

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048460.D
 Acq On : 23 Mar 2021 2:39
 Operator : CG/JU
 Sample : M1712-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YELLOW-WALL-COMP

Quant Time: Mar 23 03:28:11 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)

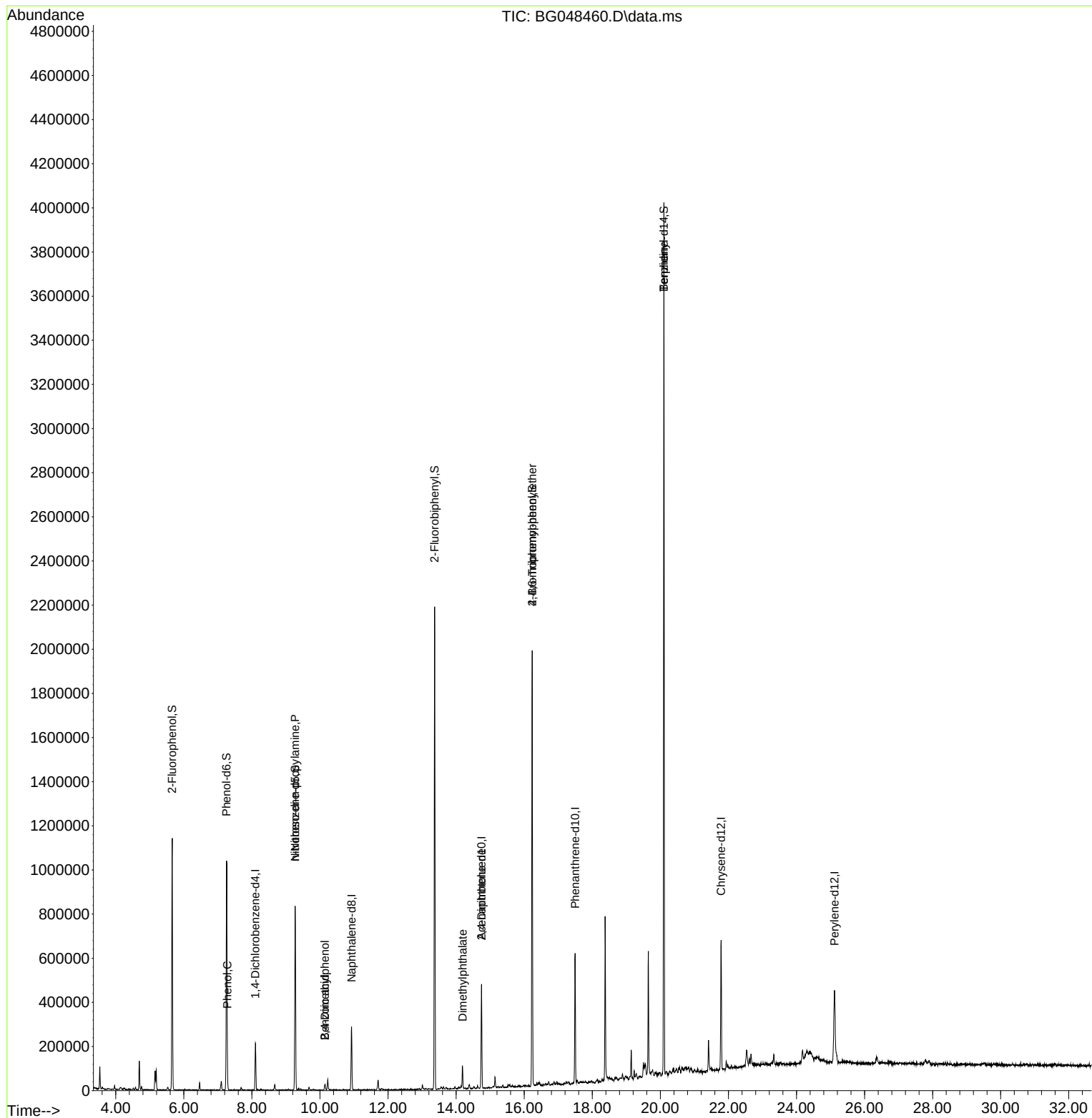
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	57359	20.00	ng	0.00
21) Naphthalene-d8	10.928	136	221405	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	163621	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	370553	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	370074	20.00	ng	# 0.00
86) Perylene-d12	25.118	264	376608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	427232	123.17	ng	0.01
7) Phenol-d6	7.256	99	531284	105.26	ng	0.00
23) Nitrobenzene-d5	9.271	82	495690	89.52	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	372593	140.02	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	1075952	94.60	ng	0.00
79) Terphenyl-d14	20.106	244	1772410	86.37	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.250	77	2323	Below Cal	#	1
10) Phenol	7.280	94	16018	3.10 ng	#	40
19) n-Nitroso-di-n-propyla...	9.271	70	76046	20.30 ng	#	81
27) 2,4-Dimethylphenol	10.147	122	9202	2.62 ng	#	4
32) Benzoic acid	10.147	122	9202	3.36 ng	#	75
50) Dimethylphthalate	14.189	163	66150	4.97 ng	#	98
57) 2,4-Dinitrotoluene	14.747	165	21356	5.25 ng	#	33
67) 4-Bromophenyl-phenylether	16.234	248	25145	5.39 ng	#	1
77) Benzidine	20.106	184	34187	3.08 ng	#	96

