

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048048.D
 Acq On : 28 Jan 2021 4:22
 Operator : CG/JU
 Sample : M1226-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0051-045-COMP-E-ELUTRIATE

Quant Time: Jan 28 05:00:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

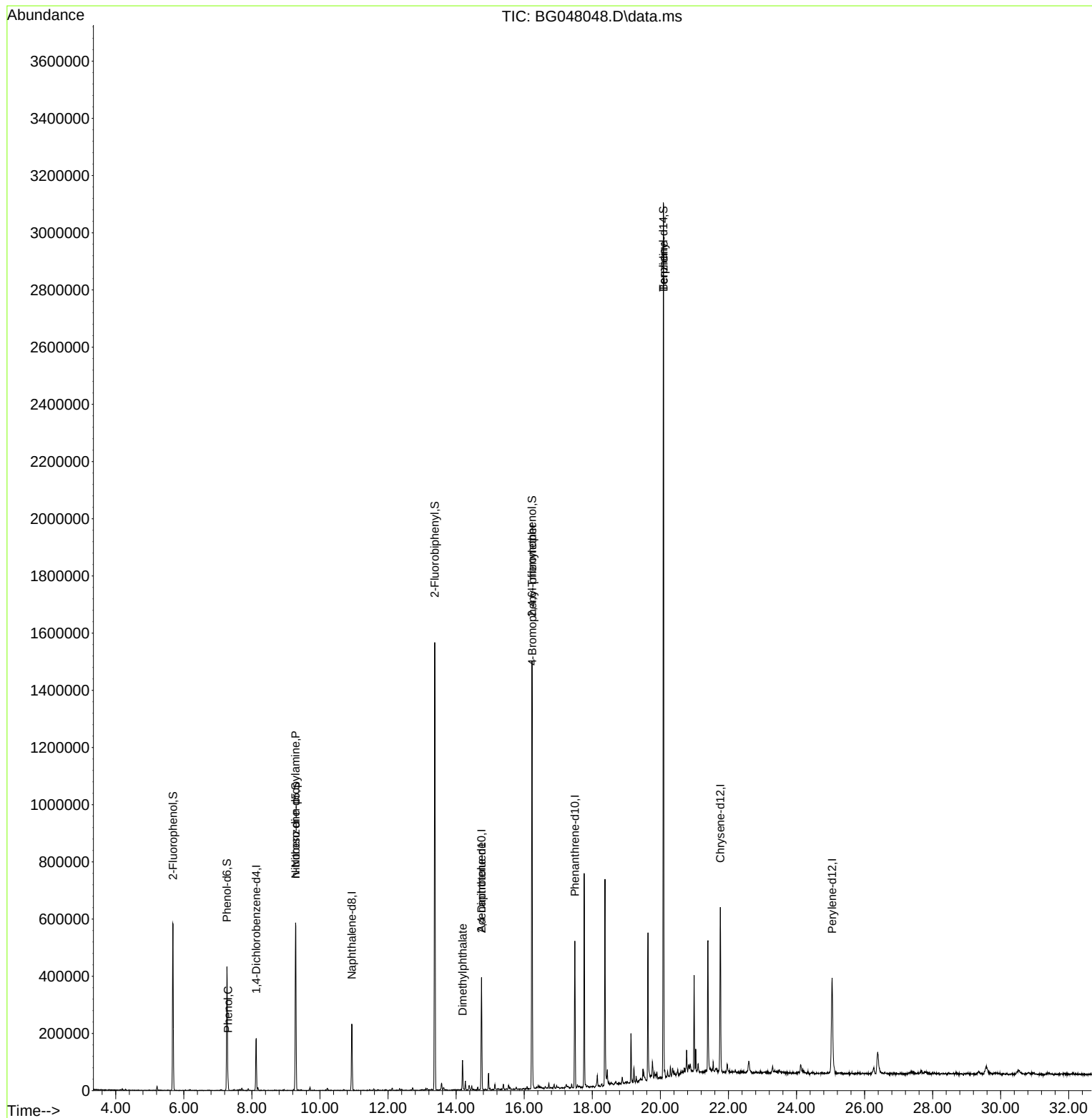
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	49489	20.00	ng	0.00
21) Naphthalene-d8	10.934	136	189017	20.00	ng	-0.01
39) Acenaphthene-d10	14.748	164	134269	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	330474	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	359067	20.00	ng	#-0.01
86) Perylene-d12	25.047	264	362734	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	240307	74.63	ng	0.00
7) Phenol-d6	7.268	99	229822	46.94	ng	-0.01
23) Nitrobenzene-d5	9.283	82	364277	76.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.228	330	284987	127.44	ng	-0.01
45) 2-Fluorobiphenyl	13.373	172	815932	78.57	ng	-0.01
79) Terphenyl-d14	20.088	244	1376837	66.48	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.298	94	16873	3.60	ng	# 74
19) n-Nitroso-di-n-propyla...	9.283	70	54374	15.22	ng	# 71
50) Dimethylphthalate	14.189	163	64131	5.28	ng	98
57) 2,4-Dinitrotoluene	14.748	165	16900	4.63	ng	# 33
67) 4-Bromophenyl-phenylether	16.234	248	19335	4.38	ng	# 1
77) Benzidine	20.094	184	24182	2.33	ng	# 93

