

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058641.D
 Acq On : 8 Aug 2023 13:42
 Operator : MA/JU
 Sample : 03917-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP05B

Quant Time: Aug 09 04:10:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

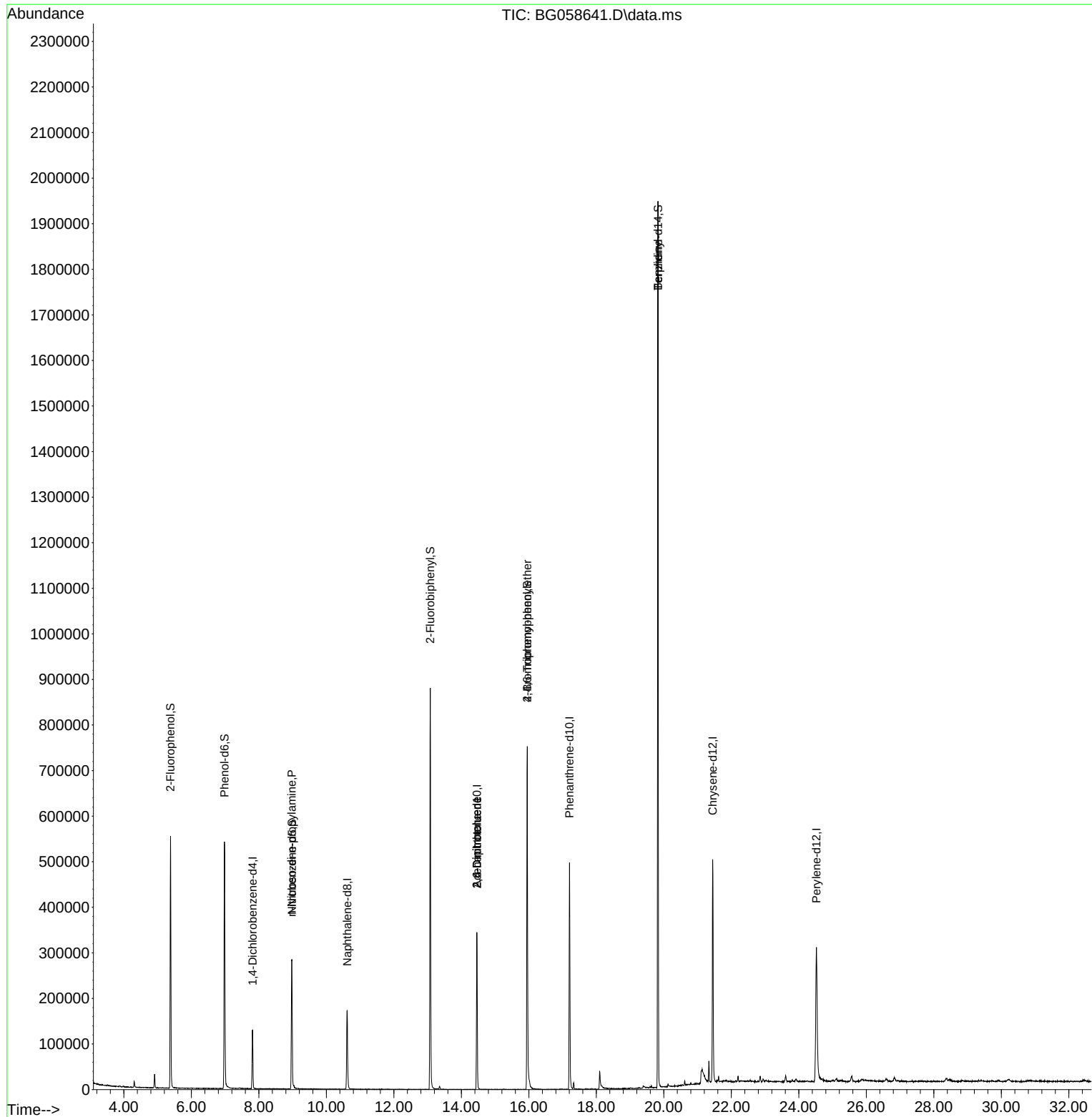
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	37220	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	167032	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	132236	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	343782	20.000	ng	0.00
76) Chrysene-d12	21.446	240	311127	20.000	ng	0.00
86) Perylene-d12	24.519	264	374796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	235232	96.599	ng	0.00
7) Phenol-d6	6.980	99	337310	99.547	ng	0.00
23) Nitrobenzene-d5	8.978	82	191954	56.455	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	182605	84.249	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	502286	56.923	ng	0.00
79) Terphenyl-d14	19.824	244	1008739	60.971	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.972	70	23838	10.891	ng	# 79
51) 2,6-Dinitrotoluene	14.460	165	16742	7.683	ng	# 24
57) 2,4-Dinitrotoluene	14.460	165	16742	5.542	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	11283	2.894	ng	# 1
77) Benzidine	19.824	184	12089	2.562	ng	# 89

