

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048771.D
 Acq On : 19 Apr 2021 18:15
 Operator : CG/JU
 Sample : M2075-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-S

Quant Time: Apr 20 05:25:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

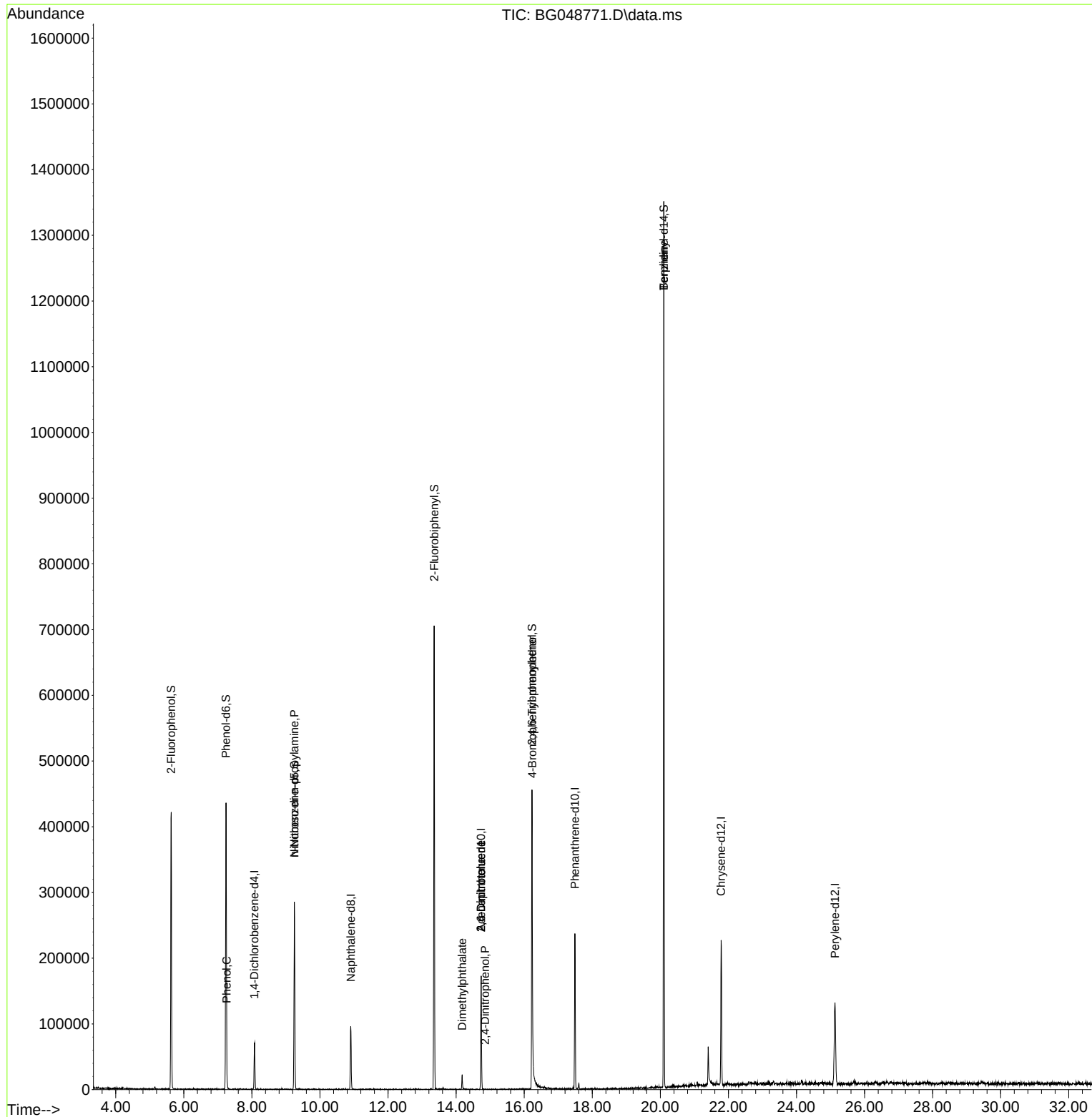
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	17674	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	77051	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	58521	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	147703	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	136006	20.00	ng	#-0.01
86) Perylene-d12	25.129	264	133289	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	166727	157.78	ng	0.00
7) Phenol-d6	7.239	99	209654	140.26	ng	0.00
23) Nitrobenzene-d5	9.248	82	154787	89.94	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	86982	110.86	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	337206	83.21	ng	0.00
79) Terphenyl-d14	20.100	244	608172	76.96	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.262	94	4316	2.94	ng	# 46
19) n-Nitroso-di-n-propyla...	9.248	70	25689	25.47	ng	# 73
50) Dimethylphthalate	14.178	163	12965	2.95	ng	# 98
51) 2,6-Dinitrotoluene	14.736	165	7775	7.68	ng	# 16
54) 2,4-Dinitrophenol	14.847	184	55	5.37	ng	# 8
57) 2,4-Dinitrotoluene	14.736	165	7775	5.29	ng	# 21
67) 4-Bromophenyl-phenylether	16.234	248	6151	3.62	ng	# 1
77) Benzidine	20.100	184	11711	3.17	ng	# 93

