

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058666.D
 Acq On : 9 Aug 2023 20:03
 Operator : MA/JU
 Sample : 03943-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP21B

Quant Time: Aug 10 02:55:53 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)

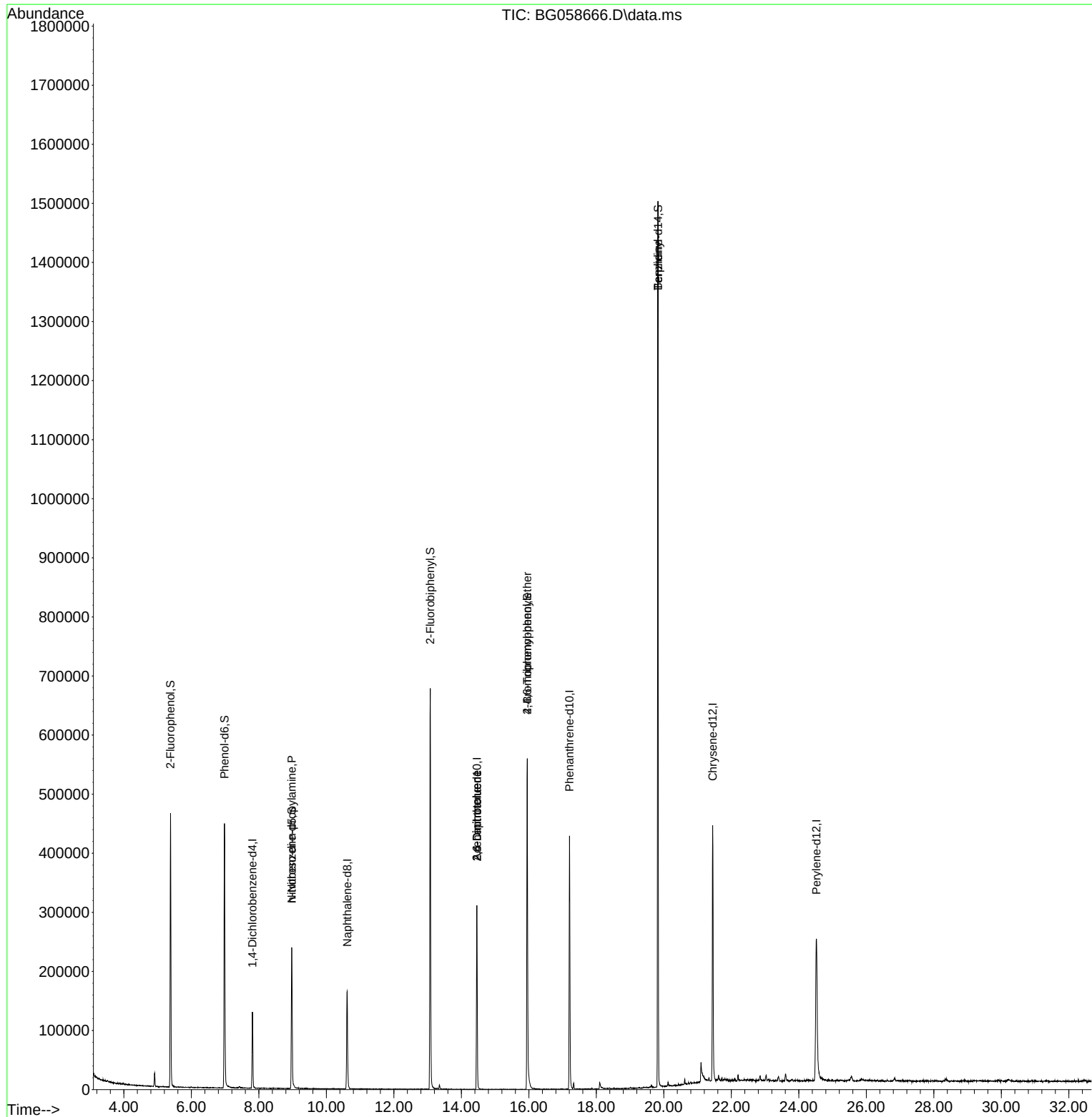
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	35773	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	155930	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	120255	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	298220	20.000	ng	0.00
76) Chrysene-d12	21.446	240	276770	20.000	ng	0.00
86) Perylene-d12	24.519	264	330121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	195993	83.741	ng	0.00
7) Phenol-d6	6.980	99	277156	85.103	ng	0.00
23) Nitrobenzene-d5	8.972	82	161045	50.737	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	142308	72.199	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	399866	49.830	ng	0.00
79) Terphenyl-d14	19.824	244	772689	52.501	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.972	70	20006	9.510	ng	# 82
51) 2,6-Dinitrotoluene	14.460	165	15828	7.987	ng	# 24
57) 2,4-Dinitrotoluene	14.460	165	15828	5.761	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	8495	2.511	ng	# 1
77) Benzidine	19.824	184	9372	2.233	ng	# 93

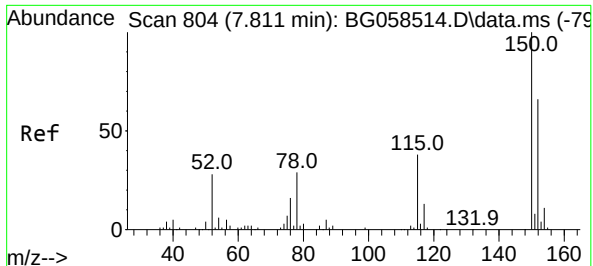
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058666.D
Acq On : 9 Aug 2023 20:03
Operator : MA/JU
Sample : 03943-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-PP21B