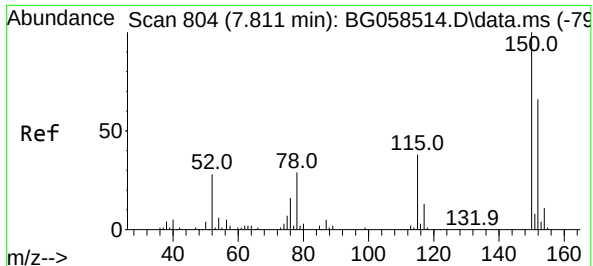
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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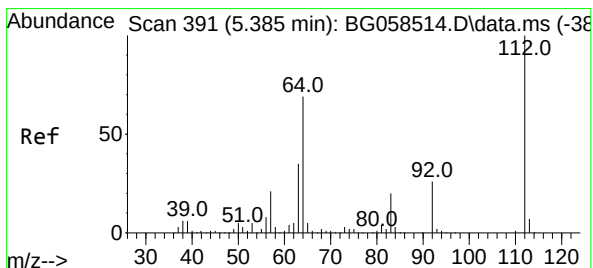
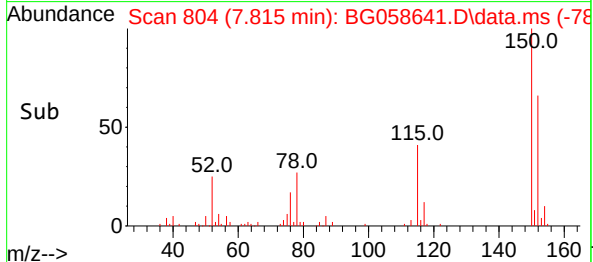
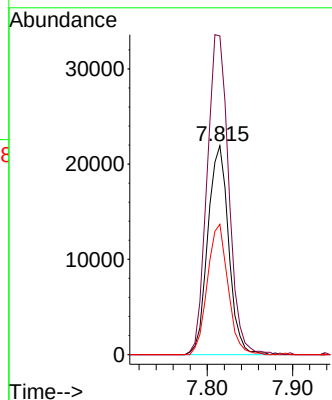
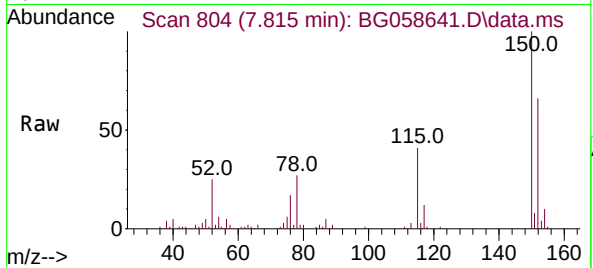




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

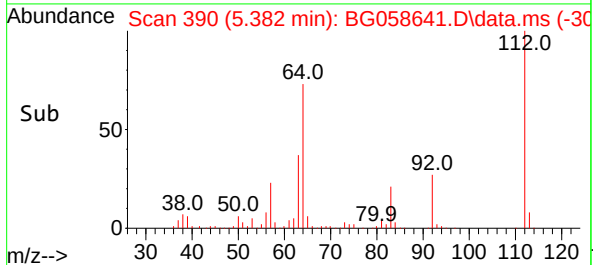
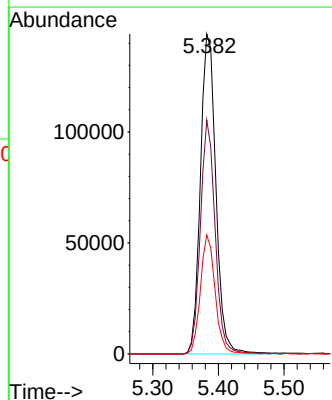
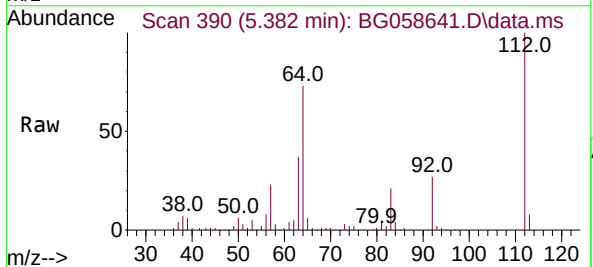
Instrument :
BNA_G
ClientSampleId :
B-PP05B

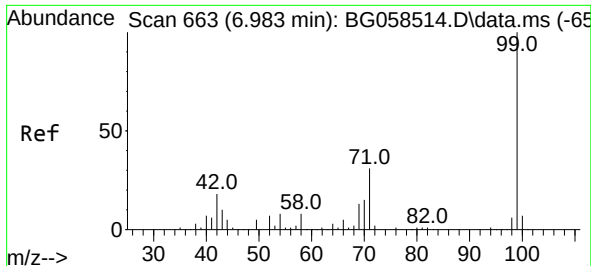
Tgt Ion:152 Resp: 37220
Ion Ratio Lower Upper
152 100
150 152.5 120.5 180.7
115 62.3 45.9 68.9



#5
2-Fluorophenol
Concen: 96.599 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

Tgt Ion:112 Resp: 235232
Ion Ratio Lower Upper
112 100
64 73.1 55.3 82.9
63 37.2 28.3 42.5

