

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058853.D
 Acq On : 25 Aug 2023 17:20
 Operator : MA/JU
 Sample : 04147-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05(46-47)

Quant Time: Aug 26 09:17:29 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)

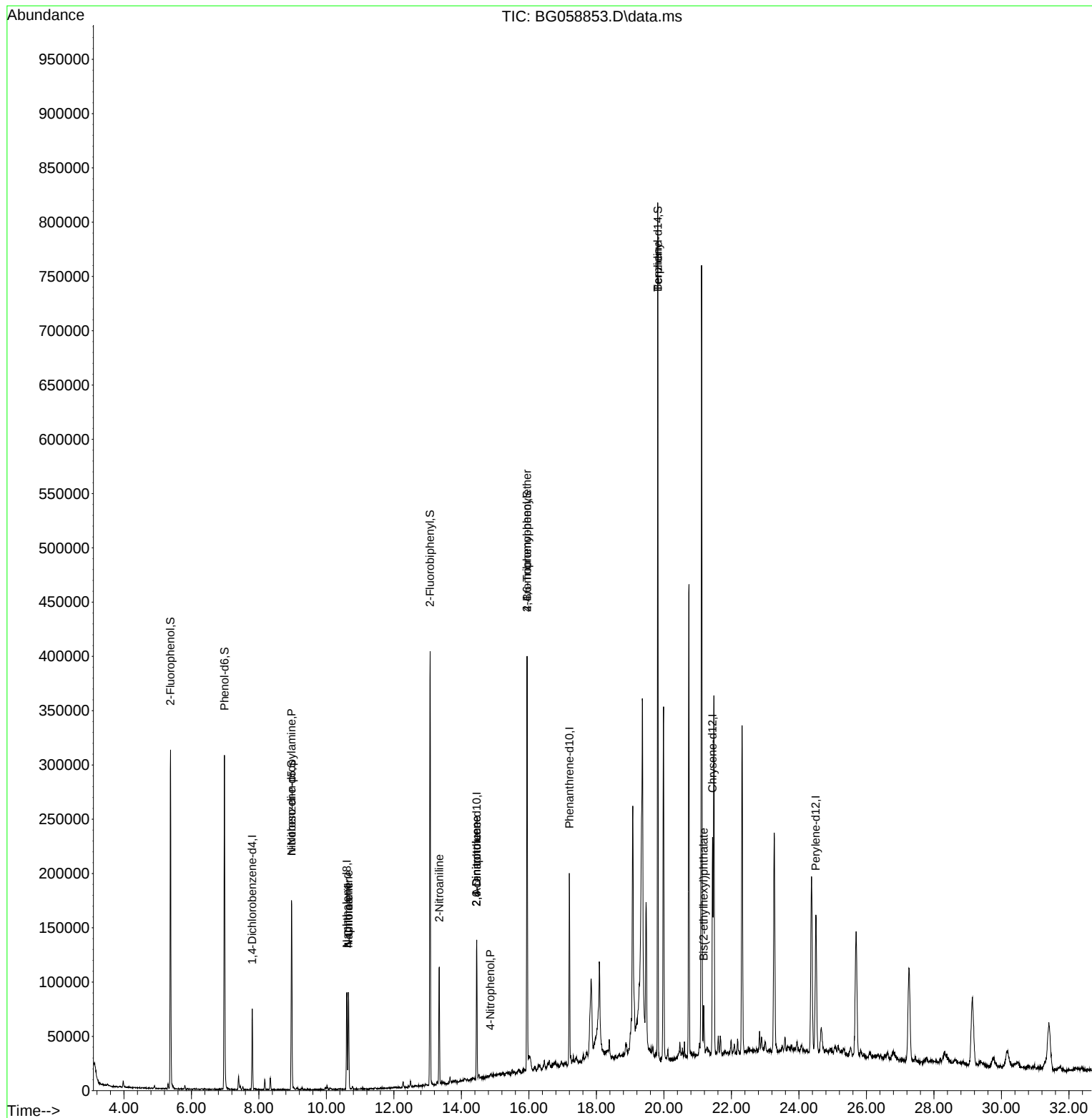
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	19863	20.000	ng	-0.02
21) Naphthalene-d8	10.605	136	74368	20.000	ng	#-0.02
39) Acenaphthene-d10	14.453	164	45622	20.000	ng	-0.02
64) Phenanthrene-d10	17.197	188	112736	20.000	ng	-0.02
76) Chrysene-d12	21.439	240	113865	20.000	ng	-0.02
86) Perylene-d12	24.500	264	137736	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	127890	103.614	ng	-0.02
7) Phenol-d6	6.980	99	165798	95.741	ng	-0.02
23) Nitrobenzene-d5	8.966	82	102197	66.069	ng	-0.03
42) 2,4,6-Tribromophenol	15.946	330	81669	114.167	ng	-0.02
45) 2-Fluorobiphenyl	13.073	172	215410	68.674	ng	-0.02
79) Terphenyl-d14	19.818	244	385817	60.841	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.966	70	13286	11.869	ng	# 78
31) Naphthalene	10.652	128	71749	18.375	ng	98
33) 4-Chloroaniline	10.652	127	9436	5.730	ng	# 33
48) 2-Nitroaniline	13.343	65	1876	2.017	ng	# 19
51) 2,6-Dinitrotoluene	14.448	165	6266	8.443	ng	# 22
56) 4-Nitrophenol	14.853	139	143	4.719	ng	# 1
57) 2,4-Dinitrotoluene	14.448	165	6266	6.054	ng	# 19
67) 4-Bromophenyl-phenylether	15.946	248	5060	4.090	ng	# 1
77) Benzidine	19.818	184	6206	3.041	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.175	149	15793	3.347	ng	# 53

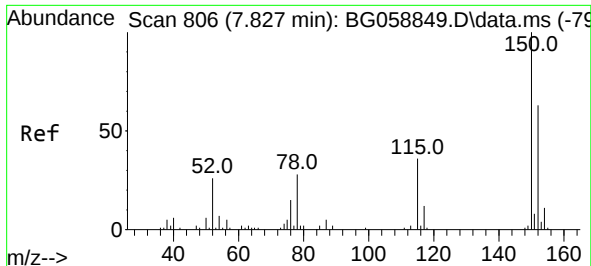
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
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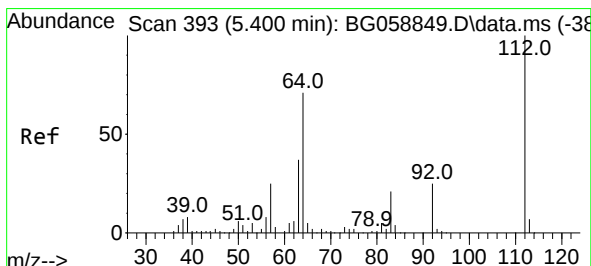
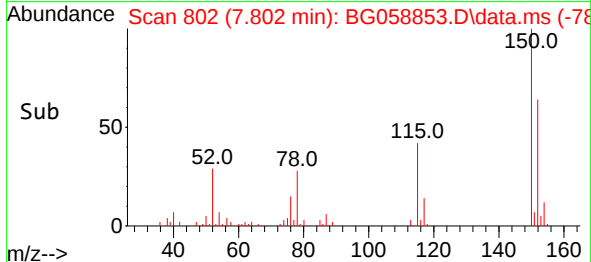
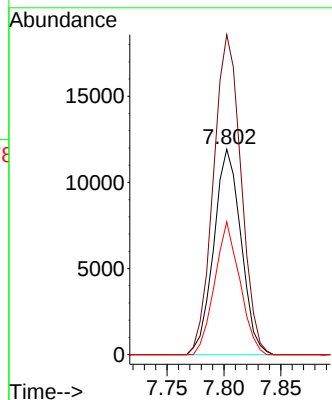
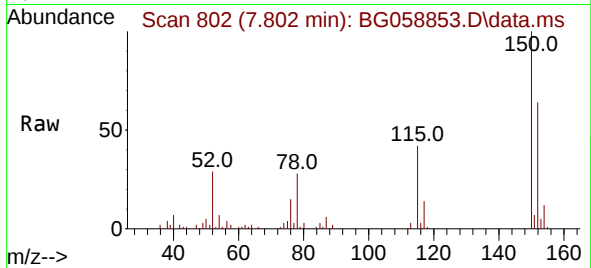




