

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048498.D
 Acq On : 25 Mar 2021 12:21
 Operator : CG/JU
 Sample : M1779-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3B1-(3.0-3.5)

Quant Time: Mar 25 13:13:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 02:47:17 2021
 Response via : Initial Calibration

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

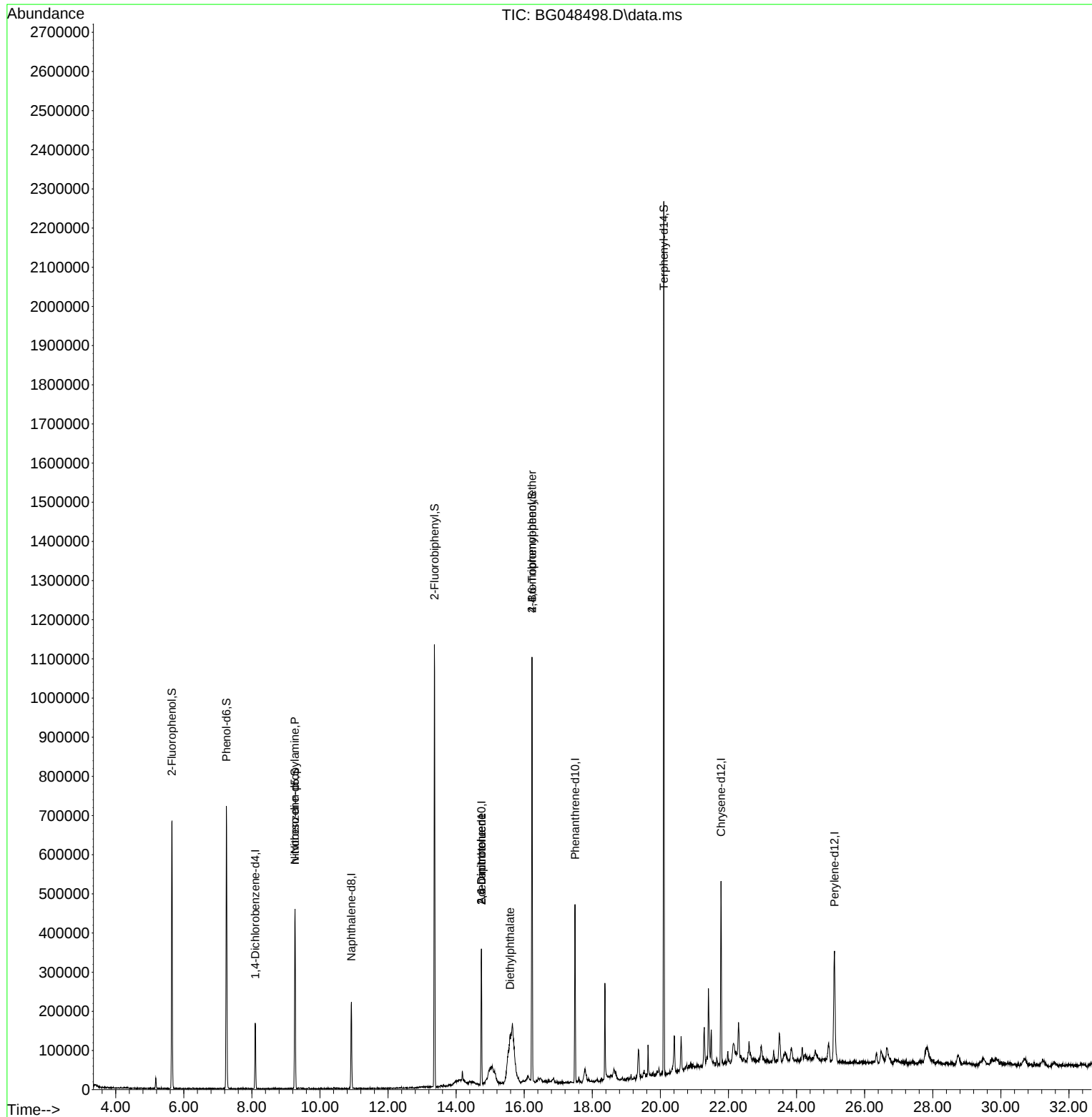
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	44069	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	172761	20.00	ng	#-0.01
39) Acenaphthene-d10	14.743	164	122491	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	274716	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	287327	20.00	ng	#-0.01
86) Perylene-d12	25.113	264	308704	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	276180	103.64	ng	0.00
7) Phenol-d6	7.251	99	373031	96.20	ng	0.00
23) Nitrobenzene-d5	9.267	82	278503	64.46	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	192202	96.48	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	557461	65.47	ng	0.00
79) Terphenyl-d14	20.101	244	988972	62.07	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.251	77	906	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	42632	14.81	ng	# 72
51) 2,6-Dinitrotoluene	14.743	165	15417	7.19	ng	# 38
57) 2,4-Dinitrotoluene	14.743	165	15417	5.06	ng	# 36
60) Diethylphthalate	15.589	149	176493	18.11	ng	# 63
67) 4-Bromophenyl-phenylether	16.229	248	12061	3.49	ng	# 1

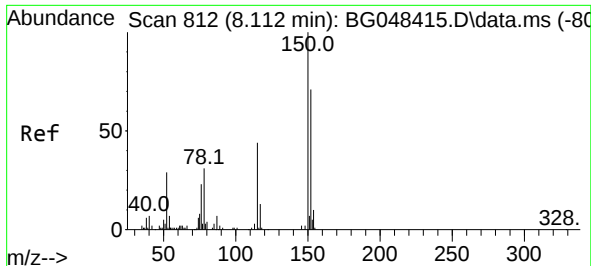
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

