

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058630.D
 Acq On : 7 Aug 2023 16:59
 Operator : MA/JU
 Sample : 03862-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK-1

Quant Time: Aug 08 01:30:48 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)

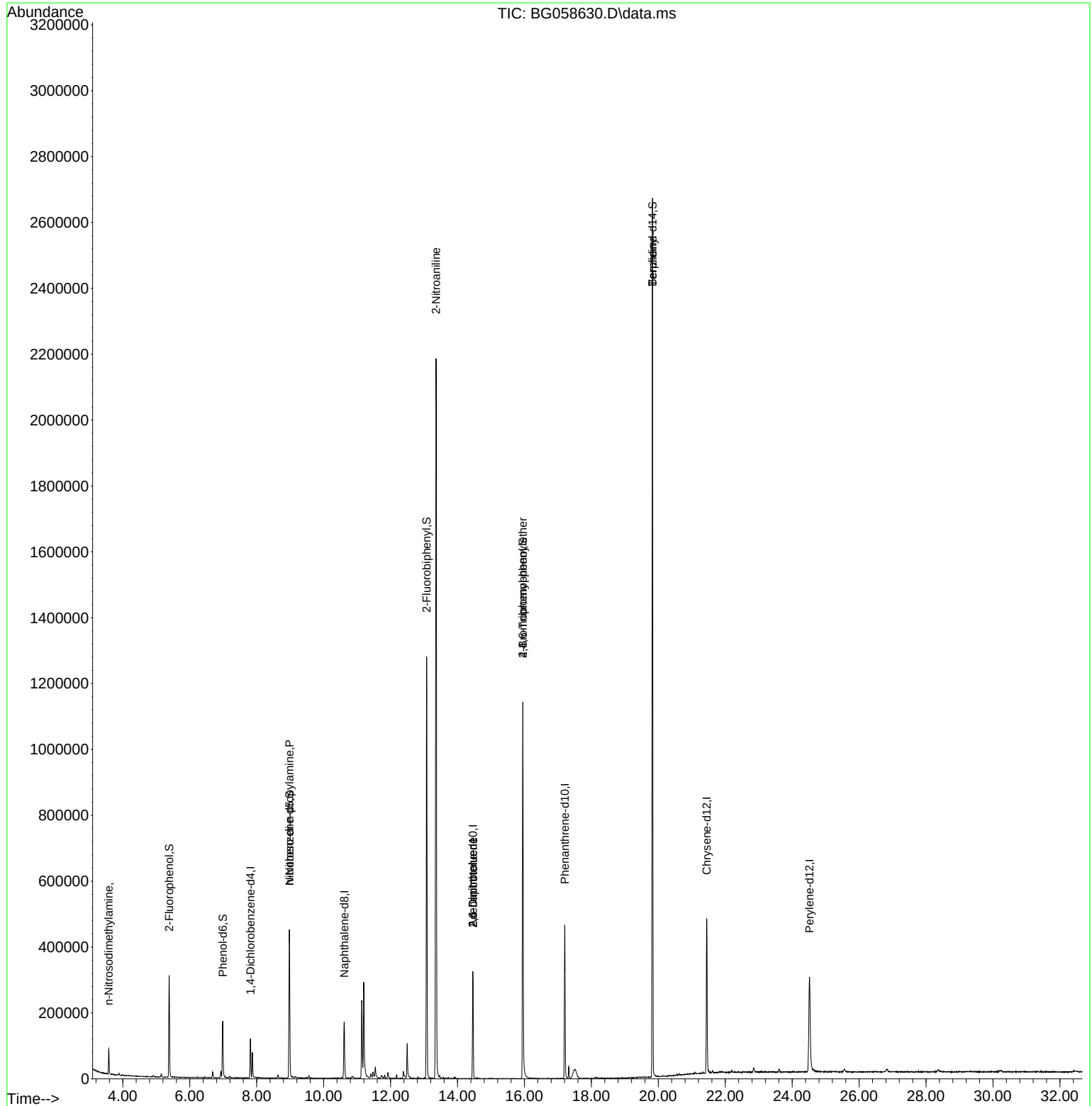
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	33816	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	150589	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	121490	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	319744	20.000	ng	0.00
76) Chrysene-d12	21.445	240	295145	20.000	ng	0.00
86) Perylene-d12	24.518	264	353420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	135096	61.062	ng	0.00
7) Phenol-d6	6.986	99	112277	36.471	ng	0.00
23) Nitrobenzene-d5	8.977	82	285477	93.129	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	270408	135.794	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	713592	88.022	ng	0.00
79) Terphenyl-d14	19.829	244	1457259	92.850	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.578	42	3854	3.112	ng	# 1
19) n-Nitroso-di-n-propyla...	8.977	70	35772	17.989	ng	# 79
48) 2-Nitroaniline	13.360	65	45667	18.392	ng	# 18
51) 2,6-Dinitrotoluene	14.459	165	15303	7.644	ng	# 22
57) 2,4-Dinitrotoluene	14.459	165	15303	5.514	ng	# 23
67) 4-Bromophenyl-phenylether	15.952	248	16495	4.548	ng	# 1
77) Benzidine	19.829	184	18880	4.218	ng	# 92