Quant Time: Aug 10 02:55:53 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

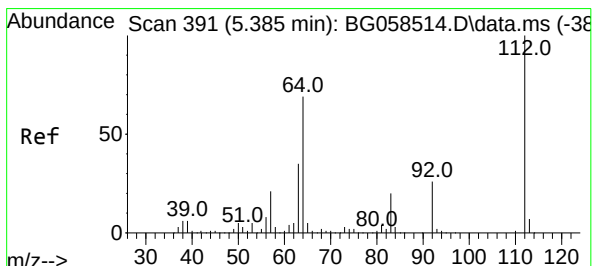
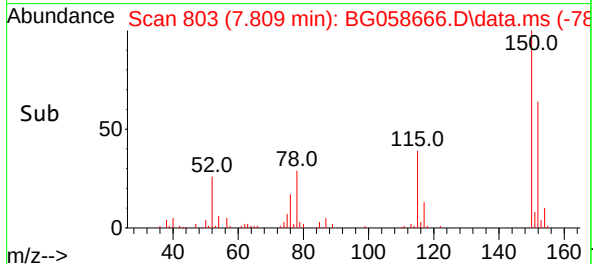
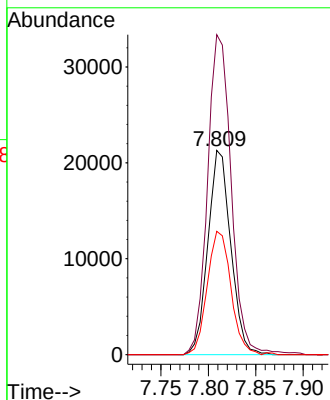
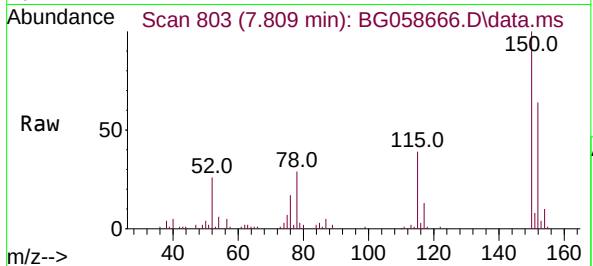




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

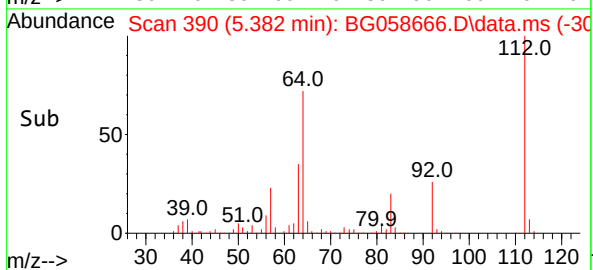
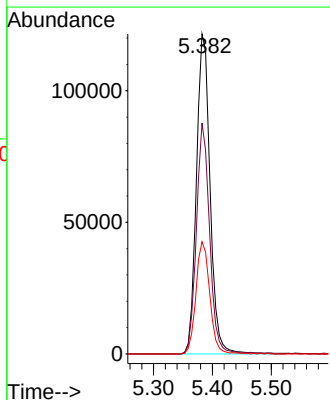
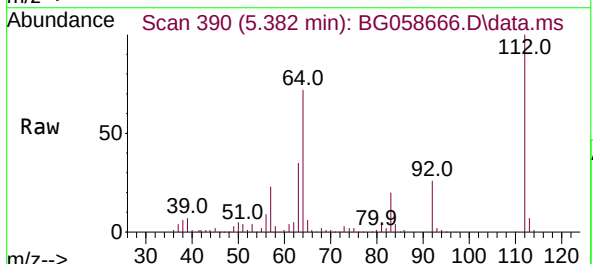
Instrument :
BNA_G
ClientSampleId :
B-PP21B

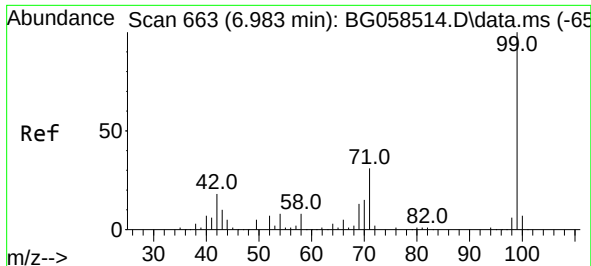
Tgt Ion:152 Resp: 35773
Ion Ratio Lower Upper
152 100
150 156.7 120.5 180.7
115 60.4 45.9 68.9



#5
2-Fluorophenol
Concen: 83.741 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:112 Resp: 195993
Ion Ratio Lower Upper
112 100
64 72.1 55.3 82.9
63 35.0 28.3 42.5

