R.T. 0.001 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

Tgt Ion:330 Resp: 314045
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 35.4 26.0 39.0

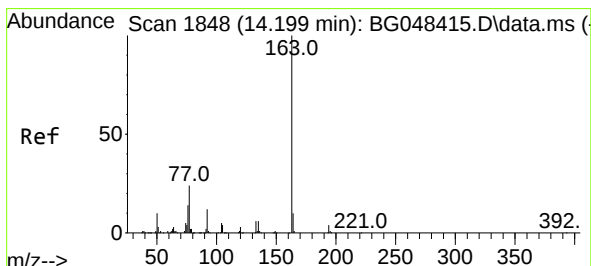
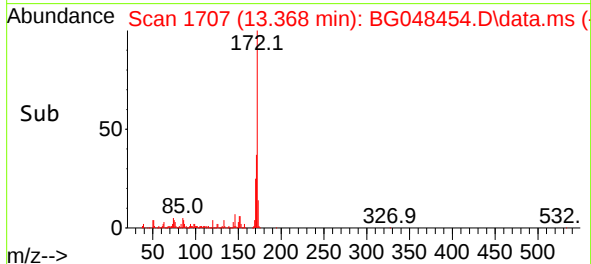
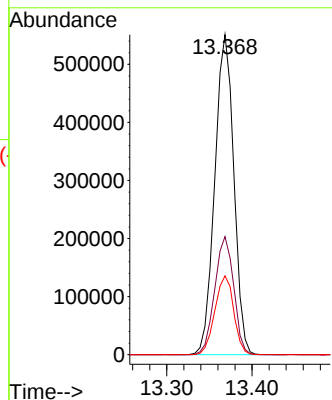
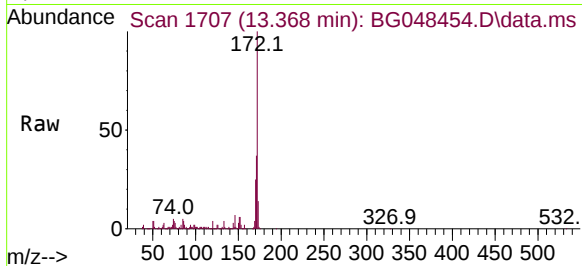




#45
2-Fluorobiphenyl
Concen: 85.07 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

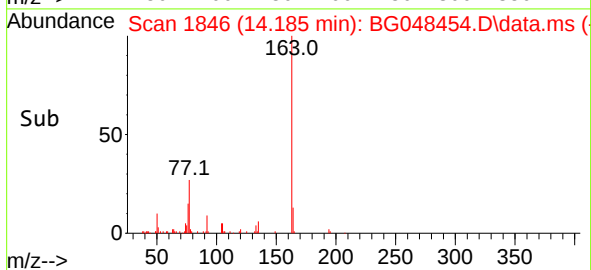
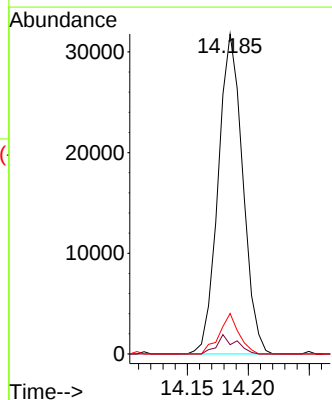
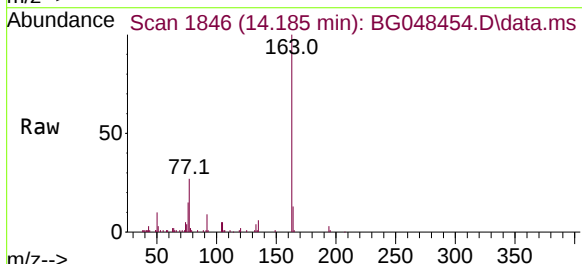
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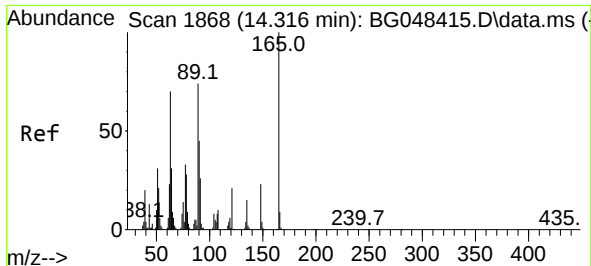
Tgt Ion:	172	Resp:	853406
Ion Ratio	Lower	Upper	
172	100		
171	36.9	31.3	46.9
170	24.6	20.8	31.2



