

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
 Data File : BG060174.D
 Acq On : 26 Dec 2023 17:49
 Operator : MA/JU
 Sample : PB158041BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158041BL

Quant Time: Dec 27 01:02:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 27 00:45:31 2023
 Response via : Initial Calibration

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

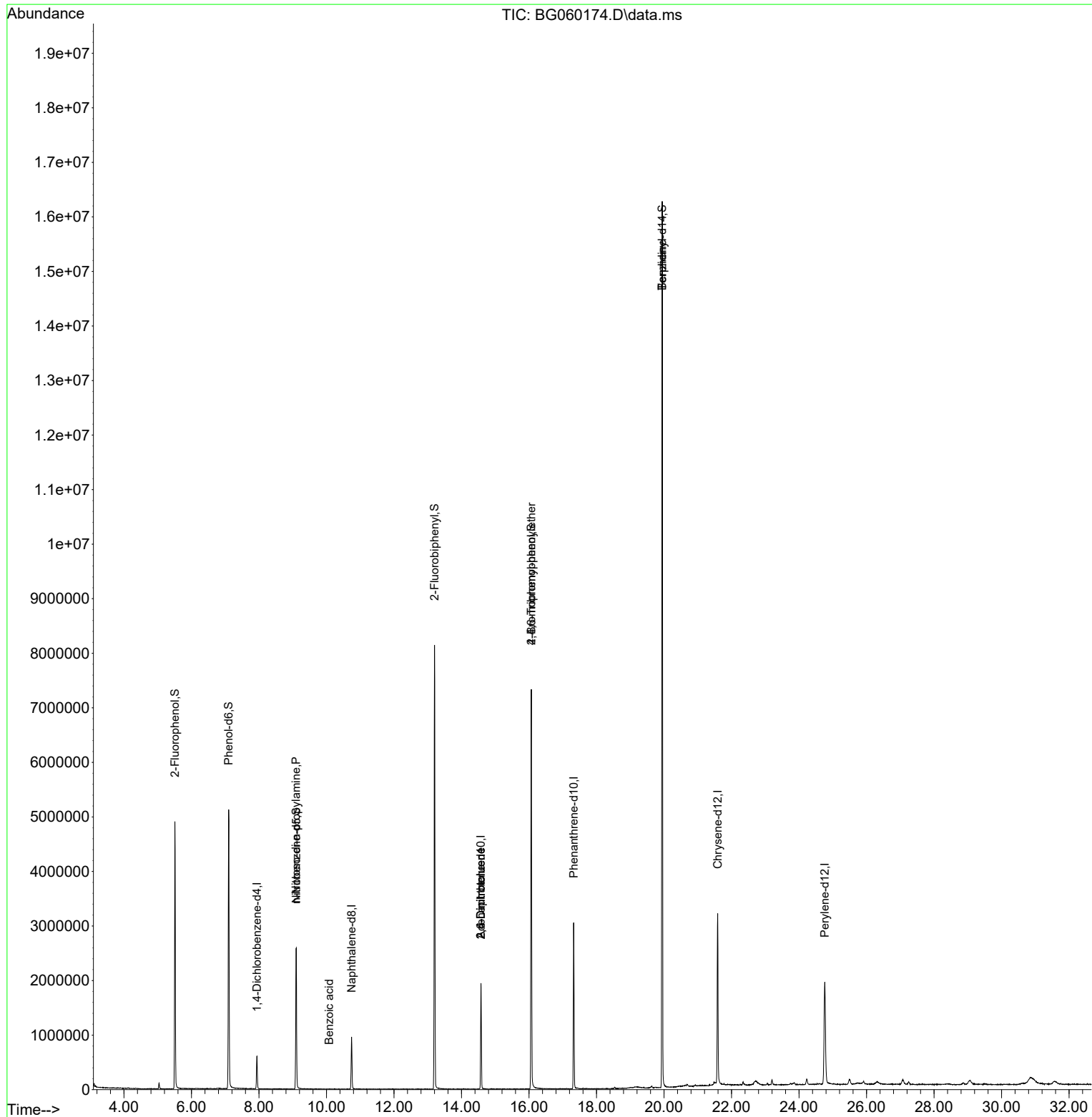
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	194248	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	826880	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	711175	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	1988943	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1895433	20.000	ng	0.00
86) Perylene-d12	24.762	264	2135291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2158535	177.879	ng	0.00
7) Phenol-d6	7.100	99	3297270	172.120	ng	0.00
23) Nitrobenzene-d5	9.104	82	1749020	99.981	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1533987	160.732	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4371590	96.414	ng	0.00
79) Terphenyl-d14	19.944	244	6551310	93.768	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.098	70	215619	14.948	ng	Qvalue
32) Benzoic acid	10.079	122	68	6.043	ng	# 79
51) 2,6-Dinitrotoluene	14.574	165	93500	7.703	ng	# 1
57) 2,4-Dinitrotoluene	14.574	165	93500	5.602	ng	# 31
67) 4-Bromophenyl-phenylether	16.066	248	96518	4.569	ng	# 27
77) Benzidine	19.944	184	154222	4.656	ng	# 1

