

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058857.D
 Acq On : 25 Aug 2023 20:05
 Operator : MA/JU
 Sample : 04110-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Aug 26 09:18:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

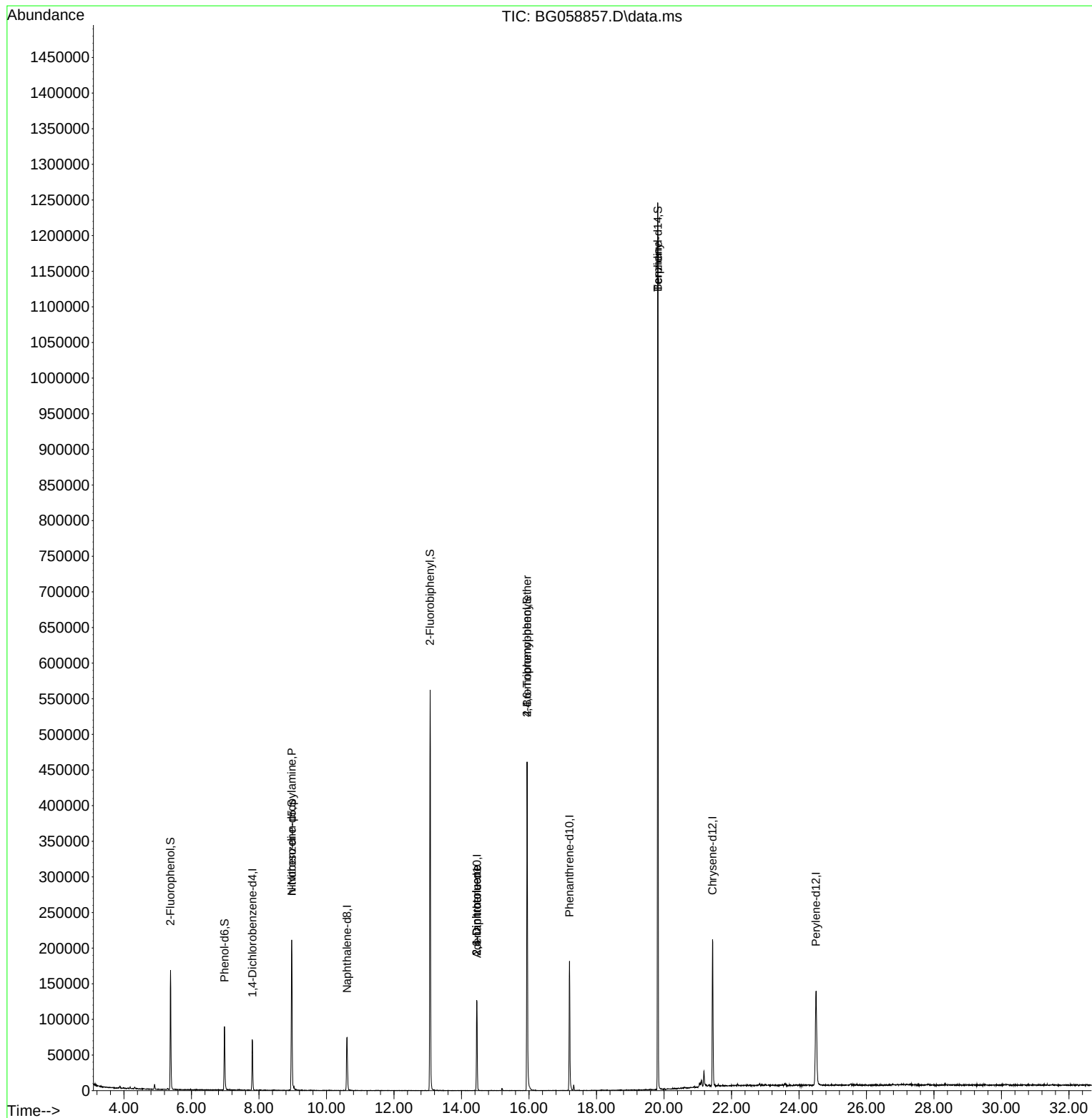
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	18922	20.000	ng	-0.02
21) Naphthalene-d8	10.609	136	76189	20.000	ng	#-0.02
39) Acenaphthene-d10	14.458	164	52441	20.000	ng	-0.01
64) Phenanthrene-d10	17.202	188	133636	20.000	ng	-0.02
76) Chrysene-d12	21.438	240	132780	20.000	ng	-0.03
86) Perylene-d12	24.505	264	158123	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	68927	58.620	ng	-0.02
7) Phenol-d6	6.978	99	51798	31.399	ng	-0.03
23) Nitrobenzene-d5	8.970	82	130830	82.558	ng	-0.03
42) 2,4,6-Tribromophenol	15.944	330	106493	129.512	ng	-0.03
45) 2-Fluorobiphenyl	13.071	172	308022	85.430	ng	-0.03
79) Terphenyl-d14	19.816	244	651059	88.043	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.970	70	17228	16.156	ng	# 81
51) 2,6-Dinitrotoluene	14.452	165	6544	7.671	ng	# 22
57) 2,4-Dinitrotoluene	14.452	165	6544	5.500	ng	# 19
67) 4-Bromophenyl-phenylether	15.944	248	6374	4.347	ng	# 1
77) Benzidine	19.816	184	9366	3.936	ng	# 88

