

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048443.D
 Acq On : 22 Mar 2021 13:47
 Operator : CG/JU
 Sample : M1732-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3B-(2.5-3.0)

Quant Time: Mar 22 15:23:23 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)

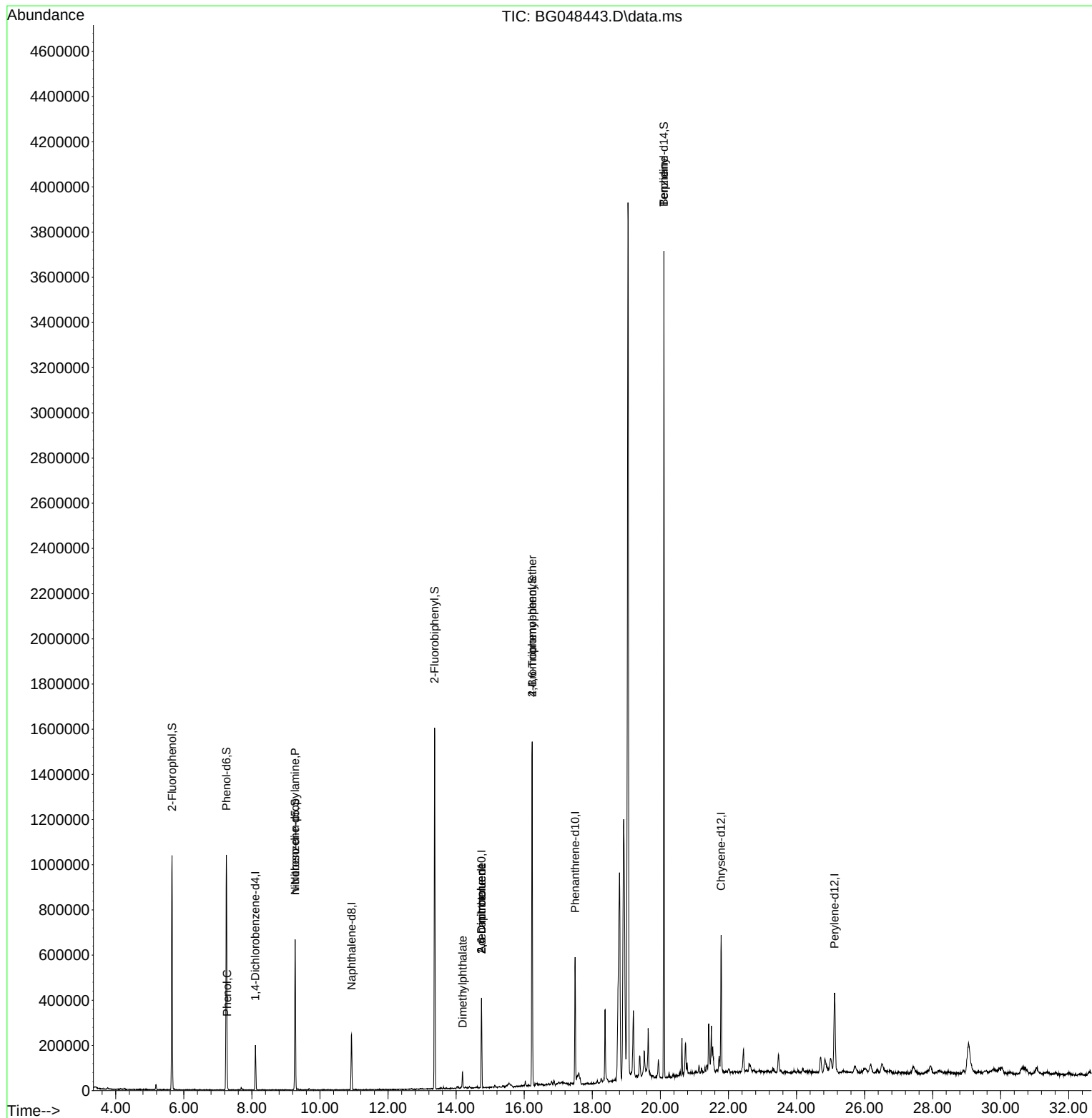
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	52207	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	191857	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	143529	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	351894	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	390790	20.00	ng	# 0.00
86) Perylene-d12	25.118	264	399115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	387751	122.82	ng	0.00
7) Phenol-d6	7.251	99	529196	115.20	ng	0.00
23) Nitrobenzene-d5	9.272	82	393209	81.95	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	285333	122.24	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	810665	81.25	ng	0.00
79) Terphenyl-d14	20.106	244	1622412	74.87	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.251	77	2224	Below Cal	#	7
10) Phenol	7.274	94	11089	2.36	ng	# 43
19) n-Nitroso-di-n-propyla...	9.272	70	60557	17.76	ng	# 74
50) Dimethylphthalate	14.190	163	42534	3.64	ng	97
51) 2,6-Dinitrotoluene	14.748	165	19093	7.60	ng	# 34
57) 2,4-Dinitrotoluene	14.748	165	19093	5.35	ng	# 32
67) 4-Bromophenyl-phenylether	16.234	248	19683	4.44	ng	# 1
77) Benzidine	20.106	184	30005	2.56	ng	# 88

