

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058879.D
 Acq On : 28 Aug 2023 18:47
 Operator : MA/JU
 Sample : 04188-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-6

Quant Time: Aug 29 01:14:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

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

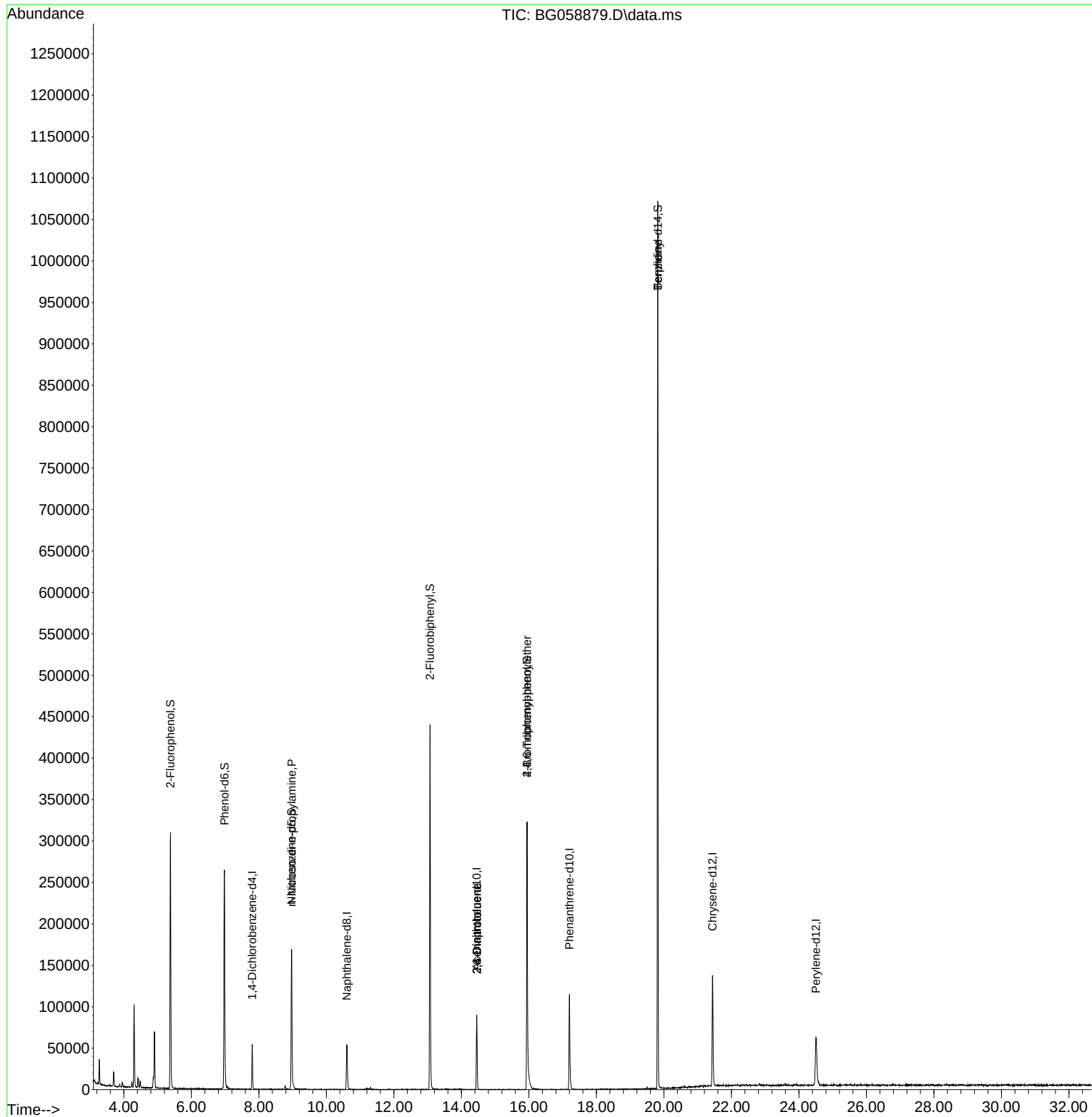
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	14202	20.000	ng	-0.03
21) Naphthalene-d8	10.604	136	56062	20.000	ng	-0.03
39) Acenaphthene-d10	14.453	164	36550	20.000	ng	-0.02
64) Phenanthrene-d10	17.202	188	93506	20.000	ng	-0.02
76) Chrysene-d12	21.439	240	93719	20.000	ng	-0.03
86) Perylene-d12	24.506	264	75175	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	128169	145.231	ng	-0.02
7) Phenol-d6	6.979	99	149964	121.116	ng	-0.03
23) Nitrobenzene-d5	8.965	82	108894	93.385	ng	-0.03
42) 2,4,6-Tribromophenol	15.945	330	88729	154.824	ng	-0.02
45) 2-Fluorobiphenyl	13.072	172	246622	98.140	ng	-0.03
79) Terphenyl-d14	19.817	244	539122	103.292	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.971	70	13794	17.234	ng	# 83
51) 2,6-Dinitrotoluene	14.459	165	4830	8.124	ng	# 22
57) 2,4-Dinitrotoluene	14.459	165	4830	5.825	ng	# 19
67) 4-Bromophenyl-phenylether	15.945	248	5425	5.287	ng	# 1
77) Benzidine	19.817	184	7986	4.755	ng	# 91