#50
Dimethylphthalate
Concen: 3.80 ng
RT: 14.185 min Scan# 1846
Delta R.T. -0.011 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

Tgt Ion:	163	Resp:	44613
Ion Ratio	Lower	Upper	
163	100		
194	2.9	3.8	5.8#
164	12.6	8.8	13.2

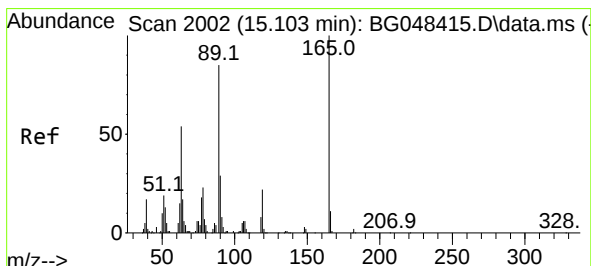
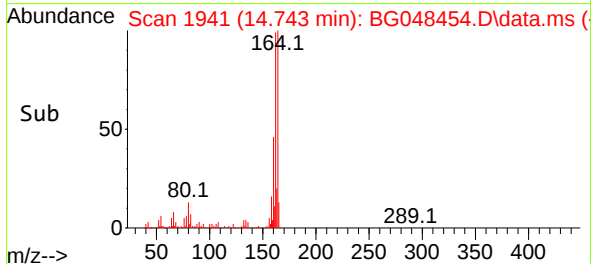
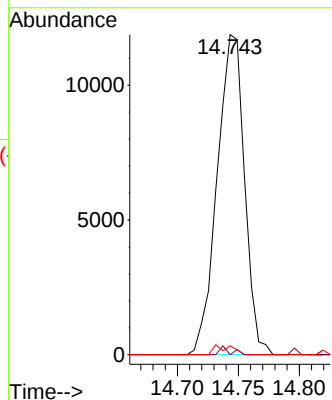
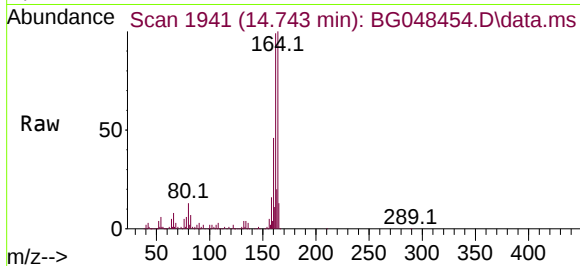




#51
2,6-Dinitrotoluene
Concen: 7.34 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

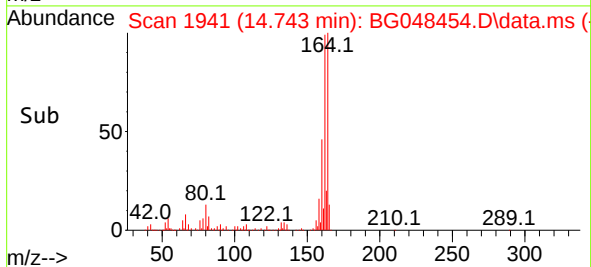
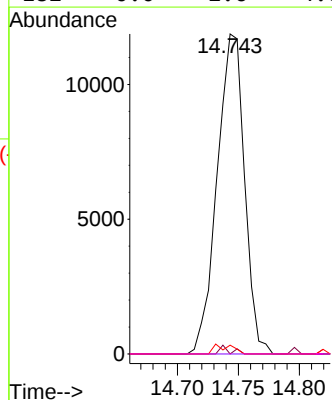
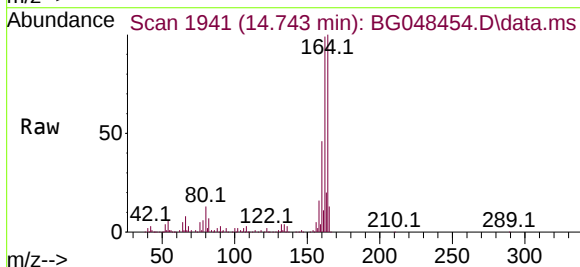
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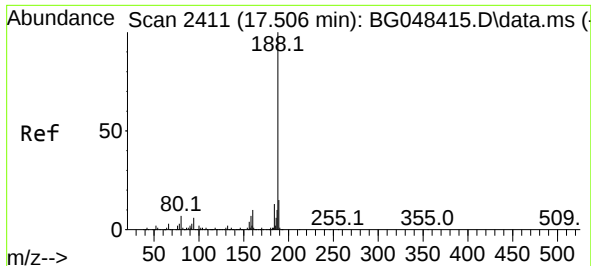
Tgt Ion:165 Resp: 18549
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.8 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.17 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.357 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

