

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058624.D
 Acq On : 7 Aug 2023 12:55
 Operator : MA/JU
 Sample : 03831-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15-20230727

Quant Time: Aug 07 13:30:23 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)

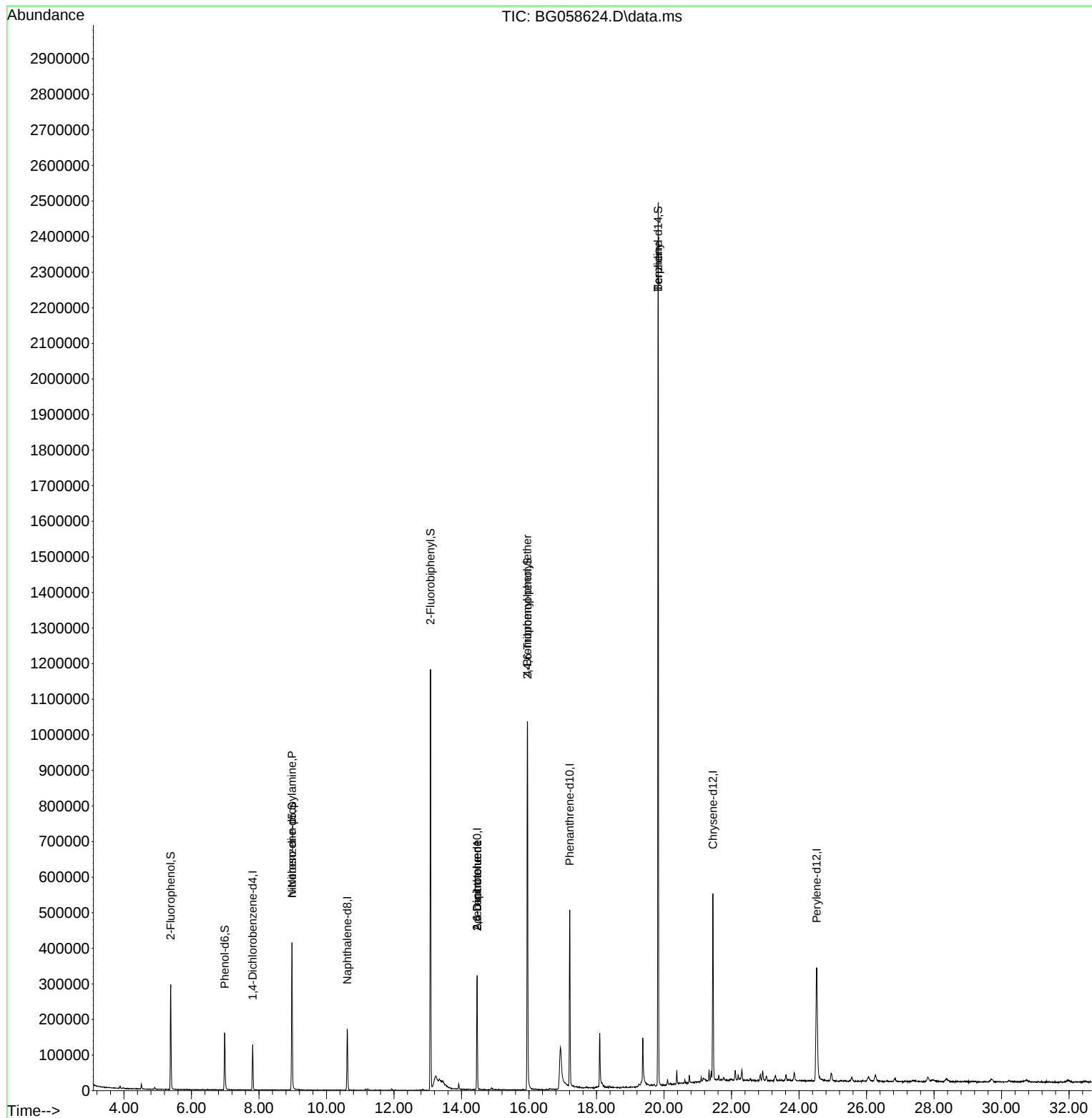
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	35856	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	151956	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	116968	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	320927	20.000	ng	0.00
76) Chrysene-d12	21.449	240	304121	20.000	ng	0.00
86) Perylene-d12	24.522	264	377113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	125192	53.366	ng	0.00
7) Phenol-d6	6.984	99	104950	32.151	ng	0.00
23) Nitrobenzene-d5	8.975	82	260237	84.131	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	249299	130.034	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	632958	81.095	ng	0.00
79) Terphenyl-d14	19.827	244	1295447	80.104	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	32016	15.184	ng	# 78
51) 2,6-Dinitrotoluene	14.463	165	15595	8.091	ng	# 24
57) 2,4-Dinitrotoluene	14.463	165	15595	5.836	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	15054	4.136	ng	# 1
77) Benzidine	19.827	184	16008	3.471	ng	# 92

