

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058631.D
 Acq On : 7 Aug 2023 17:40
 Operator : MA/JU
 Sample : 03903-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Quant Time: Aug 08 01:31:08 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)

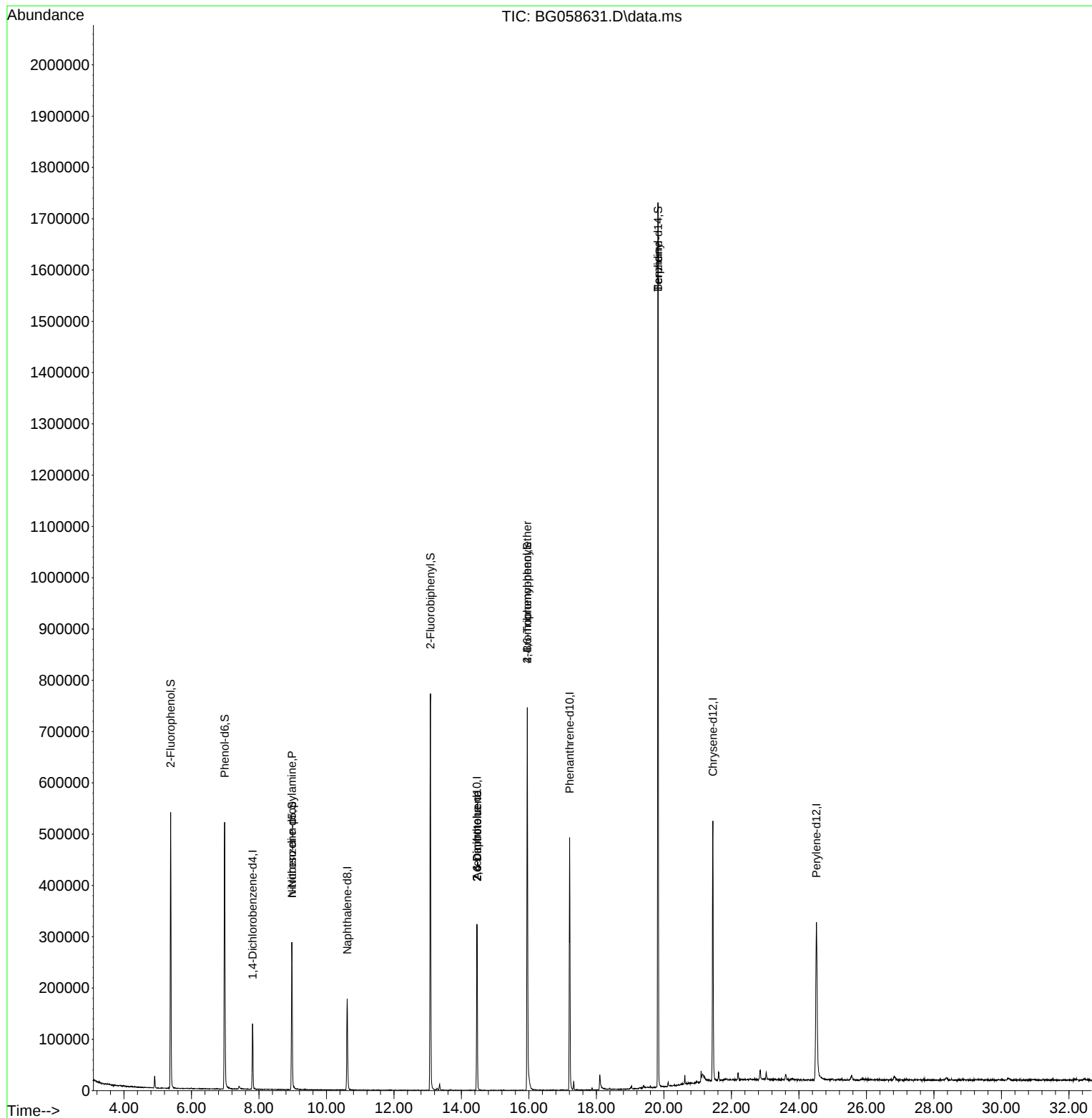
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	35891	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	160981	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	126050	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	335416	20.000	ng	0.00
76) Chrysene-d12	21.449	240	308488	20.000	ng	0.00
86) Perylene-d12	24.516	264	371689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	227672	96.957	ng	0.00
7) Phenol-d6	6.984	99	330307	101.090	ng	0.00
23) Nitrobenzene-d5	8.975	82	185007	56.457	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	182195	88.185	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	461483	54.865	ng	0.00
79) Terphenyl-d14	19.822	244	930479	56.722	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	22419	10.622	ng	# 82
51) 2,6-Dinitrotoluene	14.463	165	16243	7.820	ng	# 24
57) 2,4-Dinitrotoluene	14.463	165	16243	5.641	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	10715	2.817	ng	# 1
77) Benzidine	19.827	184	11217	2.398	ng	# 94

