

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058881.D
 Acq On : 28 Aug 2023 20:09
 Operator : MA/JU
 Sample : 04151-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EQ-TANK-DNMPL

Quant Time: Aug 29 01:15:36 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)

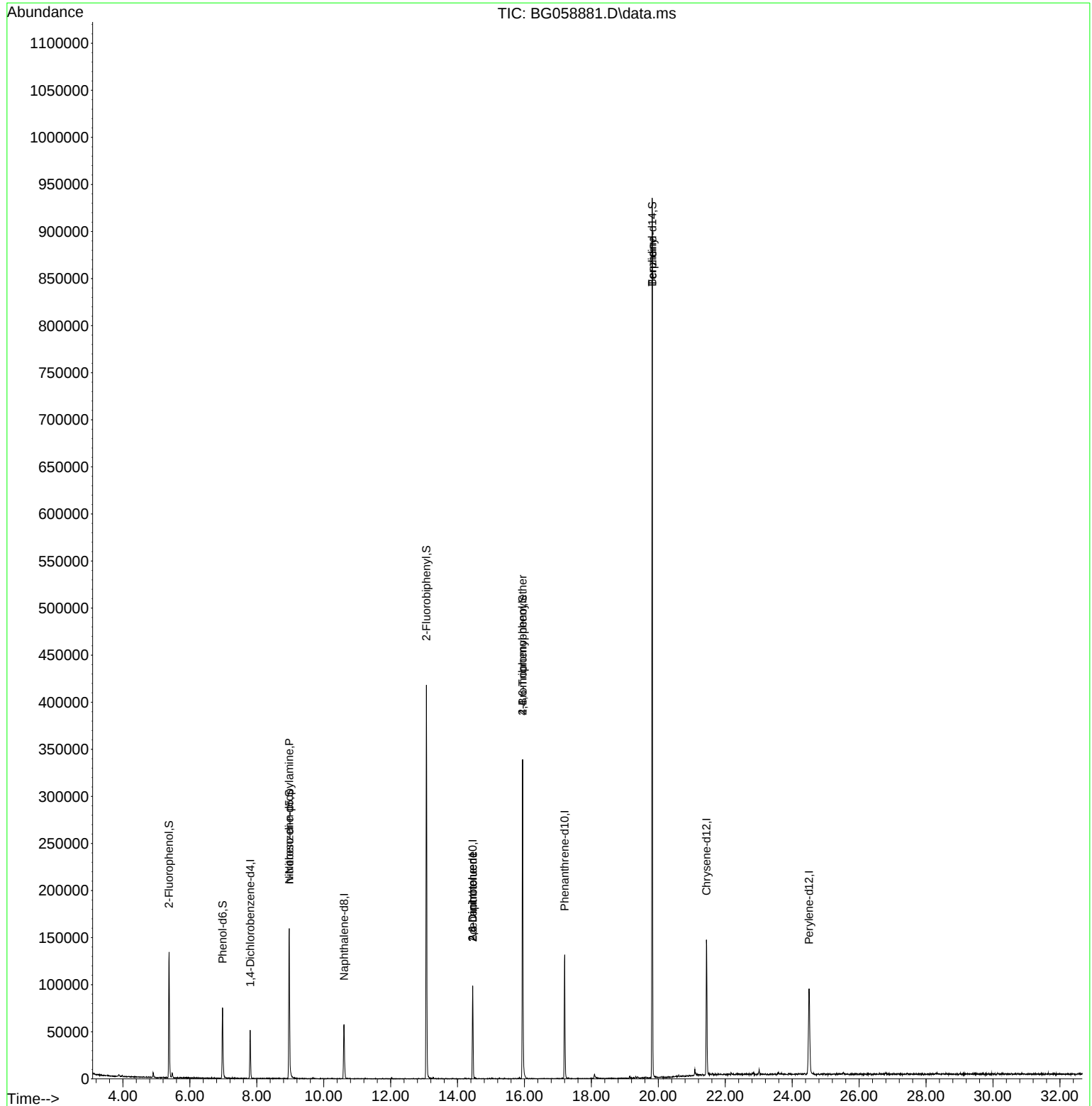
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	14372	20.000	ng	-0.02
21) Naphthalene-d8	10.608	136	56289	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	37945	20.000	ng	-0.02
64) Phenanthrene-d10	17.200	188	95200	20.000	ng	-0.02
76) Chrysene-d12	21.437	240	94605	20.000	ng	-0.03
86) Perylene-d12	24.504	264	112694	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	58034	64.982	ng	-0.02
7) Phenol-d6	6.977	99	44911	35.843	ng	-0.03
23) Nitrobenzene-d5	8.969	82	102640	87.667	ng	-0.03
42) 2,4,6-Tribromophenol	15.943	330	77988	131.079	ng	-0.03
45) 2-Fluorobiphenyl	13.070	172	238008	91.230	ng	-0.03
79) Terphenyl-d14	19.815	244	492319	93.442	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.969	70	13044	16.105	ng	# 77
51) 2,6-Dinitrotoluene	14.451	165	4883	7.911	ng	# 22
57) 2,4-Dinitrotoluene	14.451	165	4883	5.672	ng	# 19
67) 4-Bromophenyl-phenylether	15.943	248	5060	4.844	ng	# 1
77) Benzidine	19.815	184	7009	4.134	ng	# 92

