

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057074.D
 Acq On : 12 Apr 2023 22:17
 Operator : CG/JU
 Sample : 02283-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230323-COMP-1

Quant Time: Apr 13 05:27:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

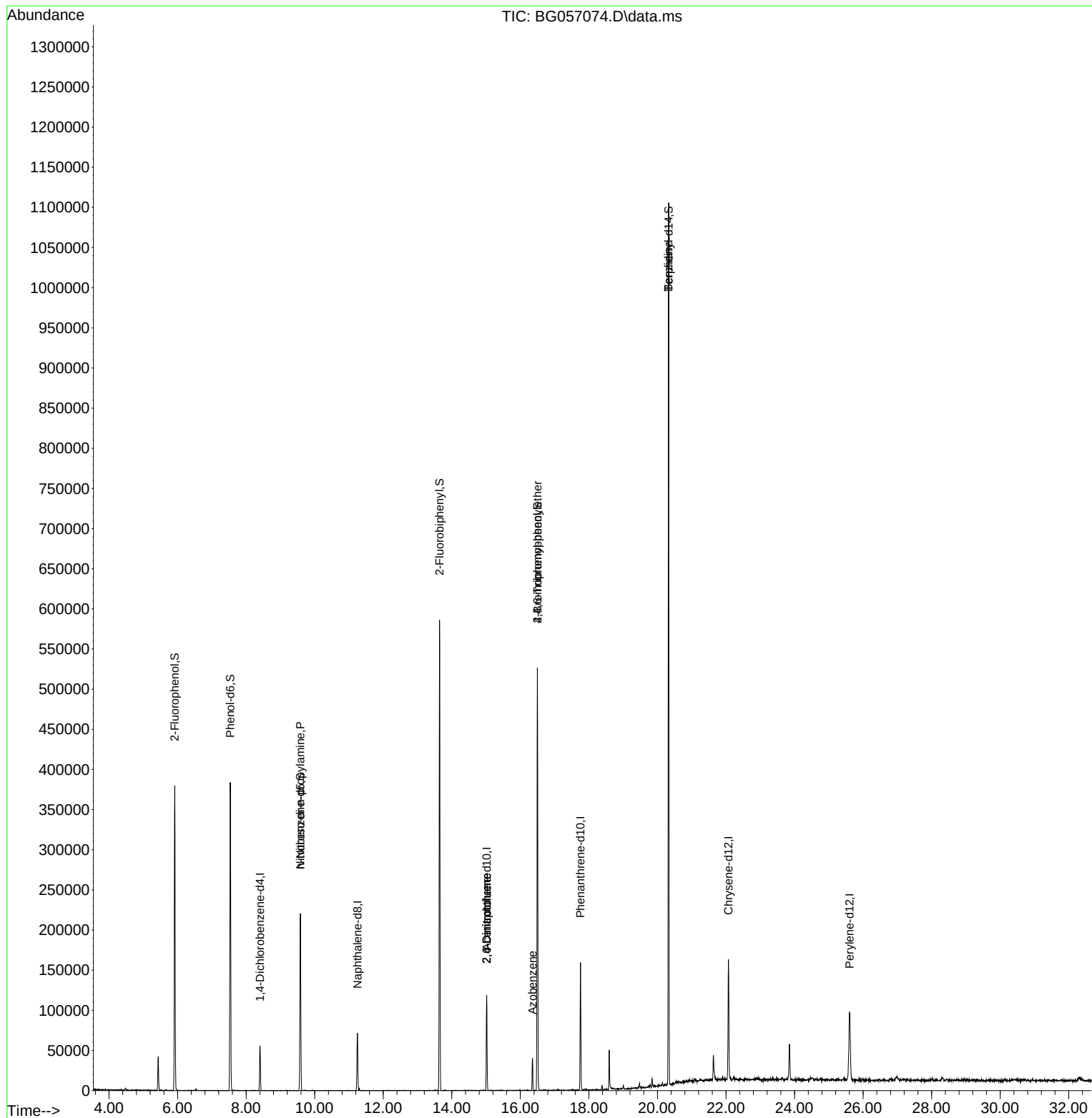
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	15504	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	59870	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	41448	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	100569	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	92406	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	101477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	159958	165.121	ng	0.00
7) Phenol-d6	7.538	99	217972	150.444	ng	0.00
23) Nitrobenzene-d5	9.583	82	138454	94.625	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	106239	160.447	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	295781	96.768	ng	0.00
79) Terphenyl-d14	20.327	244	545917	99.970	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.583	70	19360	18.681	ng	# 76
51) 2,6-Dinitrotoluene	15.022	165	5330	7.554	ng	# 18
57) 2,4-Dinitrotoluene	15.022	165	5330	5.356	ng	# 18
63) Azobenzene	16.356	77	12327	3.778	ng	# 1
67) 4-Bromophenyl-phenylether	16.497	248	6358	5.109	ng	# 1
77) Benzidine	20.321	184	8917	3.530	ng	# 90

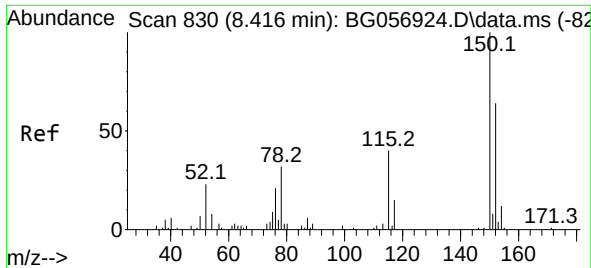
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
20230323-COMP-1