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 80
Delta R.T. -0.025 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

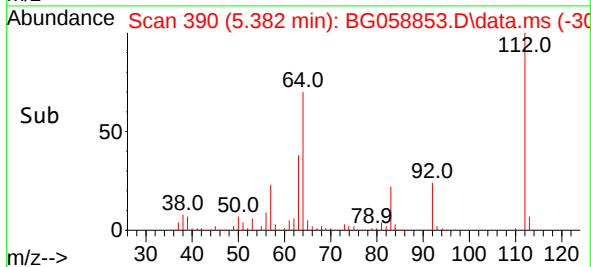
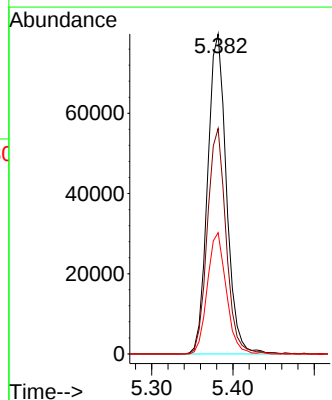
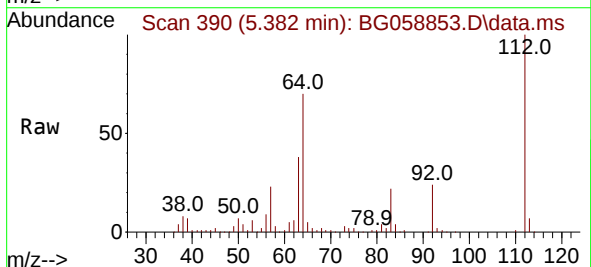
Instrument :
BNA_G
ClientSampleId :
SB-05(46-47)

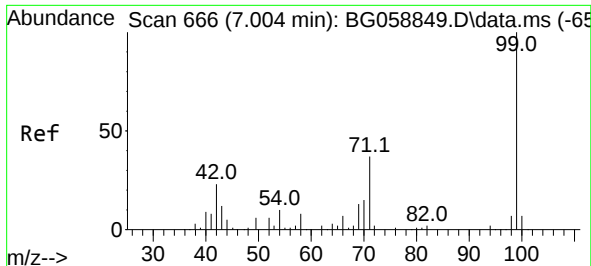
Tgt Ion:152 Resp: 19863
Ion Ratio Lower Upper
152 100
150 155.7 128.6 192.8
115 64.7 50.4 75.6



#5
2-Fluorophenol
Concen: 103.614 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.018 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion:112 Resp: 127890
Ion Ratio Lower Upper
112 100
64 70.5 60.6 90.8
63 37.9 31.0 46.4

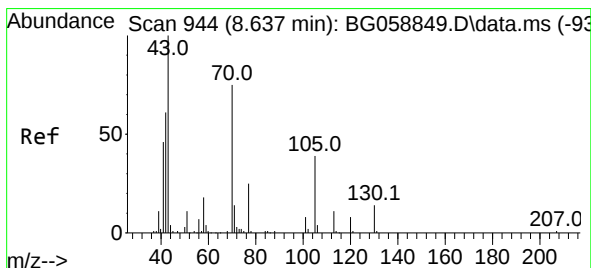
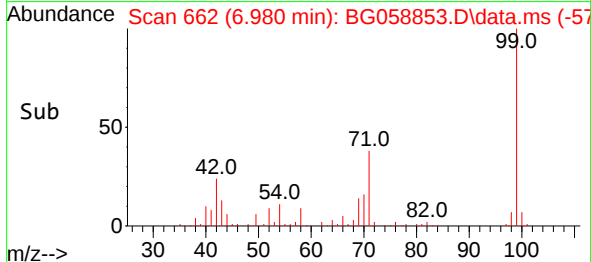
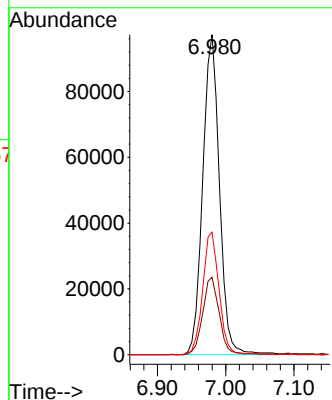
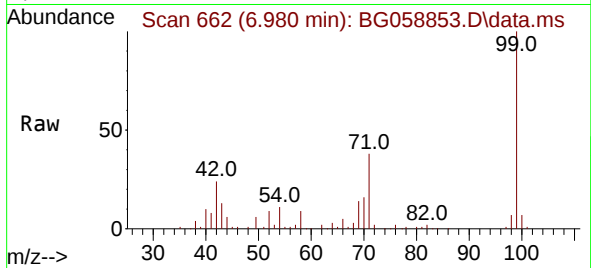




#7
Phenol-d6
Concen: 95.741 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.024 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

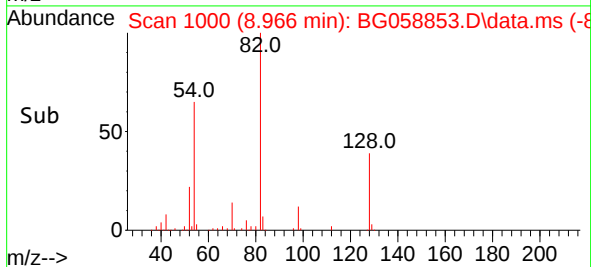
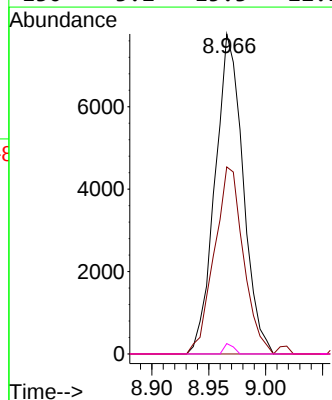
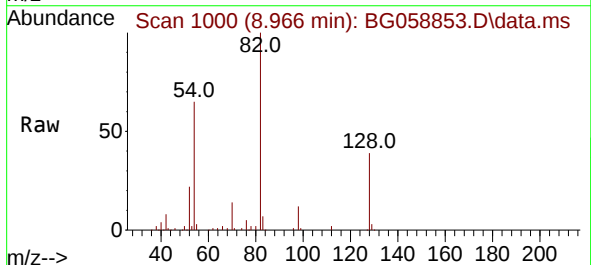
Instrument :
BNA_G
ClientSampleId :
SB-05(46-47)