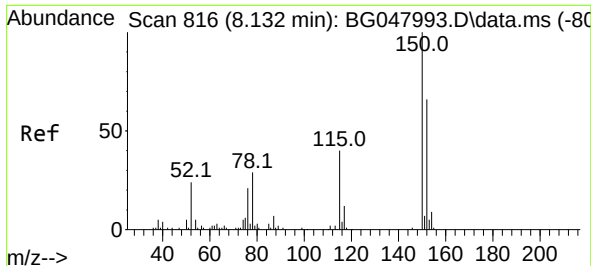
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
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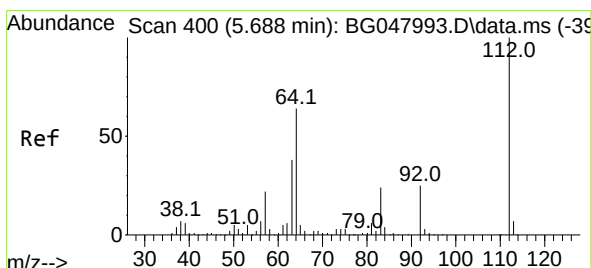
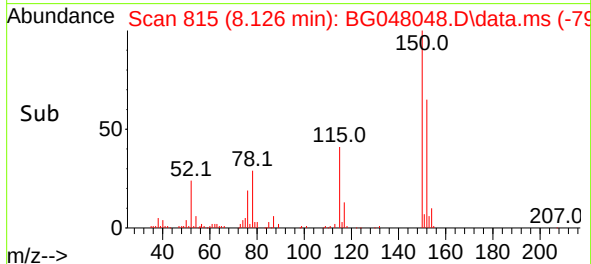
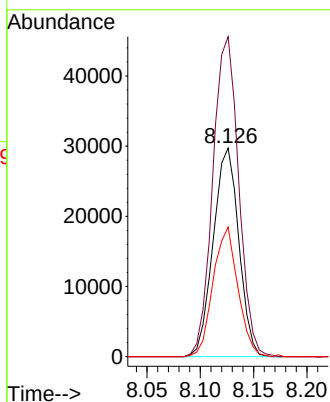
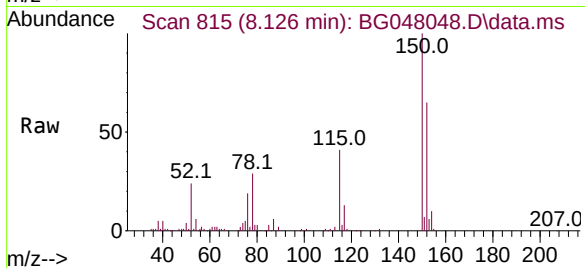




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.126 min Scan# 815
Delta R.T. -0.006 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

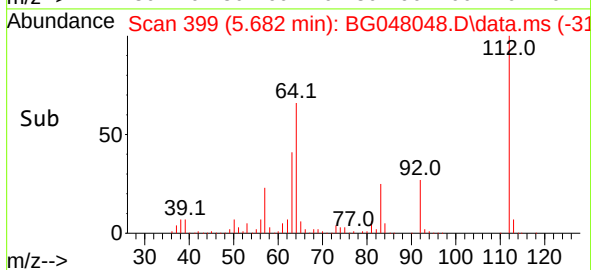
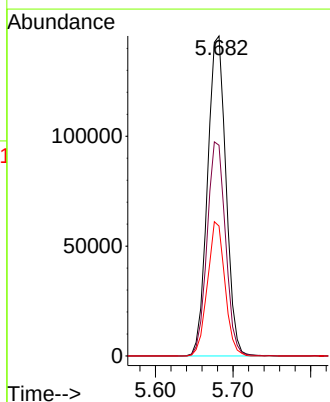
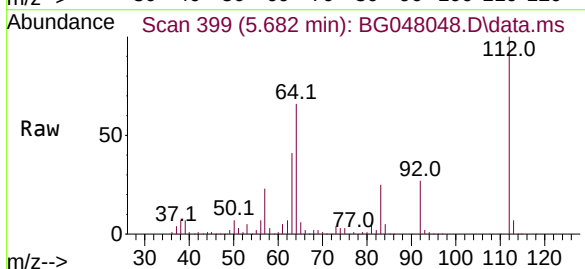
Instrument :
BNA_G
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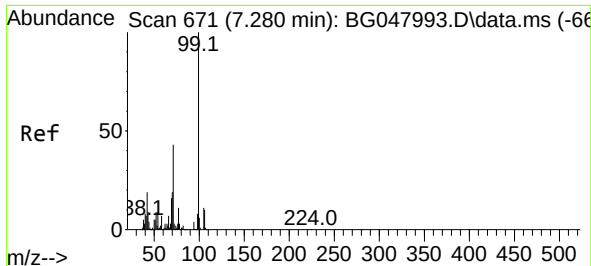
Tgt Ion:152 Resp: 49489
Ion Ratio Lower Upper
152 100
150 153.4 125.0 187.6
115 62.1 41.8 62.6



#5
2-Fluorophenol
Concen: 74.63 ng
RT: 5.682 min Scan# 399
Delta R.T. -0.006 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

Tgt Ion:112 Resp: 240307
Ion Ratio Lower Upper
112 100
64 65.9 46.7 70.1
63 40.6 22.8 34.2#

