

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
 Data File : BG048318.D
 Acq On : 3 Mar 2021 18:18
 Operator : CG/JU
 Sample : M1537-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-030221

Quant Time: Mar 03 23:57:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

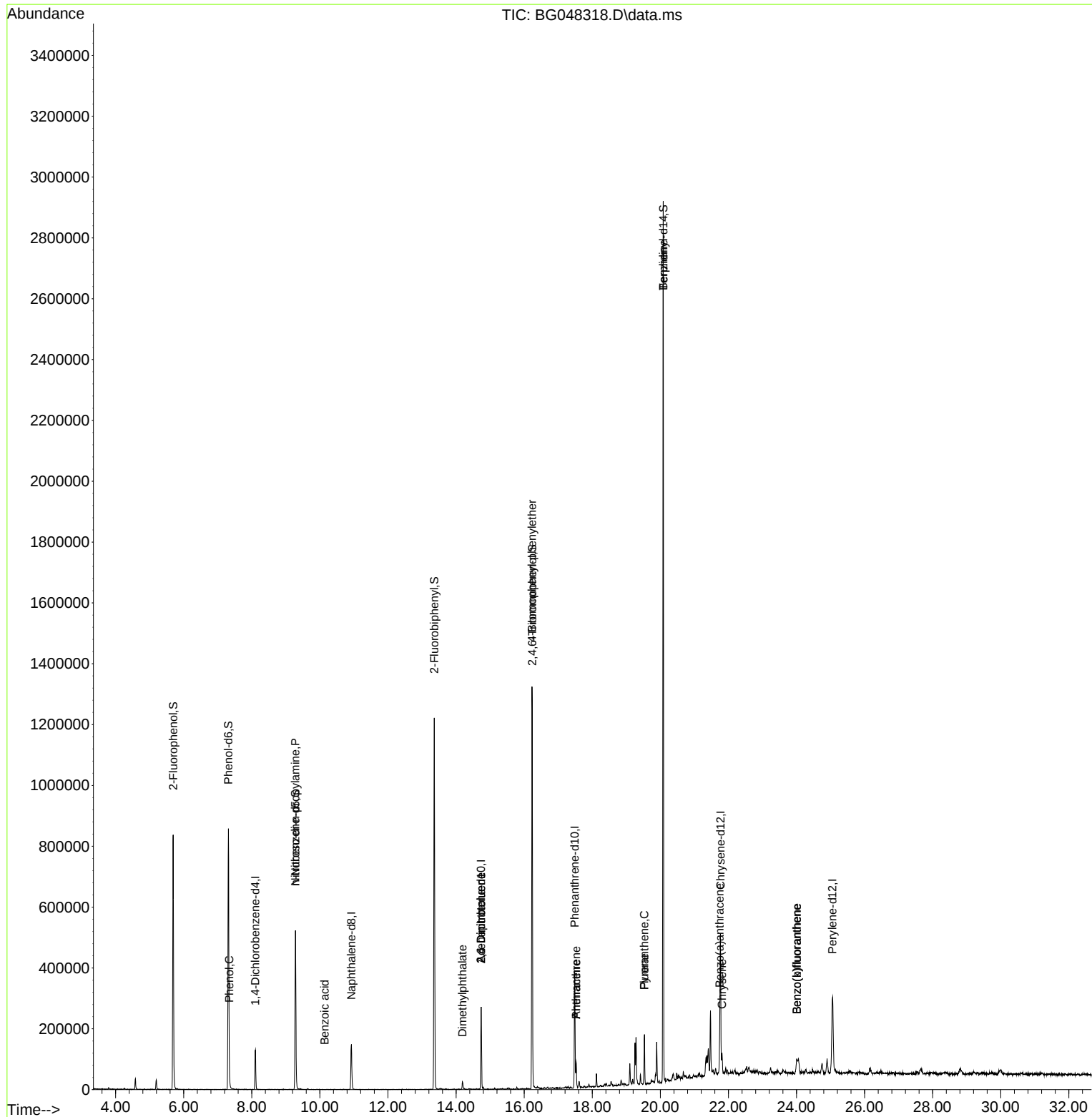
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	33867	20.00	ng	0.00
21) Naphthalene-d8	10.926	136	131808	20.00	ng	# 0.00
39) Acenaphthene-d10	14.733	164	99604	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	252769	20.00	ng	# 0.00
76) Chrysene-d12	21.766	240	282912	20.00	ng	# 0.00
86) Perylene-d12	25.057	264	283669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	325129	163.41	ng	0.00
7) Phenol-d6	7.313	99	453173	149.92	ng	0.00
23) Nitrobenzene-d5	9.281	82	333198	106.93	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	249789	156.79	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	682819	96.11	ng	0.00
79) Terphenyl-d14	20.086	244	1243241	80.30	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.336	94	9285	3.04	ng	# 17
19) n-Nitroso-di-n-propyla...	9.281	70	50870	21.80	ng	# 78
32) Benzoic acid	10.139	122	54	4.17	ng	# 1
50) Dimethylphthalate	14.187	163	20396	2.45	ng	98
51) 2,6-Dinitrotoluene	14.733	165	12605	6.73	ng	# 37
57) 2,4-Dinitrotoluene	14.733	165	12605	4.66	ng	# 35
67) 4-Bromophenyl-phenylether	16.232	248	17256	5.32	ng	# 1
71) Phenanthrene	17.530	178	52820	3.85	ng	# 93
72) Anthracene	17.530	178	52820	3.88	ng	94
75) Fluoranthene	19.534	202	101525	5.68	ng	93
77) Benzidine	20.086	184	25005	2.71	ng	# 92
78) Pyrene	19.534	202	101525	5.14	ng	94
81) Benzo(a)anthracene	21.743	228	50839	2.58	ng	98
83) Chrysene	21.813	228	53370	2.83	ng	97
88) Benzo(b)fluoranthene	24.011	252	58625	2.99	ng	96
89) Benzo(k)fluoranthene	24.011	252	58625	3.13	ng	96

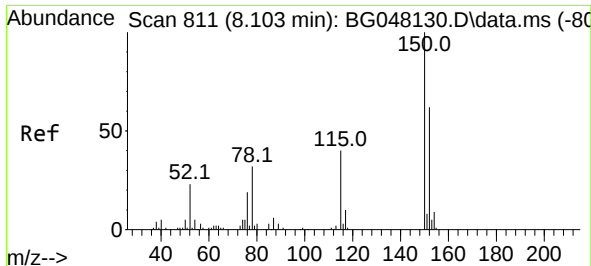
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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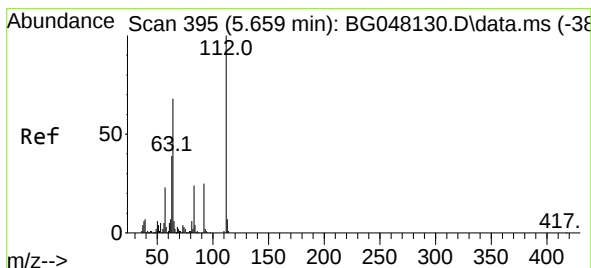
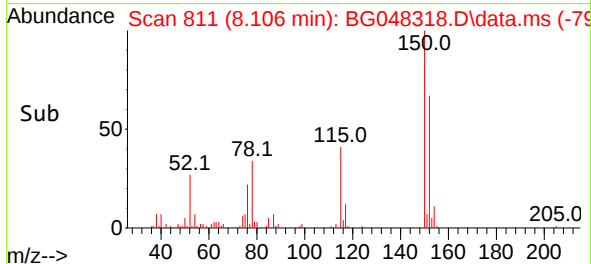
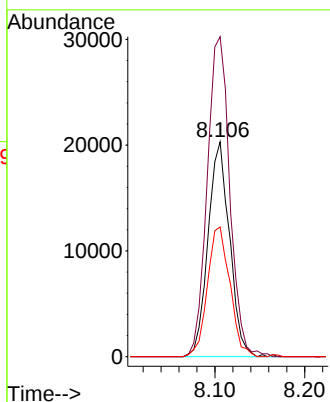
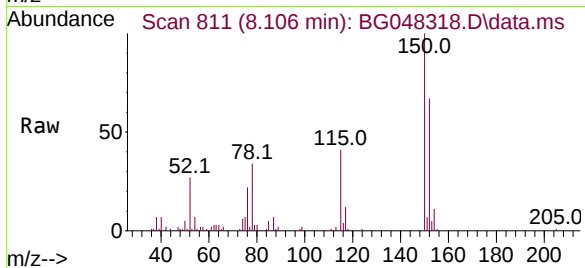




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 811
Delta R.T. 0.004 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