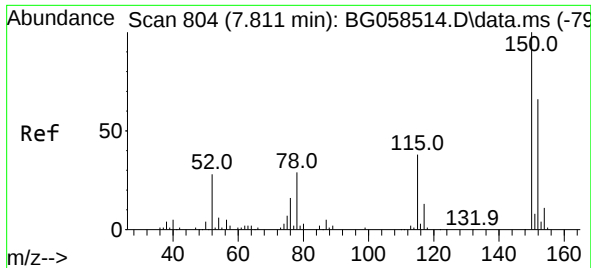
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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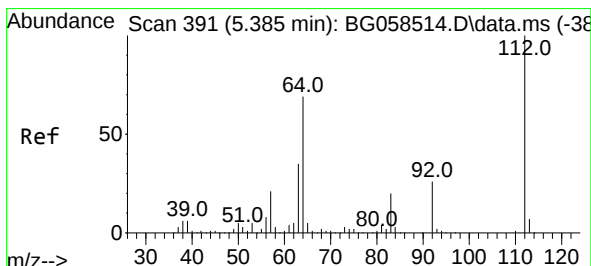
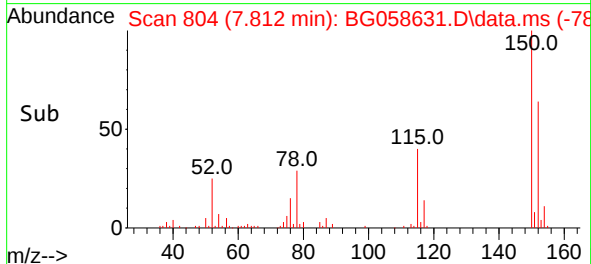
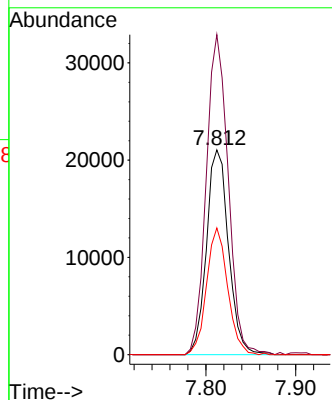
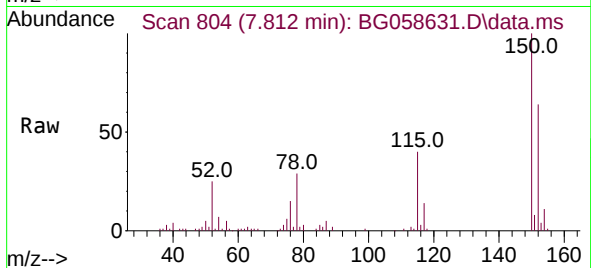




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

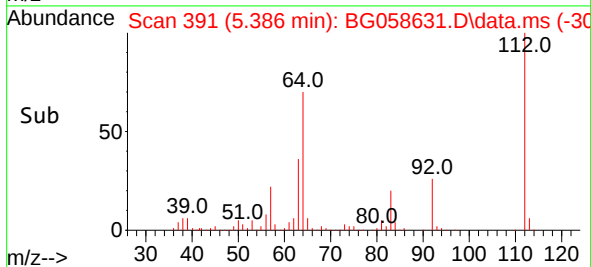
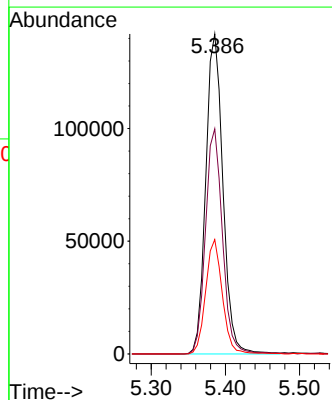
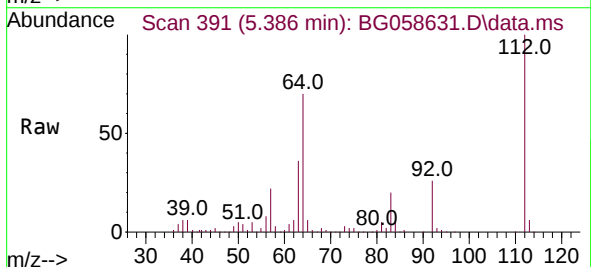
Instrument :
BNA_G
ClientSampleId :
MW-05

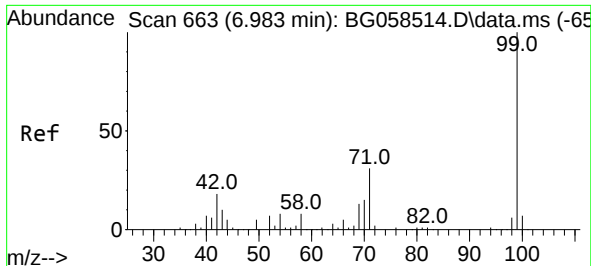
Tgt Ion:152 Resp: 35891
Ion Ratio Lower Upper
152 100
150 156.2 120.5 180.7
115 61.8 45.9 68.9



#5
2-Fluorophenol
Concen: 96.957 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:112 Resp: 227672
Ion Ratio Lower Upper
112 100
64 70.3 55.3 82.9
63 35.7 28.3 42.5