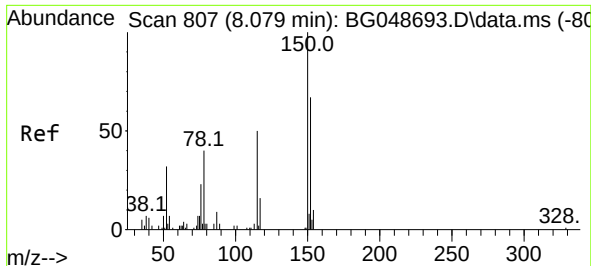
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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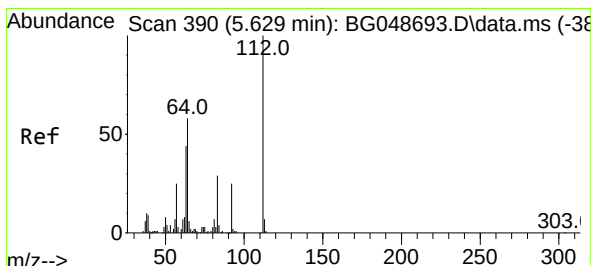
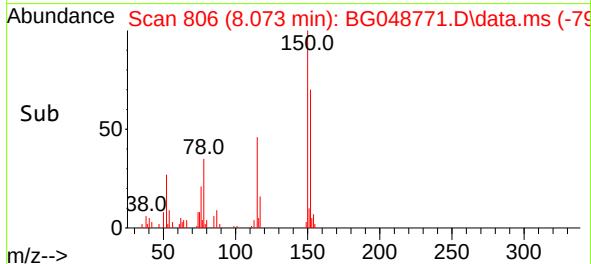
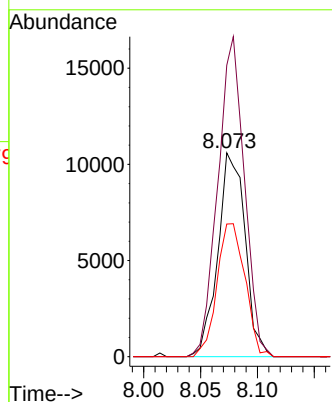
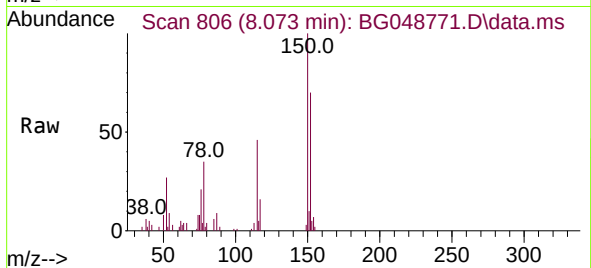




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

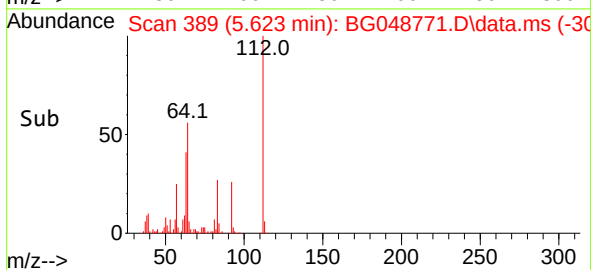
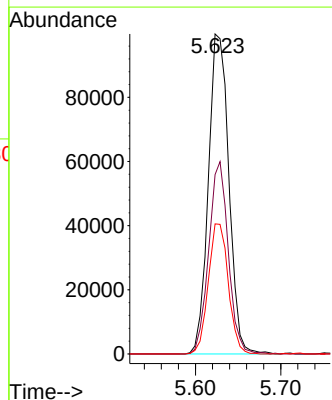
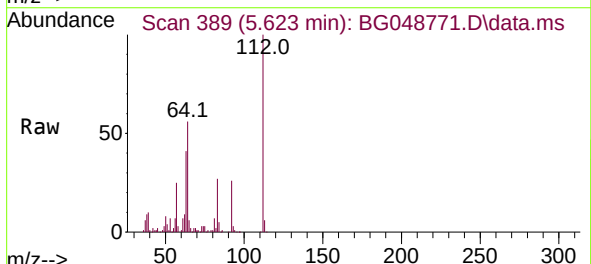
Instrument :
BNA_G
ClientSampleId :
TP-1-S

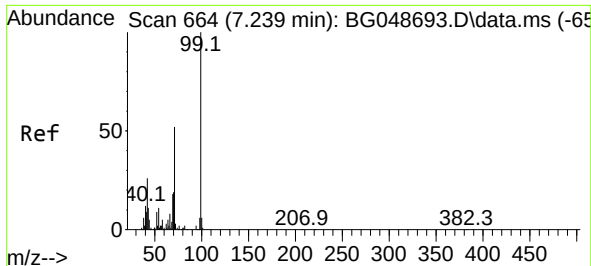
Tgt Ion:152 Resp: 17674
Ion Ratio Lower Upper
152 100
150 142.9 119.4 179.0
115 65.1 60.2 90.4



#5
2-Fluorophenol
Concen: 157.78 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

Tgt Ion:112 Resp: 166727
Ion Ratio Lower Upper
112 100
64 56.0 46.7 70.1
63 40.6 35.3 52.9

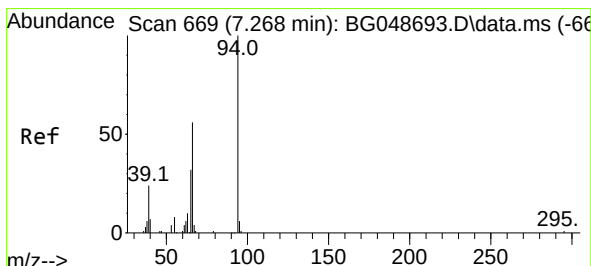
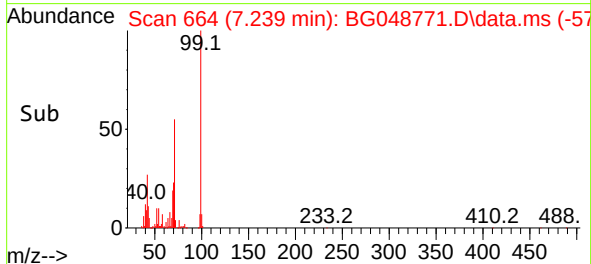
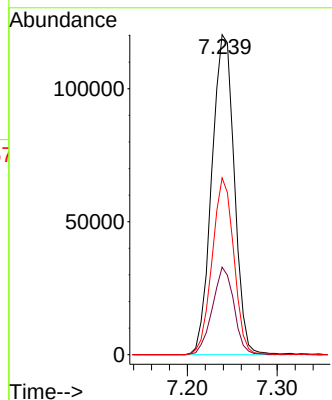
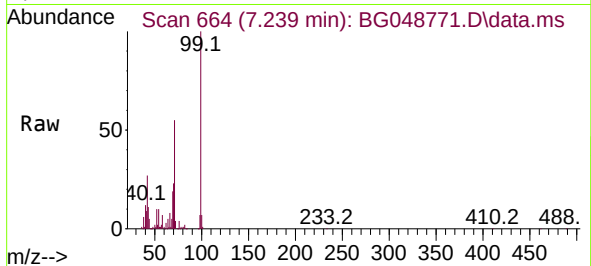