Quant Time: Apr 13 05:27:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

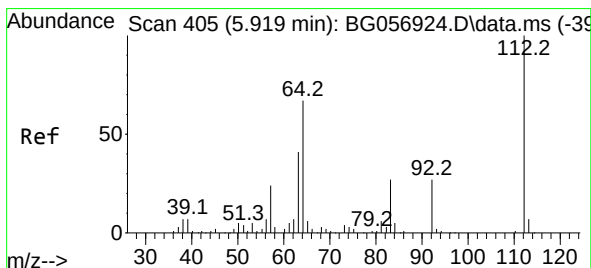
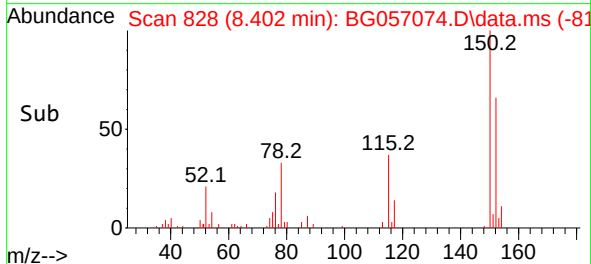
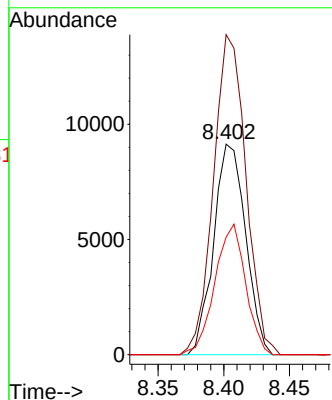
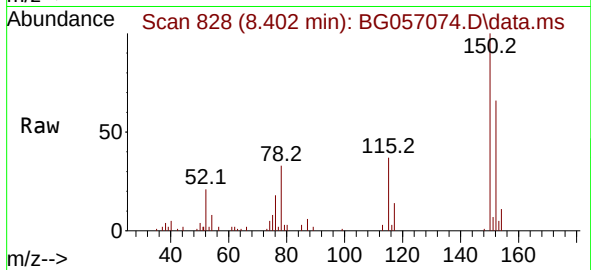




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.402 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: BG057074.D
 Acq: 12 Apr 2023 22:17

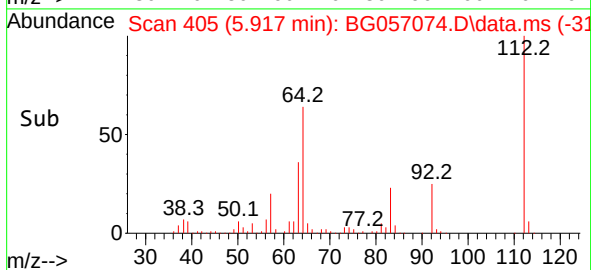
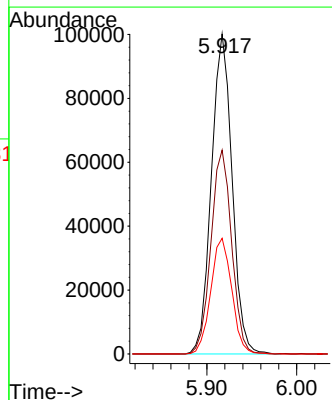
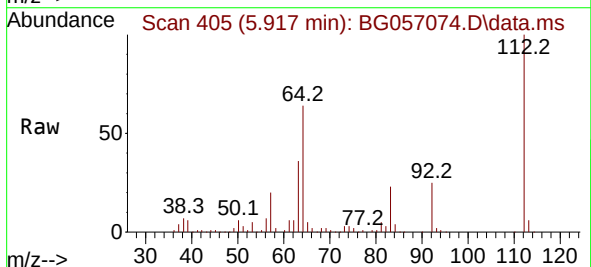
Instrument :
 BNA_G
 ClientSampleId :
 20230323-COMP-1

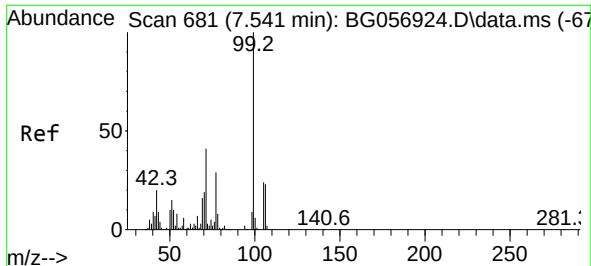
Tgt Ion:152 Resp: 15504
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.1 186.1
 115 55.8 49.1 73.7



#5
 2-Fluorophenol
 Concen: 165.121 ng
 RT: 5.917 min Scan# 405
 Delta R.T. 0.002 min
 Lab File: BG057074.D
 Acq: 12 Apr 2023 22:17

Tgt Ion:112 Resp: 159958
 Ion Ratio Lower Upper
 112 100
 64 63.7 53.2 79.8
 63 36.1 32.6 48.8

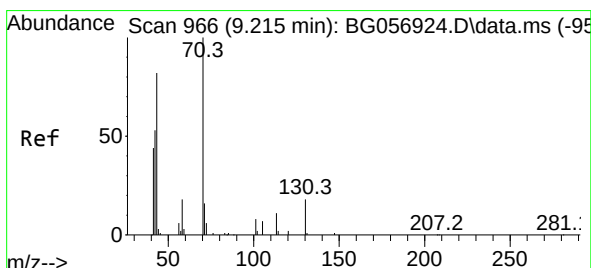
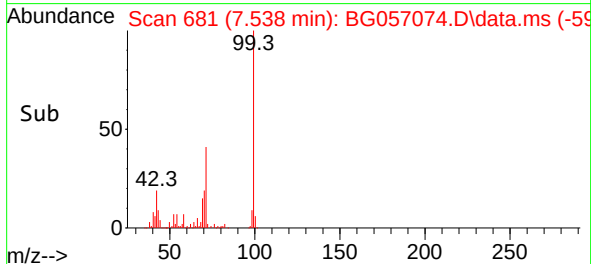
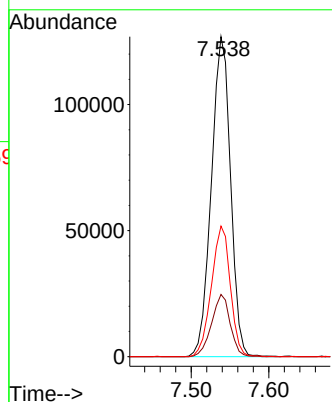
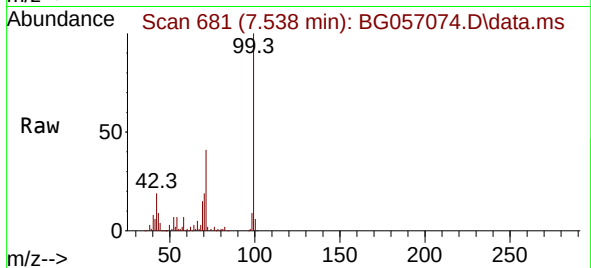