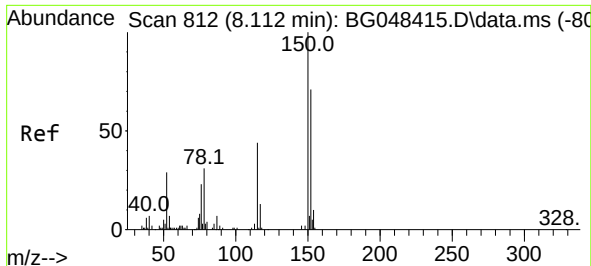
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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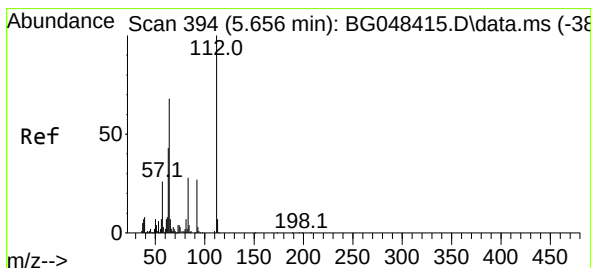
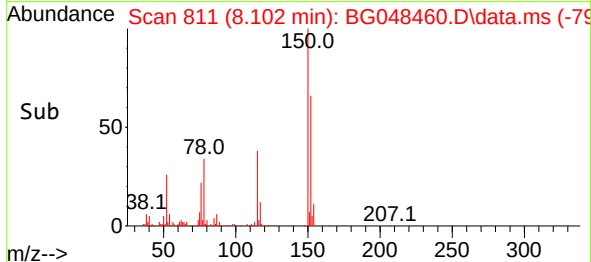
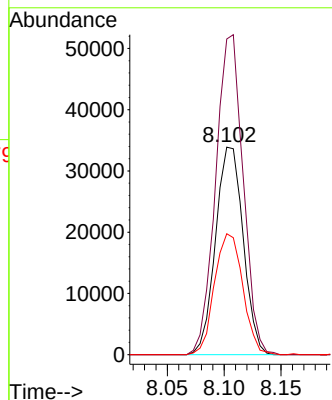
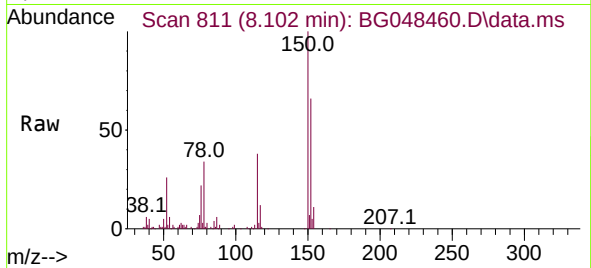




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

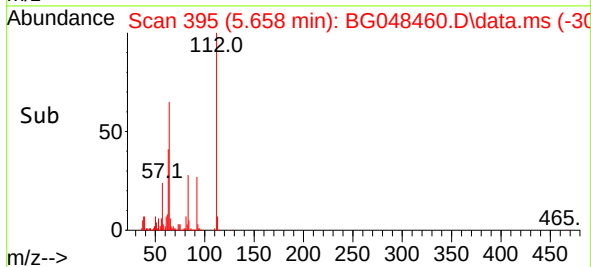
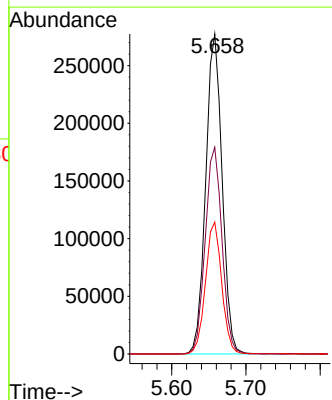
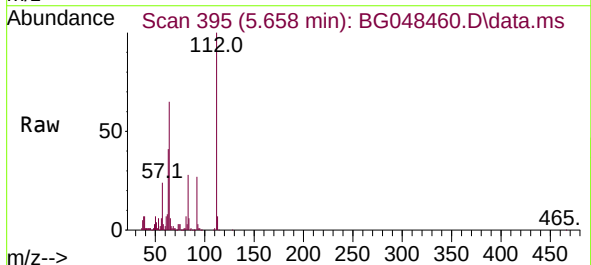
Instrument :
BNA_G
ClientSampleId :
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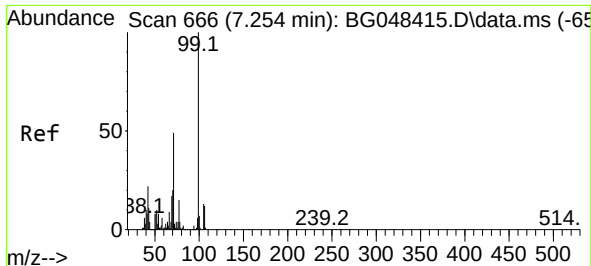
Tgt Ion:152 Resp: 57359
Ion Ratio Lower Upper
152 100
150 152.1 125.0 187.6
115 58.3 41.8 62.6



#5
2-Fluorophenol
Concen: 123.17 ng
RT: 5.658 min Scan# 395
Delta R.T. 0.011 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:112 Resp: 427232
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 41.2 22.8 34.2#

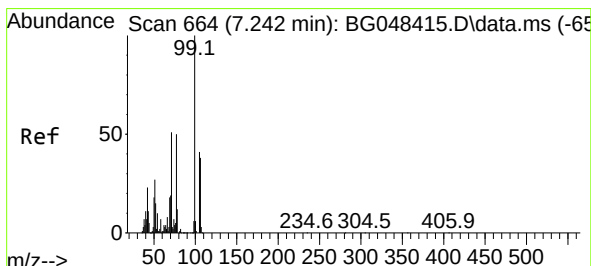
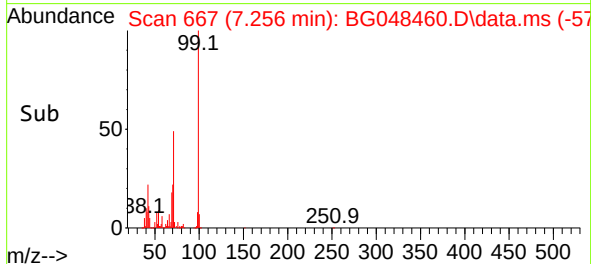
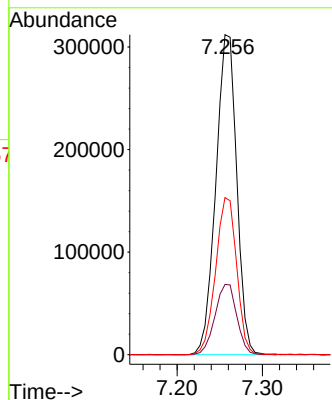
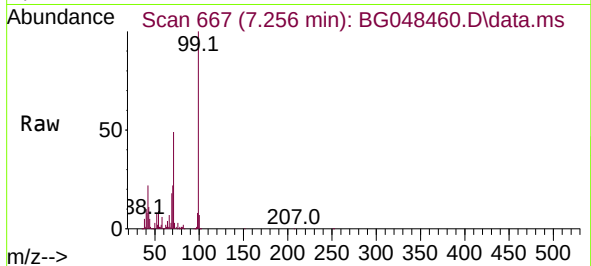




#7
Phenol-d6
Concen: 105.26 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.005 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