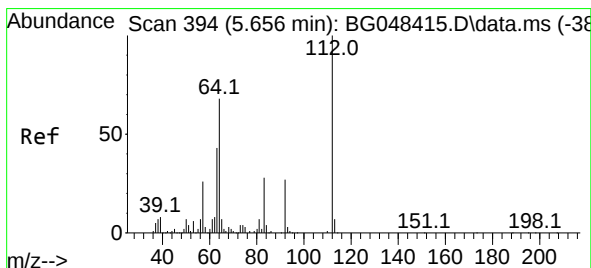
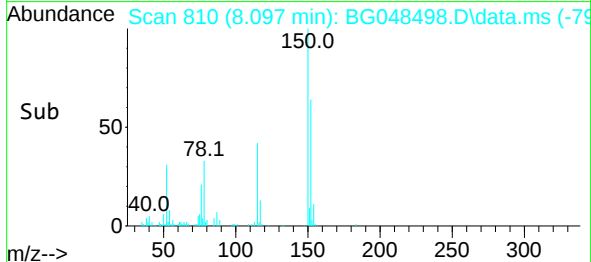
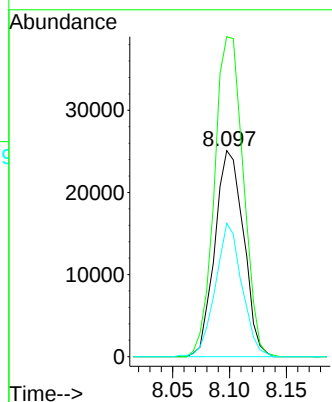
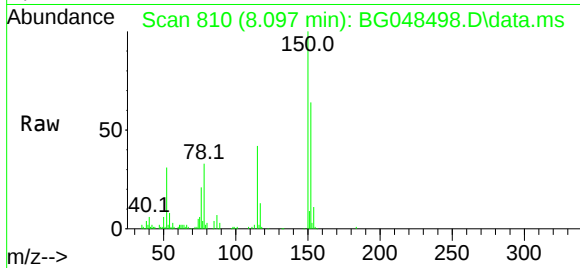




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.097 min Scan# 810
Delta R.T. -0.006 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

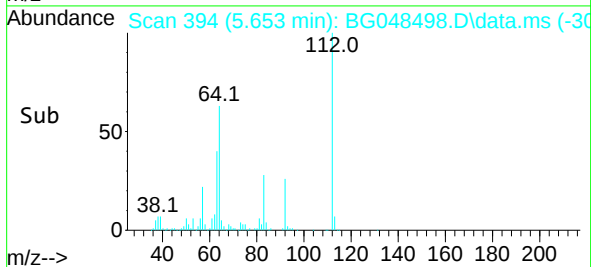
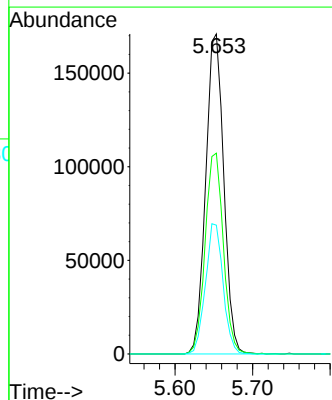
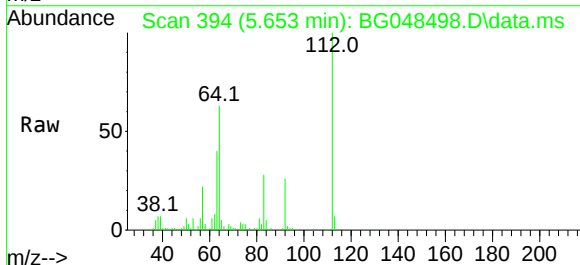
Instrument :
BNA_G
ClientSampleId :
SB-3B1-(3.0-3.5)

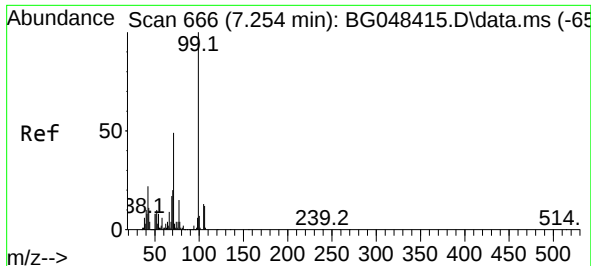
Tgt Ion:152 Resp: 44069
Ion Ratio Lower Upper
152 100
150 155.2 125.0 187.6
115 64.7 41.8 62.6#



#5
2-Fluorophenol
Concen: 103.64 ng
RT: 5.653 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

Tgt Ion:112 Resp: 276180
Ion Ratio Lower Upper
112 100
64 62.7 46.7 70.1
63 40.3 22.8 34.2#