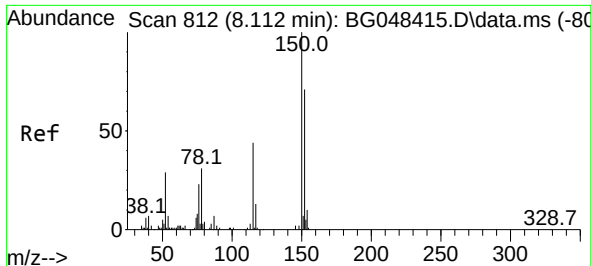
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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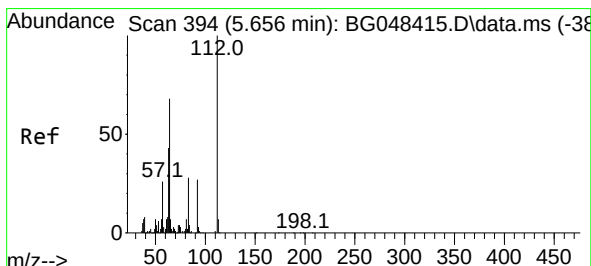
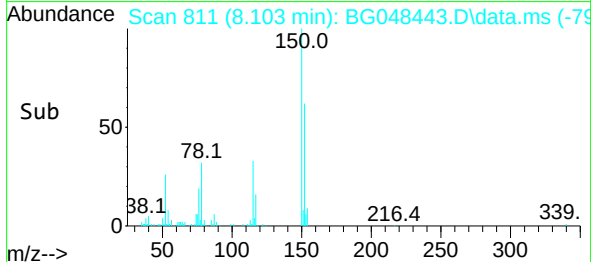
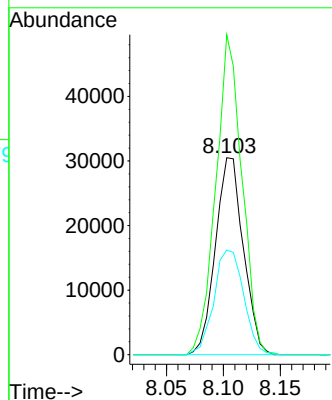
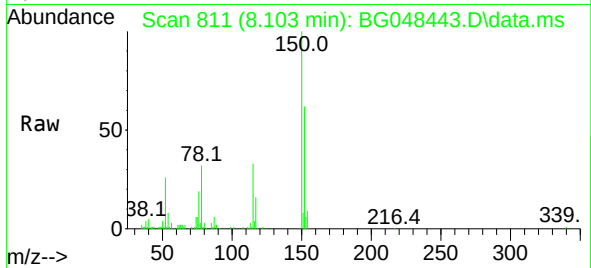




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

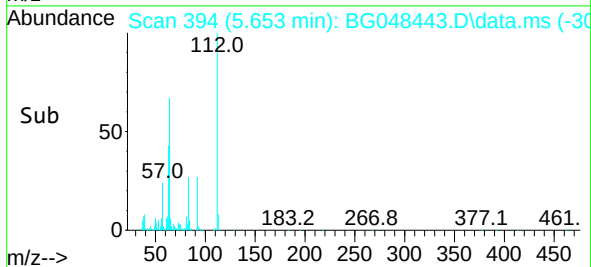
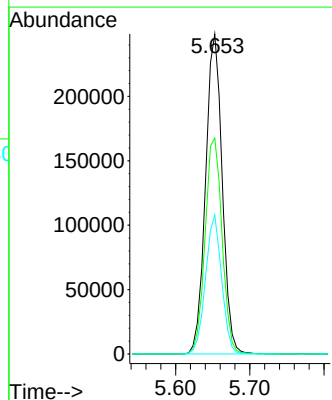
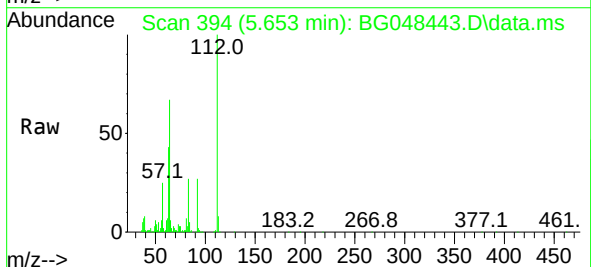
Instrument :
BNA_G
ClientSampleId :
SB-3B-(2.5-3.0)

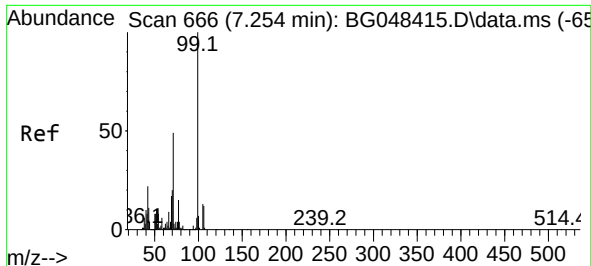
Tgt Ion:152 Resp: 52207
Ion Ratio Lower Upper
152 100
150 162.5 125.0 187.6
115 53.1 41.8 62.6



#5
2-Fluorophenol
Concen: 122.82 ng
RT: 5.653 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion:112 Resp: 387751
Ion Ratio Lower Upper
112 100
64 67.5 46.7 70.1
63 43.5 22.8 34.2#

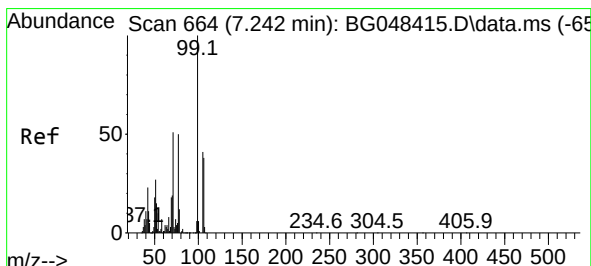
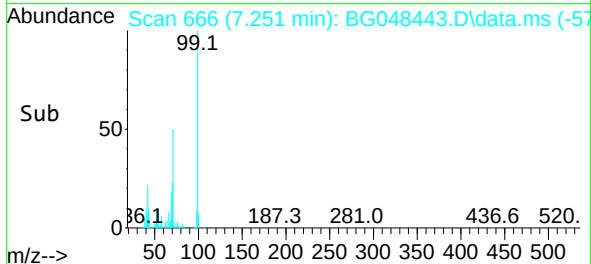
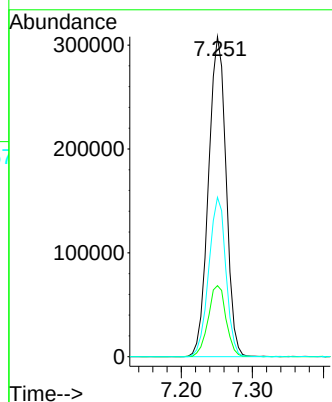
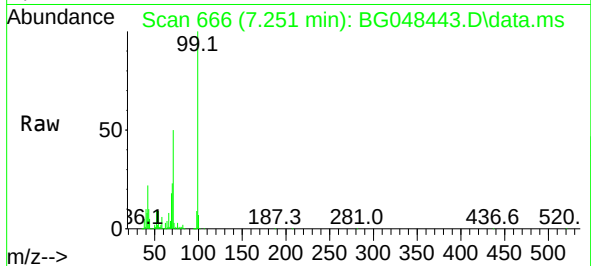




