

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058534.D
 Acq On : 29 Jul 2023 1:55
 Operator : MA/JU
 Sample : 03632-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Jul 29 02:59:25 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)

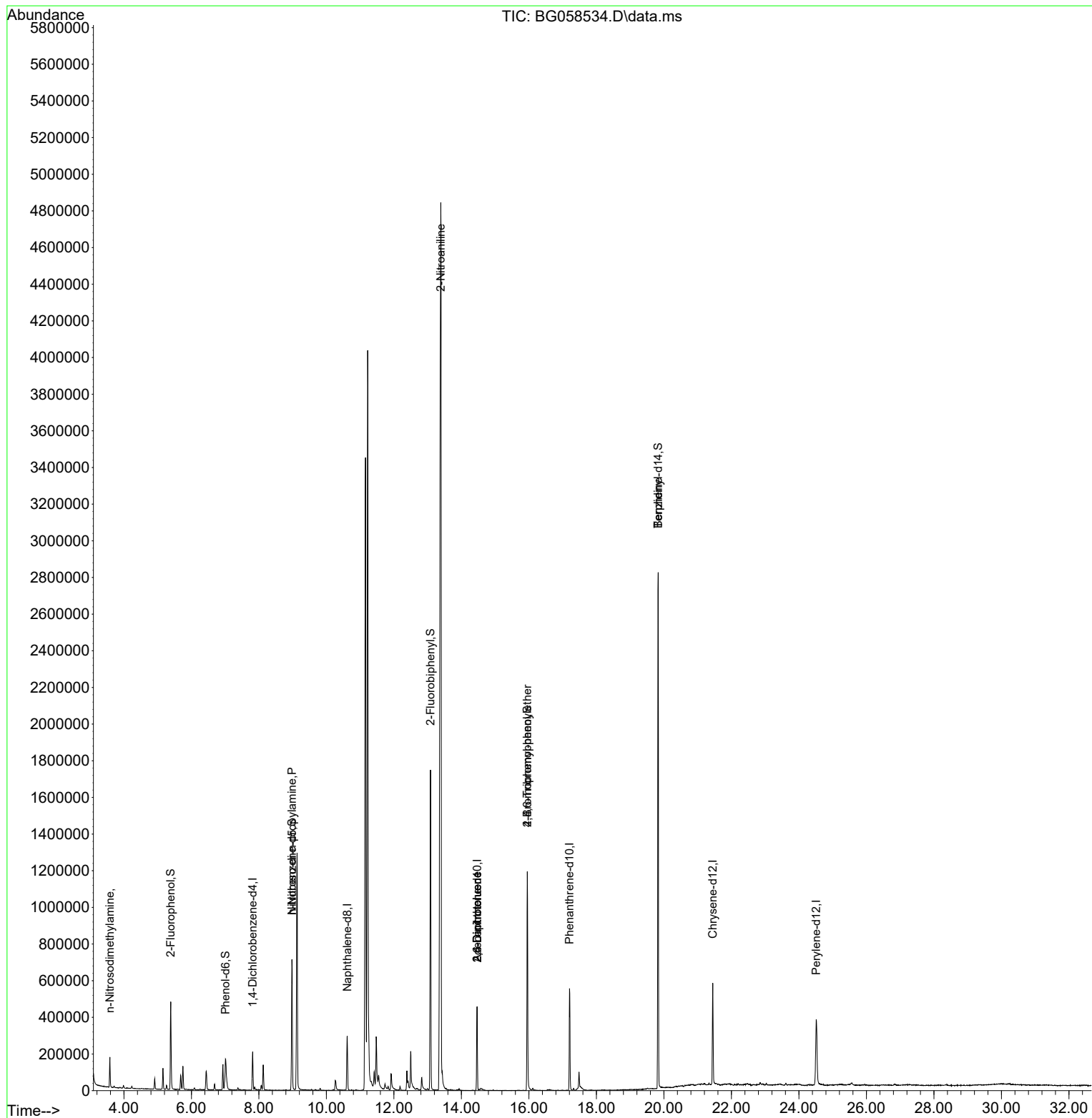
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	58968	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	251588	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	169602	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	371821	20.000	ng	0.00
76) Chrysene-d12	21.445	240	322249	20.000	ng	0.00
86) Perylene-d12	24.512	264	401005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	219830	56.980	ng	0.00
7) Phenol-d6	7.009	99	181124	33.739	ng	0.03
23) Nitrobenzene-d5	8.978	82	439697	85.856	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	274017	98.571	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	965917	85.348	ng	0.00
79) Terphenyl-d14	19.830	244	1556536	90.834	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.584	42	5338	2.472	ng	# 1
19) n-Nitroso-di-n-propyla...	8.978	70	56216	16.212	ng	# 77
48) 2-Nitroaniline	13.390	65	161407	46.564	ng	# 18
51) 2,6-Dinitrotoluene	14.465	165	21595	7.727	ng	# 24
57) 2,4-Dinitrotoluene	14.465	165	21595	5.573	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	16779	3.979	ng	# 1
77) Benzidine	19.830	184	19530	3.997	ng	# 96