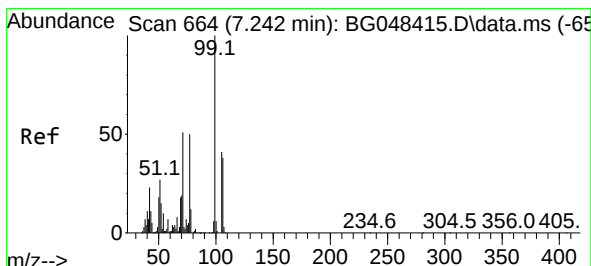
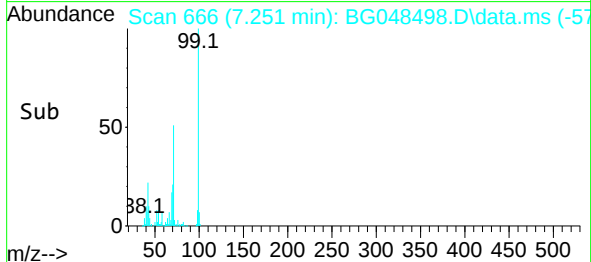
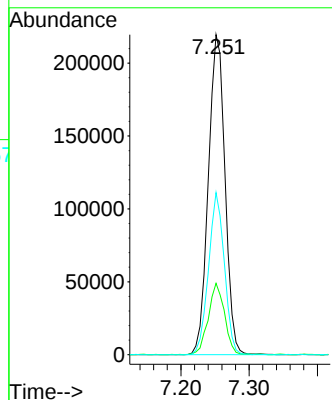
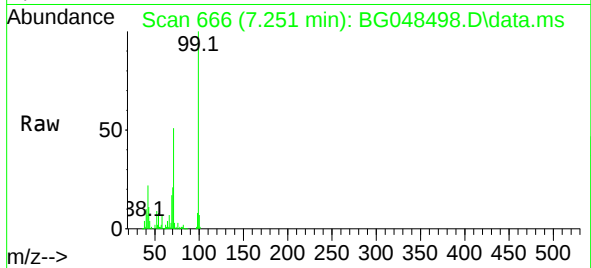




#7
Phenol-d6
Concen: 96.20 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

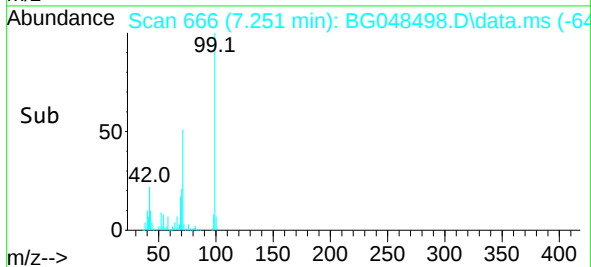
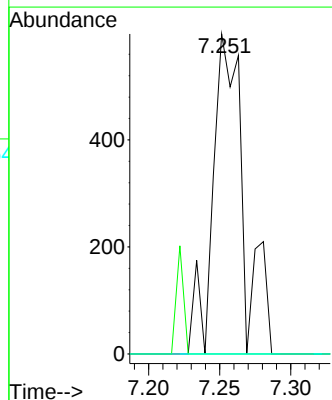
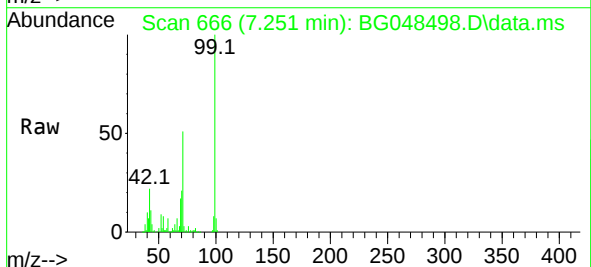
Instrument :
BNA_G
ClientSampleId :
SB-3B1-(3.0-3.5)

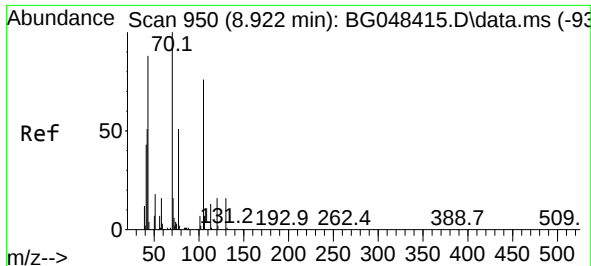
Tgt Ion: 99 Resp: 373031
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 50.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.012 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

Tgt Ion: 77 Resp: 906
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

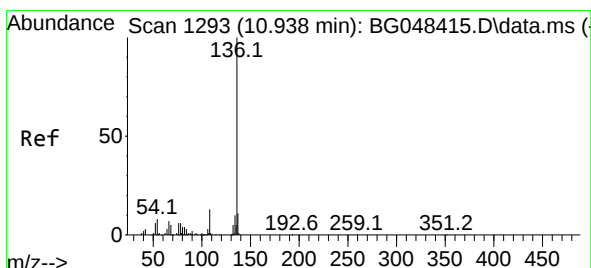
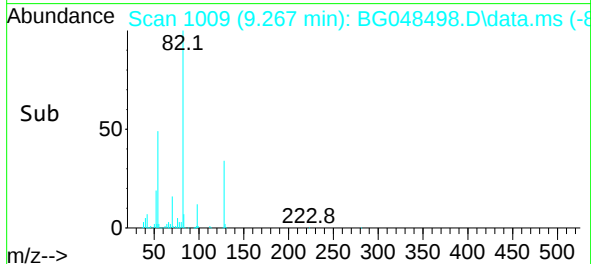
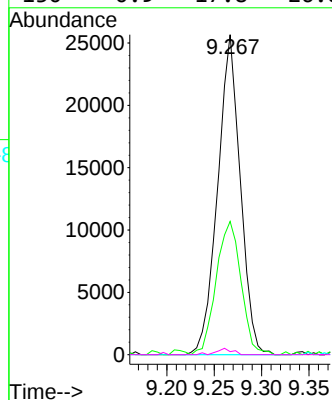
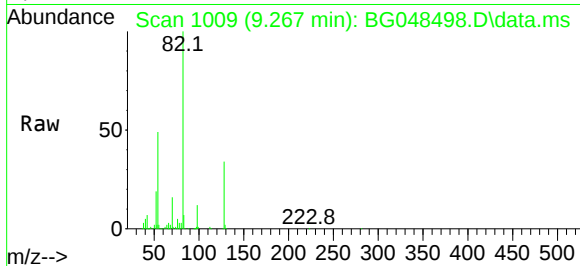




#19
n-Nitroso-di-n-propylamine
Concen: 14.81 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