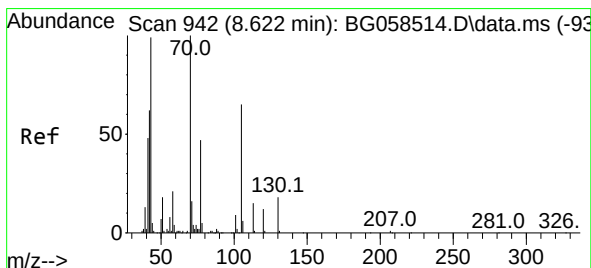
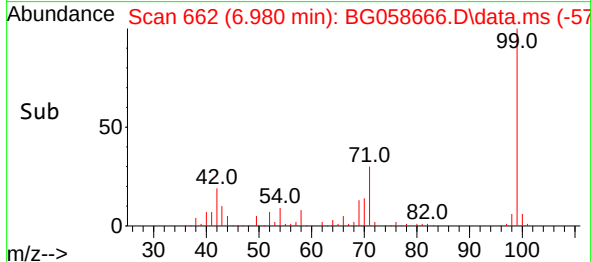
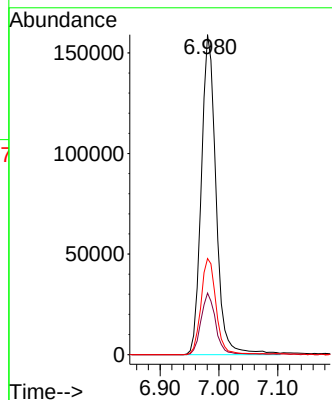
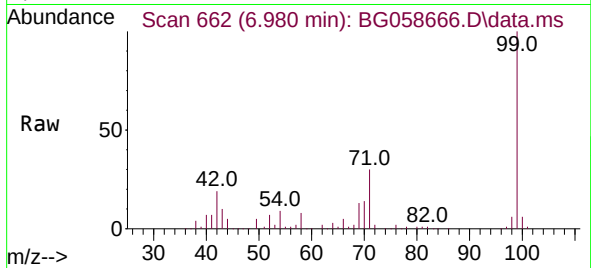




#7
Phenol-d6
Concen: 85.103 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

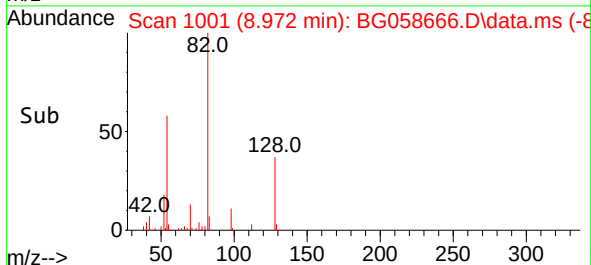
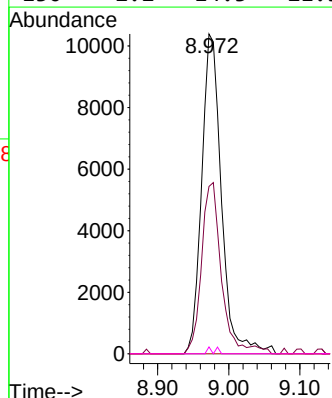
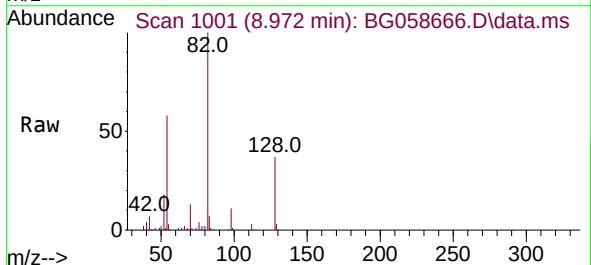
Instrument :
BNA_G
ClientSampleId :
B-PP21B

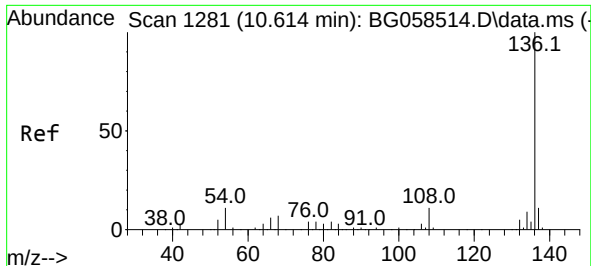
Tgt Ion: 99 Resp: 277156
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 30.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.510 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.350 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion: 70 Resp: 20006
Ion Ratio Lower Upper
70 100
42 52.3 49.7 74.5
101 0.0 7.0 10.4#
130 2.2 14.3 21.5#

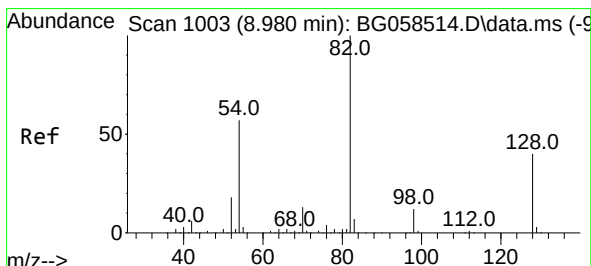
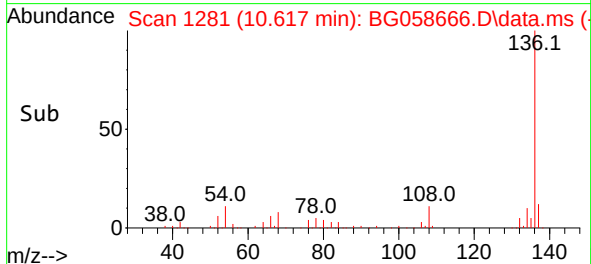
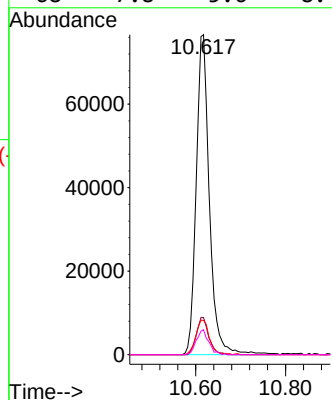
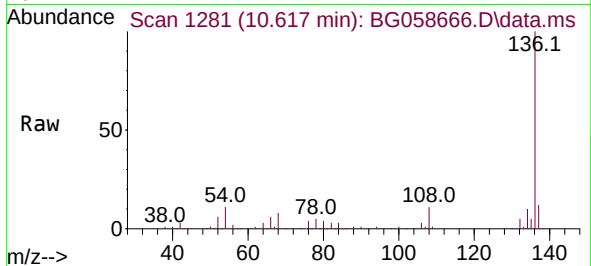