#7
Phenol-d6
Concen: 140.26 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

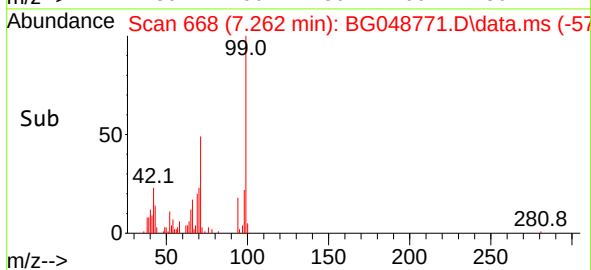
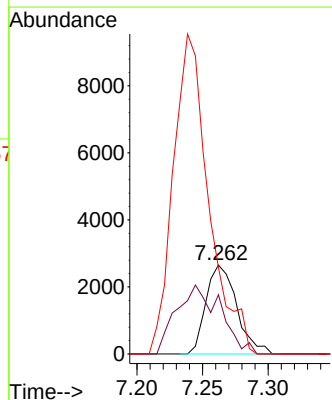
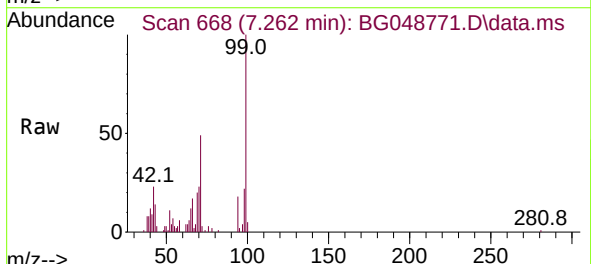
Instrument :
BNA_G
ClientSampleId :
TP-1-S

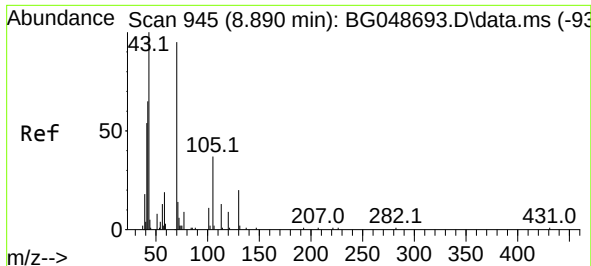
Tgt Ion: 99 Resp: 209654
Ion Ratio Lower Upper
99 100
42 27.3 20.5 30.7
71 55.3 41.5 62.3



#10
Phenol
Concen: 2.94 ng
RT: 7.262 min Scan# 668
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

Tgt Ion: 94 Resp: 4316
Ion Ratio Lower Upper
94 100
65 66.5 12.9 52.9#
66 97.2 39.4 79.4#

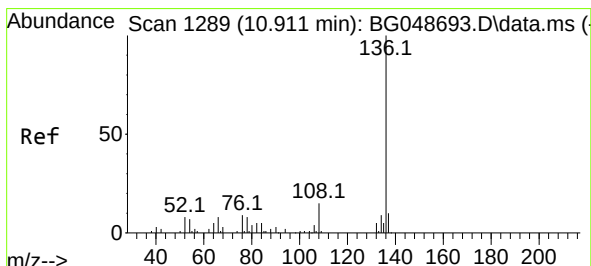
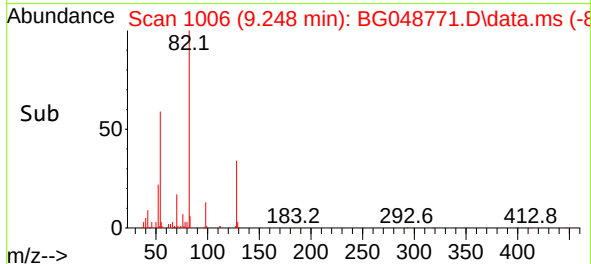
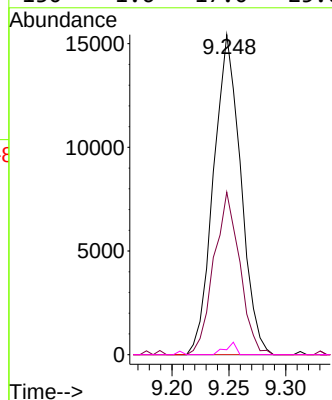
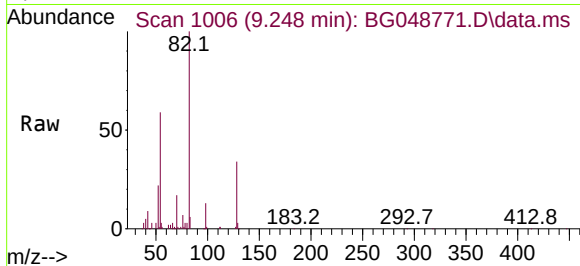




#19
n-Nitroso-di-n-propylamine
Concen: 25.47 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

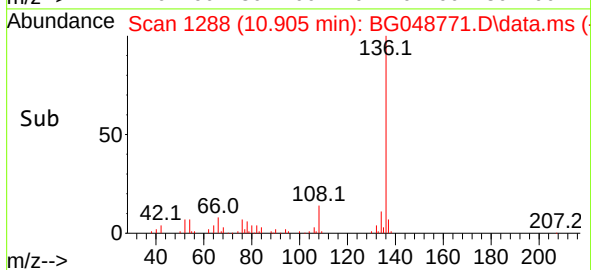
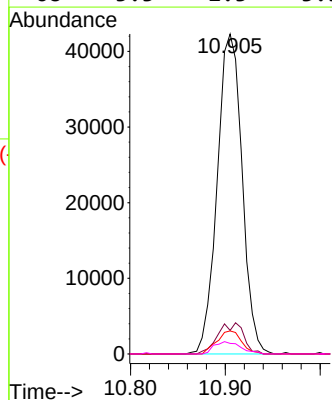
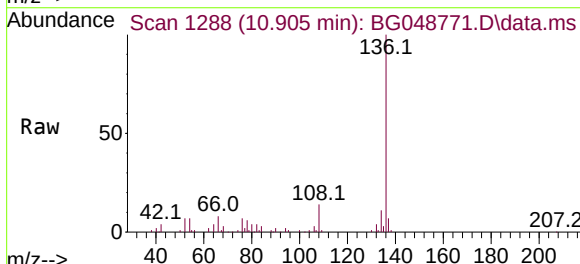
Instrument :
BNA_G
ClientSampled :
TP-1-S