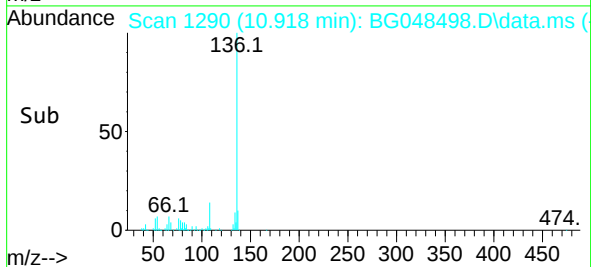
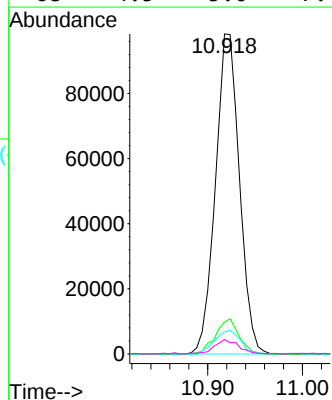
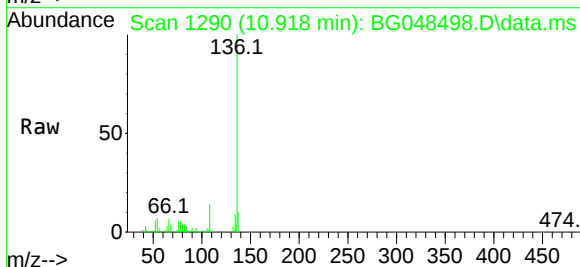
Instrument :
BNA_G
ClientSampleId :
SB-3B1-(3.0-3.5)

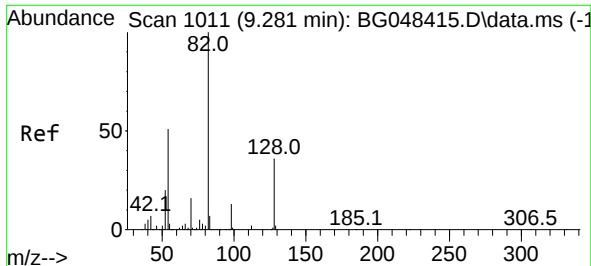
Tgt Ion: 70	Resp: 42632
Ion Ratio	Lower Upper
70 100	
42 41.6	45.6 68.4#
101 0.0	8.4 12.6#
130 0.9	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.011 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

Tgt Ion: 136	Resp: 172761
Ion Ratio	Lower Upper
136 100	
137 9.9	9.1 13.7
54 6.9	6.2 9.4
68 4.5	5.0 7.4#

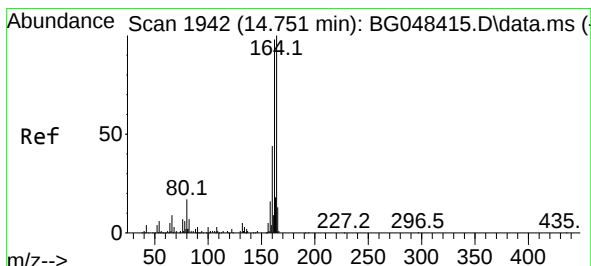
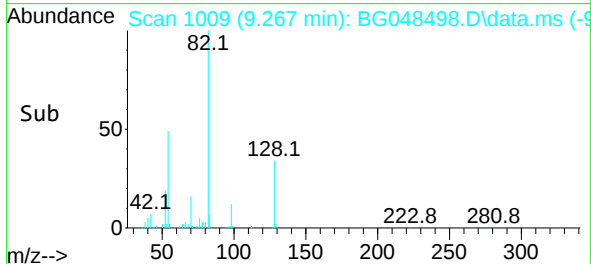
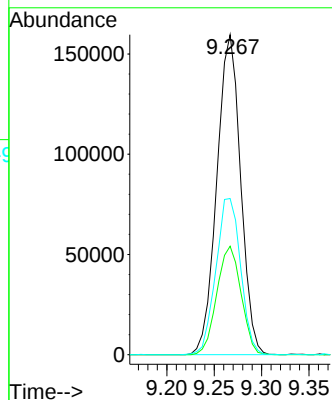
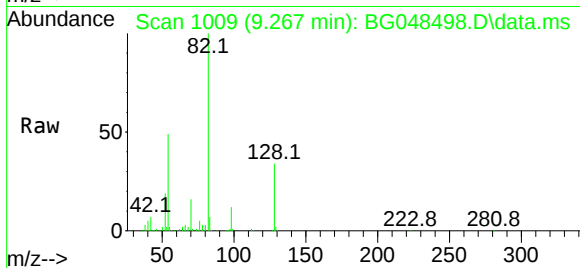




#23
Nitrobenzene-d5
Concen: 64.46 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

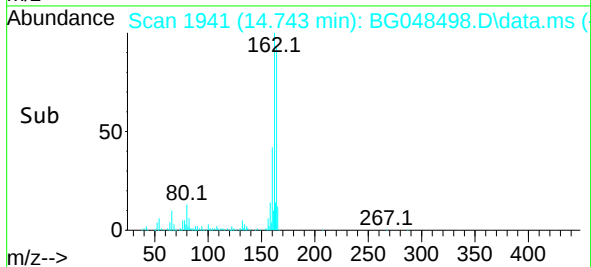
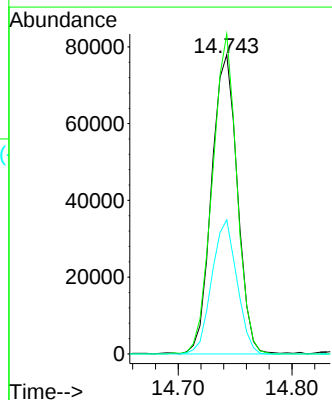
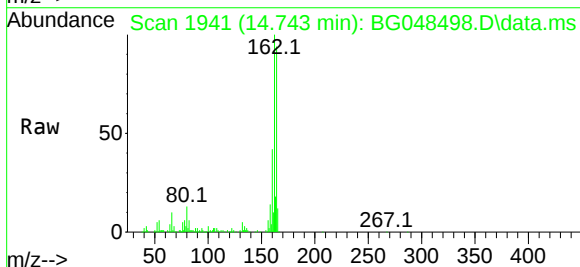
Instrument :
BNA_G
ClientSampleId :
SB-3B1-(3.0-3.5)