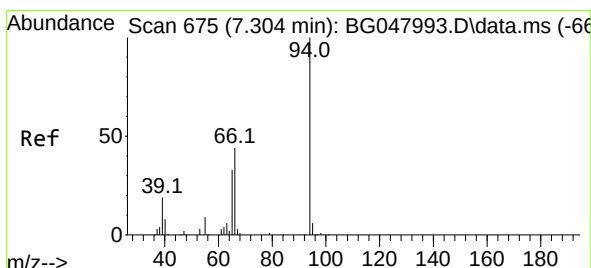
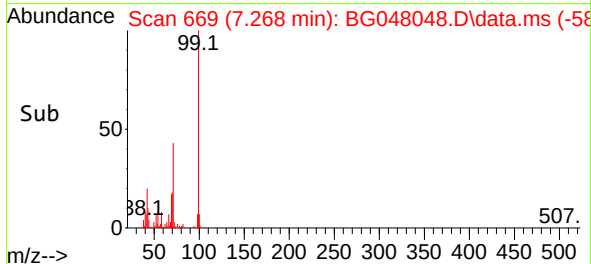
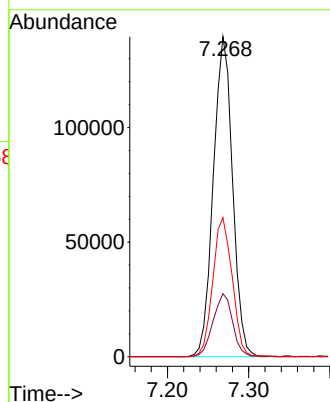
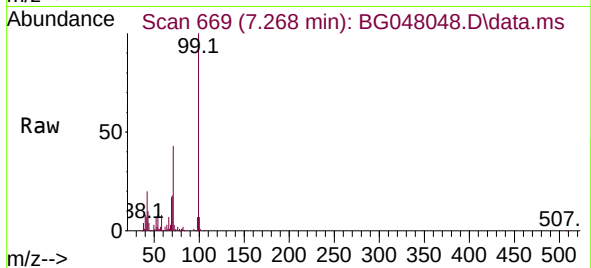




#7
Phenol-d6
Concen: 46.94 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.012 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

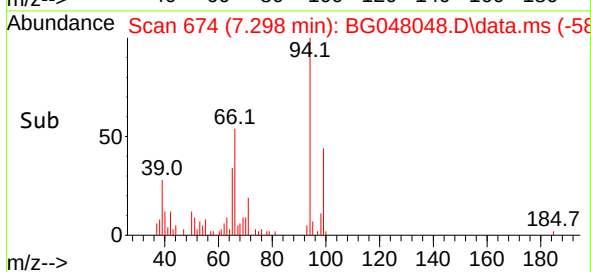
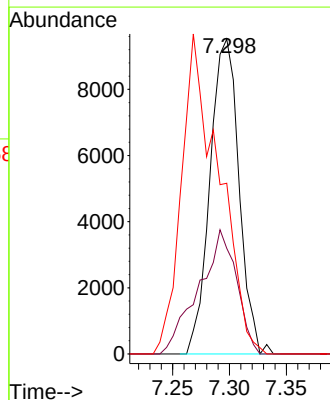
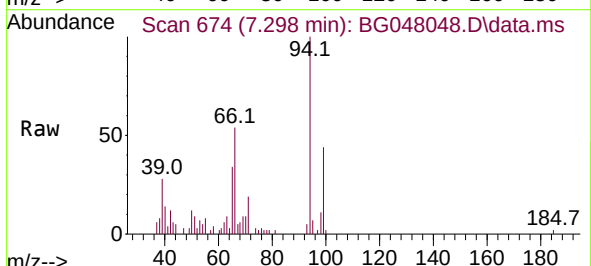
Instrument :
BNA_G
ClientSampleId :
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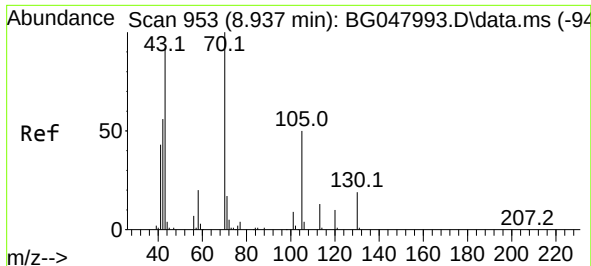
Tgt Ion:	99	Resp:	229822
Ion Ratio	Lower	Upper	
99	100		
42	19.7	12.8	19.2#
71	43.5	24.6	36.8#



#10
Phenol
Concen: 3.60 ng
RT: 7.298 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

Tgt Ion:	94	Resp:	16873
Ion Ratio	Lower	Upper	
94	100		
65	33.5	6.6	46.6
66	54.2	13.9	53.9#

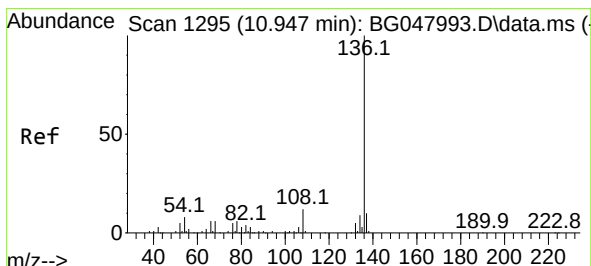
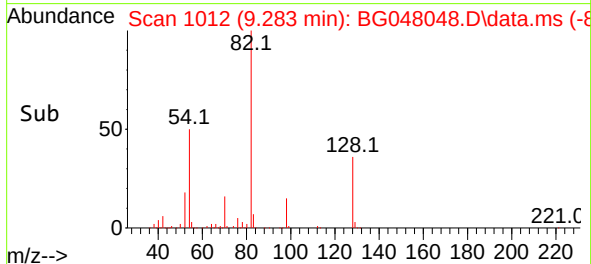
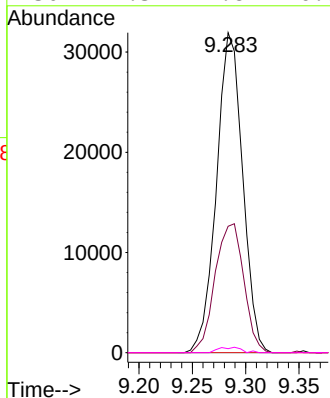
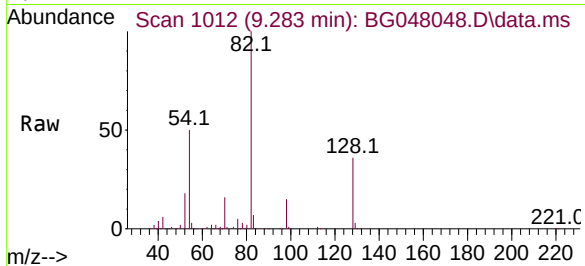