Tgt Ion:165 Resp: 18549
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.8 47.8 71.8#
182 0.0 2.6 4.0#

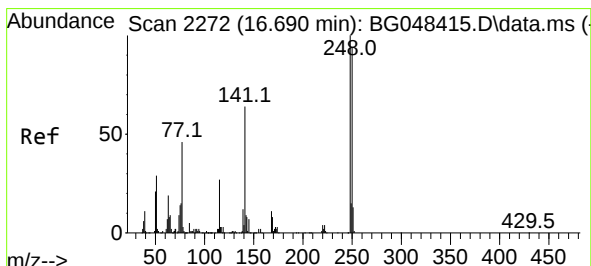
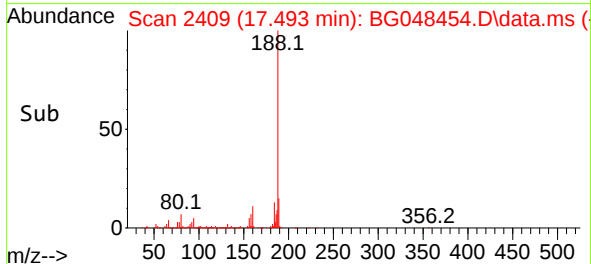
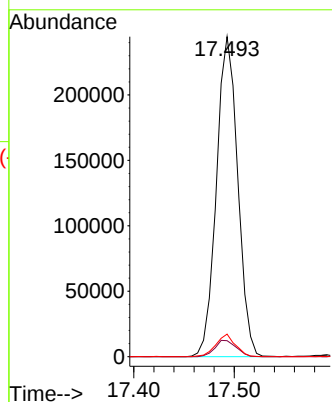
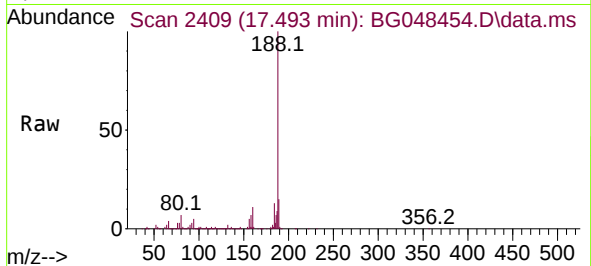




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

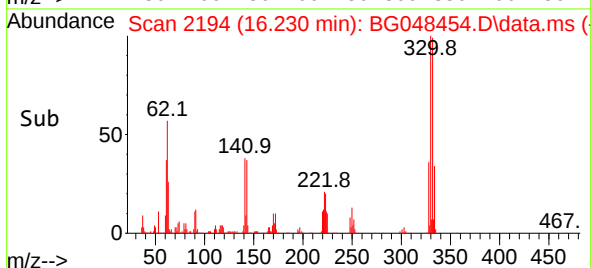
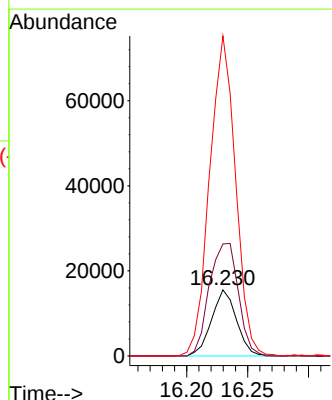
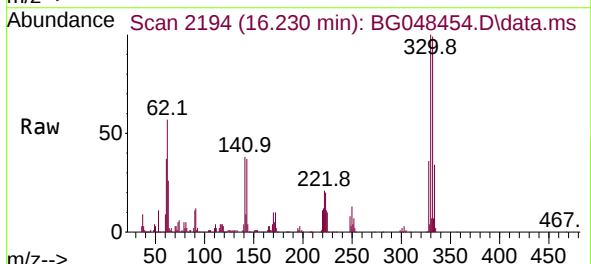
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