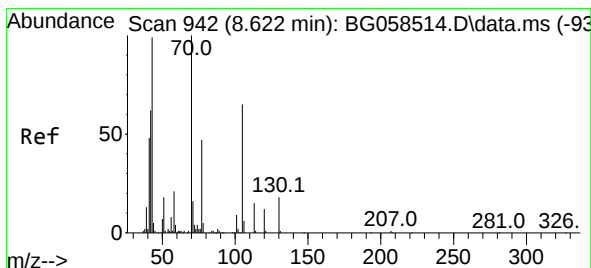
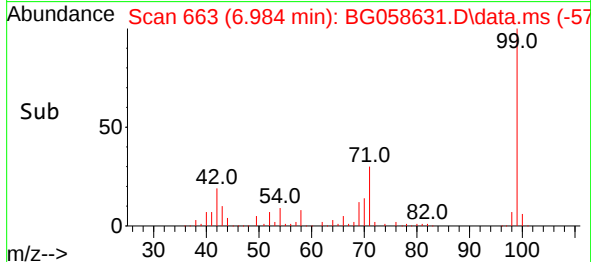
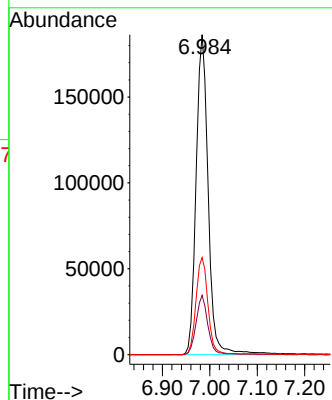
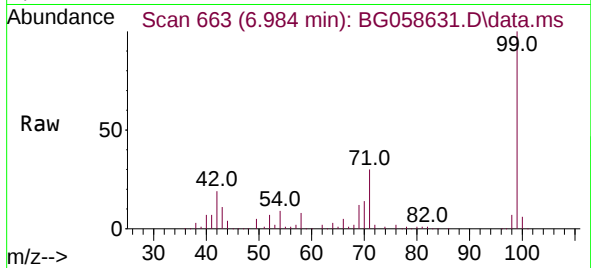




#7
Phenol-d6
Concen: 101.090 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

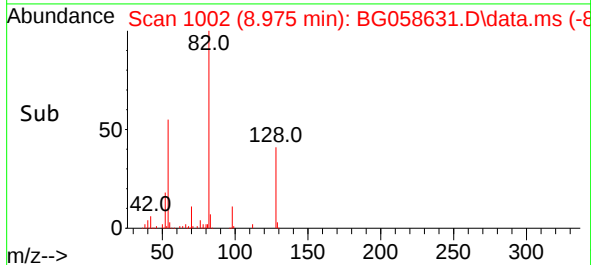
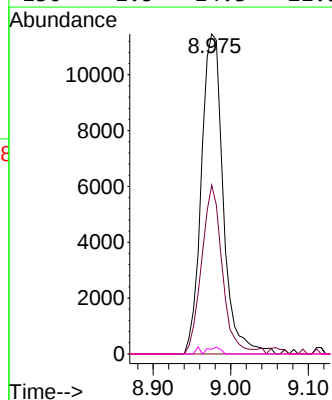
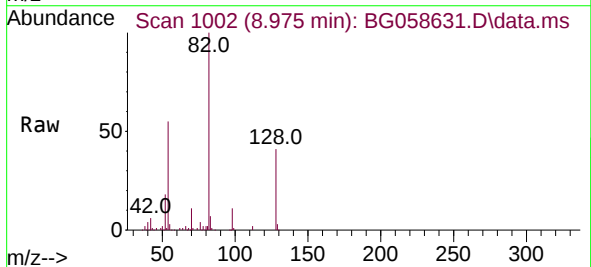
Instrument :
BNA_G
ClientSampleId :
MW-05

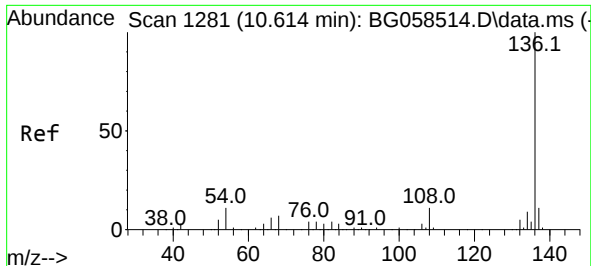
Tgt Ion: 99 Resp: 330307
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 30.4 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.622 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion: 70 Resp: 22419
Ion Ratio Lower Upper
70 100
42 52.8 49.7 74.5
101 0.0 7.0 10.4#
130 1.5 14.3 21.5#

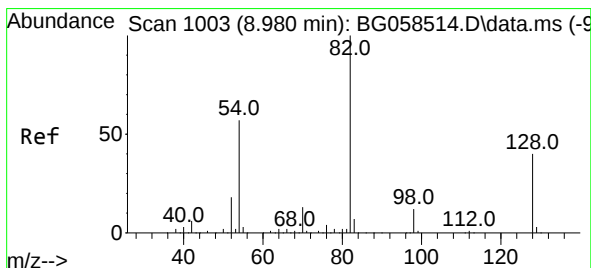
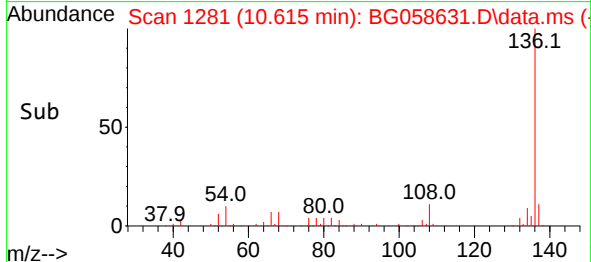
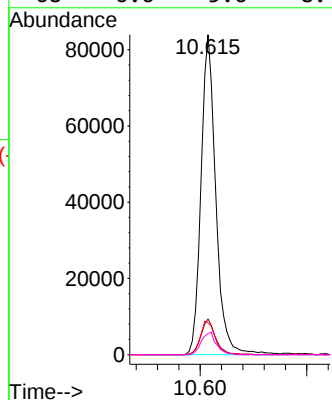
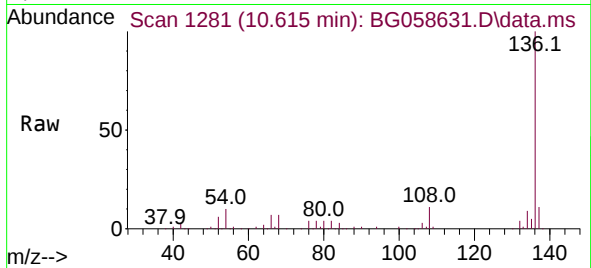