#19
n-Nitroso-di-n-propylamine
Concen: 15.22 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.346 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

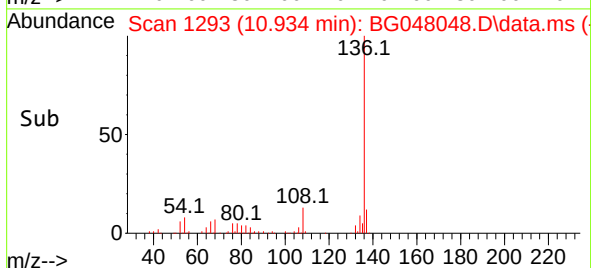
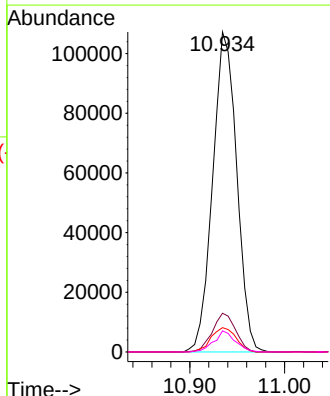
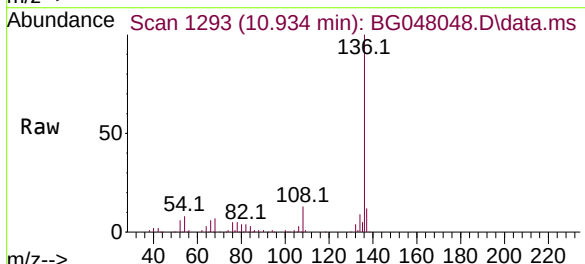
Instrument :
BNA_G
ClientSampleId :
0051-045-COMP-E-ELUTRIATE

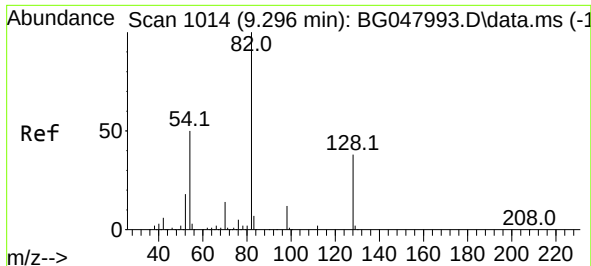
Tgt Ion: 70	Resp: 54374
Ion Ratio	Lower Upper
70 100	
42 39.5	45.6 68.4#
101 0.0	8.4 12.6#
130 1.3	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.934 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

Tgt Ion: 136	Resp: 189017
Ion Ratio	Lower Upper
136 100	
137 12.1	9.1 13.7
54 7.6	6.2 9.4
68 6.6	5.0 7.4

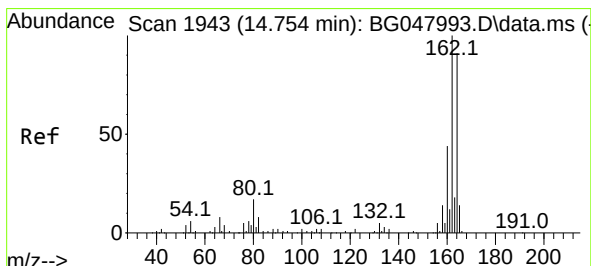
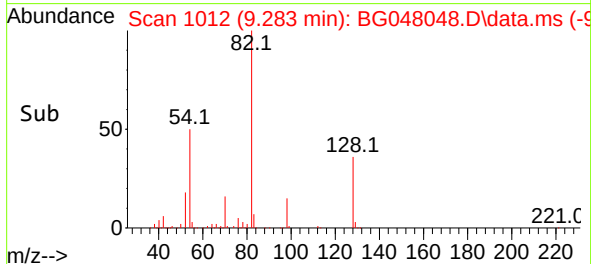
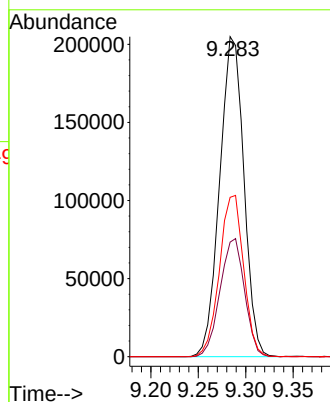
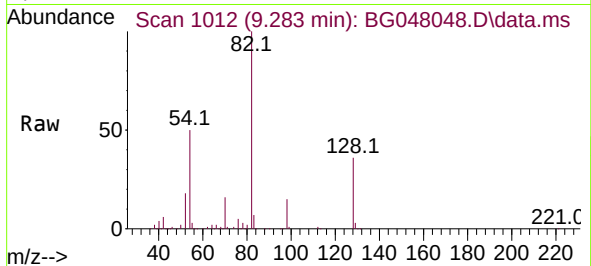




#23
Nitrobenzene-d5
Concen: 76.26 ng
RT: 9.283 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