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

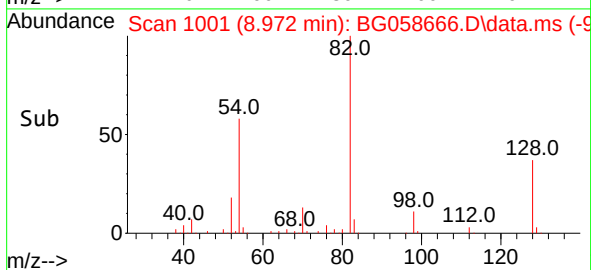
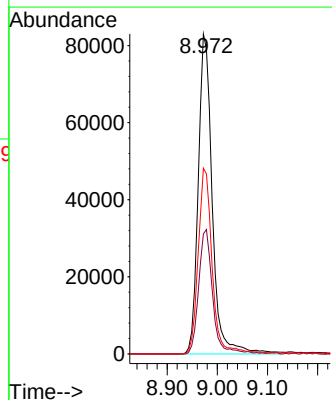
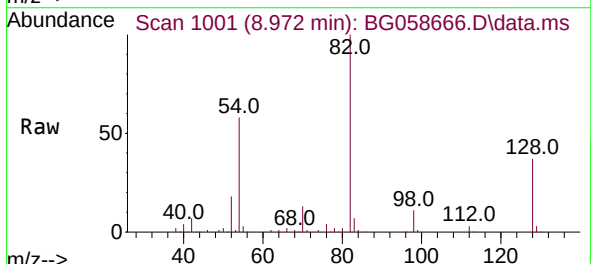
Instrument :
BNA_G
ClientSampleId :
B-PP21B

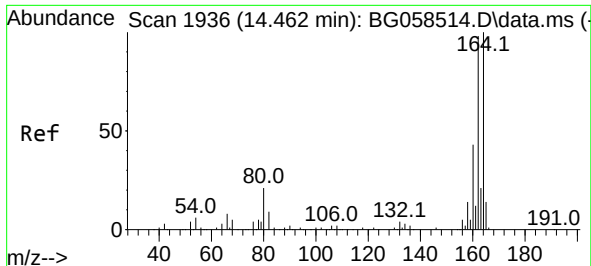
Tgt Ion:	136	Resp:	155930
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	13.0
54	10.7	8.9	13.3
68	7.8	5.6	8.4



#23
Nitrobenzene-d5
Concen: 50.737 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:	82	Resp:	161045
Ion Ratio	Lower	Upper	
82	100		
128	37.5	32.2	48.2
54	58.0	46.0	69.0

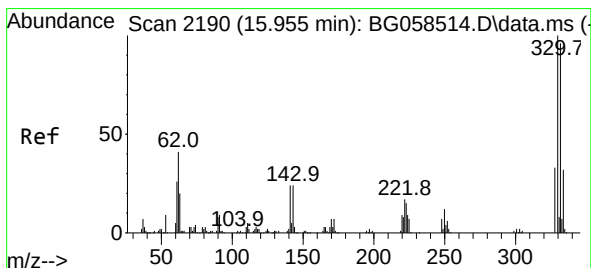
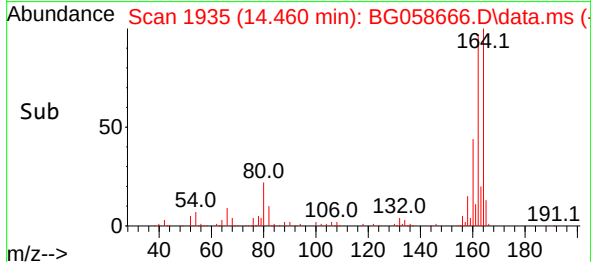
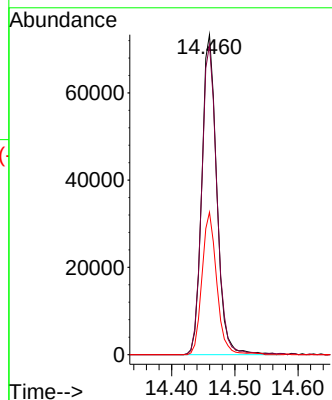
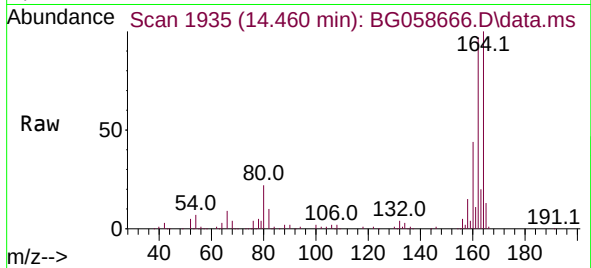