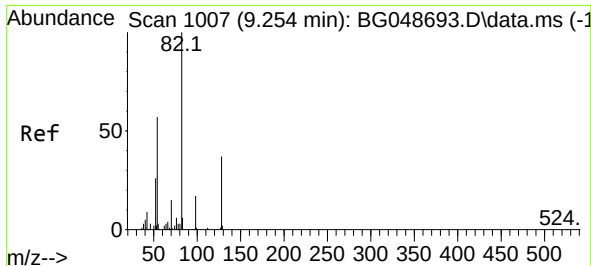
Tgt Ion: 70 Resp: 25689
Ion Ratio Lower Upper
70 100
42 50.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

Tgt Ion:136 Resp: 77051
Ion Ratio Lower Upper
136 100
137 7.4 8.2 12.2#
54 7.2 5.5 8.3
68 3.3 2.3 3.5

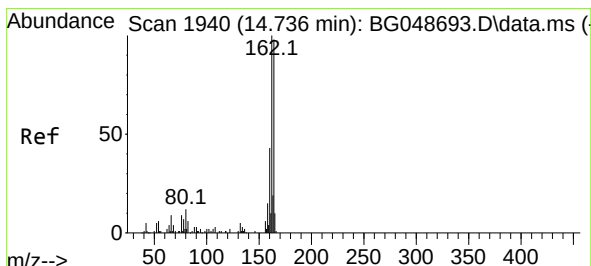
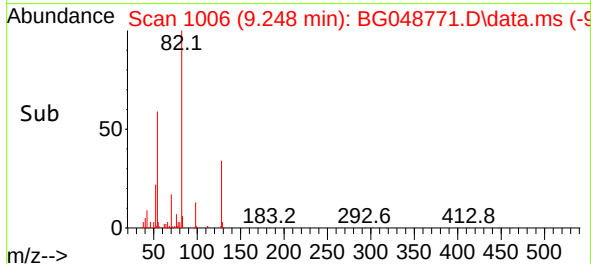
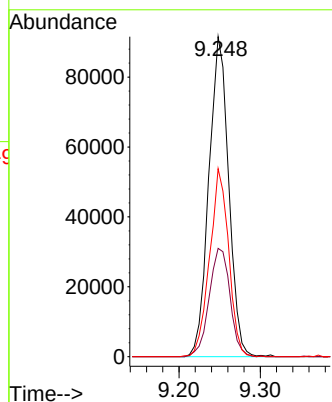
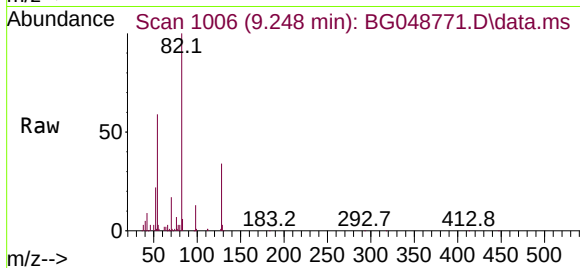




#23
Nitrobenzene-d5
Concen: 89.94 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

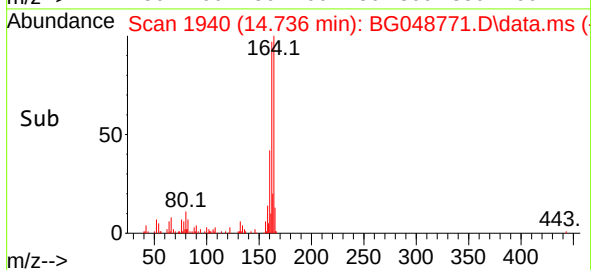
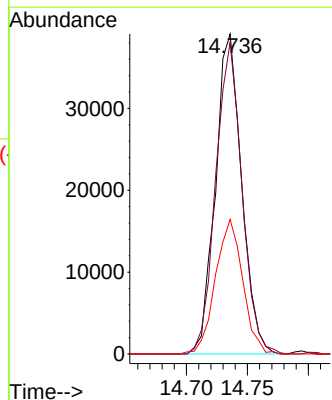
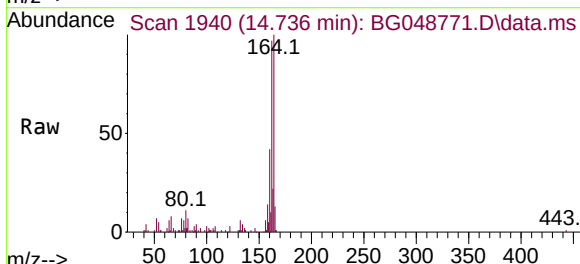
Instrument :
BNA_G
ClientSampleId :
TP-1-S

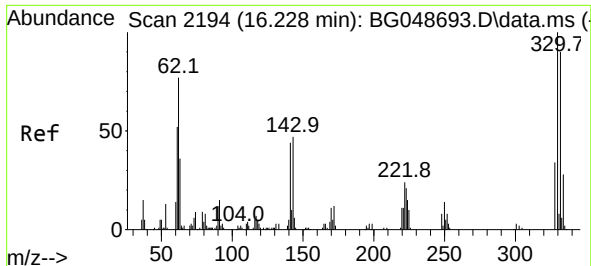
Tgt Ion: 82 Resp: 154787
Ion Ratio Lower Upper
82 100
128 33.9 29.8 44.6
54 58.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

Tgt Ion:164 Resp: 58521
Ion Ratio Lower Upper
164 100
162 97.4 81.4 122.0
160 42.1 34.9 52.3