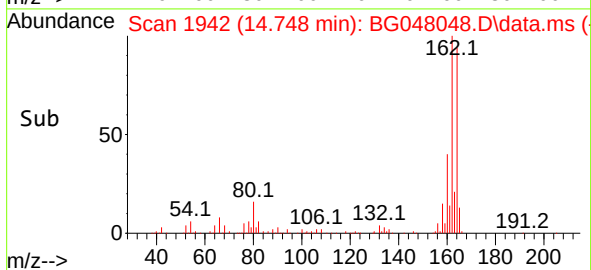
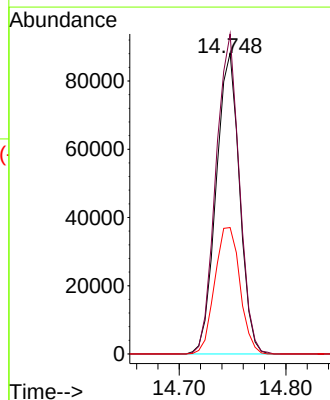
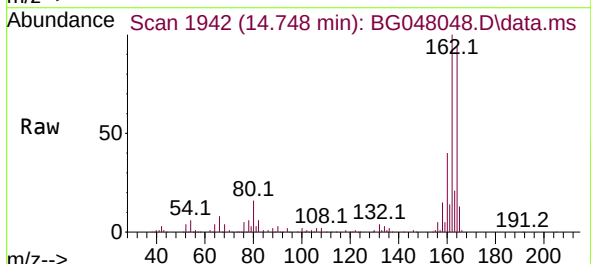
Instrument :
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ClientSampleId :
0051-045-COMP-E-ELUTRIATE

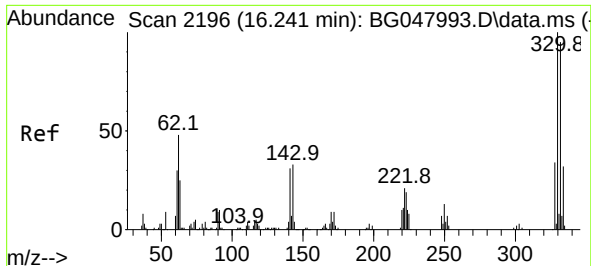
Tgt Ion: 82 Resp: 364277
Ion Ratio Lower Upper
82 100
128 35.8 37.0 55.6#
54 49.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

Tgt Ion: 164 Resp: 134269
Ion Ratio Lower Upper
164 100
162 106.3 82.3 123.5
160 42.0 35.3 52.9

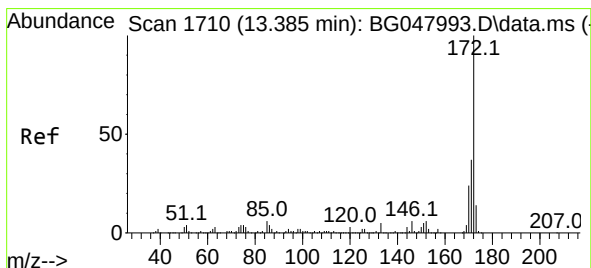
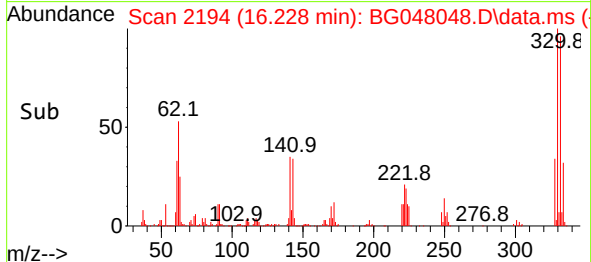
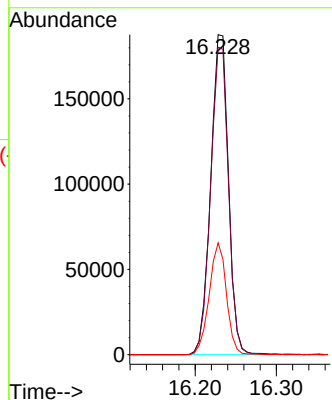
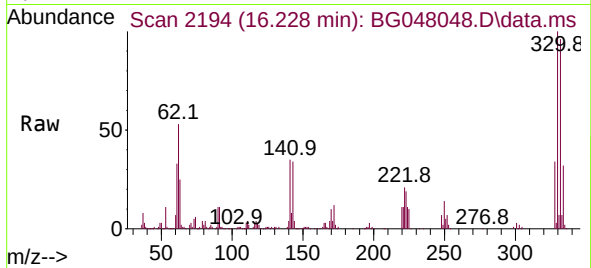




#42
2,4,6-Tribromophenol
Concen: 127.44 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

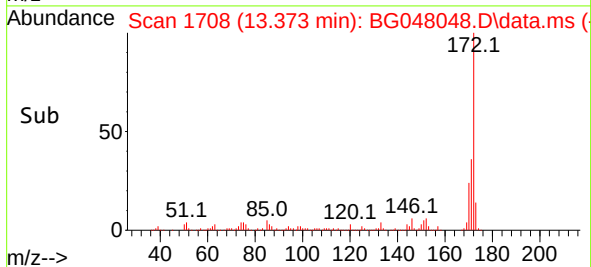
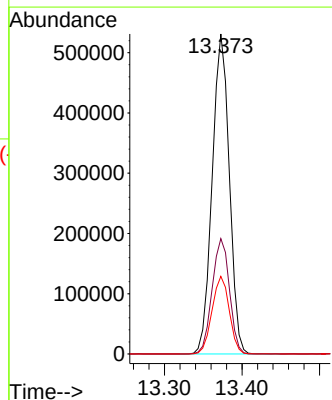
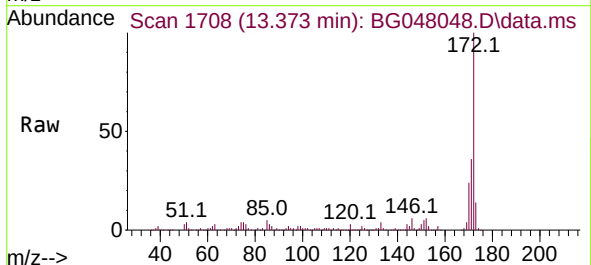
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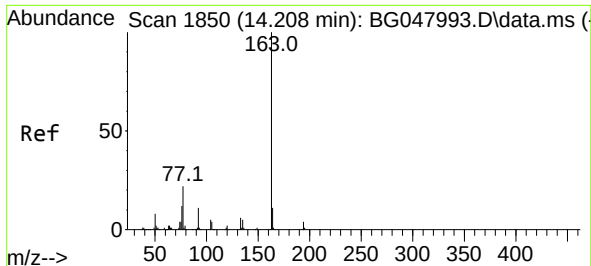
Tgt Ion:330 Resp: 284987
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 34.0 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 78.57 ng
RT: 13.373 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