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

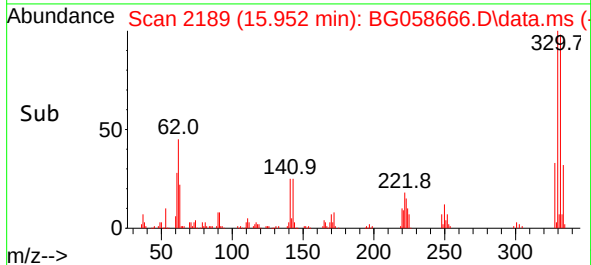
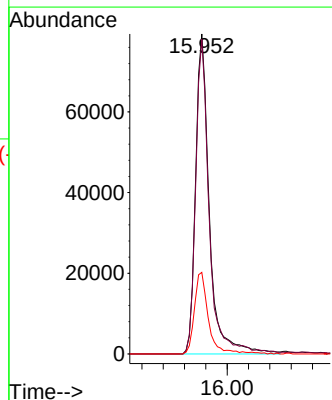
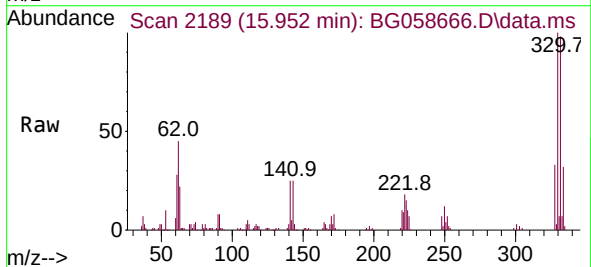
Instrument :
BNA_G
ClientSampleId :
B-PP21B

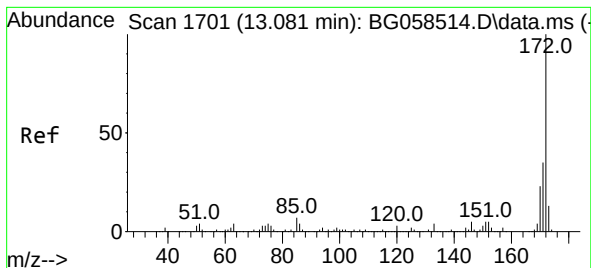
Tgt Ion:164 Resp: 120255
Ion Ratio Lower Upper
164 100
162 96.7 78.3 117.5
160 44.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 72.199 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:330 Resp: 142308
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 26.1 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 49.830 ng

RT: 13.079 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG058666.D

Acq: 9 Aug 2023 20:03

Instrument :

BNA_G

ClientSampleId :

B-PP21B

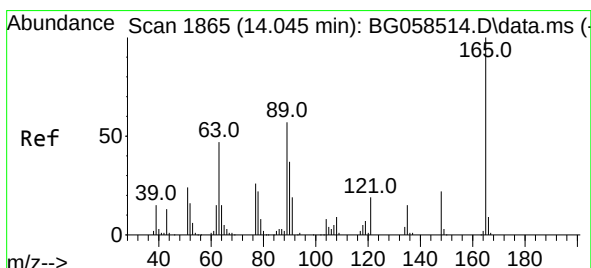
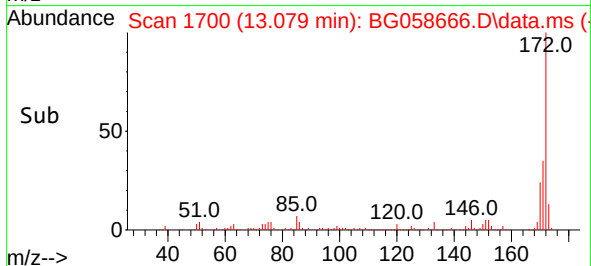
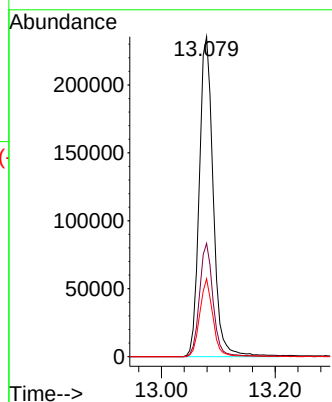
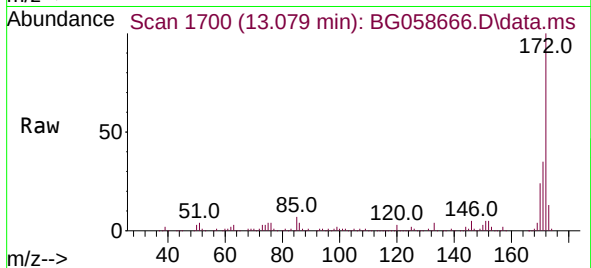
Tgt Ion:172 Resp: 399866

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 24.3 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 7.987 ng