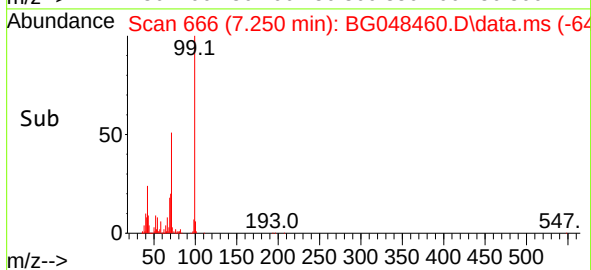
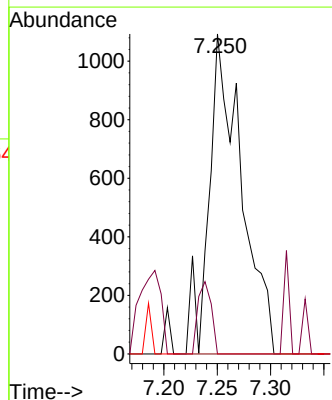
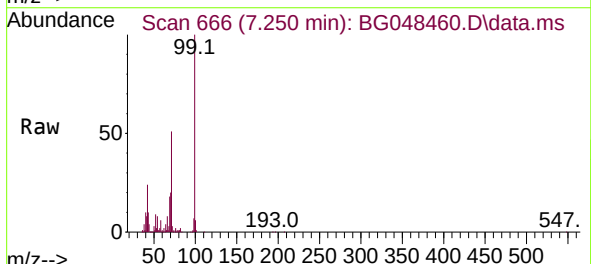
Instrument :
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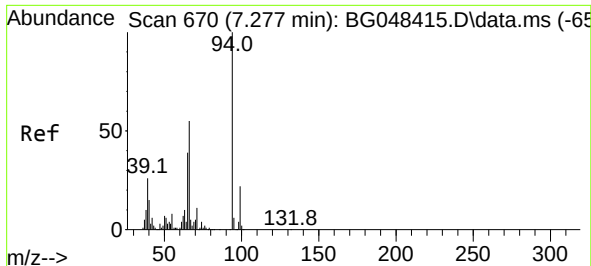
Tgt Ion: 99 Resp: 531284
Ion Ratio Lower Upper
99 100
42 22.0 12.8 19.2#
71 49.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.250 min Scan# 666
Delta R.T. 0.011 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion: 77 Resp: 2323
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

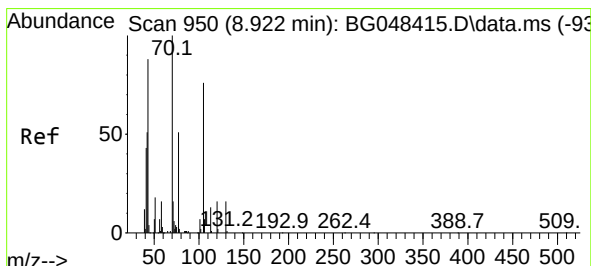
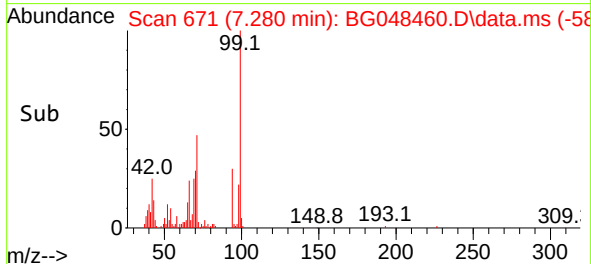
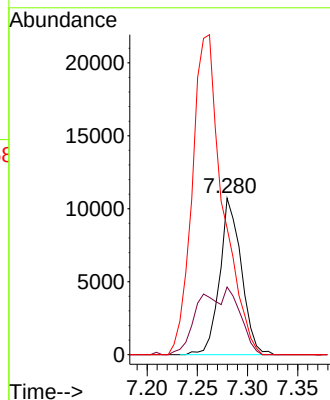
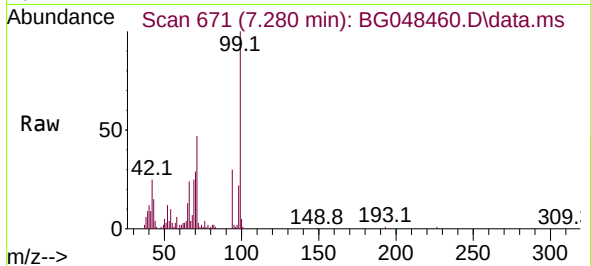




#10
Phenol
Concen: 3.10 ng
RT: 7.280 min Scan# 671
Delta R.T. 0.005 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

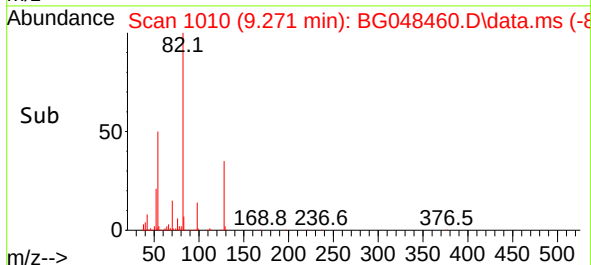
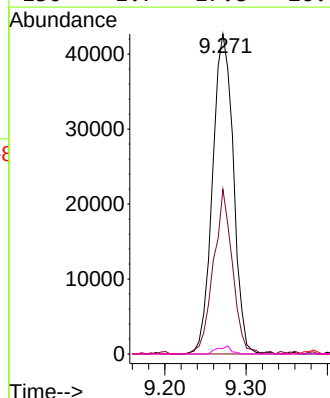
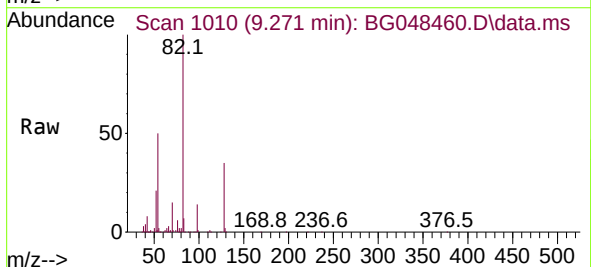
Instrument :
BNA_G
ClientSampleId :
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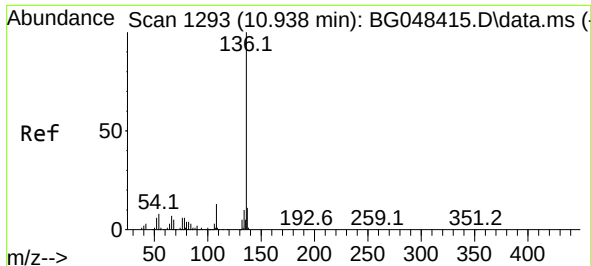
Tgt Ion: 94 Resp: 16018
Ion Ratio Lower Upper
94 100
65 43.2 6.6 46.6
66 81.0 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 20.30 ng
RT: 9.271 min Scan# 1010
Delta R.T. 0.358 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion: 70 Resp: 76046
Ion Ratio Lower Upper
70 100
42 51.5 45.6 68.4
101 0.0 8.4 12.6#
130 1.7 17.8 26.8#