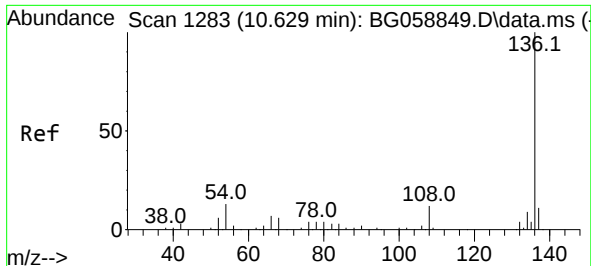
Tgt Ion: 99 Resp: 165798
Ion Ratio Lower Upper
99 100
42 24.2 16.5 24.7
71 38.3 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.869 ng
RT: 8.966 min Scan# 1000
Delta R.T. 0.328 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion: 70 Resp: 13286
Ion Ratio Lower Upper
70 100
42 58.5 59.2 88.8#
101 0.0 8.2 12.2#
130 3.2 15.3 22.9#

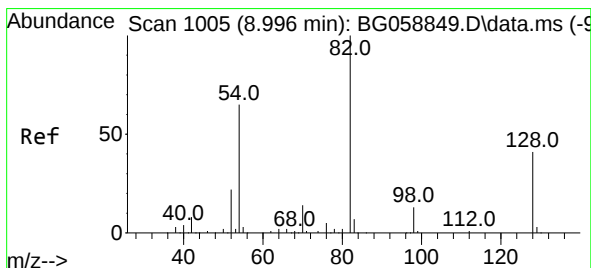
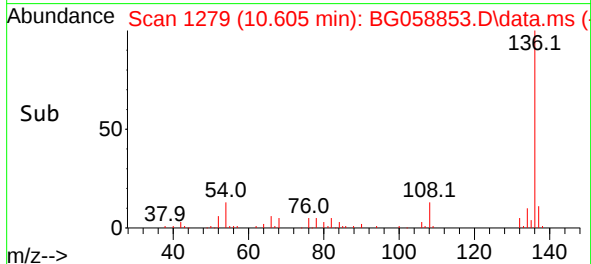
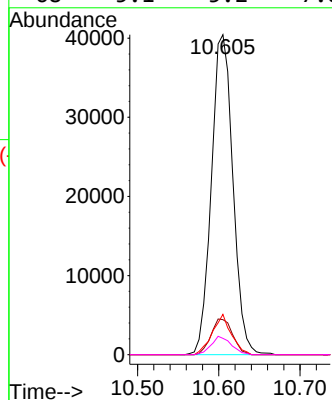
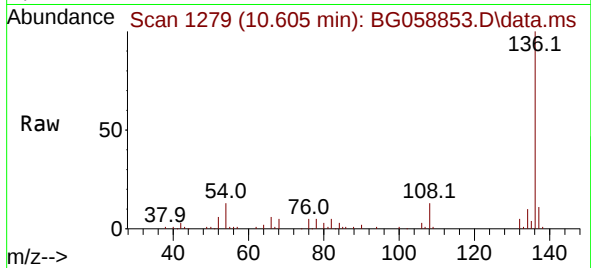




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

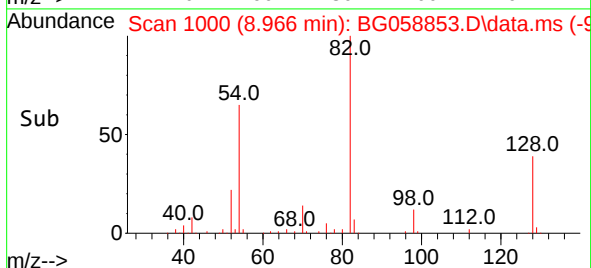
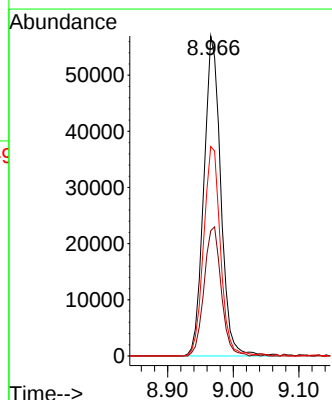
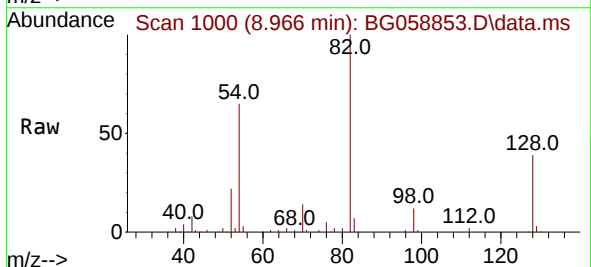
Instrument :
BNA_G
ClientSampleId :
SB-05(46-47)

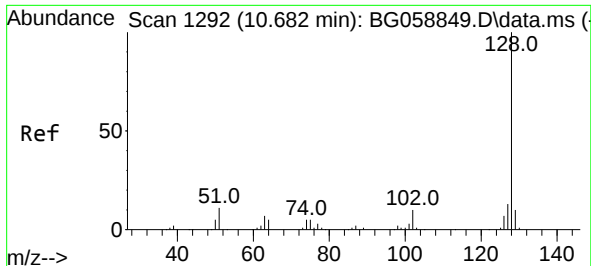
Tgt Ion:136 Resp: 74368
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 12.6 10.1 15.1
68 5.1 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 66.069 ng
RT: 8.966 min Scan# 1000
Delta R.T. -0.030 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion: 82 Resp: 102197
Ion Ratio Lower Upper
82 100
128 39.1 33.2 49.8
54 65.5 51.2 76.8