#7
Phenol-d6
Concen: 115.20 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

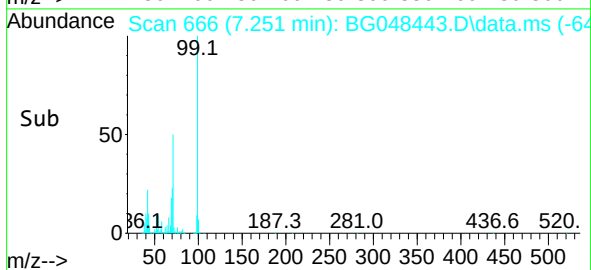
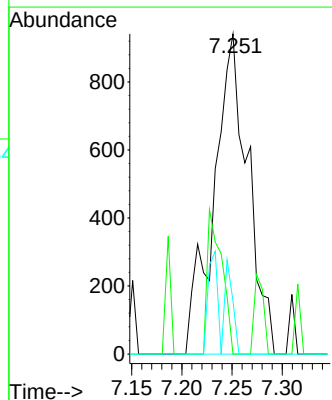
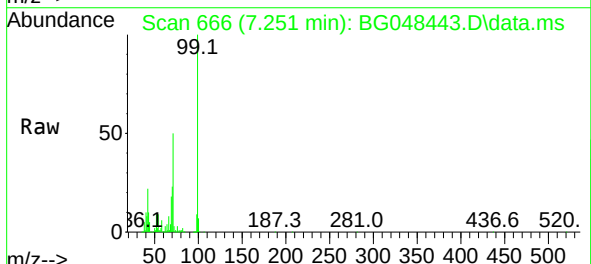
Instrument :
BNA_G
ClientSampleId :
SB-3B-(2.5-3.0)

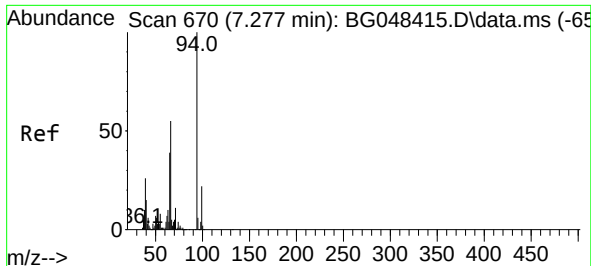
Tgt Ion: 99 Resp: 529196
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 49.8 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.012 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion: 77 Resp: 2224
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 16.6 80.9 120.9#

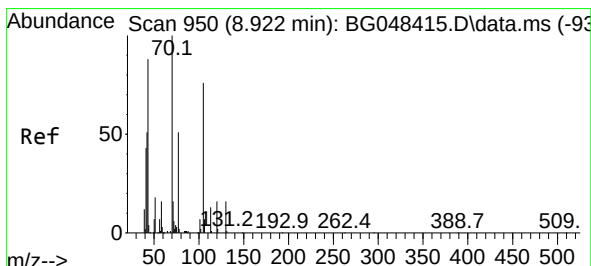
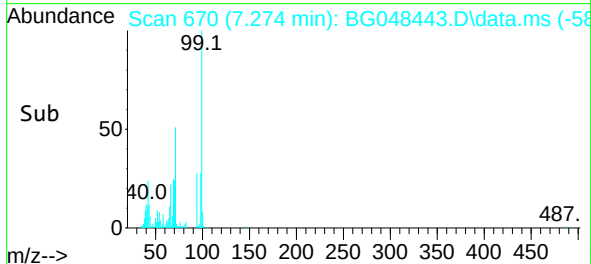
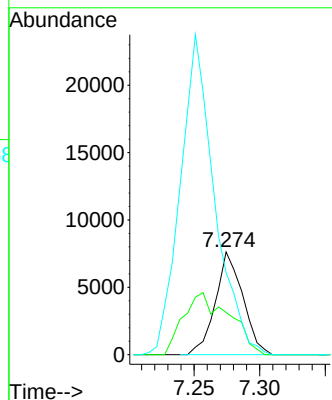
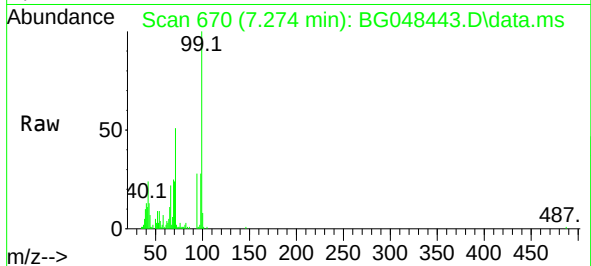




#10
Phenol
Concen: 2.36 ng
RT: 7.274 min Scan# 670
Delta R.T. 0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

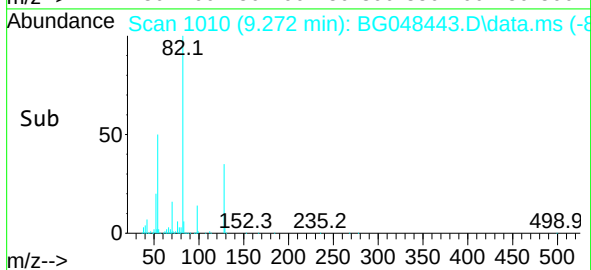
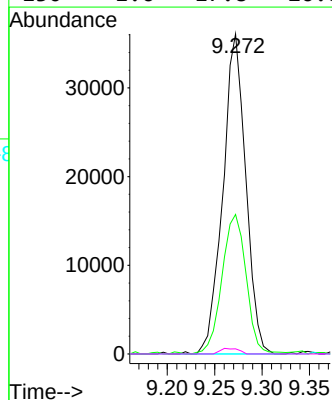
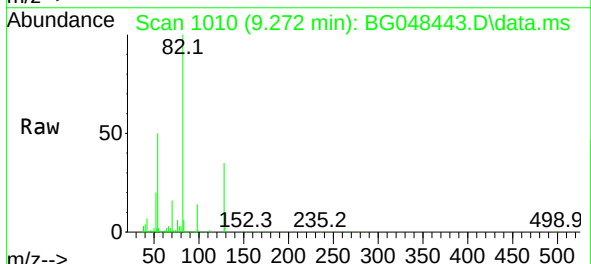
Instrument :
BNA_G
ClientSampleId :
SB-3B-(2.5-3.0)