Tgt Ion:172 Resp: 815932
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 24.2 20.8 31.2

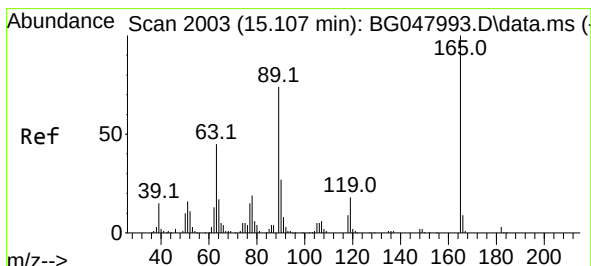
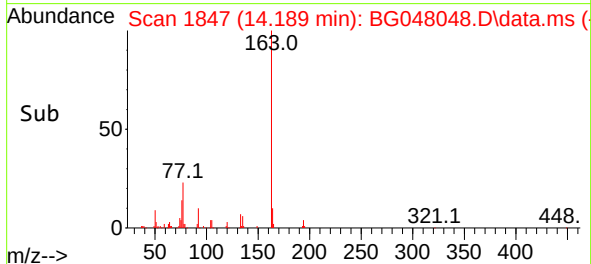
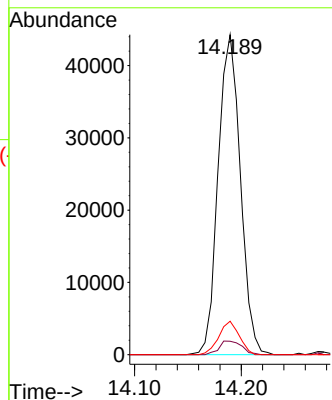
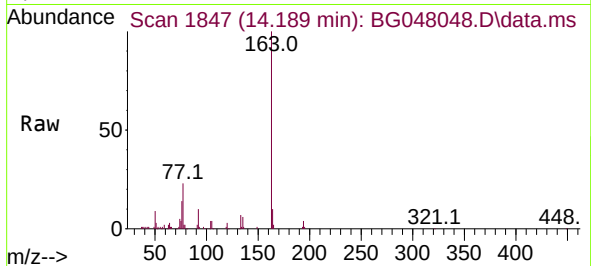




#50
Dimethylphthalate
Concen: 5.28 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

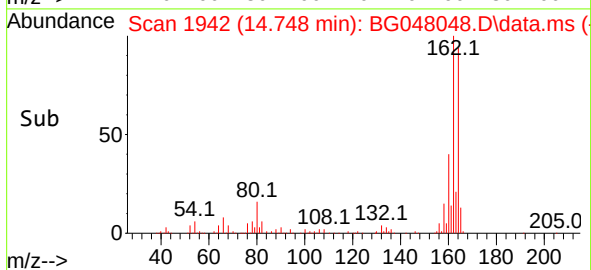
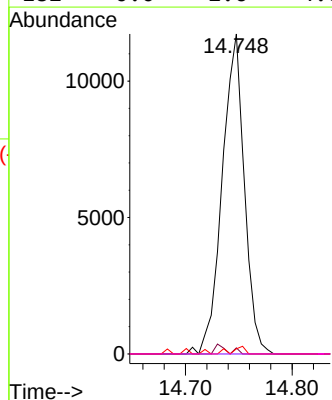
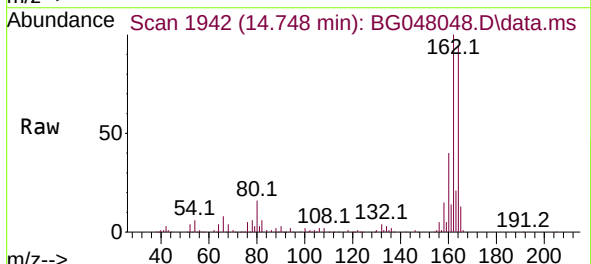
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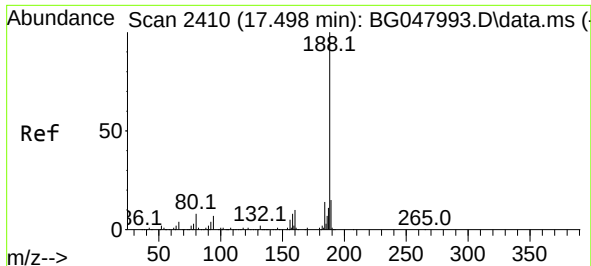
Tgt Ion:163 Resp: 64131
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.8
164 10.5 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 4.63 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.359 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

Tgt Ion:165 Resp: 16900
Ion Ratio Lower Upper
165 100
63 1.9 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#