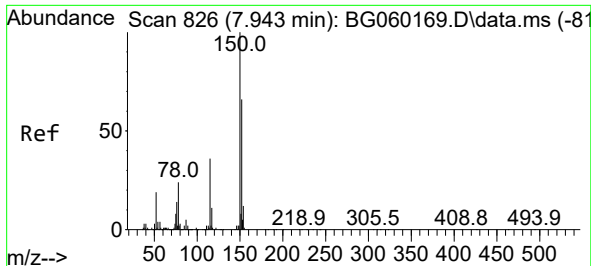
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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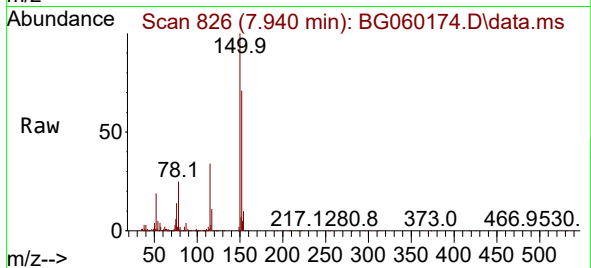
Quant Time: Dec 27 01:02:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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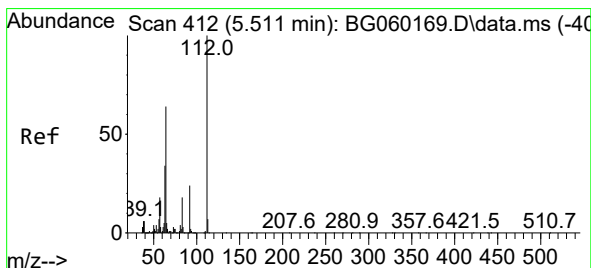
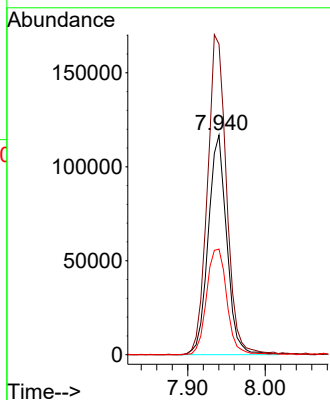
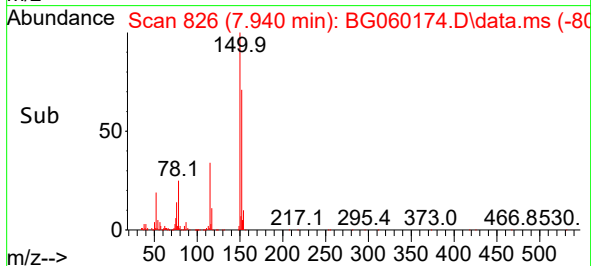


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

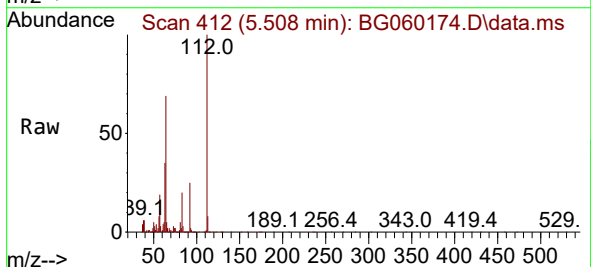
Instrument :
BNA_G
ClientSampleId :
PB158041BL



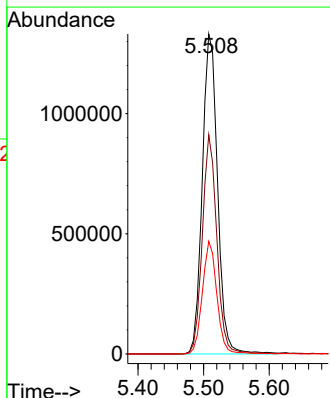
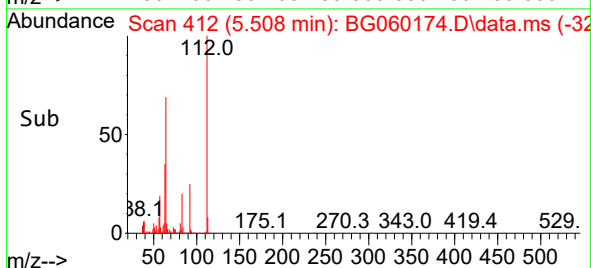
Tgt Ion:152 Resp: 194248
Ion Ratio Lower Upper
152 100
150 141.5 120.5 180.7
115 48.1 42.9 64.3

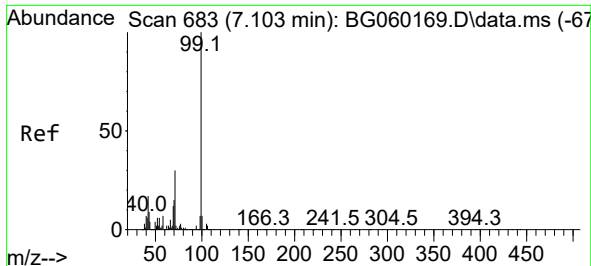


#5
2-Fluorophenol
Concen: 177.879 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49



Tgt Ion:112 Resp: 2158535
Ion Ratio Lower Upper
112 100
64 68.5 50.8 76.2
63 35.2 27.0 40.4