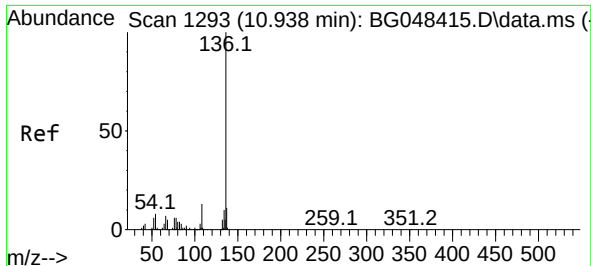
Tgt Ion:	94	Resp:	11089
Ion	Ratio	Lower	Upper
94	100		
65	41.1	6.6	46.6
66	79.8	13.9	53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 17.76 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.359 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion:	70	Resp:	60557
Ion	Ratio	Lower	Upper
70	100		
42	43.6	45.6	68.4#
101	0.0	8.4	12.6#
130	1.6	17.8	26.8#

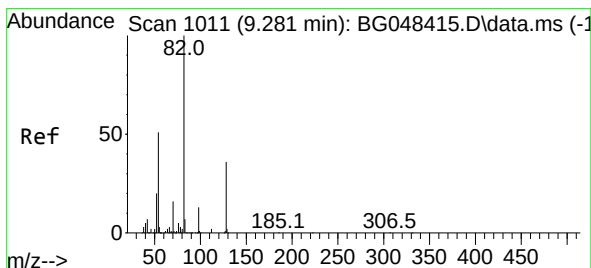
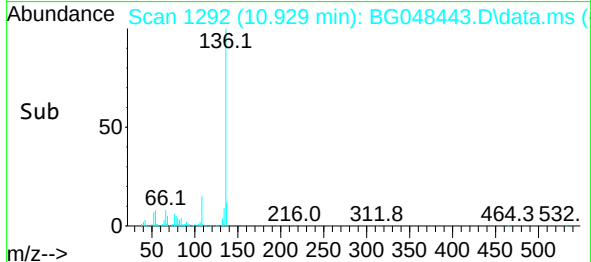
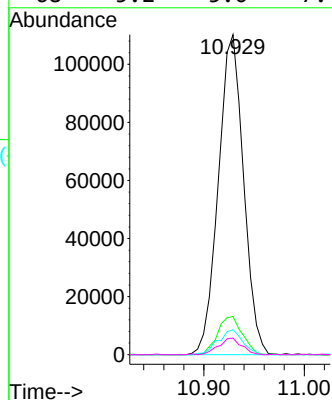
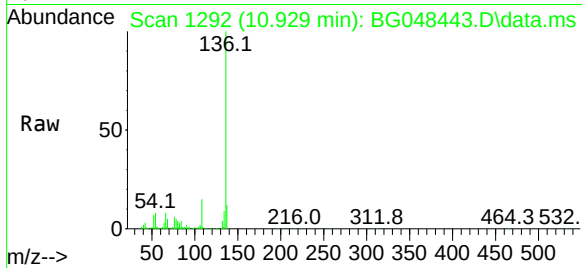




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

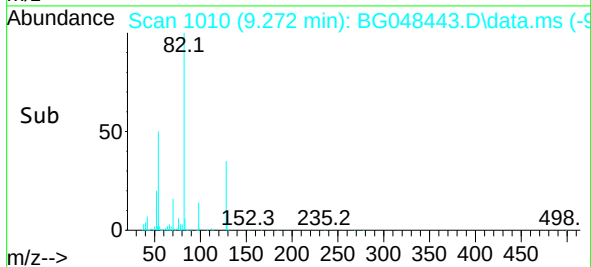
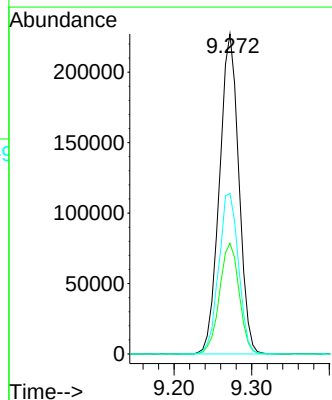
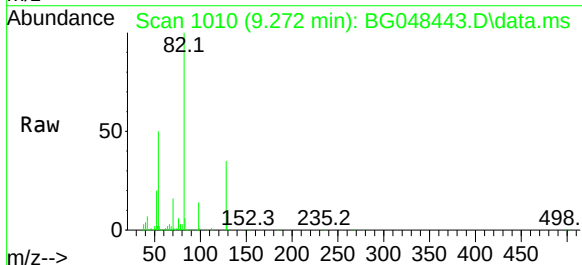
Instrument :
BNA_G
ClientSampleId :
SB-3B-(2.5-3.0)

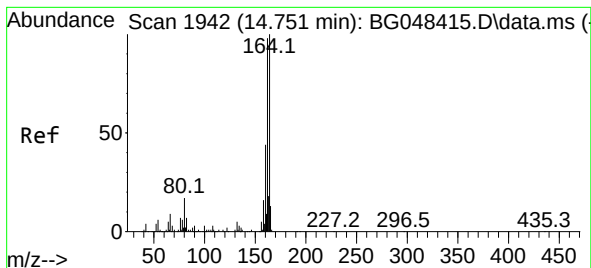
Tgt Ion:	136	Resp:	191857
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.1	13.7
54	7.8	6.2	9.4
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.95 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion:	82	Resp:	393209
Ion Ratio	Lower	Upper	
82	100		
128	34.6	37.0	55.6#
54	50.2	39.0	58.4