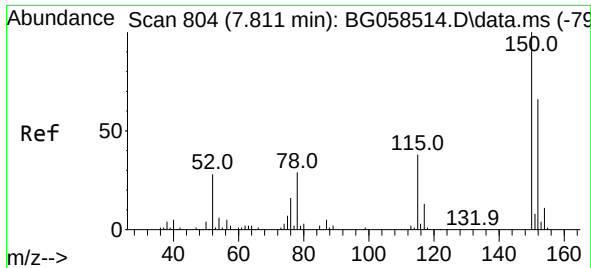
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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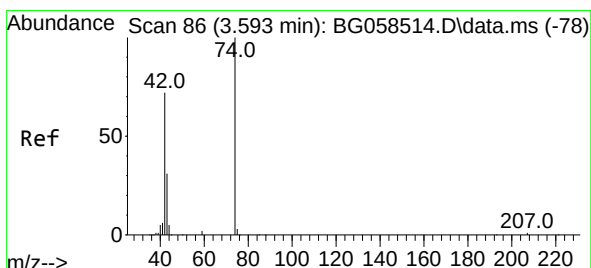
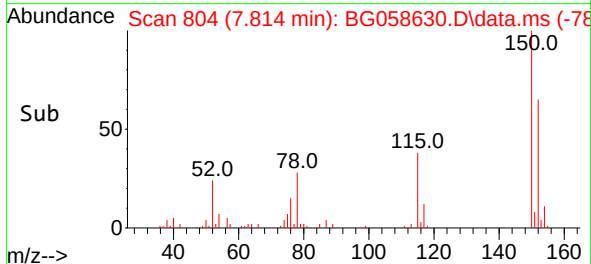
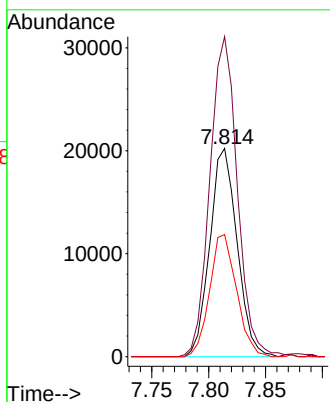
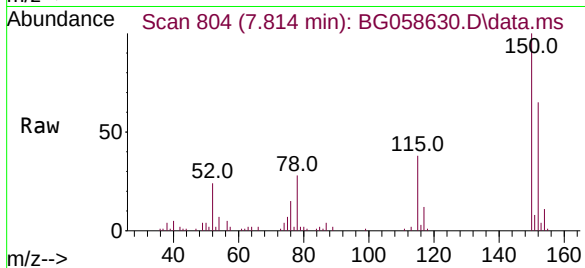




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

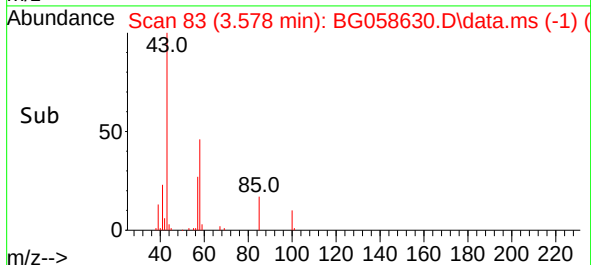
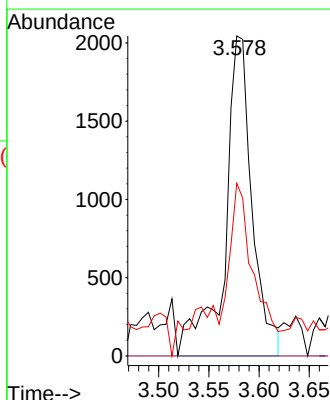
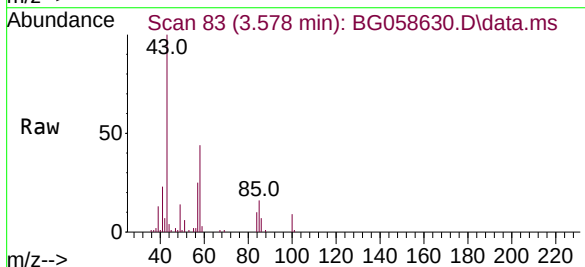
Instrument :
BNA_G
ClientSampleId :
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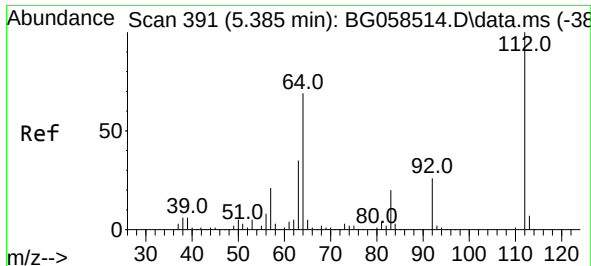
Tgt Ion:152 Resp: 33816
Ion Ratio Lower Upper
152 100
150 153.6 120.5 180.7
115 58.6 45.9 68.9



#4
n-Nitrosodimethylamine
Concen: 3.112 ng
RT: 3.578 min Scan# 83
Delta R.T. -0.015 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

Tgt Ion: 42 Resp: 3854
Ion Ratio Lower Upper
42 100
74 0.0 111.5 167.3#
44 53.9 5.4 8.2#

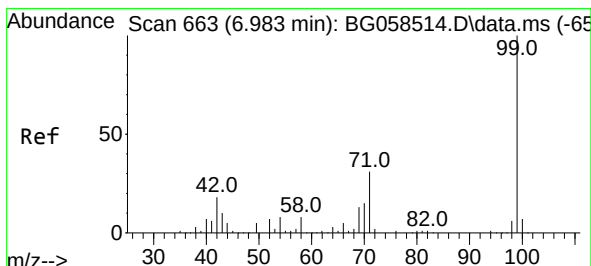
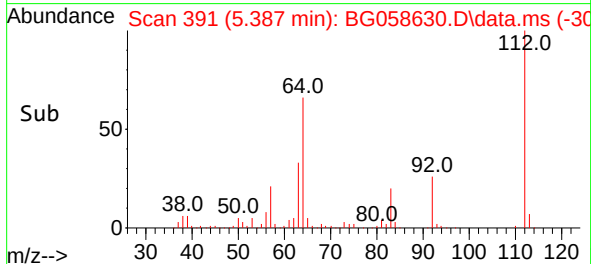
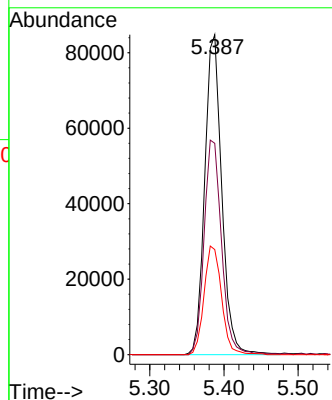
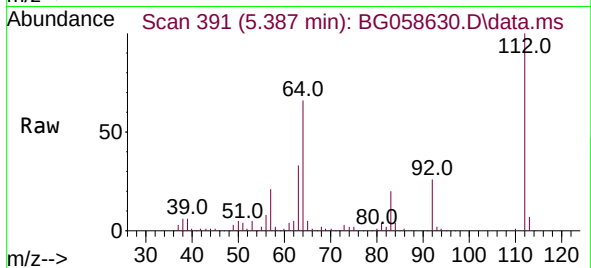