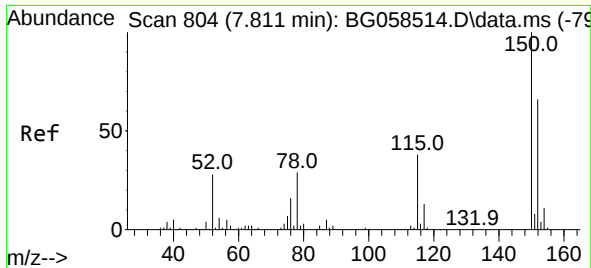
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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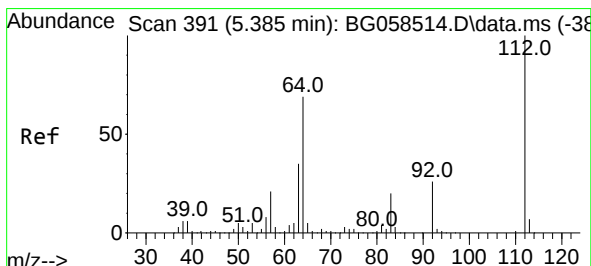
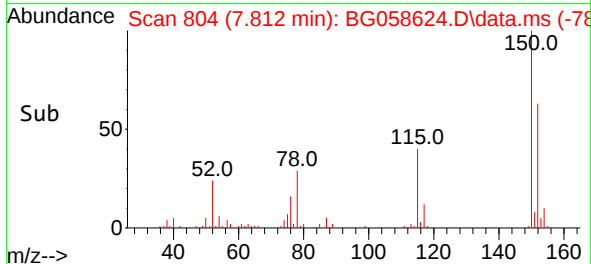
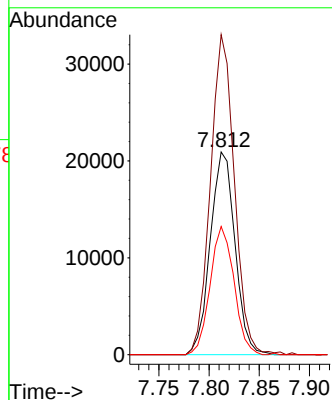
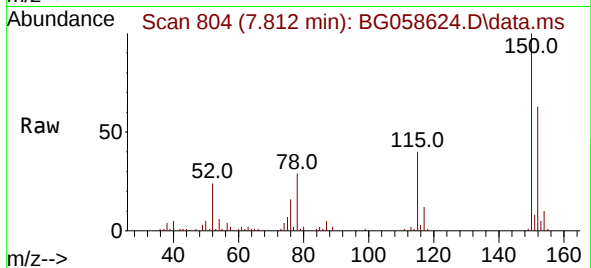




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

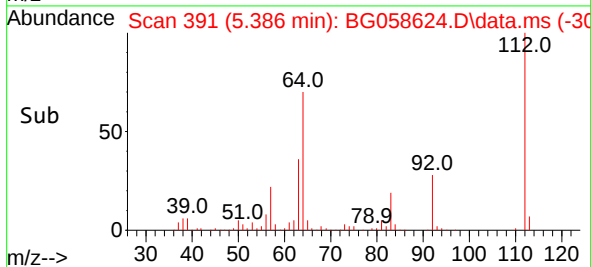
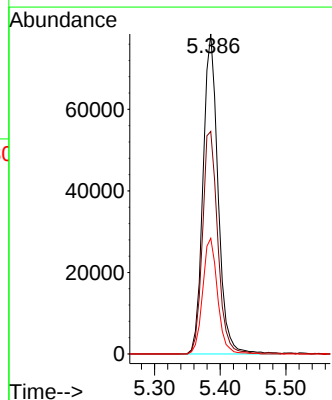
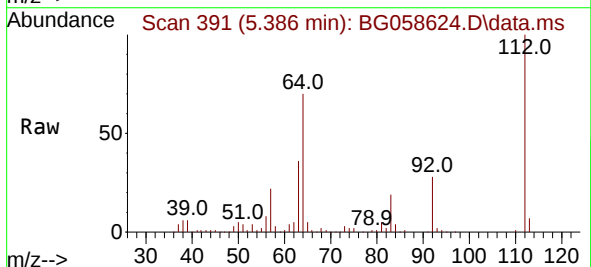
Instrument :
BNA_G
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MW-15-20230727

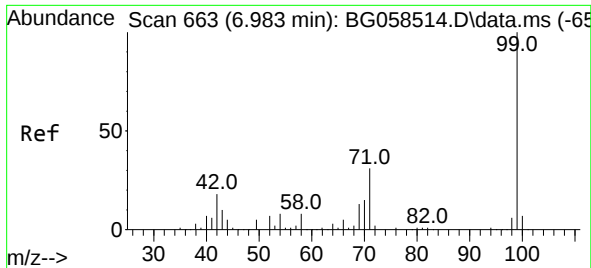
Tgt Ion:152 Resp: 35856
Ion Ratio Lower Upper
152 100
150 157.9 120.5 180.7
115 63.3 45.9 68.9



#5
2-Fluorophenol
Concen: 53.366 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Tgt Ion:112 Resp: 125192
Ion Ratio Lower Upper
112 100
64 69.6 55.3 82.9
63 36.1 28.3 42.5