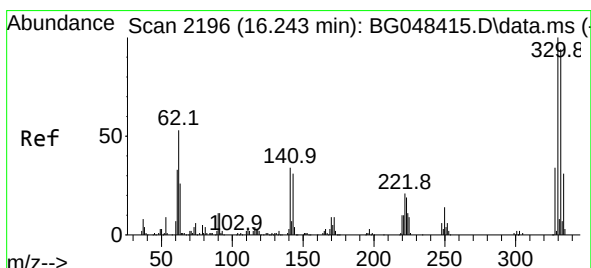
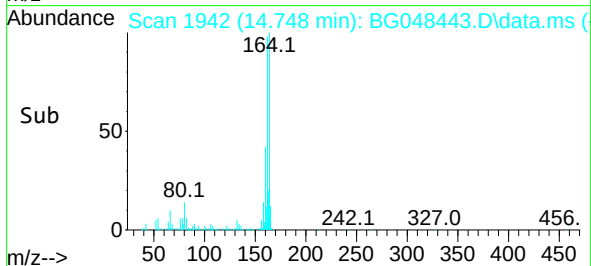
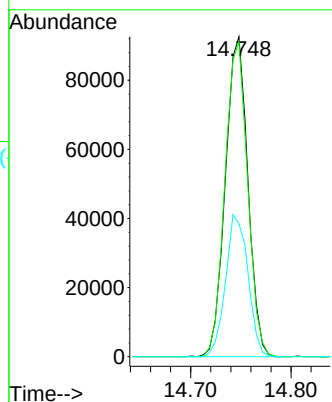
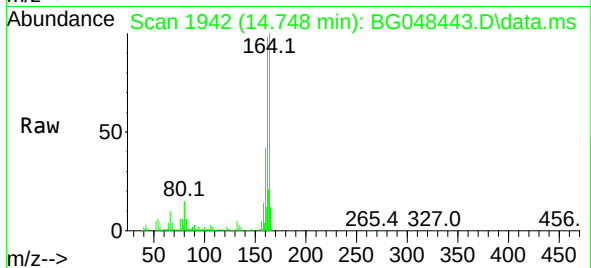




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

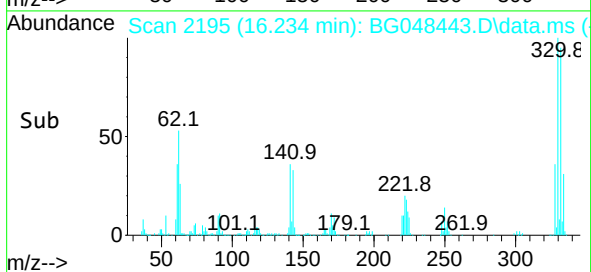
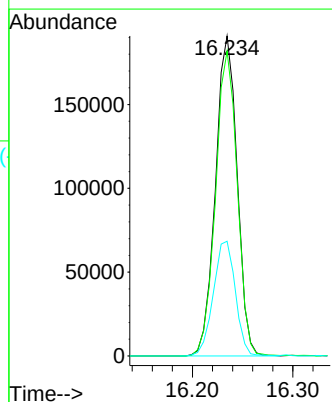
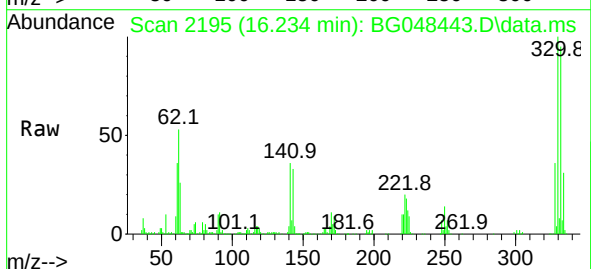
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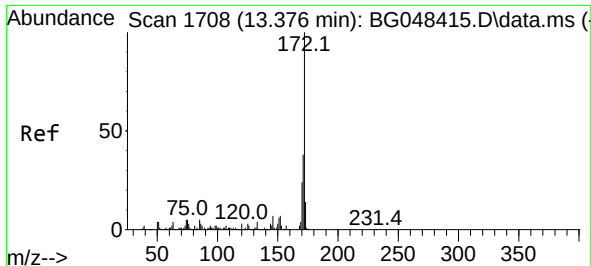
Tgt Ion:164 Resp: 143529
Ion Ratio Lower Upper
164 100
162 98.4 82.3 123.5
160 41.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 122.24 ng
RT: 16.234 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion:330 Resp: 285333
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 36.6 26.0 39.0

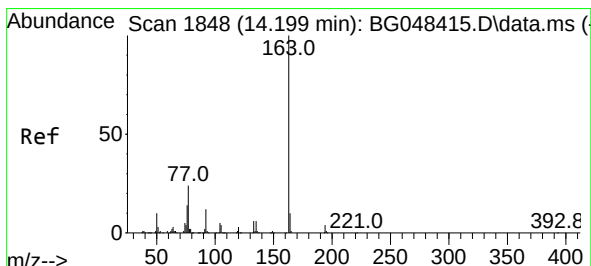
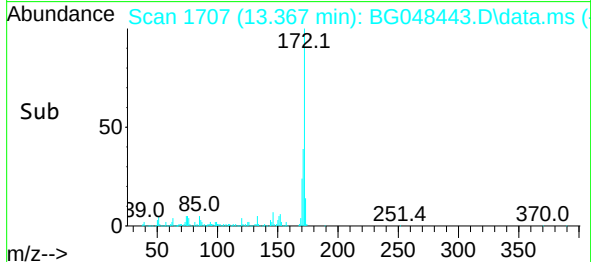
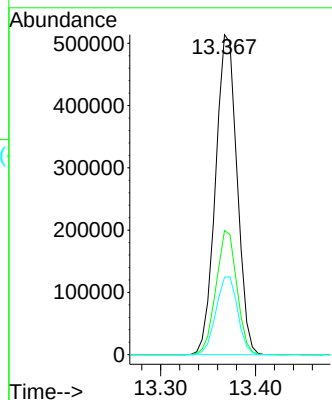
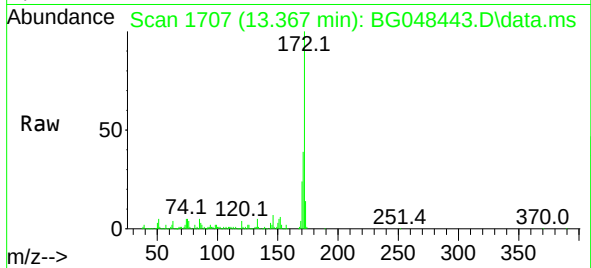