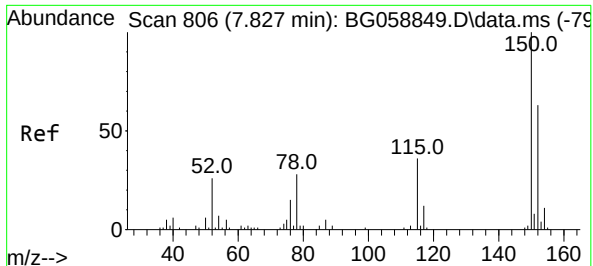
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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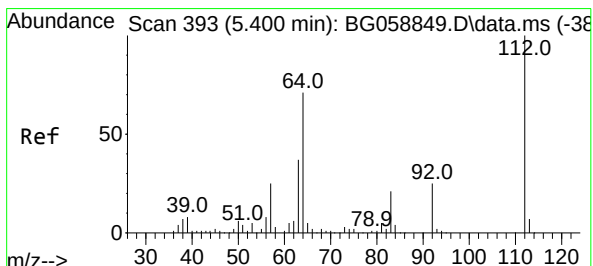
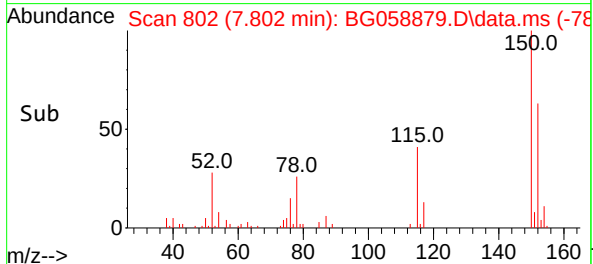
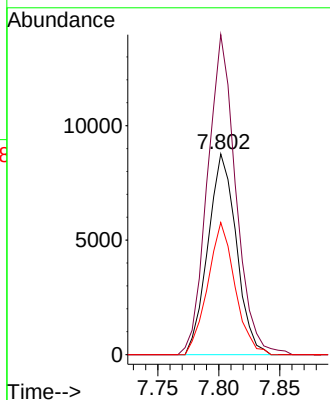
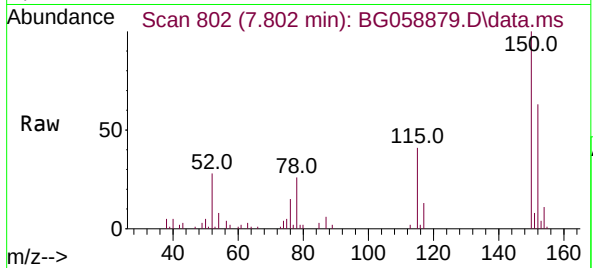




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 80
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

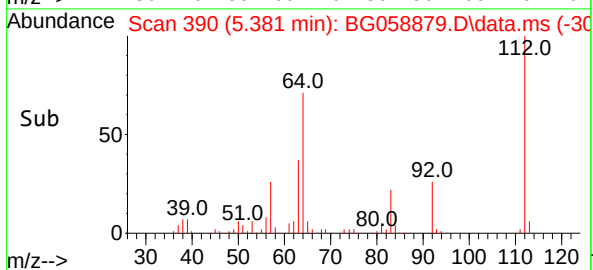
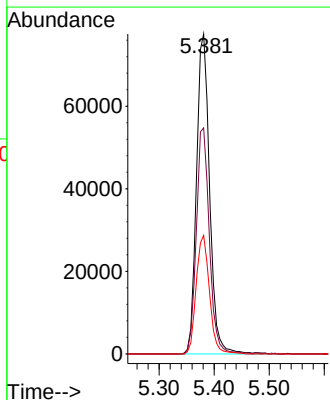
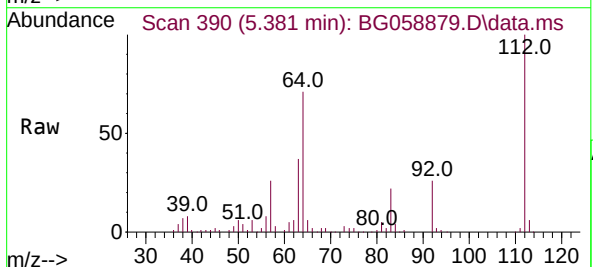
Instrument :
BNA_G
ClientSampleId :
WC-6

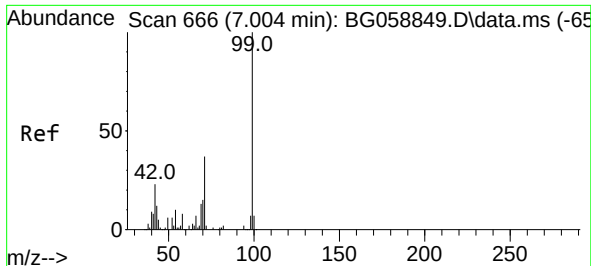
Tgt Ion:152 Resp: 14202
Ion Ratio Lower Upper
152 100
150 159.4 128.6 192.8
115 65.8 50.4 75.6



#5
2-Fluorophenol
Concen: 145.231 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.019 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion:112 Resp: 128169
Ion Ratio Lower Upper
112 100
64 70.6 60.6 90.8
63 37.0 31.0 46.4





#7
Phenol-d6
Concen: 121.116 ng
RT: 6.979 min Scan# 60
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