#5
2-Fluorophenol
Concen: 61.062 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

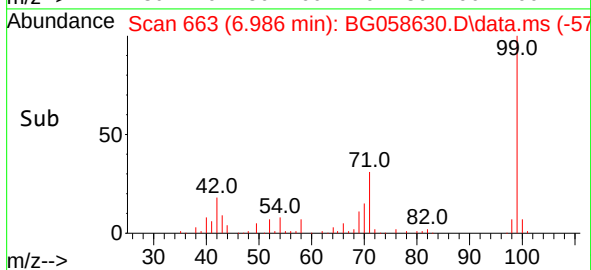
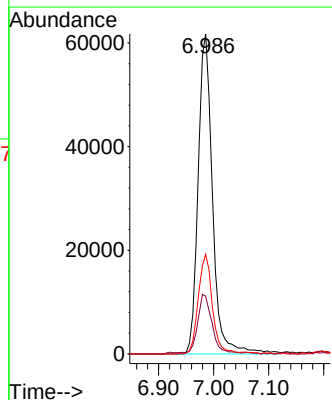
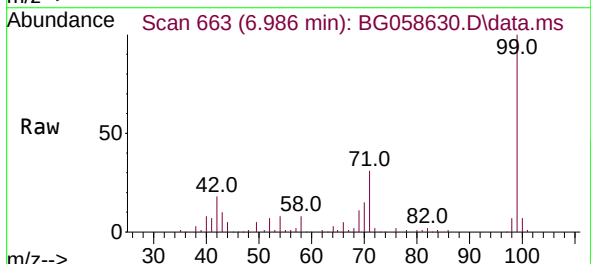
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK-1

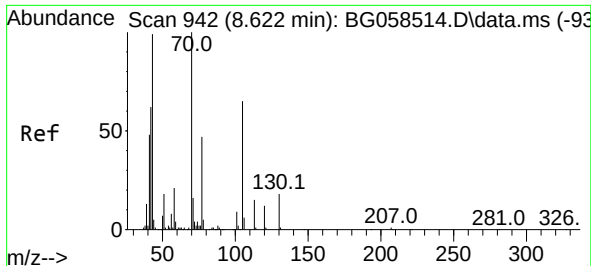
Tgt Ion:112 Resp: 135096
Ion Ratio Lower Upper
112 100
64 66.1 55.3 82.9
63 32.8 28.3 42.5



#7
Phenol-d6
Concen: 36.471 ng
RT: 6.986 min Scan# 663
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

Tgt Ion: 99 Resp: 112277
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 31.1 25.0 37.4

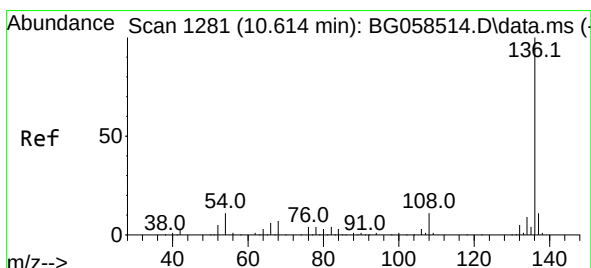
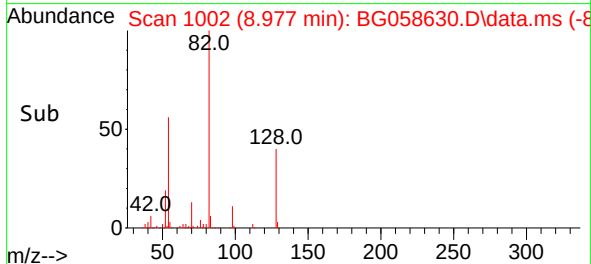
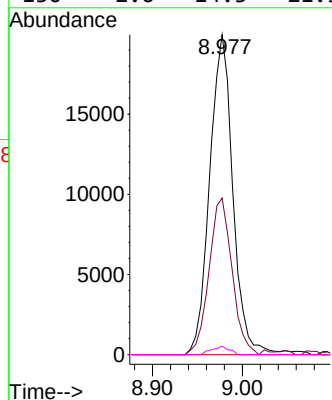
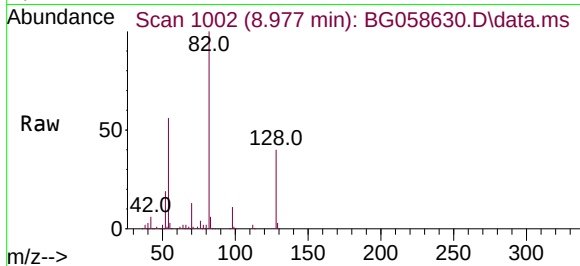




#19
n-Nitroso-di-n-propylamine
Concen: 17.989 ng
RT: 8.977 min Scan# 10
Delta R.T. 0.355 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