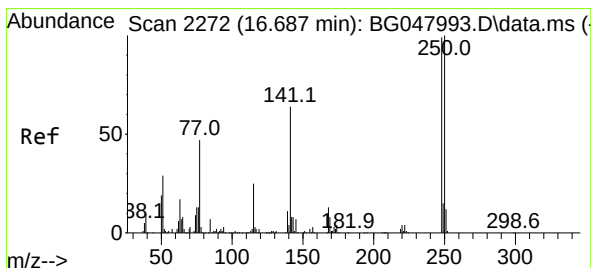
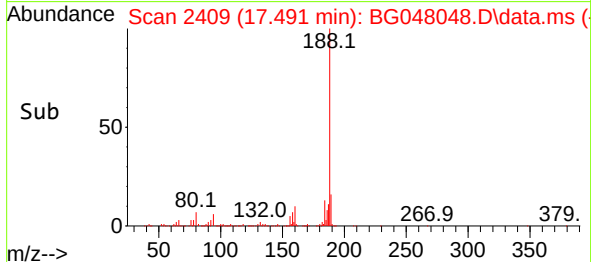
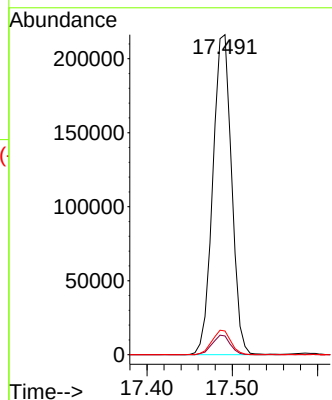
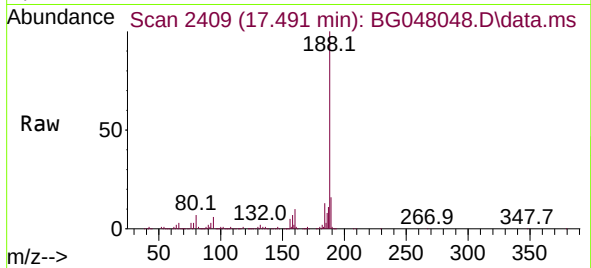




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

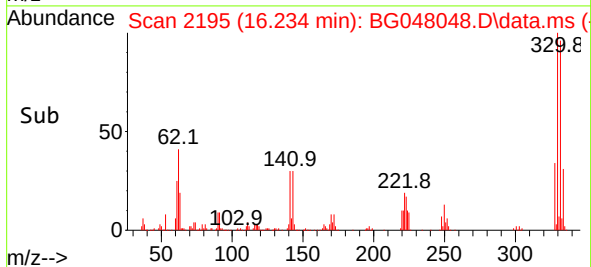
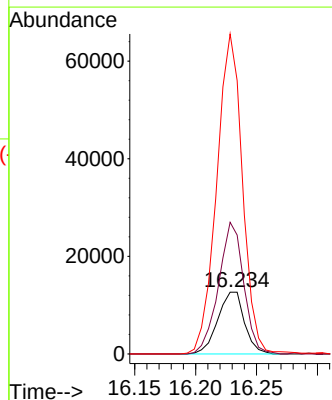
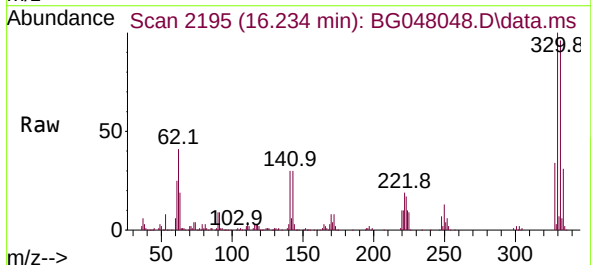
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0051-045-COMP-E-ELUTRIATE

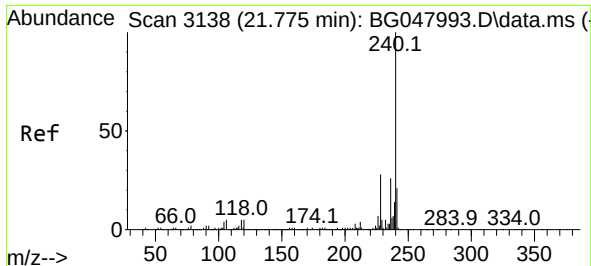
Tgt Ion:188 Resp: 330474
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.4 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.453 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

Tgt Ion:248 Resp: 19335
Ion Ratio Lower Upper
248 100
250 192.5 78.9 118.3#
141 442.4 46.2 69.4#

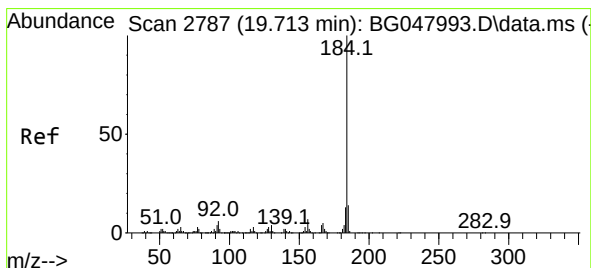
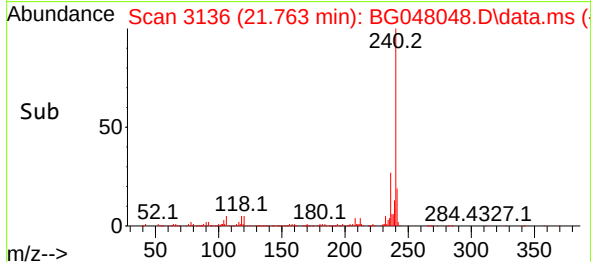
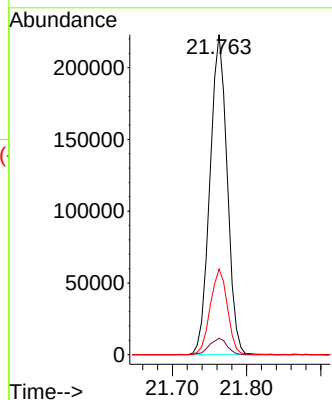
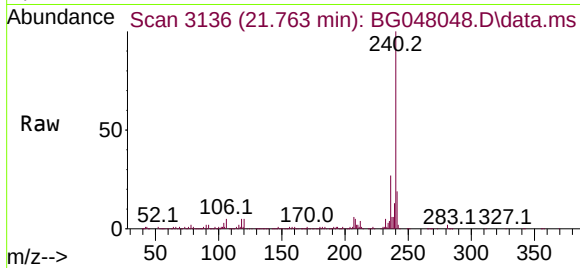