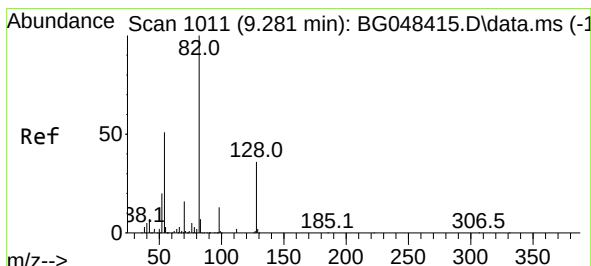
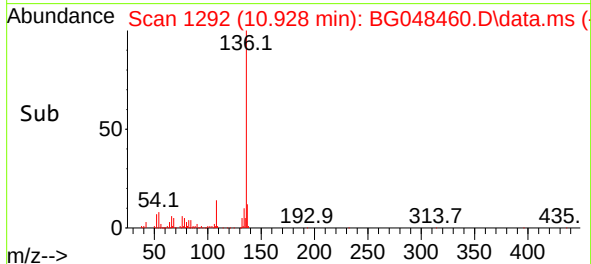
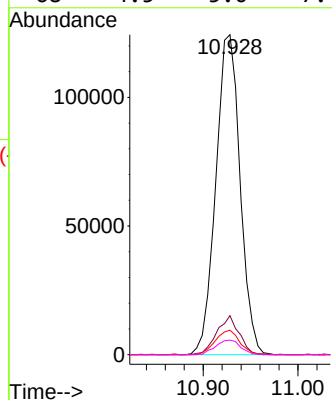
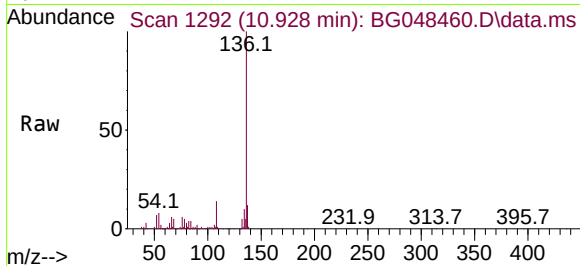




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1292
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

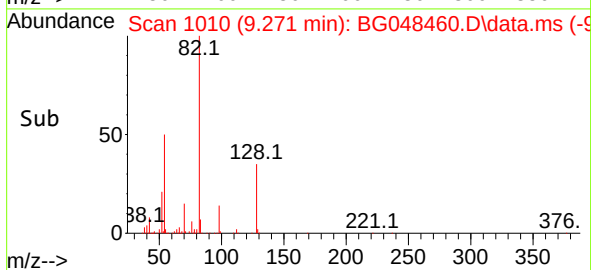
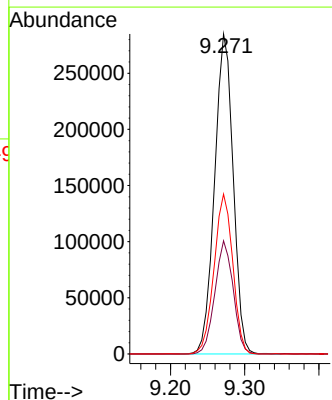
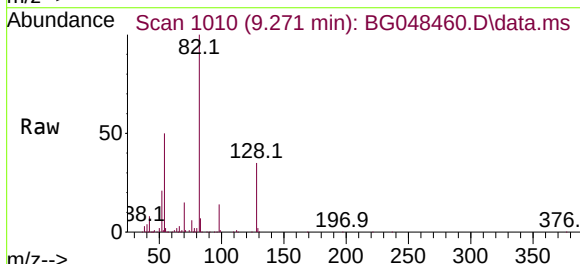
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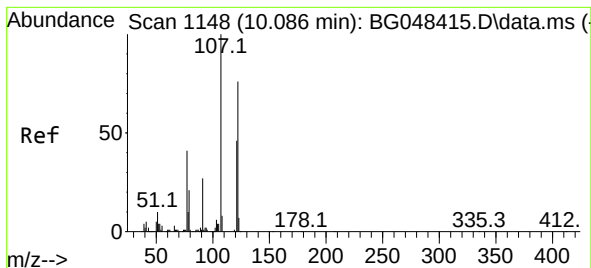
Tgt Ion:	136	Resp:	221405
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.1	13.7
54	7.7	6.2	9.4
68	4.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 89.52 ng
RT: 9.271 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:	82	Resp:	495690
Ion Ratio	Lower	Upper	
82	100		
128	35.4	37.0	55.6
54	49.9	39.0	58.4

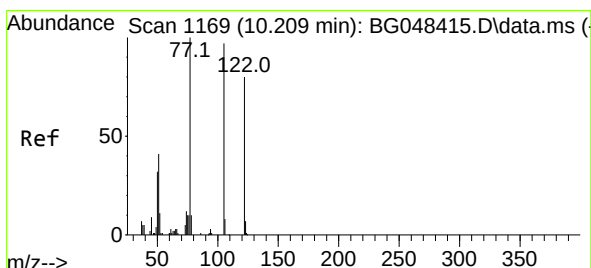
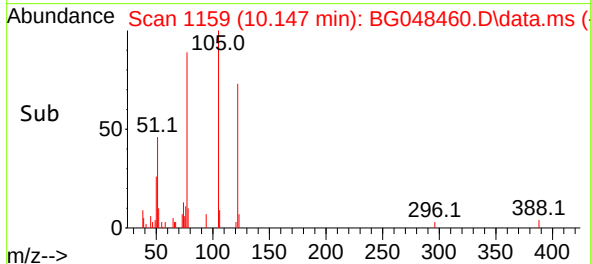
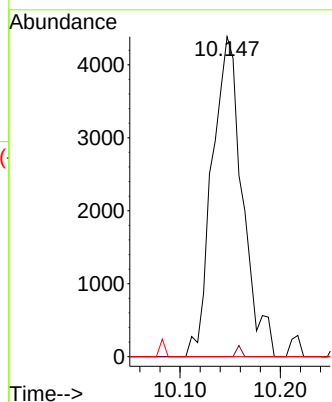
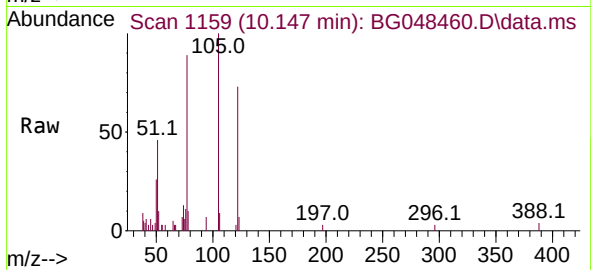