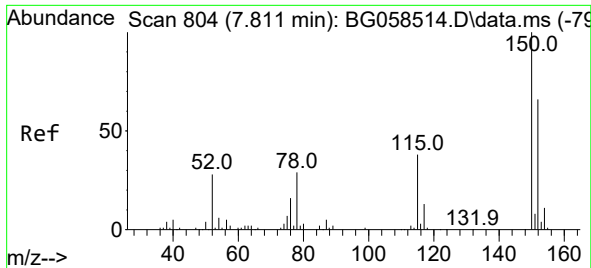
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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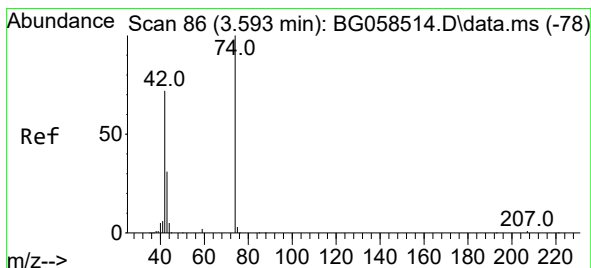
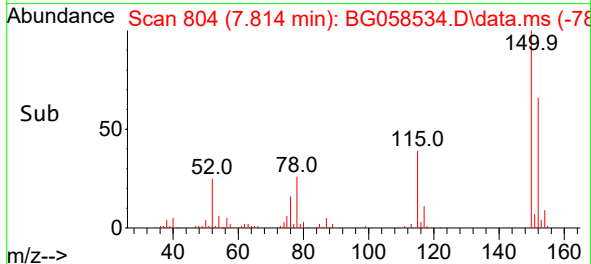
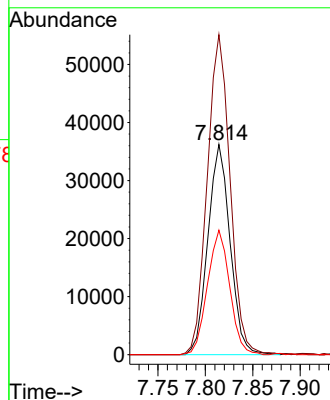
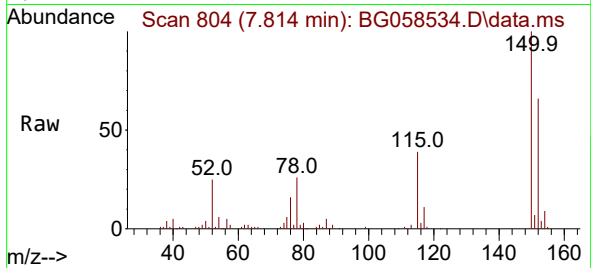




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

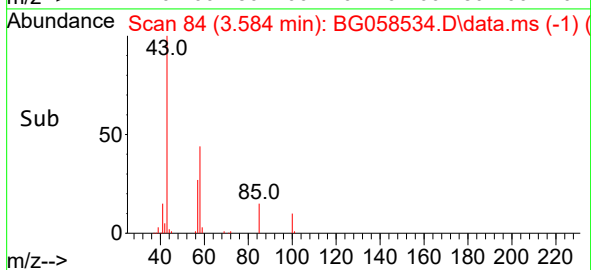
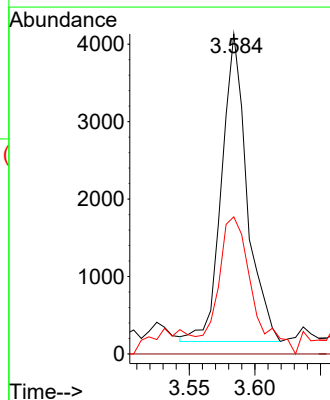
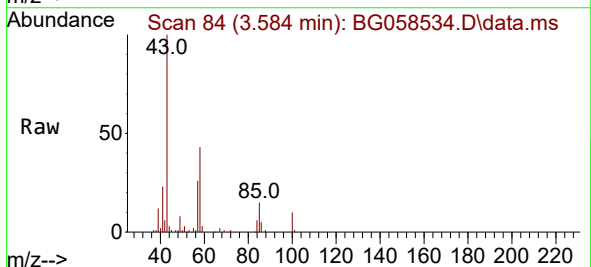
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

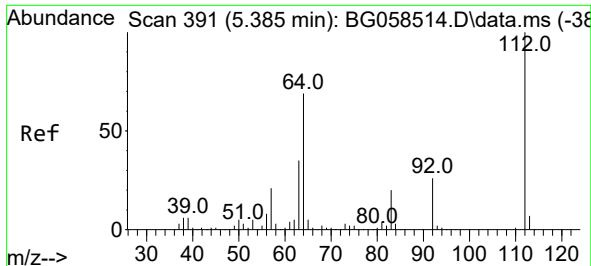
Tgt Ion:152 Resp: 58968
Ion Ratio Lower Upper
152 100
150 152.3 120.5 180.7
115 59.2 45.9 68.9



#4
n-Nitrosodimethylamine
Concen: 2.472 ng
RT: 3.584 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion: 42 Resp: 5338
Ion Ratio Lower Upper
42 100
74 0.0 111.5 167.3#
44 42.8 5.4 8.2#

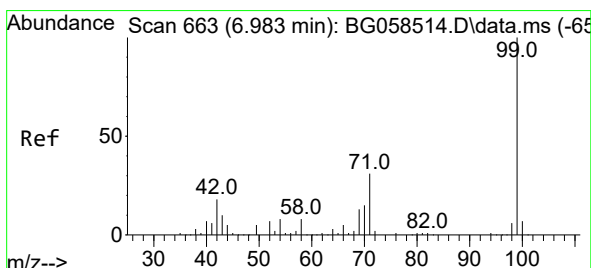
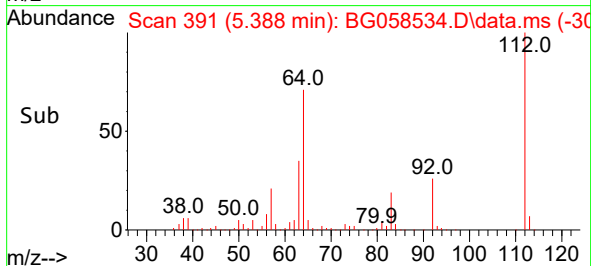
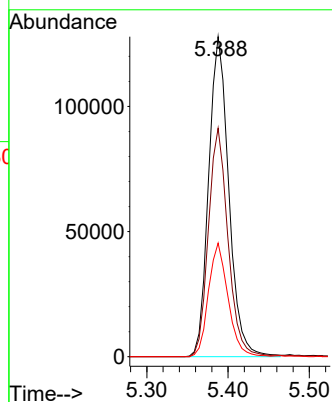
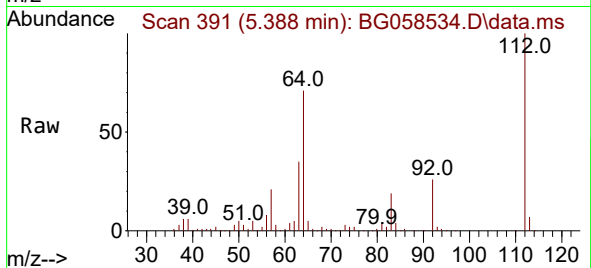