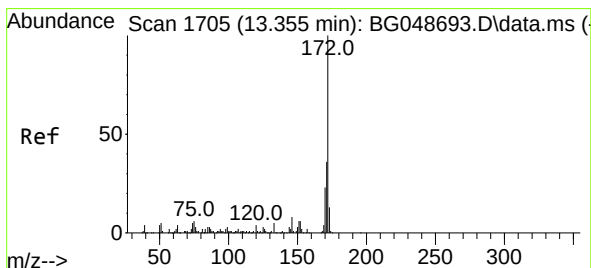
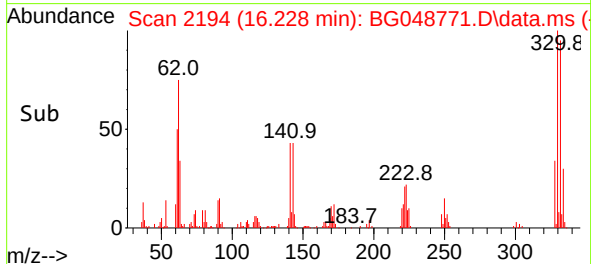
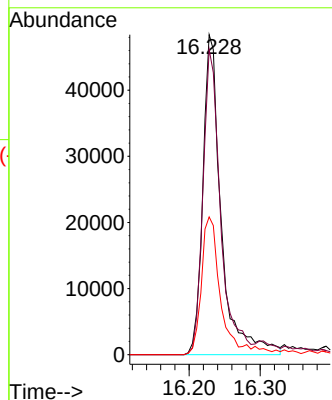
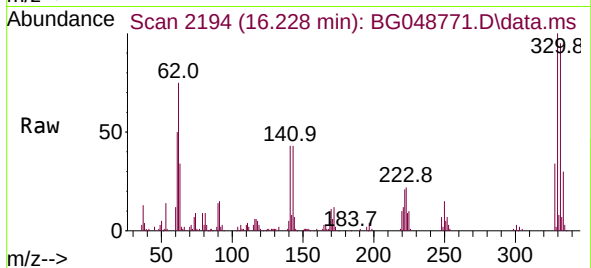




#42
2,4,6-Tribromophenol
Concen: 110.86 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

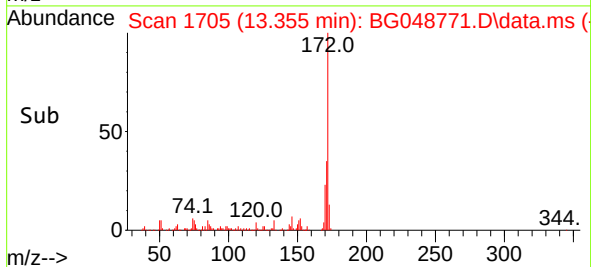
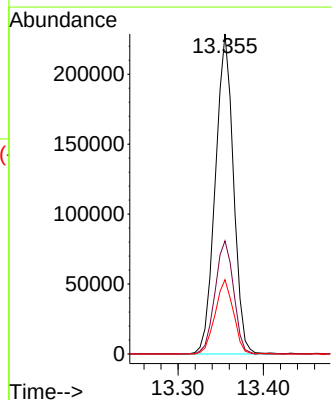
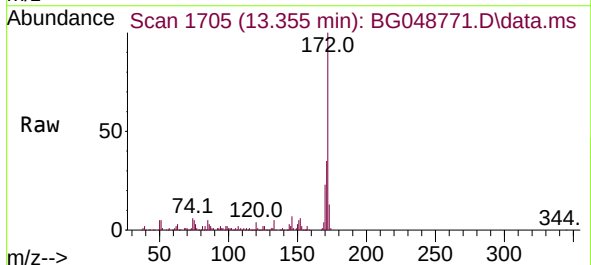
Instrument :
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ClientSampleId :
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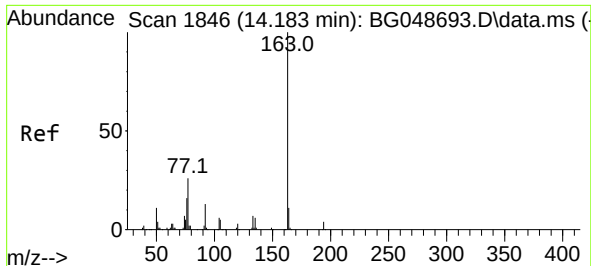
Tgt Ion:330 Resp: 86982
Ion Ratio Lower Upper
330 100
332 91.3 77.3 115.9
141 45.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 83.21 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

Tgt Ion:172 Resp: 337206
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.2 18.6 27.8

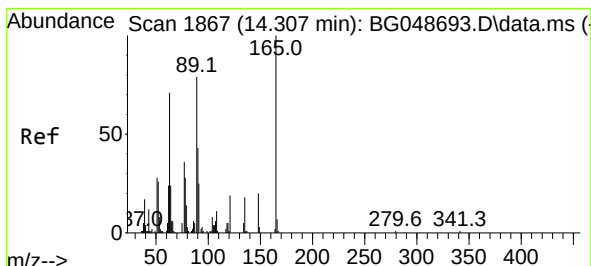
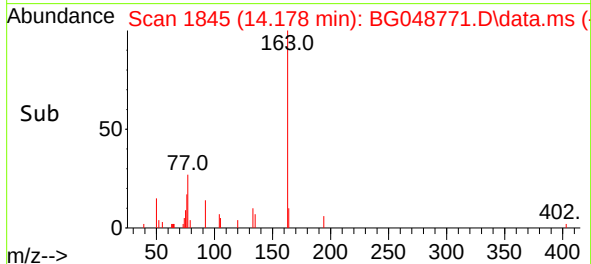
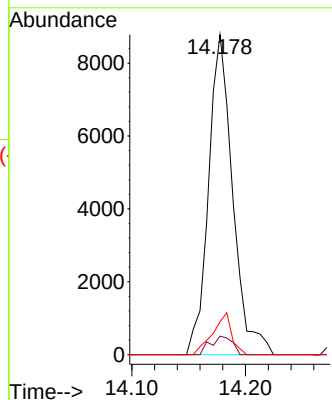
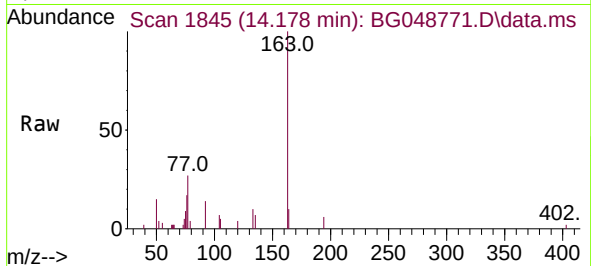




#50
Dimethylphthalate
Concen: 2.95 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