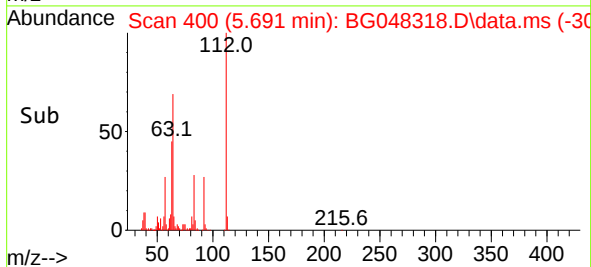
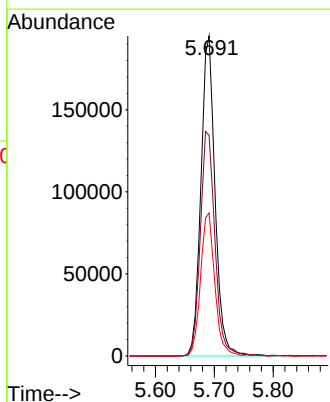
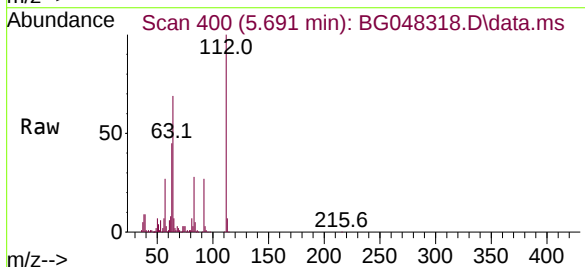
Instrument :
BNA_G
ClientSampleId :
BU-01-030221

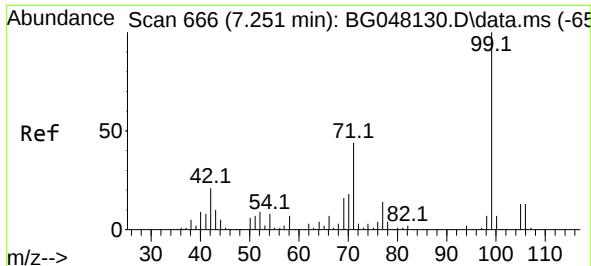
Tgt Ion:152 Resp: 33867
Ion Ratio Lower Upper
152 100
150 148.9 125.0 187.6
115 60.3 41.8 62.6



#5
2-Fluorophenol
Concen: 163.41 ng
RT: 5.691 min Scan# 400
Delta R.T. 0.004 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:112 Resp: 325129
Ion Ratio Lower Upper
112 100
64 68.9 46.7 70.1
63 44.7 22.8 34.2#

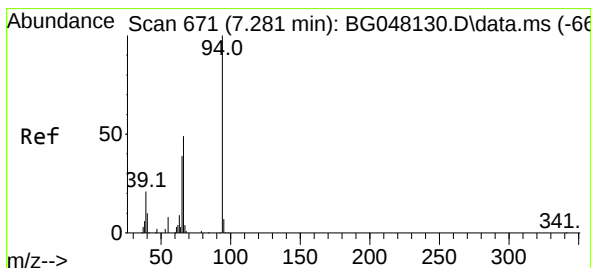
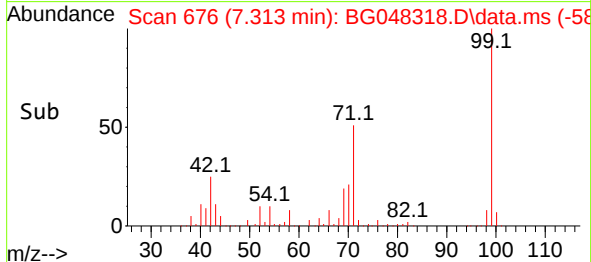
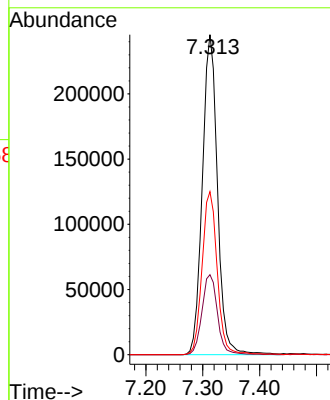
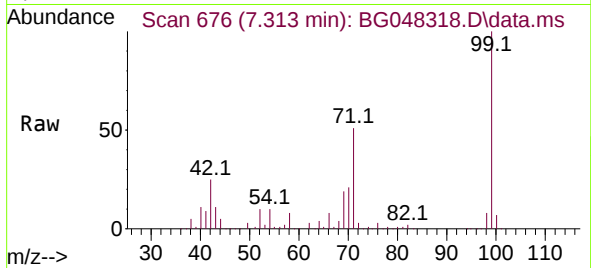




#7
Phenol-d6
Concen: 149.92 ng
RT: 7.313 min Scan# 676
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

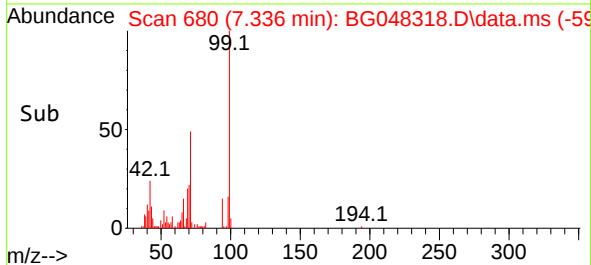
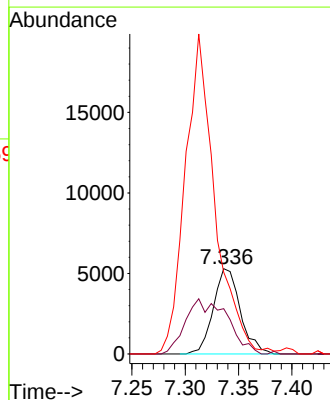
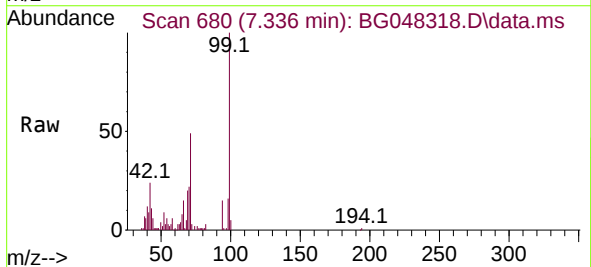
Instrument :
BNA_G
ClientSampleId :
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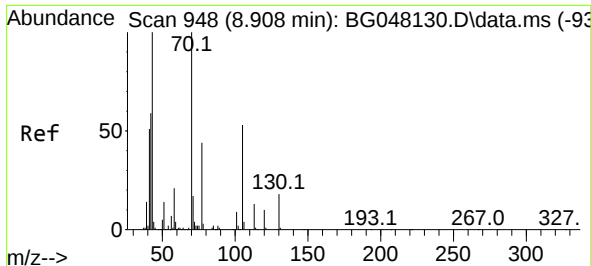
Tgt Ion: 99 Resp: 453173
Ion Ratio Lower Upper
99 100
42 25.0 12.8 19.2#
71 50.9 24.6 36.8#



#10
Phenol
Concen: 3.04 ng
RT: 7.336 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion: 94 Resp: 9285
Ion Ratio Lower Upper
94 100
65 53.1 6.6 46.6#
66 95.8 13.9 53.9#

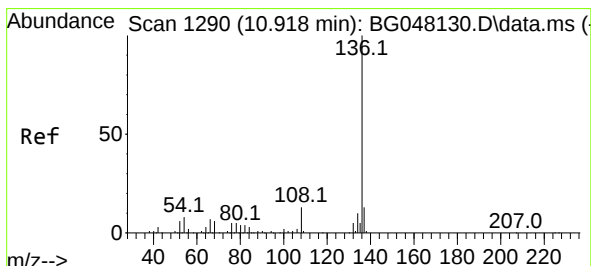
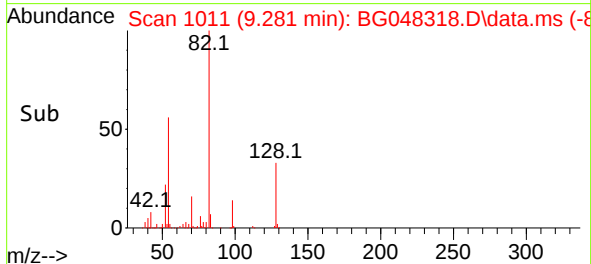
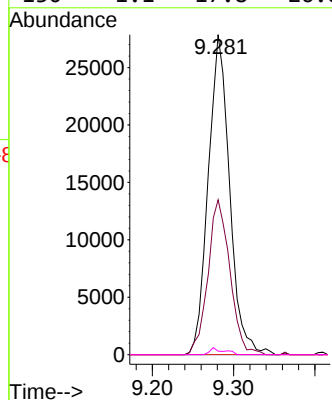
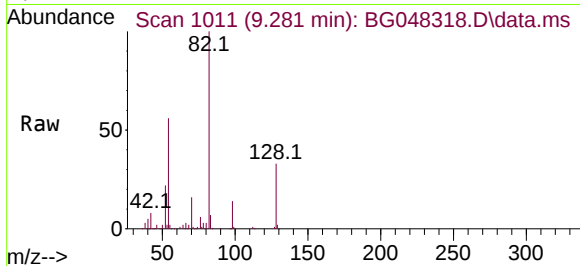