RT: 14.460 min Scan# 1935

Delta R.T. 0.415 min

Lab File: BG058666.D

Acq: 9 Aug 2023 20:03

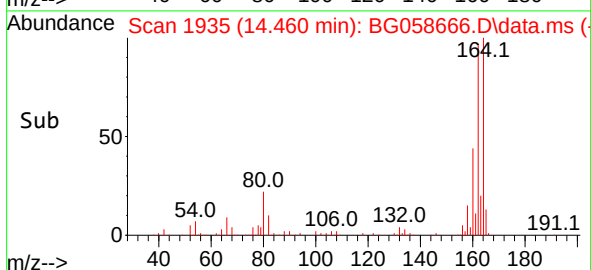
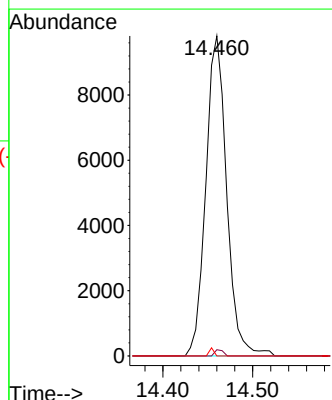
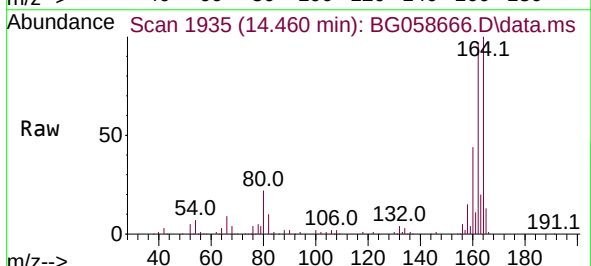
Tgt Ion:165 Resp: 15828

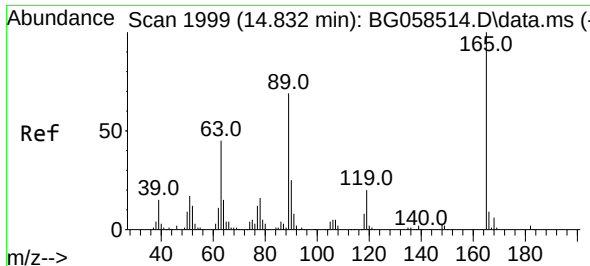
Ion Ratio Lower Upper

165 100

63 1.9 46.4 69.6#

89 0.0 45.3 67.9#

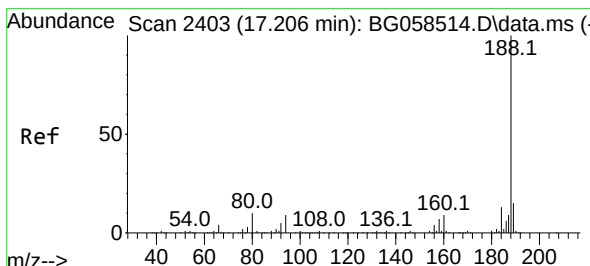
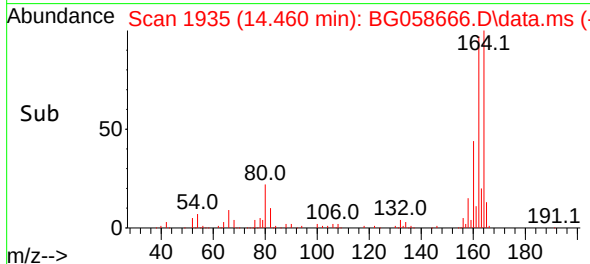
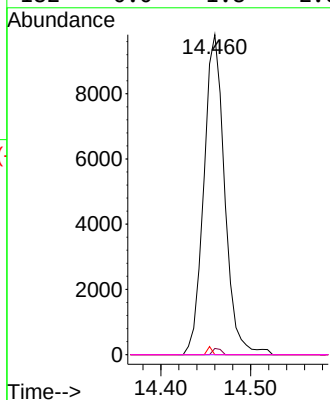
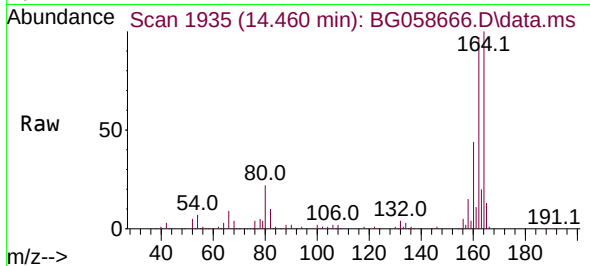




#57
2,4-Dinitrotoluene
Concen: 5.761 ng
RT: 14.460 min Scan# 1999
Delta R.T. -0.372 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

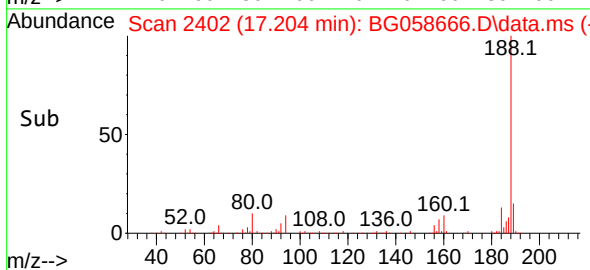
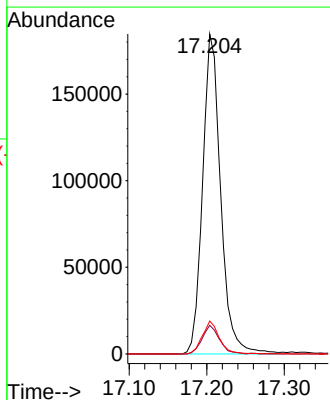
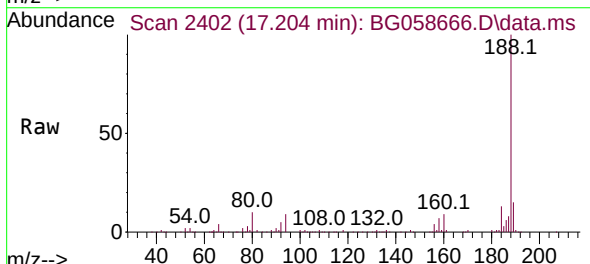
Instrument :
BNA_G
ClientSampleId :
B-PP21B