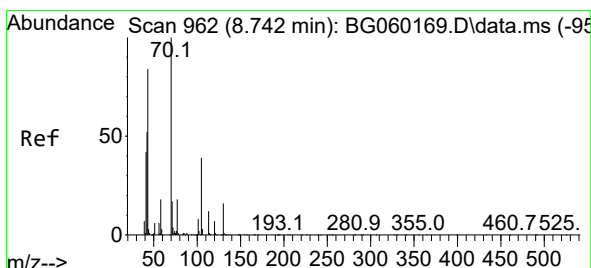
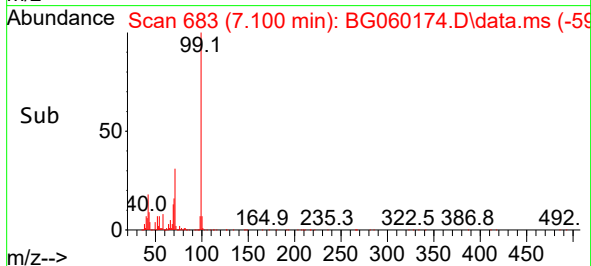
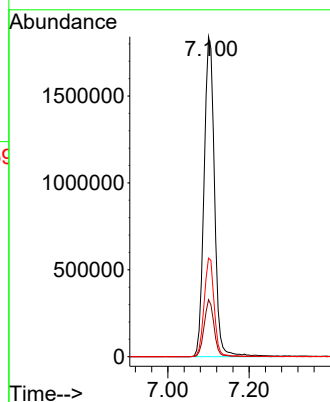
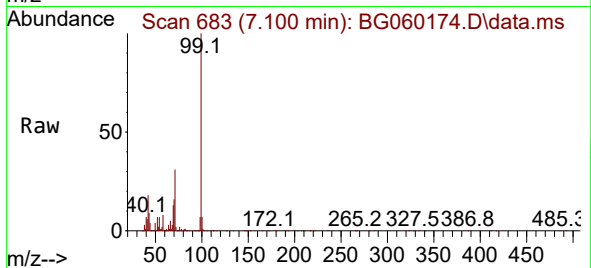




#7
Phenol-d6
Concen: 172.120 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

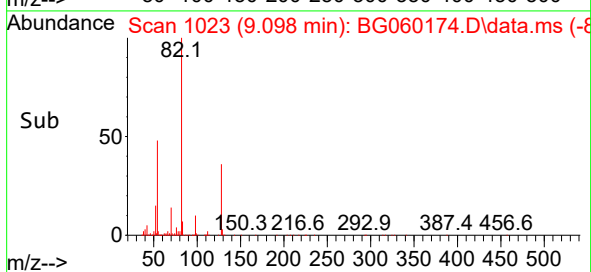
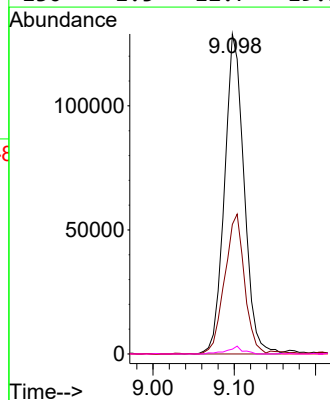
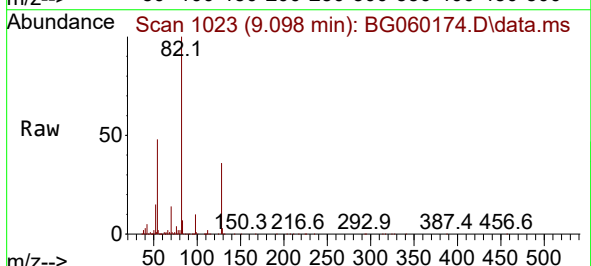
Instrument :
BNA_G
ClientSampleId :
PB158041BL

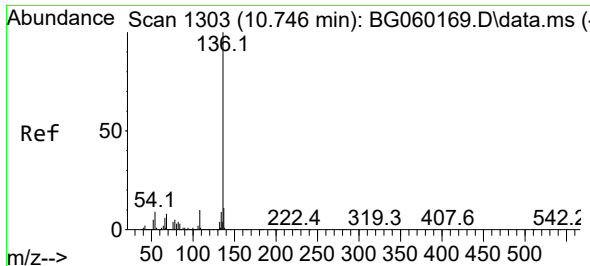
Tgt Ion: 99 Resp: 3297270
Ion Ratio Lower Upper
99 100
42 17.8 13.4 20.0
71 30.8 23.8 35.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.948 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.355 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion: 70 Resp: 215619
Ion Ratio Lower Upper
70 100
42 40.5 41.8 62.6#
101 0.0 6.6 10.0#
130 1.5 12.7 19.1#

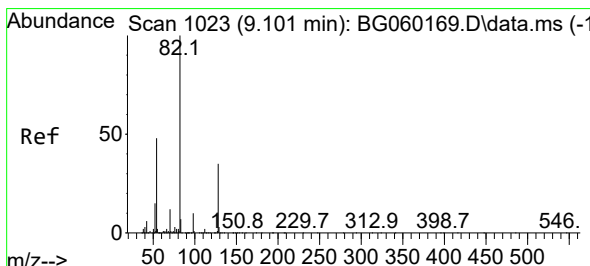
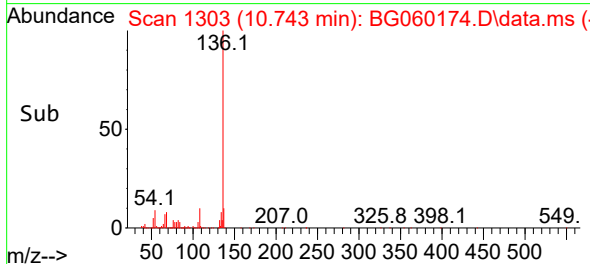
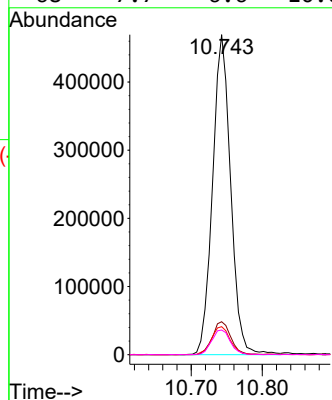
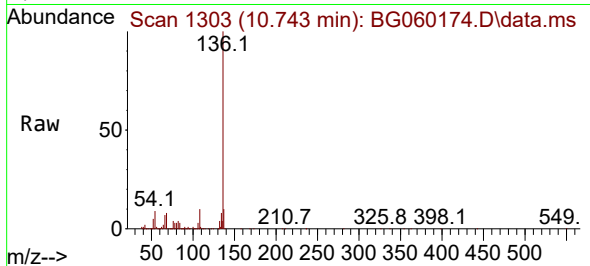




