

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058878.D
 Acq On : 28 Aug 2023 18:06
 Operator : MA/JU
 Sample : 04188-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Aug 29 01:14:39 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)

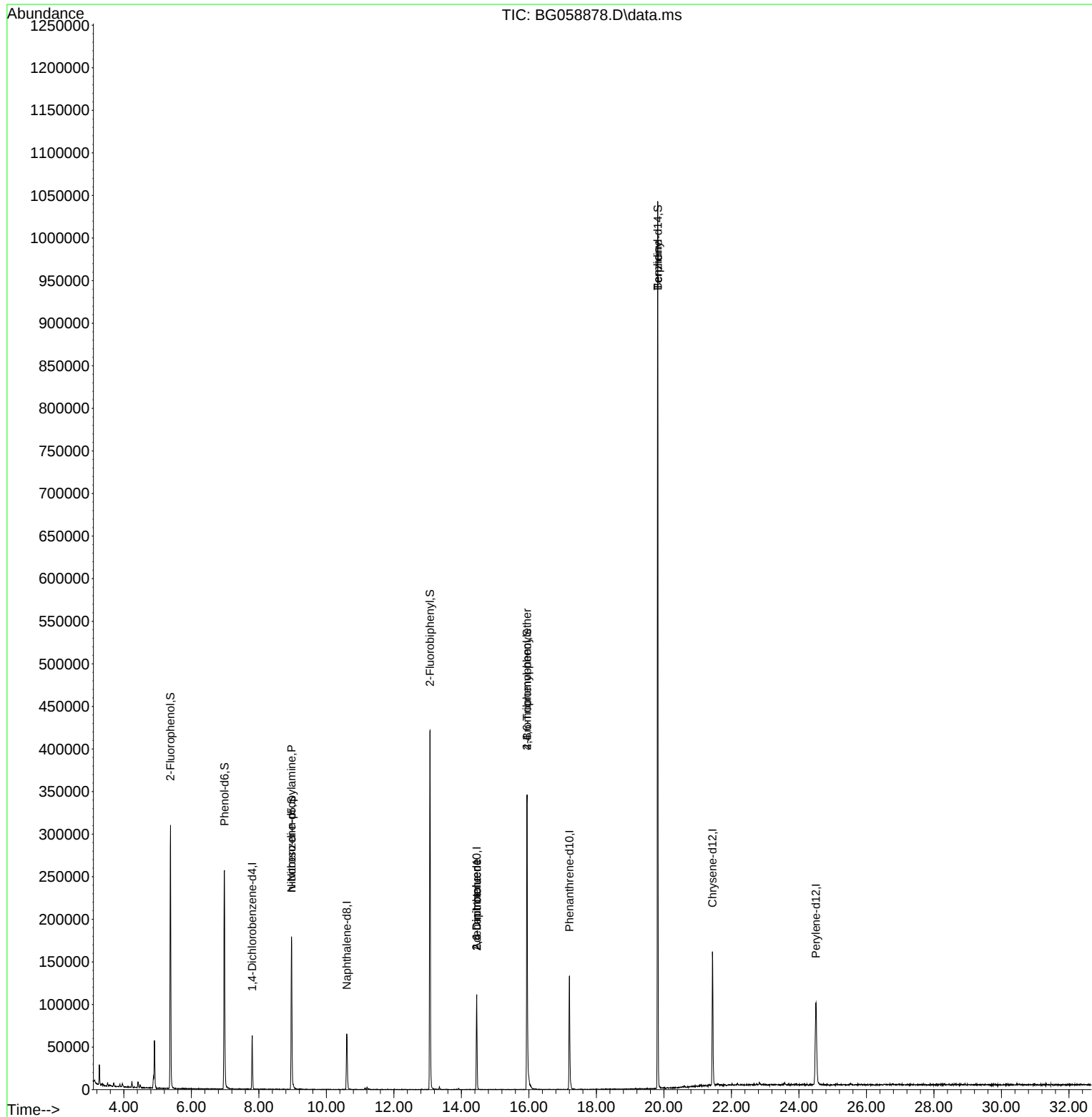
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	17935	20.000	ng	-0.02
21) Naphthalene-d8	10.605	136	64731	20.000	ng	-0.02
39) Acenaphthene-d10	14.454	164	43182	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	106687	20.000	ng	-0.02
76) Chrysene-d12	21.440	240	106846	20.000	ng	-0.02
86) Perylene-d12	24.507	264	122620	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	124139	111.387	ng	-0.02
7) Phenol-d6	6.980	99	148935	95.249	ng	-0.02
23) Nitrobenzene-d5	8.966	82	109401	81.255	ng	-0.03
42) 2,4,6-Tribromophenol	15.946	330	89370	131.992	ng	-0.02
45) 2-Fluorobiphenyl	13.073	172	250962	84.529	ng	-0.02
79) Terphenyl-d14	19.818	244	536751	90.203	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.966	70	14962	14.803	ng	# 74
51) 2,6-Dinitrotoluene	14.454	165	5145	7.325	ng	# 22
57) 2,4-Dinitrotoluene	14.454	165	5145	5.251	ng	# 19
67) 4-Bromophenyl-phenylether	15.946	248	5407	4.618	ng	# 1
77) Benzydine	19.818	184	7928	4.140	ng	# 86