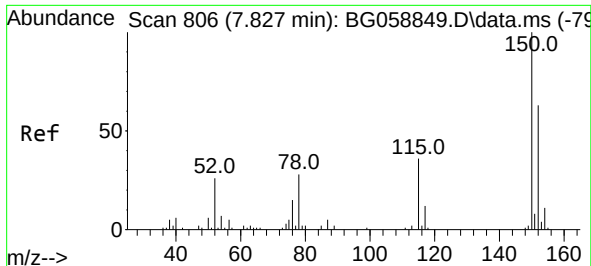
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Aug 26 09:18:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 09:13:37 2023
Response via : Initial Calibration

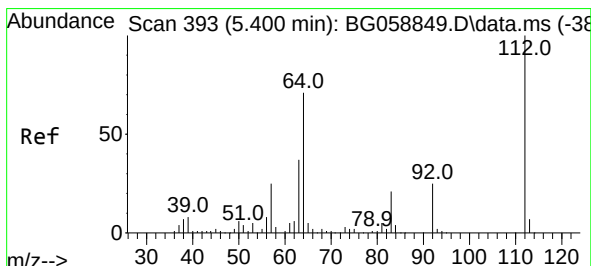
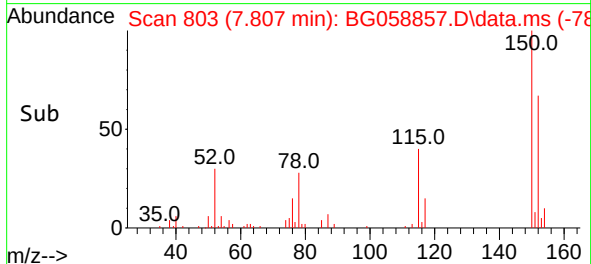
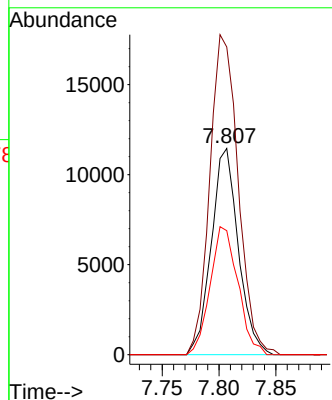
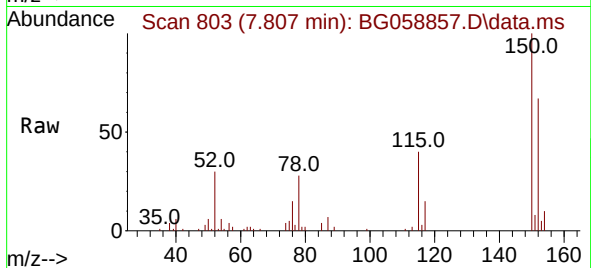




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 806
Delta R.T. -0.020 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

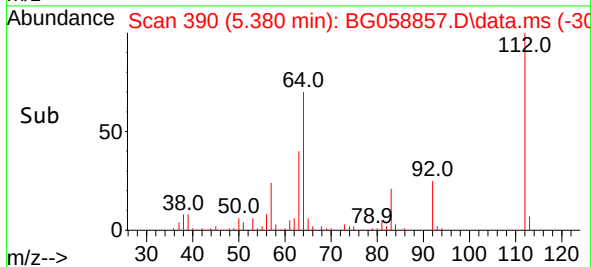
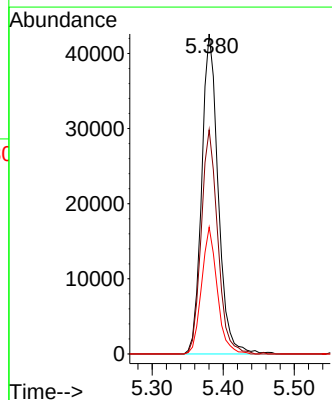
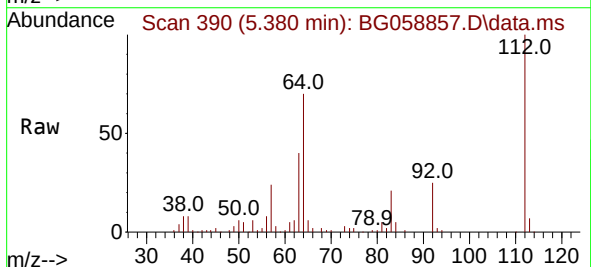
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

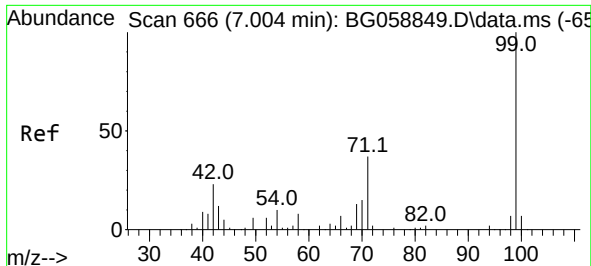
Tgt Ion:152 Resp: 18922
Ion Ratio Lower Upper
152 100
150 149.1 128.6 192.8
115 60.1 50.4 75.6



#5
2-Fluorophenol
Concen: 58.620 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.020 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

Tgt Ion:112 Resp: 68927
Ion Ratio Lower Upper
112 100
64 70.1 60.6 90.8
63 39.6 31.0 46.4