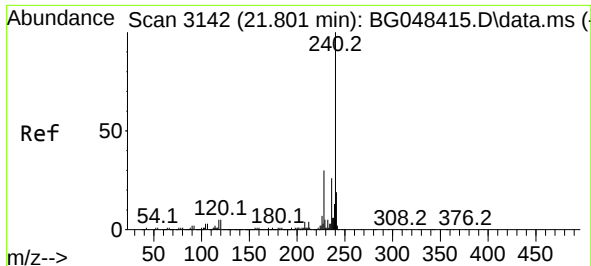
Tgt Ion:188 Resp: 360094
Ion Ratio Lower Upper
188 100
94 5.0 6.3 9.5#
80 7.1 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.451 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

Tgt Ion:248 Resp: 22159
Ion Ratio Lower Upper
248 100
250 169.5 78.9 118.3#
141 484.3 46.2 69.4#

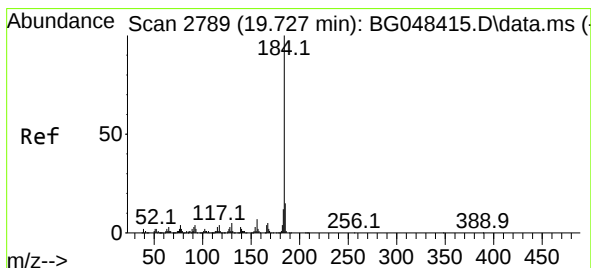
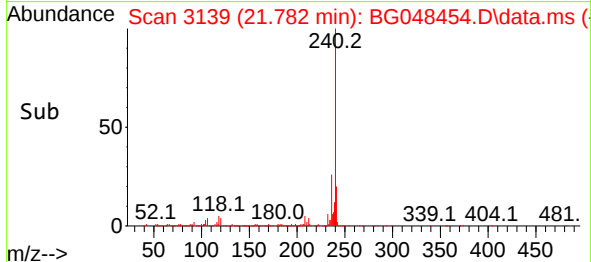
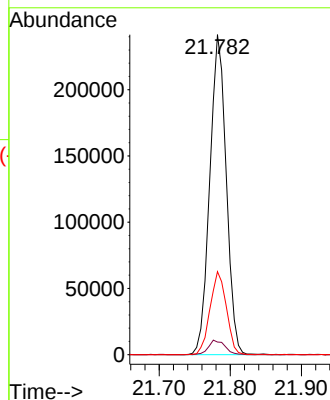
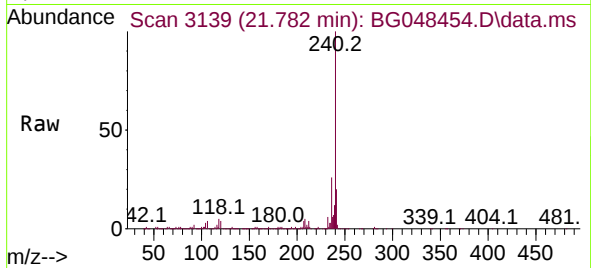




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.782 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

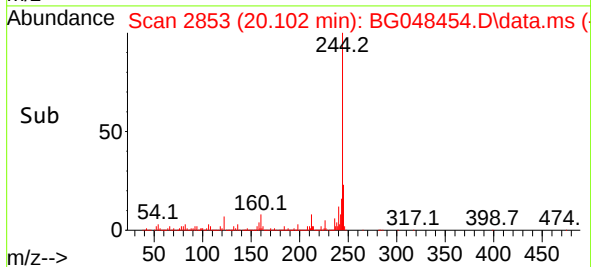
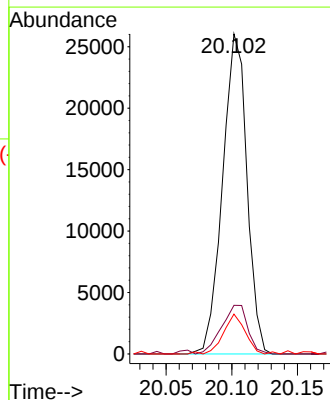
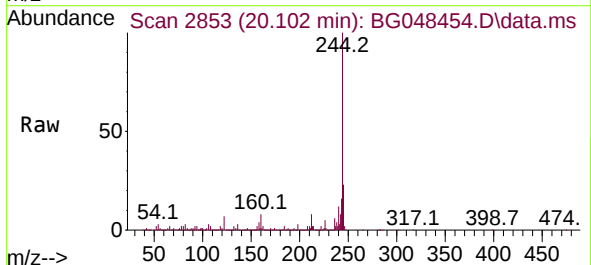
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-511-EL-167-162