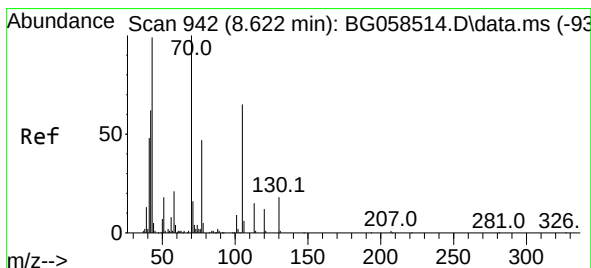
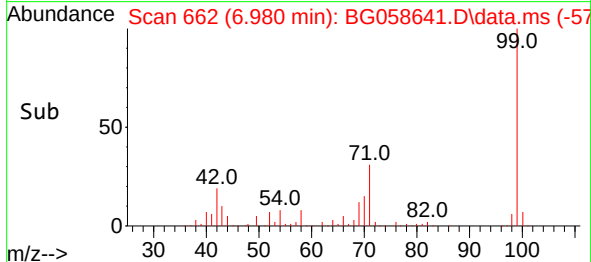
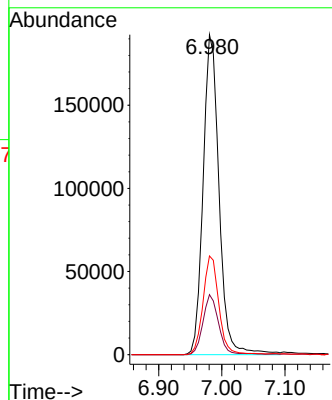
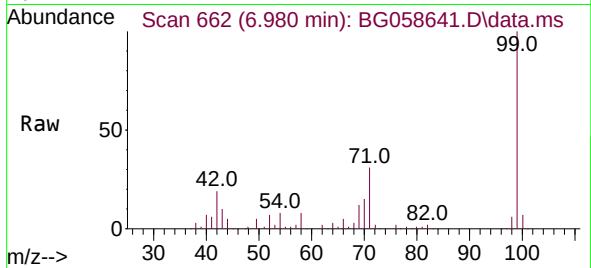




#7
Phenol-d6
Concen: 99.547 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

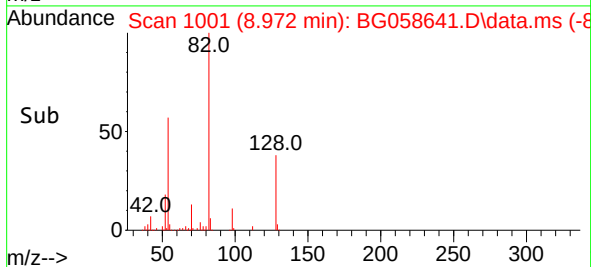
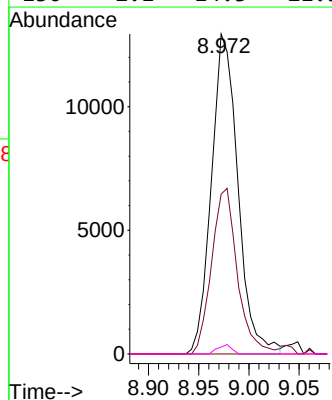
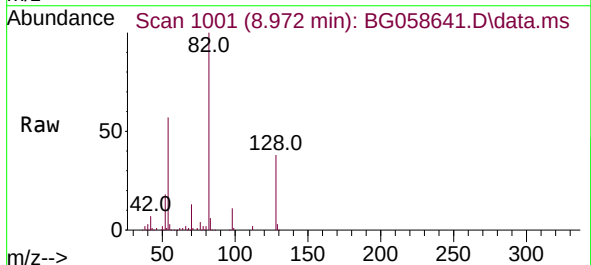
Instrument :
BNA_G
ClientSampleId :
B-PP05B

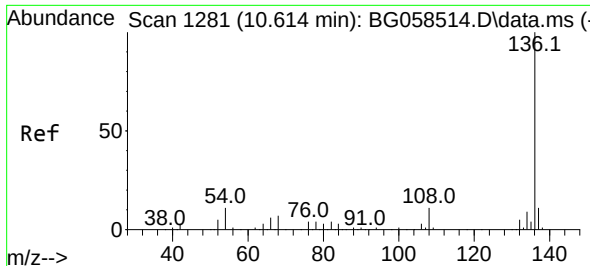
Tgt Ion: 99 Resp: 337310
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 30.8 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.891 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.350 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

Tgt Ion: 70 Resp: 23838
Ion Ratio Lower Upper
70 100
42 49.9 49.7 74.5
101 0.0 7.0 10.4#
130 2.1 14.3 21.5#

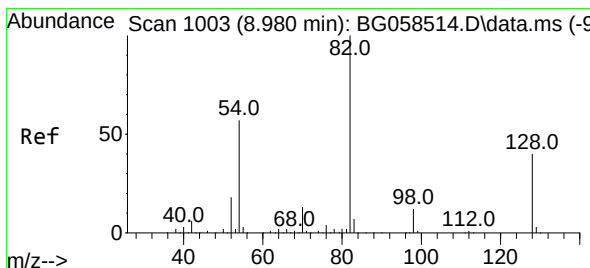
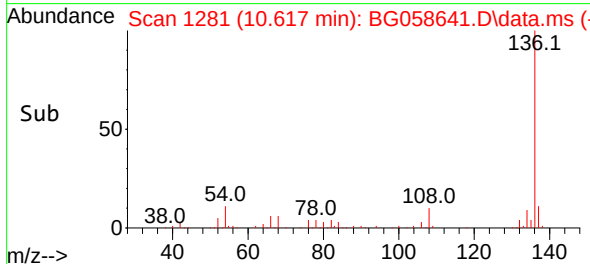
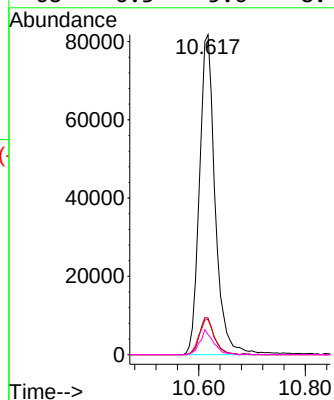
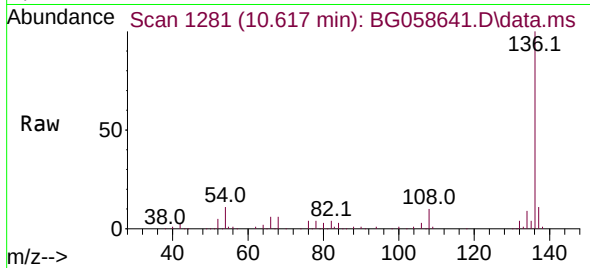