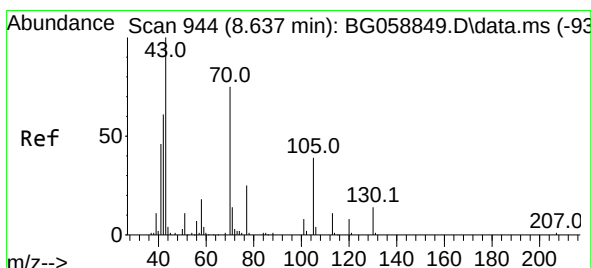
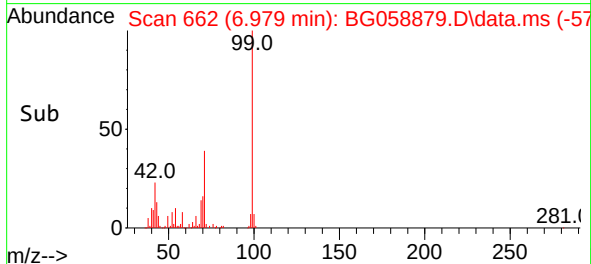
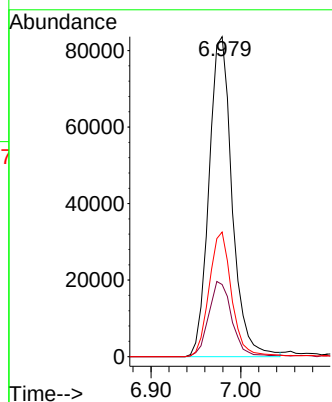
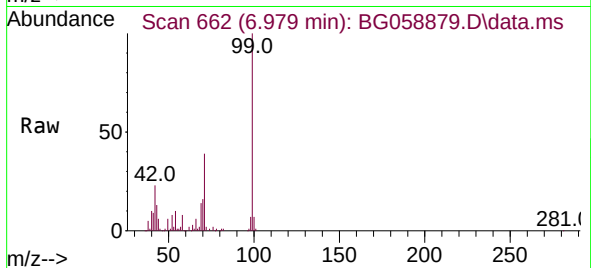
Instrument :

BNA_G

ClientSampleId :

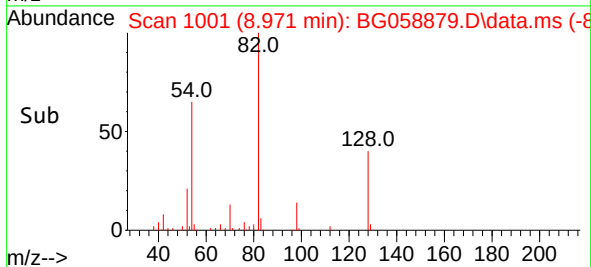
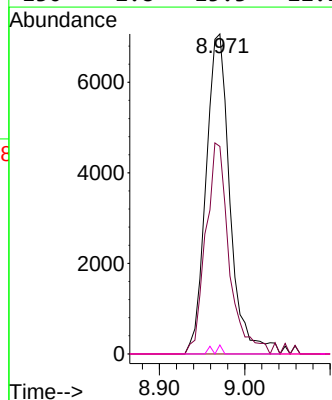
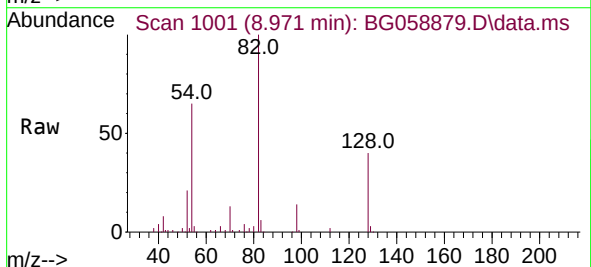
WC-6

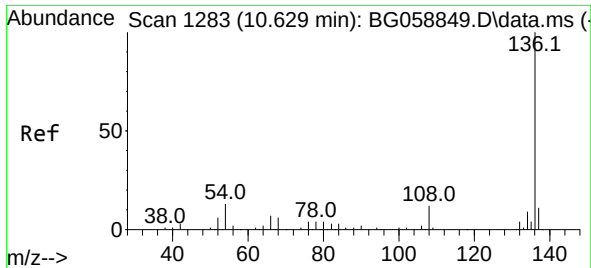
Tgt Ion: 99 Resp: 149964
Ion Ratio Lower Upper
99 100
42 22.6 16.5 24.7
71 38.9 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.234 ng
RT: 8.971 min Scan# 1001
Delta R.T. 0.333 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion: 70 Resp: 13794
Ion Ratio Lower Upper
70 100
42 64.8 59.2 88.8
101 0.0 8.2 12.2#
130 2.8 15.3 22.9#