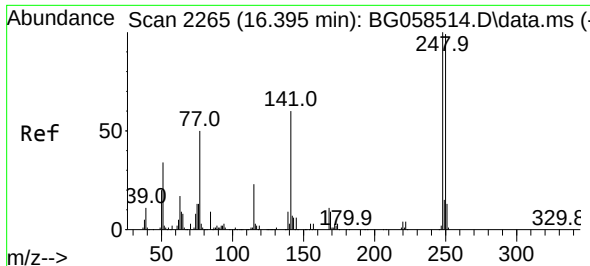
Tgt Ion:165 Resp: 15828
Ion Ratio Lower Upper
165 100
63 1.9 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:188 Resp: 298220
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.3 8.1 12.1

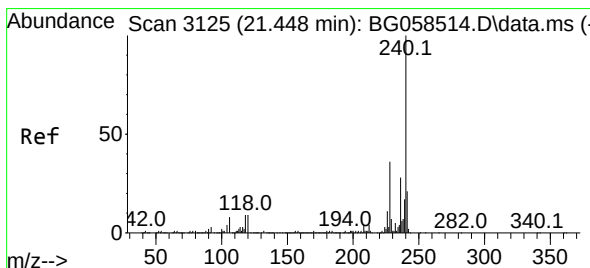
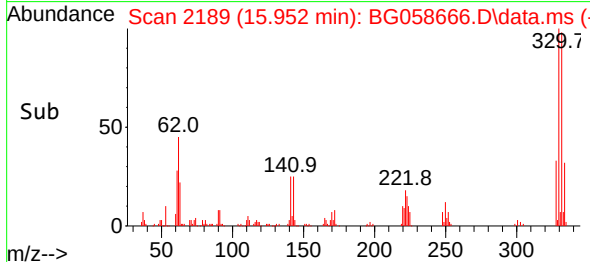
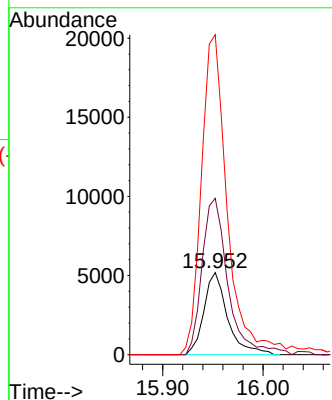
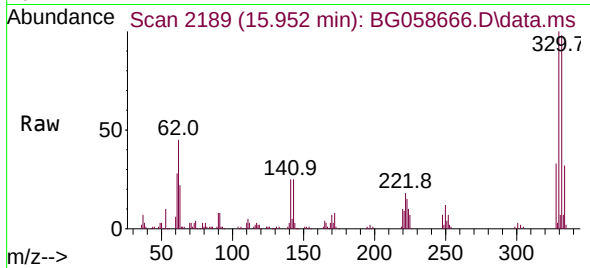




#67
4-Bromophenyl-phenylether
Concen: 2.511 ng
RT: 15.952 min Scan# 2119
Delta R.T. -0.443 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

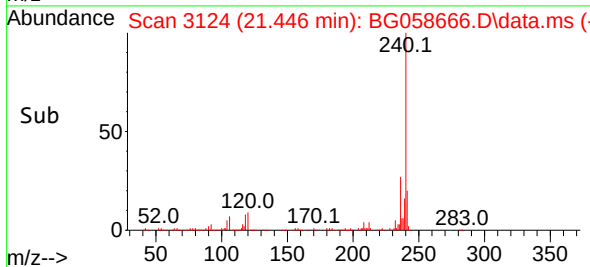
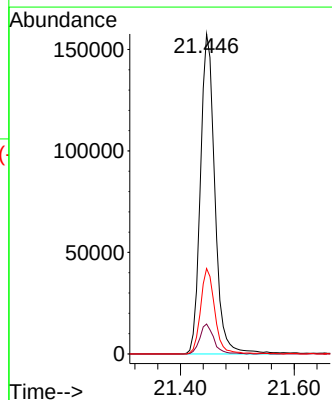
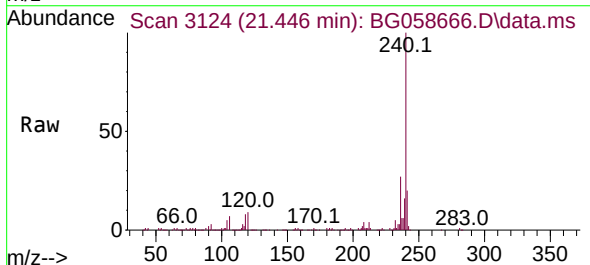
Instrument :
BNA_G
ClientSampleId :
B-PP21B