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

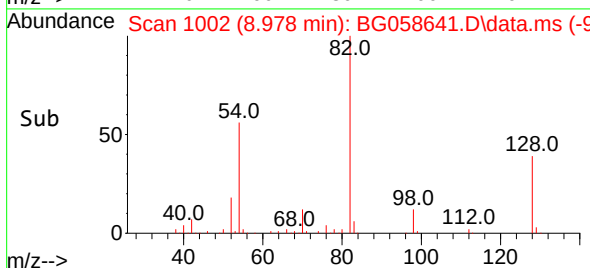
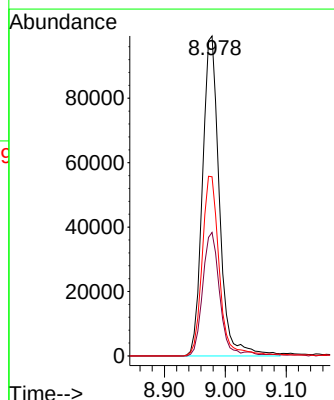
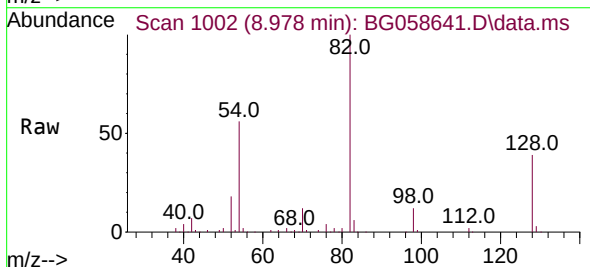
Instrument :
BNA_G
ClientSampleId :
B-PP05B

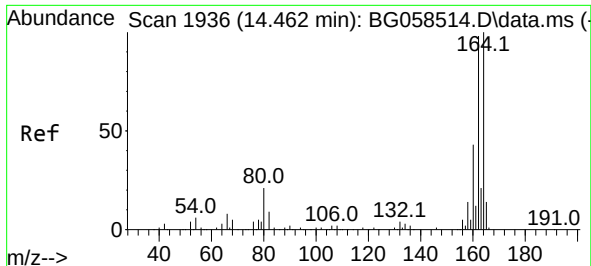
Tgt Ion:136 Resp: 167032
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 11.0 8.9 13.3
68 6.3 5.6 8.4



#23
Nitrobenzene-d5
Concen: 56.455 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

Tgt Ion: 82 Resp: 191954
Ion Ratio Lower Upper
82 100
128 38.6 32.2 48.2
54 56.0 46.0 69.0

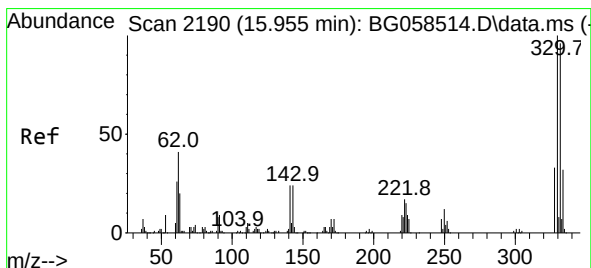
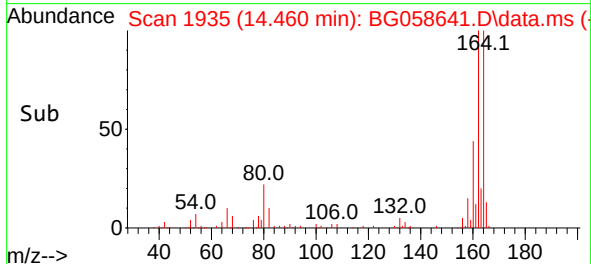
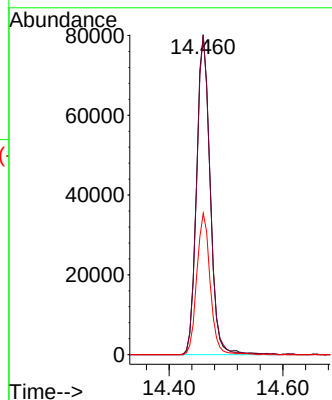
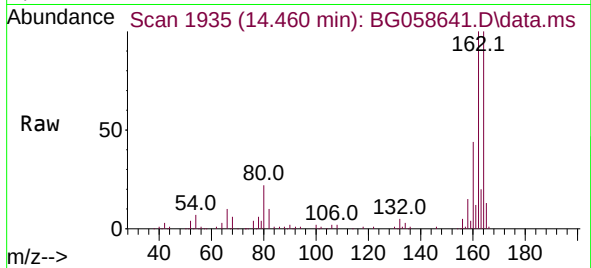