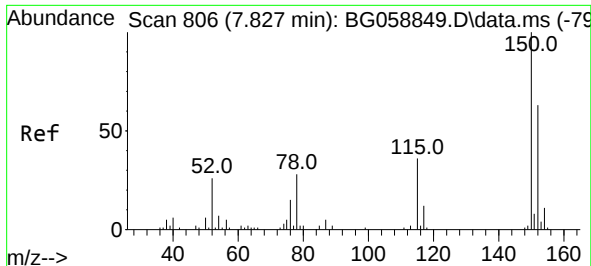
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
Data File : BG058878.D
Acq On : 28 Aug 2023 18:06
Operator : MA/JU
Sample : 04188-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-4

Quant Time: Aug 29 01:14:39 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

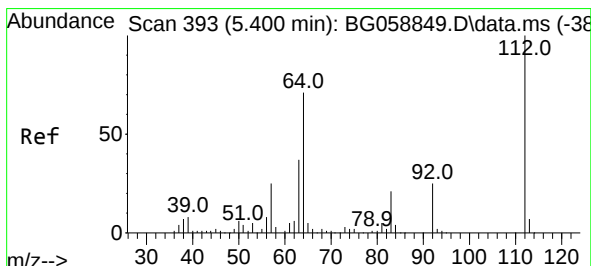
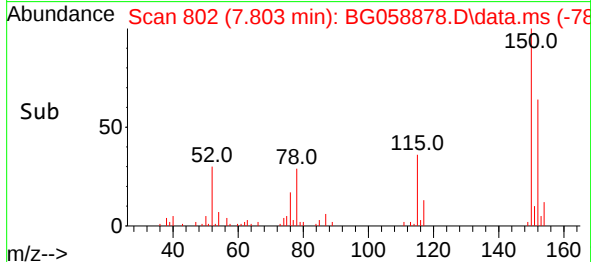
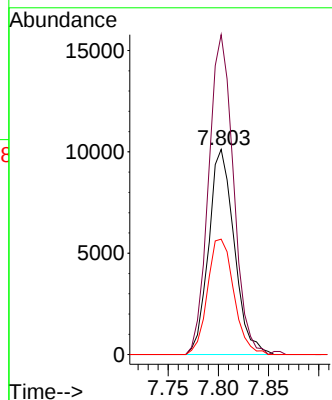
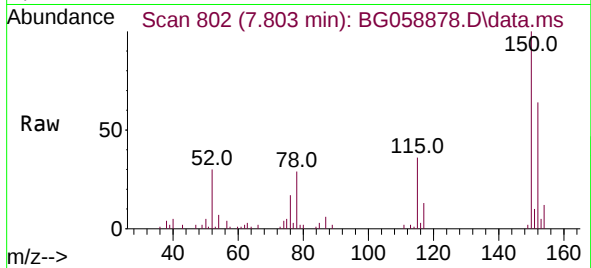




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.803 min Scan# 80
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

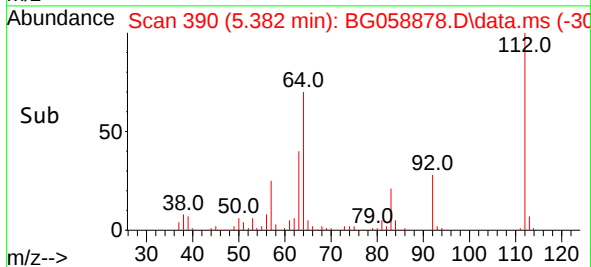
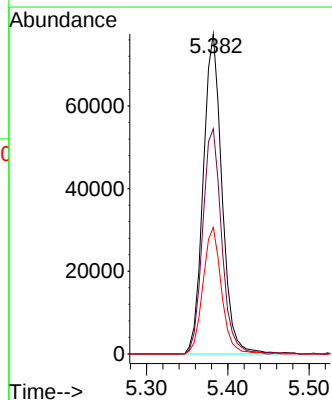
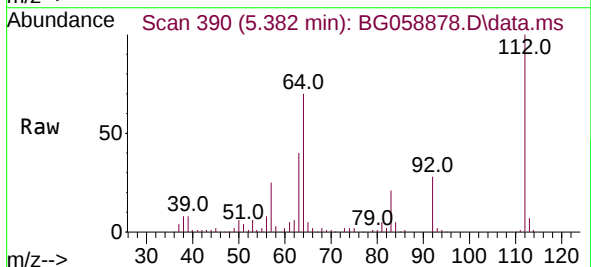
Instrument :
BNA_G
ClientSampleId :
WC-4

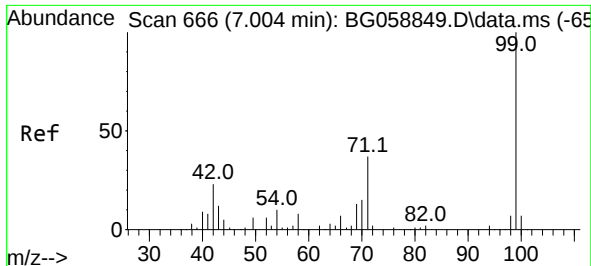
Tgt Ion:152 Resp: 17935
Ion Ratio Lower Upper
152 100
150 155.9 128.6 192.8
115 56.3 50.4 75.6



#5
2-Fluorophenol
Concen: 111.387 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.018 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion:112 Resp: 124139
Ion Ratio Lower Upper
112 100
64 70.3 60.6 90.8
63 39.5 31.0 46.4