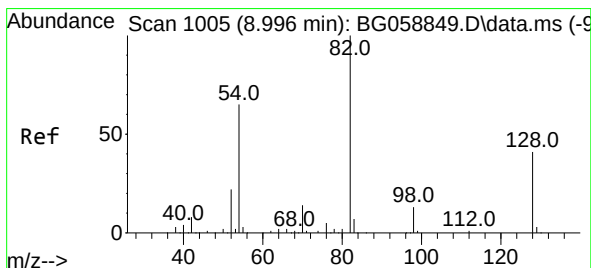
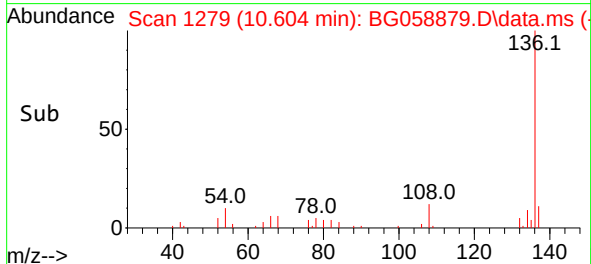
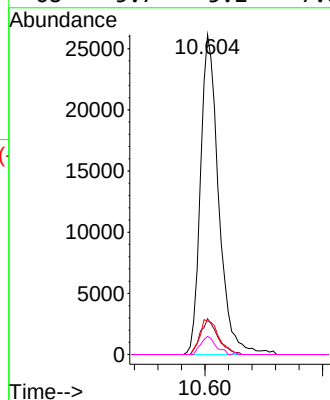
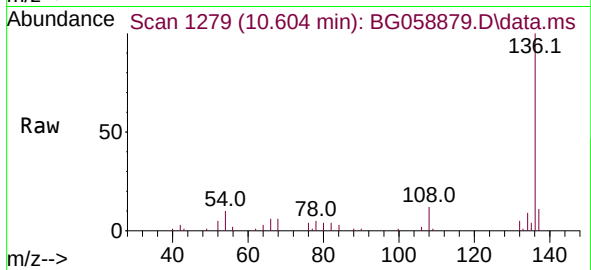




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

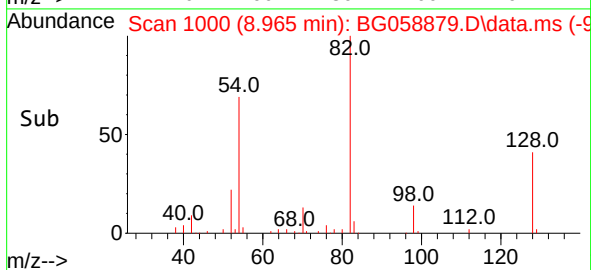
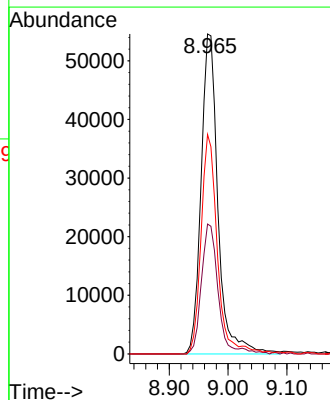
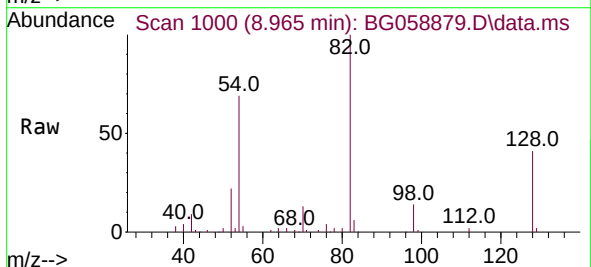
Instrument :
BNA_G
ClientSampleId :
WC-6

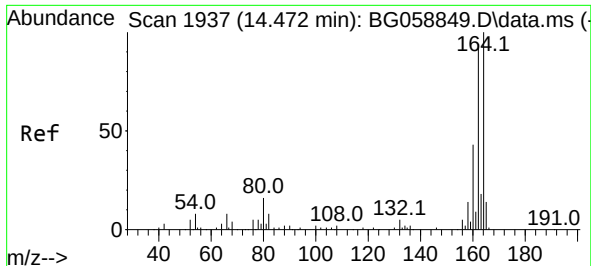
Tgt Ion:136	Resp:	56062
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	10.5	10.1 15.1
68	5.7	5.2 7.8



#23
Nitrobenzene-d5
Concen: 93.385 ng
RT: 8.965 min Scan# 1000
Delta R.T. -0.031 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion: 82	Resp:	108894
Ion Ratio	Lower	Upper
82	100	
128	40.6	33.2 49.8
54	68.6	51.2 76.8

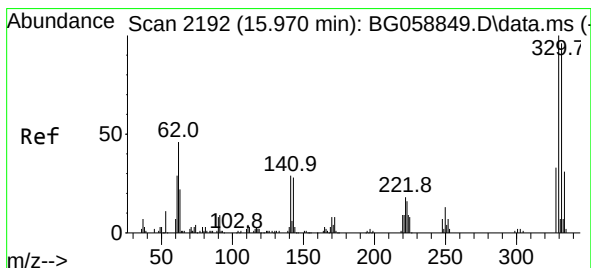
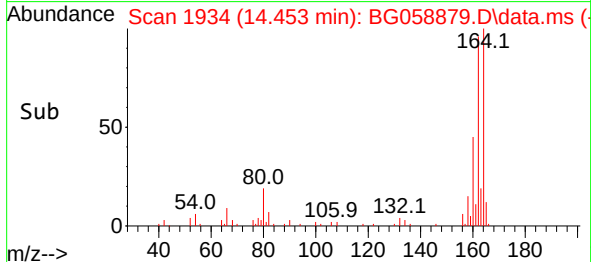
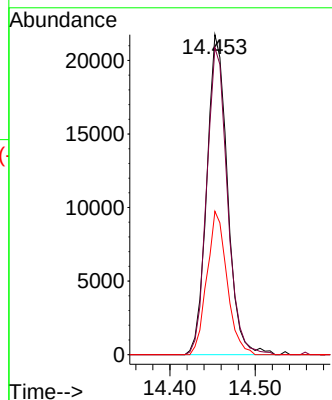
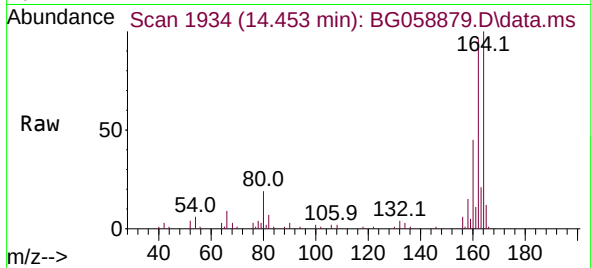