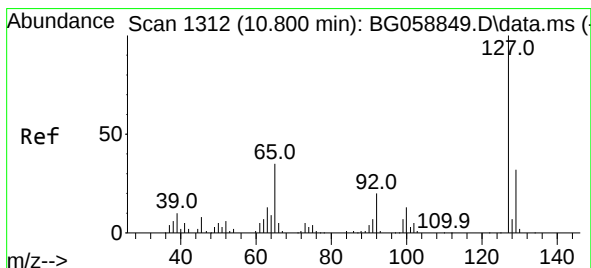
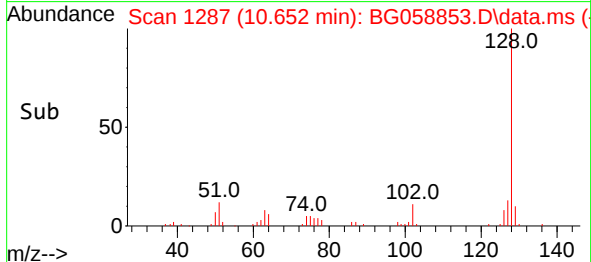
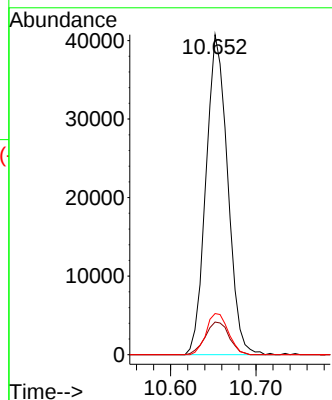
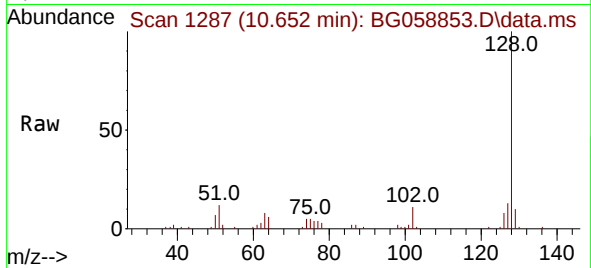




#31
Naphthalene
Concen: 18.375 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.030 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

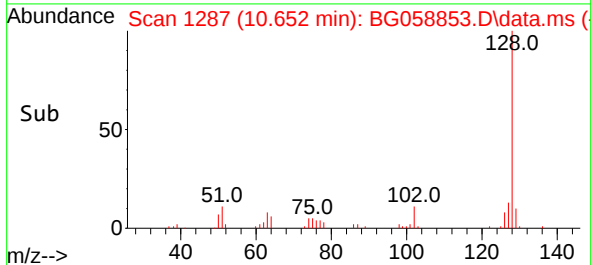
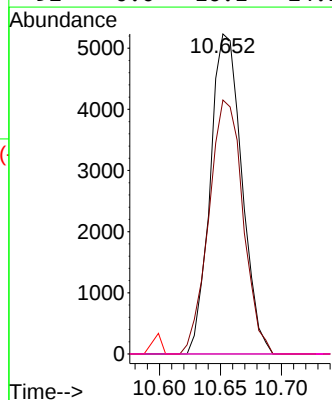
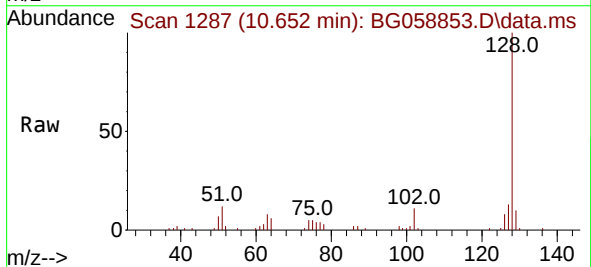
Instrument :
BNA_G
ClientSampleId :
SB-05(46-47)

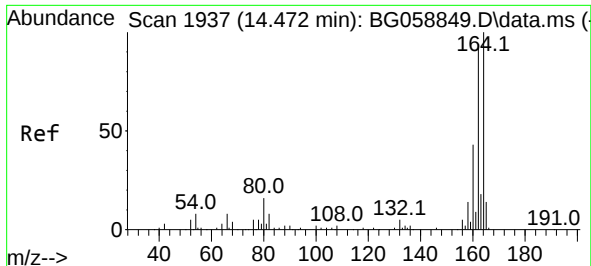
Tgt Ion:128 Resp: 71749
Ion Ratio Lower Upper
128 100
129 10.2 8.9 13.3
127 12.8 10.6 15.8



#33
4-Chloroaniline
Concen: 5.730 ng
RT: 10.652 min Scan# 1287
Delta R.T. -0.148 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion:127 Resp: 9436
Ion Ratio Lower Upper
127 100
129 79.4 25.2 37.8#
65 0.0 30.5 45.7#
92 0.0 16.1 24.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.453 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

Instrument :

BNA_G

ClientSampleId :

SB-05(46-47)

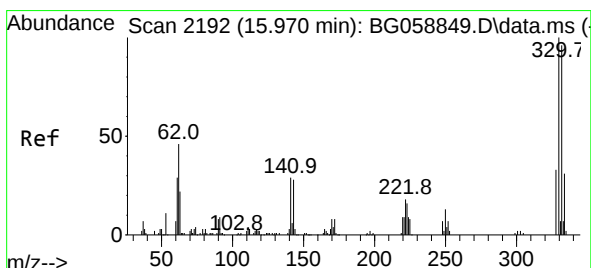
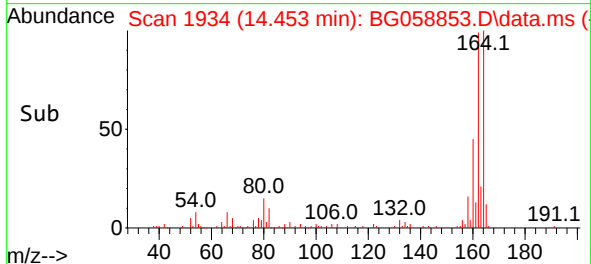
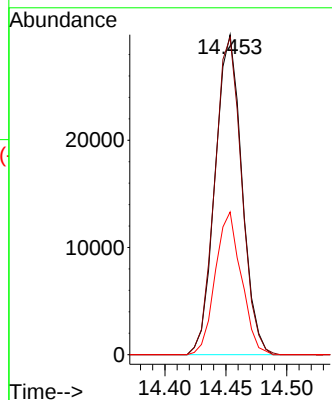
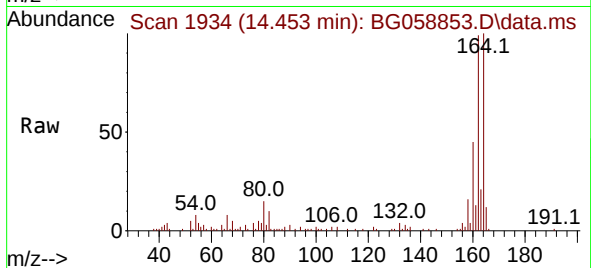
Tgt Ion:164 Resp: 45622