#7
Phenol-d6
Concen: 150.444 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

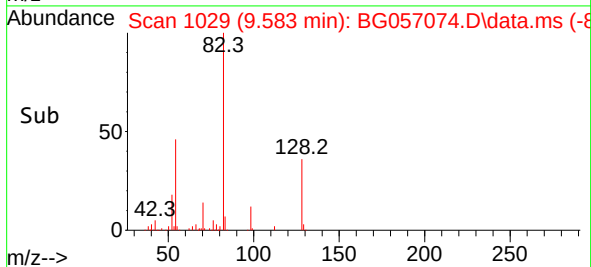
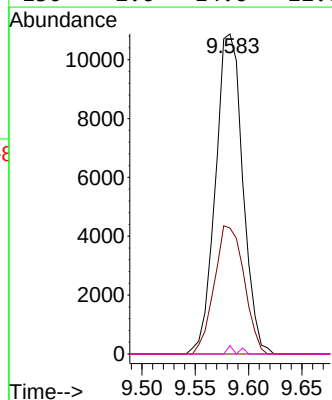
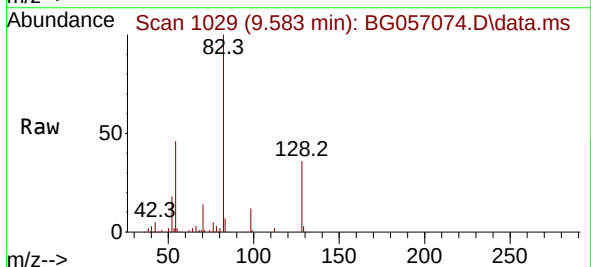
Instrument :
BNA_G
ClientSampleId :
20230323-COMP-1

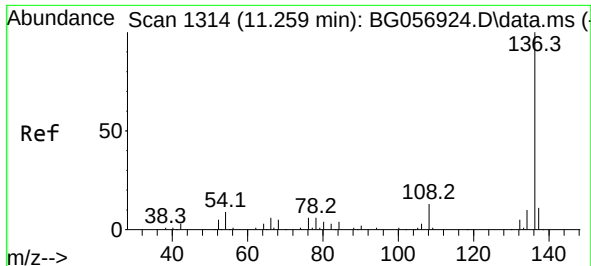
Tgt Ion: 99 Resp: 217972
Ion Ratio Lower Upper
99 100
42 19.4 15.7 23.5
71 40.8 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.681 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.372 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Tgt Ion: 70 Resp: 19360
Ion Ratio Lower Upper
70 100
42 39.4 43.4 65.0#
101 0.0 6.2 9.2#
130 2.6 14.6 22.0#

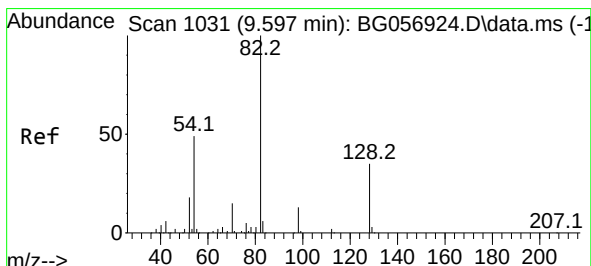
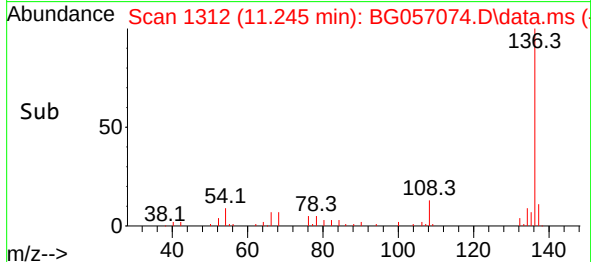
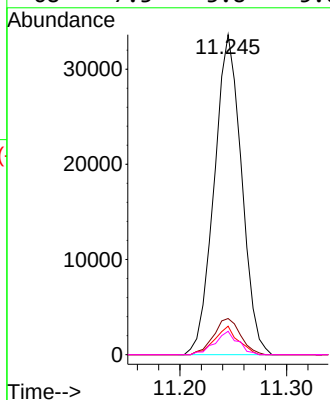
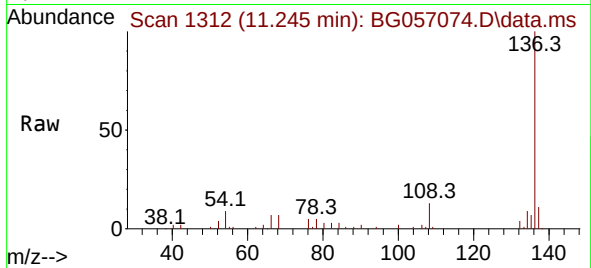