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.453 min Scan# 1934
Delta R.T. -0.019 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

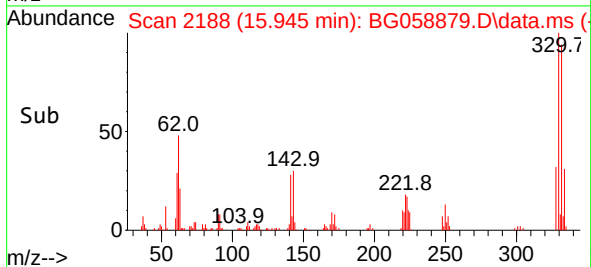
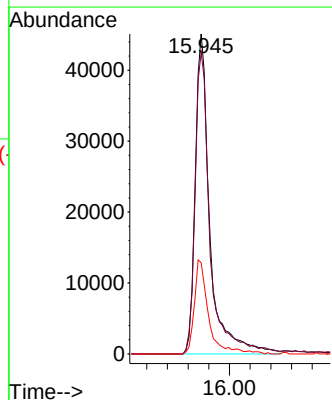
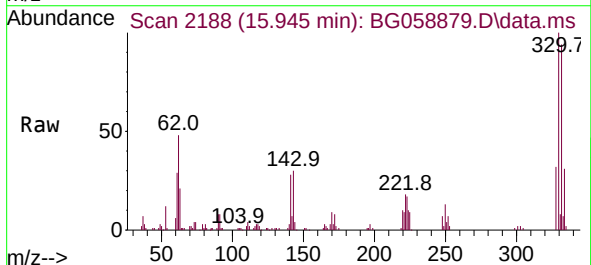
Instrument :
BNA_G
ClientSampleId :
WC-6

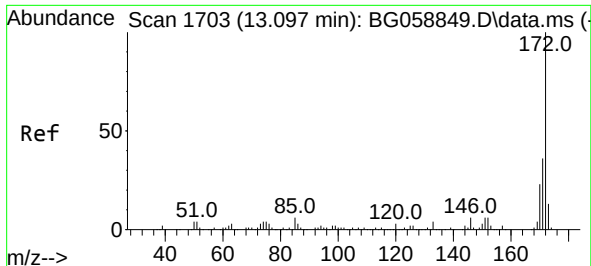
Tgt Ion:164	Resp:	36550
Ion Ratio	Lower	Upper
164	100	
162	95.9	79.6 119.4
160	44.8	34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 154.824 ng
RT: 15.945 min Scan# 2188
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

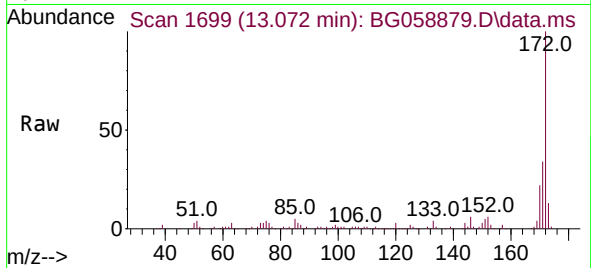
Tgt Ion:330	Resp:	88729
Ion Ratio	Lower	Upper
330	100	
332	96.5	78.5 117.7
141	28.5	23.0 34.6



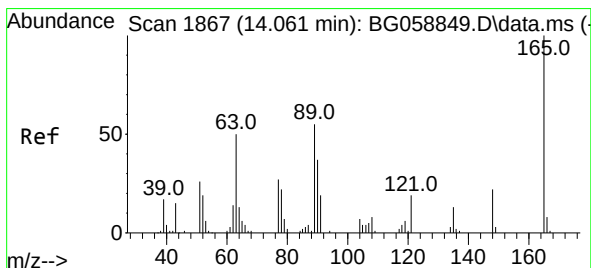
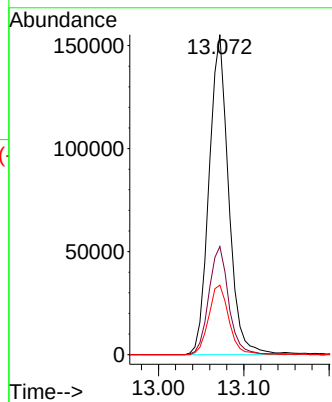
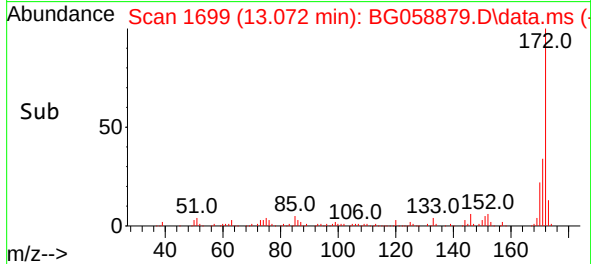


#45
2-Fluorobiphenyl
Concen: 98.140 ng
RT: 13.072 min Scan# 10
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