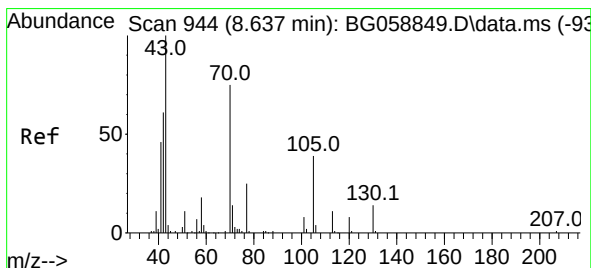
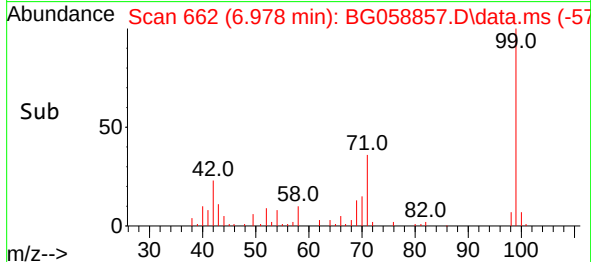
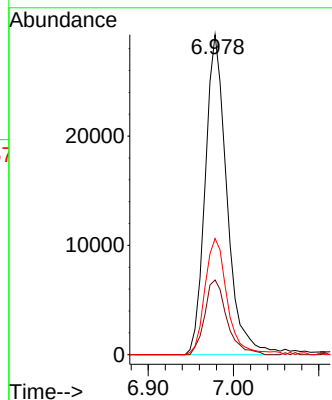
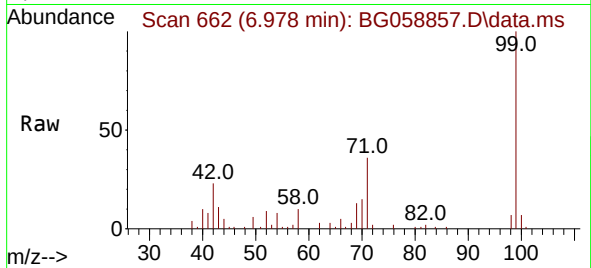




#7
Phenol-d6
Concen: 31.399 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.026 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

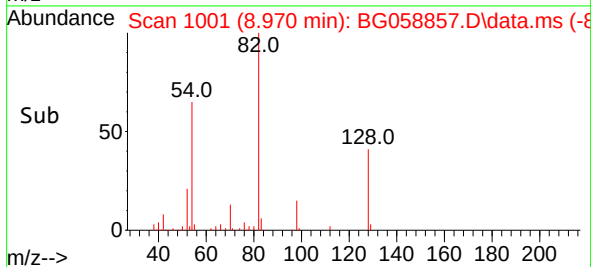
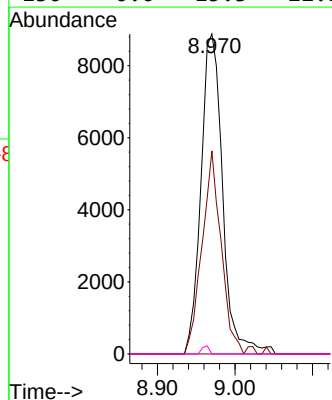
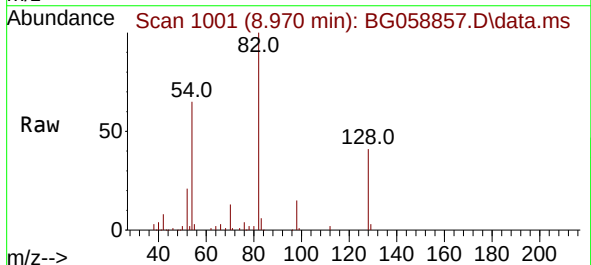
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

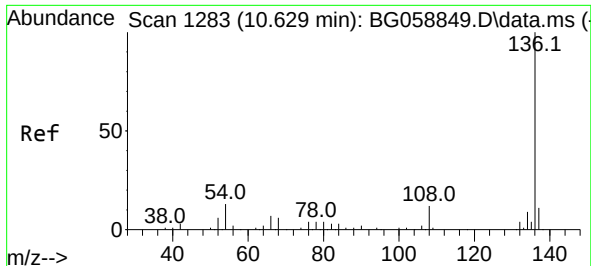
Tgt Ion: 99 Resp: 51798
Ion Ratio Lower Upper
99 100
42 23.3 16.5 24.7
71 36.3 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.156 ng
RT: 8.970 min Scan# 1001
Delta R.T. 0.333 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

Tgt Ion: 70 Resp: 17228
Ion Ratio Lower Upper
70 100
42 63.5 59.2 88.8
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

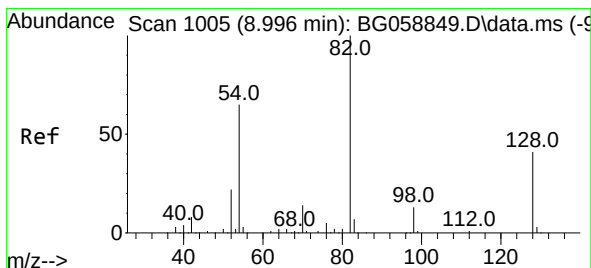
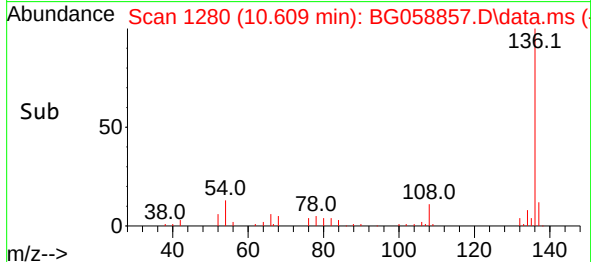
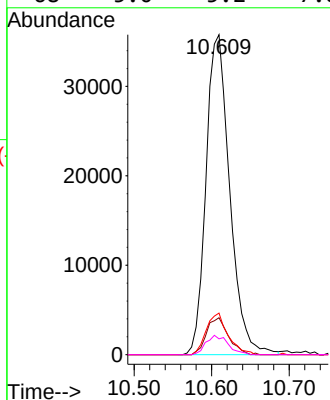
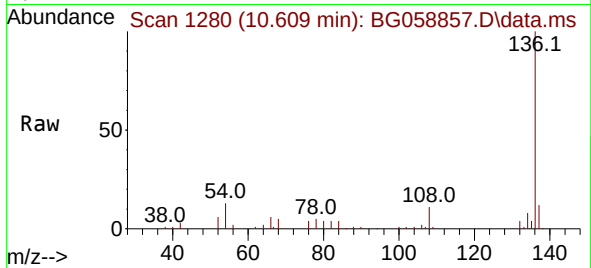