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

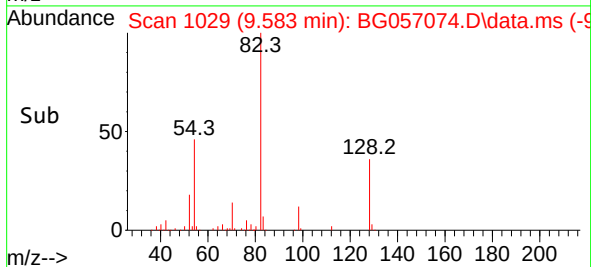
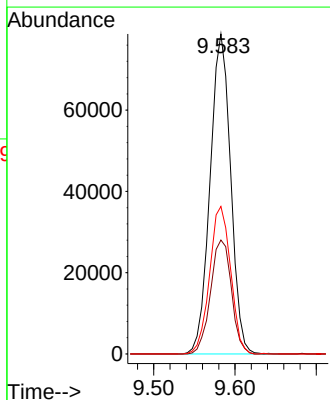
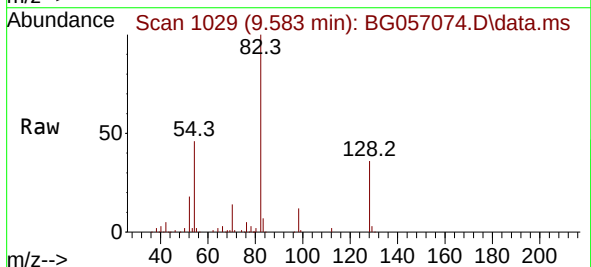
Instrument :
BNA_G
ClientSampleId :
20230323-COMP-1

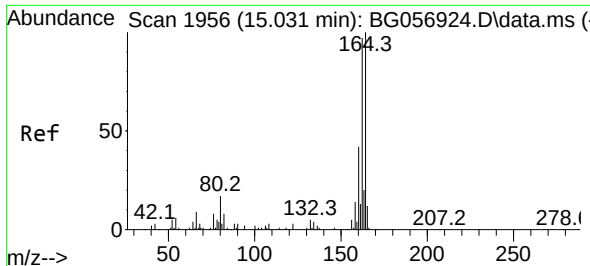
Tgt Ion:	136	Resp:	59870
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	8.9	6.9	10.3
68	7.3	3.8	5.6



#23
Nitrobenzene-d5
Concen: 94.625 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

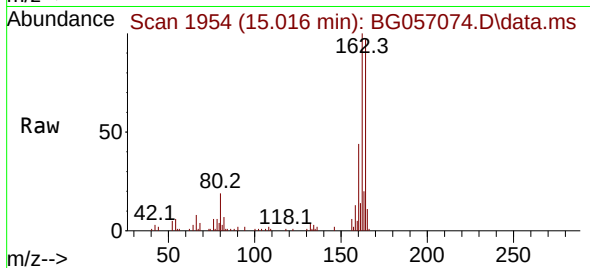
Tgt Ion:	82	Resp:	138454
Ion Ratio	Lower	Upper	
82	100		
128	35.6	27.9	41.9
54	46.1	39.4	59.2



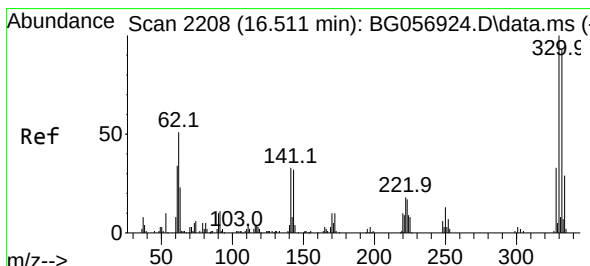
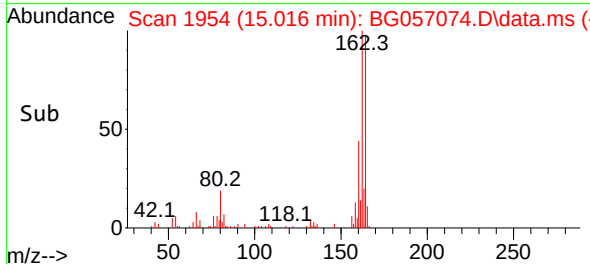
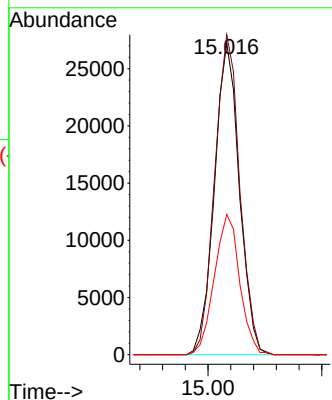


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Instrument :
BNA_G
ClientSampleId :
20230323-COMP-1

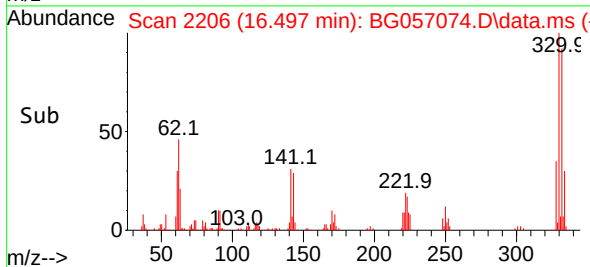
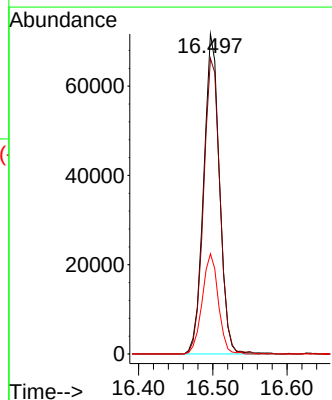
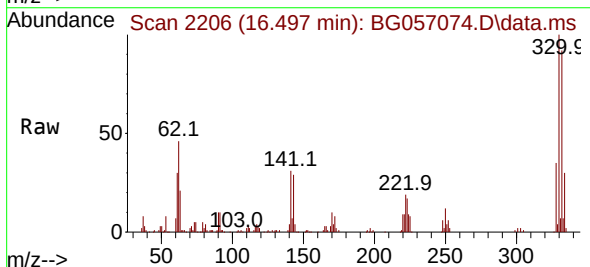