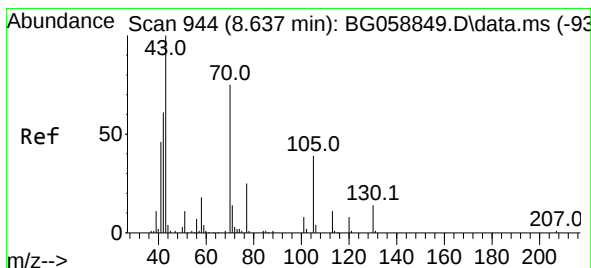
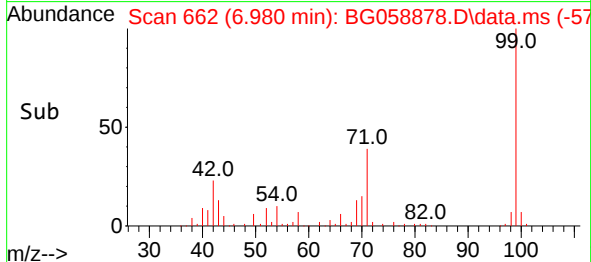
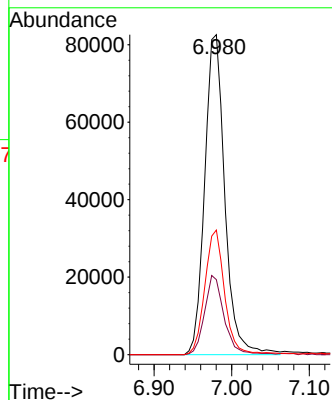
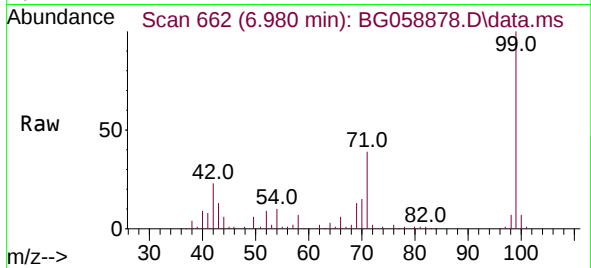




#7
Phenol-d6
Concen: 95.249 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

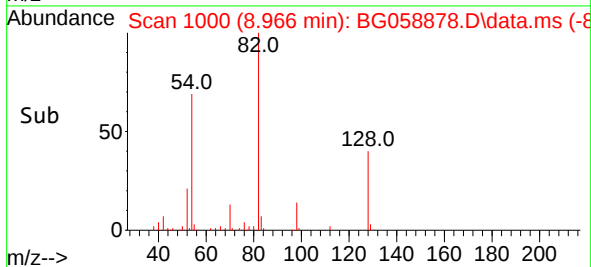
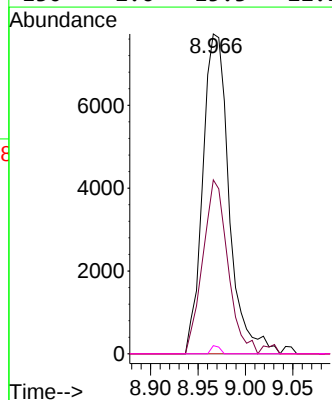
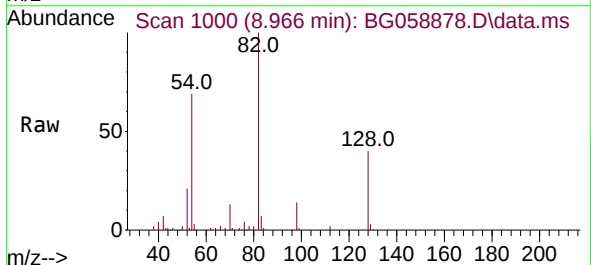
Instrument :
BNA_G
ClientSampleId :
WC-4

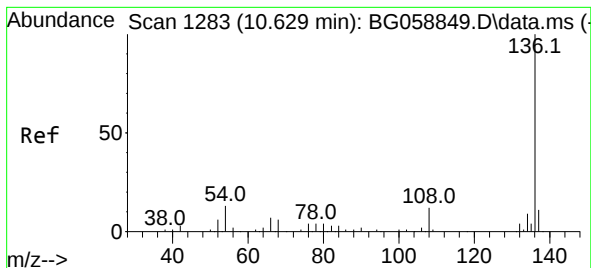
Tgt Ion: 99 Resp: 148935
Ion Ratio Lower Upper
99 100
42 23.4 16.5 24.7
71 38.9 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.803 ng
RT: 8.966 min Scan# 1000
Delta R.T. 0.329 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion: 70 Resp: 14962
Ion Ratio Lower Upper
70 100
42 54.4 59.2 88.8#
101 0.0 8.2 12.2#
130 2.6 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.605 min Scan# 11

Delta R.T. -0.024 min

Lab File: BG058878.D

Acq: 28 Aug 2023 18:06

Instrument :

BNA_G

ClientSampleId :