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

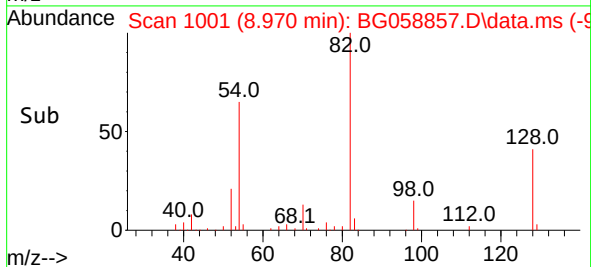
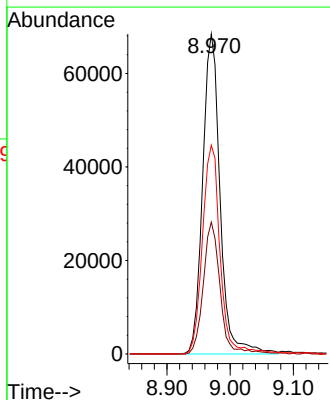
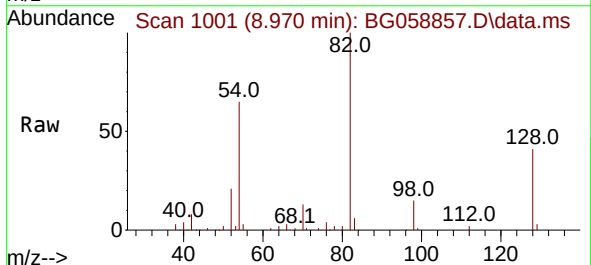
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

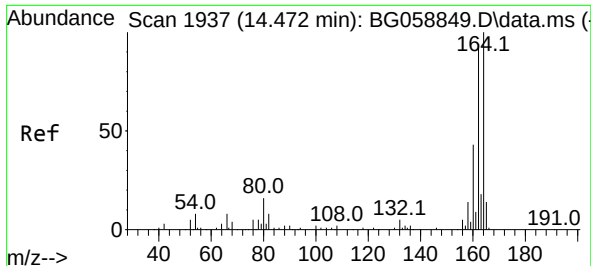
Tgt Ion:	136	Resp:	76189
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	13.0	10.1	15.1
68	5.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 82.558 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.026 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

Tgt Ion:	82	Resp:	130830
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.2	49.8
54	65.2	51.2	76.8

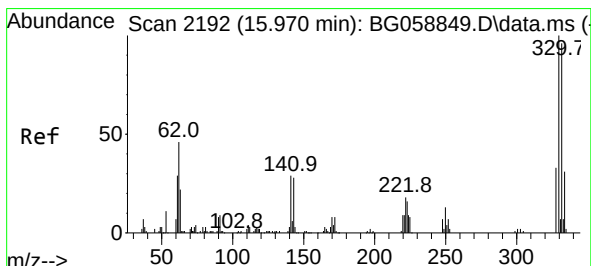
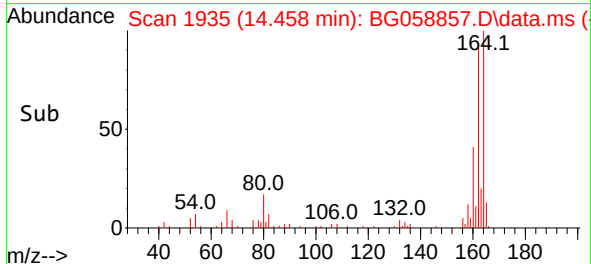
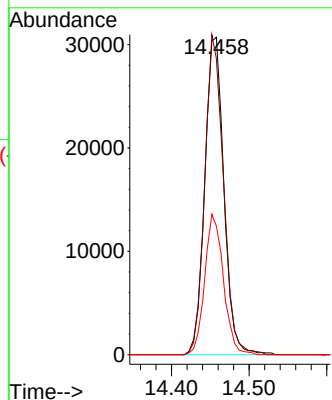
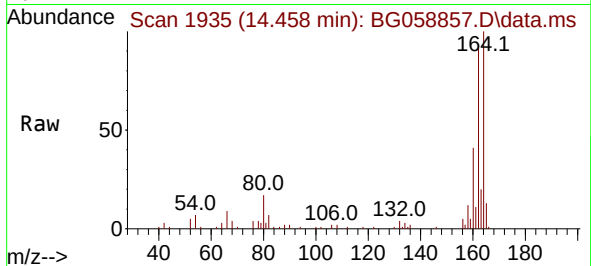




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.458 min Scan# 1935
 Delta R.T. -0.014 min
 Lab File: BG058857.D
 Acq: 25 Aug 2023 20:05