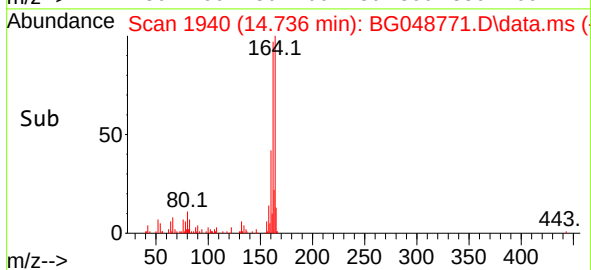
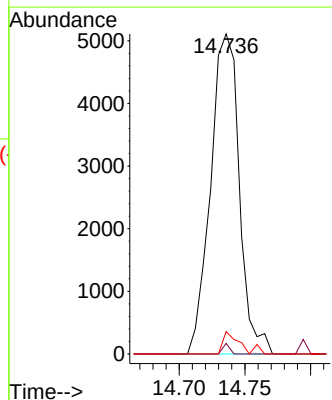
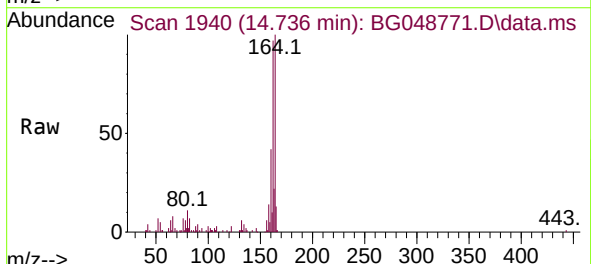
Instrument :
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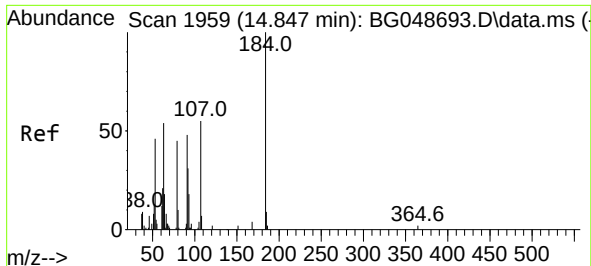
Tgt Ion:163 Resp: 12965
Ion Ratio Lower Upper
163 100
194 5.8 3.0 4.6#
164 10.3 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

Tgt Ion:165 Resp: 7775
Ion Ratio Lower Upper
165 100
63 3.3 63.3 94.9#
89 7.0 63.4 95.0#

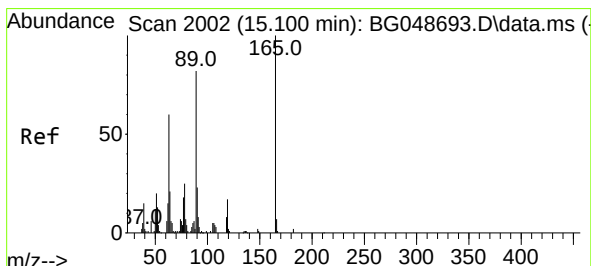
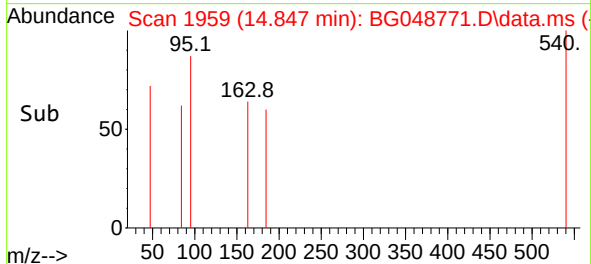
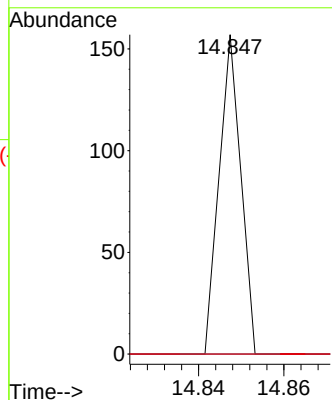
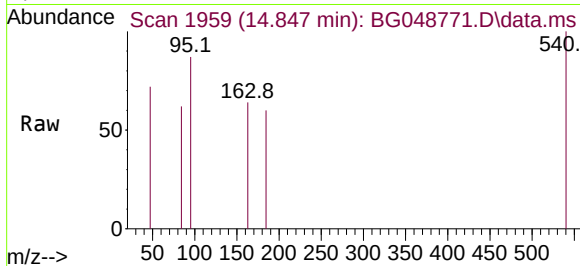




#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 14.847 min Scan# 1959
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

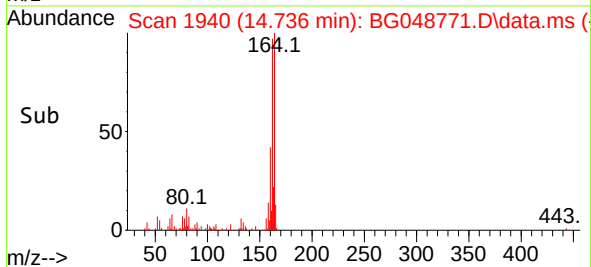
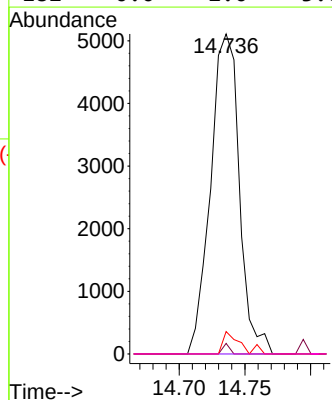
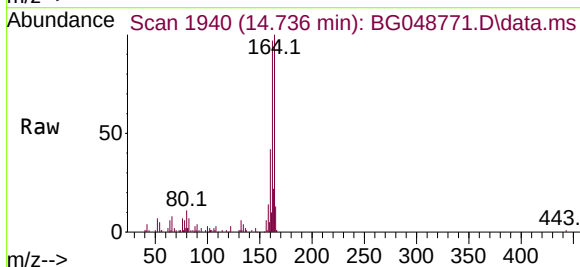
Instrument :
BNA_G
ClientSampleId :
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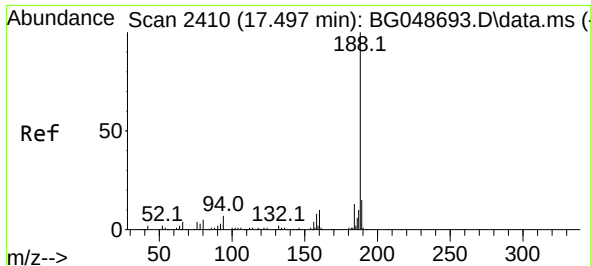
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