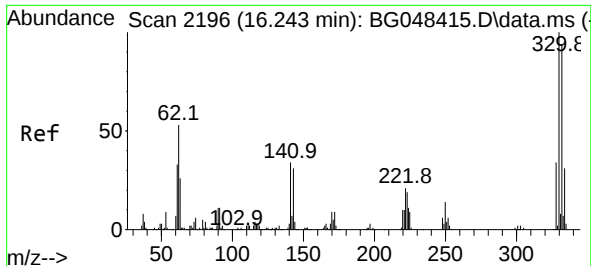
Tgt Ion: 82 Resp: 278503
Ion Ratio Lower Upper
82 100
128 33.9 37.0 55.6#
54 48.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

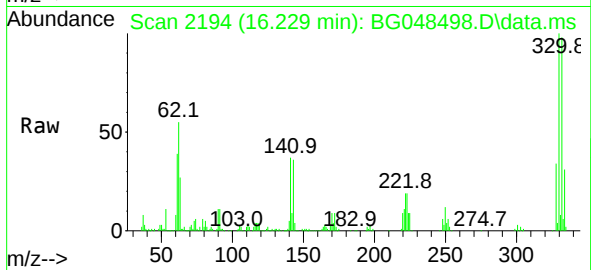
Tgt Ion:164 Resp: 122491
Ion Ratio Lower Upper
164 100
162 106.9 82.3 123.5
160 44.8 35.3 52.9



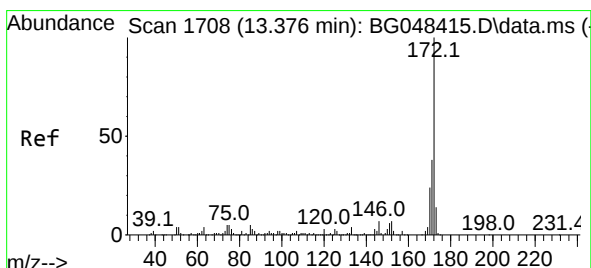
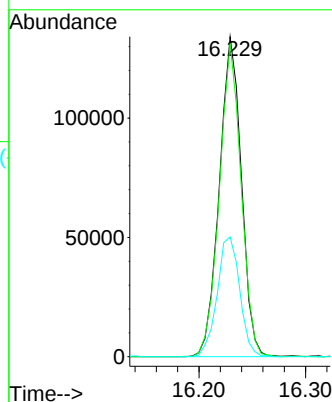
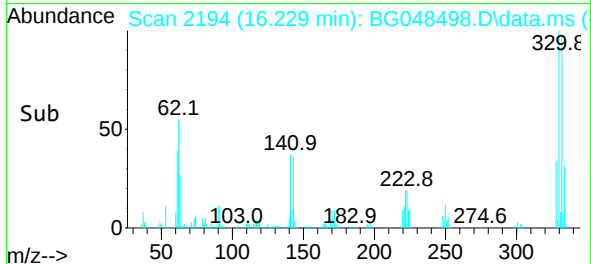


#42
2,4,6-Tribromophenol
Concen: 96.48 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

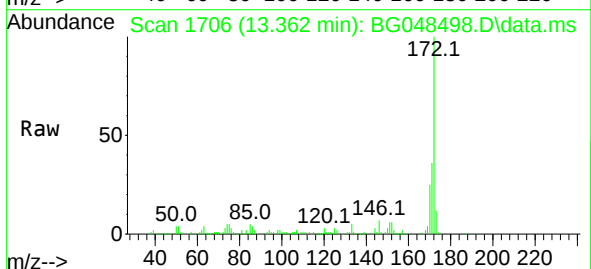
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BNA_G
ClientSampleId :
SB-3B1-(3.0-3.5)



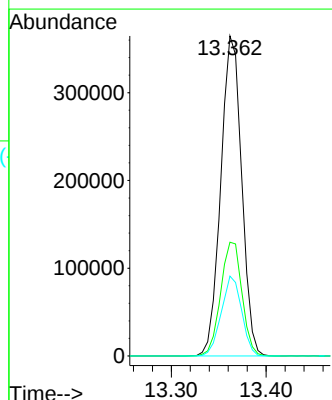
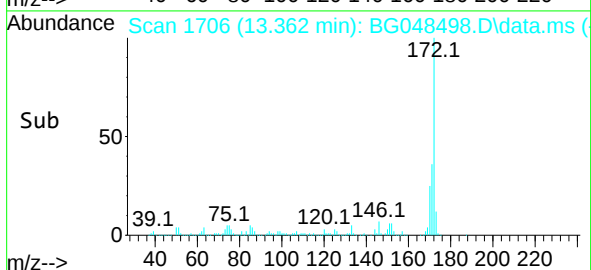
Tgt Ion:330 Resp: 192202
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 38.4 26.0 39.0