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1002
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

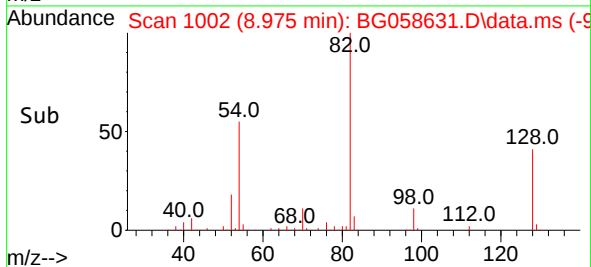
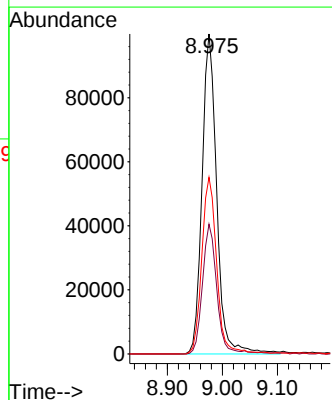
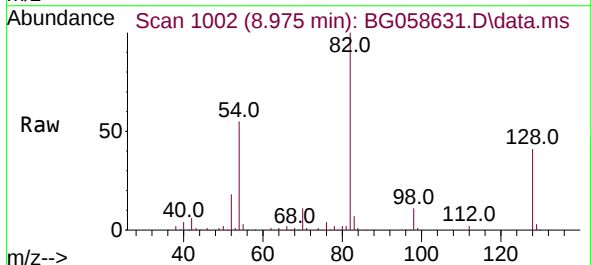
Instrument :
BNA_G
ClientSampleId :
MW-05

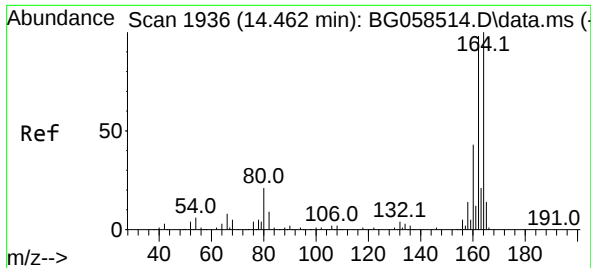
Tgt Ion:	136	Resp:	160981
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.9	8.9	13.3
68	6.6	5.6	8.4



#23
Nitrobenzene-d5
Concen: 56.457 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:	82	Resp:	185007
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.2	48.2
54	55.2	46.0	69.0

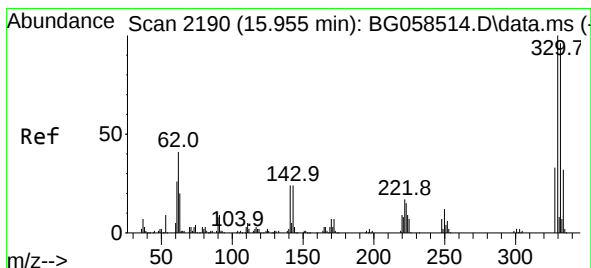
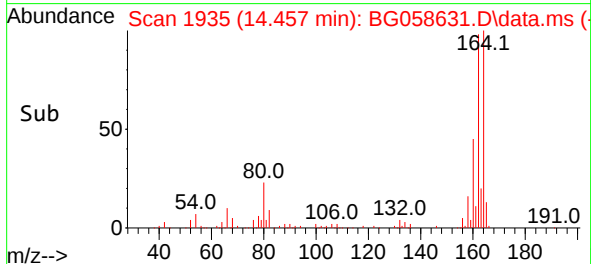
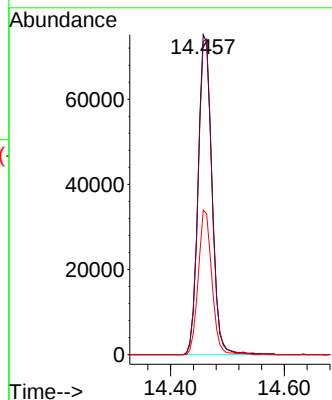
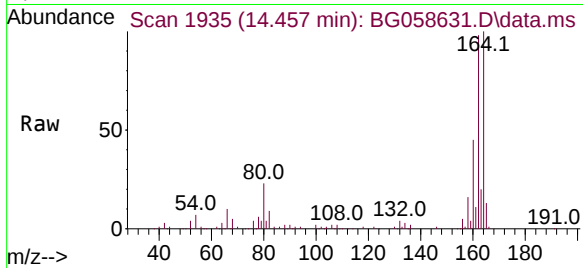