Ion Ratio Lower Upper

164 100

162 99.2 79.6 119.4

160 44.6 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 114.167 ng

RT: 15.946 min Scan# 2188

Delta R.T. -0.024 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

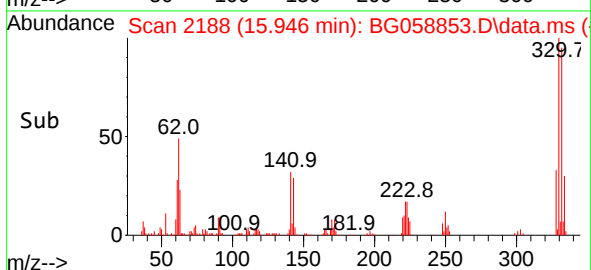
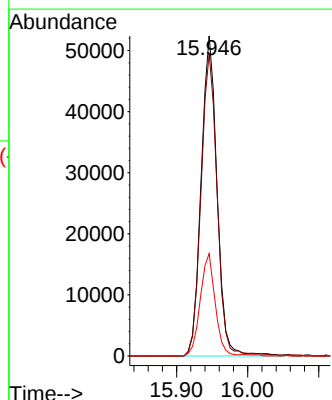
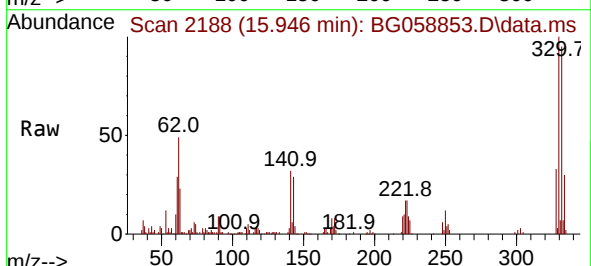
Tgt Ion:330 Resp: 81669

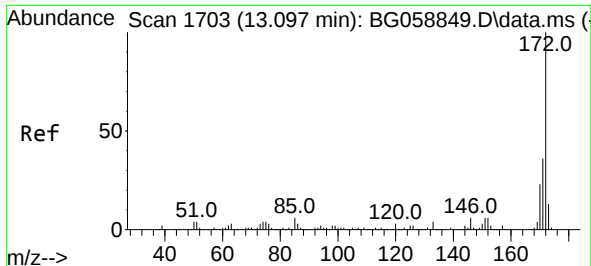
Ion Ratio Lower Upper

330 100

332 95.1 78.5 117.7

141 29.9 23.0 34.6

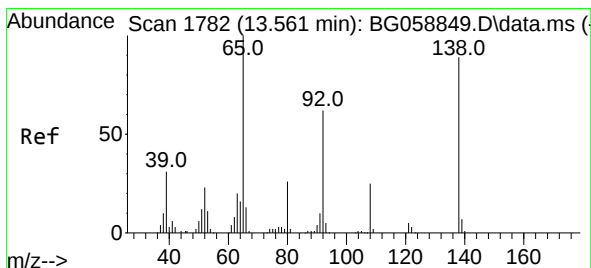
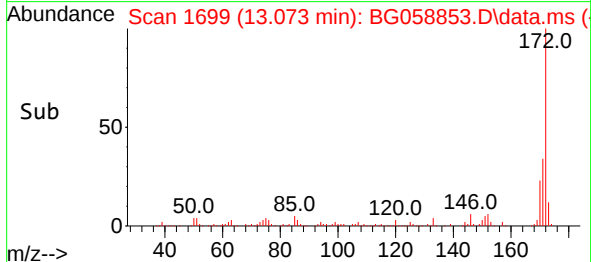
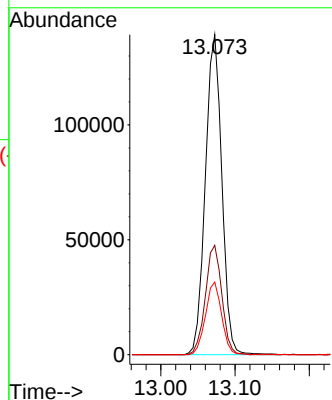
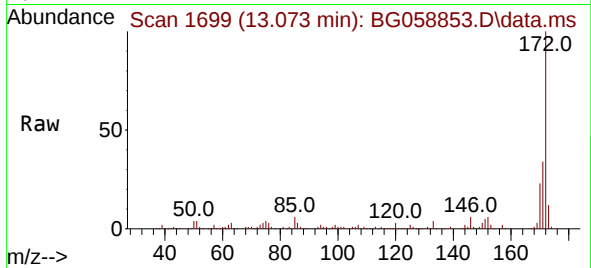




#45
2-Fluorobiphenyl
Concen: 68.674 ng
RT: 13.073 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

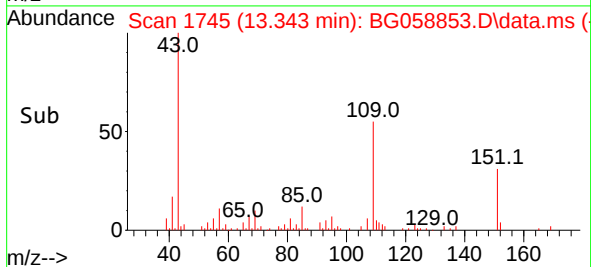
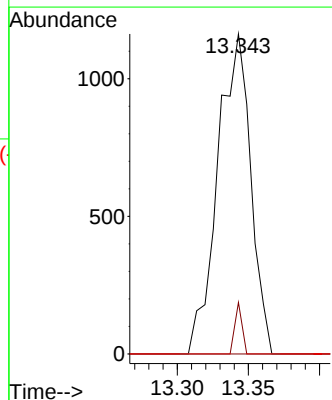
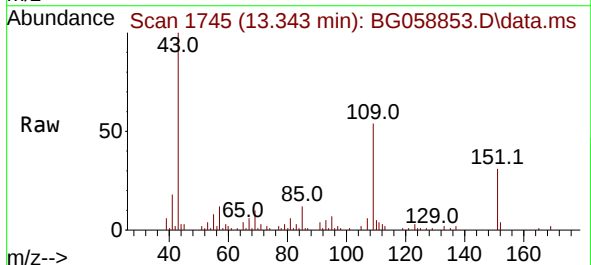
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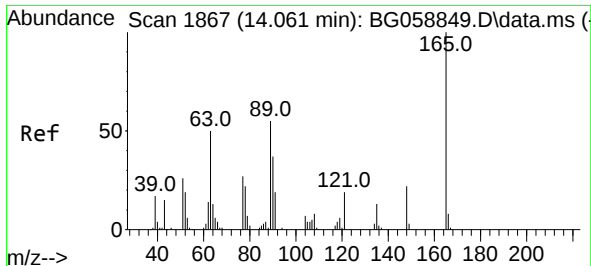
Tgt Ion:172 Resp: 215410
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 22.7 18.6 27.8



#48
2-Nitroaniline
Concen: 2.017 ng
RT: 13.343 min Scan# 1745
Delta R.T. -0.218 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion: 65 Resp: 1876
Ion Ratio Lower Upper
65 100
92 16.1 50.7 76.1#
138 0.0 70.7 106.1#





#51

2,6-Dinitrotoluene

Concen: 8.443 ng

RT: 14.448 min Scan# 11

Delta R.T. 0.387 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

Instrument :

BNA_G

ClientSampleId :

SB-05(46-47)