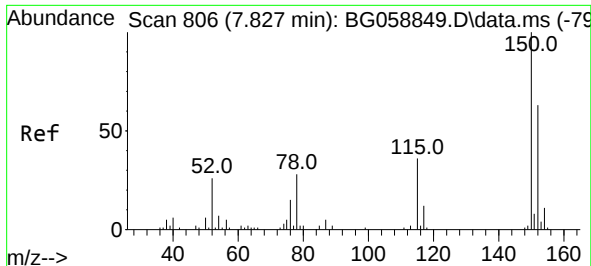
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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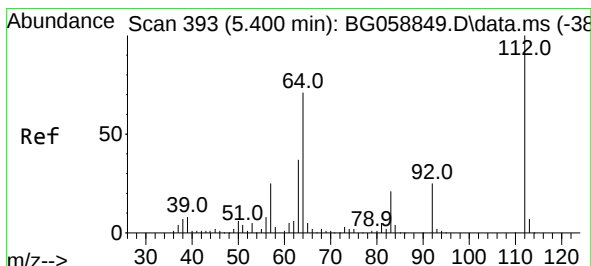
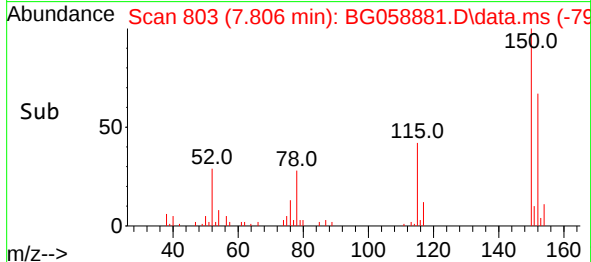
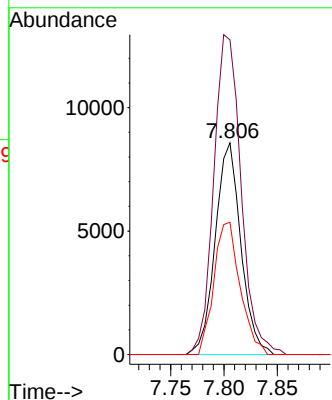
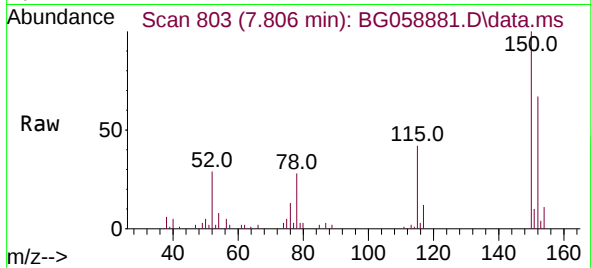




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

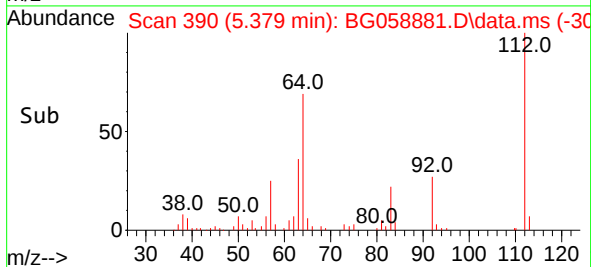
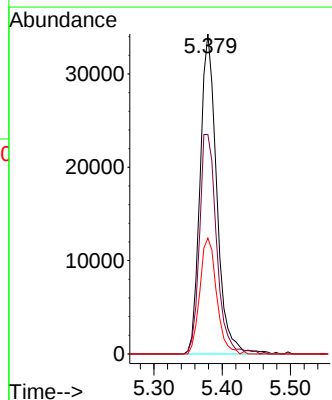
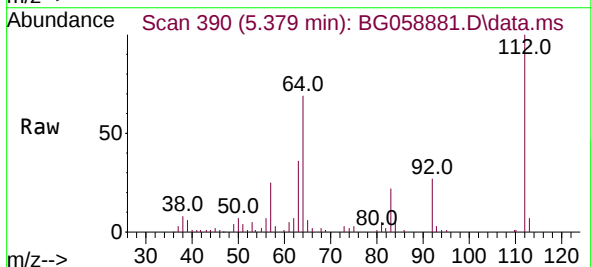
Instrument :
BNA_G
ClientSampleId :
EQ-TANK-DNMPL

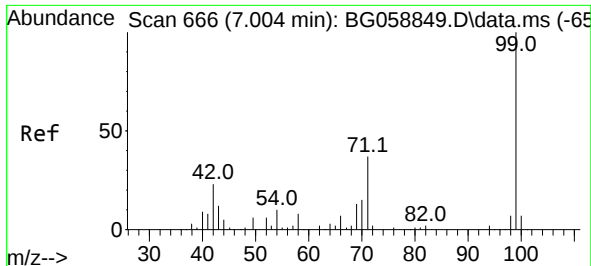
Tgt Ion:152 Resp: 14372
Ion Ratio Lower Upper
152 100
150 148.6 128.6 192.8
115 62.5 50.4 75.6



#5
2-Fluorophenol
Concen: 64.982 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.021 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

Tgt Ion:112 Resp: 58034
Ion Ratio Lower Upper
112 100
64 68.6 60.6 90.8
63 36.2 31.0 46.4