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

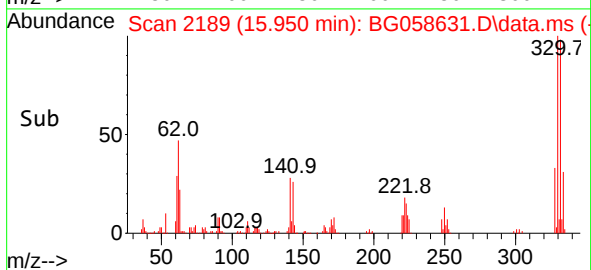
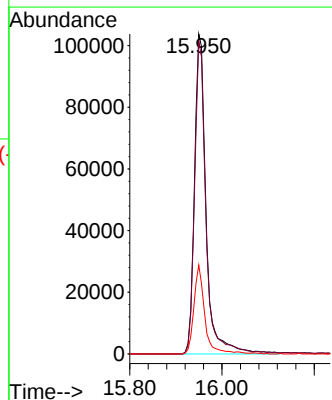
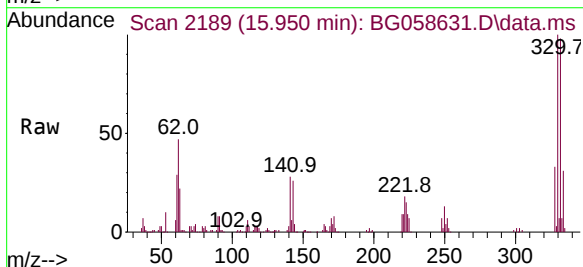
Instrument :
BNA_G
ClientSampleId :
MW-05

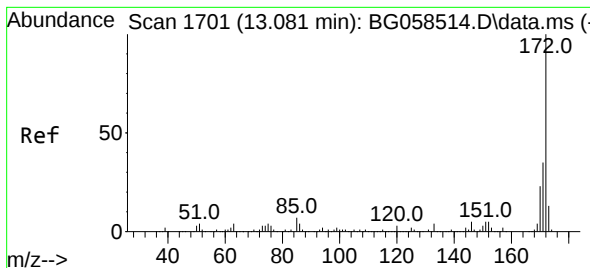
Tgt Ion:164 Resp: 126050
Ion Ratio Lower Upper
164 100
162 97.8 78.3 117.5
160 45.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 88.185 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:330 Resp: 182195
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 25.7 20.7 31.1

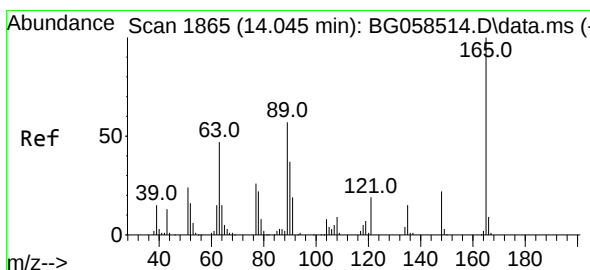
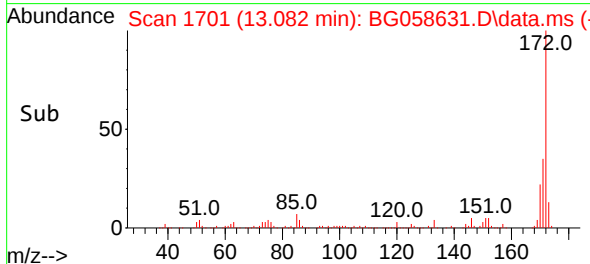
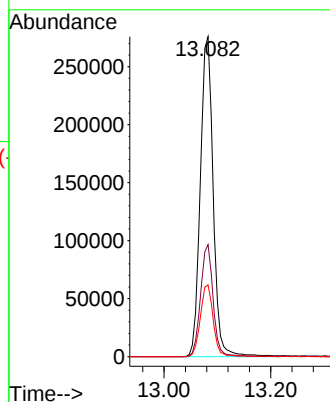
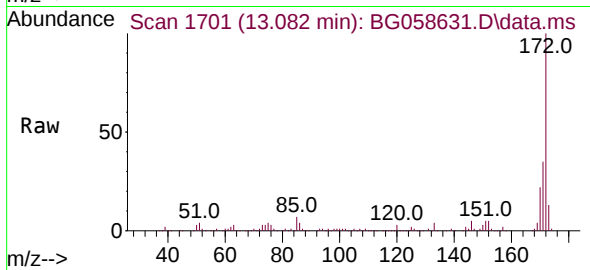




#45
2-Fluorobiphenyl
Concen: 54.865 ng
RT: 13.082 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