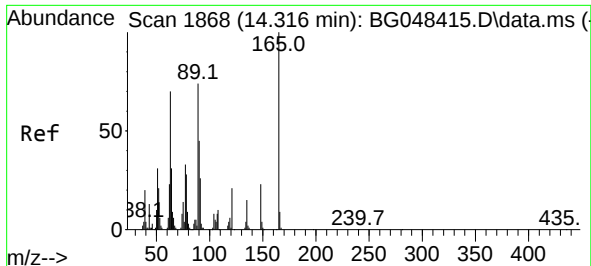


#45
2-Fluorobiphenyl
Concen: 65.47 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21



Tgt Ion:172 Resp: 557461
Ion Ratio Lower Upper
172 100
171 35.6 31.3 46.9
170 24.9 20.8 31.2

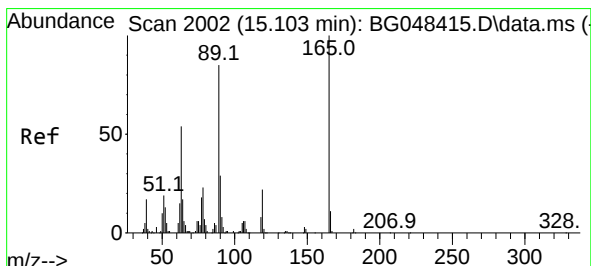
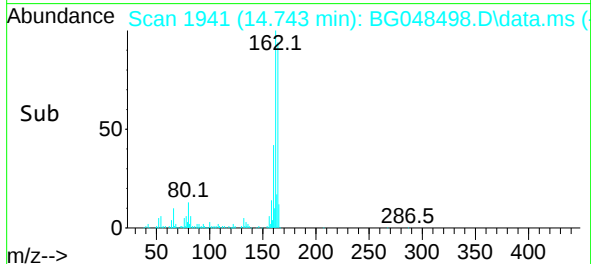
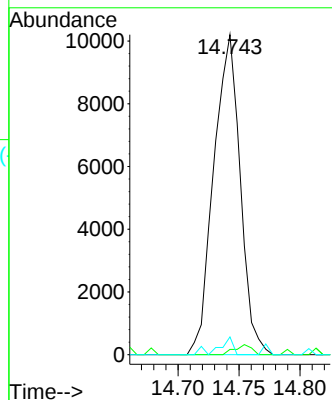
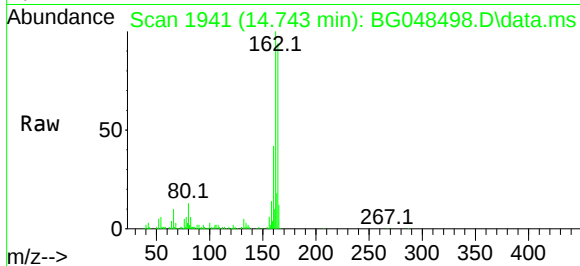




#51
2,6-Dinitrotoluene
Concen: 7.19 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

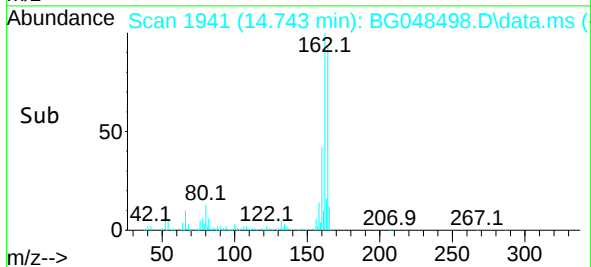
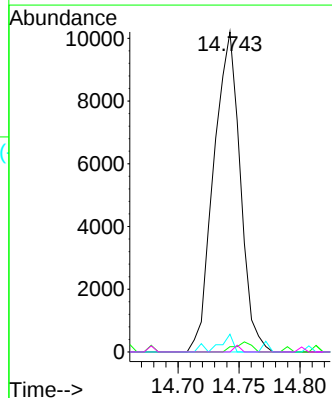
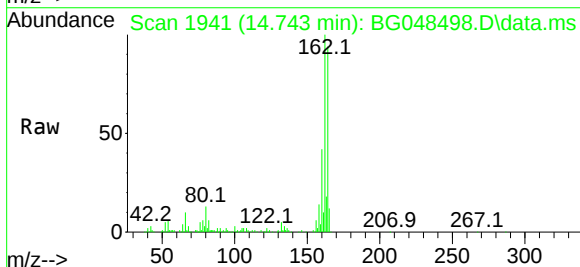
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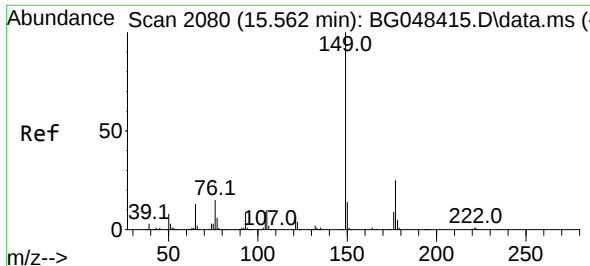
Tgt Ion:165 Resp: 15417
Ion Ratio Lower Upper
165 100
63 1.6 33.7 50.5#
89 5.5 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.06 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

Tgt Ion:165 Resp: 15417
Ion Ratio Lower Upper
165 100
63 1.6 26.4 39.6#
89 5.5 47.8 71.8#
182 0.0 2.6 4.0#