#5
2-Fluorophenol
Concen: 56.980 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

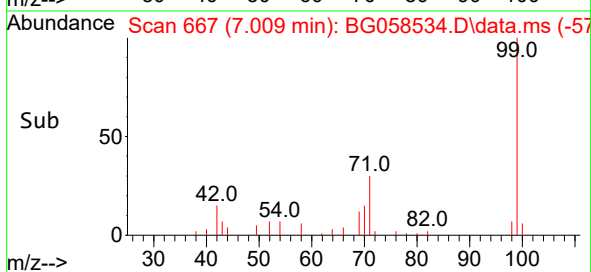
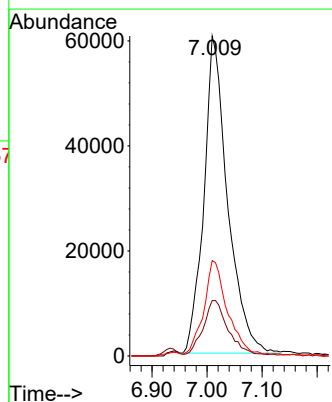
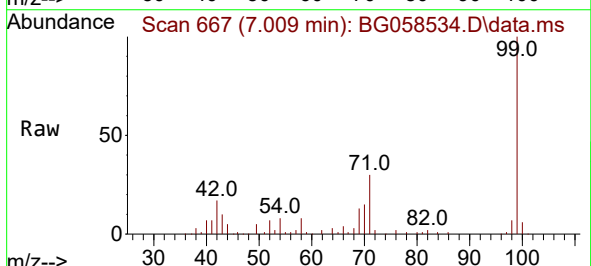
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

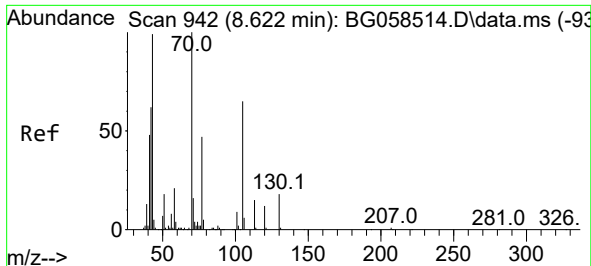
Tgt Ion:112 Resp: 219830
Ion Ratio Lower Upper
112 100
64 71.4 55.3 82.9
63 35.5 28.3 42.5



#7
Phenol-d6
Concen: 33.739 ng
RT: 7.009 min Scan# 667
Delta R.T. 0.027 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion: 99 Resp: 181124
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 29.8 25.0 37.4

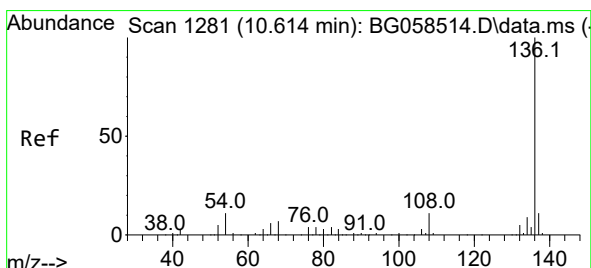
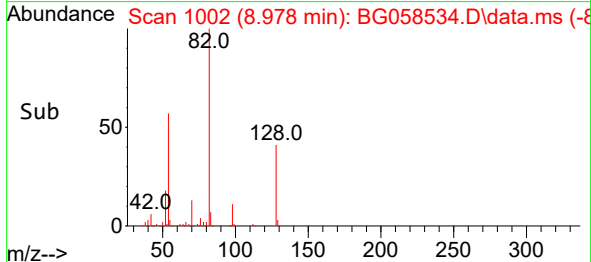
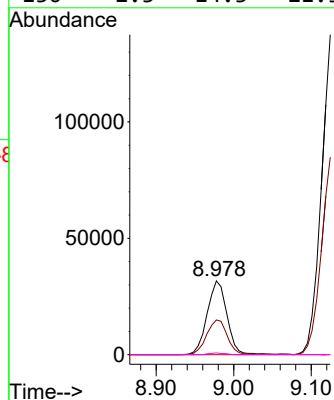
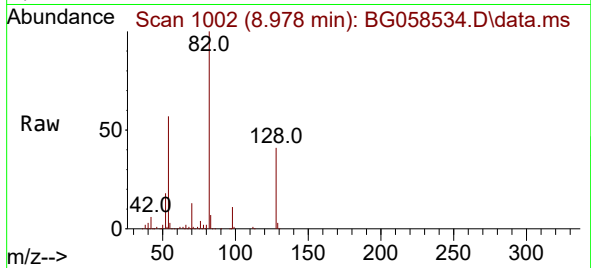




#19
n-Nitroso-di-n-propylamine
Concen: 16.212 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