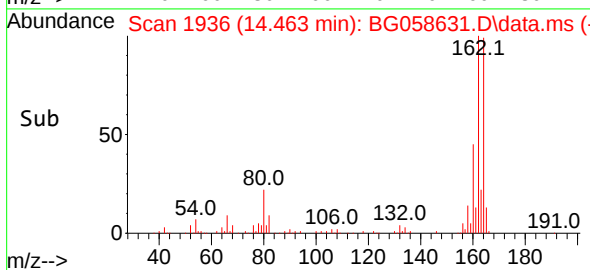
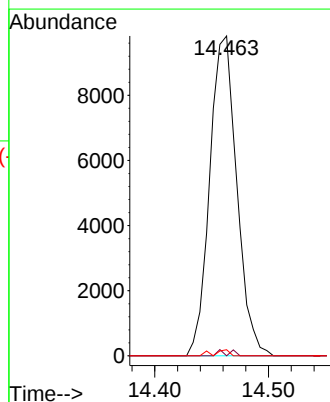
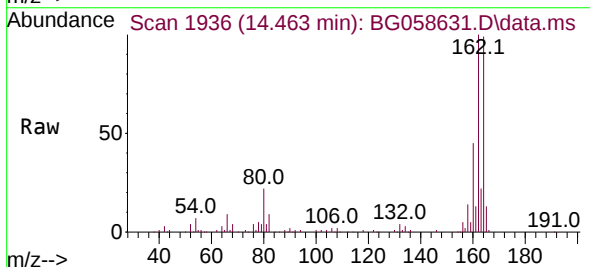
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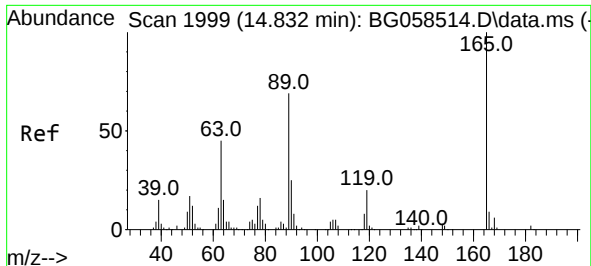
Tgt Ion:172 Resp: 461483
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 22.4 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.820 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.418 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:165 Resp: 16243
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.9 45.3 67.9#

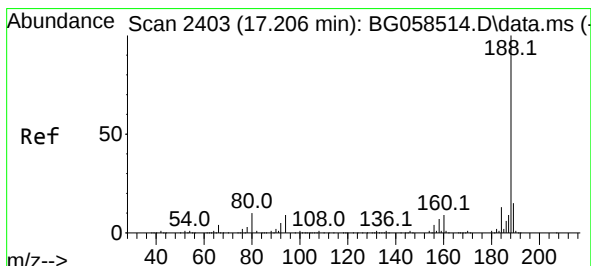
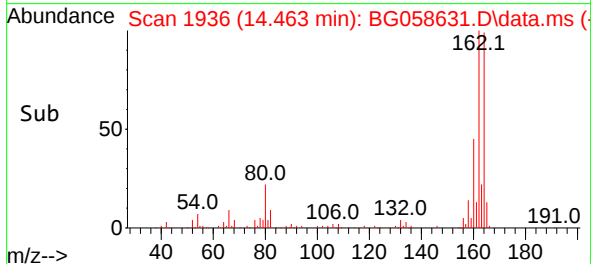
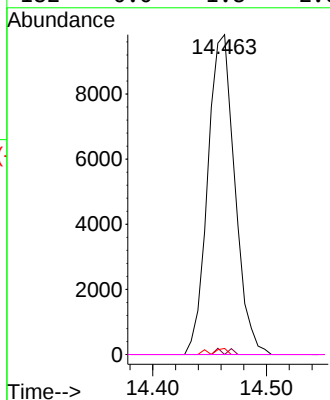
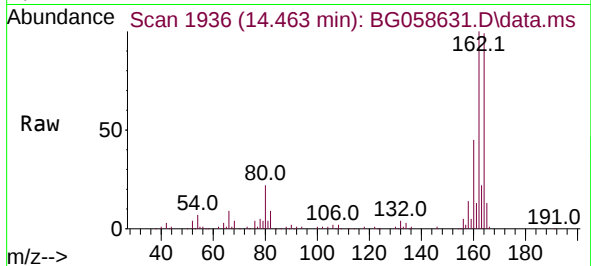




#57
2,4-Dinitrotoluene
Concen: 5.641 ng
RT: 14.463 min Scan# 1999
Delta R.T. -0.369 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