#27
2,4-Dimethylphenol
Concen: 2.62 ng
RT: 10.147 min Scan# 1159
Delta R.T. 0.064 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

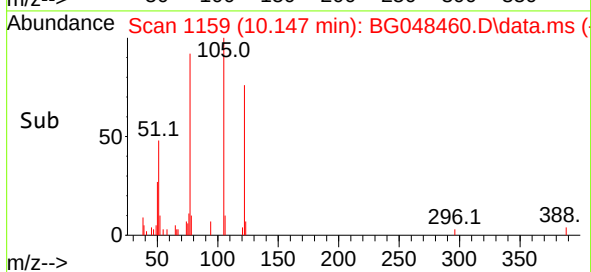
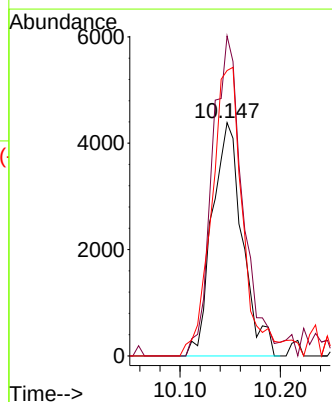
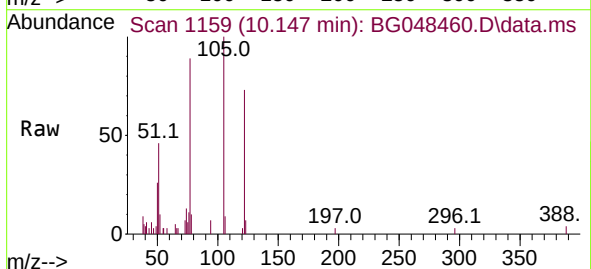
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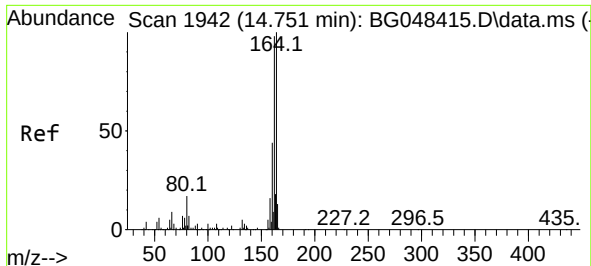
Tgt Ion:122 Resp: 9202
Ion Ratio Lower Upper
122 100
107 0.0 89.2 133.8#
121 0.0 46.9 70.3#



#32
Benzoic acid
Concen: 3.36 ng
RT: 10.147 min Scan# 1159
Delta R.T. -0.053 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:122 Resp: 9202
Ion Ratio Lower Upper
122 100
105 137.2 103.7 143.7
77 122.4 63.0 103.0#

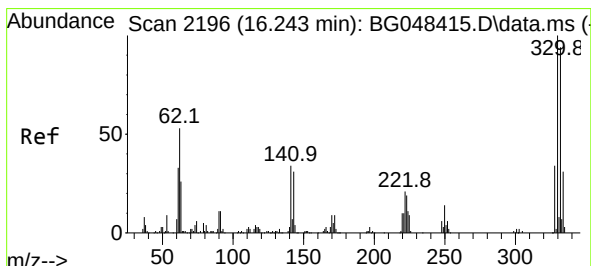
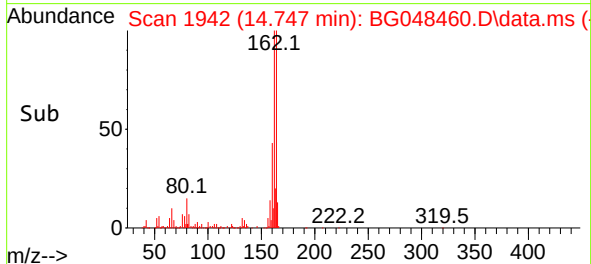
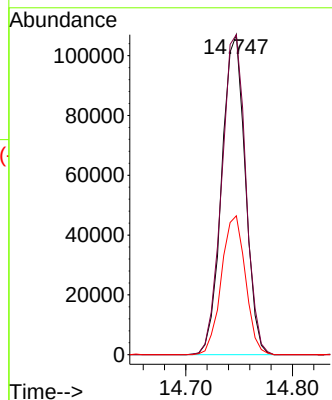
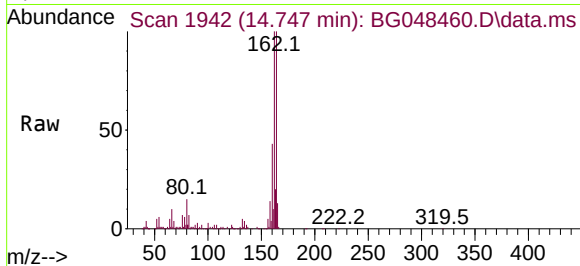




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

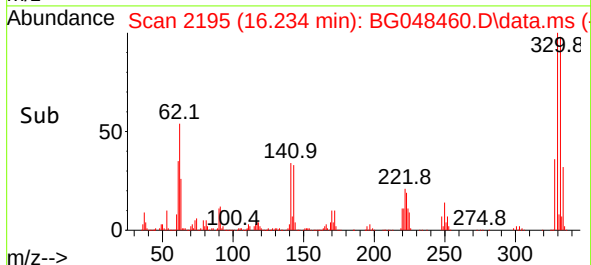
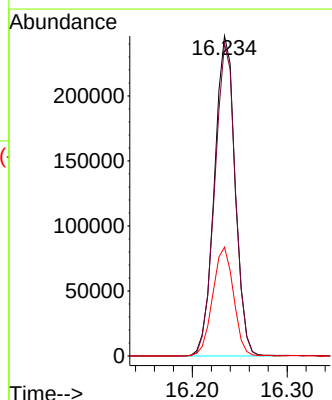
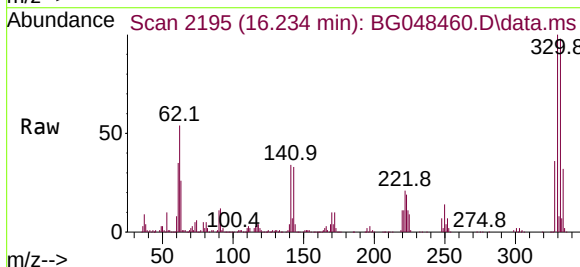
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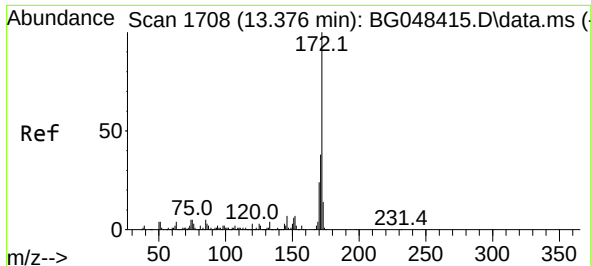
Tgt Ion:164 Resp: 163621
Ion Ratio Lower Upper
164 100
162 100.0 82.3 123.5
160 43.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 140.02 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:330 Resp: 372593
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 34.3 26.0 39.0