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

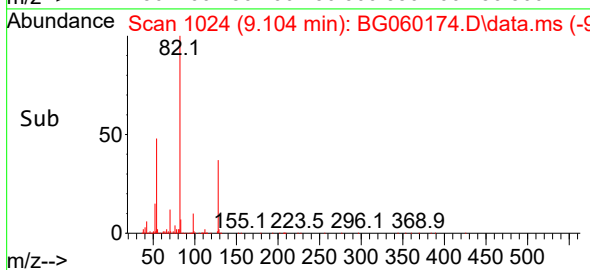
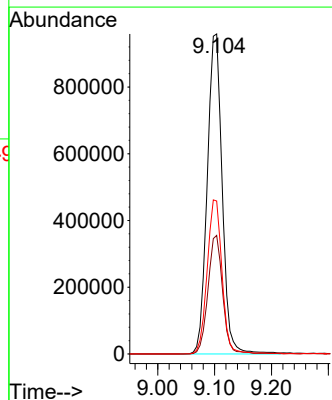
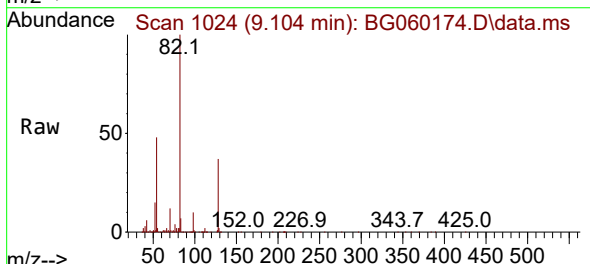
Instrument :
BNA_G
ClientSampleId :
PB158041BL

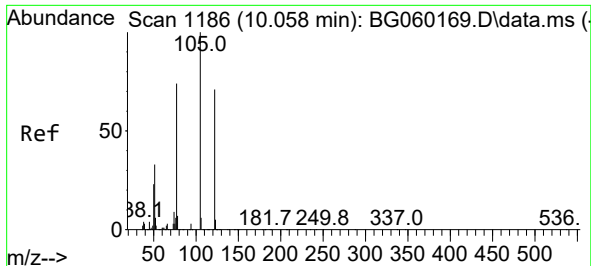
Tgt Ion:136 Resp: 826880
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 8.8 7.5 11.3
68 7.7 6.6 10.0



#23
Nitrobenzene-d5
Concen: 99.981 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion: 82 Resp: 1749020
Ion Ratio Lower Upper
82 100
128 37.1 28.2 42.2
54 47.8 38.5 57.7

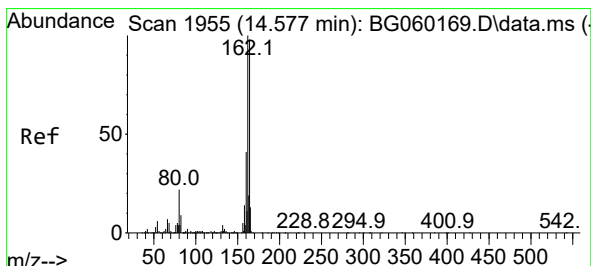
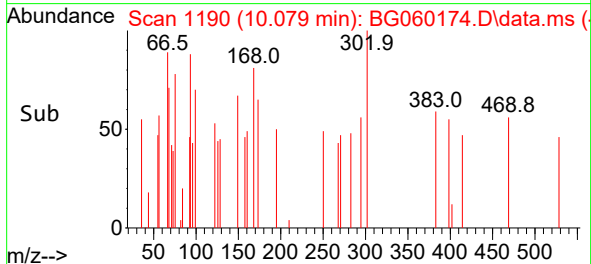
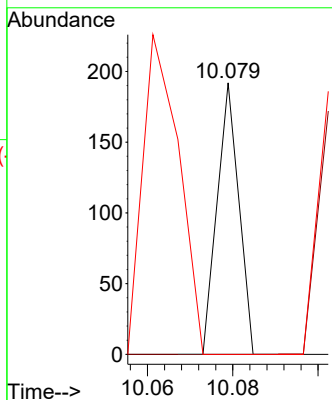
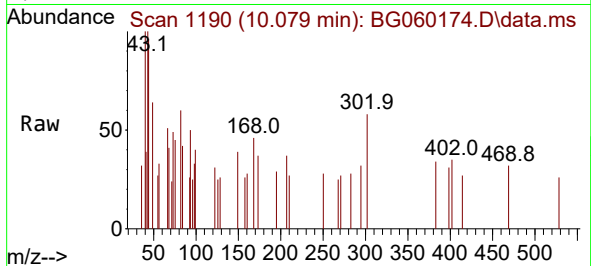




#32
Benzoic acid
Concen: 6.043 ng
RT: 10.079 min Scan# 1186
Delta R.T. 0.021 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