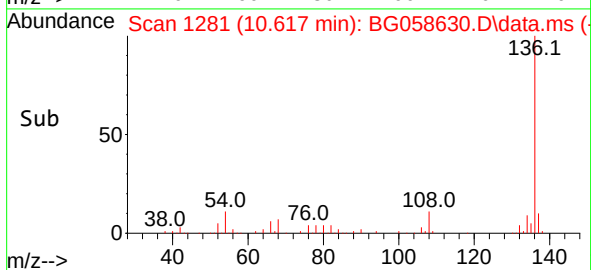
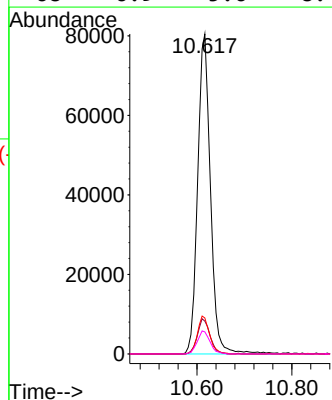
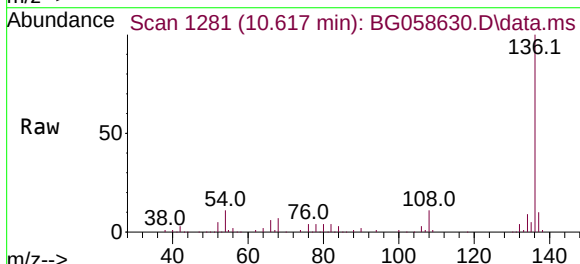
Instrument :
BNA_G
ClientSampleId :
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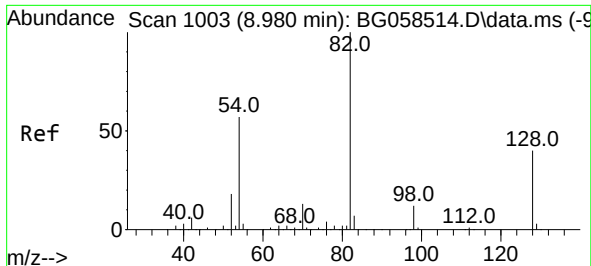
Tgt Ion: 70 Resp: 35772
Ion Ratio Lower Upper
70 100
42 48.9 49.7 74.5#
101 0.0 7.0 10.4#
130 2.6 14.3 21.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

Tgt Ion:136 Resp: 150589
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 11.2 8.9 13.3
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 93.129 ng

RT: 8.977 min Scan# 10

Delta R.T. -0.003 min

Lab File: BG058630.D

Acq: 7 Aug 2023 16:59

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK-1

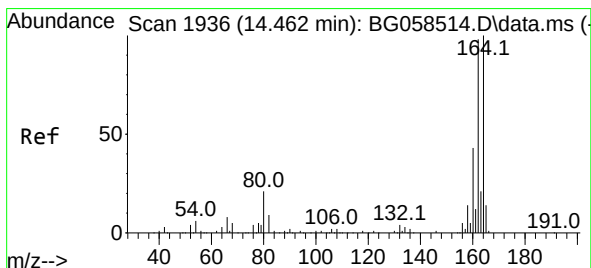
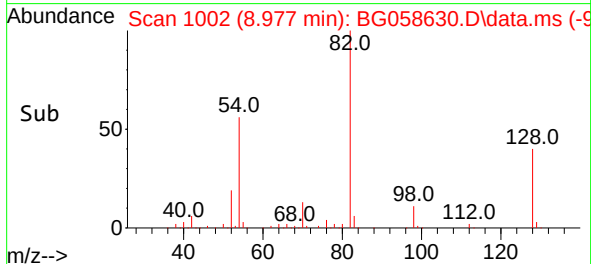
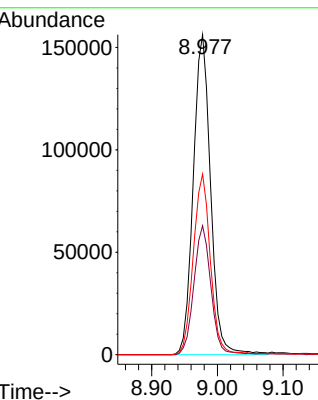
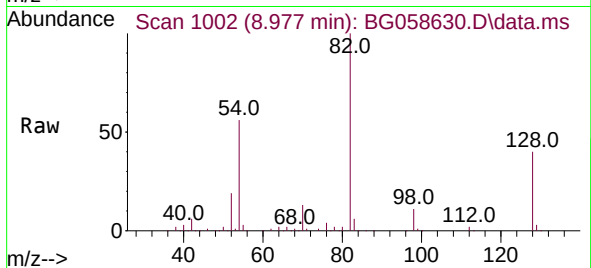
Tgt Ion: 82 Resp: 285477

Ion Ratio Lower Upper

82 100

128 40.3 32.2 48.2

54 56.4 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.459 min Scan# 1935

Delta R.T. -0.003 min

Lab File: BG058630.D

Acq: 7 Aug 2023 16:59

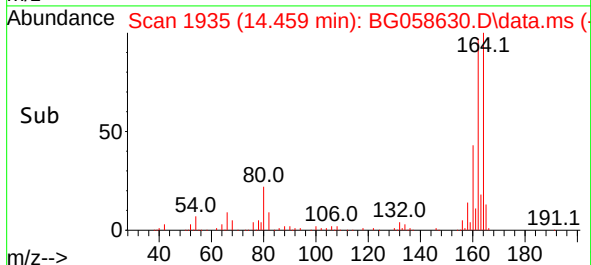
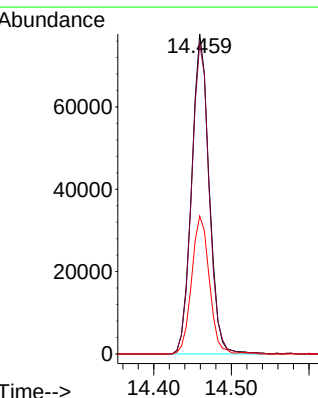
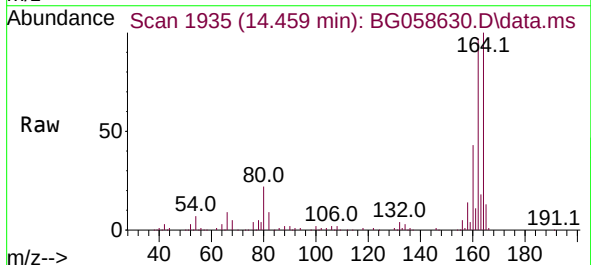
Tgt Ion:164 Resp: 121490