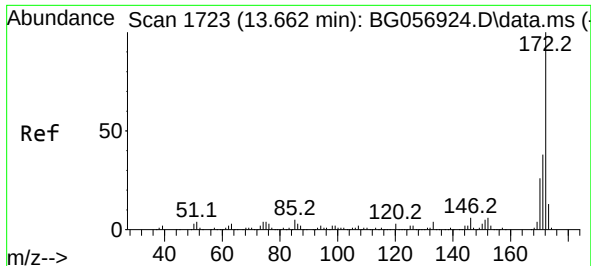
Tgt Ion:164 Resp: 41448
Ion Ratio Lower Upper
164 100
162 102.6 77.8 116.8
160 45.0 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 160.447 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Tgt Ion:330 Resp: 106239
Ion Ratio Lower Upper
330 100
332 95.4 76.1 114.1
141 31.6 25.8 38.6

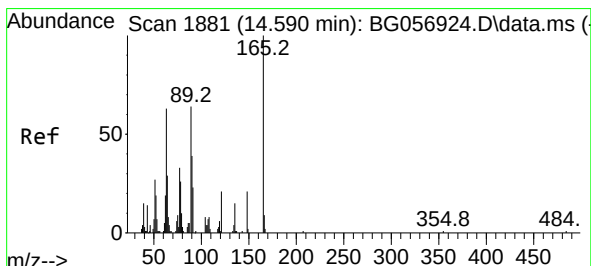
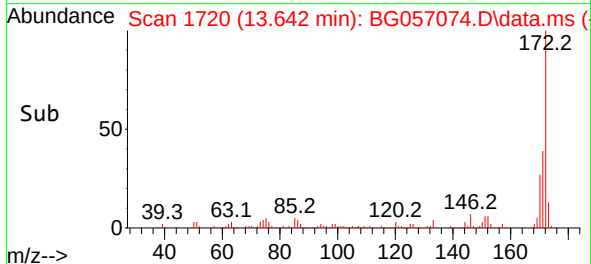
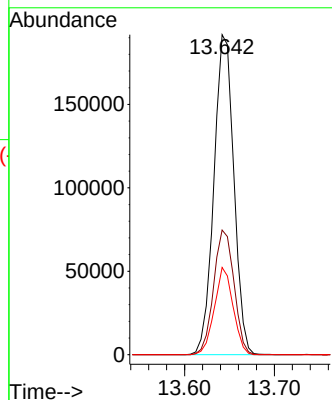
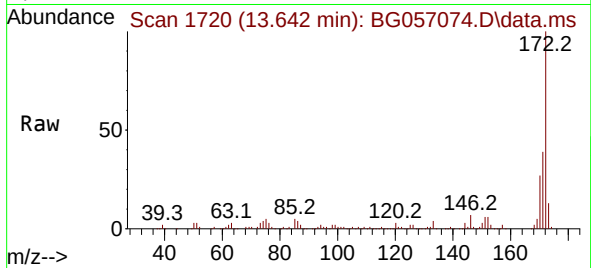




#45
2-Fluorobiphenyl
Concen: 96.768 ng
RT: 13.642 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

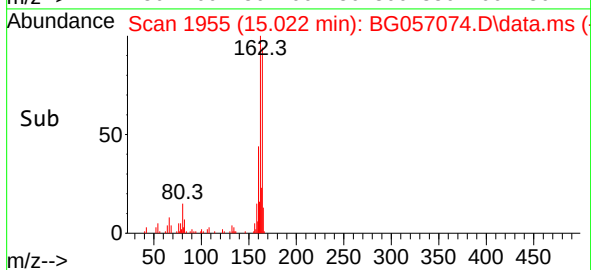
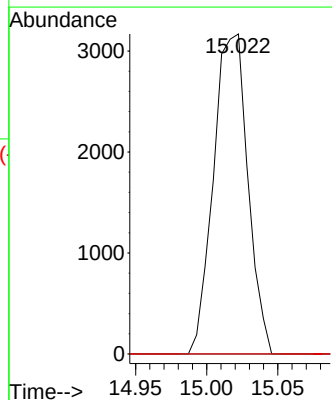
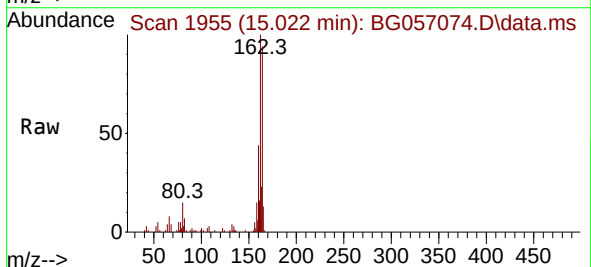
Instrument :
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ClientSampleId :
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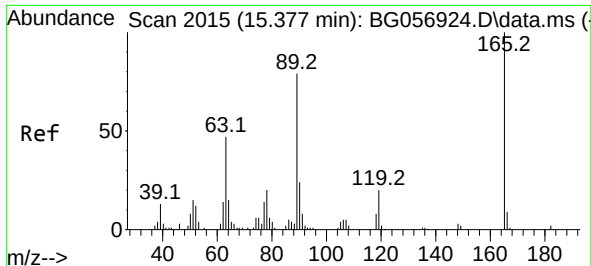
Tgt Ion:172 Resp: 295781
Ion Ratio Lower Upper
172 100
171 38.9 30.6 46.0
170 27.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.554 ng
RT: 15.022 min Scan# 1955
Delta R.T. 0.437 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Tgt Ion:165 Resp: 5330
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.356 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.344 min