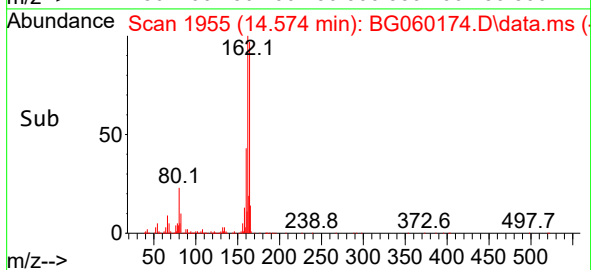
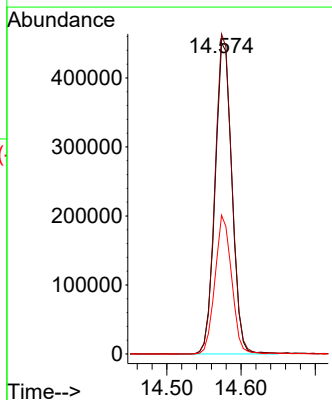
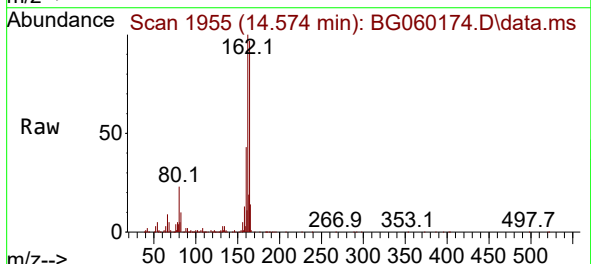
Instrument :
BNA_G
ClientSampleId :
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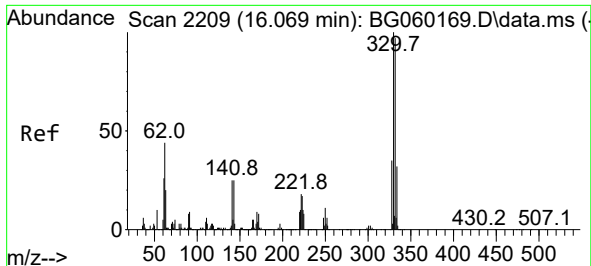
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 116.9 156.9#
77 0.0 82.5 122.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion:164 Resp: 711175
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.2
160 44.6 33.8 50.6

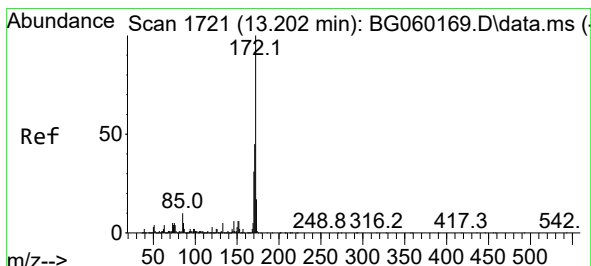
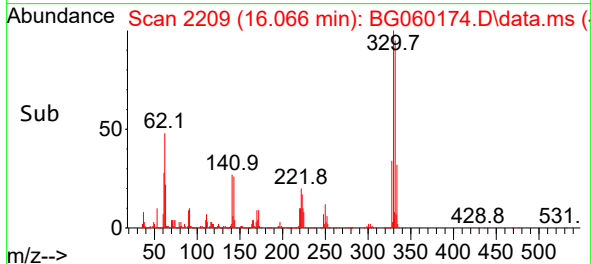
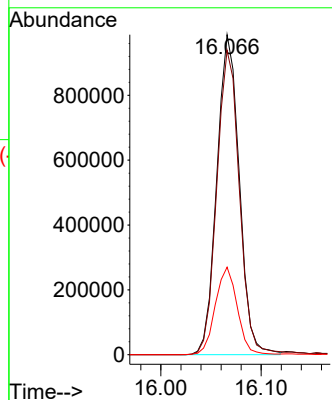
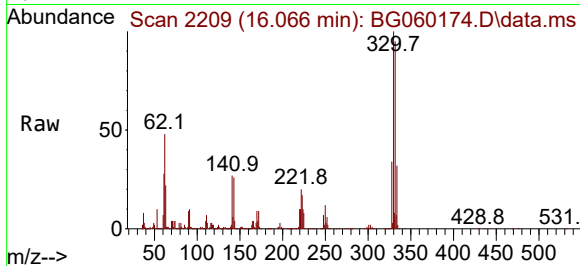




#42
2,4,6-Tribromophenol
Concen: 160.732 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

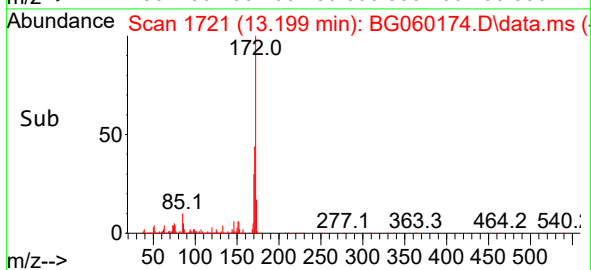
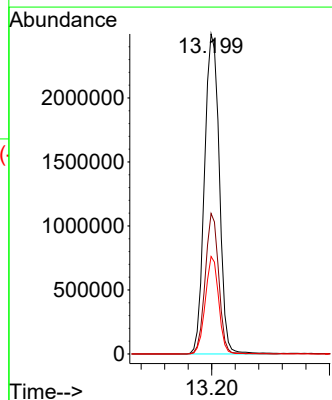
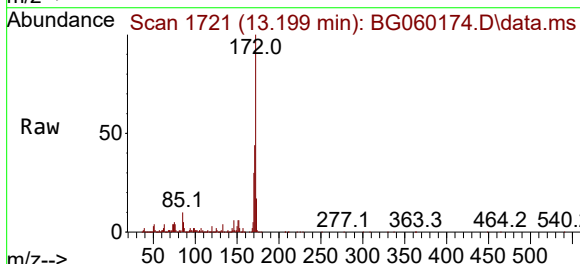
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BNA_G
ClientSampleId :
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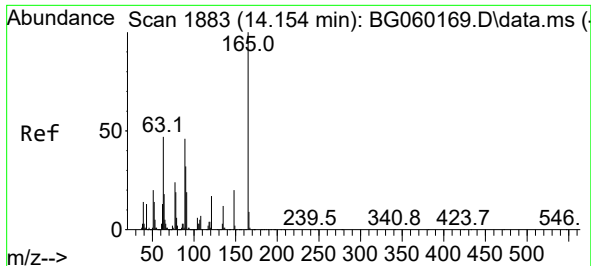
Tgt Ion:330 Resp: 1533987
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 26.8 21.2 31.8