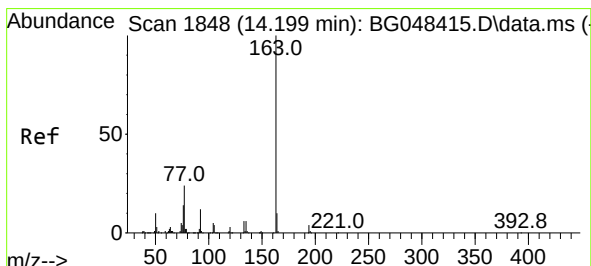
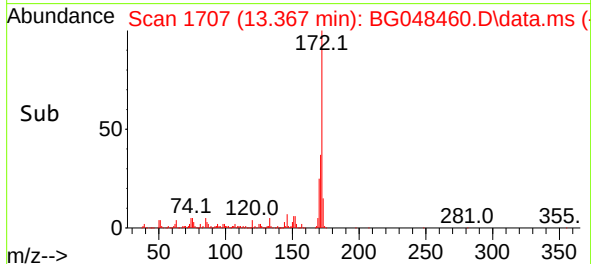
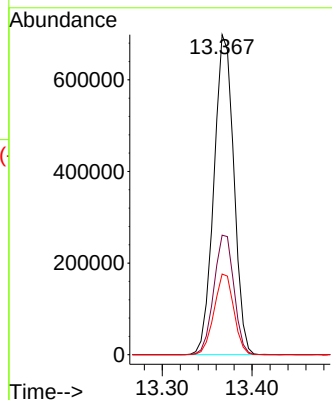
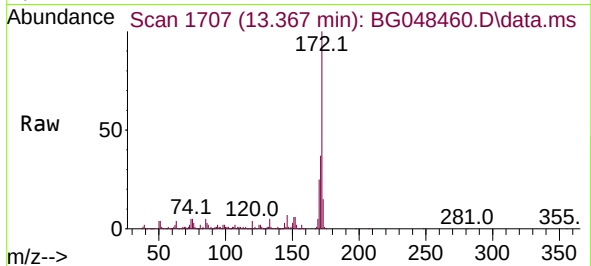




#45
2-Fluorobiphenyl
Concen: 94.60 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

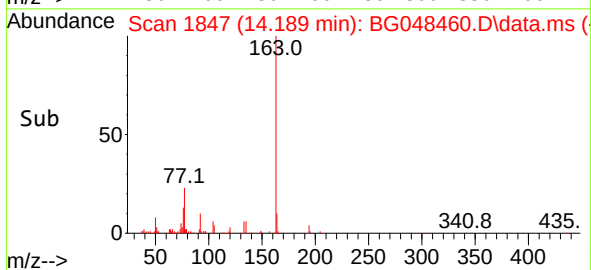
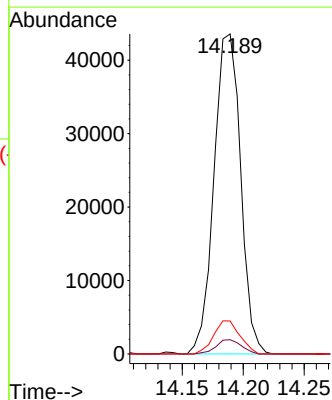
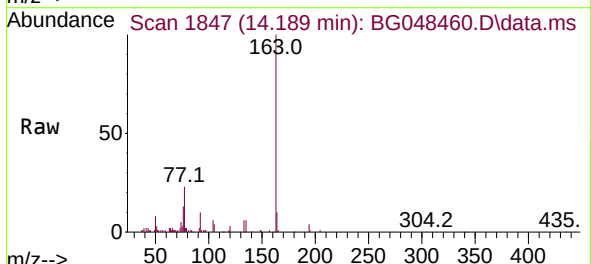
Instrument :
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YELLOW-WALL-COMP

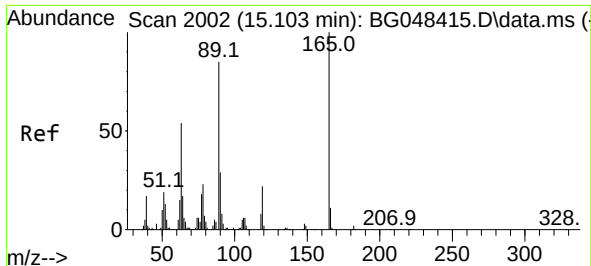
Tgt Ion:172 Resp: 1075952
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 25.2 20.8 31.2



#50
Dimethylphthalate
Concen: 4.97 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

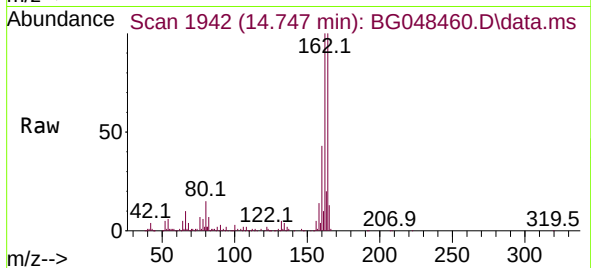
Tgt Ion:163 Resp: 66150
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.8
164 10.3 8.8 13.2