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

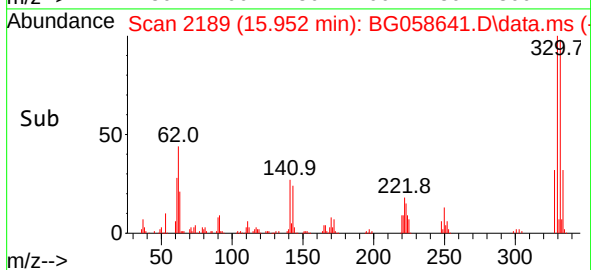
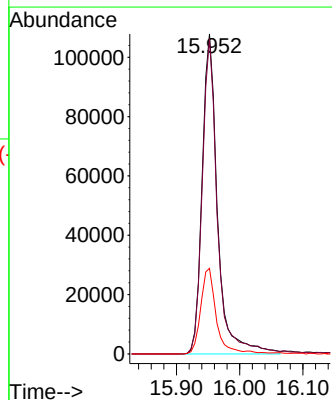
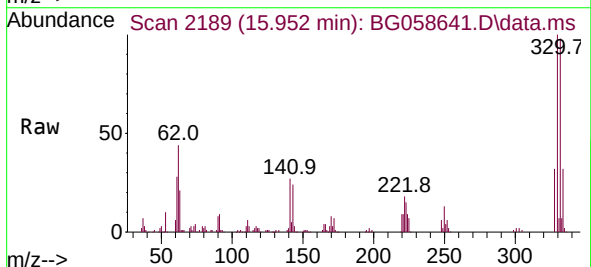
Instrument :
BNA_G
ClientSampleId :
B-PP05B

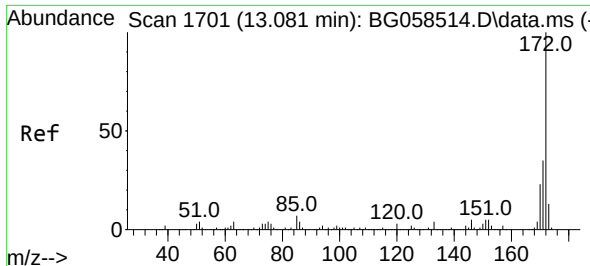
Tgt Ion:164 Resp: 132236
Ion Ratio Lower Upper
164 100
162 100.2 78.3 117.5
160 44.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 84.249 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

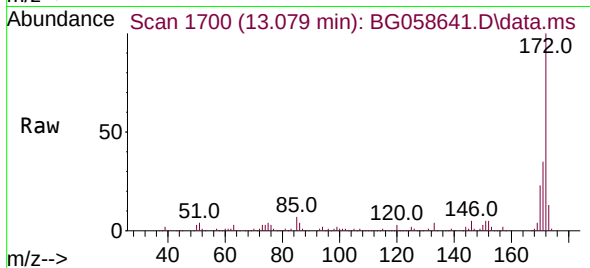
Tgt Ion:330 Resp: 182605
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 27.0 20.7 31.1



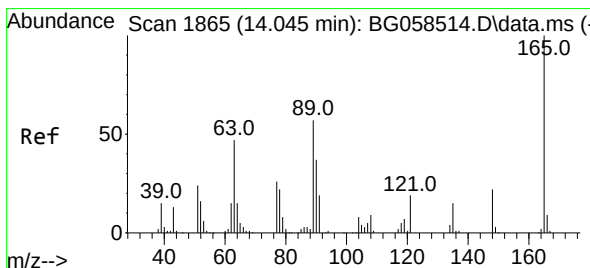
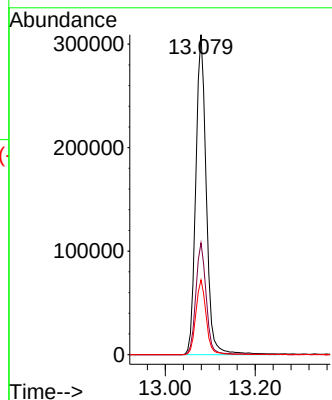
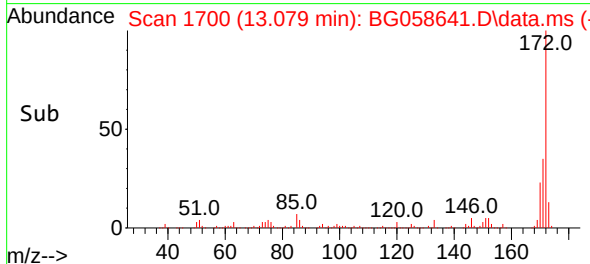


#45
 2-Fluorobiphenyl
 Concen: 56.923 ng
 RT: 13.079 min Scan# 1700
 Delta R.T. -0.002 min
 Lab File: BG058641.D
 Acq: 8 Aug 2023 13:42

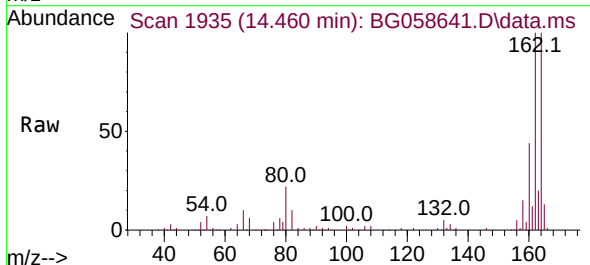
Instrument :
 BNA_G
 ClientSampleId :
 B-PP05B