#19
n-Nitroso-di-n-propylamine
Concen: 21.80 ng
RT: 9.281 min Scan# 1011
Delta R.T. 0.362 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

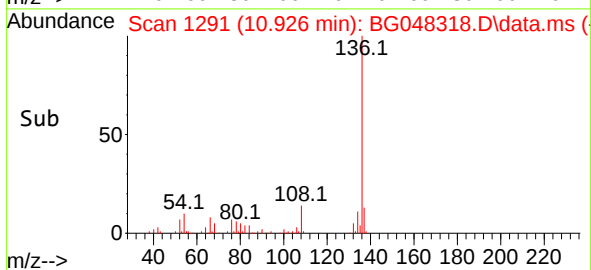
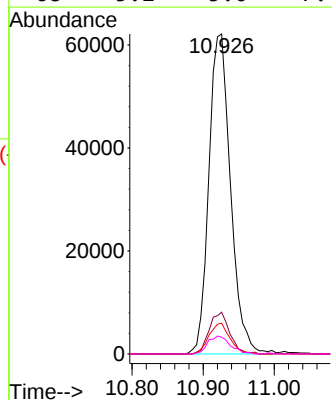
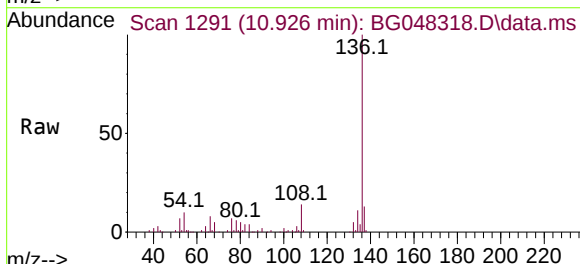
Instrument :
BNA_G
ClientSampleId :
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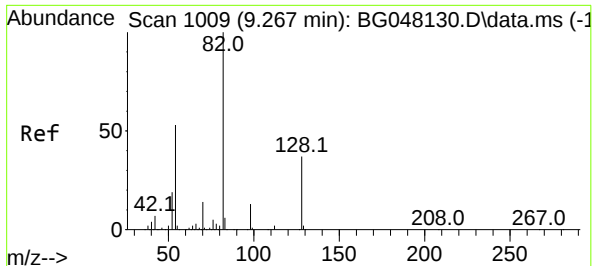
Tgt Ion: 70	Resp: 50870
Ion Ratio	Lower Upper
70 100	
42 48.4	45.6 68.4
101 0.0	8.4 12.6#
130 1.1	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.926 min Scan# 1291
Delta R.T. 0.004 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion: 136	Resp: 131808
Ion Ratio	Lower Upper
136 100	
137 13.1	9.1 13.7
54 9.6	6.2 9.4#
68 5.2	5.0 7.4

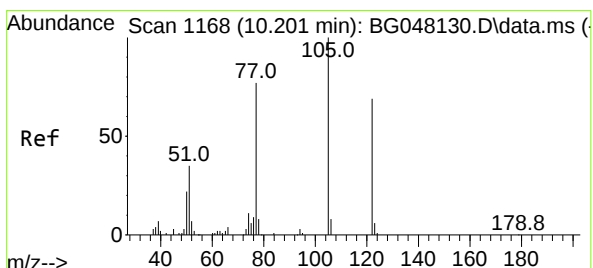
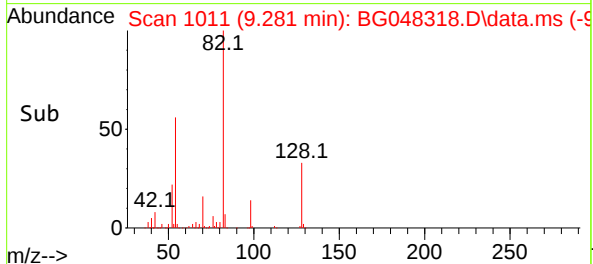
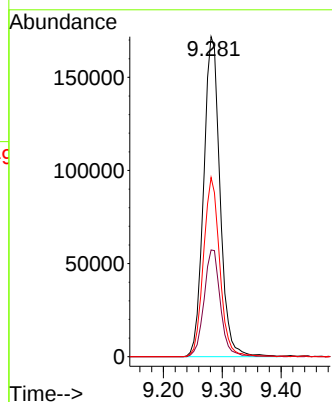
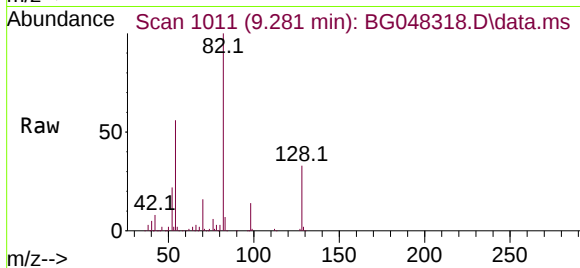




#23
Nitrobenzene-d5
Concen: 106.93 ng
RT: 9.281 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

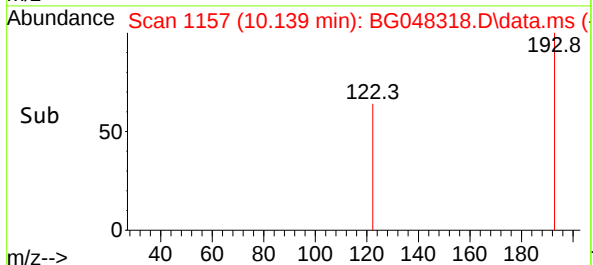
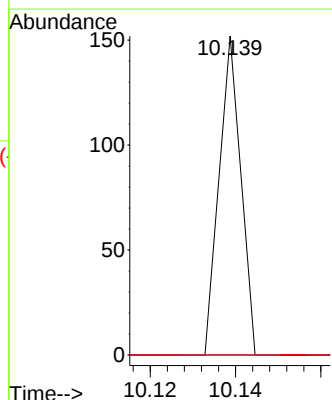
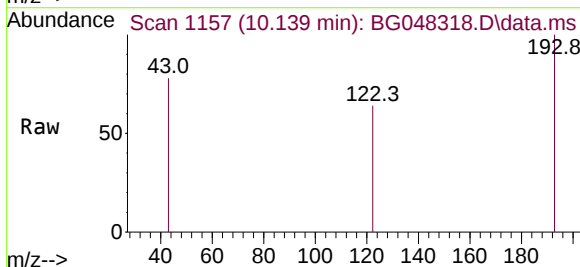
Instrument :
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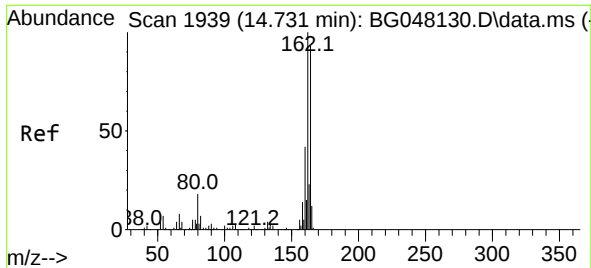
Tgt Ion: 82 Resp: 333198
Ion Ratio Lower Upper
82 100
128 33.4 37.0 55.6#
54 56.0 39.0 58.4



#32
Benzoic acid
Concen: 4.17 ng
RT: 10.139 min Scan# 1157
Delta R.T. -0.149 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