WC-4

Tgt Ion:136 Resp: 64731

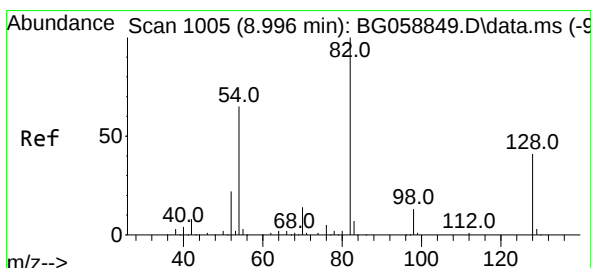
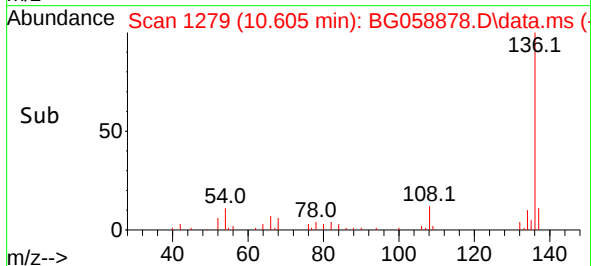
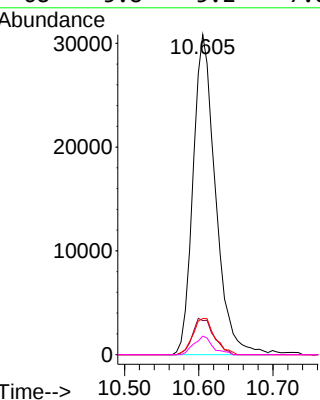
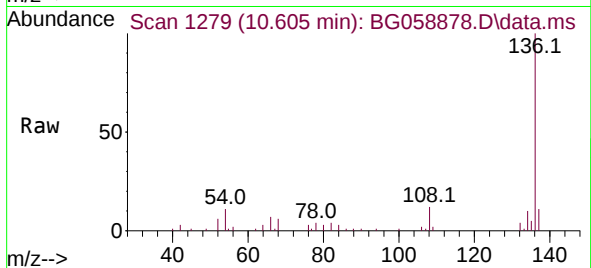
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 11.3 10.1 15.1

68 5.8 5.2 7.8



#23

Nitrobenzene-d5

Concen: 81.255 ng

RT: 8.966 min Scan# 1000

Delta R.T. -0.030 min

Lab File: BG058878.D

Acq: 28 Aug 2023 18:06

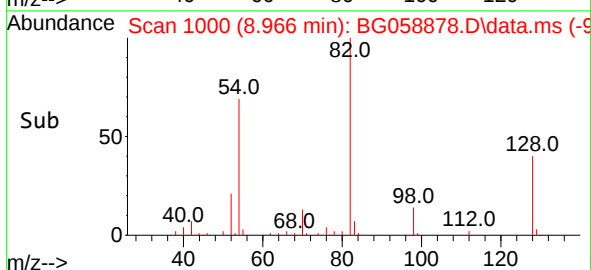
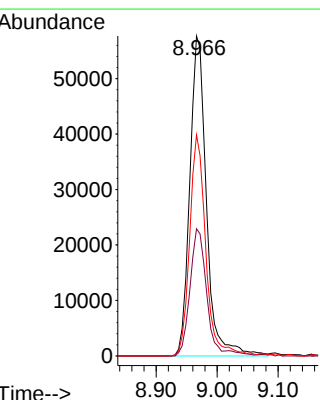
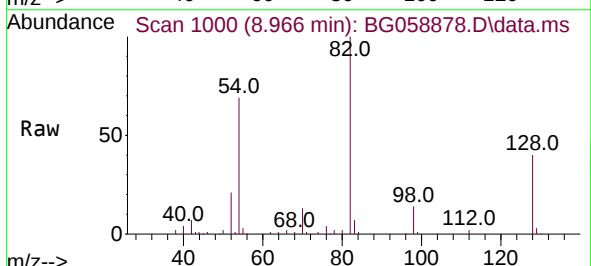
Tgt Ion: 82 Resp: 109401

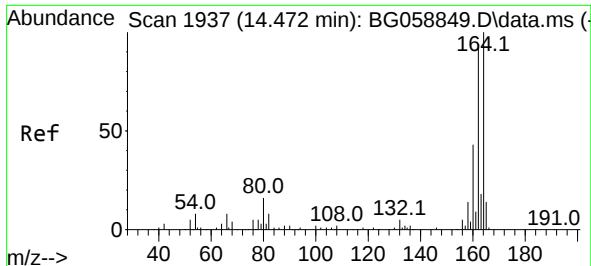
Ion Ratio Lower Upper

82 100

128 39.7 33.2 49.8

54 69.1 51.2 76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.454 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG058878.D

Acq: 28 Aug 2023 18:06

Instrument :

BNA_G

ClientSampleId :

WC-4

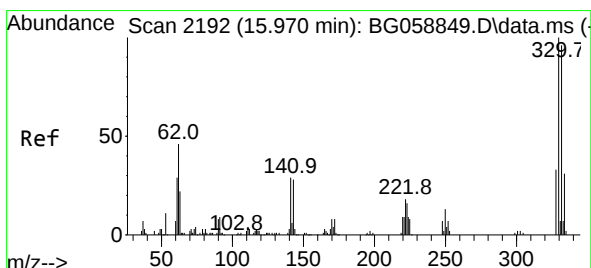
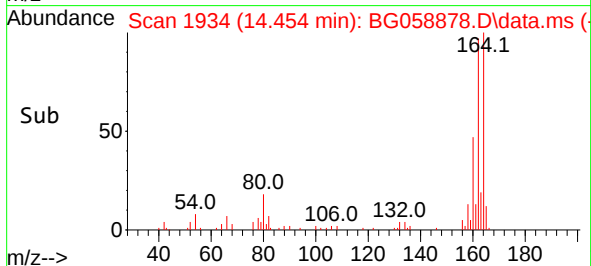
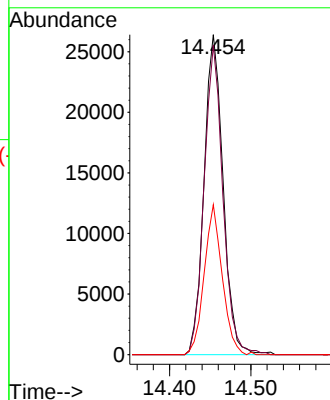
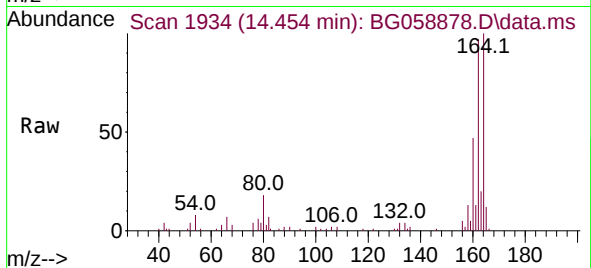
Tgt Ion:164 Resp: 43182