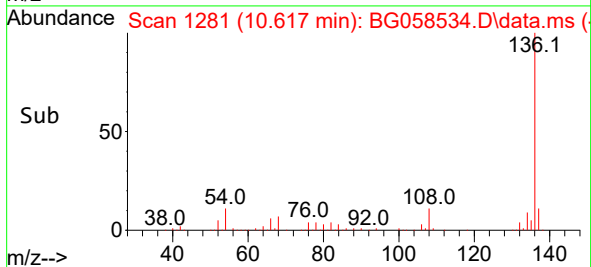
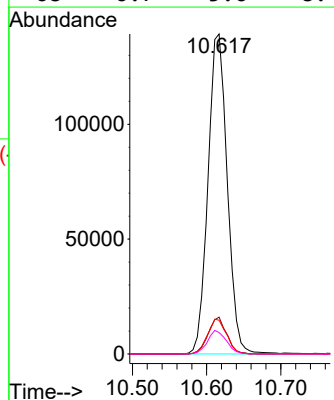
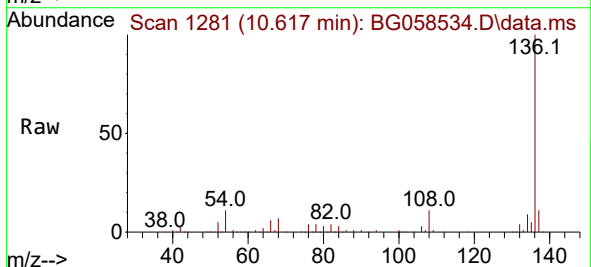
Instrument :
BNA_G
ClientSampleId :
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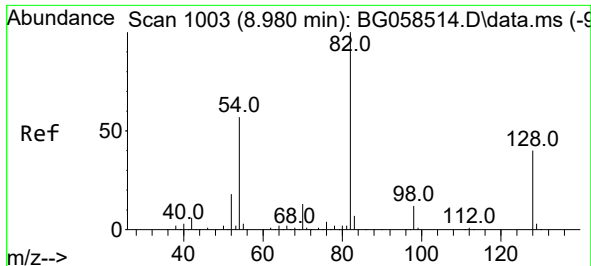
Tgt Ion: 70 Resp: 56216
Ion Ratio Lower Upper
70 100
42 47.1 49.7 74.5#
101 0.0 7.0 10.4#
130 2.3 14.3 21.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion: 136 Resp: 251588
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 10.6 8.9 13.3
68 6.7 5.6 8.4

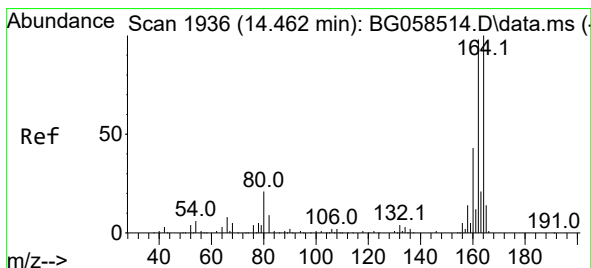
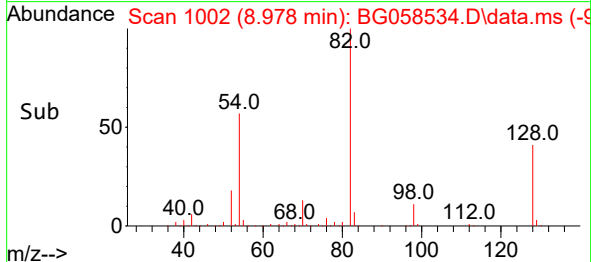
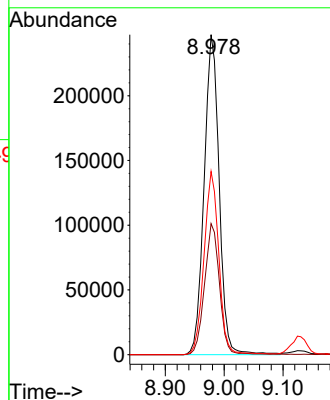
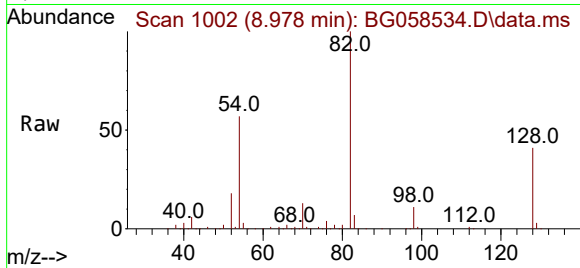




#23
Nitrobenzene-d5
Concen: 85.856 ng
RT: 8.978 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

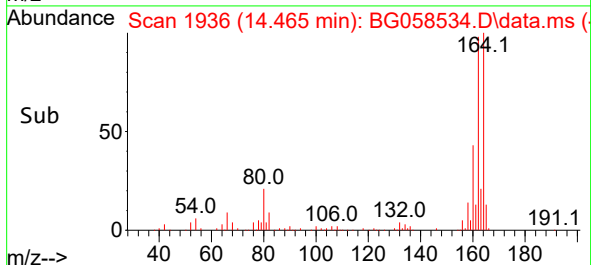
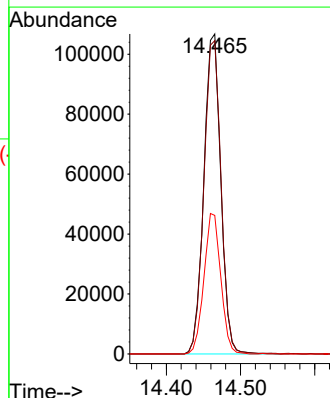
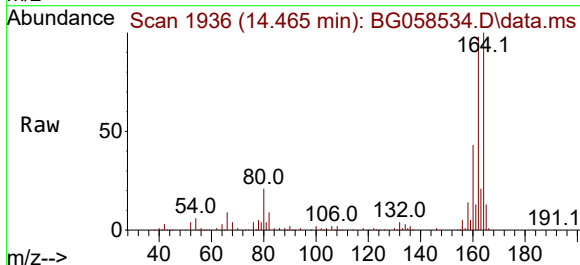
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ClientSampleId :
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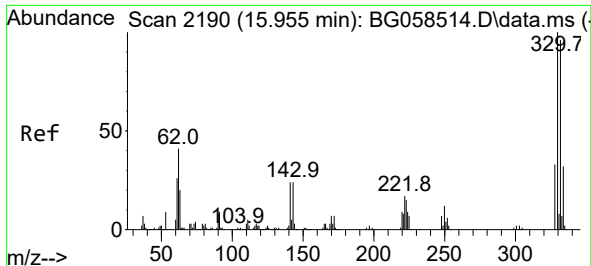
Tgt Ion: 82 Resp: 439697
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.2
54 57.3 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 1936
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:164 Resp: 169602
Ion Ratio Lower Upper
164 100
162 97.9 78.3 117.5
160 43.3 34.1 51.1