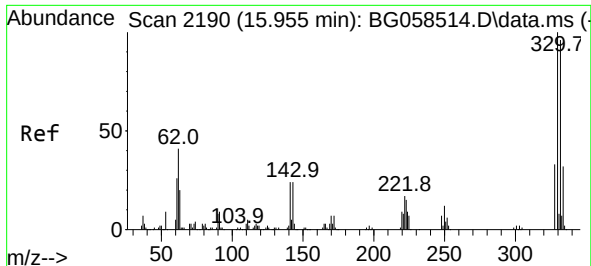
Ion Ratio Lower Upper

164 100

162 97.0 78.3 117.5

160 43.1 34.1 51.1

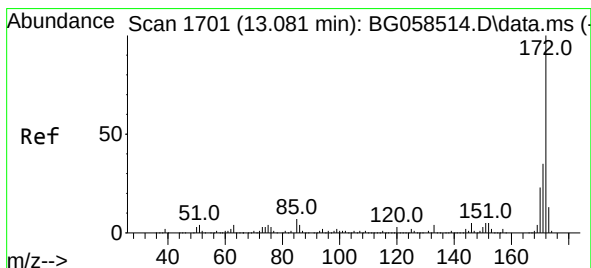
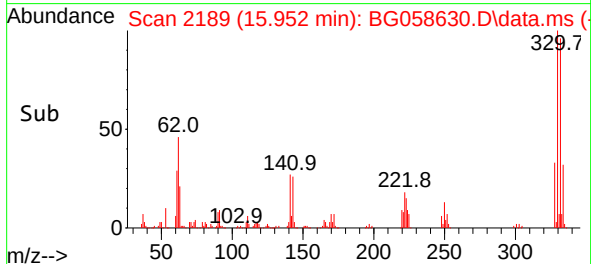
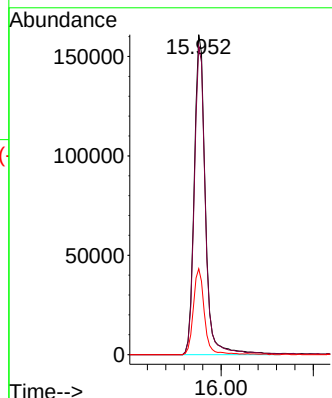
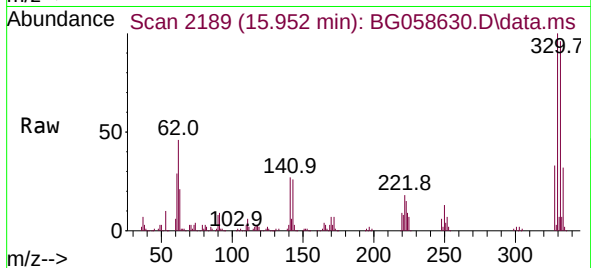




#42
2,4,6-Tribromophenol
Concen: 135.794 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

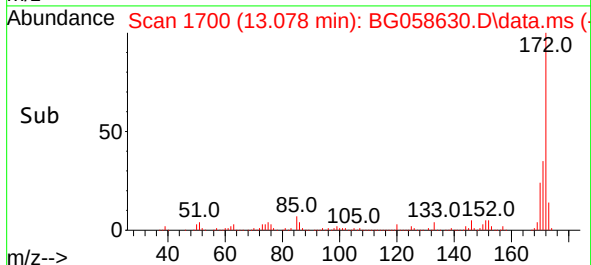
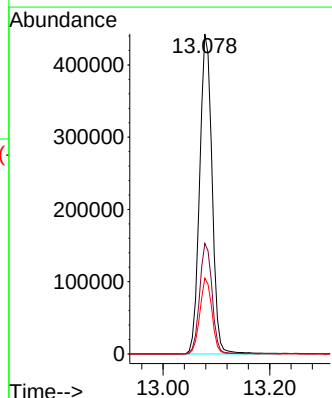
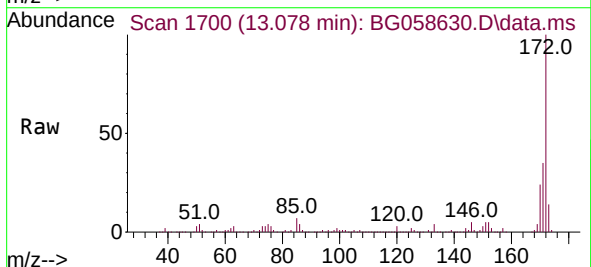
Instrument :
BNA_G
ClientSampleId :
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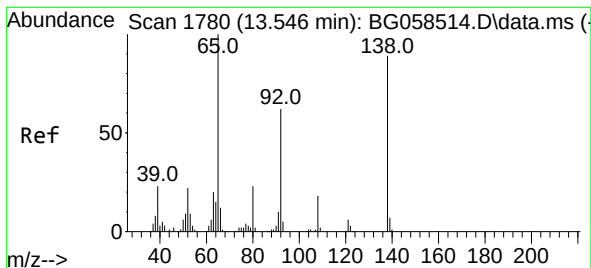
Tgt Ion:330 Resp: 270408
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 26.5 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 88.022 ng
RT: 13.078 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

Tgt Ion:172 Resp: 713592
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.7 18.4 27.6