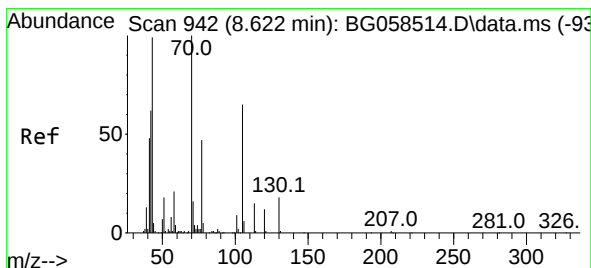
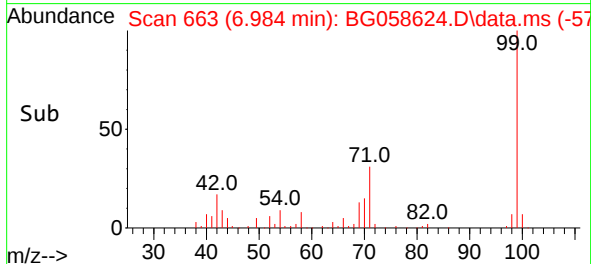
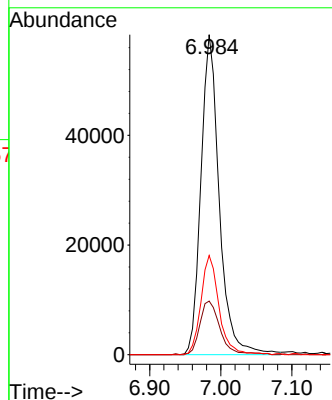
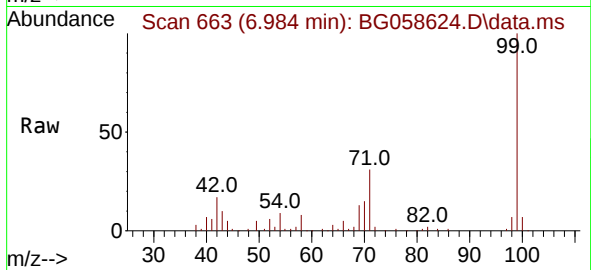




#7
Phenol-d6
Concen: 32.151 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

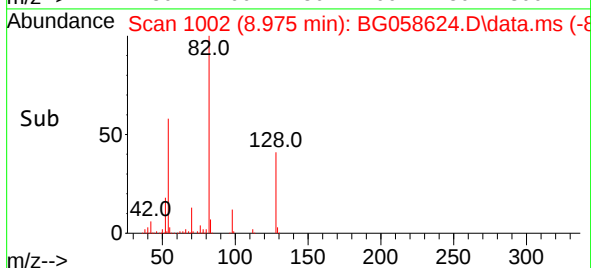
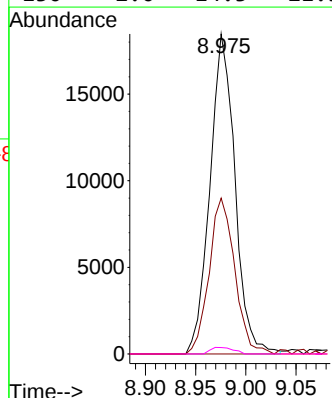
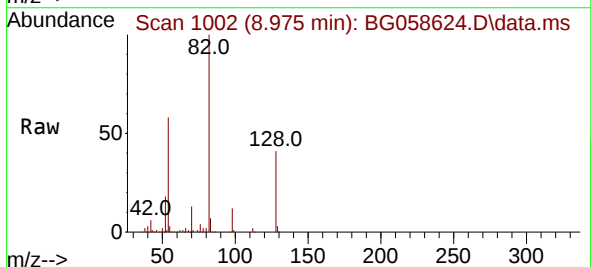
Instrument :
BNA_G
ClientSampleId :
MW-15-20230727

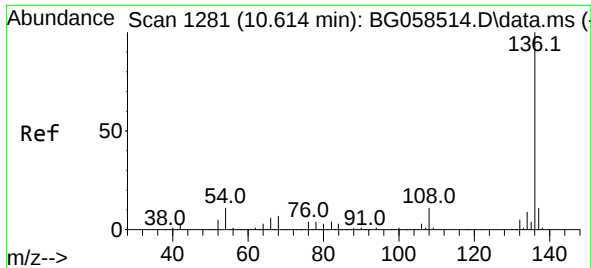
Tgt Ion: 99 Resp: 104950
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 31.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.184 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Tgt Ion: 70 Resp: 32016
Ion Ratio Lower Upper
70 100
42 48.7 49.7 74.5#
101 0.0 7.0 10.4#
130 2.0 14.3 21.5#

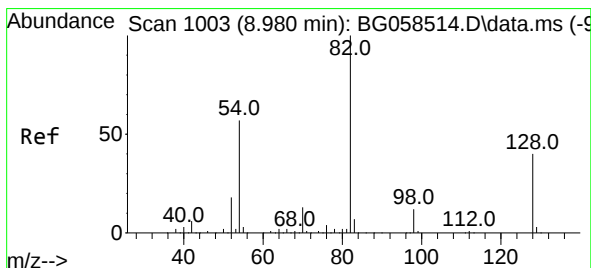
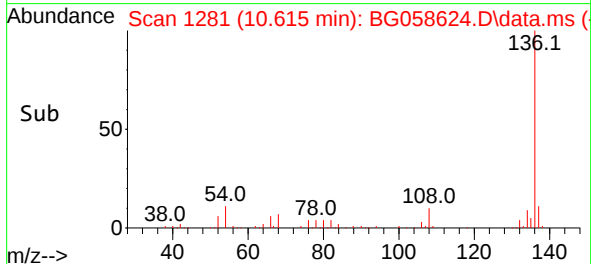
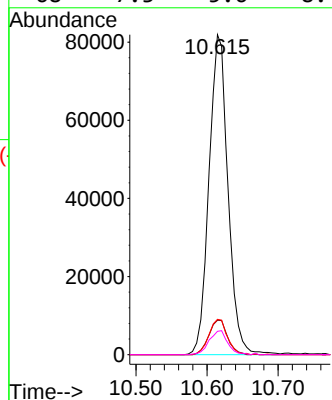
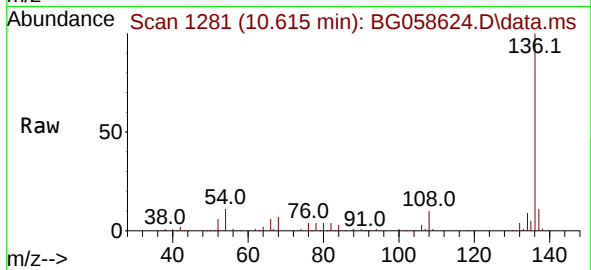