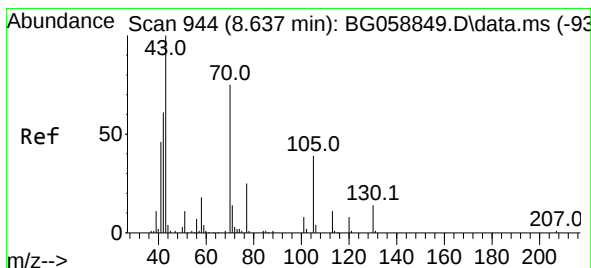
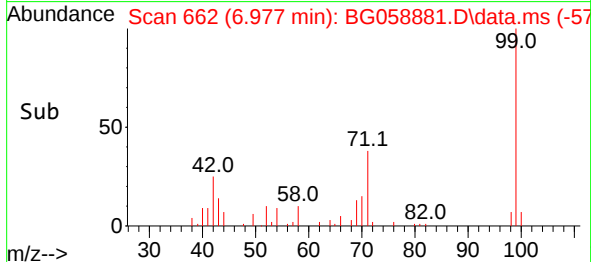
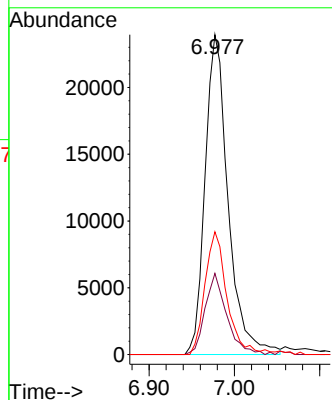
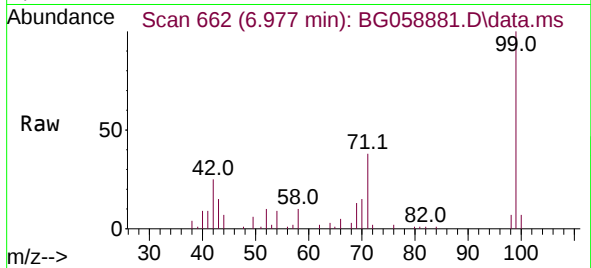




#7
Phenol-d6
Concen: 35.843 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.027 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

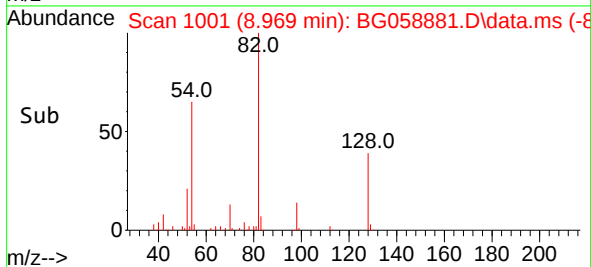
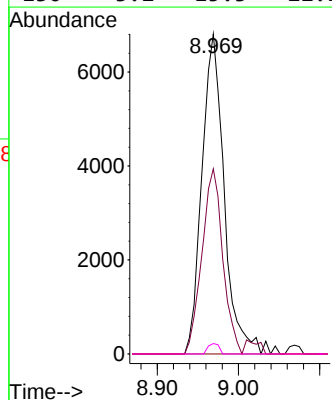
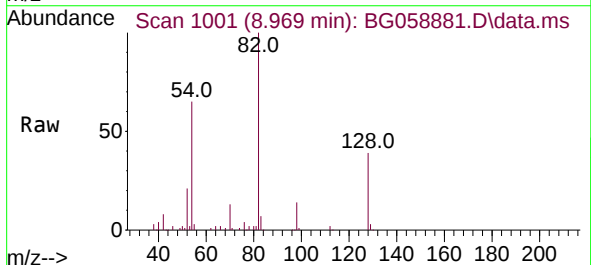
Instrument :
BNA_G
ClientSampleId :
EQ-TANK-DNMPL

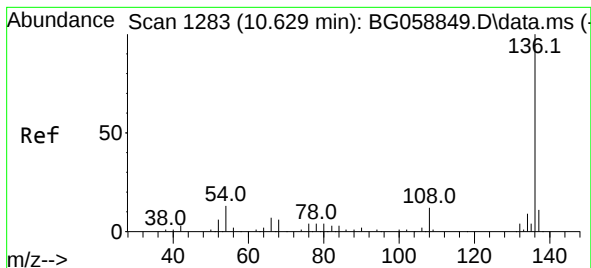
Tgt Ion: 99 Resp: 44911
Ion Ratio Lower Upper
99 100
42 25.4 16.5 24.7#
71 38.4 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.105 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.331 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

Tgt Ion: 70 Resp: 13044
Ion Ratio Lower Upper
70 100
42 57.8 59.2 88.8#
101 0.0 8.2 12.2#
130 3.2 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.608 min Scan# 11

Delta R.T. -0.021 min

Lab File: BG058881.D

Acq: 28 Aug 2023 20:09

Instrument :

BNA_G

ClientSampleId :

EQ-TANK-DNMPL

Tgt Ion:136 Resp: 56289

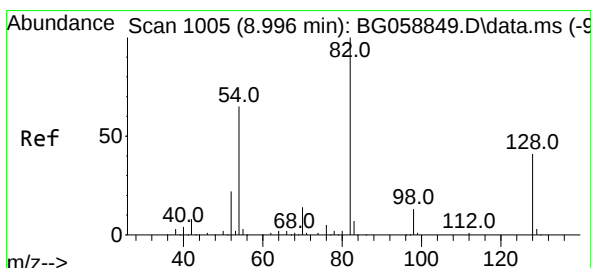
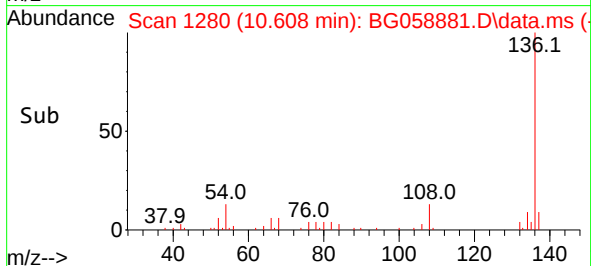
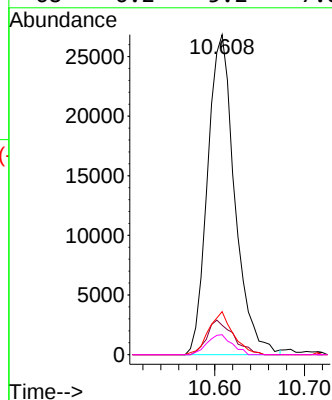
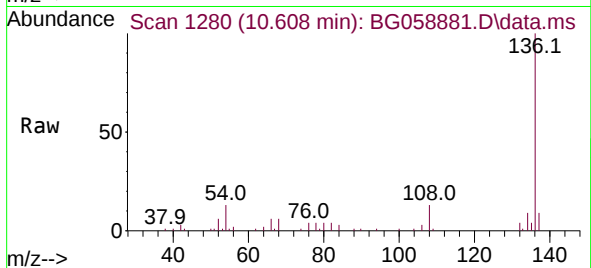
Ion Ratio Lower Upper