#48

2-Nitroaniline

Concen: 18.392 ng

RT: 13.360 min Scan# 11

Delta R.T. -0.185 min

Lab File: BG058630.D

Acq: 7 Aug 2023 16:59

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK-1

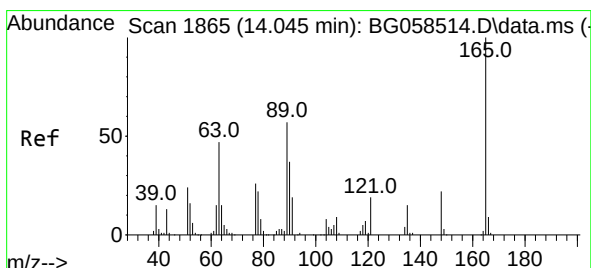
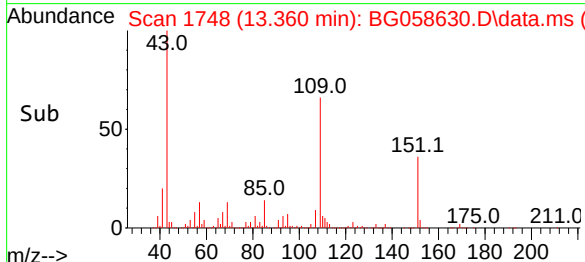
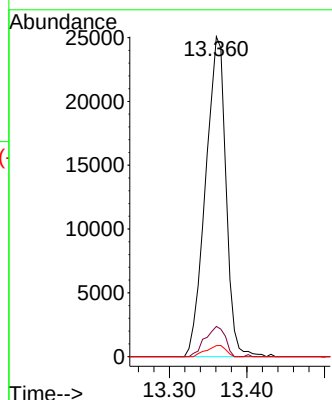
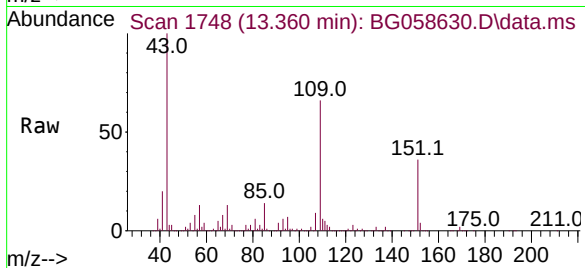
Tgt Ion: 65 Resp: 45667

Ion Ratio Lower Upper

65 100

92 9.4 49.2 73.8#

138 3.4 71.5 107.3#



#51

2,6-Dinitrotoluene

Concen: 7.644 ng

RT: 14.459 min Scan# 1935

Delta R.T. 0.414 min

Lab File: BG058630.D

Acq: 7 Aug 2023 16:59

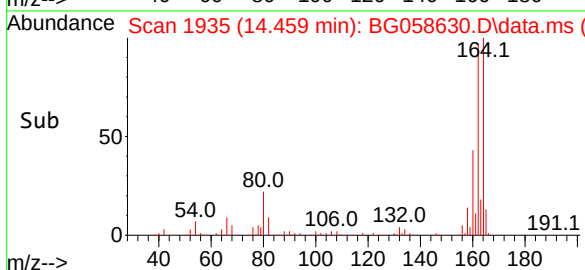
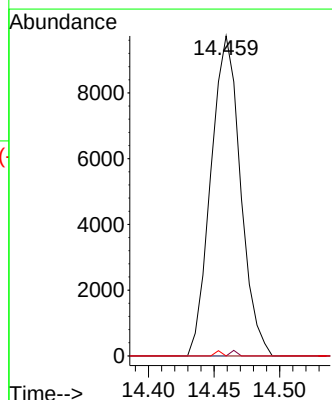
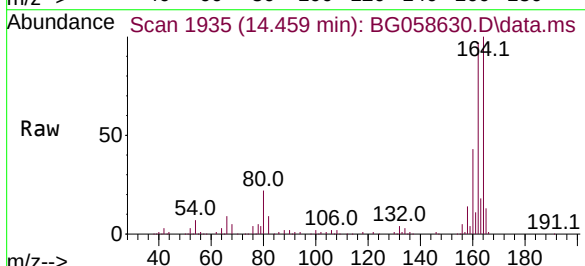
Tgt Ion:165 Resp: 15303

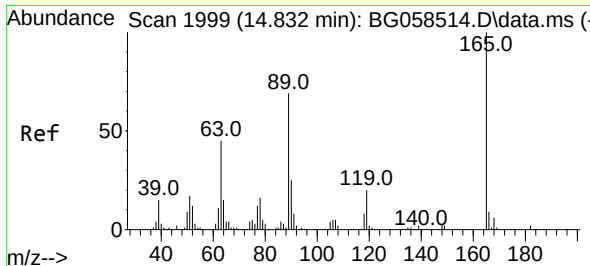
Ion Ratio Lower Upper

165 100

63 0.0 46.4 69.6#

89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.514 ng

RT: 14.459 min Scan# 1999

Delta R.T. -0.373 min

Lab File: BG058630.D

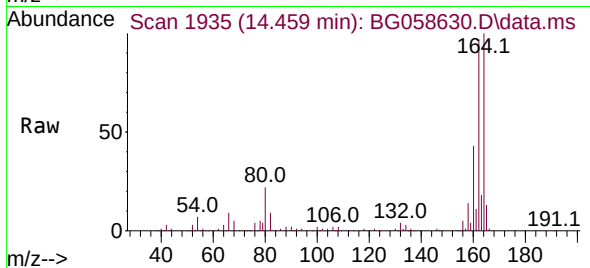
Acq: 7 Aug 2023 16:59

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK-1



Tgt Ion:165 Resp: 15303

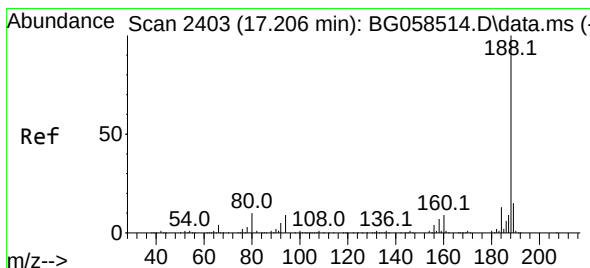
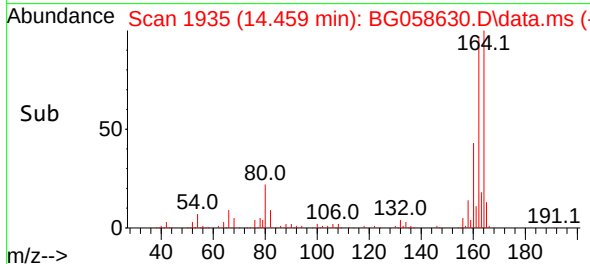
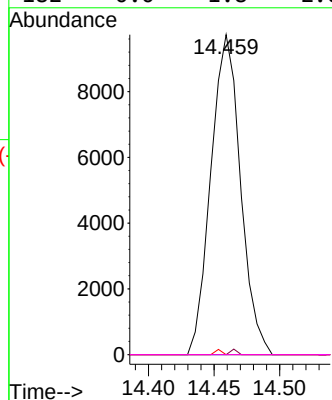
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.209 min Scan# 2403