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

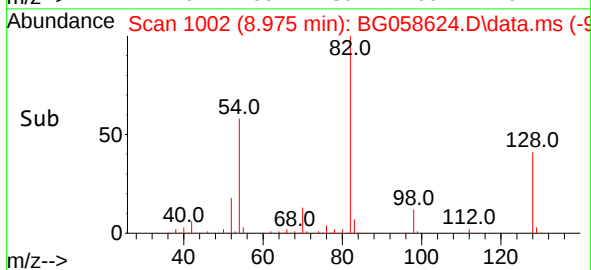
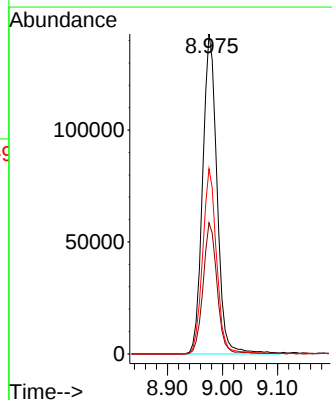
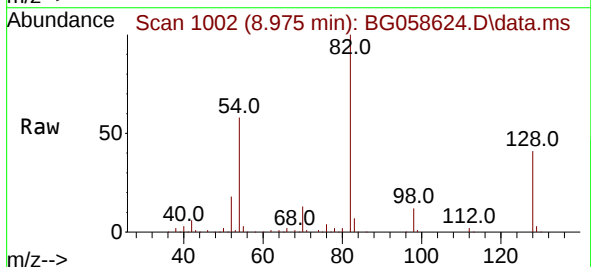
Instrument :
BNA_G
ClientSampleId :
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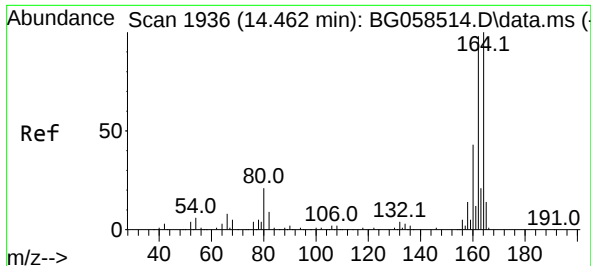
Tgt Ion:	136	Resp:	151956
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	11.0	8.9	13.3
68	7.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 84.131 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Tgt Ion:	82	Resp:	260237
Ion Ratio	Lower	Upper	
82	100		
128	41.0	32.2	48.2
54	57.9	46.0	69.0

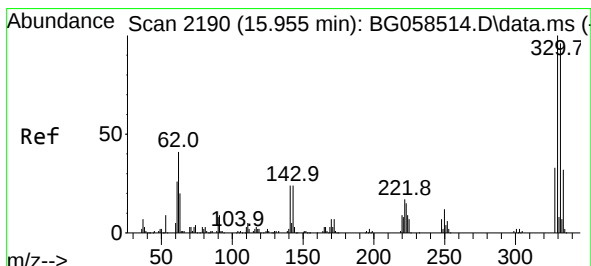
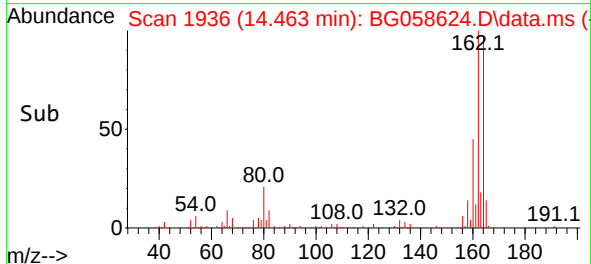
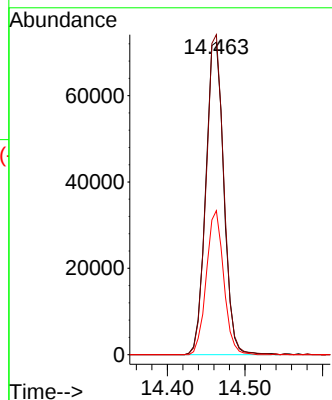
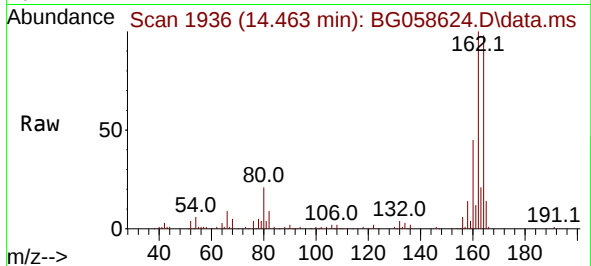