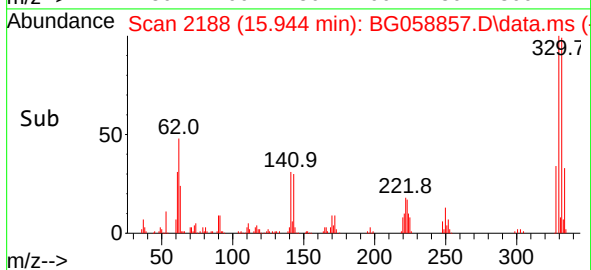
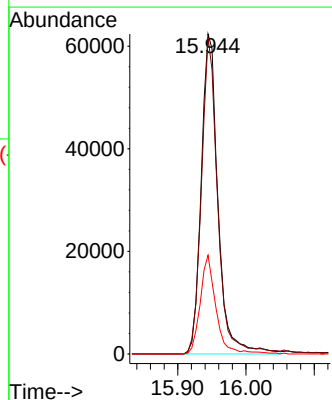
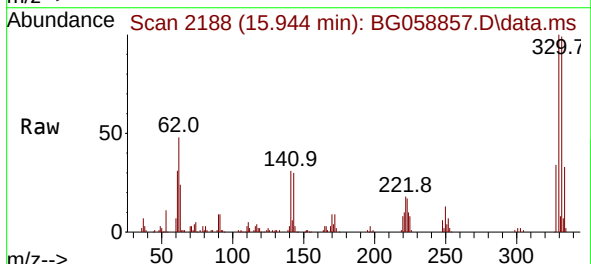
Instrument :
 BNA_G
 ClientSampleId :
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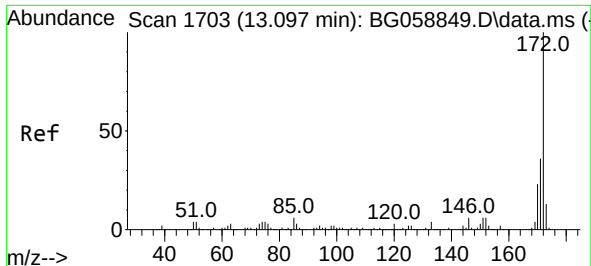
Tgt Ion:164 Resp: 52441
 Ion Ratio Lower Upper
 164 100
 162 93.3 79.6 119.4
 160 40.5 34.0 51.0



#42
 2,4,6-Tribromophenol
 Concen: 129.512 ng
 RT: 15.944 min Scan# 2188
 Delta R.T. -0.026 min
 Lab File: BG058857.D
 Acq: 25 Aug 2023 20:05

Tgt Ion:330 Resp: 106493
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.5 117.7
 141 29.0 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 85.430 ng

RT: 13.071 min Scan# 1

Delta R.T. -0.026 min

Lab File: BG058857.D

Acq: 25 Aug 2023 20:05

Instrument :

BNA_G

ClientSampleId :

RINSATE-BLANK

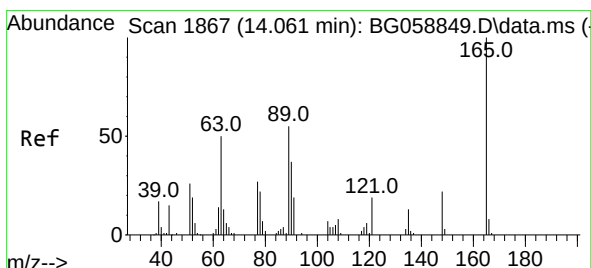
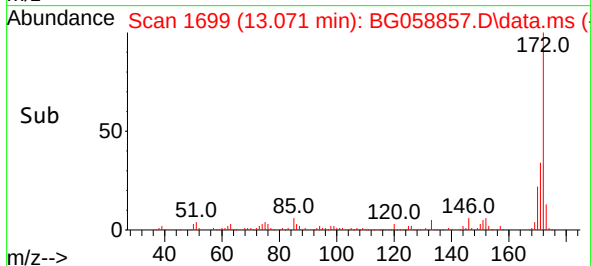
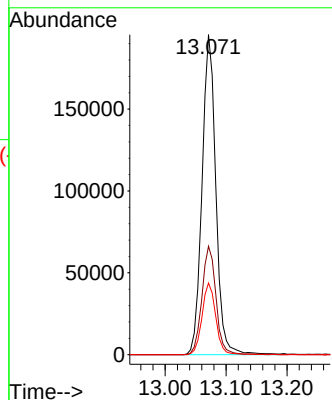
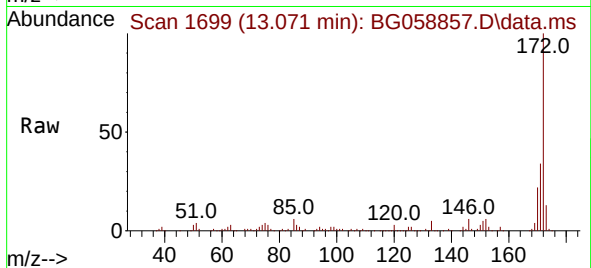
Tgt Ion:172 Resp: 308022