136 100

137 9.2 8.7 13.1

54 13.4 10.1 15.1

68 6.2 5.2 7.8



#23

Nitrobenzene-d5

Concen: 87.667 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.027 min

Lab File: BG058881.D

Acq: 28 Aug 2023 20:09

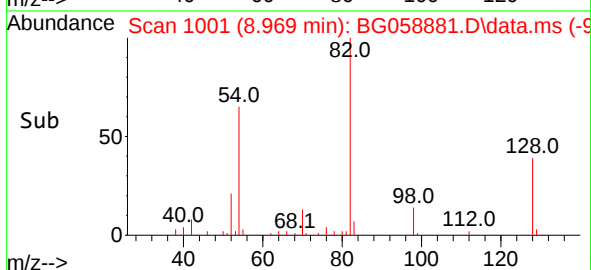
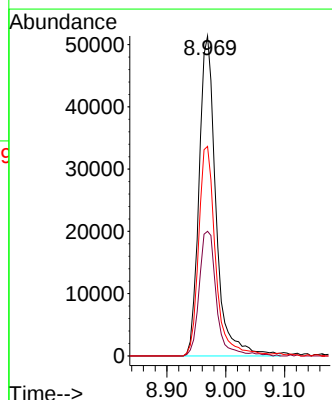
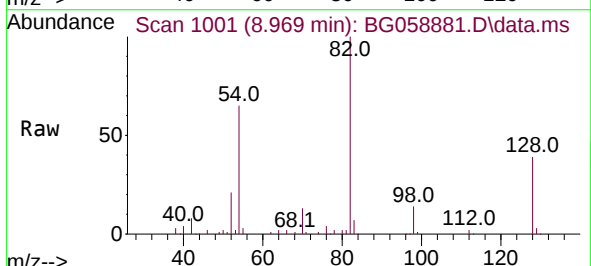
Tgt Ion: 82 Resp: 102640

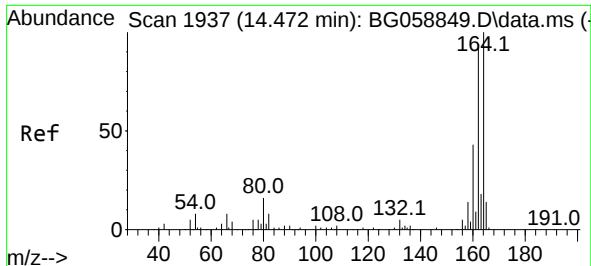
Ion Ratio Lower Upper

82 100

128 38.9 33.2 49.8

54 65.5 51.2 76.8

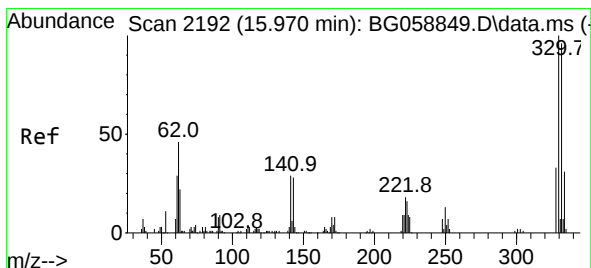
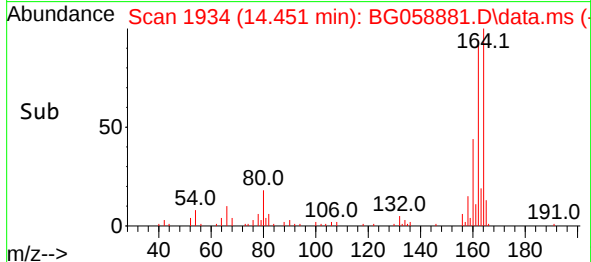
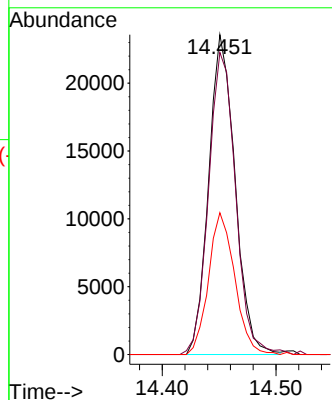
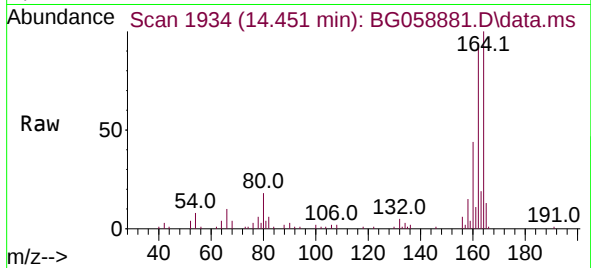




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.021 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