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

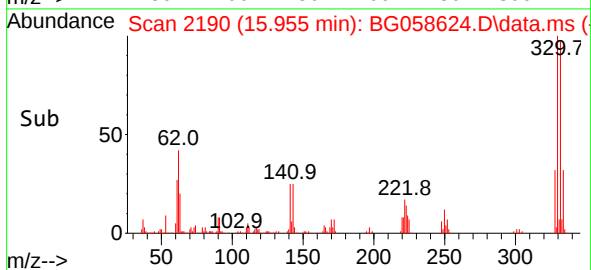
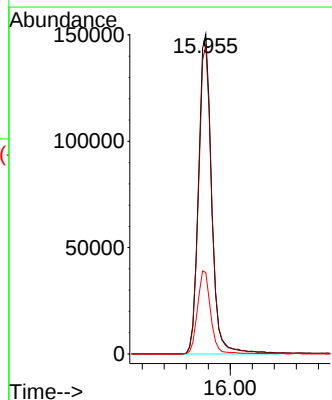
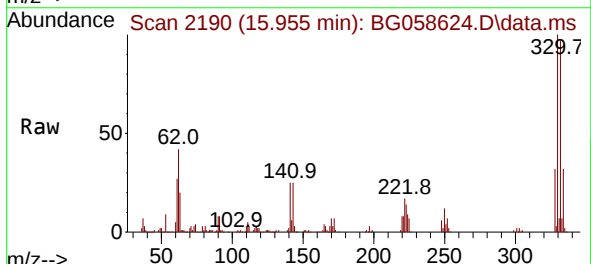
Instrument :
BNA_G
ClientSampleId :
MW-15-20230727

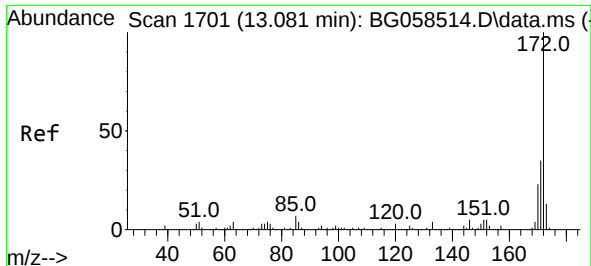
Tgt Ion:164 Resp: 116968
Ion Ratio Lower Upper
164 100
162 102.4 78.3 117.5
160 46.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 130.034 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Tgt Ion:330 Resp: 249299
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 26.1 20.7 31.1

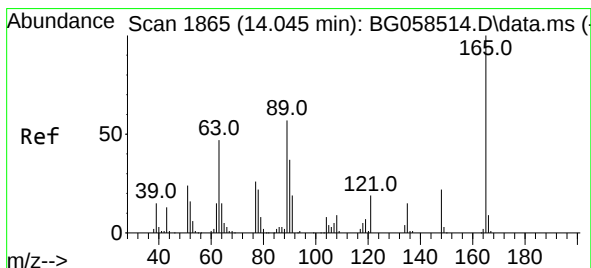
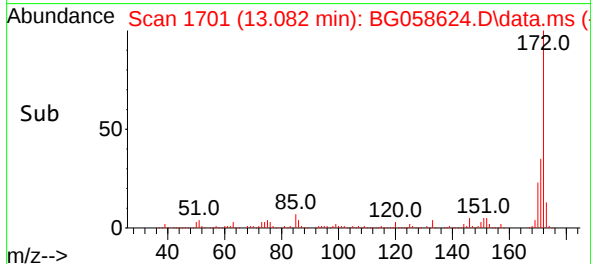
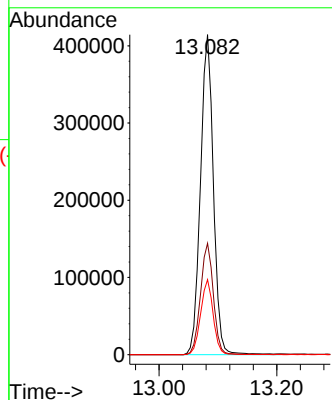
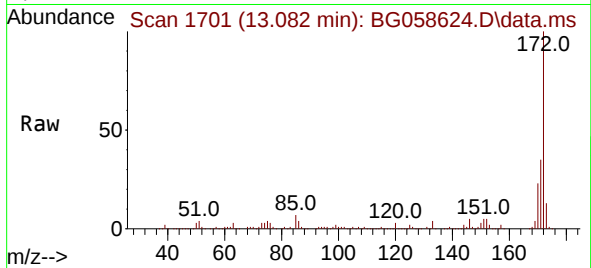




#45
2-Fluorobiphenyl
Concen: 81.095 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