Ion Ratio Lower Upper

172 100

171 33.9 28.1 42.1

170 22.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 7.671 ng

RT: 14.452 min Scan# 1934

Delta R.T. 0.391 min

Lab File: BG058857.D

Acq: 25 Aug 2023 20:05

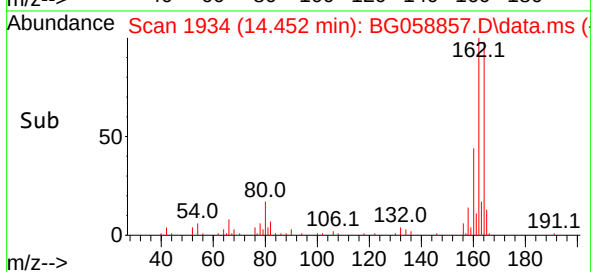
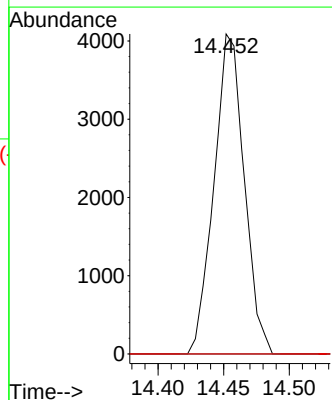
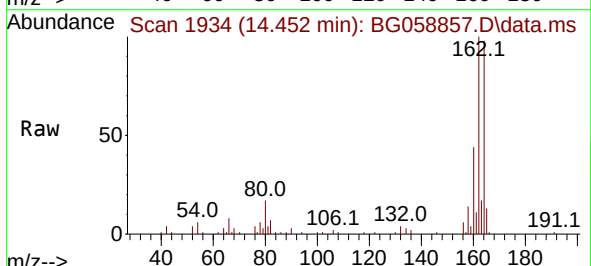
Tgt Ion:165 Resp: 6544

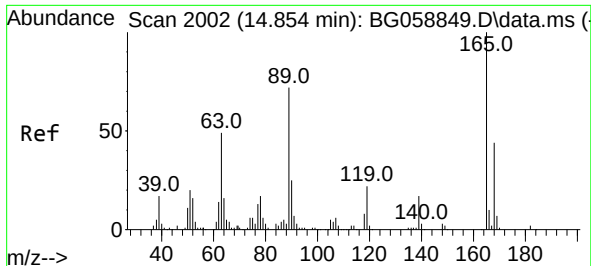
Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.500 ng

RT: 14.452 min Scan# 1934

Delta R.T. -0.402 min

Lab File: BG058857.D

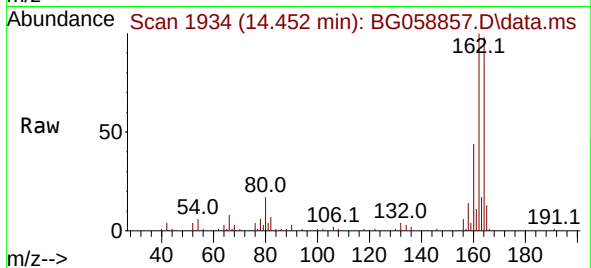
Acq: 25 Aug 2023 20:05

Instrument :

BNA_G

ClientSampleId :

RINSATE-BLANK



Tgt Ion:165 Resp: 6544

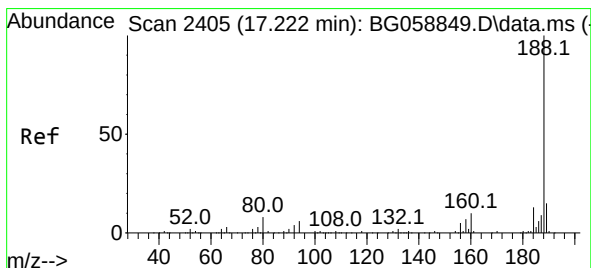
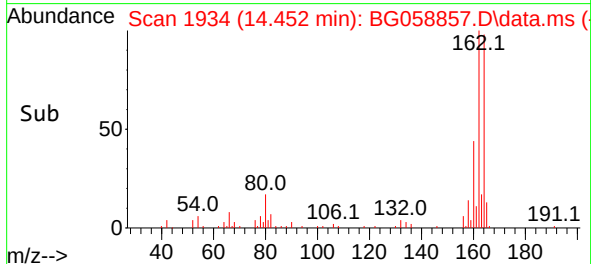
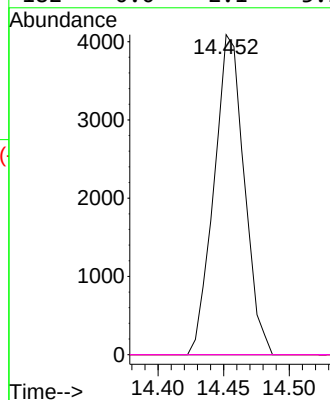
Ion Ratio Lower Upper

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. -0.020 min

Lab File: BG058857.D

Acq: 25 Aug 2023 20:05

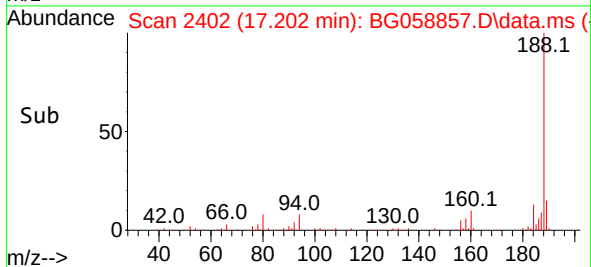
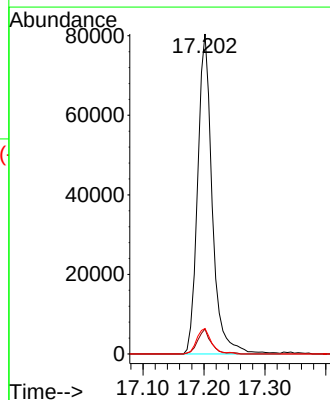
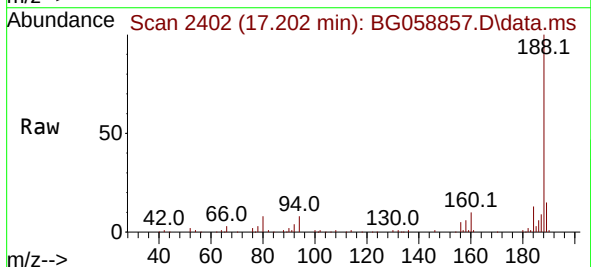
Tgt Ion:188 Resp: 133636