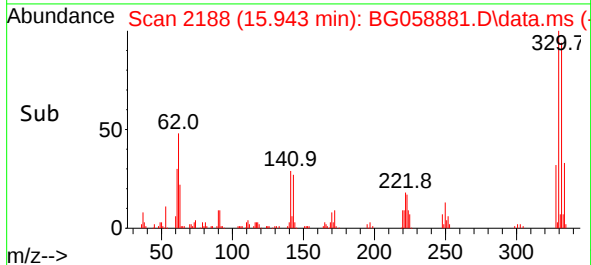
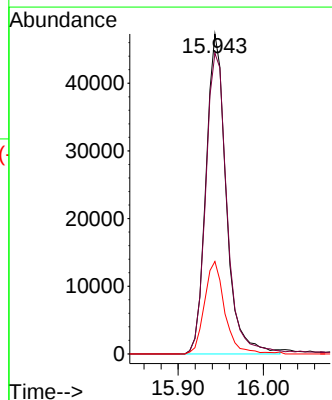
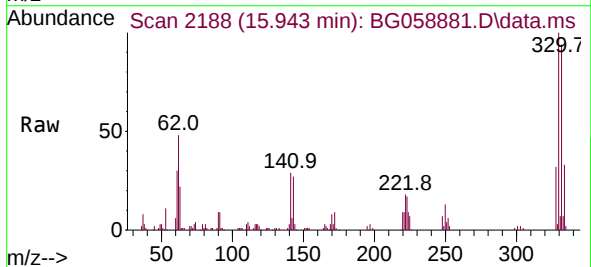
Instrument :
BNA_G
ClientSampleId :
EQ-TANK-DNMPL

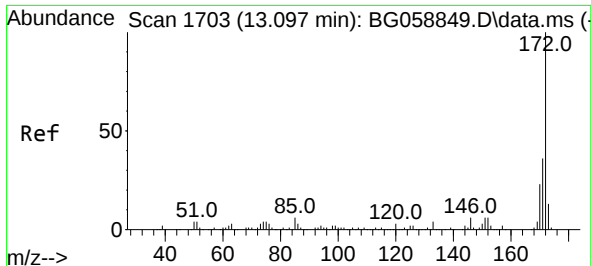
Tgt Ion:164 Resp: 37945
Ion Ratio Lower Upper
164 100
162 94.4 79.6 119.4
160 44.3 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 131.079 ng
RT: 15.943 min Scan# 2188
Delta R.T. -0.027 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

Tgt Ion:330 Resp: 77988
Ion Ratio Lower Upper
330 100
332 99.5 78.5 117.7
141 29.0 23.0 34.6

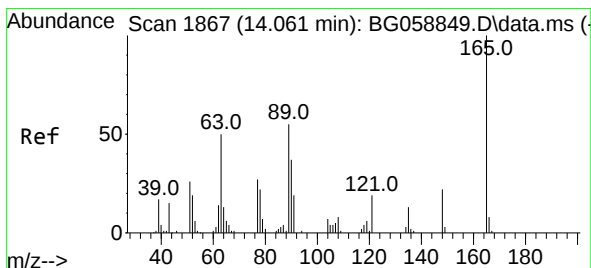
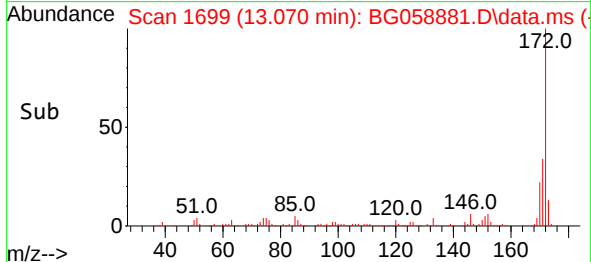
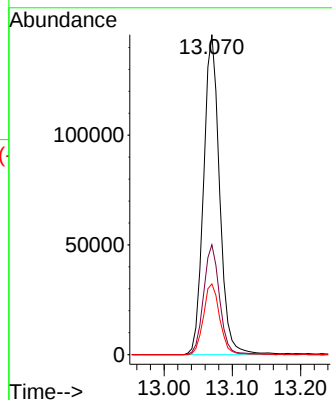
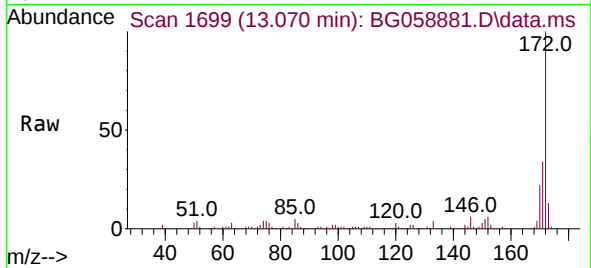




#45
2-Fluorobiphenyl
Concen: 91.230 ng
RT: 13.070 min Scan# 10
Delta R.T. -0.027 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