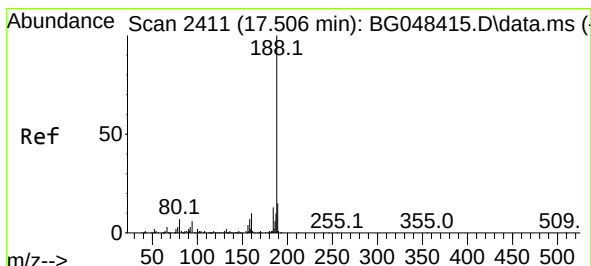
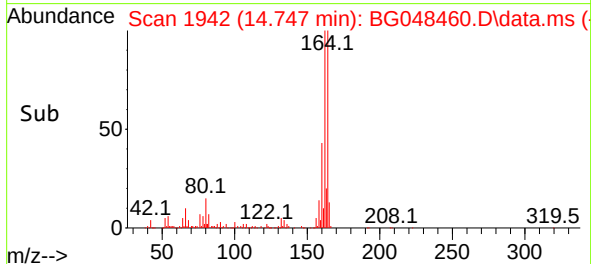
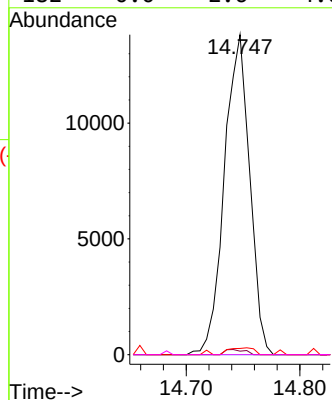


#57
2,4-Dinitrotoluene
Concen: 5.25 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.353 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Instrument :
BNA_G
ClientSampleId :
YELLOW-WALL-COMP

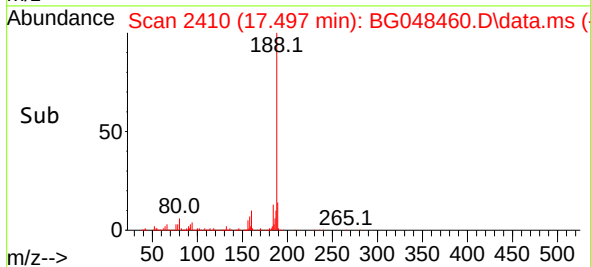
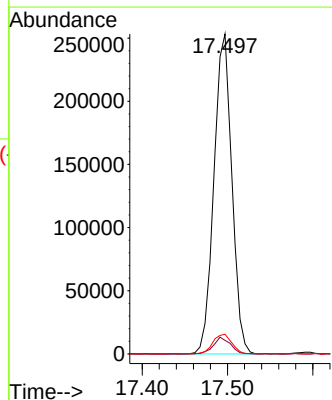
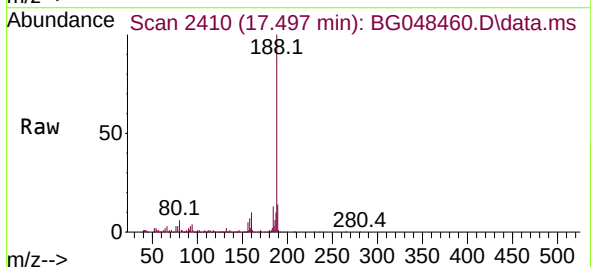


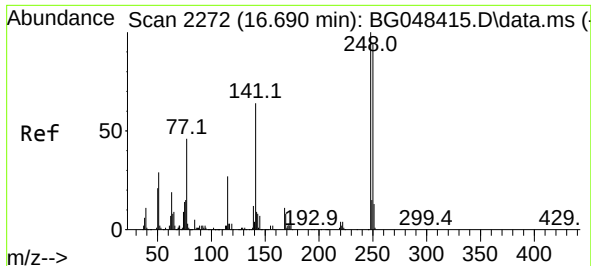
Tgt Ion:165 Resp: 21356
Ion Ratio Lower Upper
165 100
63 1.1 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:188 Resp: 370553
Ion Ratio Lower Upper
188 100
94 4.2 6.3 9.5#
80 6.2 7.0 10.6#

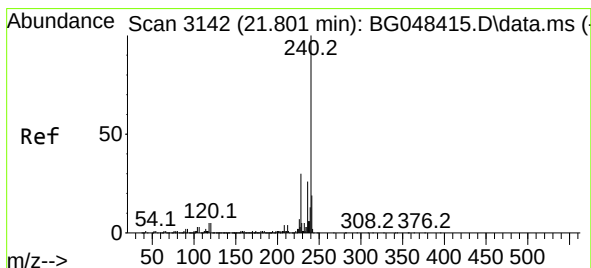
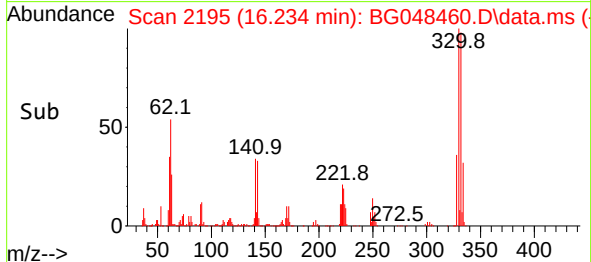
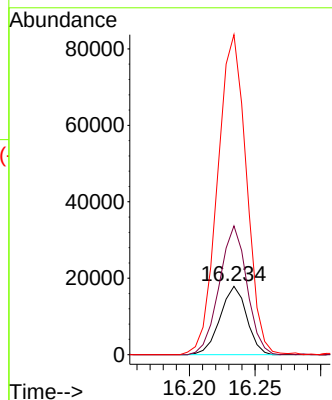
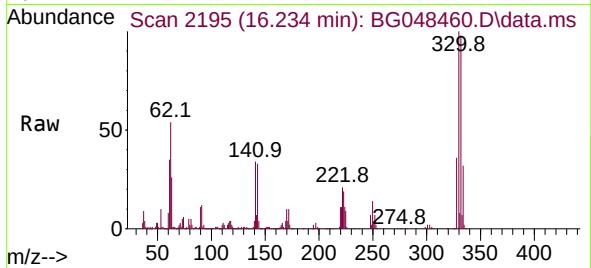




#67
4-Bromophenyl-phenylether
Concen: 5.39 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.447 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

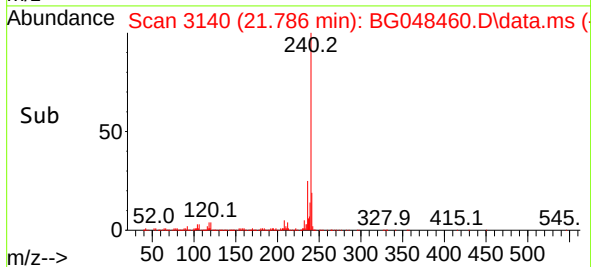
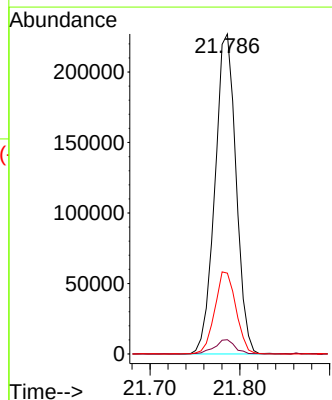
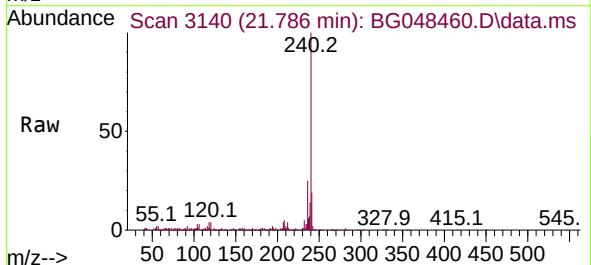
Instrument :
BNA_G
ClientSampleId :
YELLOW-WALL-COMP