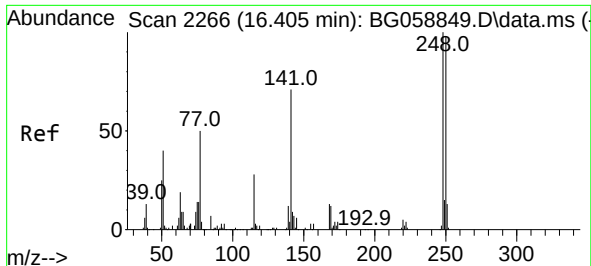
Ion Ratio Lower Upper

188 100

94 7.8 6.1 9.1

80 7.9 6.9 10.3

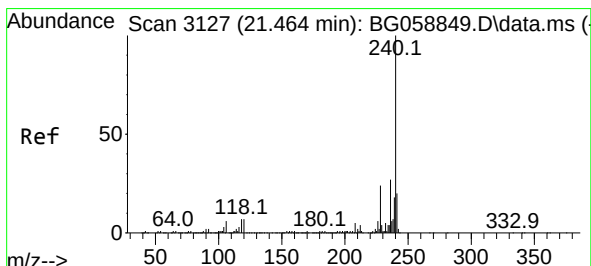
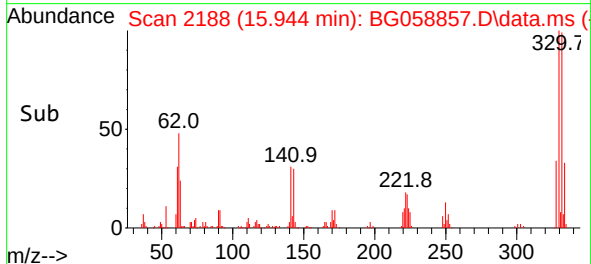
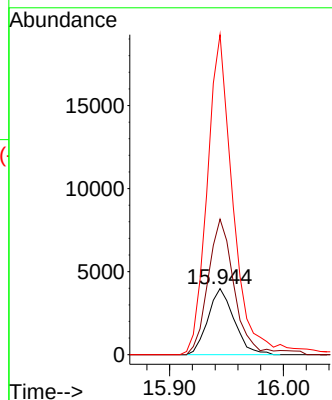
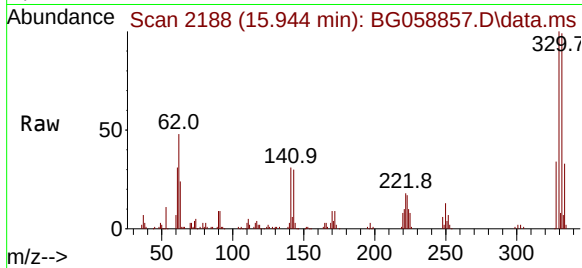




#67
4-Bromophenyl-phenylether
Concen: 4.347 ng
RT: 15.944 min Scan# 2118
Delta R.T. -0.461 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

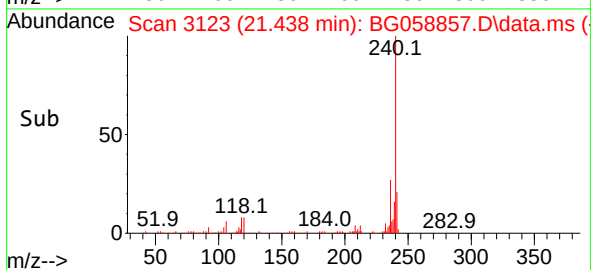
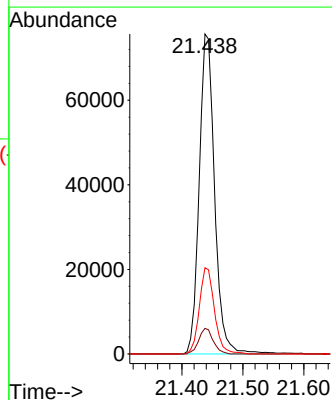
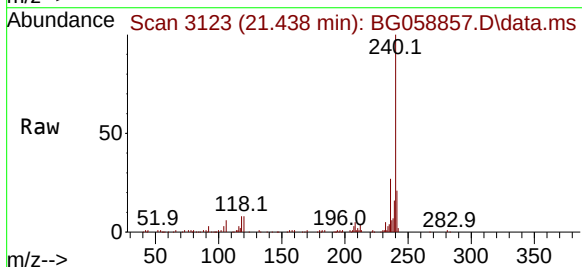
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

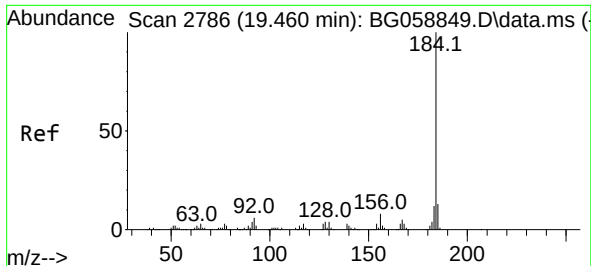
Tgt Ion:248 Resp: 6374
Ion Ratio Lower Upper
248 100
250 205.2 77.7 116.5#
141 484.4 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.438 min Scan# 3123
Delta R.T. -0.026 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