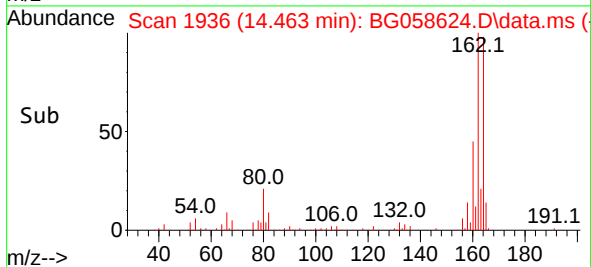
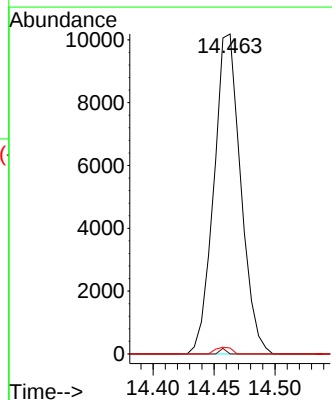
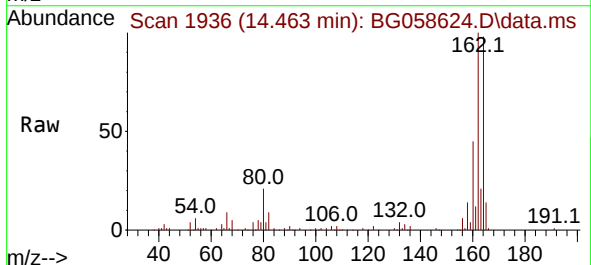
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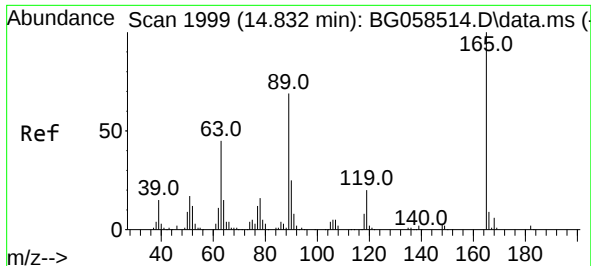
Tgt Ion:172 Resp: 632958
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.4 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.091 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.418 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Tgt Ion:165 Resp: 15595
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.8 45.3 67.9#

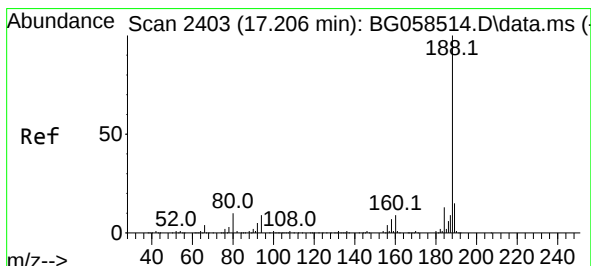
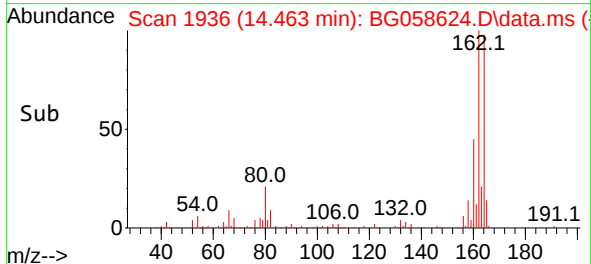
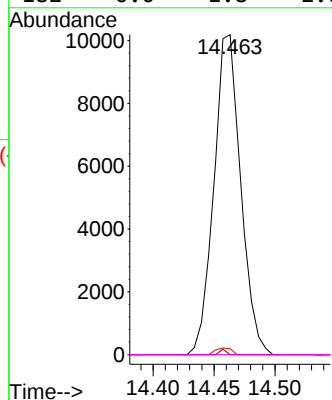
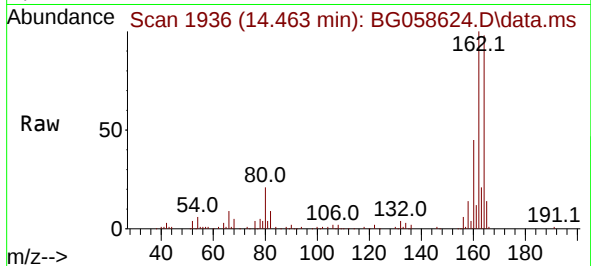




#57
2,4-Dinitrotoluene
Concen: 5.836 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.369 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

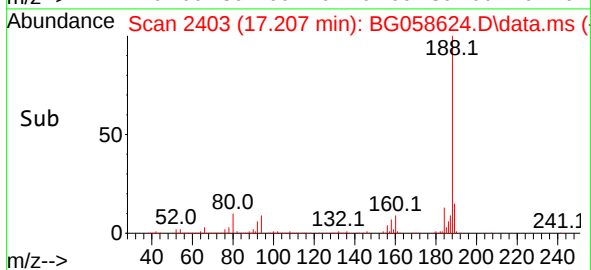
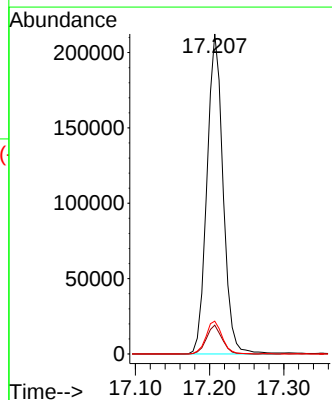
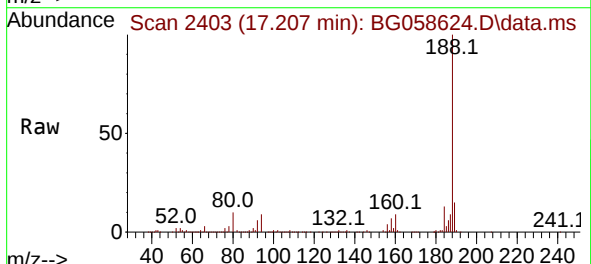
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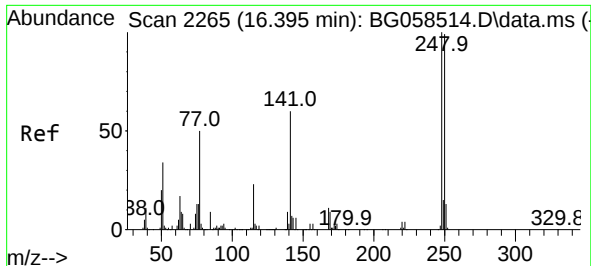
Tgt Ion:165 Resp: 15595
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 1.8 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Tgt Ion:188 Resp: 320927
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.2 8.1 12.1