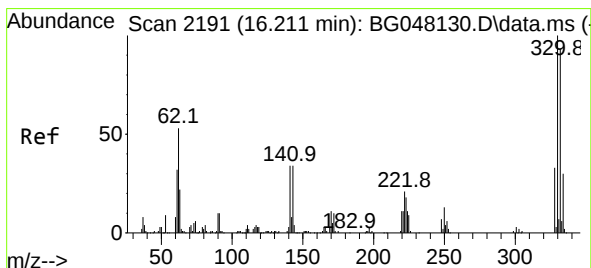
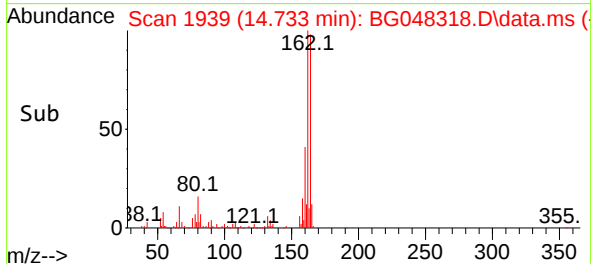
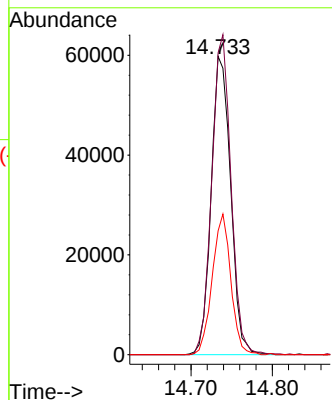
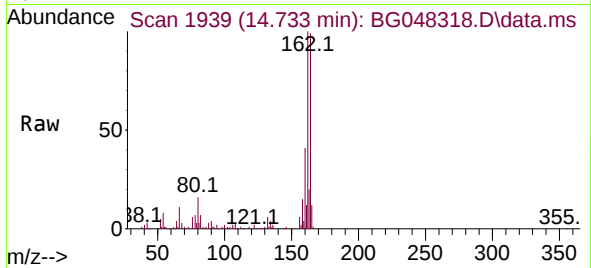




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

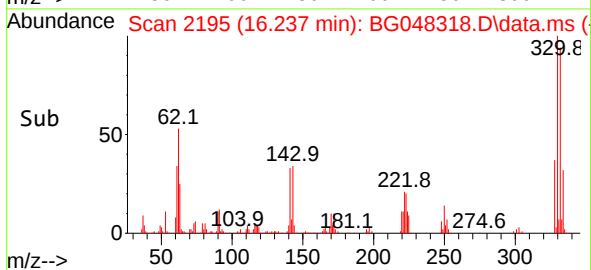
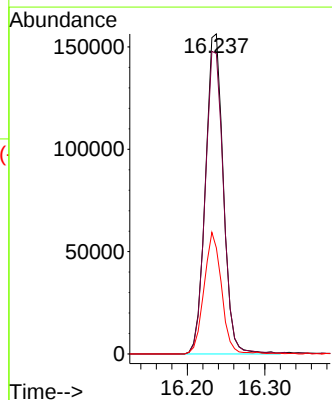
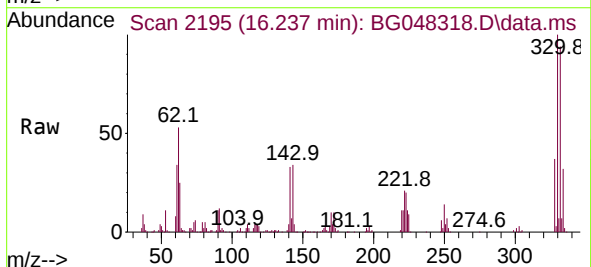
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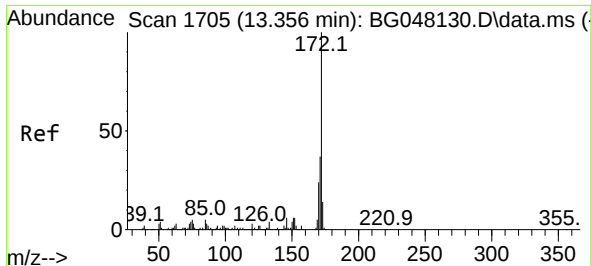
Tgt Ion:164 Resp: 99604
Ion Ratio Lower Upper
164 100
162 101.2 82.3 123.5
160 41.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 156.79 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:330 Resp: 249789
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 37.2 26.0 39.0

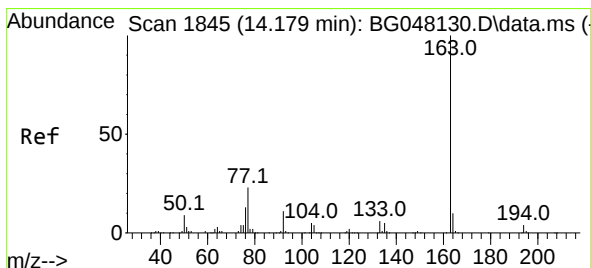
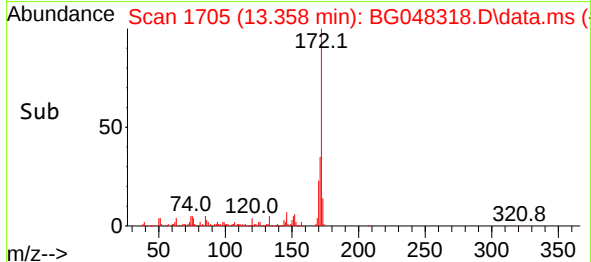
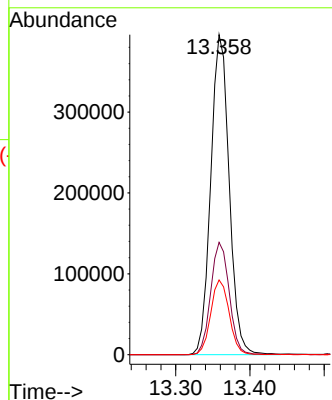
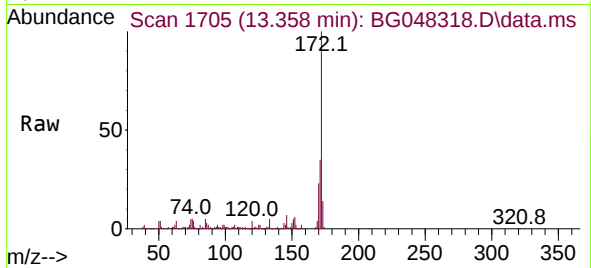




#45
2-Fluorobiphenyl
Concen: 96.11 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

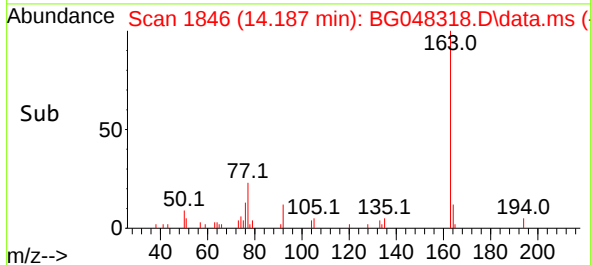
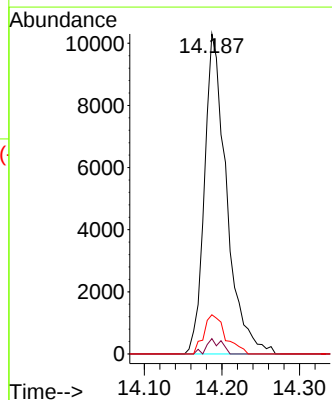
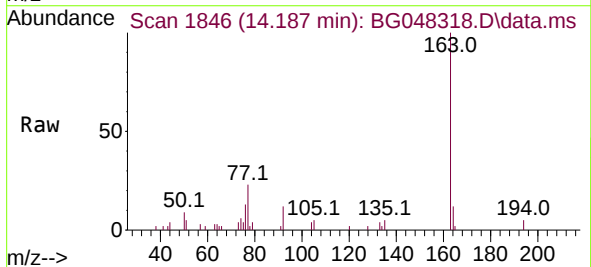
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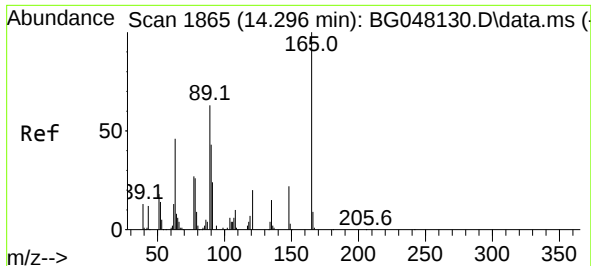
Tgt Ion:172 Resp: 682819
Ion Ratio Lower Upper
172 100
171 35.1 31.3 46.9
170 23.4 20.8 31.2



#50
Dimethylphthalate
Concen: 2.45 ng
RT: 14.187 min Scan# 1846
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:163 Resp: 20396
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.8
164 12.3 8.8 13.2