#45
2-Fluorobiphenyl
Concen: 96.414 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion:172 Resp: 4371590
Ion Ratio Lower Upper
172 100
171 43.9 36.0 54.0
170 30.5 24.9 37.3

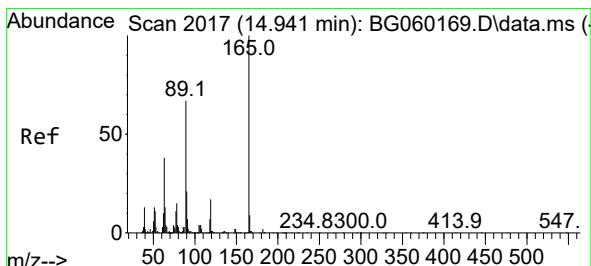
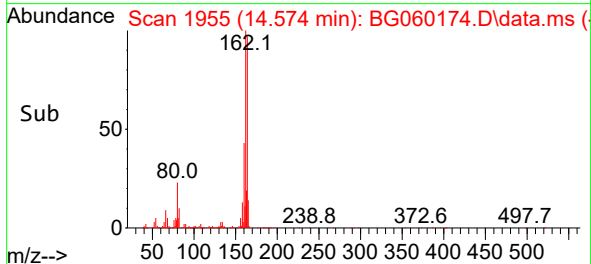
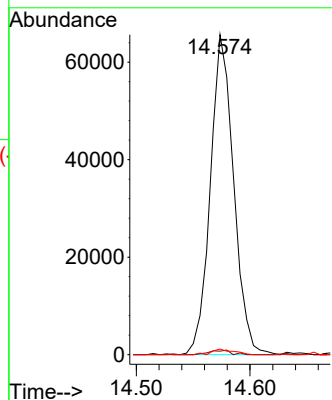
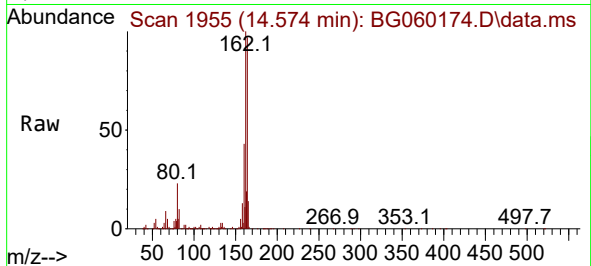




#51
2,6-Dinitrotoluene
Concen: 7.703 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

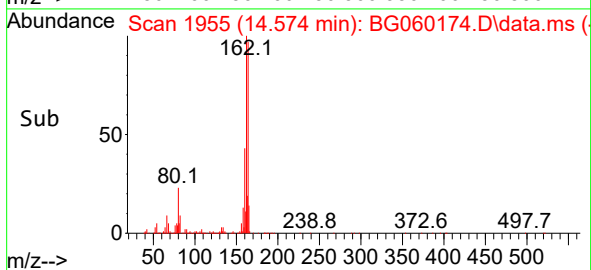
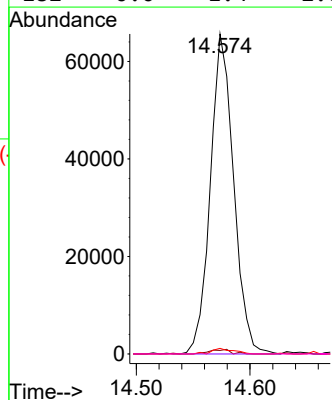
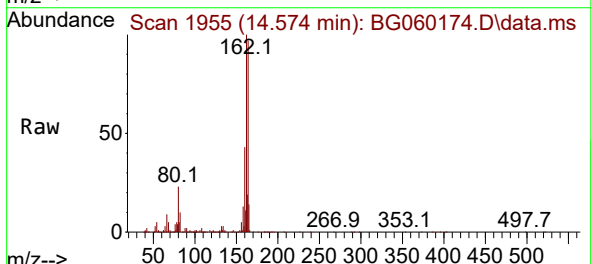
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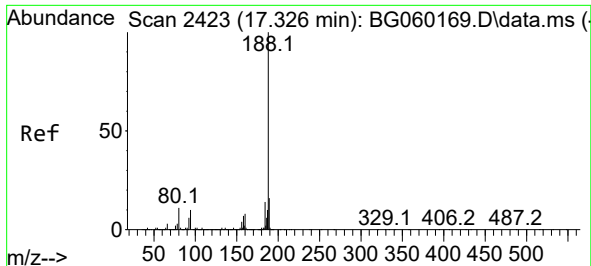
Tgt Ion:165 Resp: 93500
Ion Ratio Lower Upper
165 100
63 1.1 40.0 60.0#
89 1.7 36.7 55.1#



#57
2,4-Dinitrotoluene
Concen: 5.602 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.367 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion:165 Resp: 93500
Ion Ratio Lower Upper
165 100
63 1.1 31.0 46.4#
89 1.7 53.8 80.8#
182 0.0 1.4 2.0#