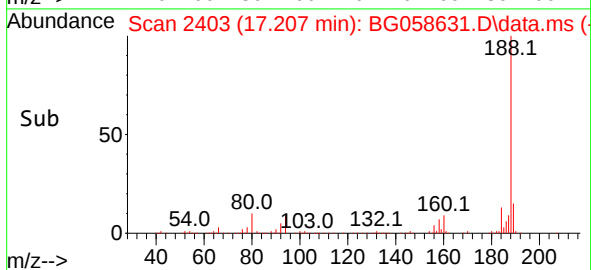
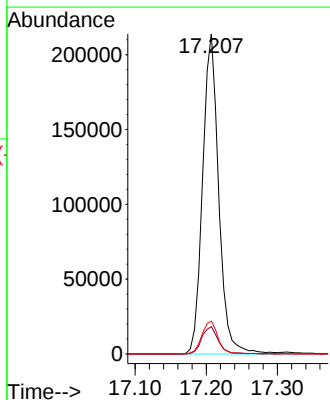
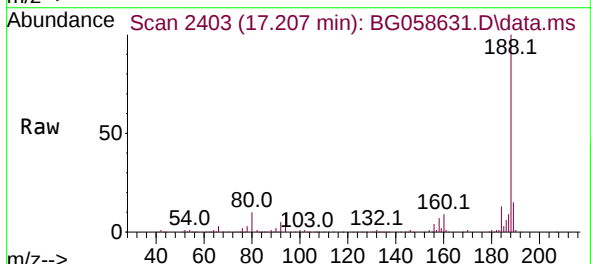
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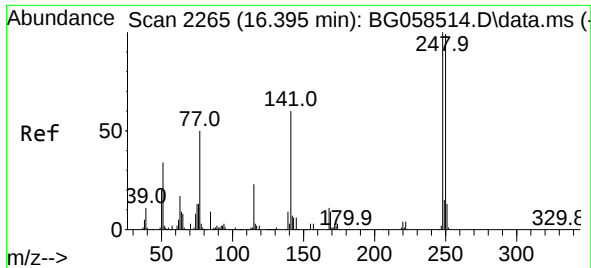
Tgt Ion:165 Resp: 16243
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 1.9 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:188 Resp: 335416
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 10.2 8.1 12.1

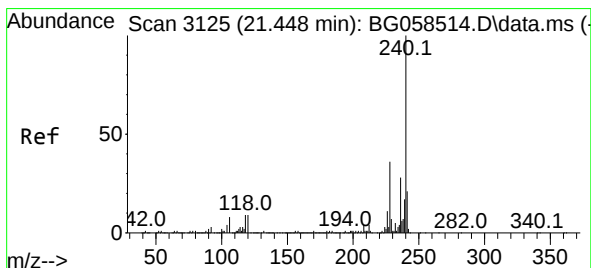
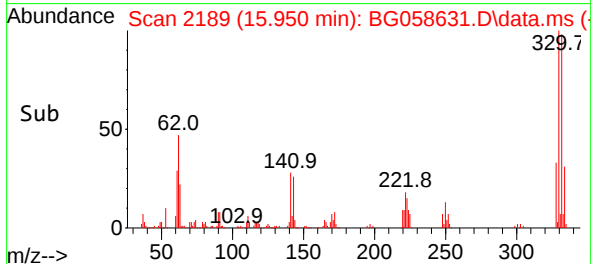
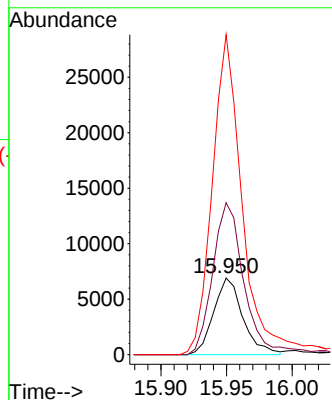
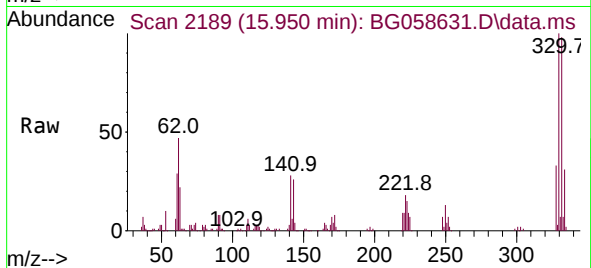




#67
4-Bromophenyl-phenylether
Concen: 2.817 ng
RT: 15.950 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

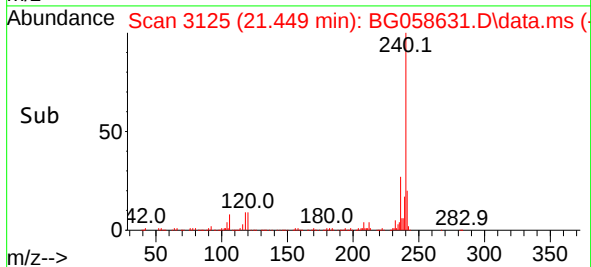
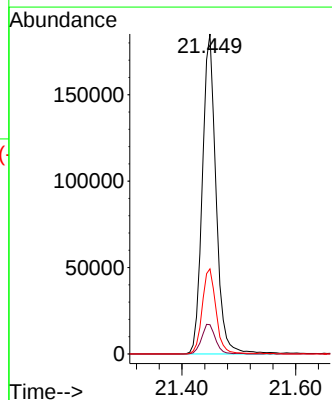
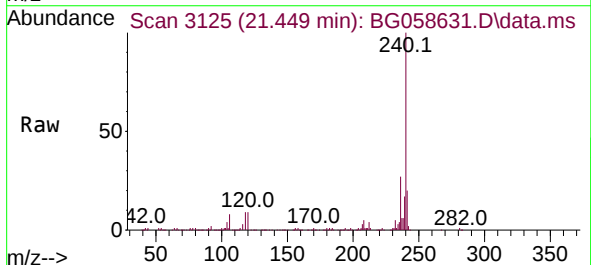
Instrument :
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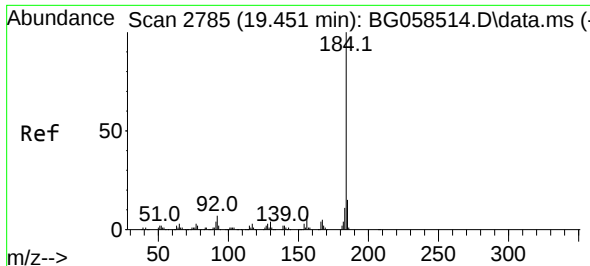
Tgt Ion:248 Resp: 10715
Ion Ratio Lower Upper
248 100
250 198.3 79.5 119.3#
141 417.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:240 Resp: 308488
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 26.6 22.2 33.4