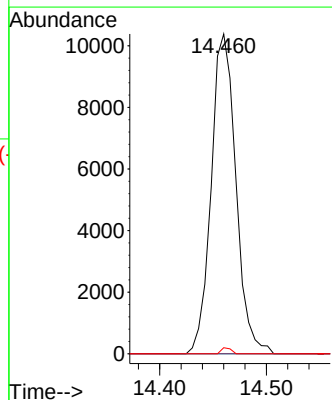
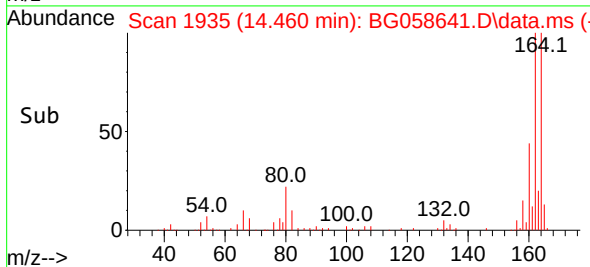
Tgt Ion:172 Resp: 502286
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.0 42.0
 170 23.3 18.4 27.6

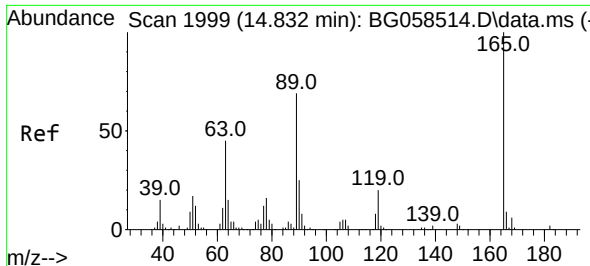


#51
 2,6-Dinitrotoluene
 Concen: 7.683 ng
 RT: 14.460 min Scan# 1935
 Delta R.T. 0.415 min
 Lab File: BG058641.D
 Acq: 8 Aug 2023 13:42



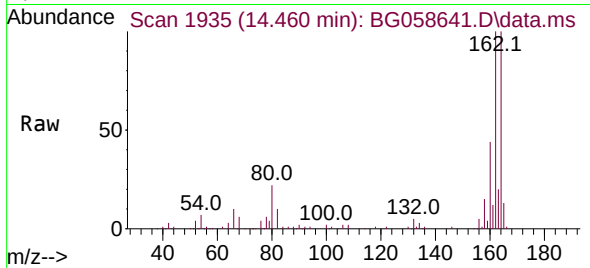
Tgt Ion:165 Resp: 16742
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.4 69.6#
 89 1.9 45.3 67.9#



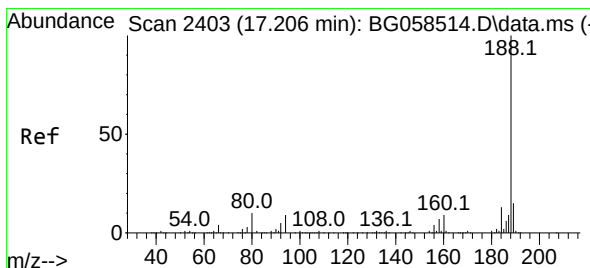
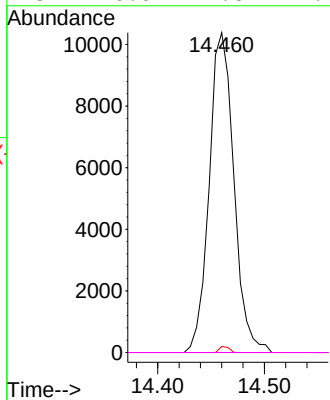
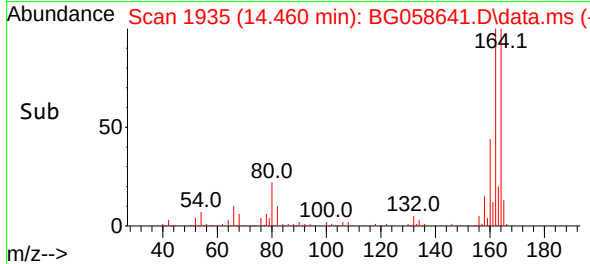


#57
2,4-Dinitrotoluene
Concen: 5.542 ng
RT: 14.460 min Scan# 1999
Delta R.T. -0.372 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

Instrument :
BNA_G
ClientSampleId :
B-PP05B

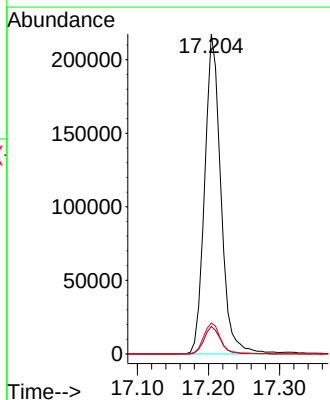
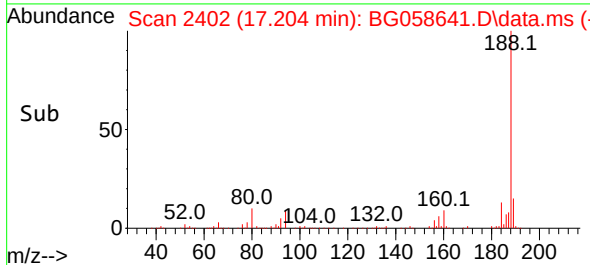
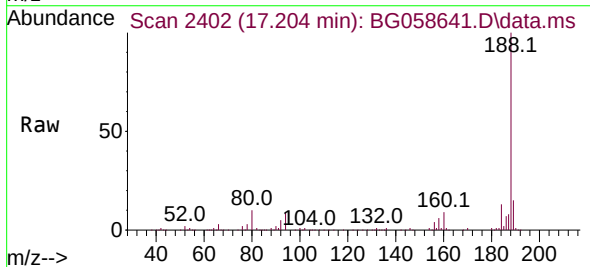