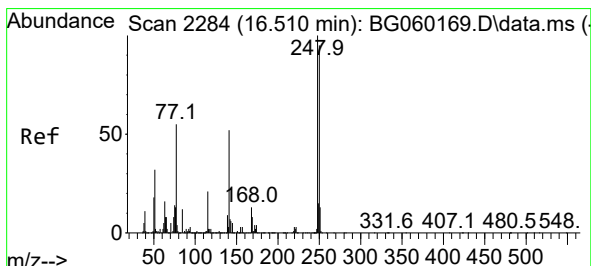
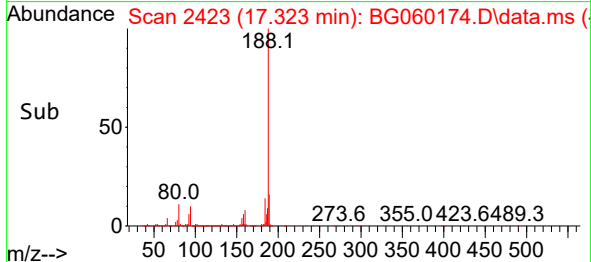
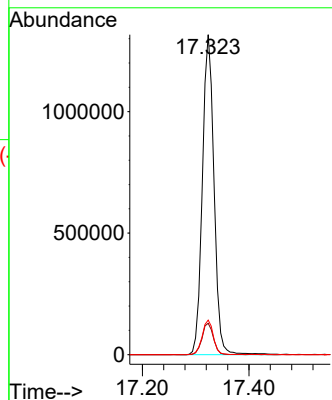
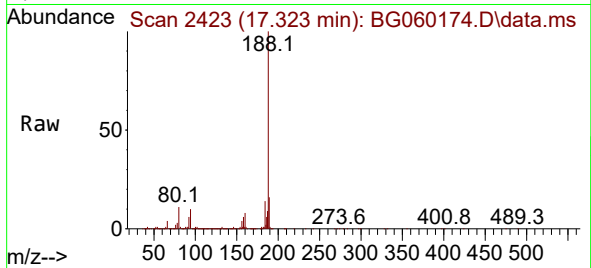




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

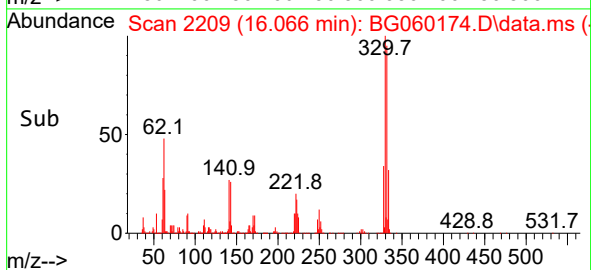
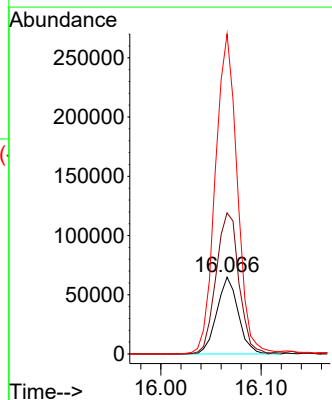
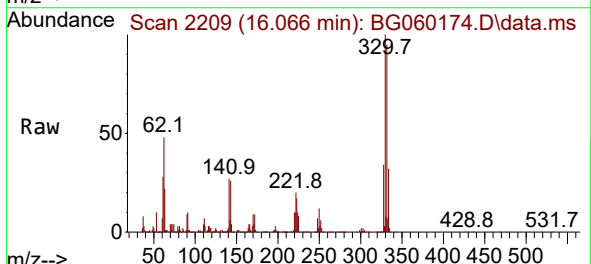
Instrument :
BNA_G
ClientSampleId :
PB158041BL

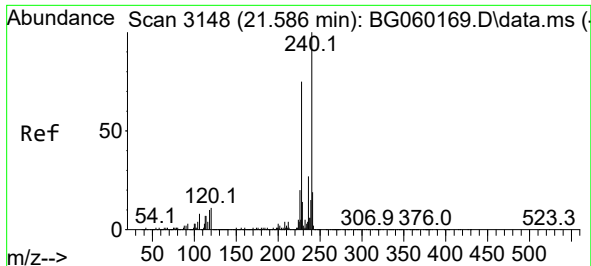
Tgt Ion:188 Resp: 1988943
Ion Ratio Lower Upper
188 100
94 9.8 7.7 11.5
80 10.8 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.569 ng
RT: 16.066 min Scan# 2209
Delta R.T. -0.444 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion:248 Resp: 96518
Ion Ratio Lower Upper
248 100
250 183.7 76.3 114.5#
141 416.6 41.4 62.2#

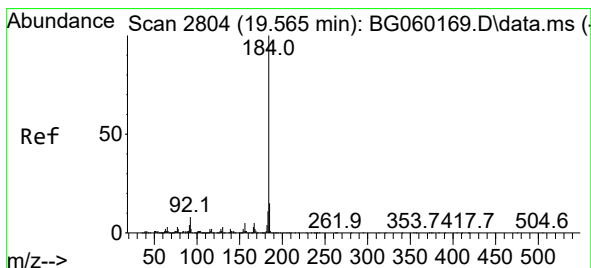
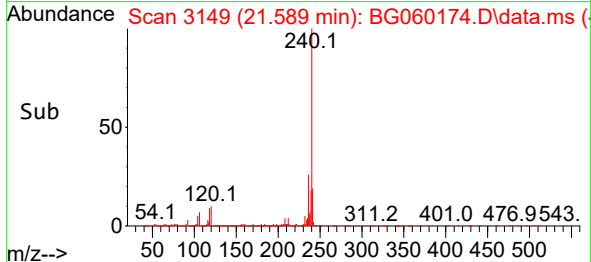
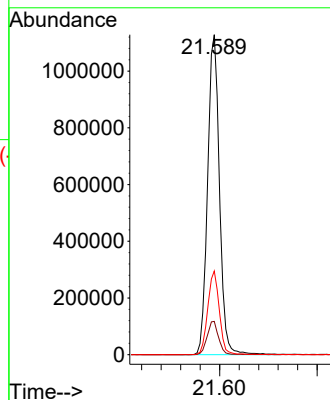
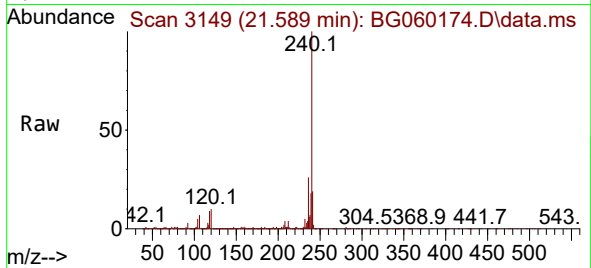