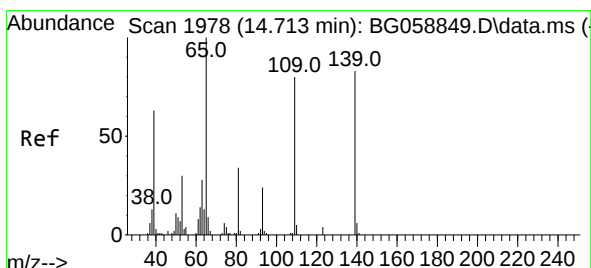
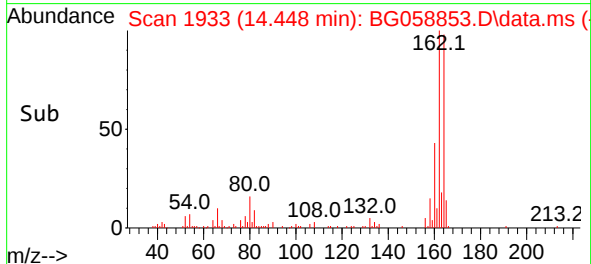
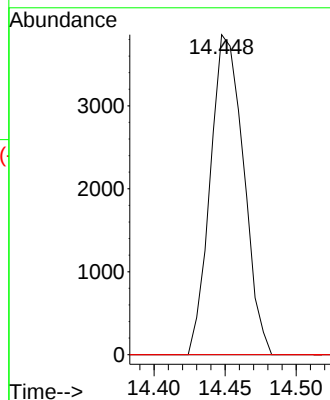
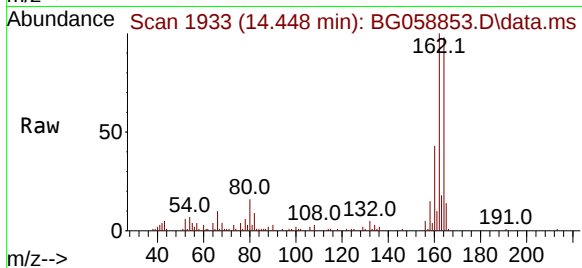
Tgt Ion:165 Resp: 6266

Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

89 0.0 45.0 67.4#



#56

4-Nitrophenol

Concen: 4.719 ng

RT: 14.853 min Scan# 2002

Delta R.T. 0.140 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

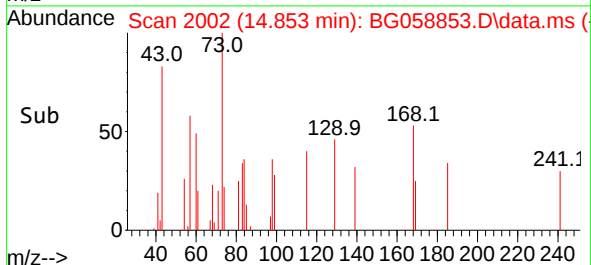
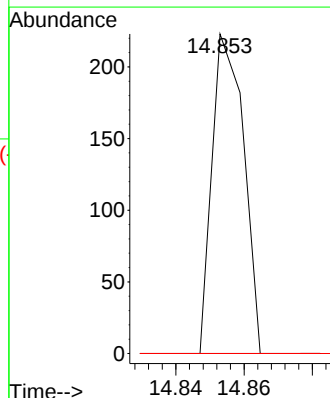
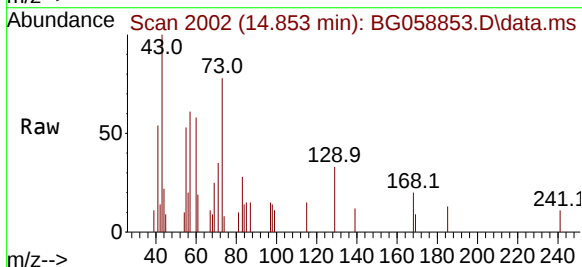
Tgt Ion:139 Resp: 143

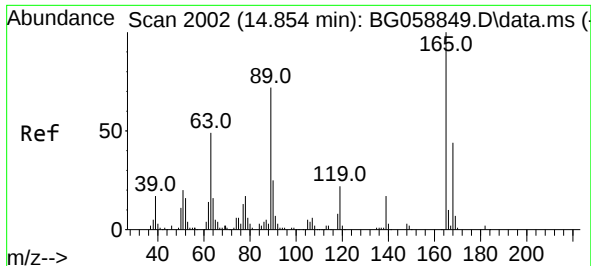
Ion Ratio Lower Upper

139 100

109 0.0 71.9 111.9#

65 0.0 100.7 140.7#





#57

2,4-Dinitrotoluene

Concen: 6.054 ng

RT: 14.448 min Scan# 1933

Delta R.T. -0.406 min

Lab File: BG058853.D

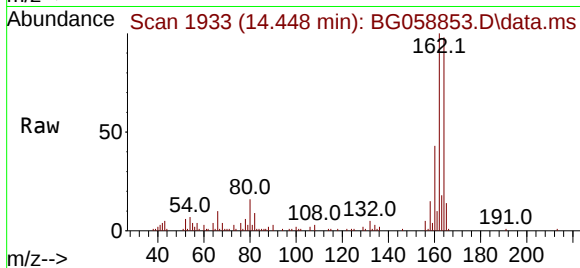
Acq: 25 Aug 2023 17:20

Instrument :

BNA_G

ClientSampleId :

SB-05(46-47)



Tgt Ion:165 Resp: 6266

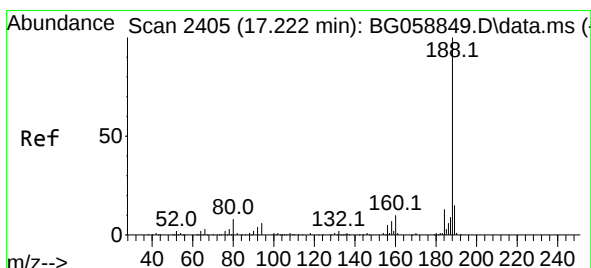
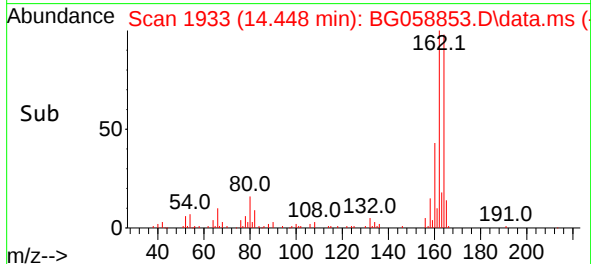
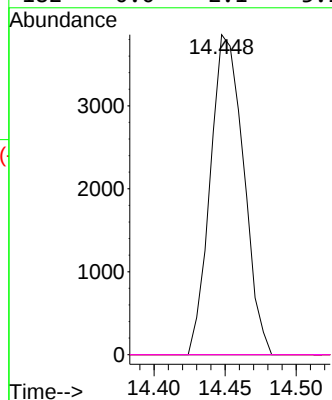
Ion Ratio Lower Upper