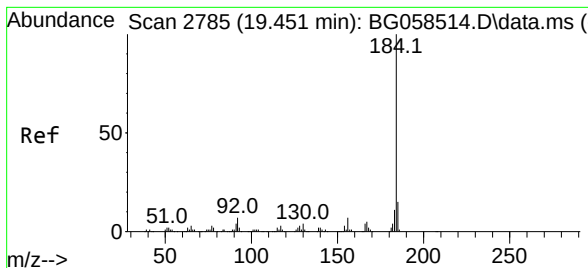
Tgt Ion:248 Resp: 8495
Ion Ratio Lower Upper
248 100
250 190.4 79.5 119.3#
141 389.9 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:240 Resp: 276770
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 26.7 22.2 33.4





#77

Benzidine

Concen: 2.233 ng

RT: 19.824 min Scan# 2848

Delta R.T. 0.374 min

Lab File: BG058666.D

Acq: 9 Aug 2023 20:03

Instrument :

BNA_G

ClientSampleId :

B-PP21B

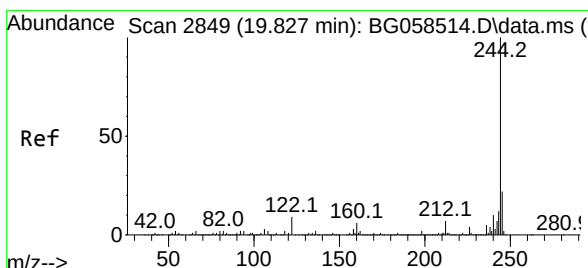
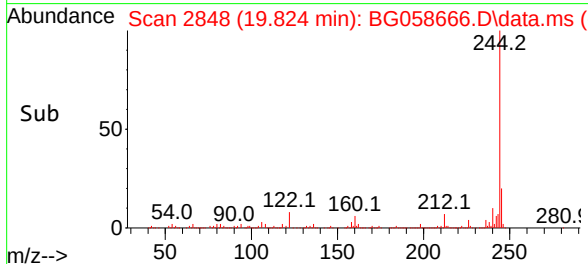
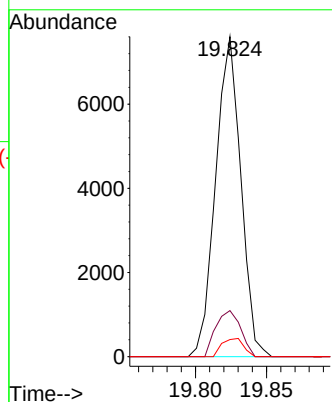
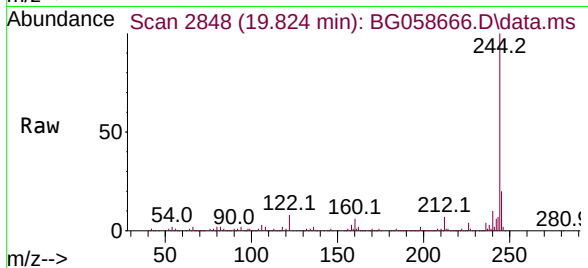
Tgt Ion:184 Resp: 9372

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 5.3 8.7 13.1#



#79

Terphenyl-d14

Concen: 52.501 ng

RT: 19.824 min Scan# 2848

Delta R.T. -0.002 min

Lab File: BG058666.D

Acq: 9 Aug 2023 20:03

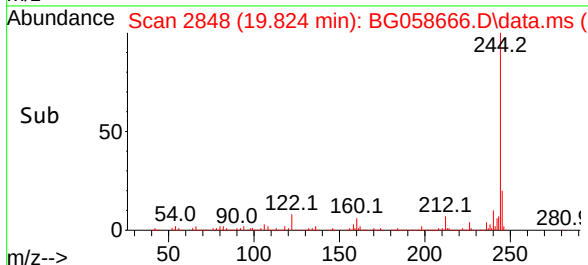
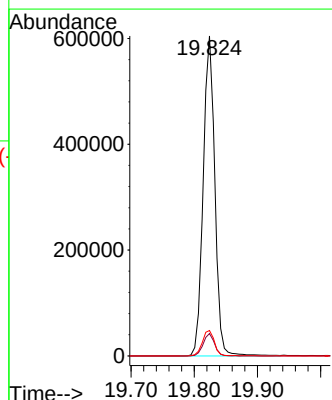
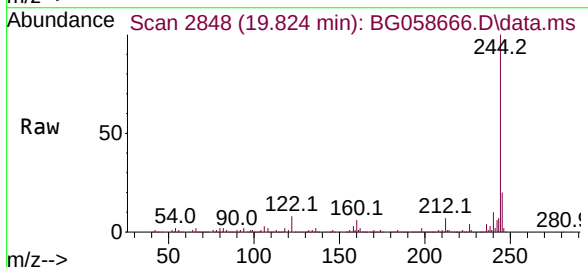
Tgt Ion:244 Resp: 772689

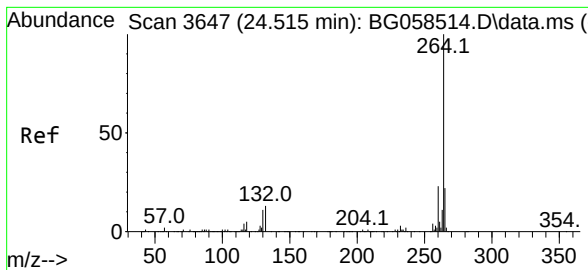
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 7.9 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: BG058666.D
Acq: 9 Aug 2023 20:03

Instrument :
BNA_G
ClientSampleId :
B-PP21B

Tgt Ion:264 Resp: 330121
Ion Ratio Lower Upper
264 100
260 22.6 18.4 27.6
265 20.9 17.9 26.9