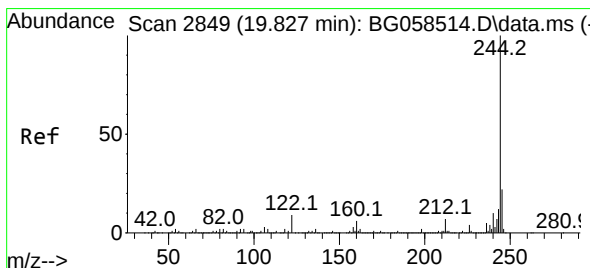
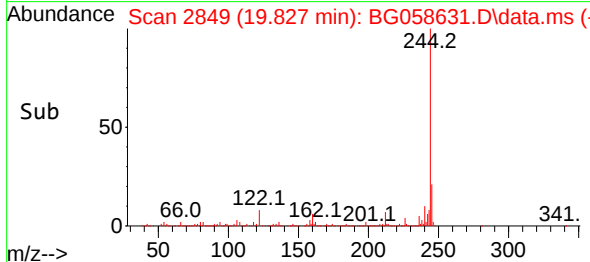
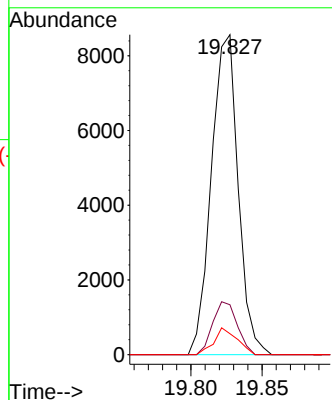
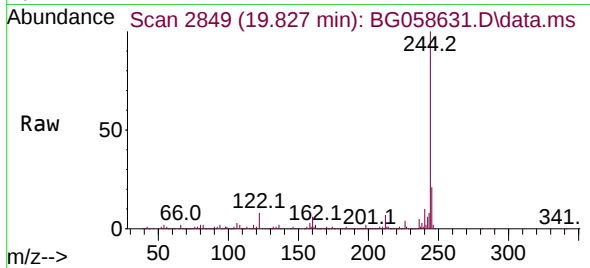




#77
Benzidine
Concen: 2.398 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

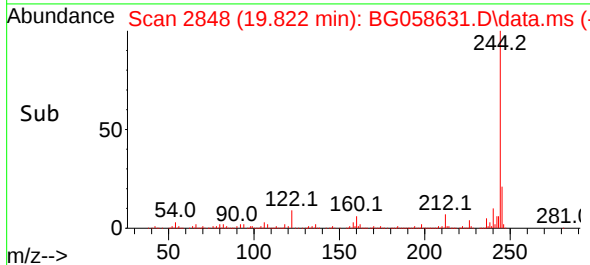
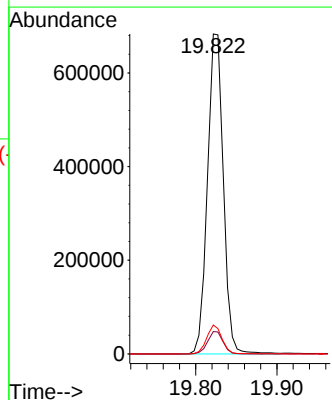
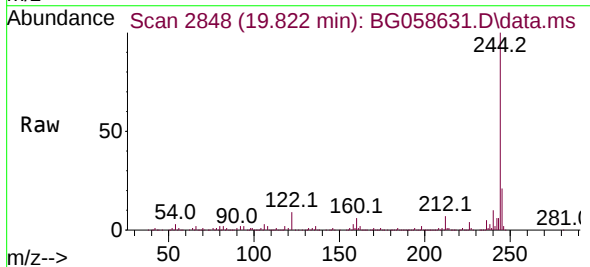
Instrument :
BNA_G
ClientSampleId :
MW-05

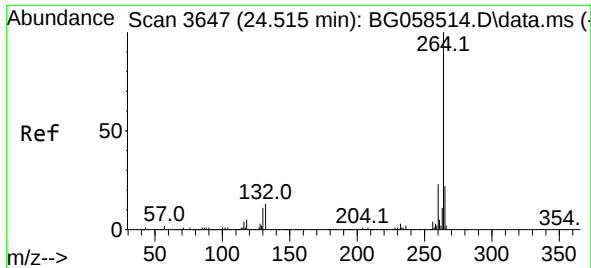
Tgt Ion:184 Resp: 11217
Ion Ratio Lower Upper
184 100
185 15.6 11.9 17.9
183 6.5 8.7 13.1#



#79
Terphenyl-d14
Concen: 56.722 ng
RT: 19.822 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Tgt Ion:244 Resp: 930479
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.0 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.516 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG058631.D
Acq: 7 Aug 2023 17:40

Instrument :
BNA_G
ClientSampleId :
MW-05

Tgt Ion:264 Resp: 371689

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.5	17.9	26.9