Delta R.T. 0.003 min

Lab File: BG058630.D

Acq: 7 Aug 2023 16:59

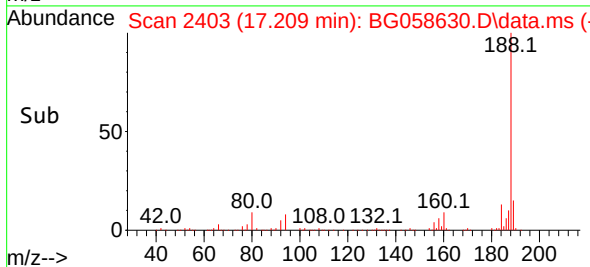
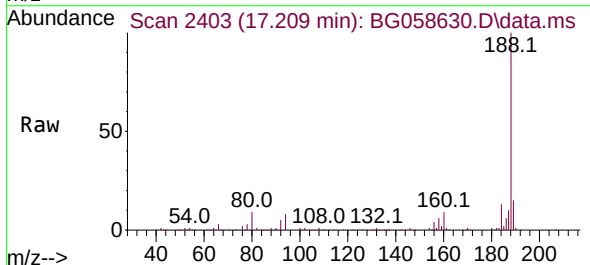
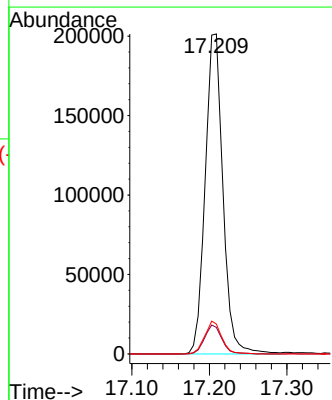
Tgt Ion:188 Resp: 319744

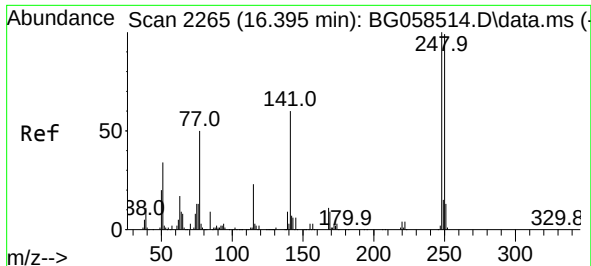
Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.3 8.1 12.1

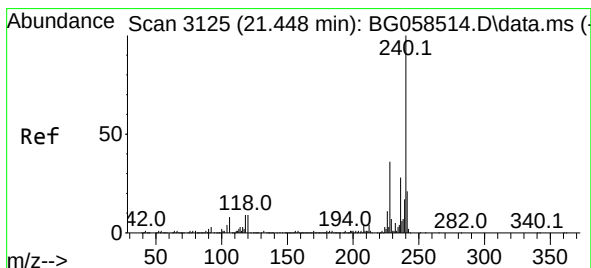
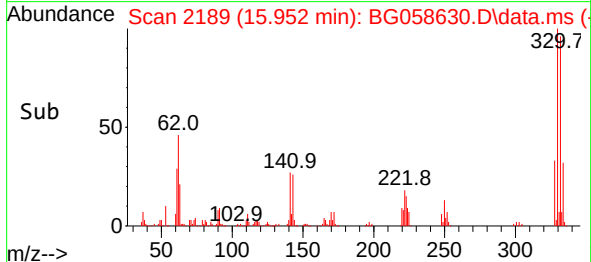
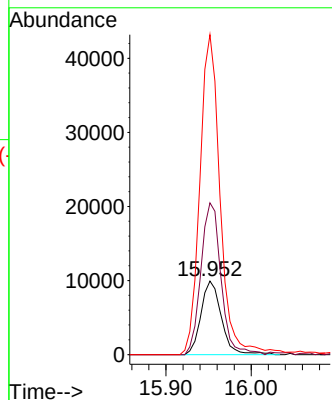
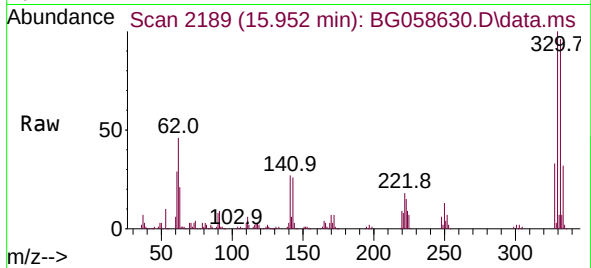




#67
4-Bromophenyl-phenylether
Concen: 4.548 ng
RT: 15.952 min Scan# 211
Delta R.T. -0.444 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

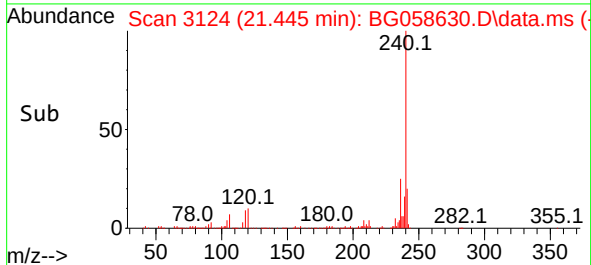
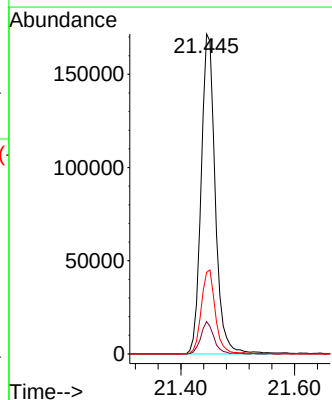
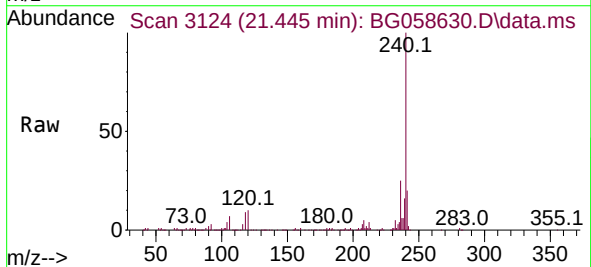
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ClientSampleId :
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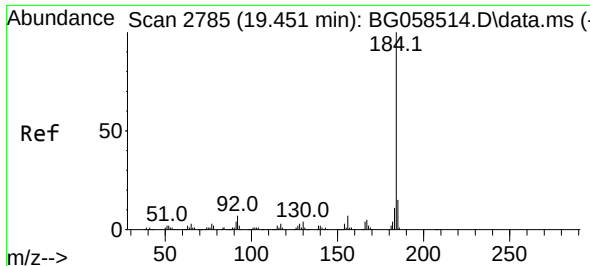
Tgt Ion:248 Resp: 16495
Ion Ratio Lower Upper
248 100
250 206.2 79.5 119.3#
141 434.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