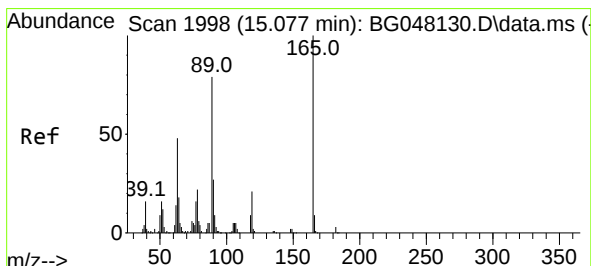
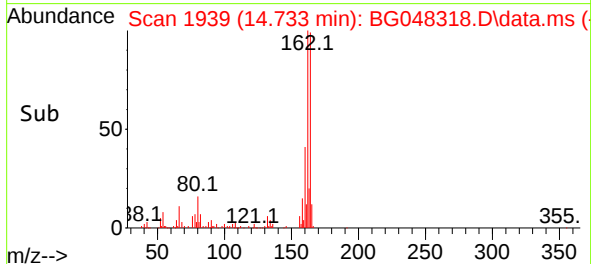
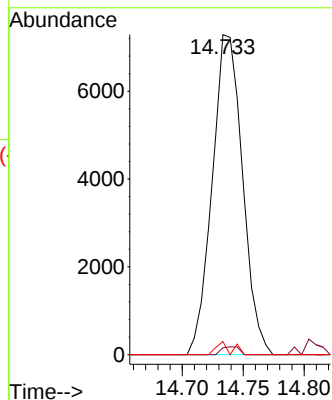
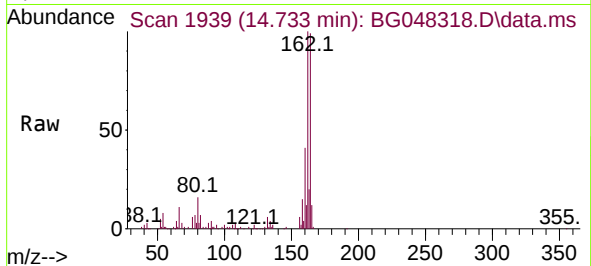




#51
2,6-Dinitrotoluene
Concen: 6.73 ng
RT: 14.733 min Scan# 1939
Delta R.T. 0.409 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

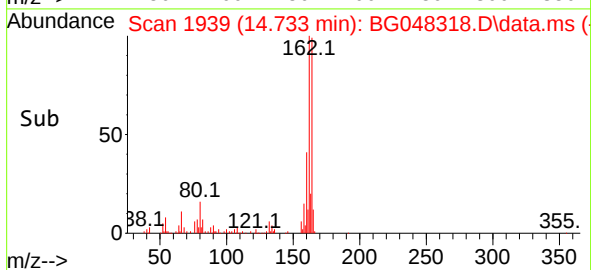
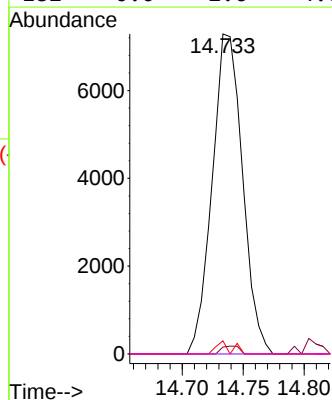
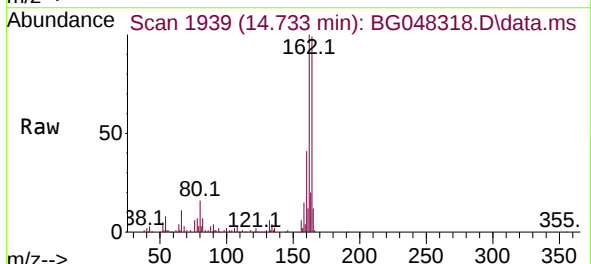
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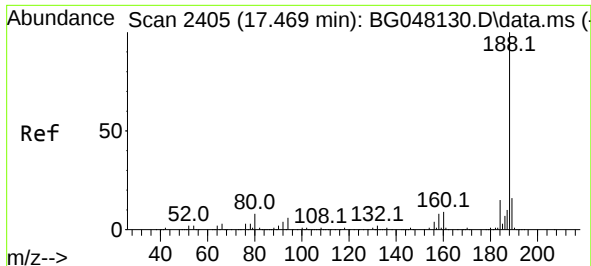
Tgt Ion:165 Resp: 12605
Ion Ratio Lower Upper
165 100
63 2.1 33.7 50.5#
89 4.1 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.66 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.384 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:165 Resp: 12605
Ion Ratio Lower Upper
165 100
63 2.1 26.4 39.6#
89 4.1 47.8 71.8#
182 0.0 2.6 4.0#

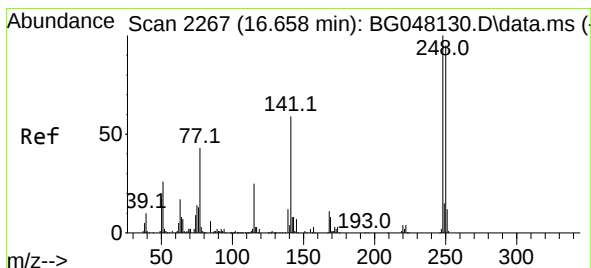
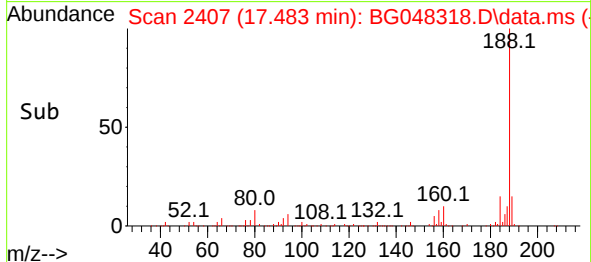
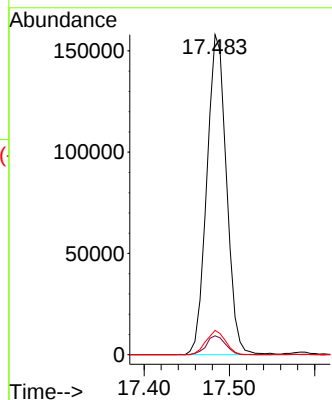
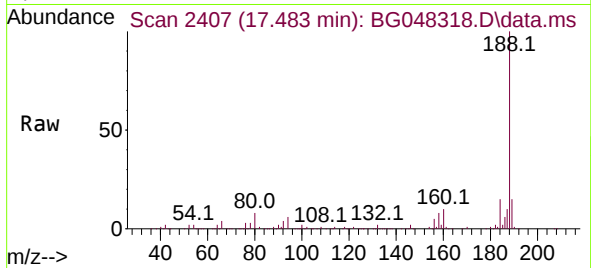




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.483 min Scan# 2407
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

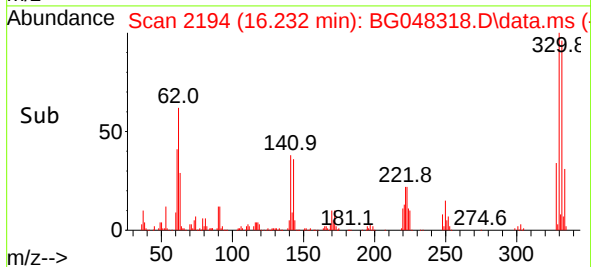
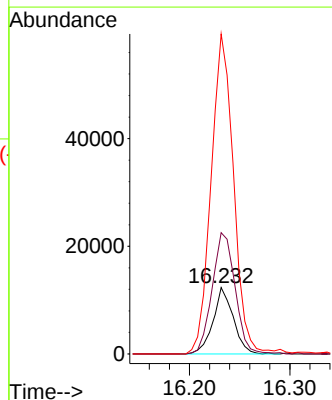
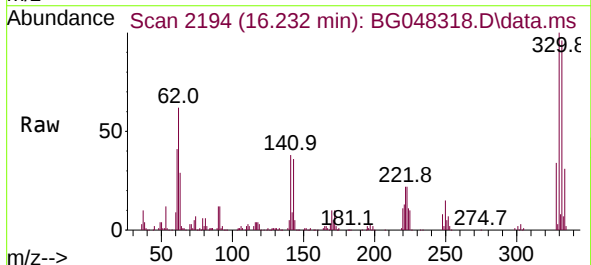
Instrument :
BNA_G
ClientSampleId :
BU-01-030221

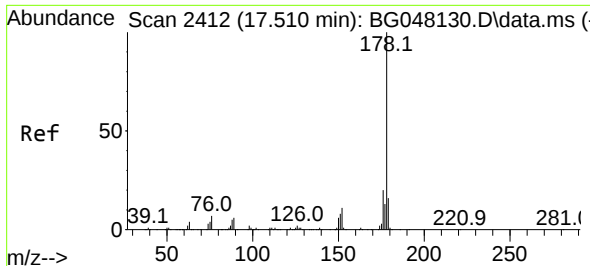
Tgt Ion:188 Resp: 252769
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.6 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 5.32 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.437 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:248 Resp: 17256
Ion Ratio Lower Upper
248 100
250 182.7 78.9 118.3#
141 482.0 46.2 69.4#