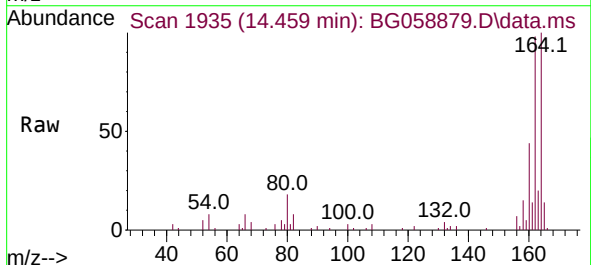
Instrument :
BNA_G
ClientSampleId :
WC-6



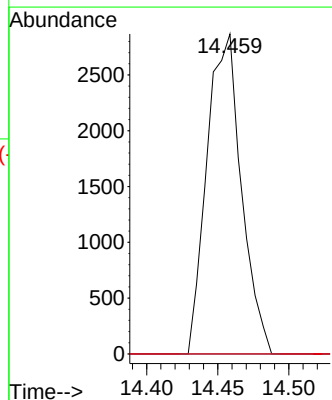
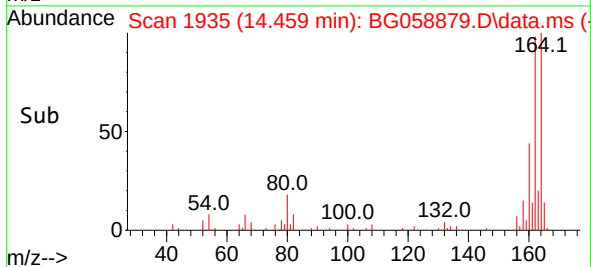
Tgt Ion:172 Resp: 246622
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 21.7 18.6 27.8

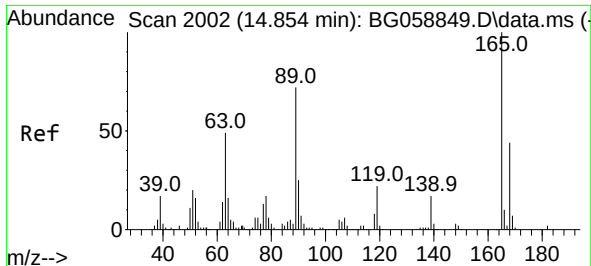


#51
2,6-Dinitrotoluene
Concen: 8.124 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.398 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47



Tgt Ion:165 Resp: 4830
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

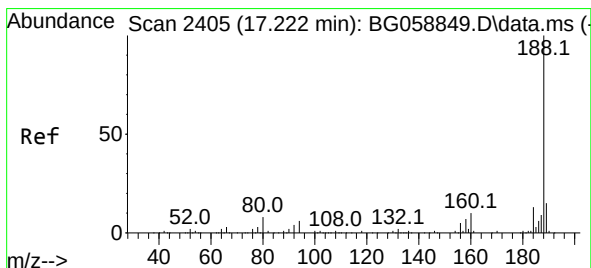
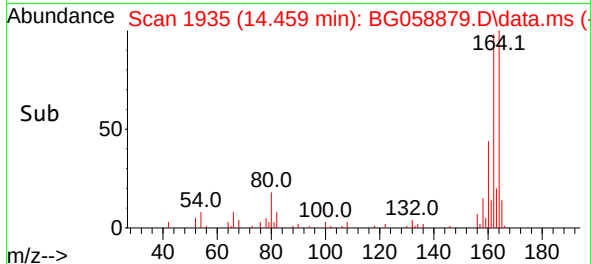
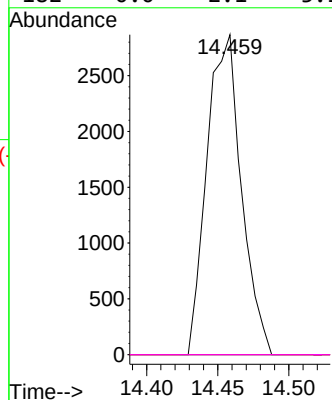
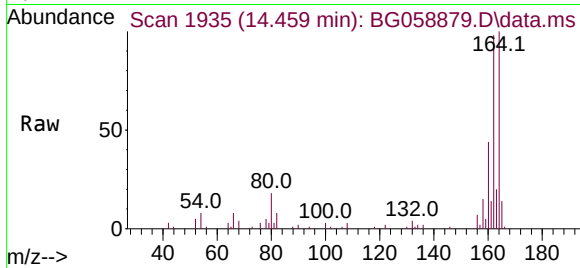




#57
2,4-Dinitrotoluene
Concen: 5.825 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.395 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

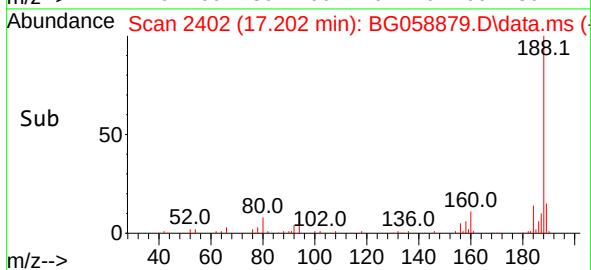
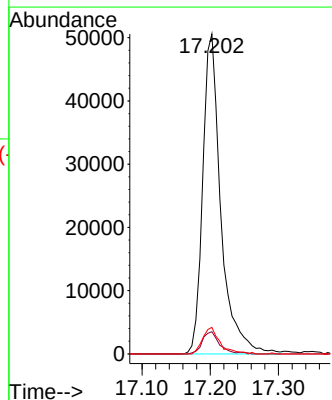
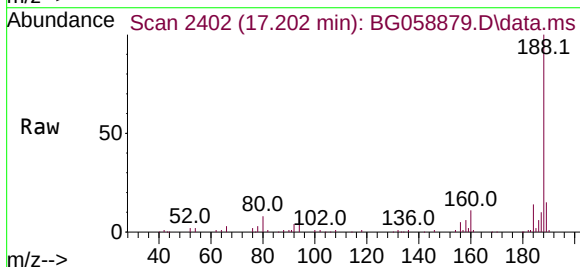
Instrument :
BNA_G
ClientSampleId :
WC-6