Tgt Ion:240 Resp: 295145
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 25.5 22.2 33.4

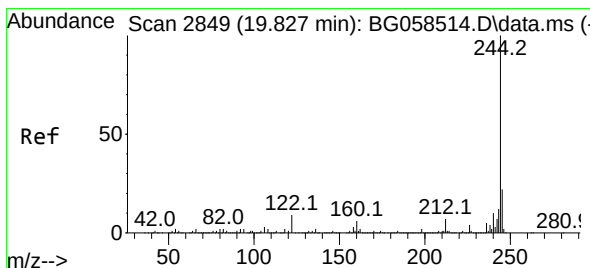
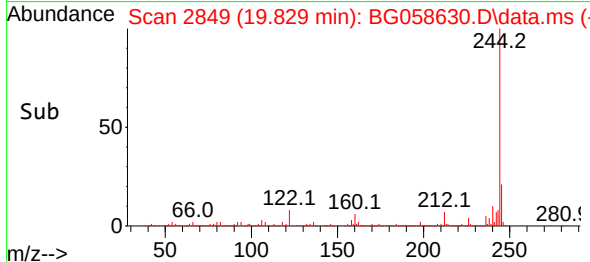
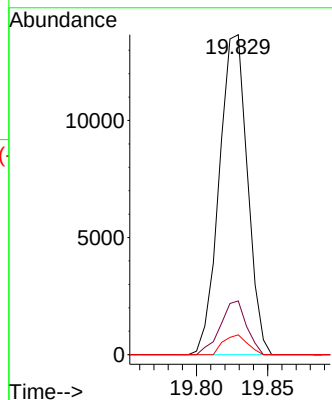
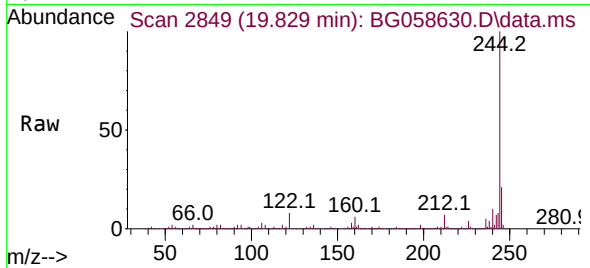




#77
Benzidine
Concen: 4.218 ng
RT: 19.829 min Scan# 2849
Delta R.T. 0.379 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

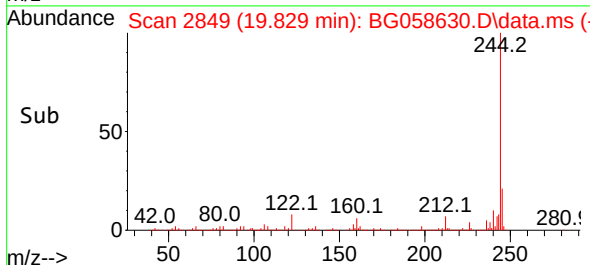
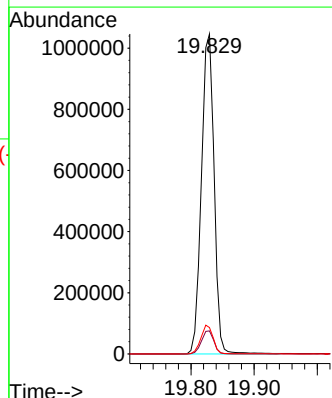
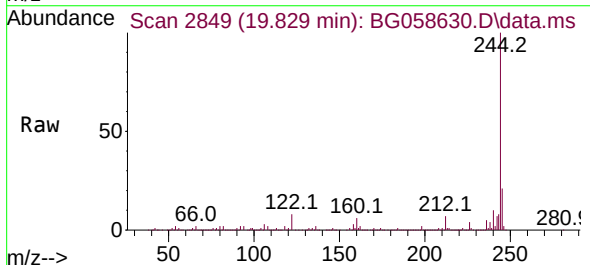
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK-1

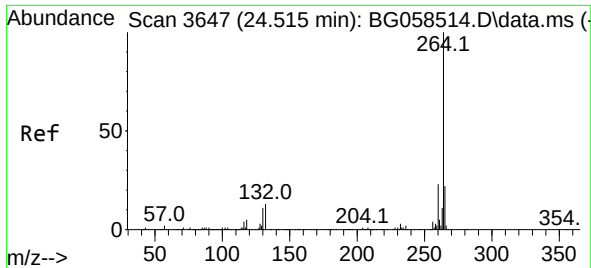
Tgt Ion:184 Resp: 18880
Ion Ratio Lower Upper
184 100
185 16.8 11.9 17.9
183 6.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 92.850 ng
RT: 19.829 min Scan# 2849
Delta R.T. 0.003 min
Lab File: BG058630.D
Acq: 7 Aug 2023 16:59

Tgt Ion:244 Resp: 1457259
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.2 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG058630.D
 Acq: 7 Aug 2023 16:59

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK-1

Tgt Ion:264 Resp: 353420
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.7 17.9 26.9