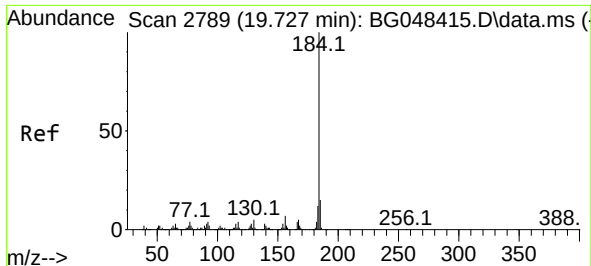
Tgt Ion:248 Resp: 25145
Ion Ratio Lower Upper
248 100
250 188.3 78.9 118.3#
141 468.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:240 Resp: 370074
Ion Ratio Lower Upper
240 100
120 4.5 6.2 9.4#
236 25.2 20.5 30.7

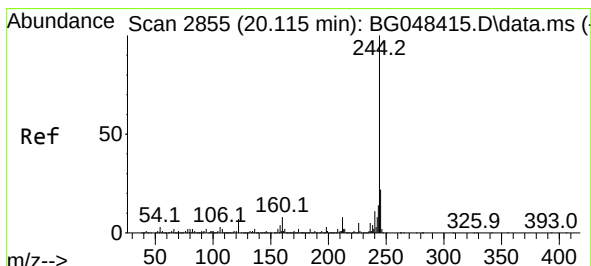
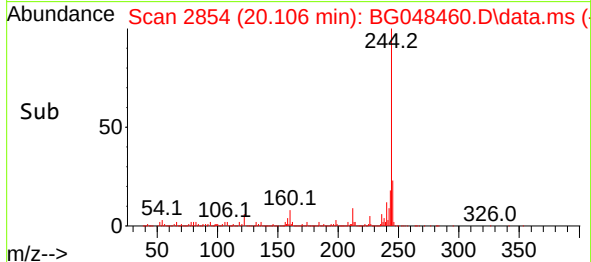
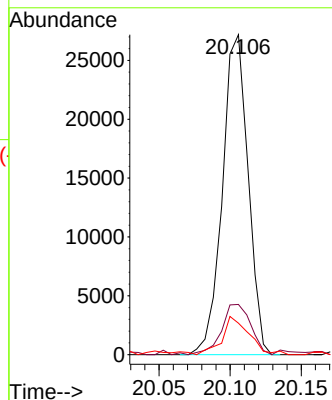
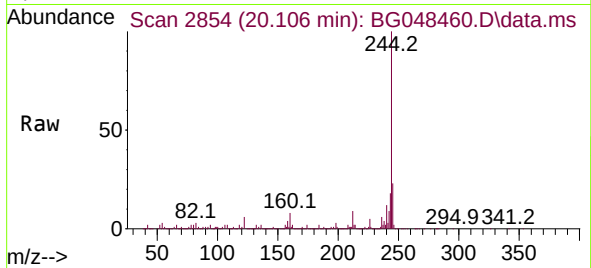




#77
Benzidine
Concen: 3.08 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.381 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

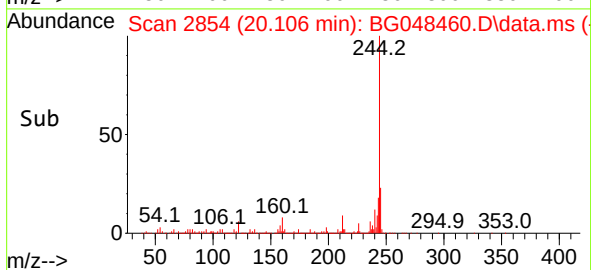
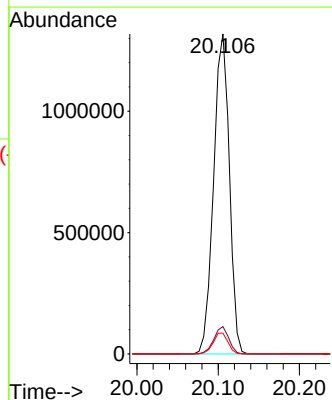
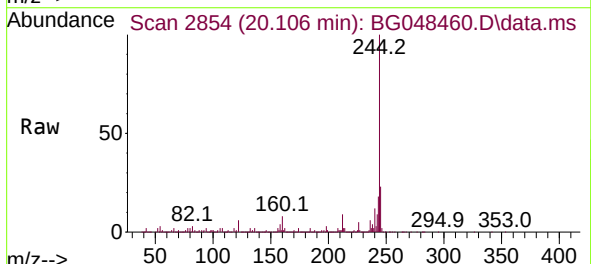
Instrument :
BNA_G
ClientSampleId :
YELLOW-WALL-COMP

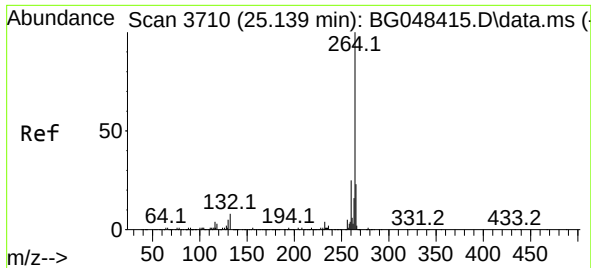
Tgt Ion:184 Resp: 34187
Ion Ratio Lower Upper
184 100
185 15.7 12.4 18.6
183 9.9 10.6 15.8#



#79
Terphenyl-d14
Concen: 86.37 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.001 min
Lab File: BG048460.D
Acq: 23 Mar 2021 2:39

Tgt Ion:244 Resp: 1772410
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 6.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.118 min Scan# 3707
 Delta R.T. -0.006 min
 Lab File: BG048460.D
 Acq: 23 Mar 2021 2:39

Instrument :
 BNA_G
 ClientSampleId :
 YELLOW-WALL-COMP

Tgt Ion:264	Resp:	376608
Ion Ratio	Lower	Upper
264	100	
260	22.8	18.8 28.2
265	21.6	17.8 26.8