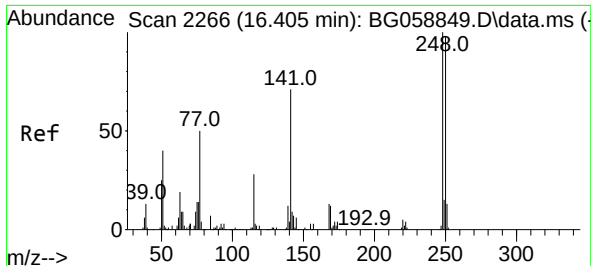
Tgt Ion:165 Resp: 4830
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.019 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion:188 Resp: 93506
Ion Ratio Lower Upper
188 100
94 6.9 6.1 9.1
80 8.3 6.9 10.3

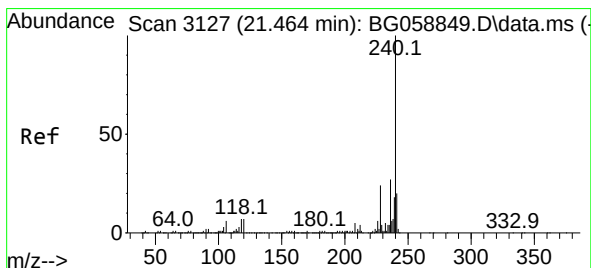
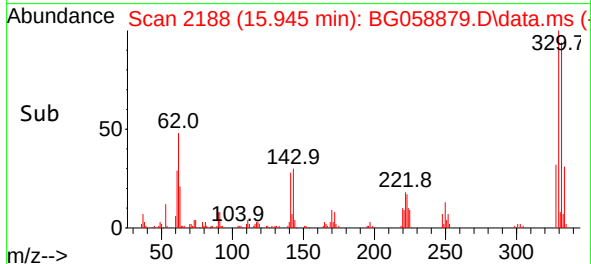
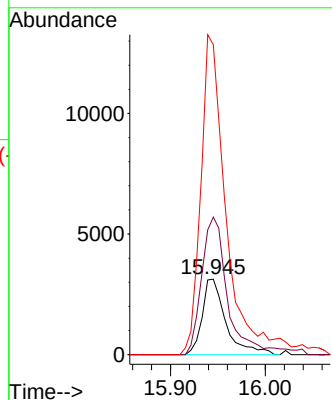
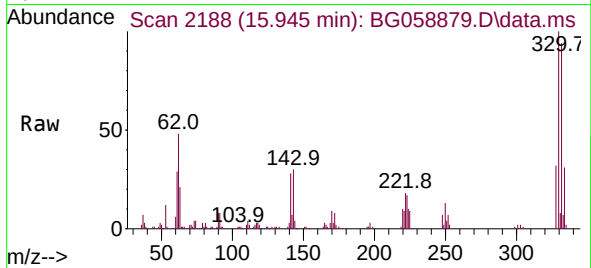




#67
4-Bromophenyl-phenylether
Concen: 5.287 ng
RT: 15.945 min Scan# 211
Delta R.T. -0.460 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

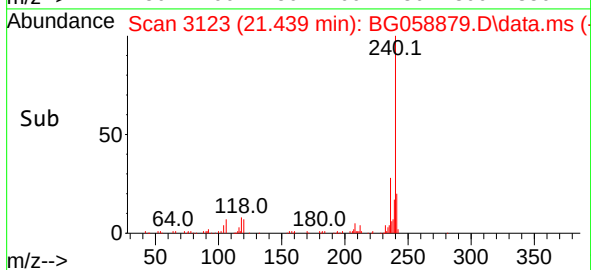
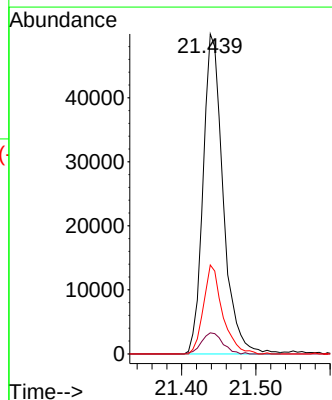
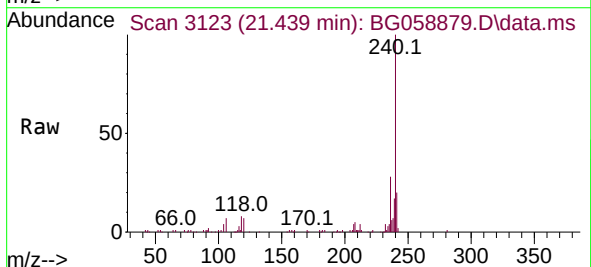
Instrument :
BNA_G
ClientSampleId :
WC-6

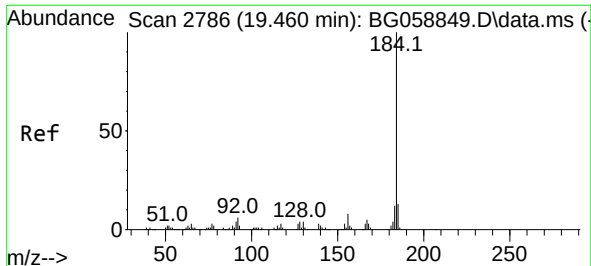
Tgt Ion:248 Resp: 5425
Ion Ratio Lower Upper
248 100
250 182.1 77.7 116.5#
141 410.6 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3123
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion:240 Resp: 93719
Ion Ratio Lower Upper
240 100
120 6.6 6.2 9.2
236 27.8 20.5 30.7