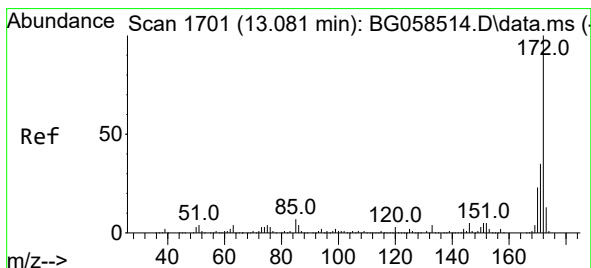
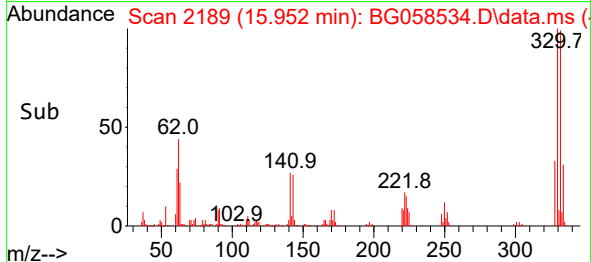
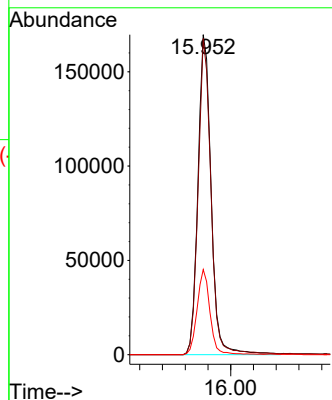
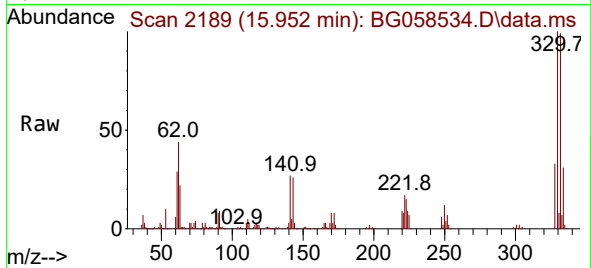




#42
2,4,6-Tribromophenol
Concen: 98.571 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

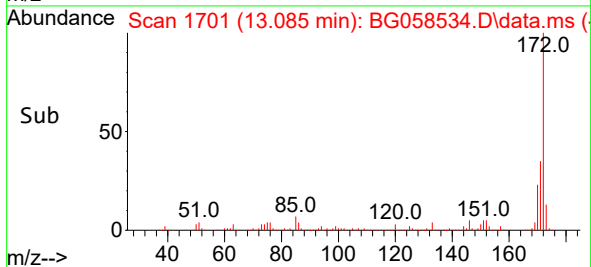
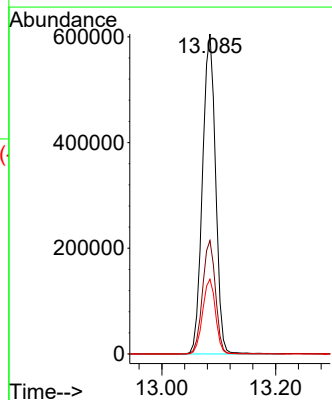
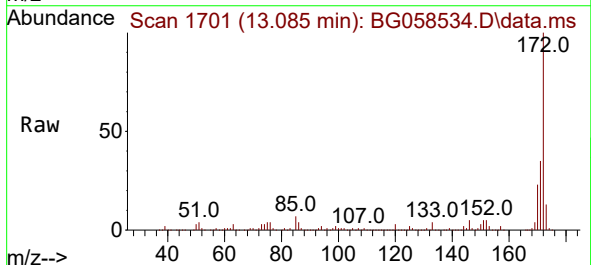
Instrument :
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ClientSampleId :
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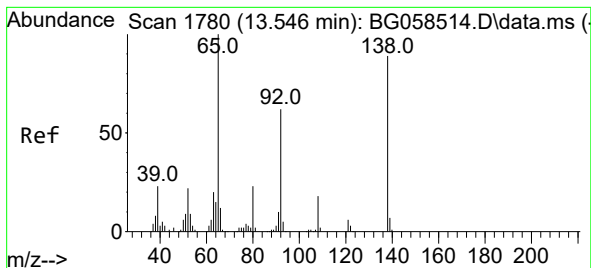
Tgt Ion:330 Resp: 274017
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 26.0 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 85.348 ng
RT: 13.085 min Scan# 1701
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:172 Resp: 965917
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.4 18.4 27.6





#48

2-Nitroaniline

Concen: 46.564 ng

RT: 13.390 min Scan# 1

Delta R.T. -0.156 min

Lab File: BG058534.D

Acq: 29 Jul 2023 1:55

Instrument :

BNA_G

ClientSampleId :

RINSATE-BLANK

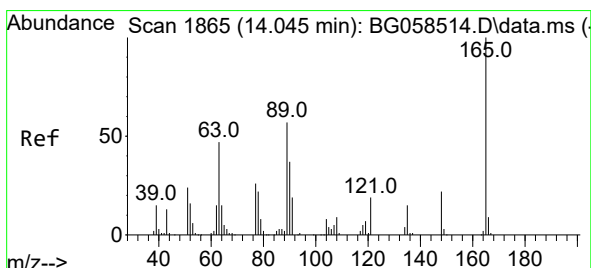
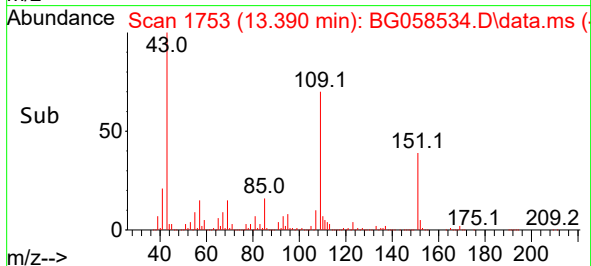
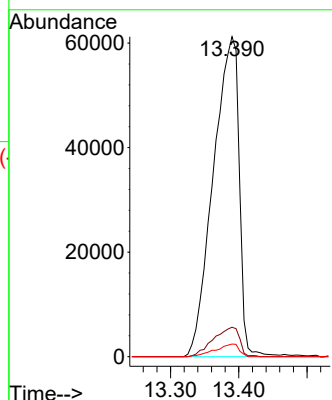
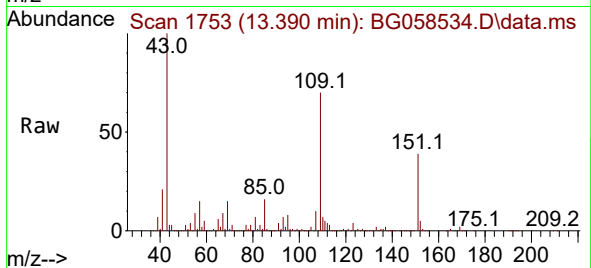
Tgt Ion: 65 Resp: 161407