Ion Ratio Lower Upper

164 100

162 96.7 79.6 119.4

160 46.8 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 131.992 ng

RT: 15.946 min Scan# 2188

Delta R.T. -0.024 min

Lab File: BG058878.D

Acq: 28 Aug 2023 18:06

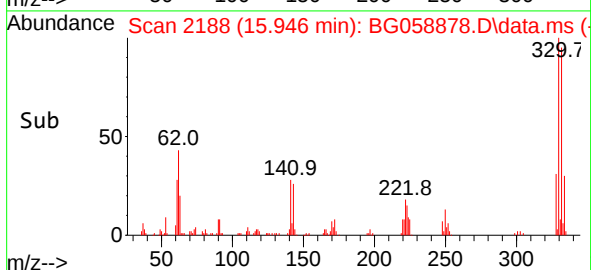
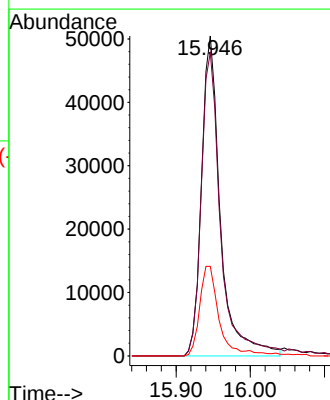
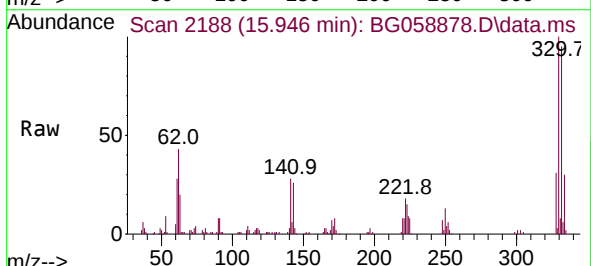
Tgt Ion:330 Resp: 89370

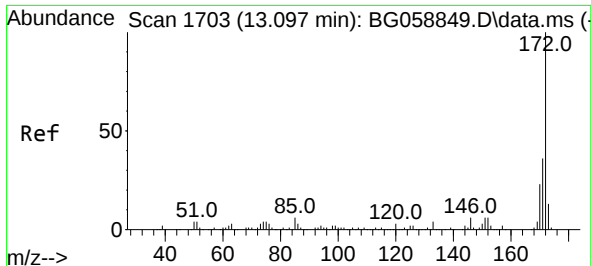
Ion Ratio Lower Upper

330 100

332 97.0 78.5 117.7

141 29.5 23.0 34.6

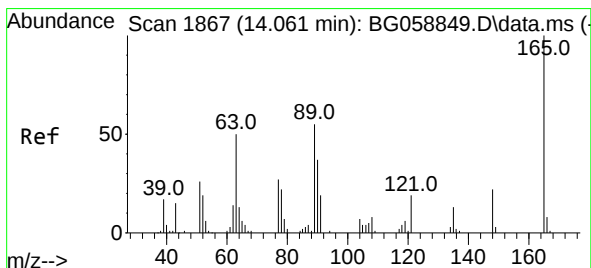
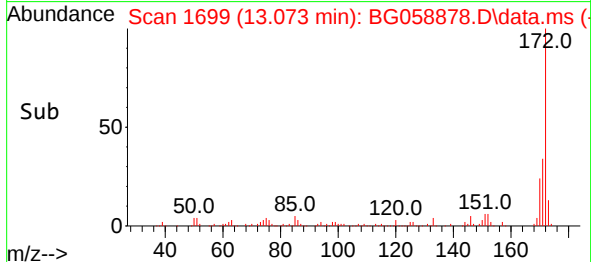
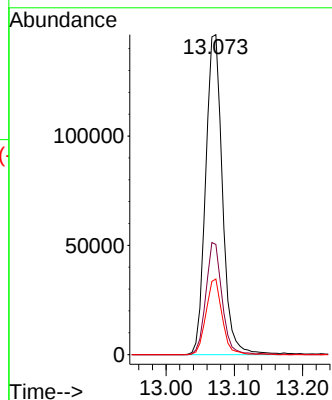
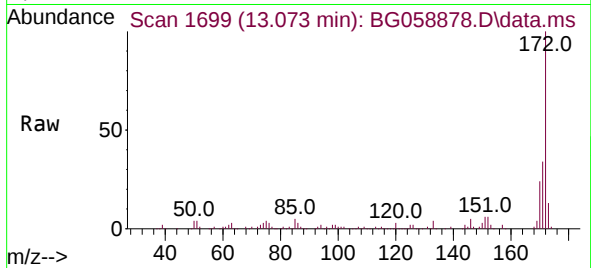




#45
2-Fluorobiphenyl
Concen: 84.529 ng
RT: 13.073 min Scan# 10
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