Tgt Ion:240 Resp: 132780
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 26.9 20.5 30.7

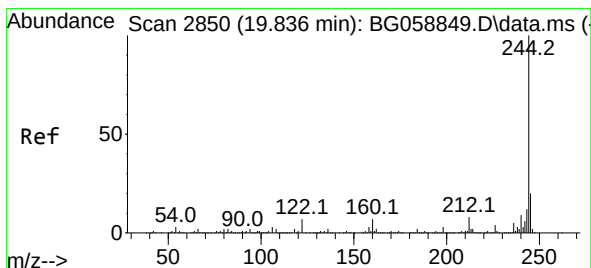
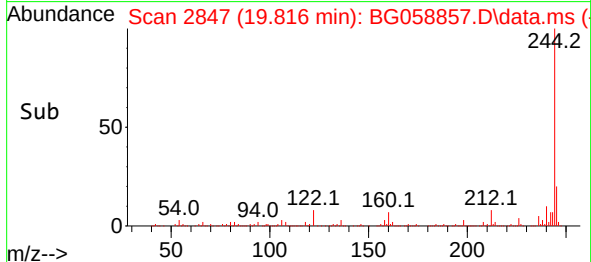
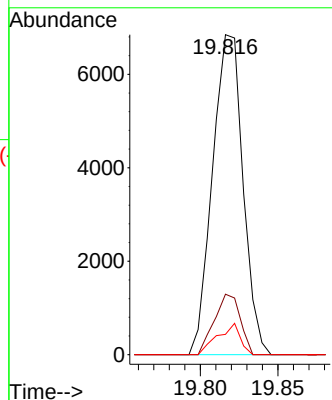
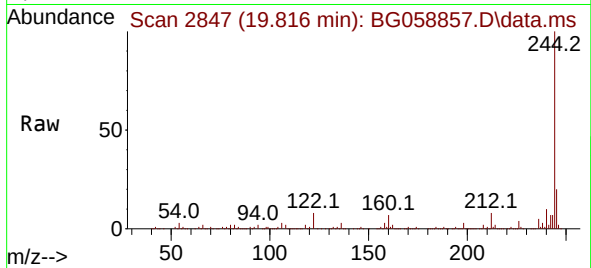




#77
Benzidine
Concen: 3.936 ng
RT: 19.816 min Scan# 2847
Delta R.T. 0.356 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

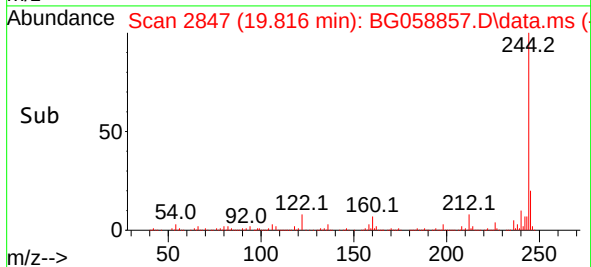
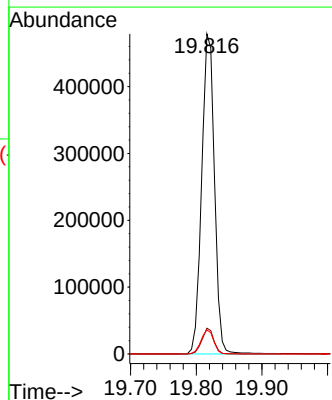
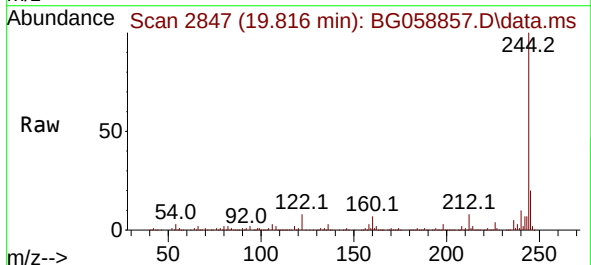
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

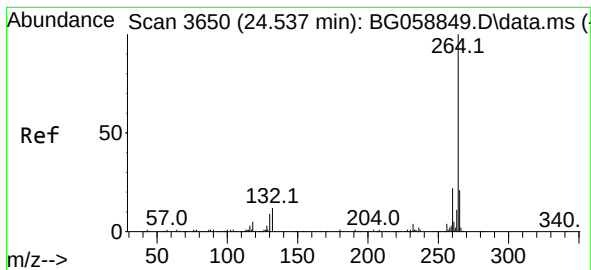
Tgt Ion:184 Resp: 9366
Ion Ratio Lower Upper
184 100
185 18.9 11.9 17.9#
183 6.3 10.0 15.0#



#79
Terphenyl-d14
Concen: 88.043 ng
RT: 19.816 min Scan# 2847
Delta R.T. -0.020 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

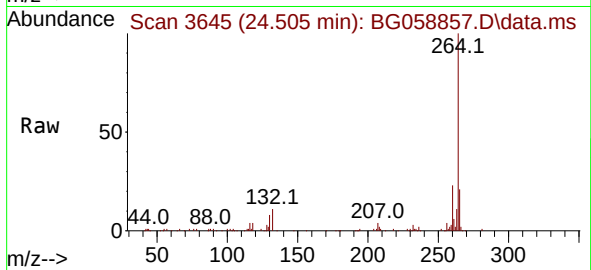
Tgt Ion:244 Resp: 651059
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 7.5 6.3 9.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.505 min Scan# 30
Delta R.T. -0.032 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK



Tgt Ion:264 Resp: 158123

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	20.9	16.4	24.6