Ion Ratio Lower Upper

65 100

92 9.2 49.2 73.8#

138 3.9 71.5 107.3#



#51

2,6-Dinitrotoluene

Concen: 7.727 ng

RT: 14.465 min Scan# 1936

Delta R.T. 0.420 min

Lab File: BG058534.D

Acq: 29 Jul 2023 1:55

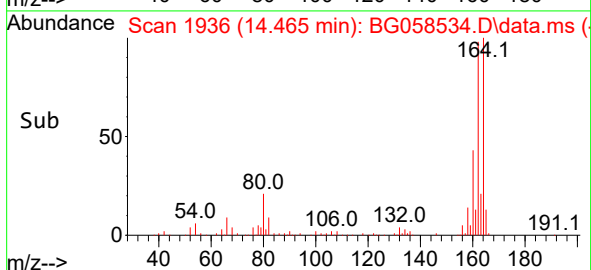
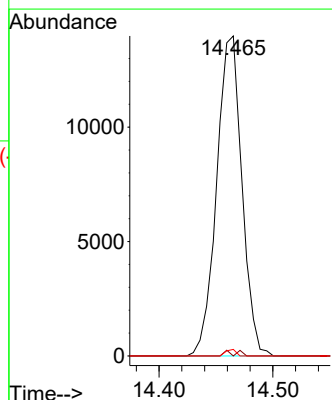
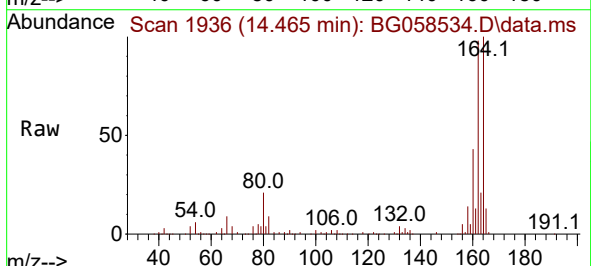
Tgt Ion:165 Resp: 21595

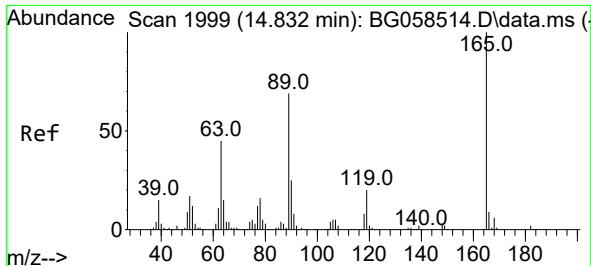
Ion Ratio Lower Upper

165 100

63 0.0 46.4 69.6#

89 2.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.573 ng

RT: 14.465 min Scan# 1999

Delta R.T. -0.367 min

Lab File: BG058534.D

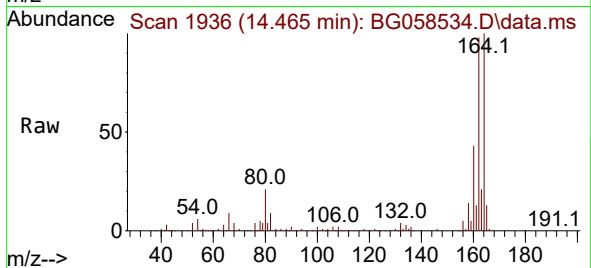
Acq: 29 Jul 2023 1:55

Instrument :

BNA_G

ClientSampleId :

RINSATE-BLANK



Tgt Ion:165 Resp: 21595

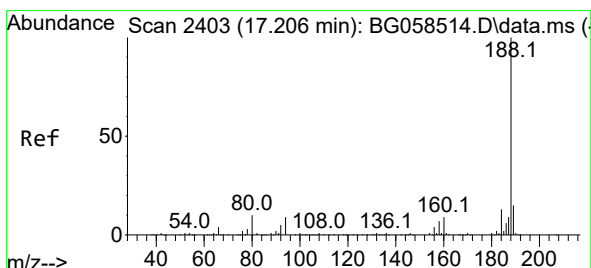
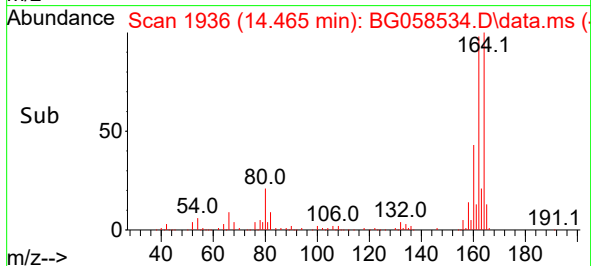
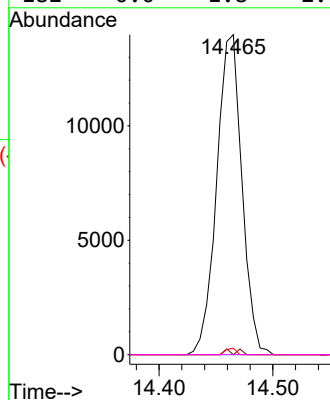
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 2.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.203 min Scan# 2402