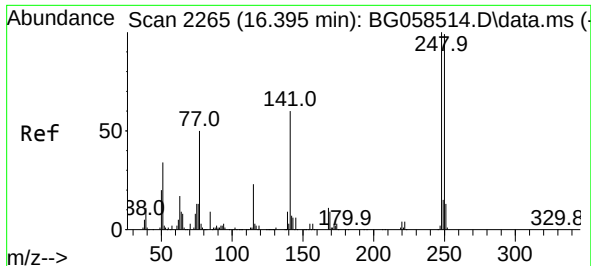
Tgt Ion:165 Resp: 16742
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 1.9 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

Tgt Ion:188 Resp: 343782
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.6 8.1 12.1

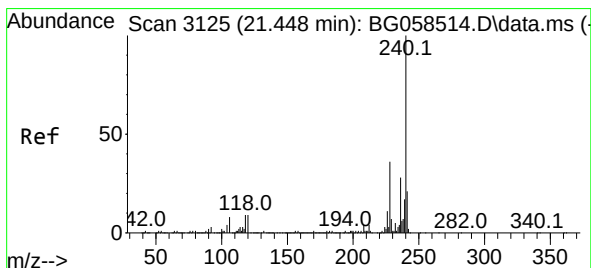
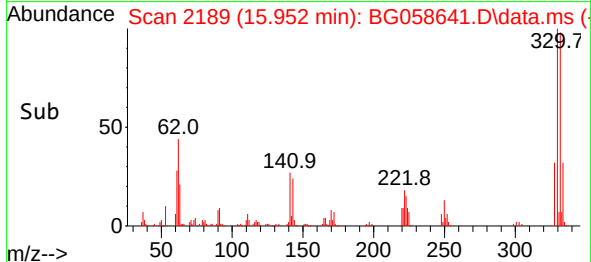
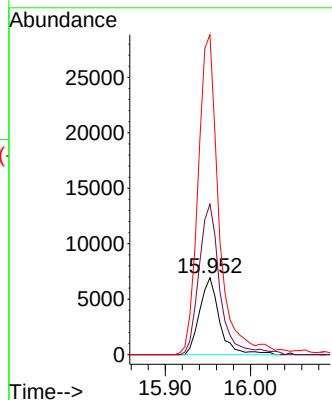
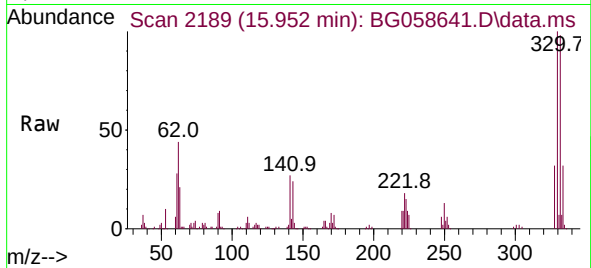




#67
4-Bromophenyl-phenylether
Concen: 2.894 ng
RT: 15.952 min Scan# 211
Delta R.T. -0.443 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

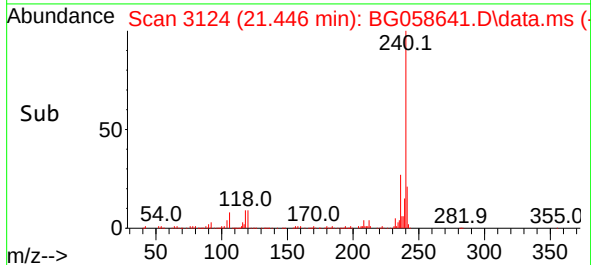
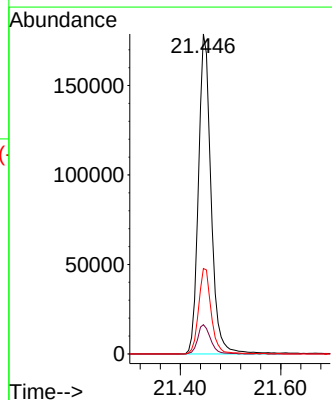
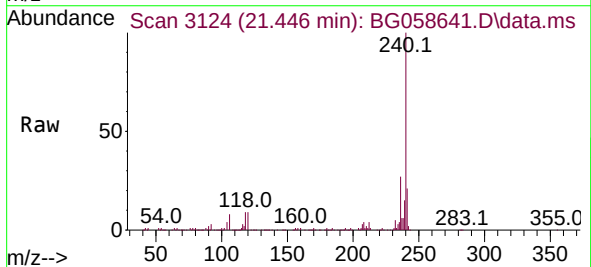
Instrument :
BNA_G
ClientSampleId :
B-PP05B

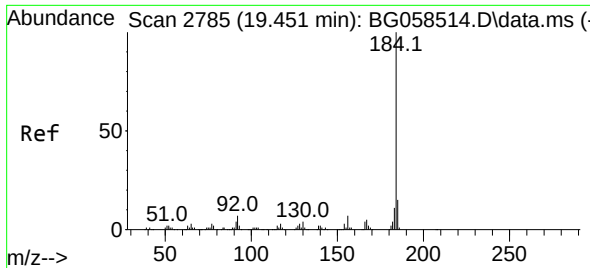
Tgt Ion:248 Resp: 11283
Ion Ratio Lower Upper
248 100
250 195.4 79.5 119.3#
141 415.8 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