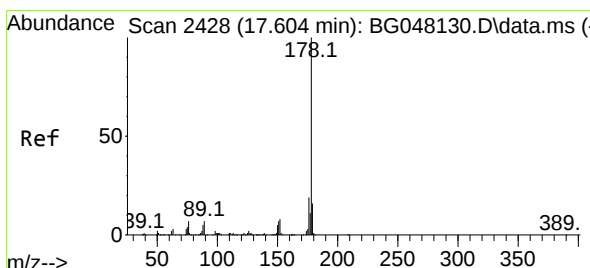
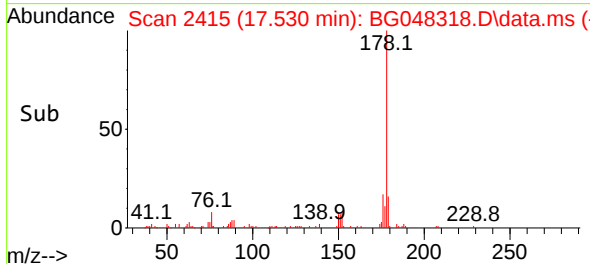
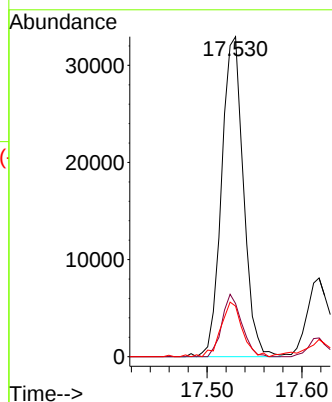
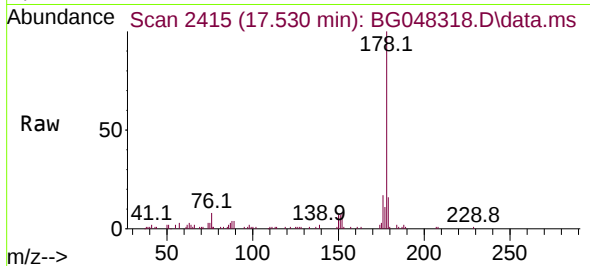




#71
Phenanthrene
Concen: 3.85 ng
RT: 17.530 min Scan# 2415
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

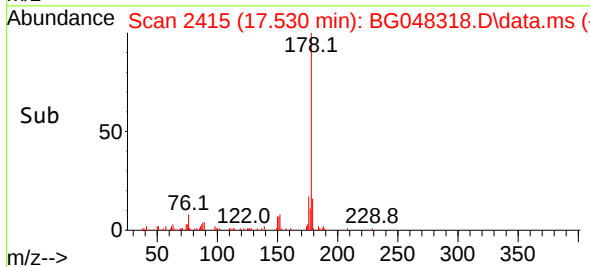
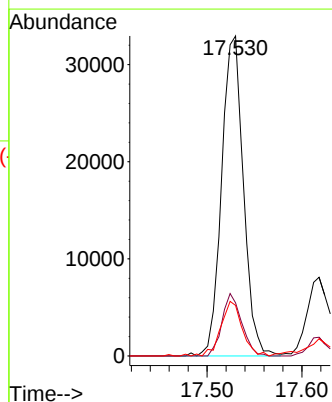
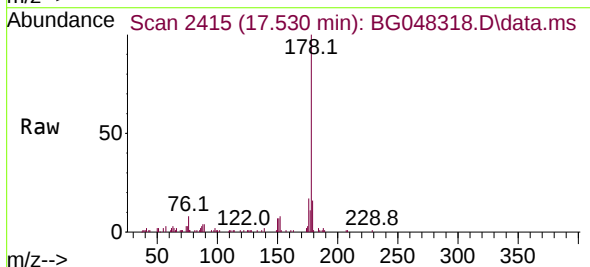
Instrument :
BNA_G
ClientSampleId :
BU-01-030221

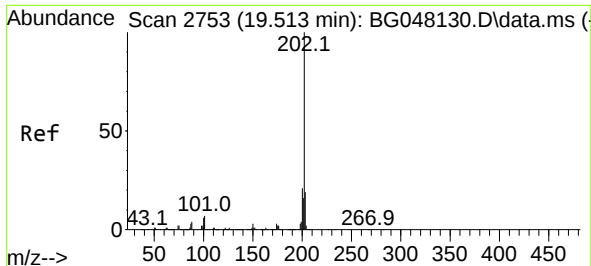
Tgt Ion:178 Resp: 52820
Ion Ratio Lower Upper
178 100
176 16.6 16.7 25.1#
179 15.8 14.0 21.0



#72
Anthracene
Concen: 3.88 ng
RT: 17.530 min Scan# 2415
Delta R.T. -0.090 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:178 Resp: 52820
Ion Ratio Lower Upper
178 100
176 16.6 16.4 24.6
179 15.8 13.8 20.6

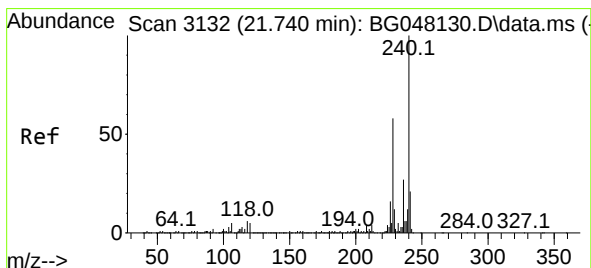
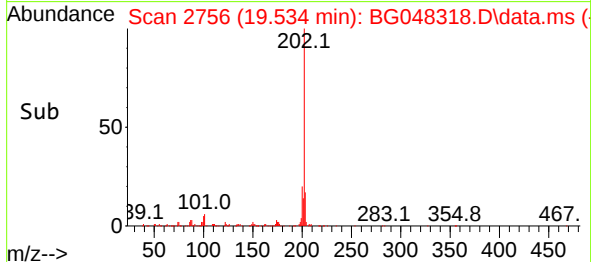
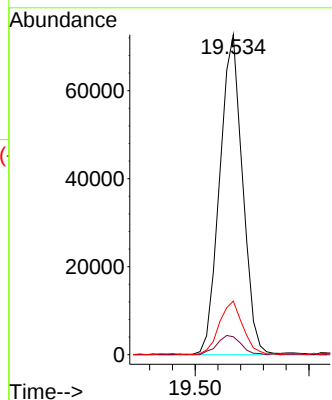
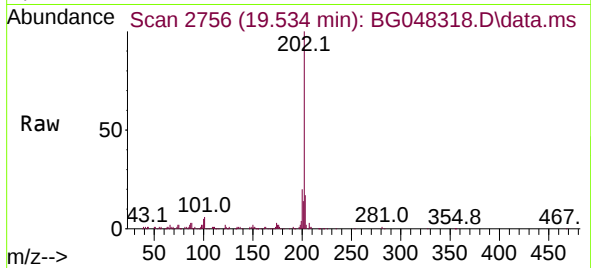




#75
Fluoranthene
Concen: 5.68 ng
RT: 19.534 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

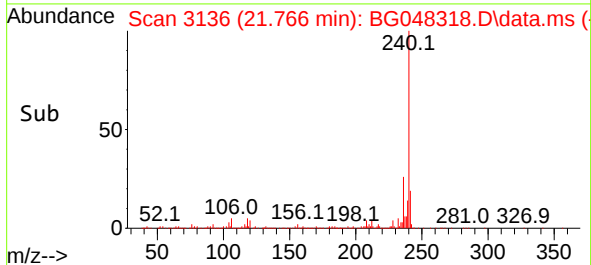
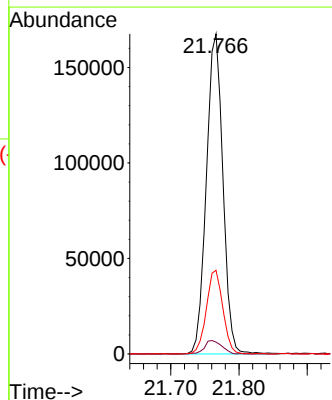
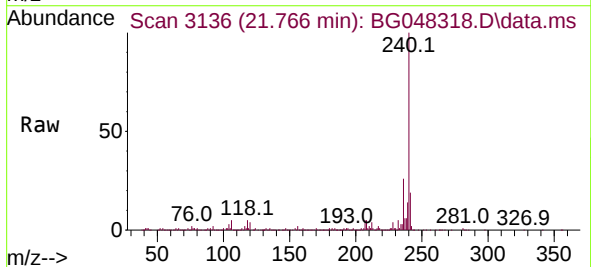
Instrument :
BNA_G
ClientSampleId :
BU-01-030221

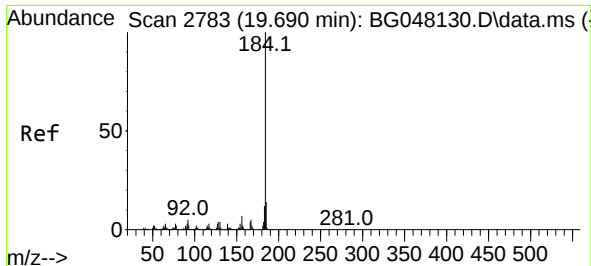
Tgt Ion:202 Resp: 101525
Ion Ratio Lower Upper
202 100
101 5.6 0.0 29.7
203 16.8 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.766 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:240 Resp: 282912
Ion Ratio Lower Upper
240 100
120 3.7 6.2 9.4#
236 26.2 20.5 30.7