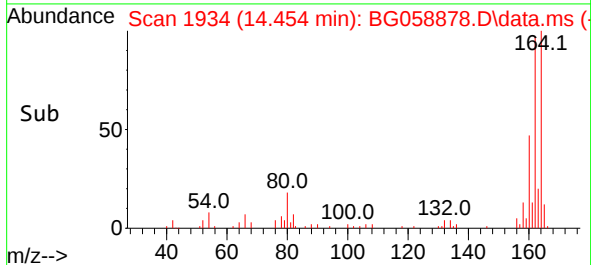
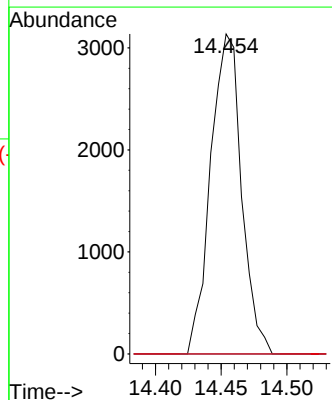
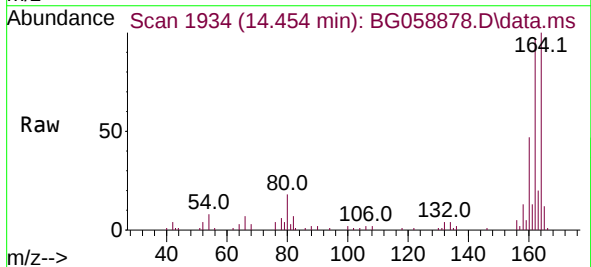
Instrument :
BNA_G
ClientSampleId :
WC-4

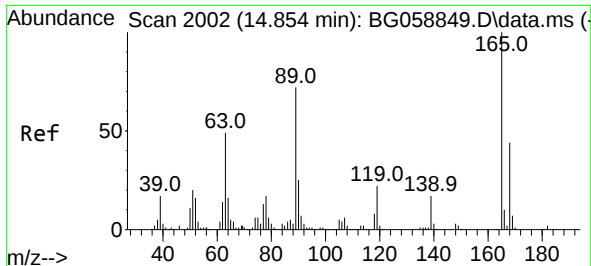
Tgt Ion:172 Resp: 250962
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.325 ng
RT: 14.454 min Scan# 1934
Delta R.T. 0.393 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion:165 Resp: 5145
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

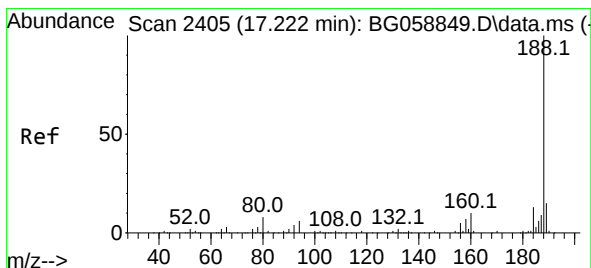
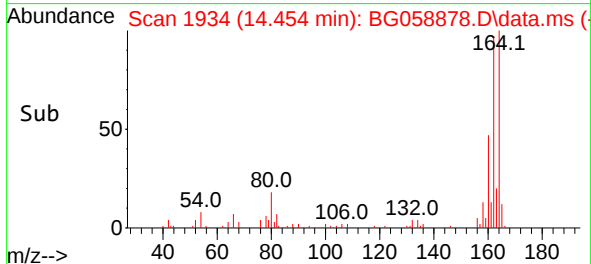
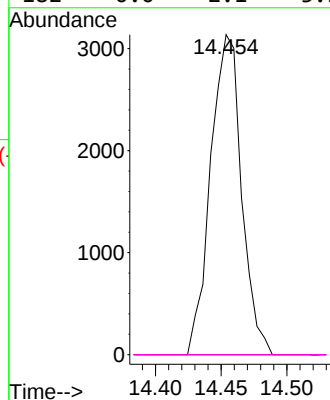
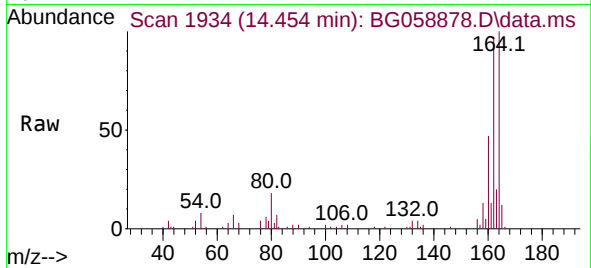




#57
2,4-Dinitrotoluene
Concen: 5.251 ng
RT: 14.454 min Scan# 1934
Delta R.T. -0.400 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

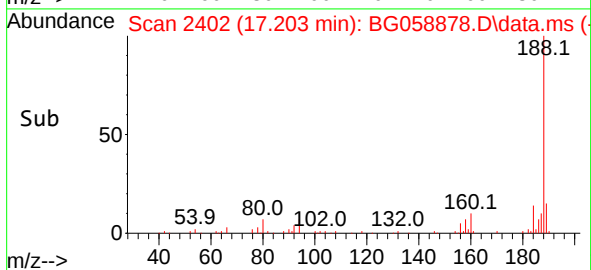
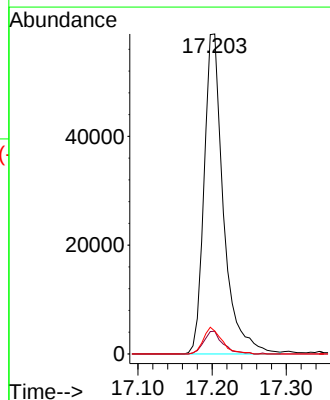
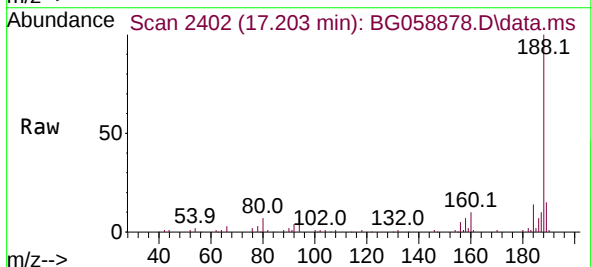
Instrument :
BNA_G
ClientSampleId :
WC-4