Lab File: BG057074.D

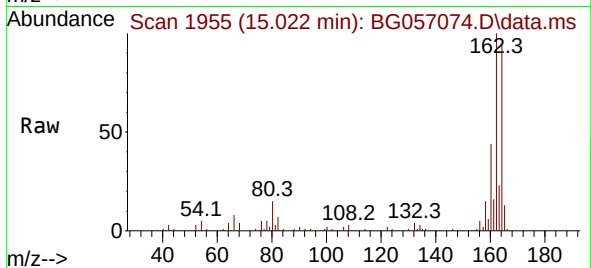
Acq: 12 Apr 2023 22:17

Instrument :

BNA_G

ClientSampleId :

20230323-COMP-1



Tgt Ion:165 Resp: 5330

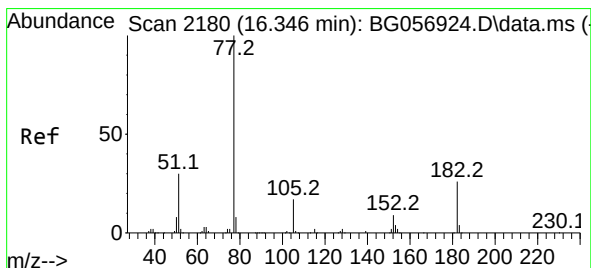
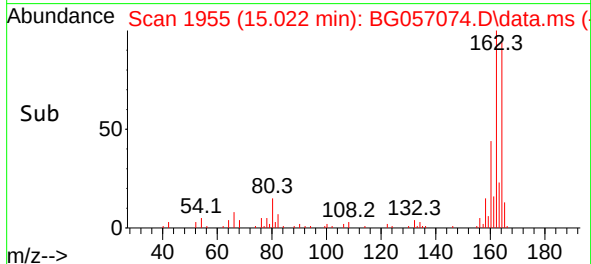
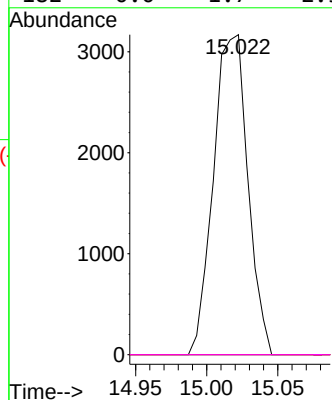
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#63

Azobenzene

Concen: 3.778 ng

RT: 16.356 min Scan# 2182

Delta R.T. 0.020 min

Lab File: BG057074.D

Acq: 12 Apr 2023 22:17

Tgt Ion: 77 Resp: 12327

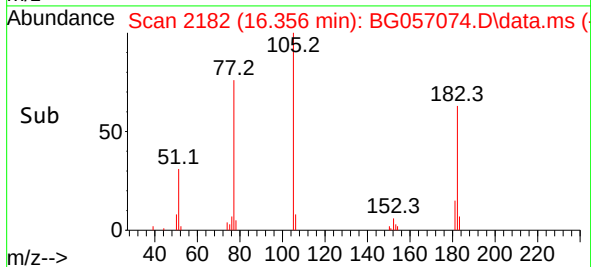
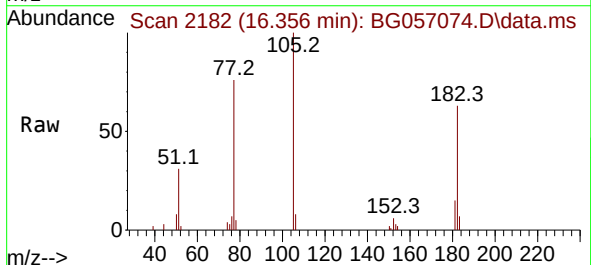
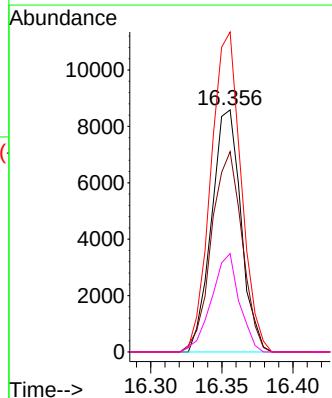
Ion Ratio Lower Upper

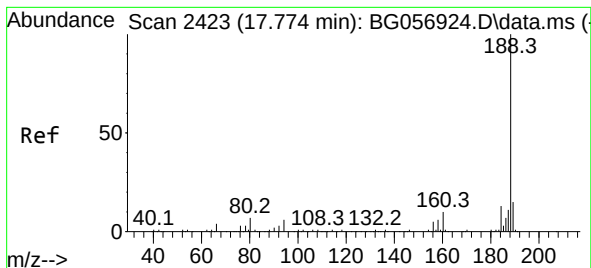
77 100

182 82.7 5.9 45.9#

105 132.2 0.0 36.8#

51 40.6 10.3 50.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG057074.D

Acq: 12 Apr 2023 22:17

Instrument :

BNA_G

ClientSampleId :