#45
2-Fluorobiphenyl
Concen: 81.25 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

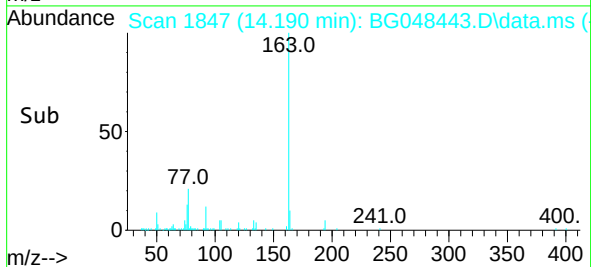
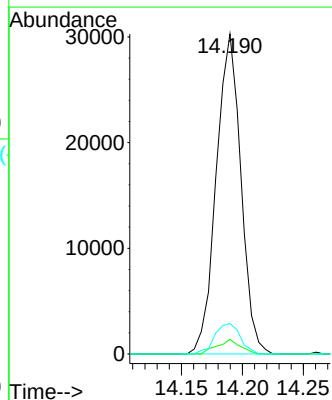
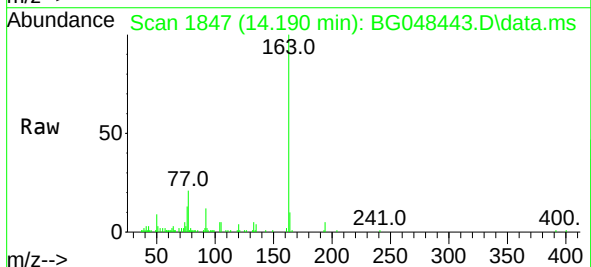
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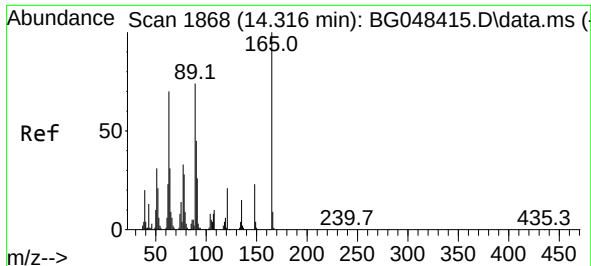
Tgt Ion:172 Resp: 810665
Ion Ratio Lower Upper
172 100
171 38.8 31.3 46.9
170 24.2 20.8 31.2



#50
Dimethylphthalate
Concen: 3.64 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion:163 Resp: 42534
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.8
164 9.5 8.8 13.2

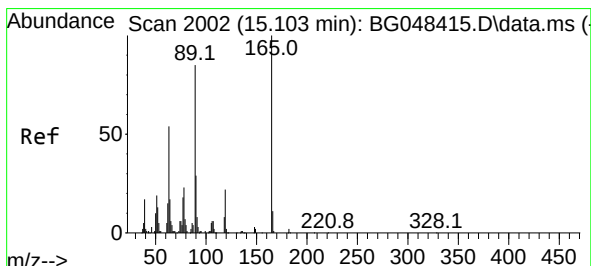
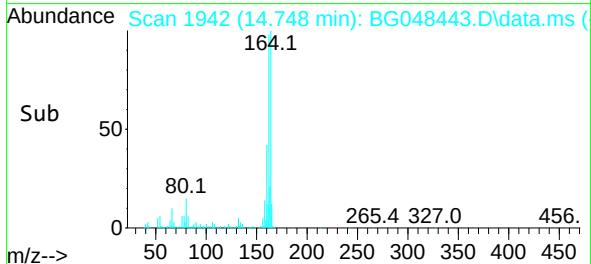
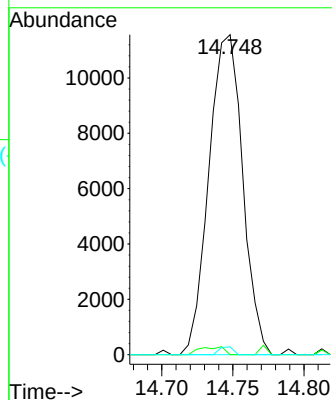
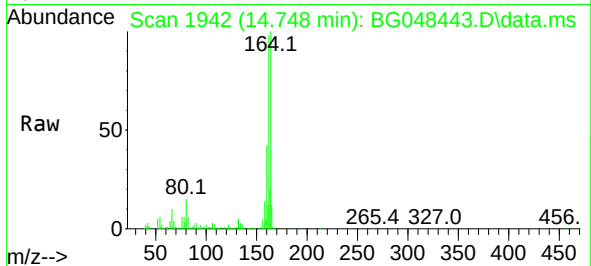




#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.435 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

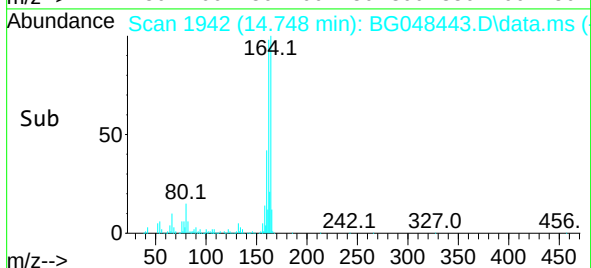
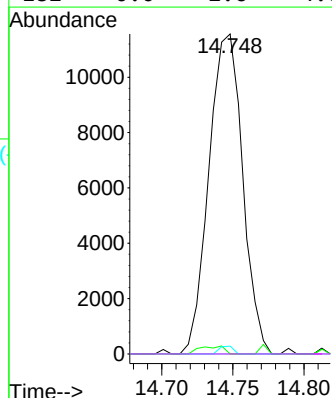
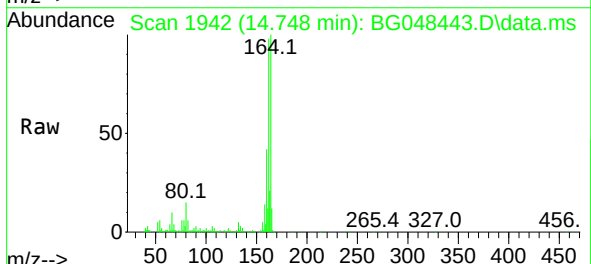
Instrument :
BNA_G
ClientSampleId :
SB-3B-(2.5-3.0)