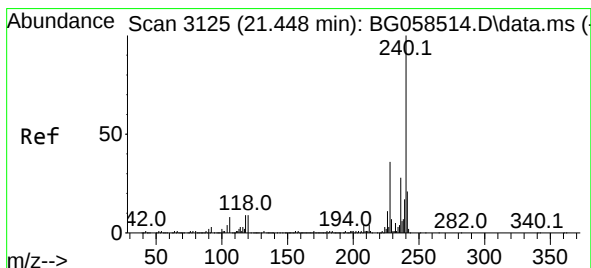
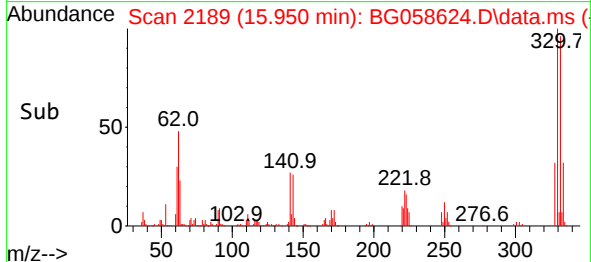
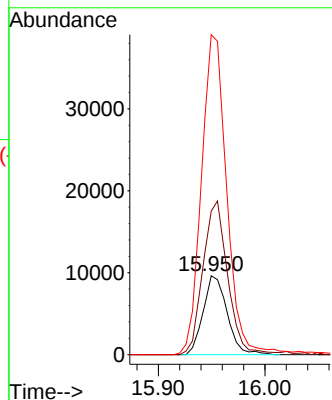
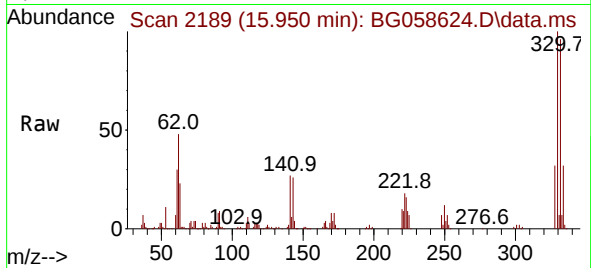




#67
4-Bromophenyl-phenylether
Concen: 4.136 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

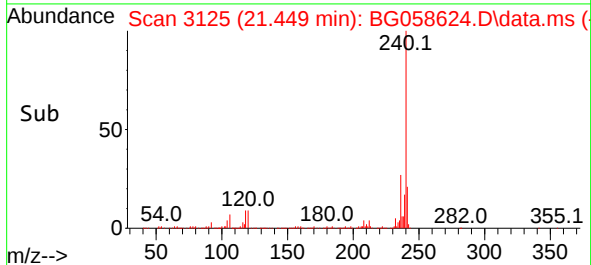
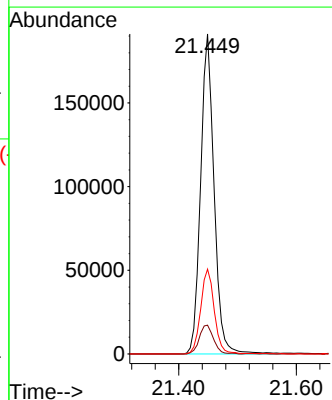
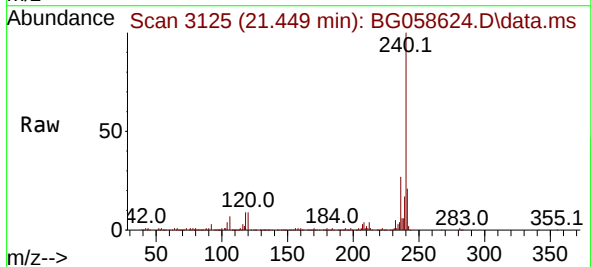
Instrument :
BNA_G
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MW-15-20230727

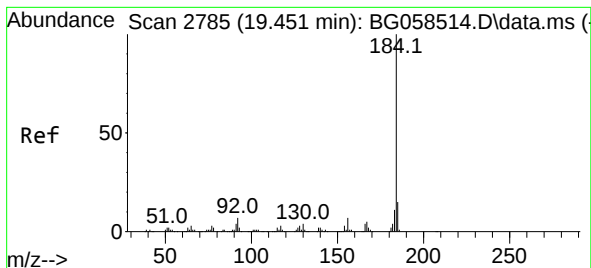
Tgt Ion:248 Resp: 15054
Ion Ratio Lower Upper
248 100
250 181.8 79.5 119.3#
141 405.4 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Tgt Ion:240 Resp: 304121
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.5 22.2 33.4





#77

Benzidine

Concen: 3.471 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.377 min

Lab File: BG058624.D

Acq: 7 Aug 2023 12:55

Instrument :

BNA_G

ClientSampleId :