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: 17.197 min Scan# 2401

Delta R.T. -0.024 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

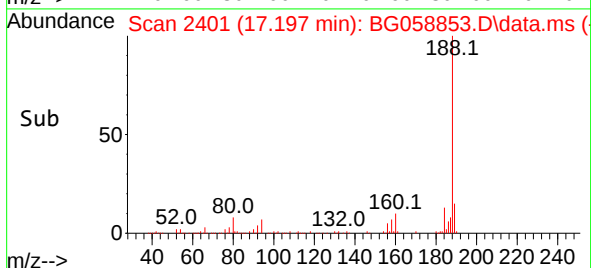
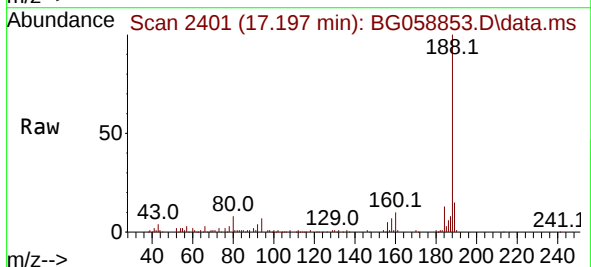
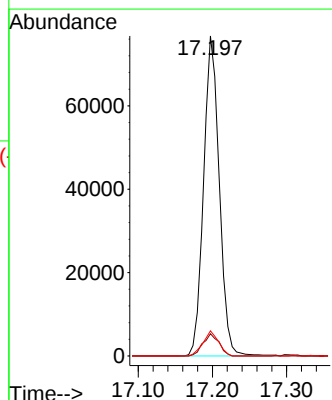
Tgt Ion:188 Resp: 112736

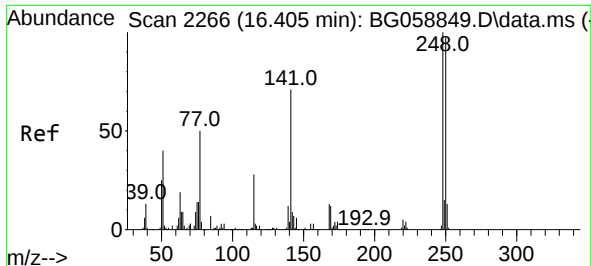
Ion Ratio Lower Upper

188 100

94 7.0 6.1 9.1

80 7.8 6.9 10.3

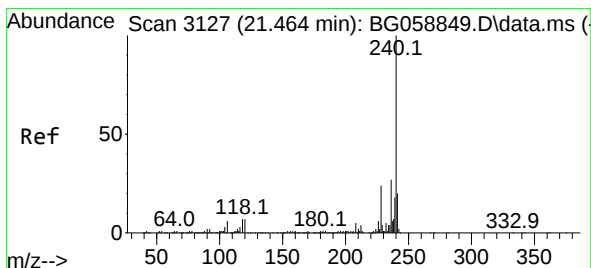
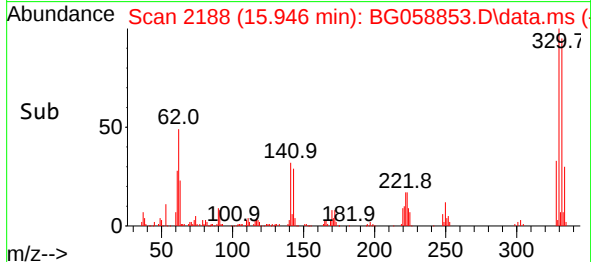
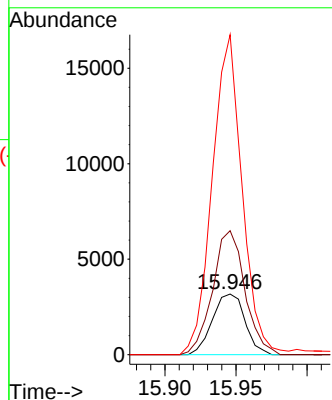
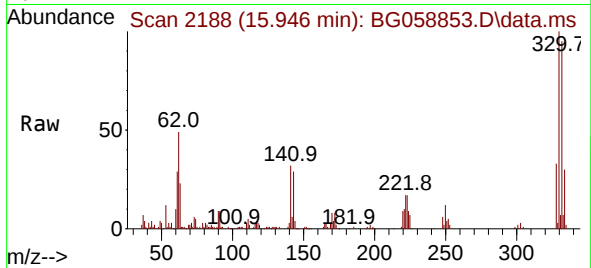




#67
4-Bromophenyl-phenylether
Concen: 4.090 ng
RT: 15.946 min Scan# 2118
Delta R.T. -0.459 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

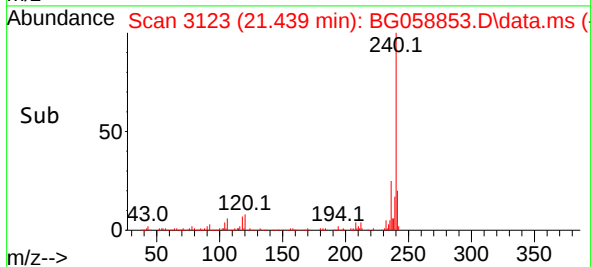
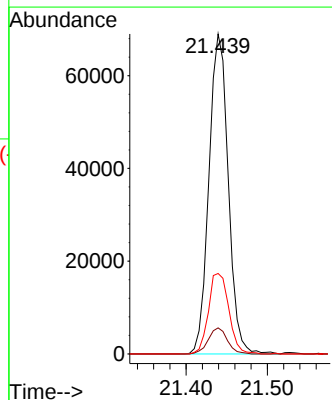
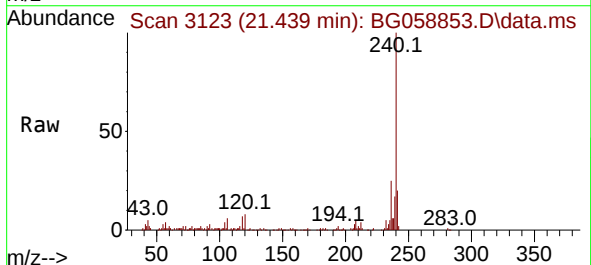
Instrument :
BNA_G
ClientSampleId :
SB-05(46-47)

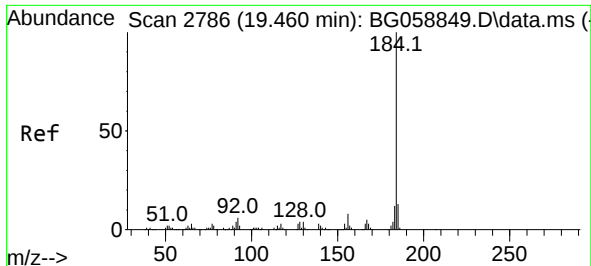
Tgt Ion:248 Resp: 5060
Ion Ratio Lower Upper
248 100
250 204.6 77.7 116.5#
141 527.9 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3123
Delta R.T. -0.024 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion:240 Resp: 113865
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.2
236 25.2 20.5 30.7