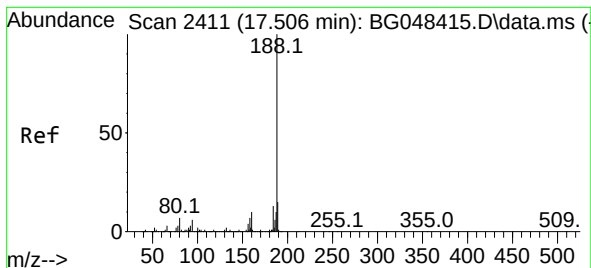
Tgt Ion:165 Resp: 19093
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.4 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.352 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion:165 Resp: 19093
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#

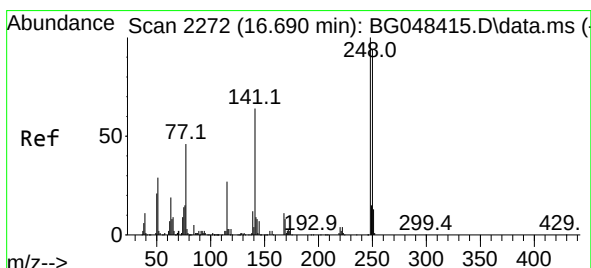
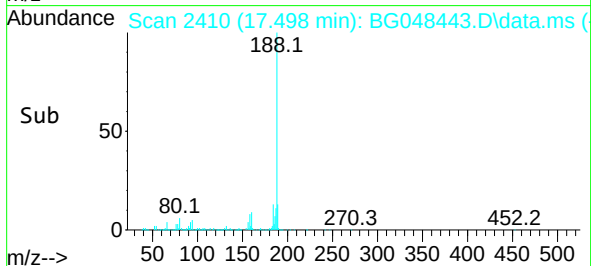
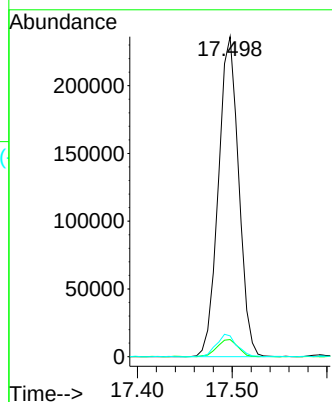
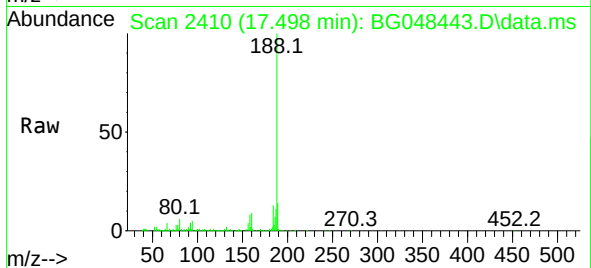




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

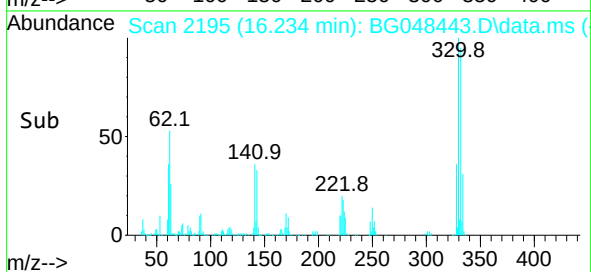
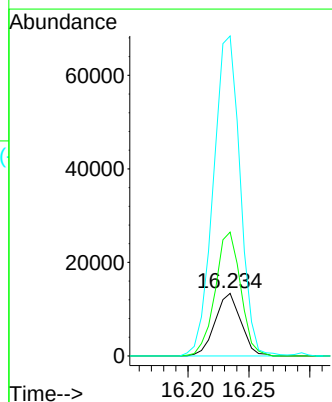
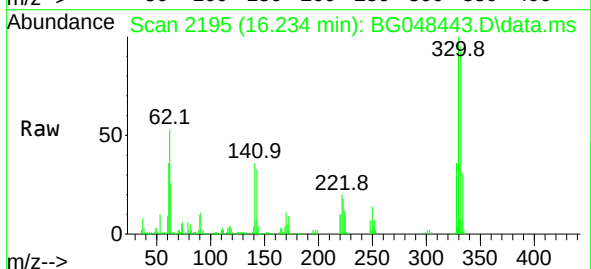
Instrument :
BNA_G
ClientSampleId :
SB-3B-(2.5-3.0)

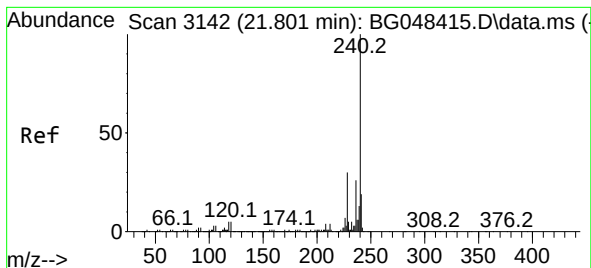
Tgt Ion:188 Resp: 351894
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 6.5 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.446 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion:248 Resp: 19683
Ion Ratio Lower Upper
248 100
250 197.8 78.9 118.3#
141 510.9 46.2 69.4#