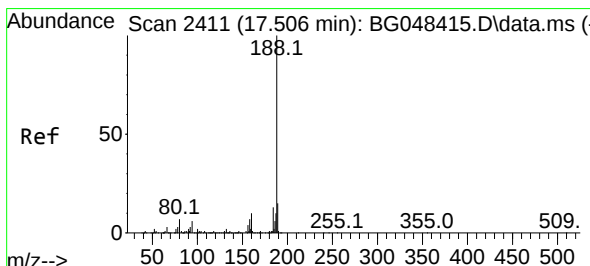
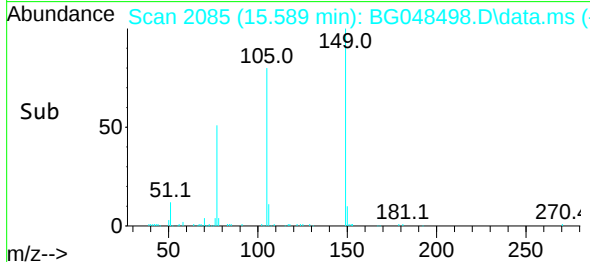
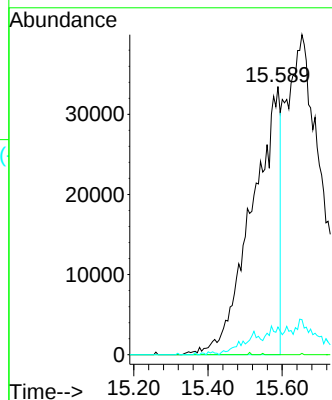
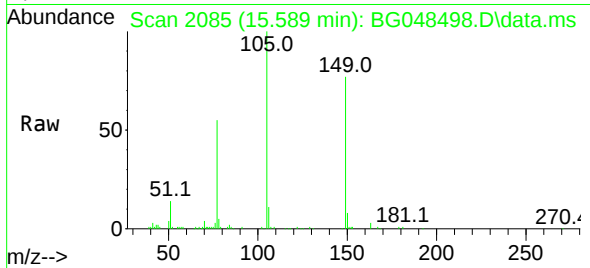




#60
Diethylphthalate
Concen: 18.11 ng
RT: 15.589 min Scan# 2085
Delta R.T. 0.030 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

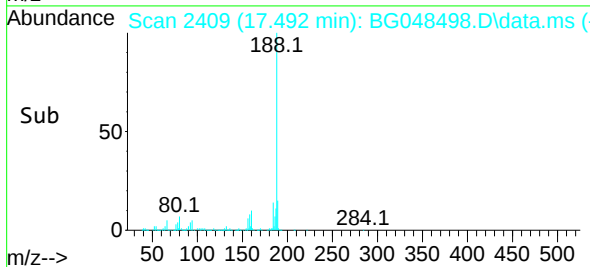
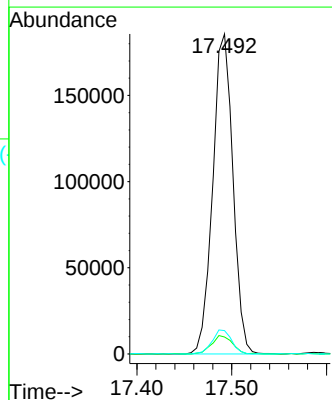
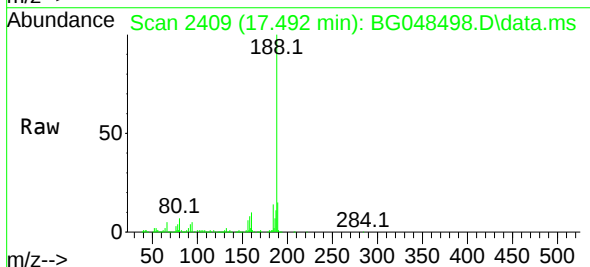
Instrument :
BNA_G
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SB-3B1-(3.0-3.5)

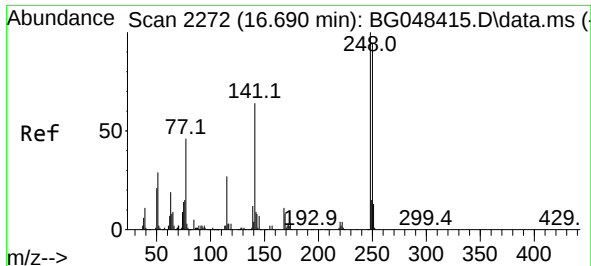
Tgt Ion:149 Resp: 176493
Ion Ratio Lower Upper
149 100
177 0.0 21.4 32.2#
150 10.3 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

Tgt Ion:188 Resp: 274716
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 7.3 7.0 10.6

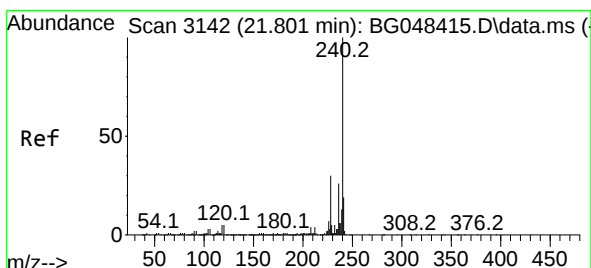
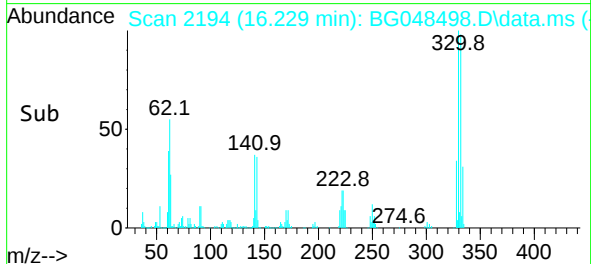
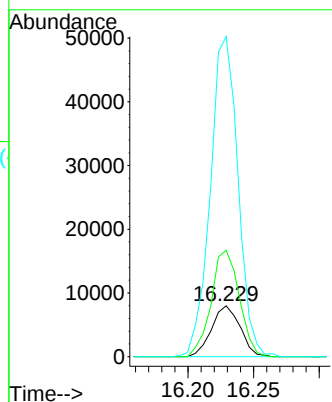
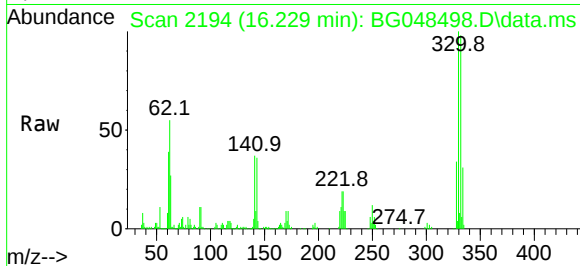