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

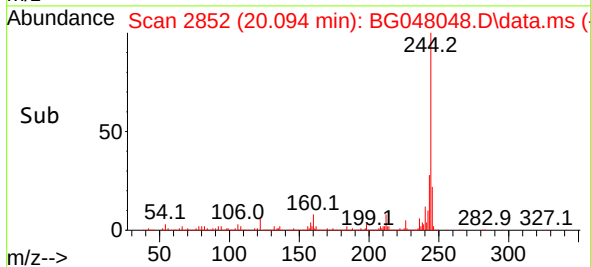
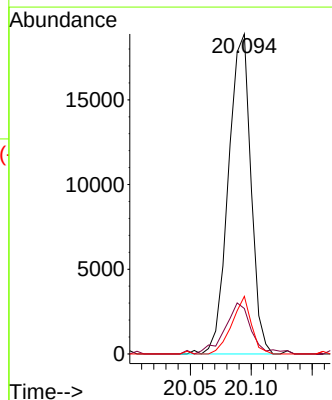
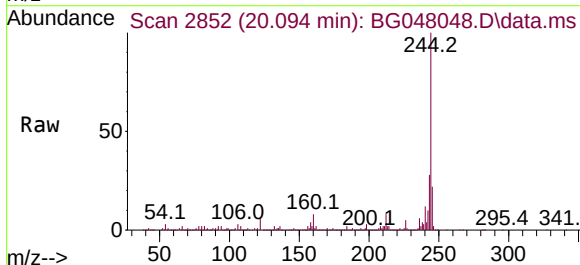
Instrument :
BNA_G
ClientSampleId :
0051-045-COMP-E-ELUTRIATE

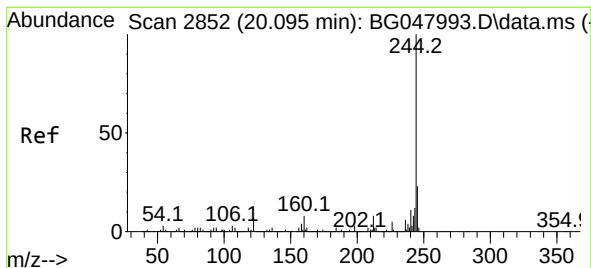
Tgt Ion:240 Resp: 359067
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 26.8 20.5 30.7



#77
Benzidine
Concen: 2.33 ng
RT: 20.094 min Scan# 2852
Delta R.T. 0.381 min
Lab File: BG048048.D
Acq: 28 Jan 2021 4:22

Tgt Ion:184 Resp: 24182
Ion Ratio Lower Upper
184 100
185 14.2 12.4 18.6
183 18.0 10.6 15.8#





#79

Terphenyl-d14

Concen: 66.48 ng

RT: 20.088 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BG048048.D

Acq: 28 Jan 2021 4:22

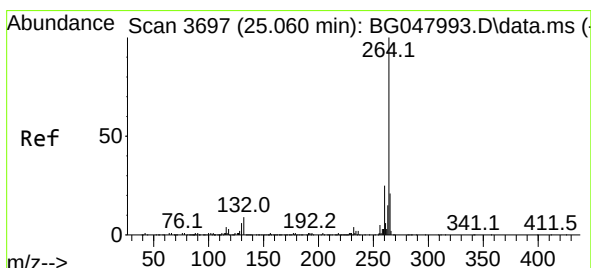
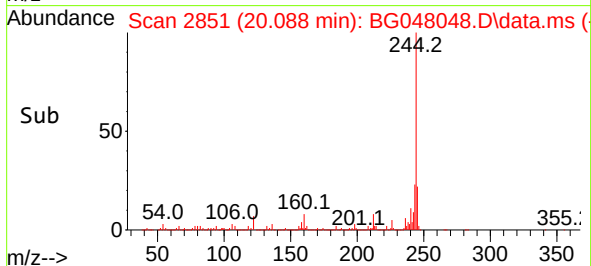
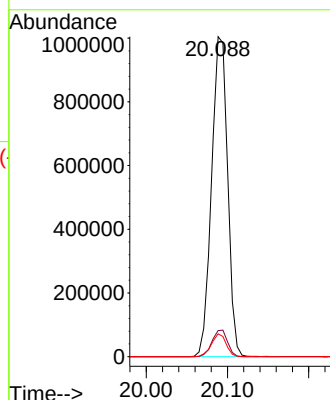
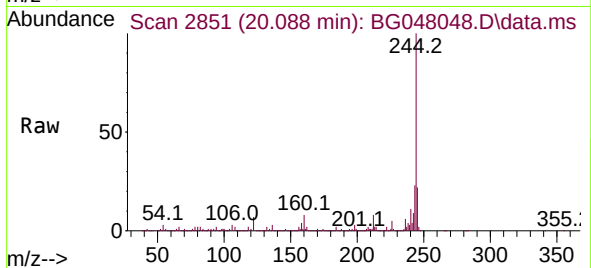
Tgt Ion:244 Resp: 1376837

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

122 7.1 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.047 min Scan# 3695

Delta R.T. -0.012 min

Lab File: BG048048.D

Acq: 28 Jan 2021 4:22

Tgt Ion:264 Resp: 362734

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.1 17.8 26.8