Tgt Ion:165 Resp: 7775
Ion Ratio Lower Upper
165 100
63 3.3 48.0 72.0#
89 7.0 65.4 98.0#
182 0.0 2.0 3.0#

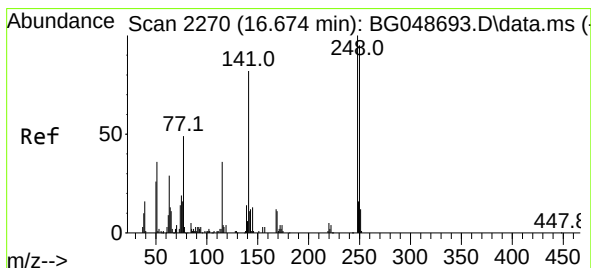
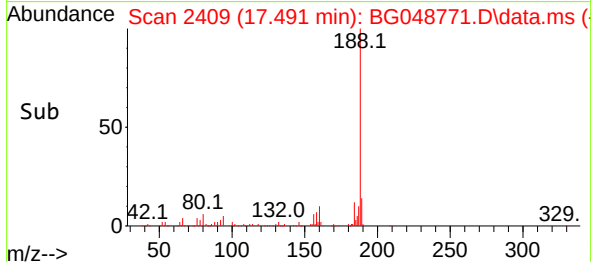
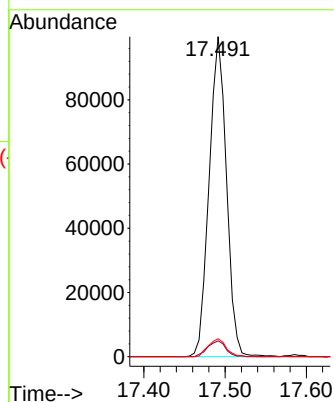
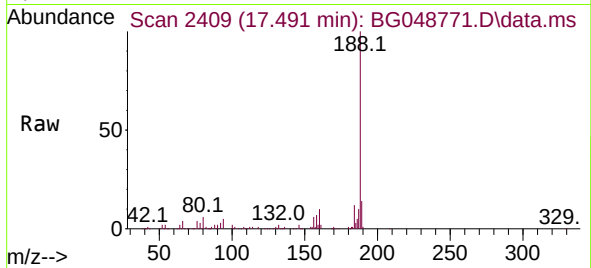




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

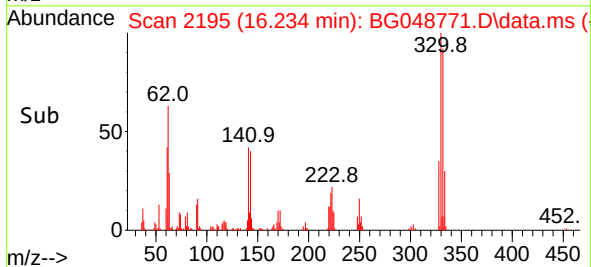
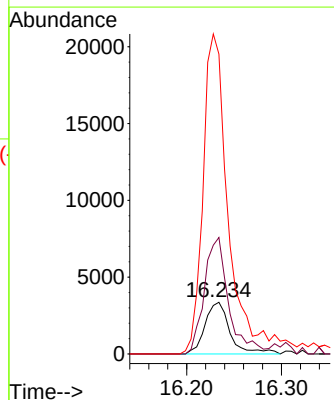
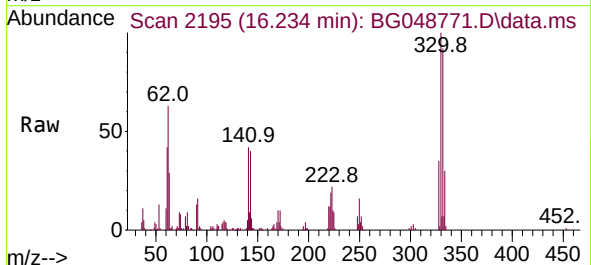
Instrument :
BNA_G
ClientSampleId :
TP-1-S

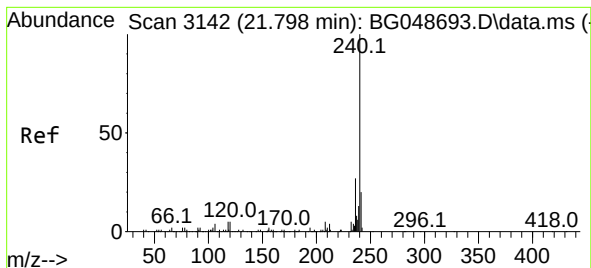
Tgt Ion:188 Resp: 147703
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 5.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.442 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

Tgt Ion:248 Resp: 6151
Ion Ratio Lower Upper
248 100
250 225.7 76.1 114.1#
141 580.6 65.4 98.2#

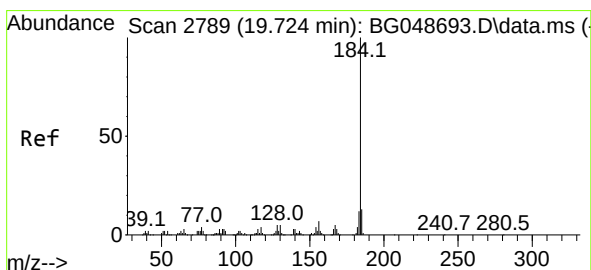
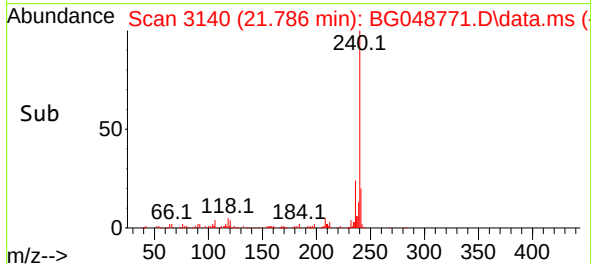
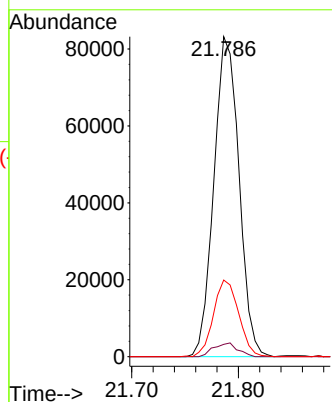
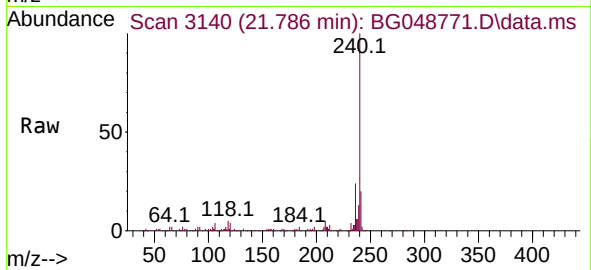