MW-15-20230727

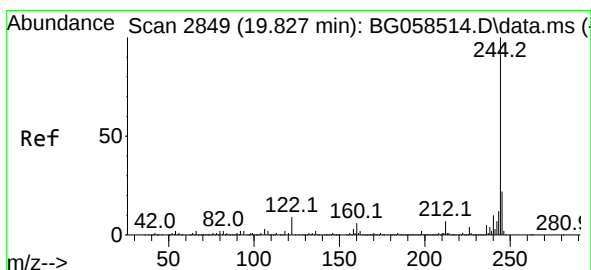
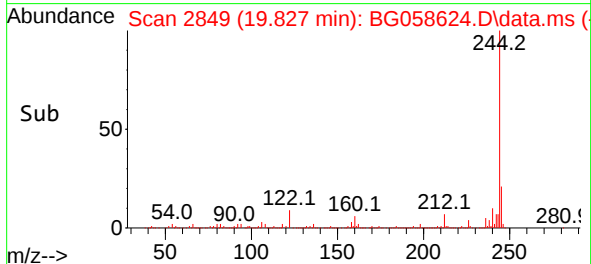
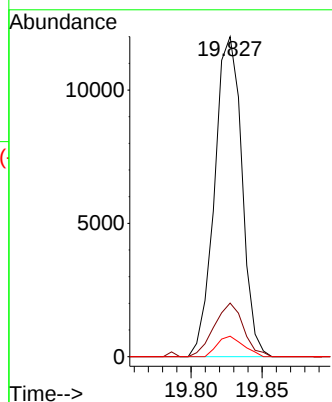
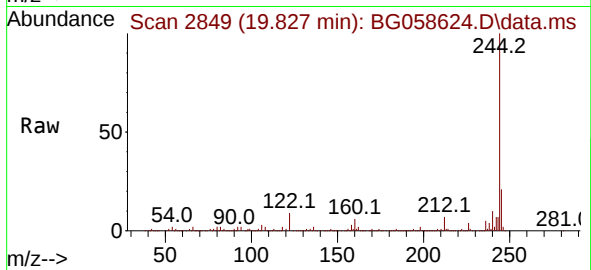
Tgt Ion:184 Resp: 16008

Ion Ratio Lower Upper

184 100

185 16.8 11.9 17.9

183 6.4 8.7 13.1#



#79

Terphenyl-d14

Concen: 80.104 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BG058624.D

Acq: 7 Aug 2023 12:55

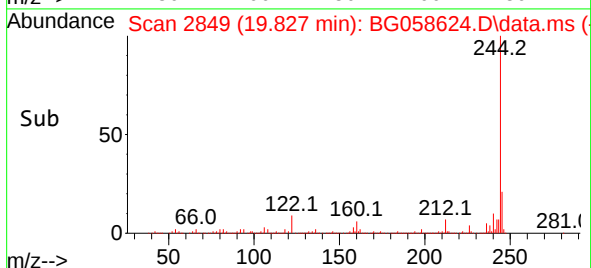
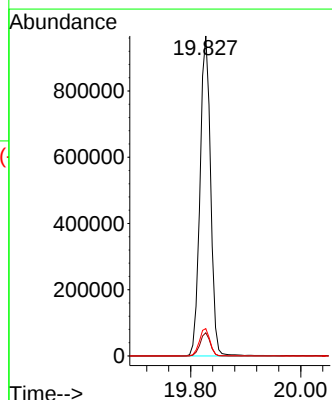
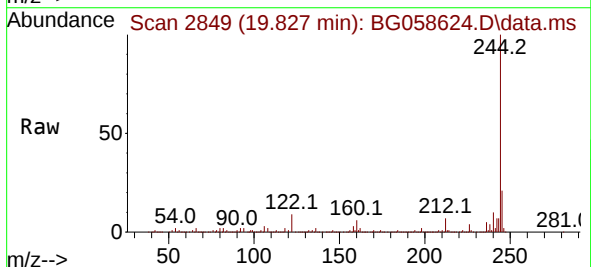
Tgt Ion:244 Resp: 1295447

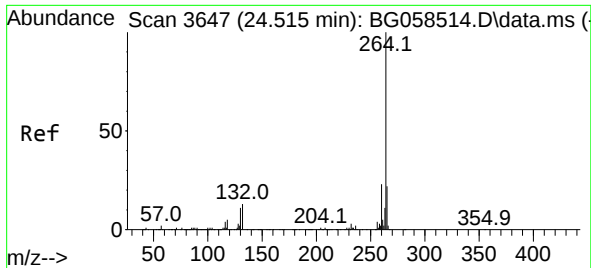
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

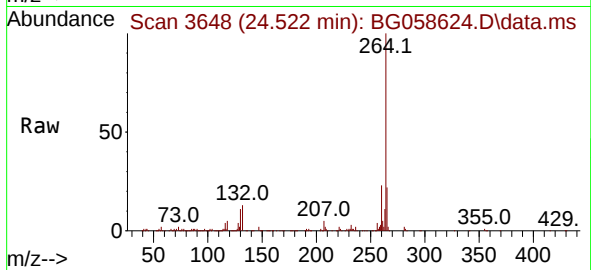
122 8.5 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG058624.D
Acq: 7 Aug 2023 12:55

Instrument :
BNA_G
ClientSampleId :
MW-15-20230727



Tgt Ion:264	Resp:	377113	
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.5	17.9	26.9