20230323-COMP-1

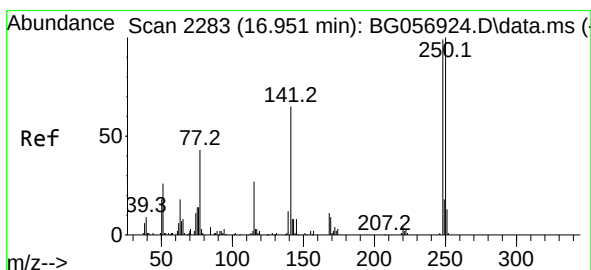
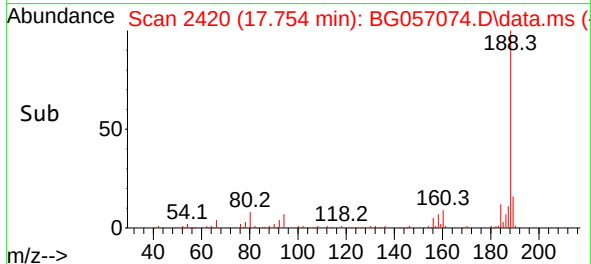
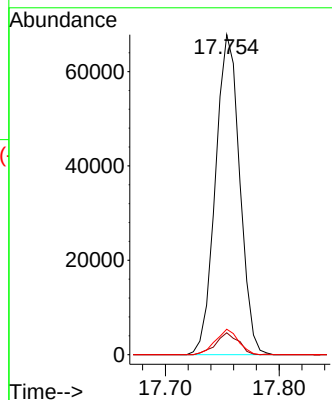
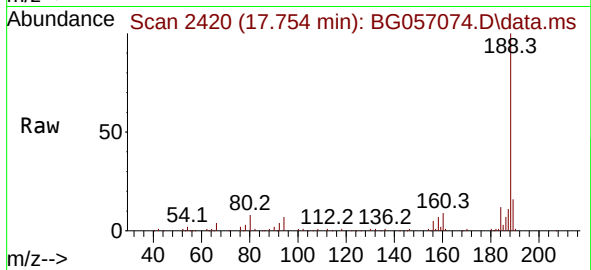
Tgt Ion:188 Resp: 100569

Ion Ratio Lower Upper

188 100

94 6.9 4.6 6.8#

80 7.9 5.5 8.3



#67

4-Bromophenyl-phenylether

Concen: 5.109 ng

RT: 16.497 min Scan# 2206

Delta R.T. -0.438 min

Lab File: BG057074.D

Acq: 12 Apr 2023 22:17

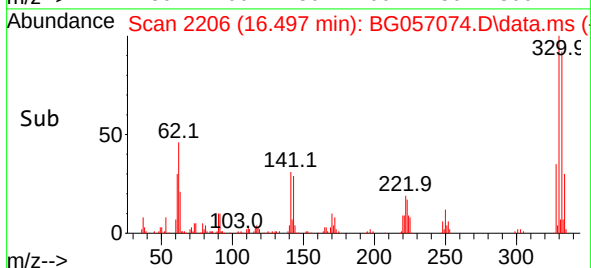
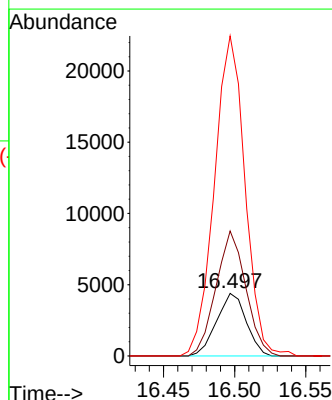
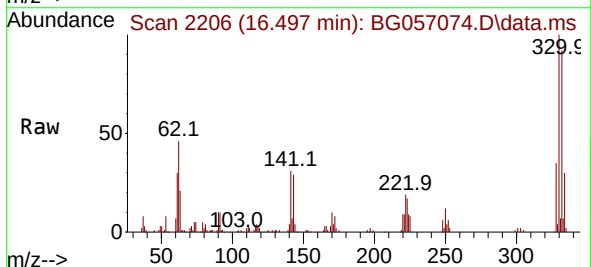
Tgt Ion:248 Resp: 6358

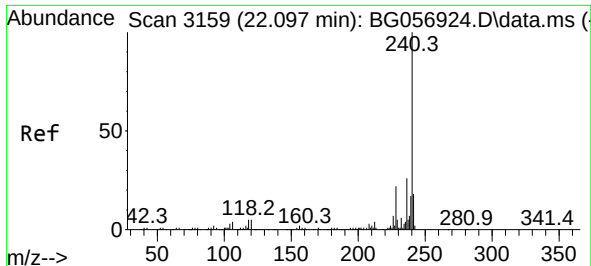
Ion Ratio Lower Upper

248 100

250 199.6 80.5 120.7#

141 510.9 52.0 78.0#

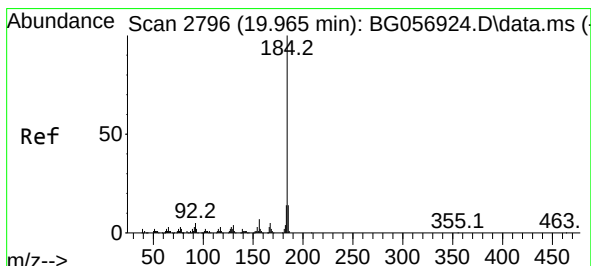
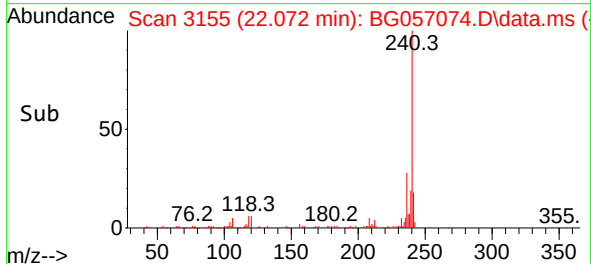
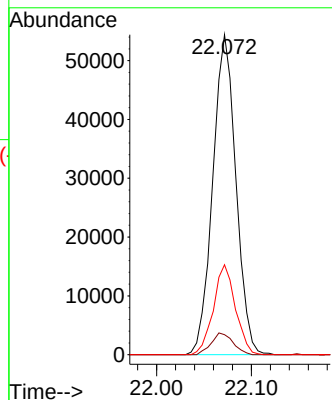
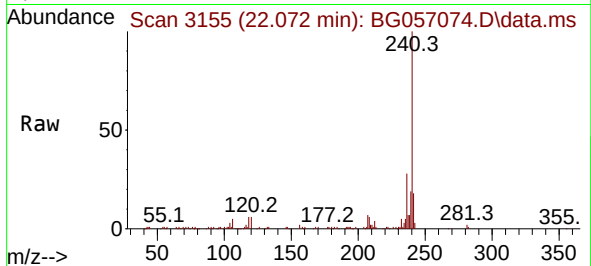