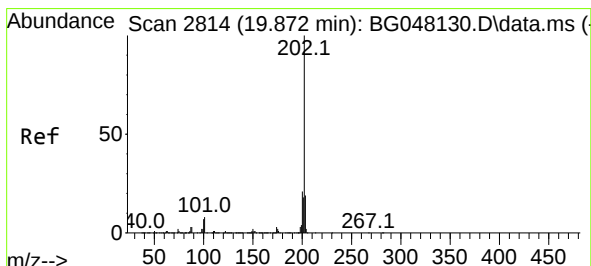
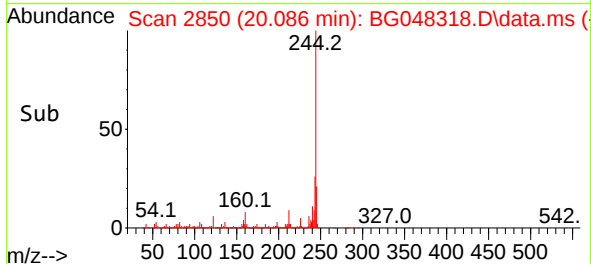
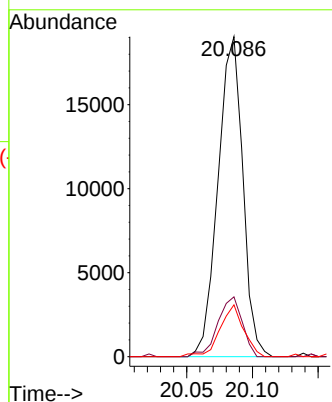
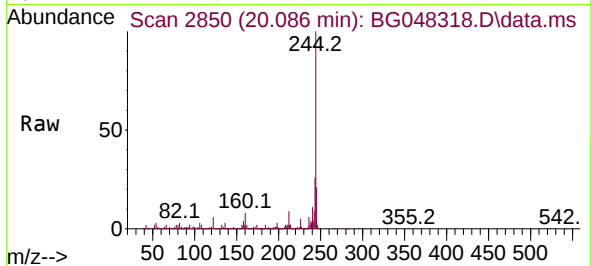




#77
Benzidine
Concen: 2.71 ng
RT: 20.086 min Scan# 2850
Delta R.T. 0.368 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

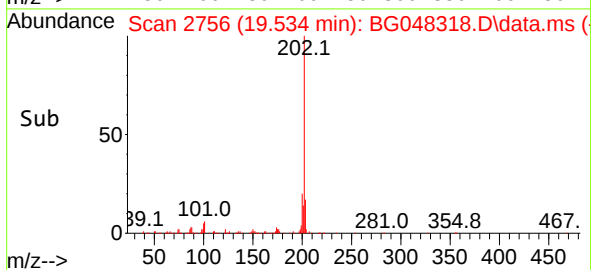
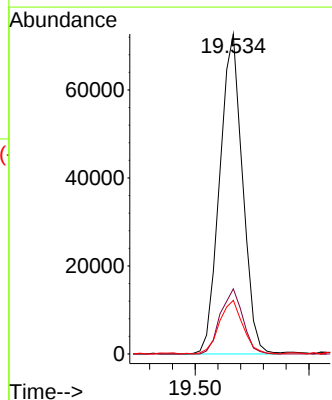
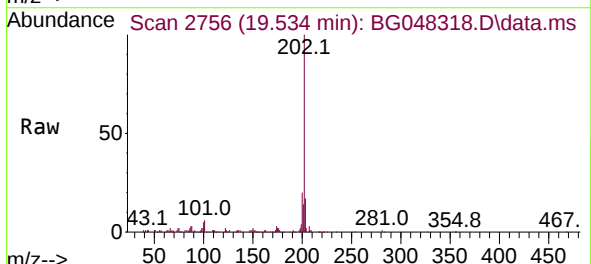
Instrument :
BNA_G
ClientSampleId :
BU-01-030221

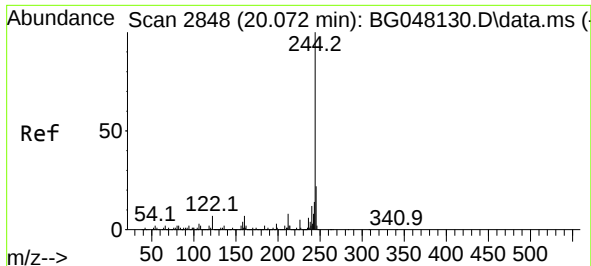
Tgt Ion:184 Resp: 25005
Ion Ratio Lower Upper
184 100
185 18.7 12.4 18.6#
183 16.2 10.6 15.8#



#78
Pyrene
Concen: 5.14 ng
RT: 19.534 min Scan# 2756
Delta R.T. -0.361 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:202 Resp: 101525
Ion Ratio Lower Upper
202 100
200 20.3 18.6 27.8
203 16.8 15.3 22.9

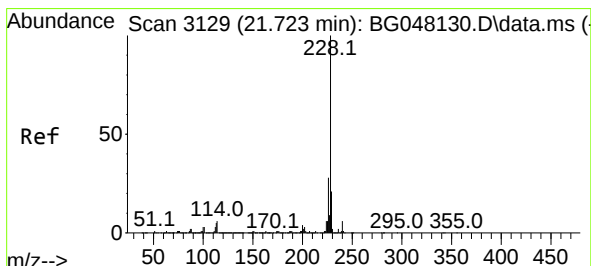
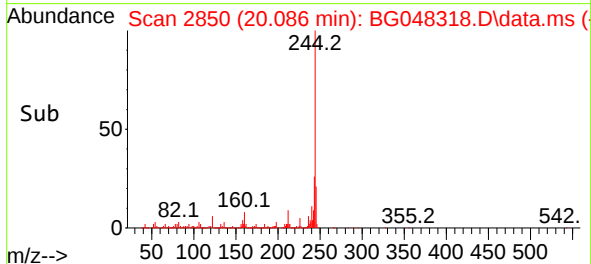
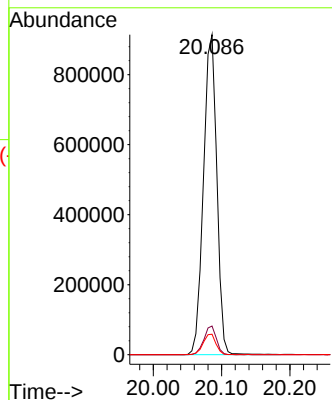
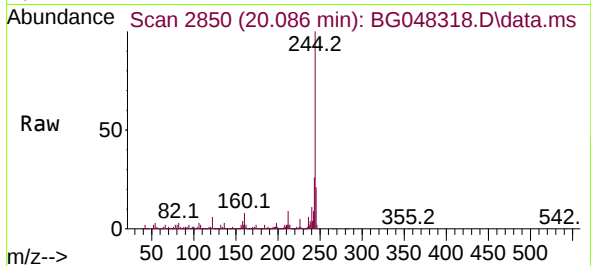




#79
 Terphenyl-d14
 Concen: 80.30 ng
 RT: 20.086 min Scan# 2850
 Delta R.T. 0.004 min
 Lab File: BG048318.D
 Acq: 3 Mar 2021 18:18

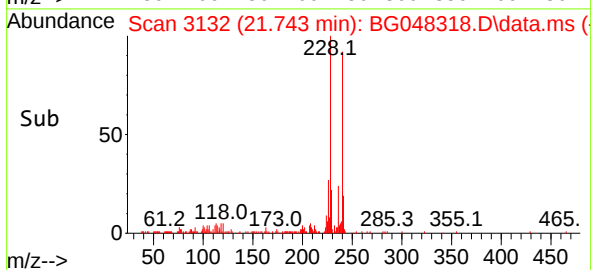
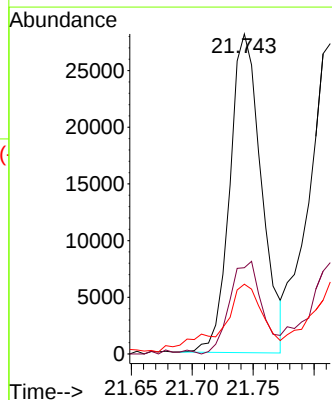
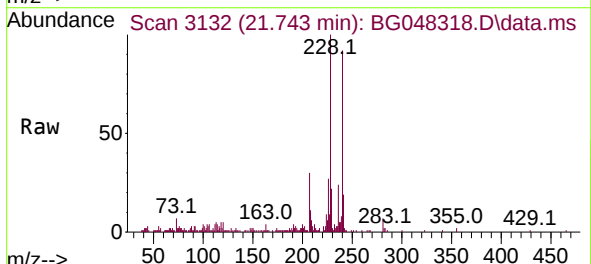
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-030221