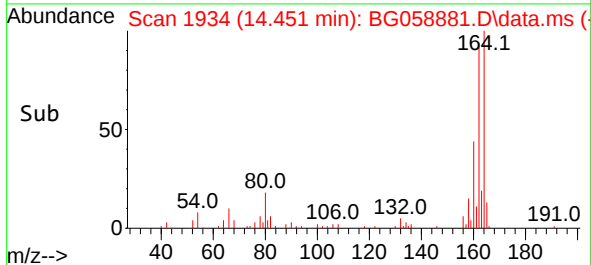
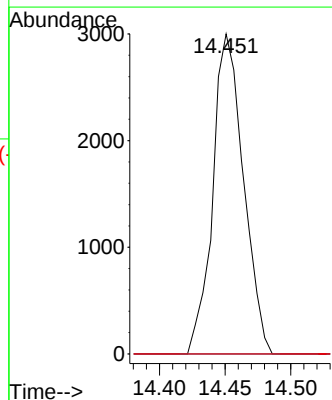
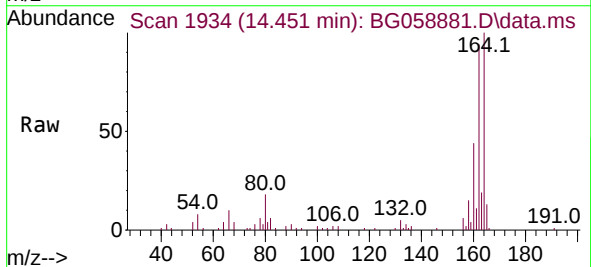
Instrument :
BNA_G
ClientSampleId :
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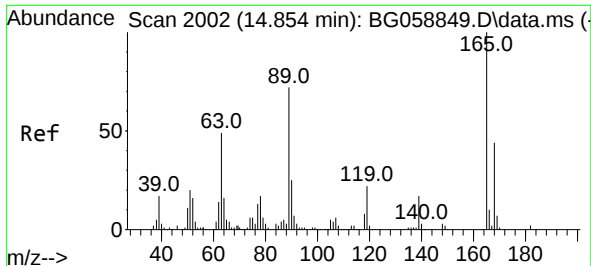
Tgt Ion:172 Resp: 238008
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.911 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.390 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

Tgt Ion:165 Resp: 4883
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: 5.672 ng

RT: 14.451 min Scan# 19

Delta R.T. -0.403 min

Lab File: BG058881.D

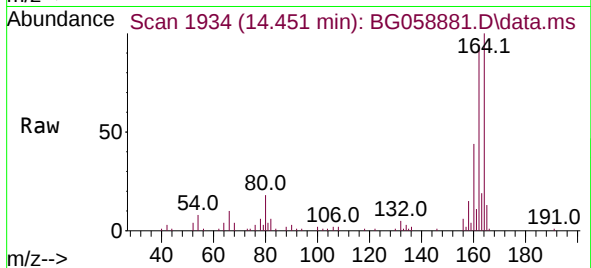
Acq: 28 Aug 2023 20:09

Instrument :

BNA_G

ClientSampleId :

EQ-TANK-DNMPL



Tgt Ion:165 Resp: 4883

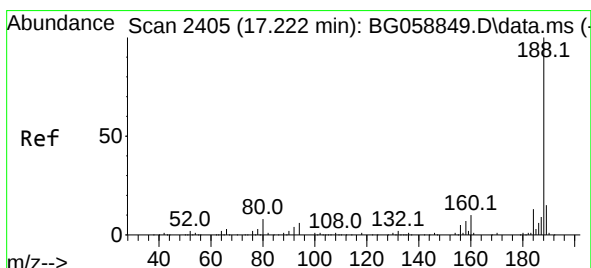
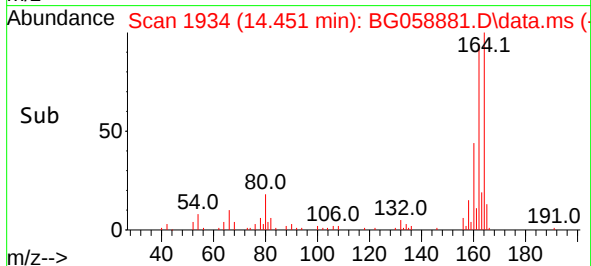
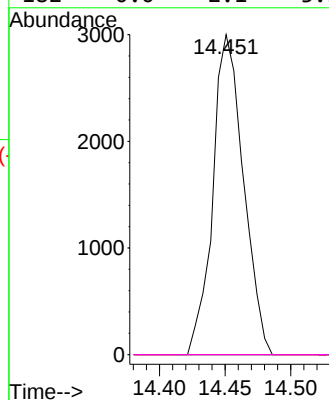
Ion Ratio Lower Upper

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: 17.200 min Scan# 2402

Delta R.T. -0.021 min

Lab File: BG058881.D

Acq: 28 Aug 2023 20:09

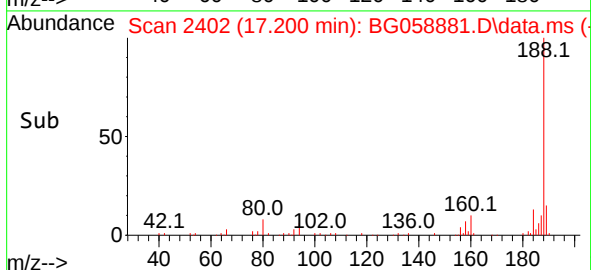
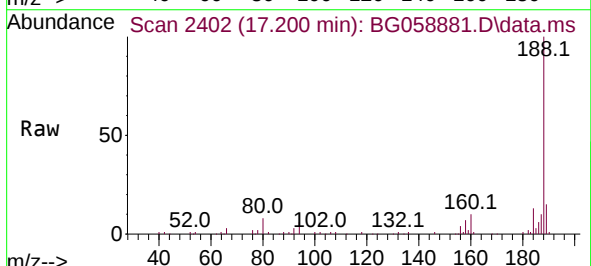
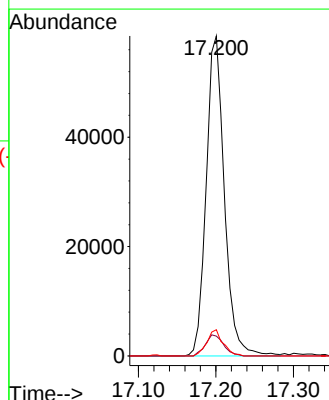
Tgt Ion:188 Resp: 95200