Delta R.T. -0.003 min

Lab File: BG058534.D

Acq: 29 Jul 2023 1:55

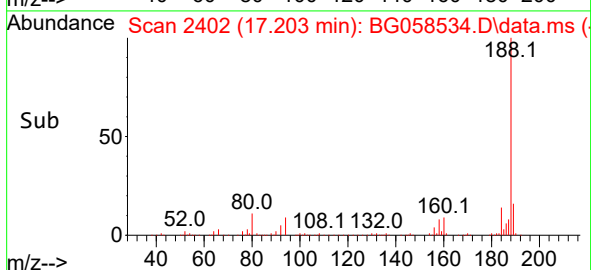
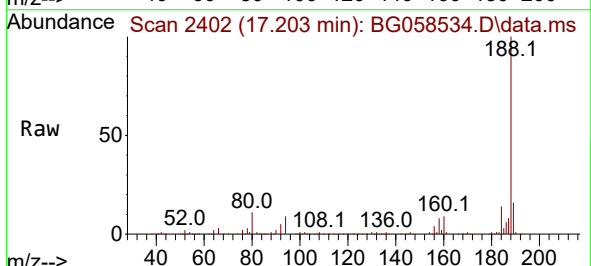
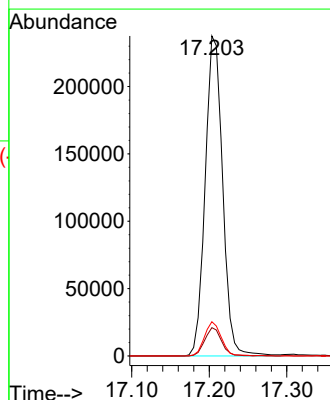
Tgt Ion:188 Resp: 371821

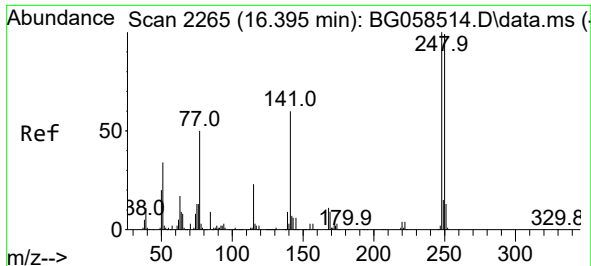
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 10.7 8.1 12.1

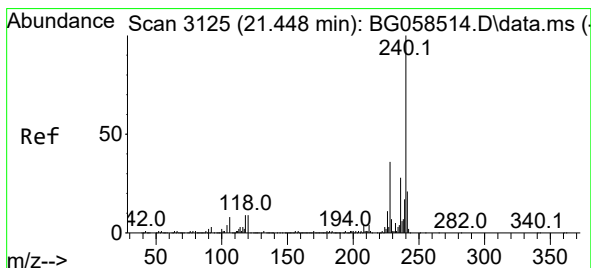
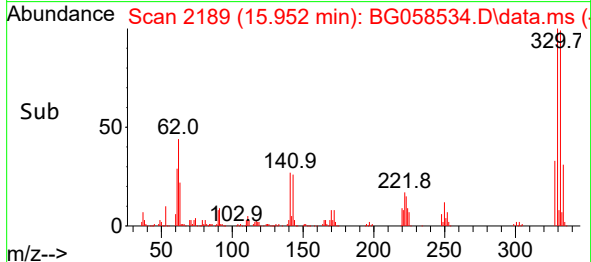
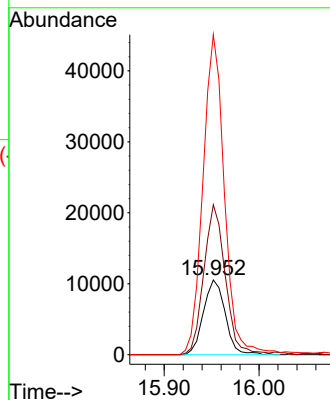
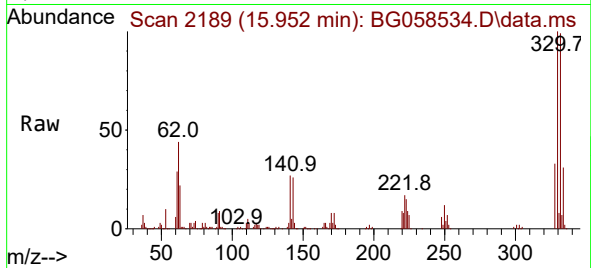




#67
4-Bromophenyl-phenylether
Concen: 3.979 ng
RT: 15.952 min Scan# 2119
Delta R.T. -0.443 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

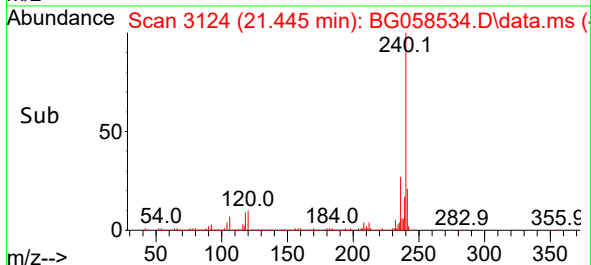
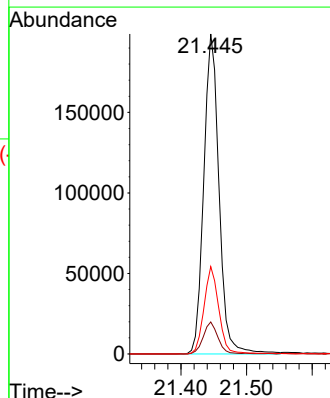
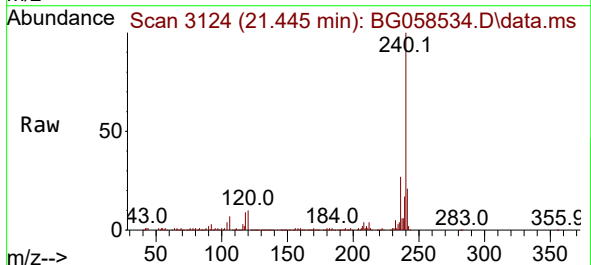
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