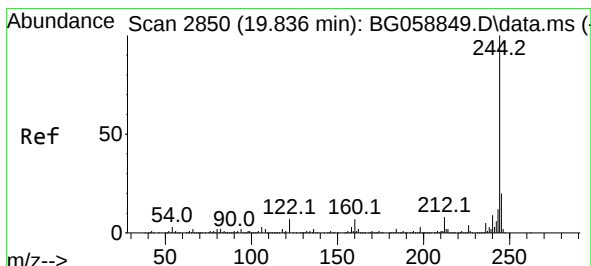
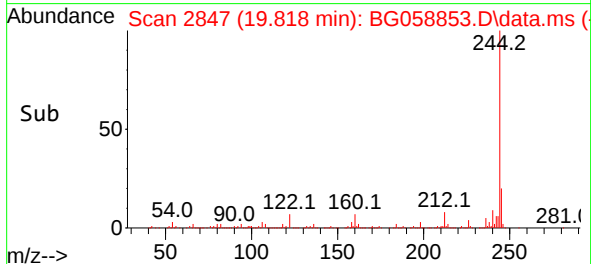
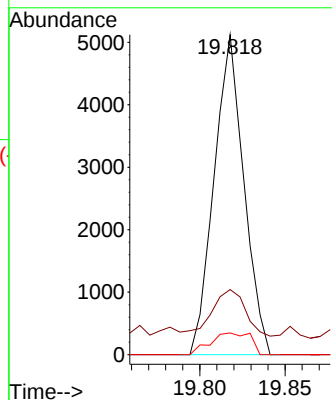
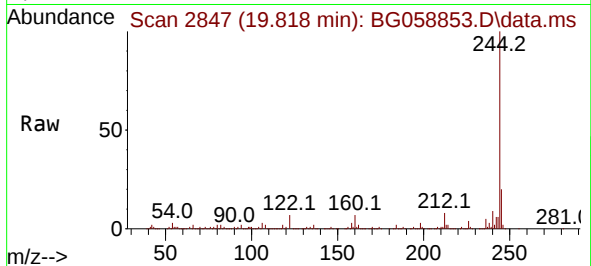




#77
Benzidine
Concen: 3.041 ng
RT: 19.818 min Scan# 2847
Delta R.T. 0.358 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

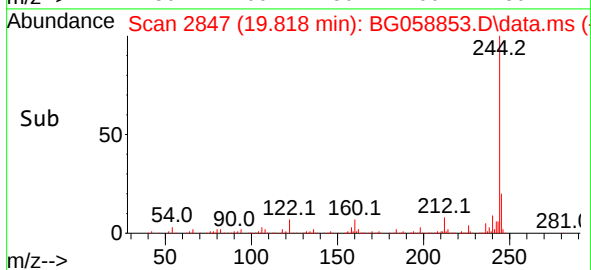
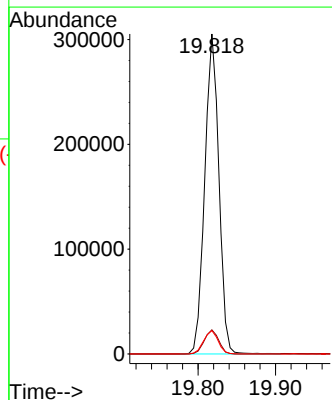
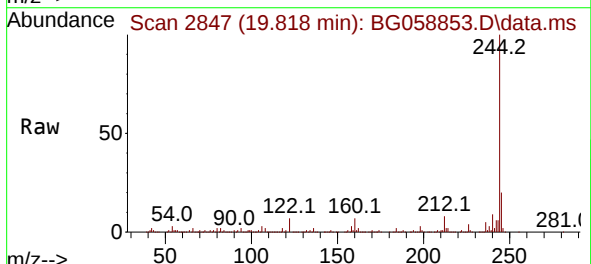
Instrument :
BNA_G
ClientSampleId :
SB-05(46-47)

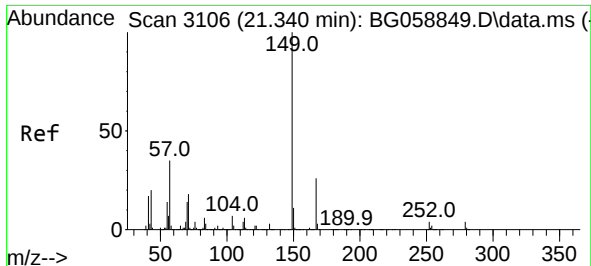
Tgt Ion:184 Resp: 6206
Ion Ratio Lower Upper
184 100
185 20.3 11.9 17.9#
183 6.8 10.0 15.0#



#79
Terphenyl-d14
Concen: 60.841 ng
RT: 19.818 min Scan# 2847
Delta R.T. -0.018 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion:244 Resp: 385817
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.3 6.3 9.5

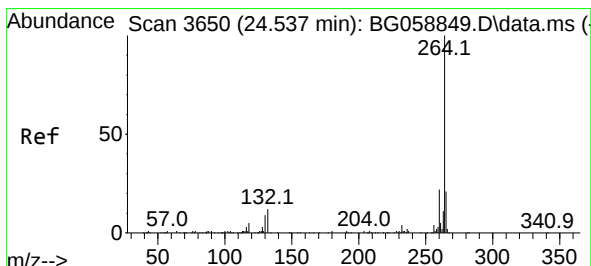
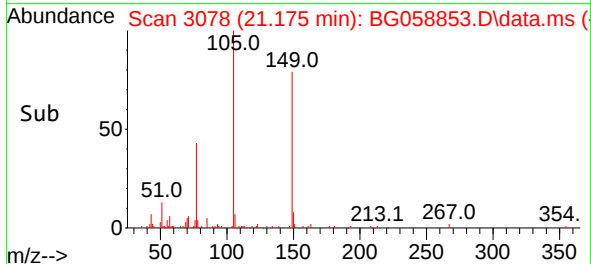
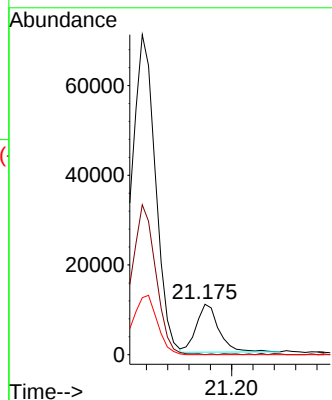
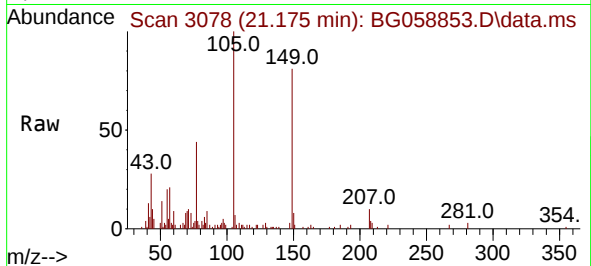




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.347 ng
 RT: 21.175 min Scan# 30
 Delta R.T. -0.165 min
 Lab File: BG058853.D
 Acq: 25 Aug 2023 17:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-05(46-47)

Tgt Ion:149 Resp: 15793
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5#
 279 0.0 3.2 4.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.500 min Scan# 3644
 Delta R.T. -0.036 min
 Lab File: BG058853.D
 Acq: 25 Aug 2023 17:20

Tgt Ion:264 Resp: 137736
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.2 27.2
 265 20.8 16.4 24.6