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3159
Delta R.T. -0.009 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

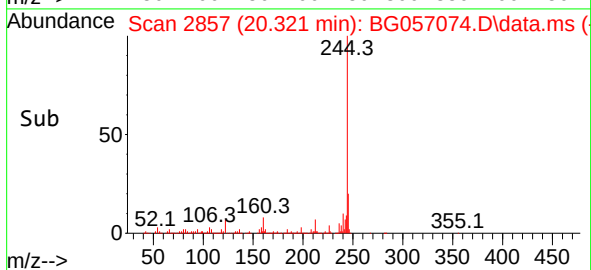
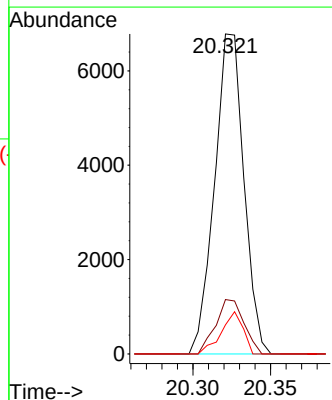
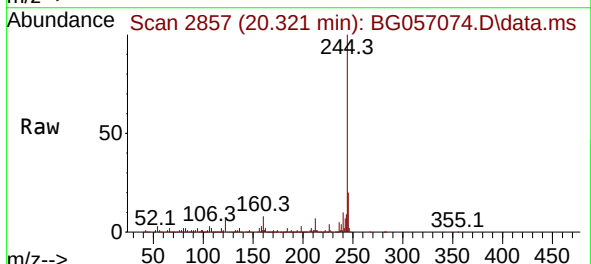
Instrument :
BNA_G
ClientSampleId :
20230323-COMP-1

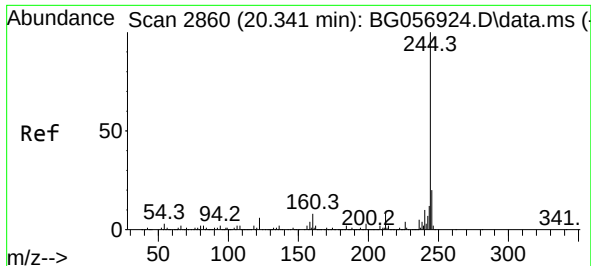
Tgt Ion:240 Resp: 92406
Ion Ratio Lower Upper
240 100
120 6.3 3.8 5.6#
236 28.1 21.0 31.6



#77
Benzidine
Concen: 3.530 ng
RT: 20.321 min Scan# 2857
Delta R.T. 0.367 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Tgt Ion:184 Resp: 8917
Ion Ratio Lower Upper
184 100
185 17.0 11.0 16.4#
183 9.1 11.4 17.0#

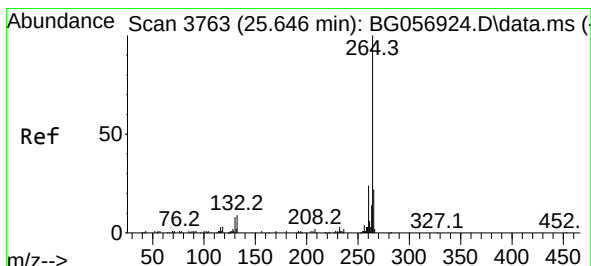
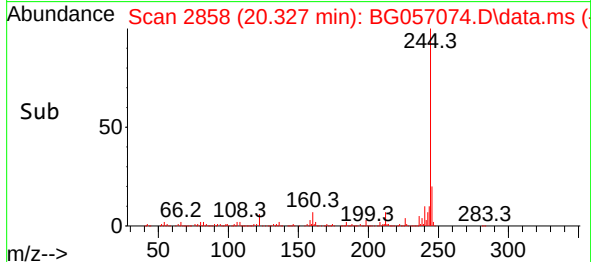
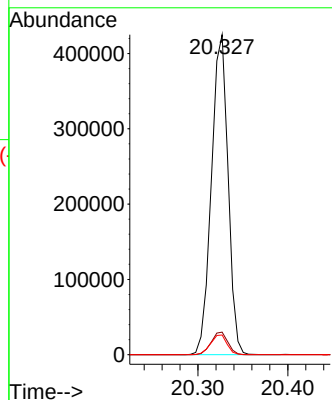
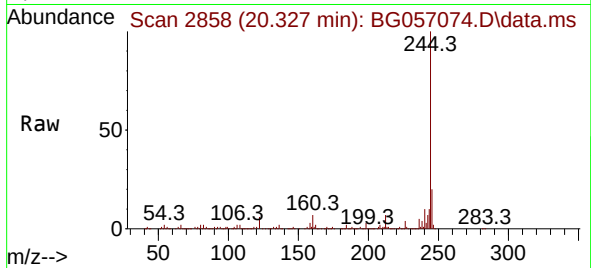




#79
 Terphenyl-d14
 Concen: 99.970 ng
 RT: 20.327 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057074.D
 Acq: 12 Apr 2023 22:17

Instrument :
 BNA_G
 ClientSampleId :
 20230323-COMP-1

Tgt Ion:244 Resp: 545917
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.602 min Scan# 3756
 Delta R.T. -0.009 min
 Lab File: BG057074.D
 Acq: 12 Apr 2023 22:17

Tgt Ion:264 Resp: 101477
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.4
 265 22.4 17.8 26.6