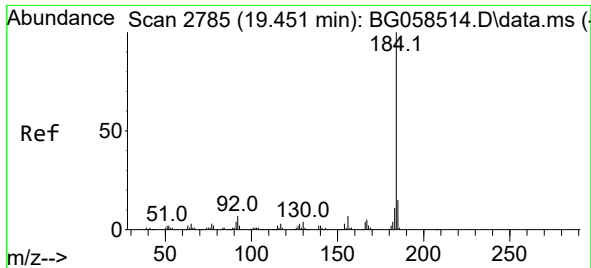
Tgt Ion:248 Resp: 16779
Ion Ratio Lower Upper
248 100
250 200.5 79.5 119.3#
141 427.8 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:240 Resp: 322249
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 27.3 22.2 33.4

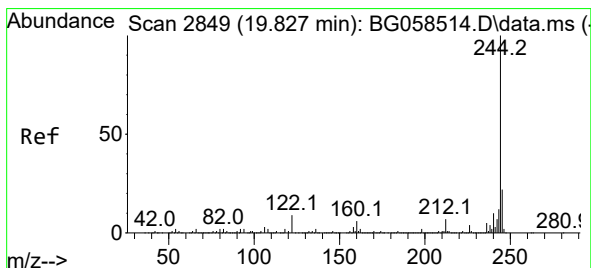
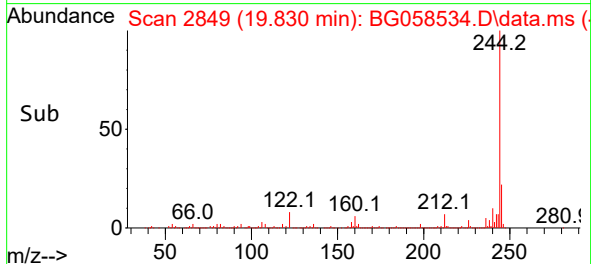
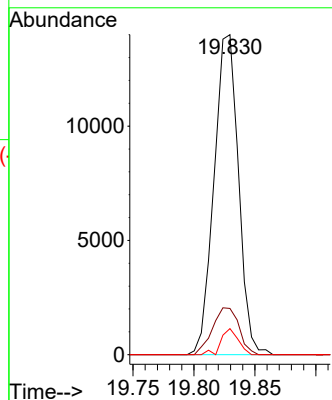
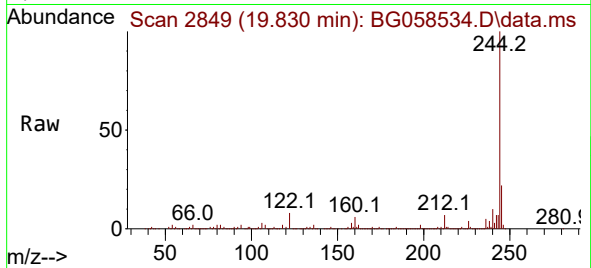




#77
Benzidine
Concen: 3.997 ng
RT: 19.830 min Scan# 2849
Delta R.T. 0.379 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

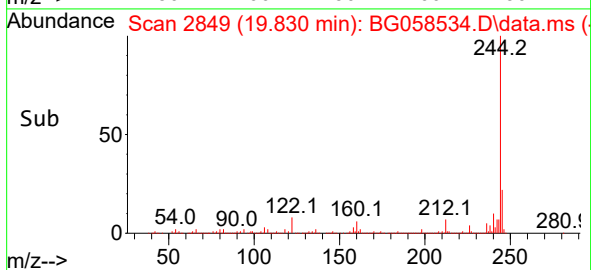
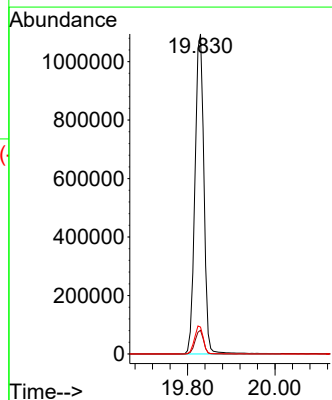
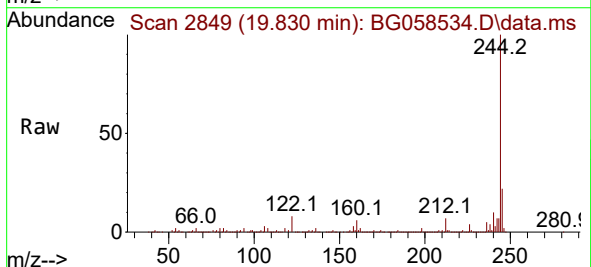
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

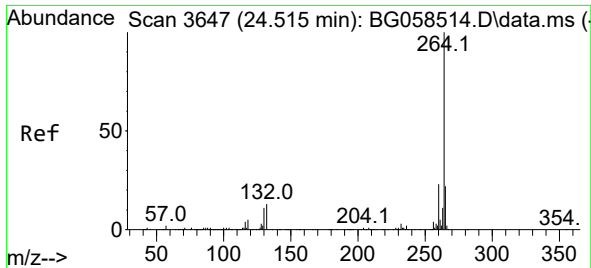
Tgt Ion:184 Resp: 19530
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 8.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 90.834 ng
RT: 19.830 min Scan# 2849
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

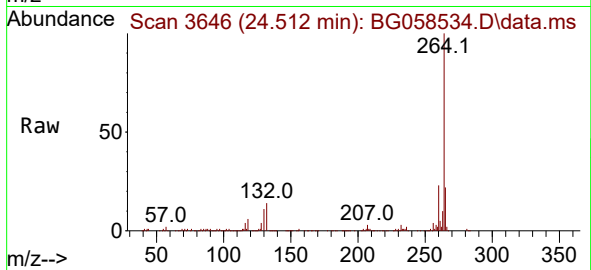
Tgt Ion:244 Resp: 1556536
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.4 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.512 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG058534.D
 Acq: 29 Jul 2023 1:55

Instrument :
 BNA_G
 ClientSampleId :
 RINSATE-BLANK



Tgt Ion:264 Resp: 401005
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.1 17.9 26.9