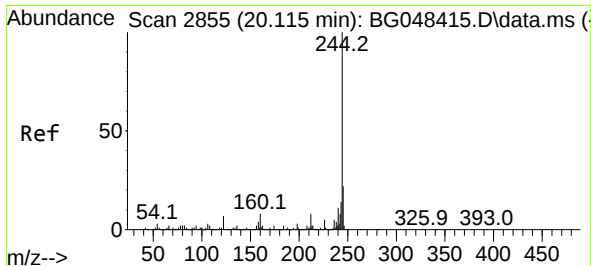
Tgt Ion:240 Resp: 388927
Ion Ratio Lower Upper
240 100
120 4.0 6.2 9.4#
236 26.0 20.5 30.7



#77
Benzidine
Concen: 2.88 ng
RT: 20.102 min Scan# 2853
Delta R.T. 0.377 min
Lab File: BG048454.D
Acq: 22 Mar 2021 22:36

Tgt Ion:184 Resp: 33552
Ion Ratio Lower Upper
184 100
185 15.2 12.4 18.6
183 12.4 10.6 15.8

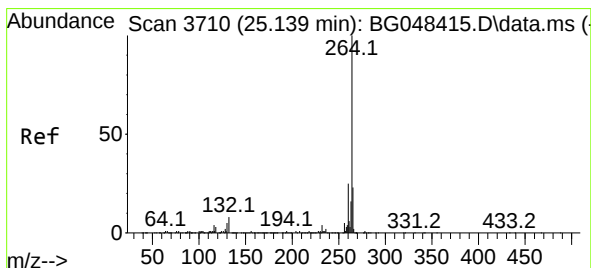
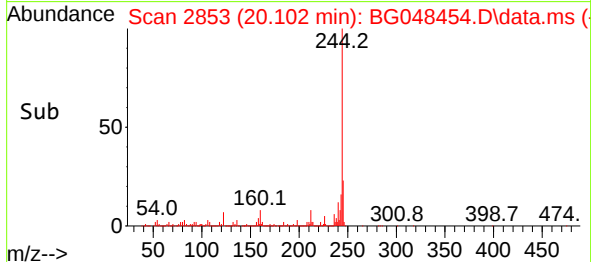
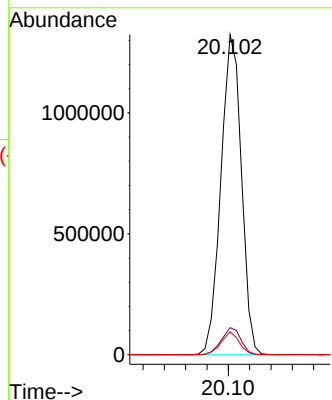
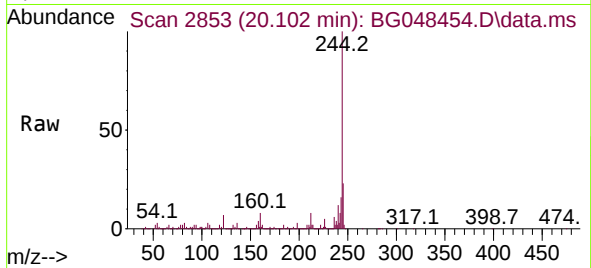




#79
 Terphenyl-d14
 Concen: 81.78 ng
 RT: 20.102 min Scan# 2853
 Delta R.T. -0.005 min
 Lab File: BG048454.D
 Acq: 22 Mar 2021 22:36

Instrument :
 BNA_G
 ClientSampleId :
 ELEVATOR-511-EL-167-162

Tgt Ion:244 Resp: 1763566
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 7.2 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.113 min Scan# 3706
 Delta R.T. -0.011 min
 Lab File: BG048454.D
 Acq: 22 Mar 2021 22:36

Tgt Ion:264 Resp: 379180
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.7 17.8 26.8