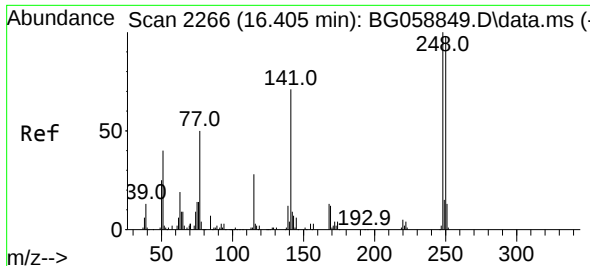
Ion Ratio Lower Upper

188 100

94 6.2 6.1 9.1

80 8.2 6.9 10.3

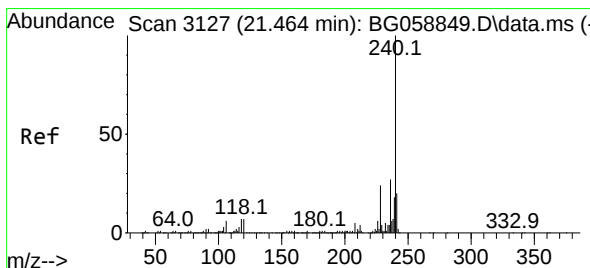
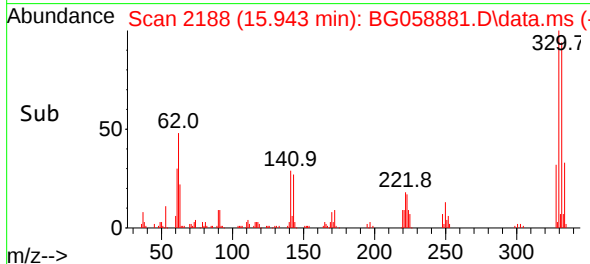
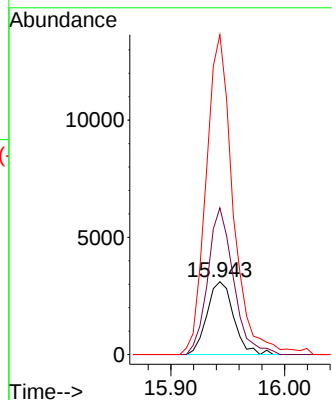
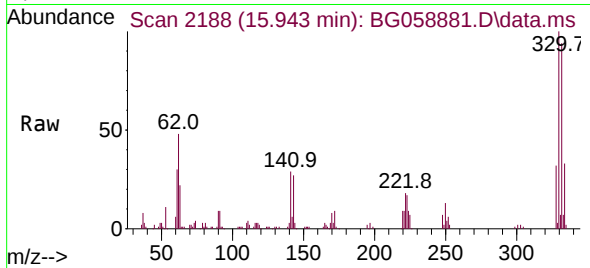




#67
4-Bromophenyl-phenylether
Concen: 4.844 ng
RT: 15.943 min Scan# 211
Delta R.T. -0.462 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

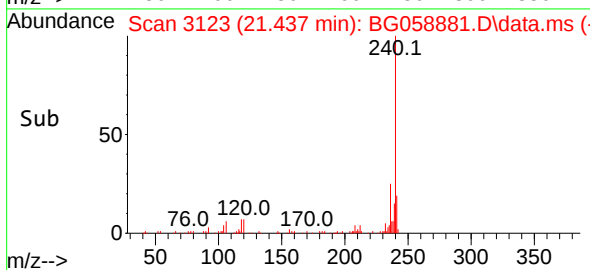
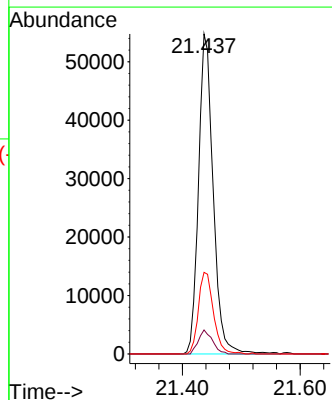
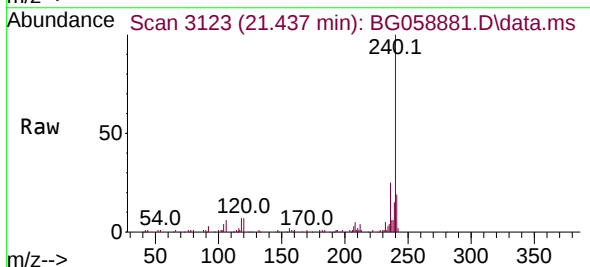
Instrument :
BNA_G
ClientSampleId :
EQ-TANK-DNMPL

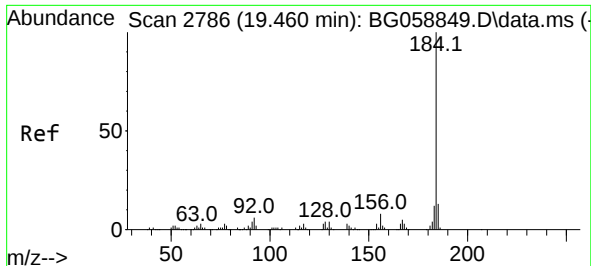
Tgt Ion:248 Resp: 5060
Ion Ratio Lower Upper
248 100
250 201.5 77.7 116.5#
141 439.4 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.027 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

Tgt Ion:240 Resp: 94605
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.2
236 25.5 20.5 30.7