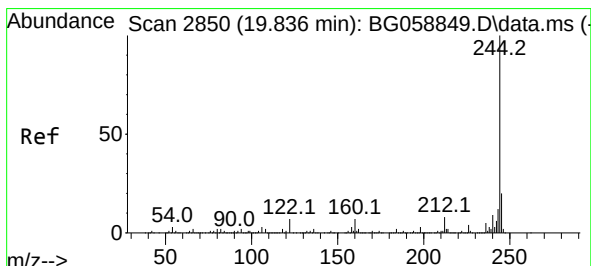
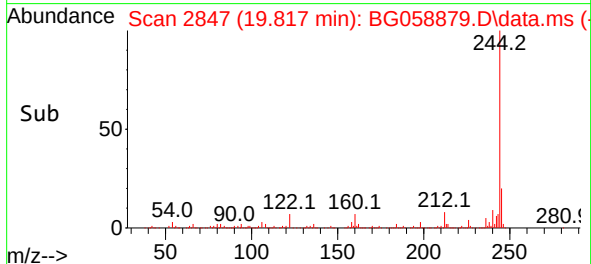
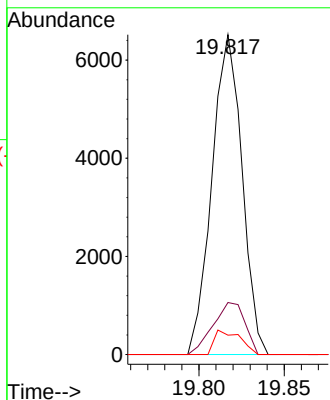
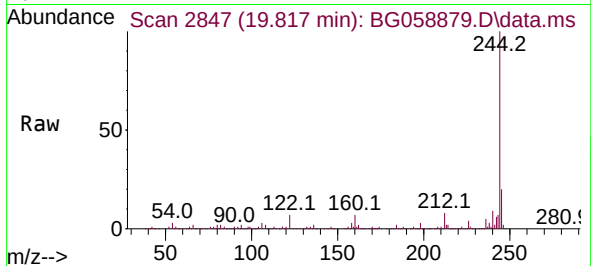




#77
Benzidine
Concen: 4.755 ng
RT: 19.817 min Scan# 2847
Delta R.T. 0.357 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

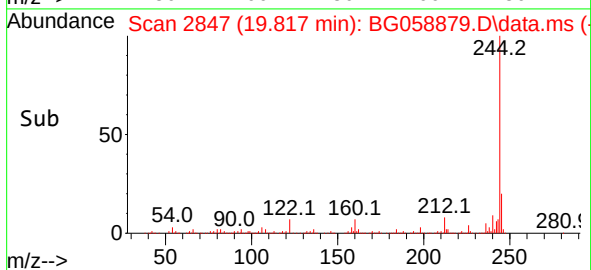
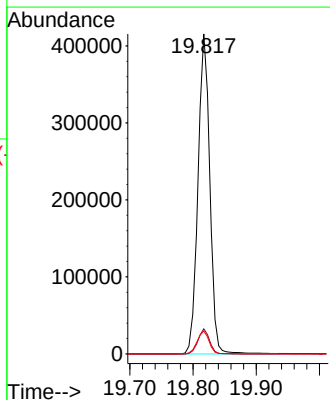
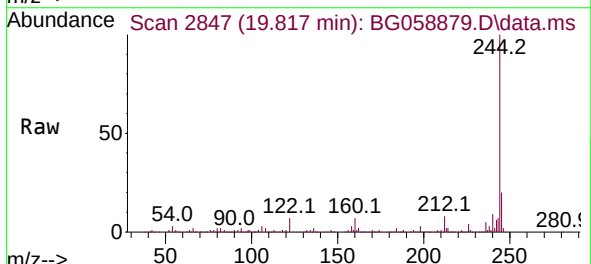
Instrument :
BNA_G
ClientSampleId :
WC-6

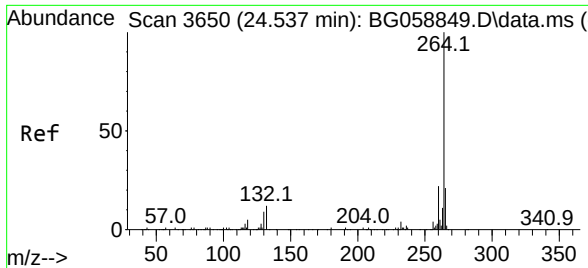
Tgt Ion:184 Resp: 7986
Ion Ratio Lower Upper
184 100
185 16.3 11.9 17.9
183 6.1 10.0 15.0#



#79
Terphenyl-d14
Concen: 103.292 ng
RT: 19.817 min Scan# 2847
Delta R.T. -0.019 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion:244 Resp: 539122
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 7.2 6.3 9.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.506 min Scan# 30
Delta R.T. -0.031 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Instrument :
BNA_G
ClientSampleId :
WC-6

Tgt Ion:264	Resp:	75175
Ion	Ratio	Lower Upper
264	100	
260	20.3	18.2 27.2
265	21.6	16.4 24.6