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3148
Delta R.T. 0.003 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

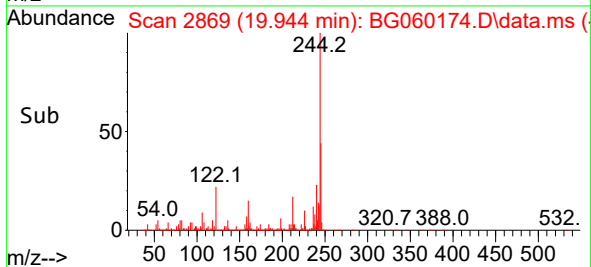
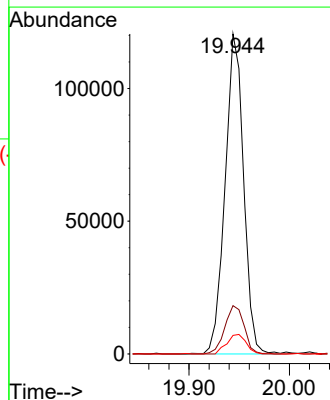
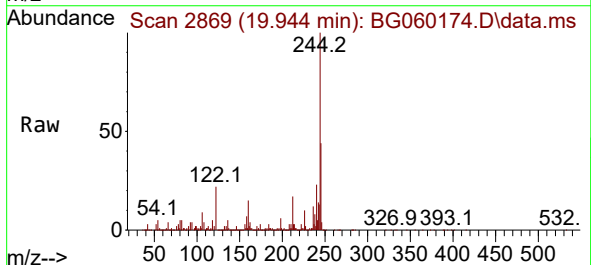
Instrument :
BNA_G
ClientSampleId :
PB158041BL

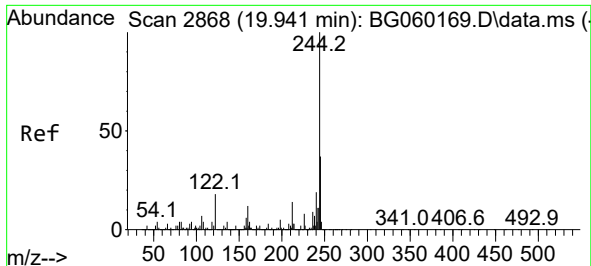
Tgt Ion:240 Resp: 1895433
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 26.2 21.3 31.9



#77
Benzidine
Concen: 4.656 ng
RT: 19.944 min Scan# 2869
Delta R.T. 0.379 min
Lab File: BG060174.D
Acq: 26 Dec 2023 17:49

Tgt Ion:184 Resp: 154222
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 5.8 8.6 13.0#

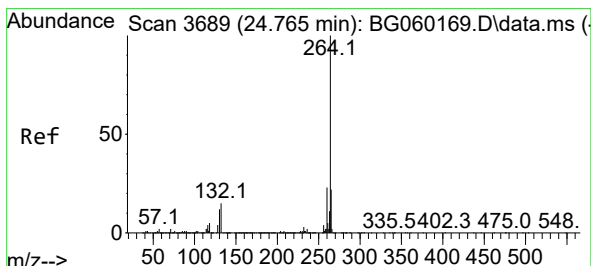
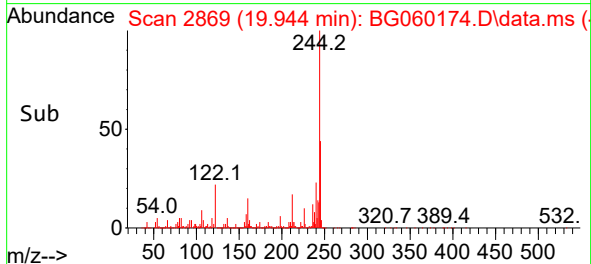
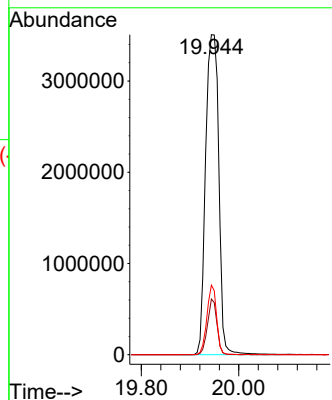
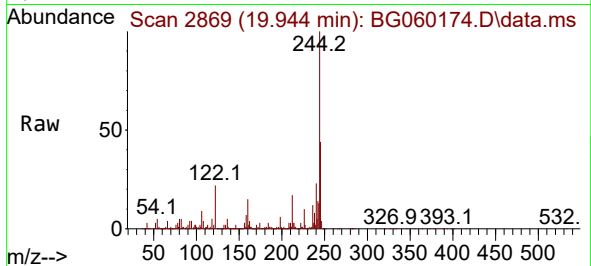




#79
 Terphenyl-d14
 Concen: 93.768 ng
 RT: 19.944 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG060174.D
 Acq: 26 Dec 2023 17:49

Instrument :
 BNA_G
 ClientSampleId :
 PB158041BL

Tgt Ion:244 Resp: 6551310
 Ion Ratio Lower Upper
 244 100
 212 17.4 11.3 16.9#
 122 21.8 14.6 21.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.003 min
 Lab File: BG060174.D
 Acq: 26 Dec 2023 17:49

Tgt Ion:264 Resp: 2135291
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.0 27.0
 265 22.3 17.3 25.9