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

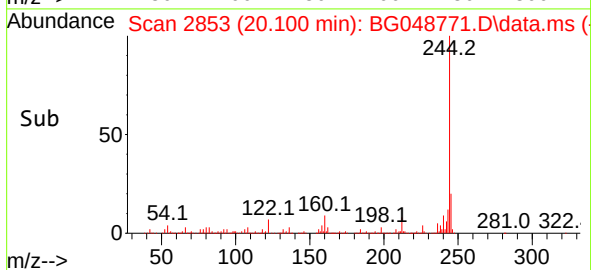
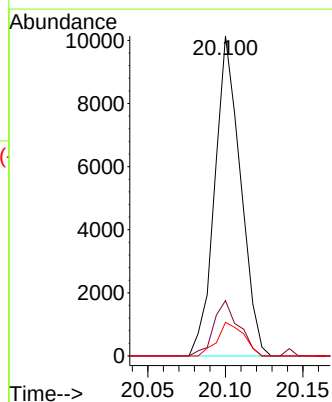
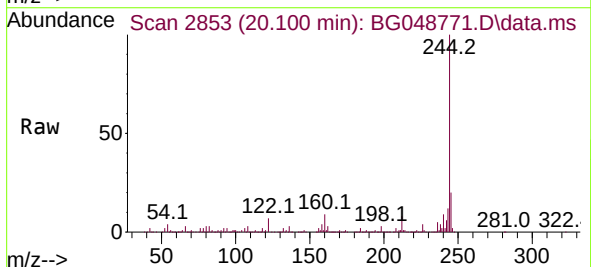
Instrument :
BNA_G
ClientSampleId :
TP-1-S

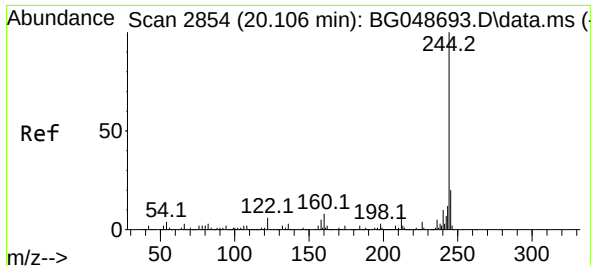
Tgt Ion:240 Resp: 136006
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 23.9 21.8 32.6



#77
Benzidine
Concen: 3.17 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048771.D
Acq: 19 Apr 2021 18:15

Tgt Ion:184 Resp: 11711
Ion Ratio Lower Upper
184 100
185 17.3 10.7 16.1#
183 10.5 9.4 14.0

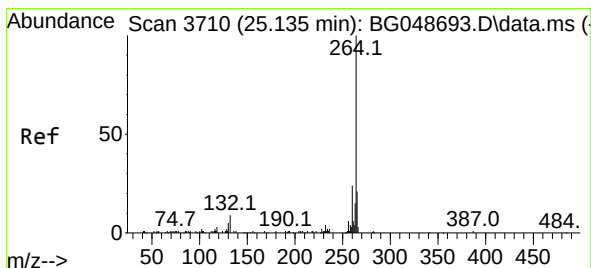
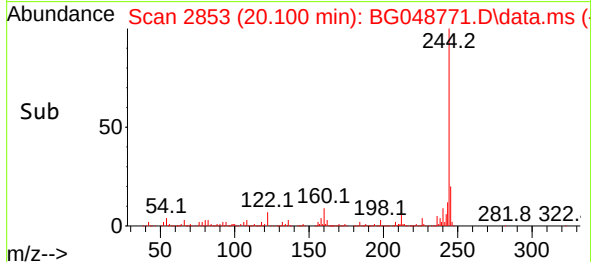
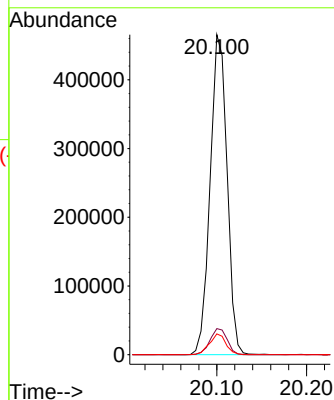
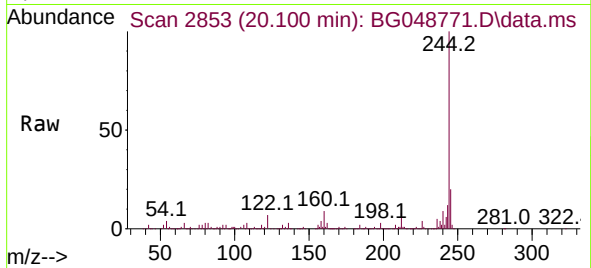




#79
 Terphenyl-d14
 Concen: 76.96 ng
 RT: 20.100 min Scan# 2853
 Delta R.T. -0.007 min
 Lab File: BG048771.D
 Acq: 19 Apr 2021 18:15

Instrument :
 BNA_G
 ClientSampled :
 TP-1-S

Tgt Ion:244 Resp: 608172
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 6.5 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.129 min Scan# 3709
 Delta R.T. -0.013 min
 Lab File: BG048771.D
 Acq: 19 Apr 2021 18:15

Tgt Ion:264 Resp: 133289
 Ion Ratio Lower Upper
 264 100
 260 19.6 19.4 29.2
 265 20.0 16.9 25.3