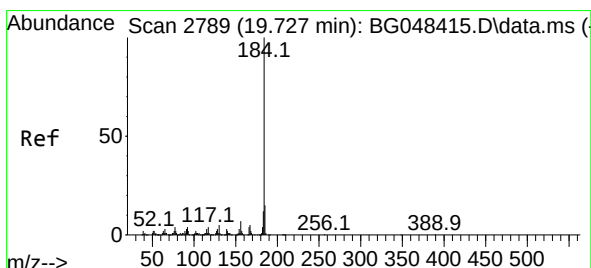
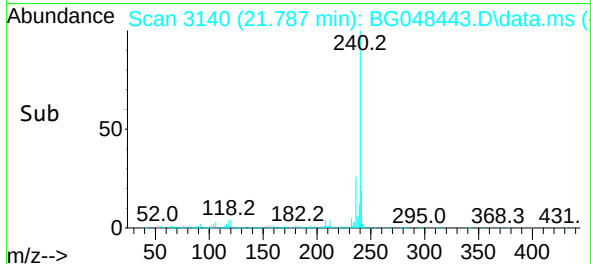
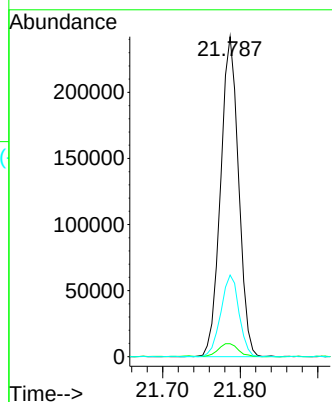
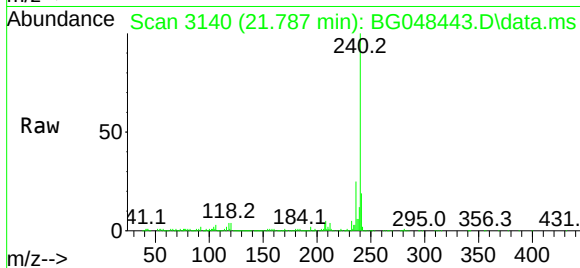




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

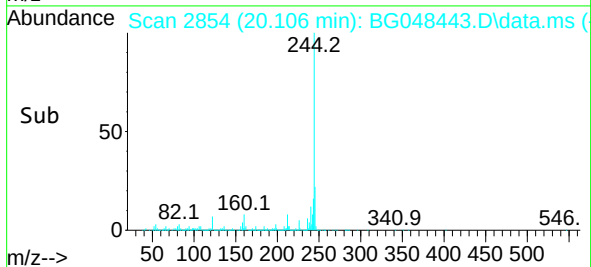
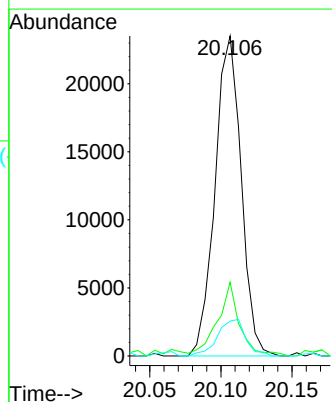
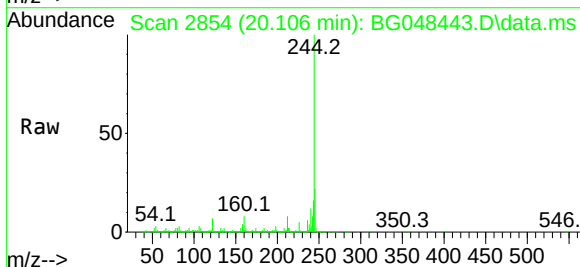
Instrument :
BNA_G
ClientSampleId :
SB-3B-(2.5-3.0)

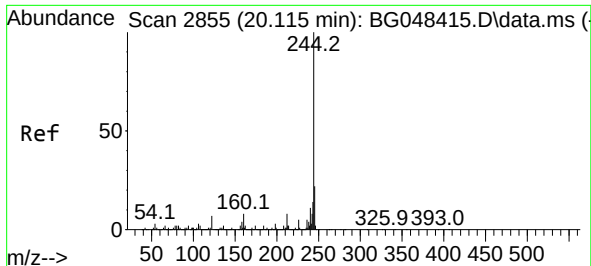
Tgt Ion:240 Resp: 390790
Ion Ratio Lower Upper
240 100
120 4.0 6.2 9.4#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 2.56 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.382 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion:184 Resp: 30005
Ion Ratio Lower Upper
184 100
185 23.0 12.4 18.6#
183 10.9 10.6 15.8

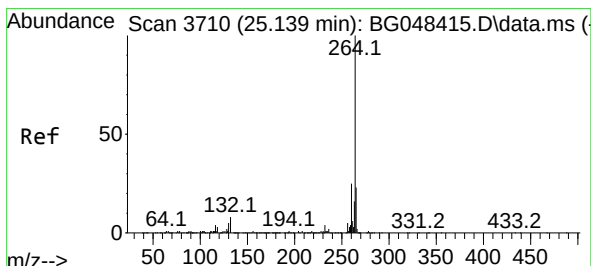
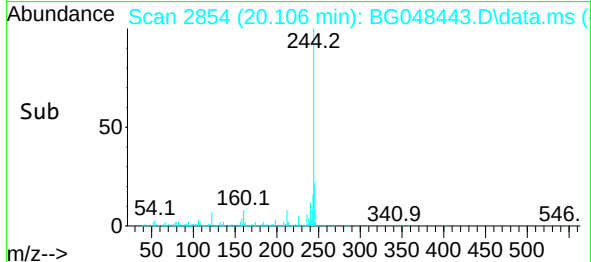
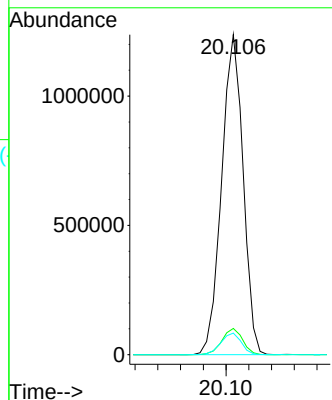
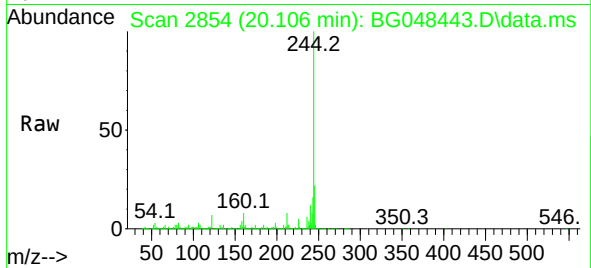




#79
Terphenyl-d14
Concen: 74.87 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BG048443.D
Acq: 22 Mar 2021 13:47

Instrument :
BNA_G
ClientSampleId :
SB-3B-(2.5-3.0)

Tgt Ion:244 Resp: 1622412
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 6.7 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: BG048443.D
Acq: 22 Mar 2021 13:47

Tgt Ion:264 Resp: 399115
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.5 17.8 26.8