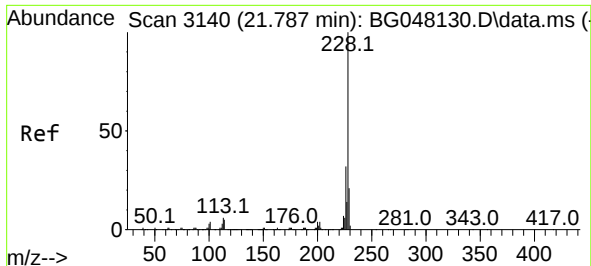
Tgt Ion:244 Resp: 1243241
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.7 10.1
 122 6.4 7.8 11.6#



#81
 Benzo(a)anthracene
 Concen: 2.58 ng
 RT: 21.743 min Scan# 3132
 Delta R.T. -0.008 min
 Lab File: BG048318.D
 Acq: 3 Mar 2021 18:18

Tgt Ion:228 Resp: 50839
 Ion Ratio Lower Upper
 228 100
 226 27.0 23.3 34.9
 229 21.8 17.4 26.0

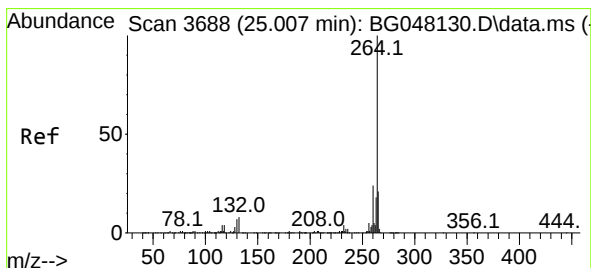
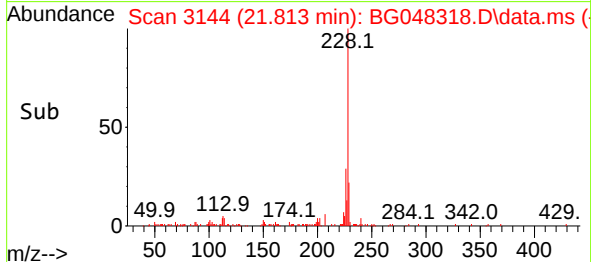
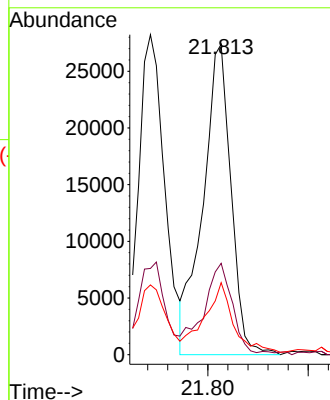
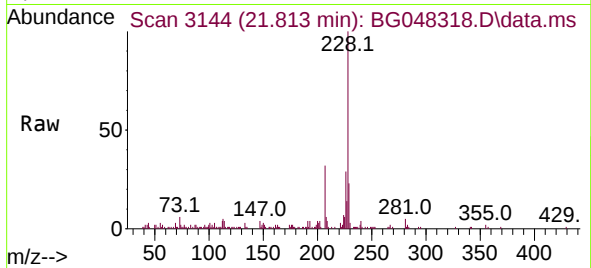




#83
Chrysene
Concen: 2.83 ng
RT: 21.813 min Scan# 3144
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

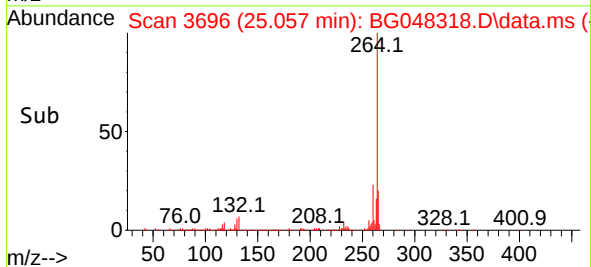
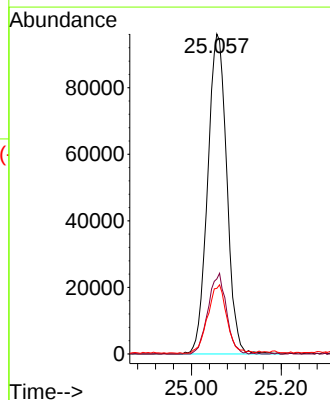
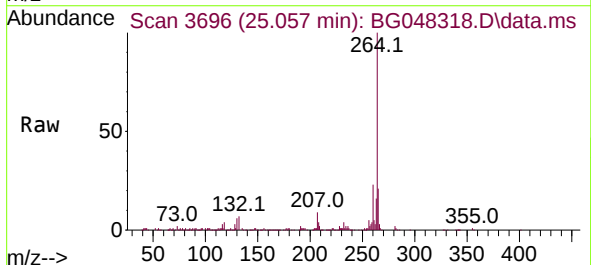
Instrument :
BNA_G
ClientSampleId :
BU-01-030221

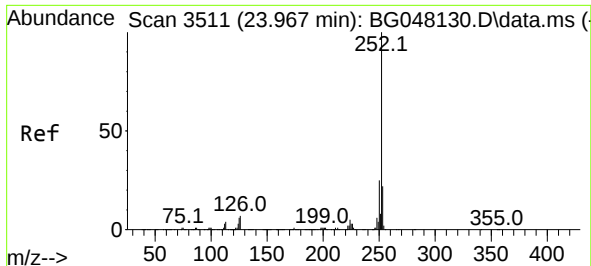
Tgt Ion:228 Resp: 53370
Ion Ratio Lower Upper
228 100
226 29.4 25.0 37.4
229 23.2 17.3 25.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.057 min Scan# 3696
Delta R.T. -0.008 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:264 Resp: 283669
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 20.5 17.8 26.8

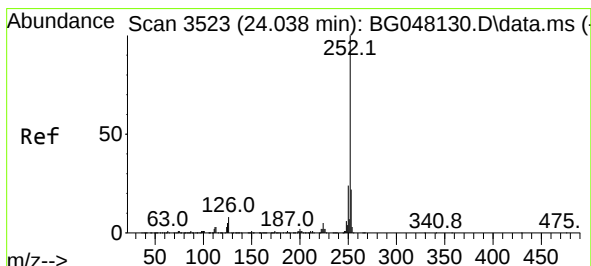
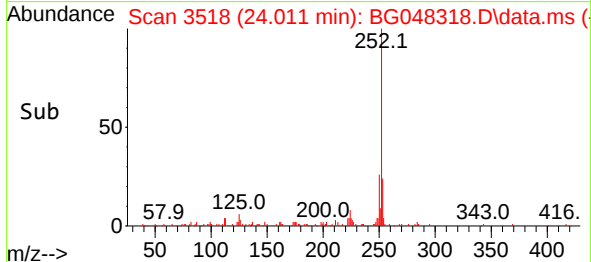
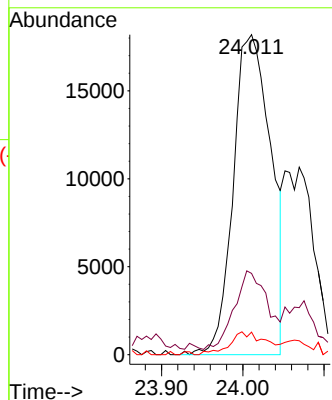
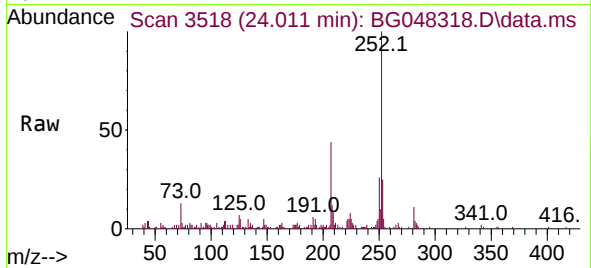




#88
Benzo(b)fluoranthene
Concen: 2.99 ng
RT: 24.011 min Scan# 3518
Delta R.T. -0.008 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Instrument :
BNA_G
ClientSampleId :
BU-01-030221

Tgt Ion:252 Resp: 58625
Ion Ratio Lower Upper
252 100
253 25.4 18.7 28.1
125 7.0 6.5 9.7



#89
Benzo(k)fluoranthene
Concen: 3.13 ng
RT: 24.011 min Scan# 3518
Delta R.T. -0.073 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:252 Resp: 58625
Ion Ratio Lower Upper
252 100
253 25.4 18.6 27.8
125 7.0 6.8 10.2