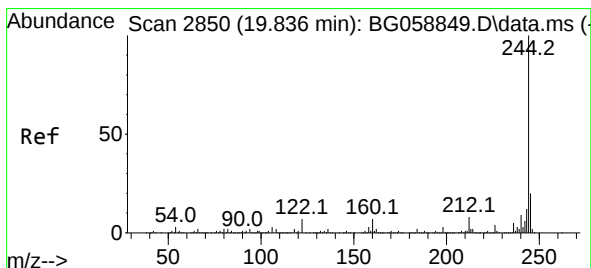
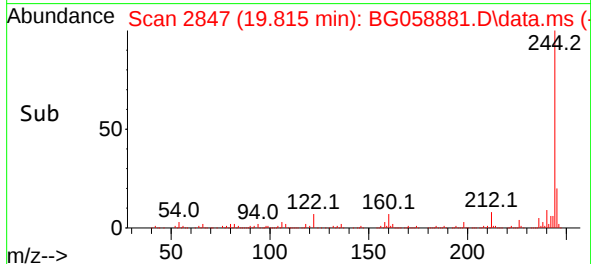
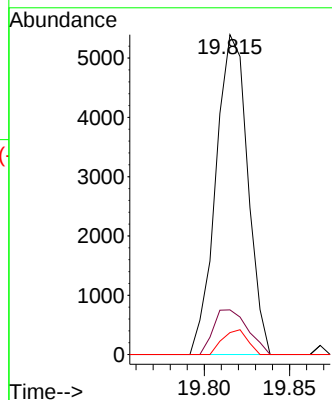
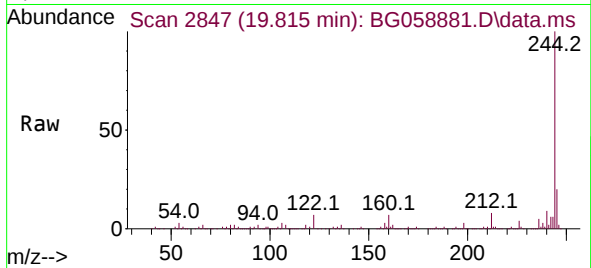




#77
Benzidine
Concen: 4.134 ng
RT: 19.815 min Scan# 2847
Delta R.T. 0.355 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

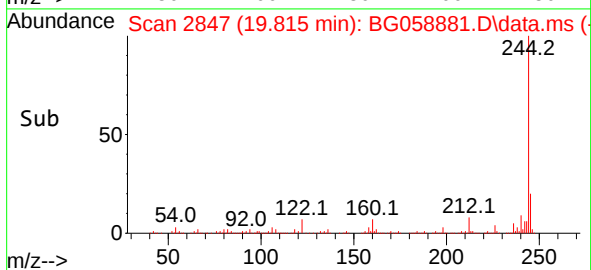
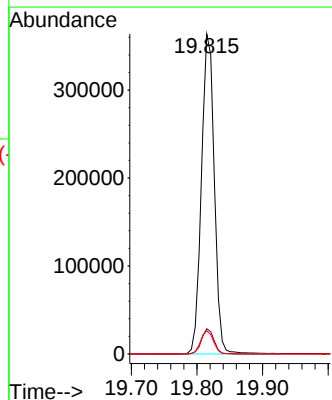
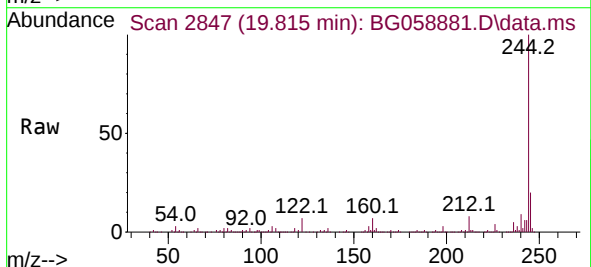
Instrument :
BNA_G
ClientSampleId :
EQ-TANK-DNMPL

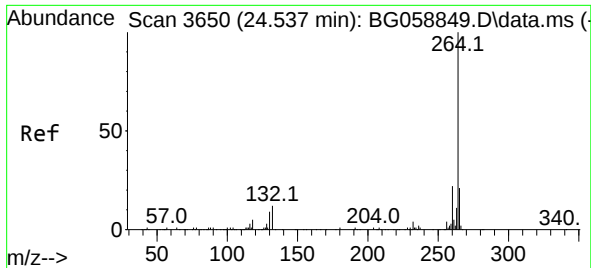
Tgt Ion:184 Resp: 7009
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 6.9 10.0 15.0#



#79
Terphenyl-d14
Concen: 93.442 ng
RT: 19.815 min Scan# 2847
Delta R.T. -0.021 min
Lab File: BG058881.D
Acq: 28 Aug 2023 20:09

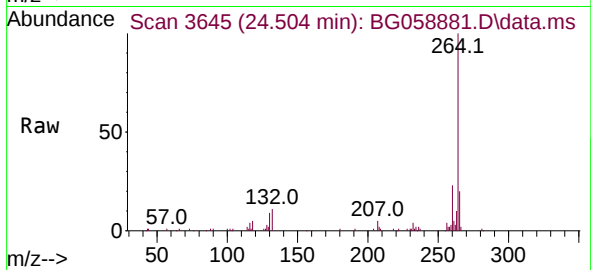
Tgt Ion:244 Resp: 492319
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 7.2 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.504 min Scan# 30
 Delta R.T. -0.033 min
 Lab File: BG058881.D
 Acq: 28 Aug 2023 20:09

Instrument :
 BNA_G
 ClientSampleId :
 EQ-TANK-DNMPL



Tgt Ion:264	Resp:	112694
Ion	Ratio	Lower Upper
264	100	
260	23.1	18.2 27.2
265	19.7	16.4 24.6