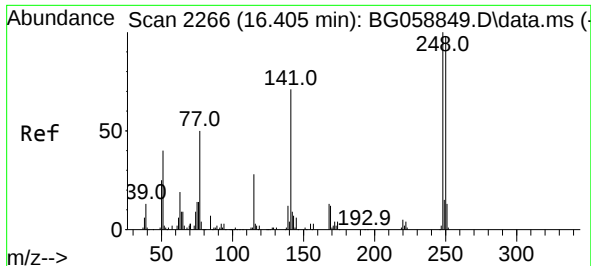
Tgt Ion:165 Resp: 5145
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.018 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion:188 Resp: 106687
Ion Ratio Lower Upper
188 100
94 7.1 6.1 9.1
80 7.1 6.9 10.3

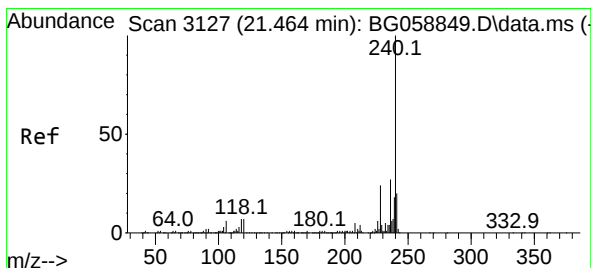
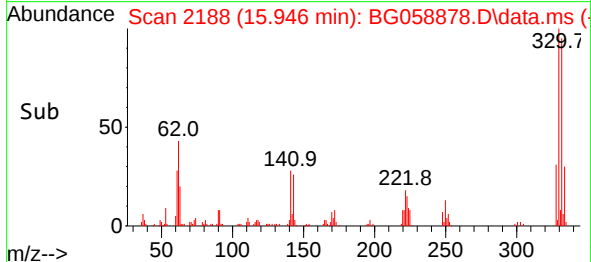
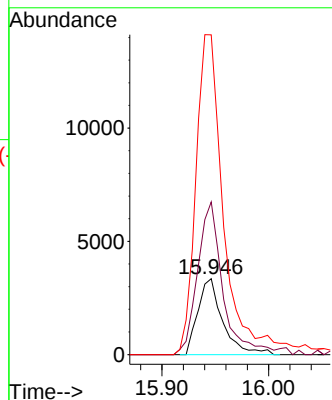
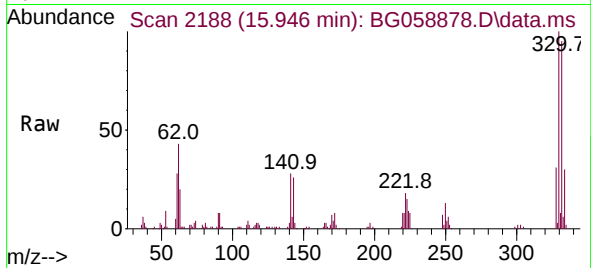




#67
4-Bromophenyl-phenylether
Concen: 4.618 ng
RT: 15.946 min Scan# 2118
Delta R.T. -0.459 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

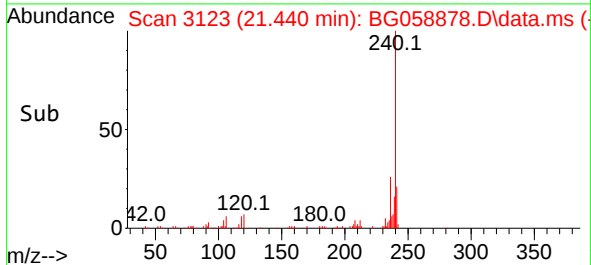
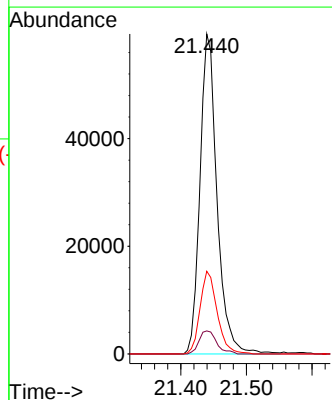
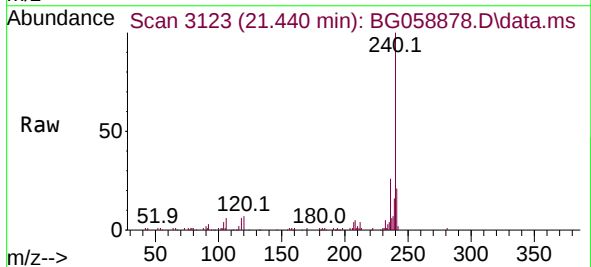
Instrument :
BNA_G
ClientSampleId :
WC-4

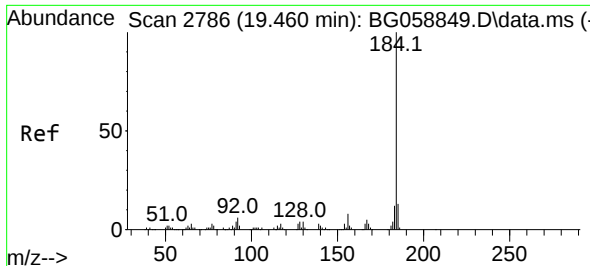
Tgt Ion:248 Resp: 5407
Ion Ratio Lower Upper
248 100
250 201.3 77.7 116.5#
141 421.2 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.440 min Scan# 3123
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion:240 Resp: 106846
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.2
236 25.8 20.5 30.7