#67
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.452 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

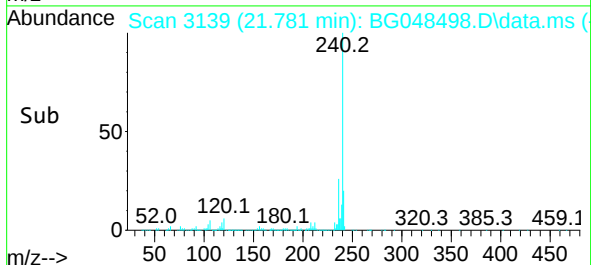
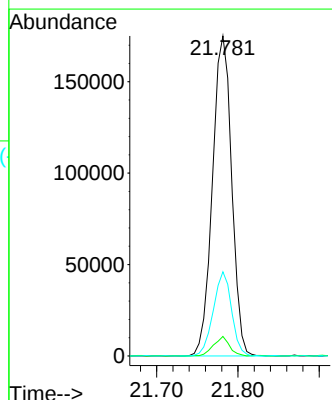
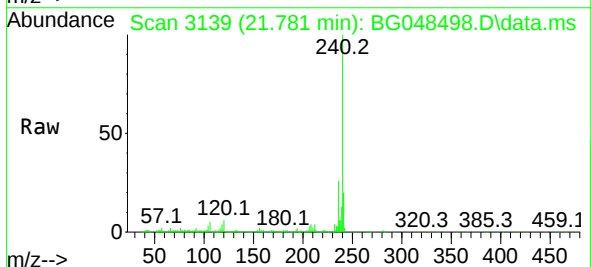
Instrument :
BNA_G
ClientSampled :
SB-3B1-(3.0-3.5)

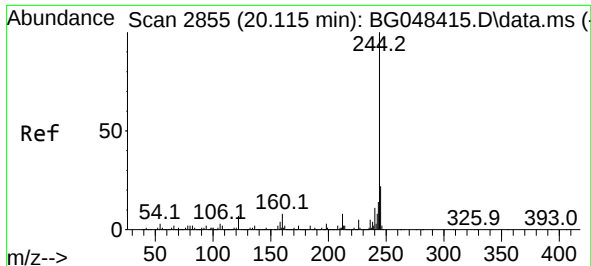
Tgt Ion:248 Resp: 12061
Ion Ratio Lower Upper
248 100
250 209.0 78.9 118.3#
141 628.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048498.D
Acq: 25 Mar 2021 12:21

Tgt Ion:240 Resp: 287327
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 26.3 20.5 30.7

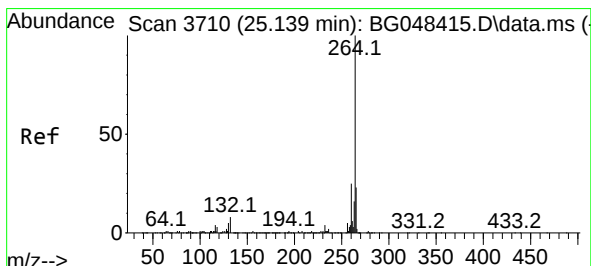
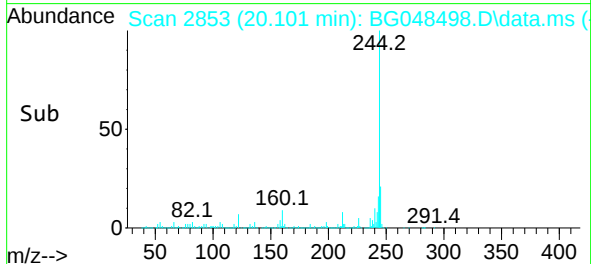
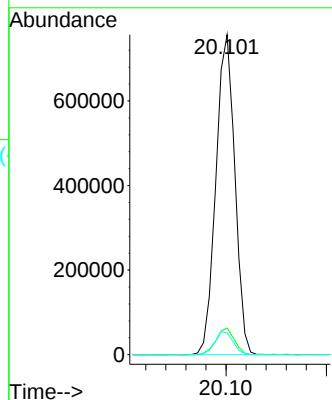
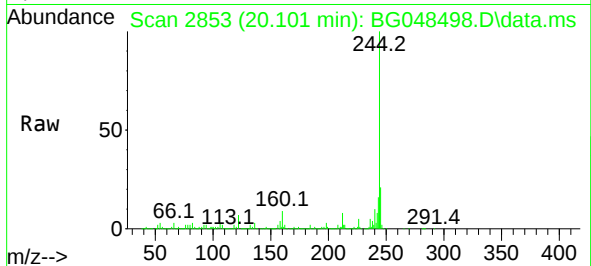




#79
 Terphenyl-d14
 Concen: 62.07 ng
 RT: 20.101 min Scan# 2853
 Delta R.T. -0.005 min
 Lab File: BG048498.D
 Acq: 25 Mar 2021 12:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-3B1-(3.0-3.5)

Tgt Ion:244 Resp: 988972
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 6.8 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: BG048498.D
 Acq: 25 Mar 2021 12:21

Tgt Ion:264 Resp: 308704
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 22.3 17.8 26.8