Tgt Ion:240 Resp: 311127
Ion Ratio Lower Upper
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120 9.2 7.4 11.0
236 26.7 22.2 33.4

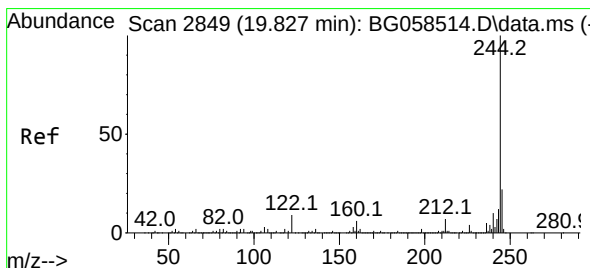
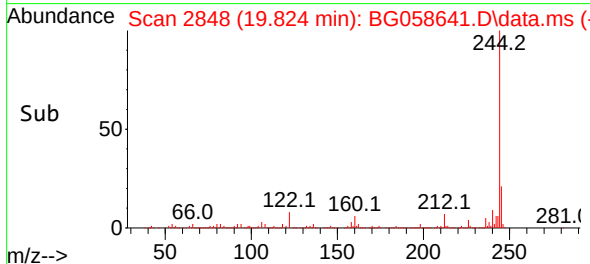
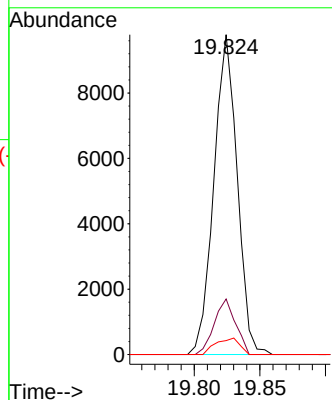
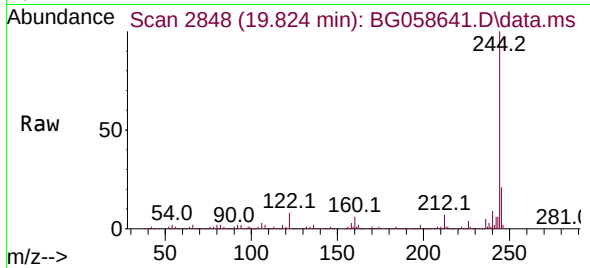




#77
Benzidine
Concen: 2.562 ng
RT: 19.824 min Scan# 2848
Delta R.T. 0.374 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

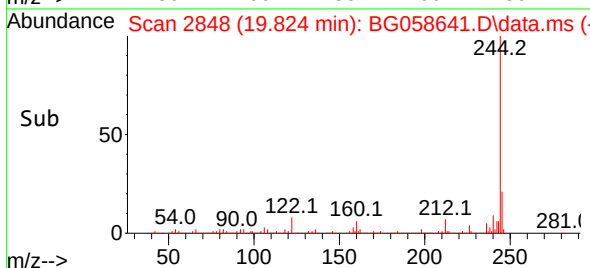
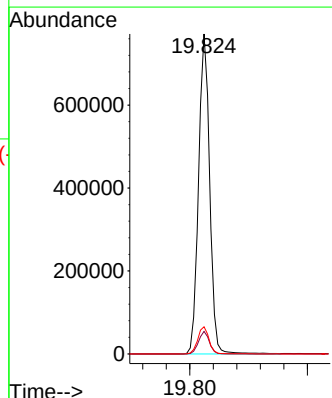
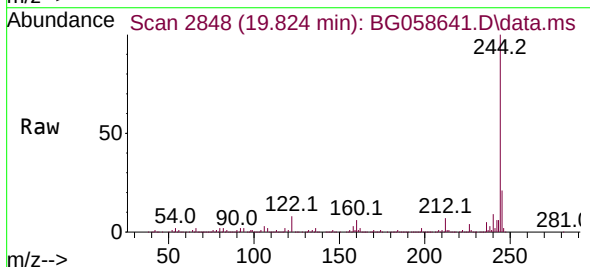
Instrument :
BNA_G
ClientSampleId :
B-PP05B

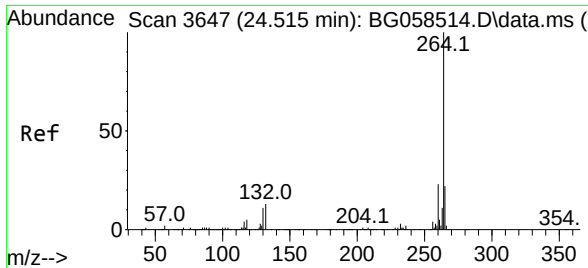
Tgt Ion:184 Resp: 12089
Ion Ratio Lower Upper
184 100
185 17.4 11.9 17.9
183 4.4 8.7 13.1#



#79
Terphenyl-d14
Concen: 60.971 ng
RT: 19.824 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

Tgt Ion:244 Resp: 1008739
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.5 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG058641.D
Acq: 8 Aug 2023 13:42

Instrument :
BNA_G
ClientSampleId :
B-PP05B

Tgt Ion:264	Resp:	374796
Ion Ratio	Lower	Upper
264	100	
260	23.2	18.4 27.6
265	21.9	17.9 26.9