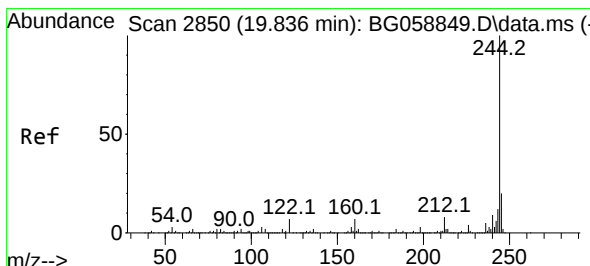
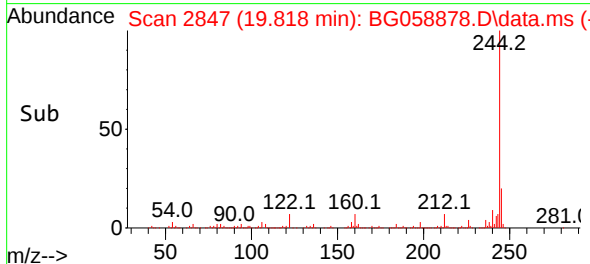
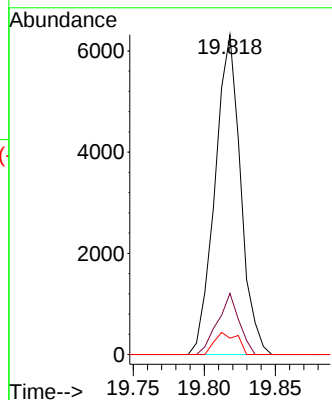
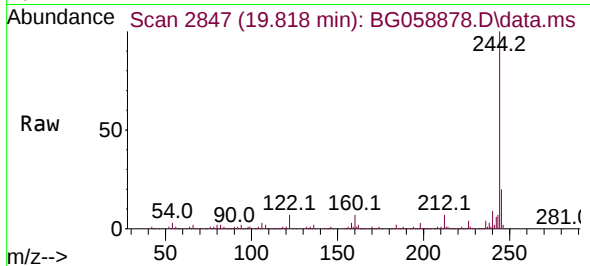




#77
Benzidine
Concen: 4.140 ng
RT: 19.818 min Scan# 2847
Delta R.T. 0.358 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

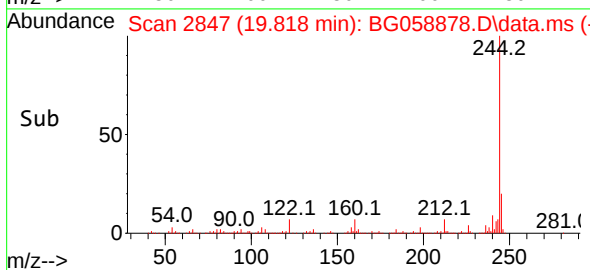
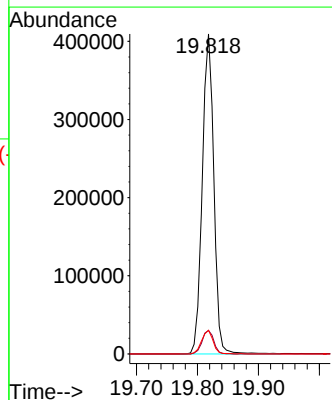
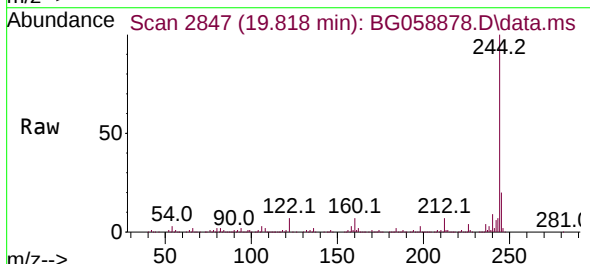
Instrument :
BNA_G
ClientSampleId :
WC-4

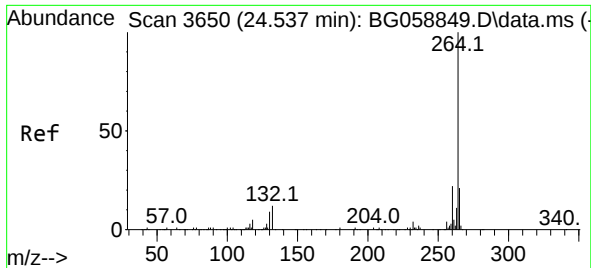
Tgt Ion:184 Resp: 7928
Ion Ratio Lower Upper
184 100
185 19.1 11.9 17.9#
183 5.1 10.0 15.0#



#79
Terphenyl-d14
Concen: 90.203 ng
RT: 19.818 min Scan# 2847
Delta R.T. -0.018 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

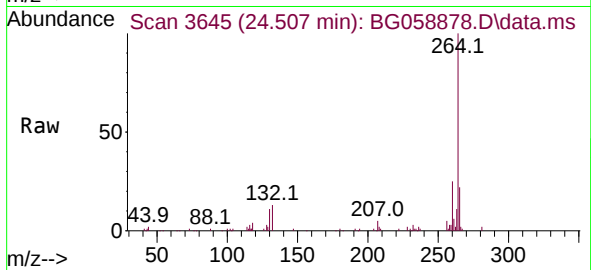
Tgt Ion:244 Resp: 536751
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 7.4 6.3 9.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.507 min Scan# 3645
Delta R.T. -0.030 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Instrument :
BNA_G
ClientSampleId :
WC-4



Tgt Ion:264 Resp: 122620

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.2
265	22.3	16.4	24.6

