

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057102.D
 Acq On : 14 Apr 2023 16:22
 Operator : CG/JU
 Sample : 02347-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230337-COMP-15

Quant Time: Apr 14 17:28:20 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)

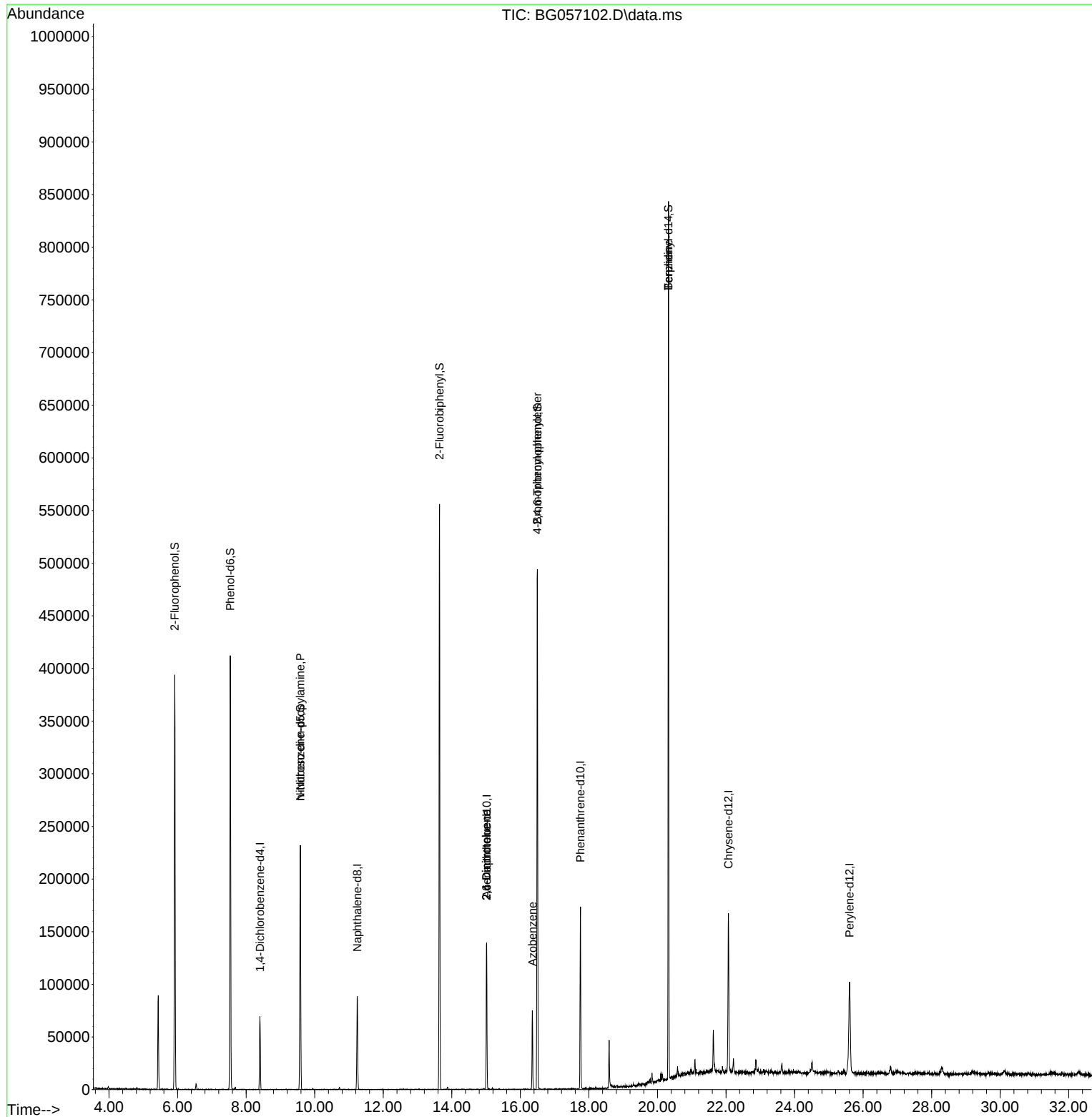
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	19086	20.000	ng	0.00
21) Naphthalene-d8	11.239	136	74872	20.000	ng	# 0.00
39) Acenaphthene-d10	15.017	164	49491	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	109585	20.000	ng	0.00
76) Chrysene-d12	22.072	240	94157	20.000	ng	0.00
86) Perylene-d12	25.602	264	102601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	168813	141.557	ng	0.00
7) Phenol-d6	7.539	99	235104	131.815	ng	0.00
23) Nitrobenzene-d5	9.583	82	151057	82.553	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	104635	132.343	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	281028	76.999	ng	0.00
79) Terphenyl-d14	20.321	244	402808	72.391	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.583	70	21139	16.570	ng	# 77
51) 2,6-Dinitrotoluene	15.011	165	6929	8.224	ng	# 18
57) 2,4-Dinitrotoluene	15.011	165	6929	5.831	ng	# 18
63) Azobenzene	16.350	77	22599	5.801	ng	# 1
67) 4-Bromophenyl-phenylether	16.491	248	6637	4.895	ng	# 1
77) Benzidine	20.321	184	6386	2.481	ng	# 92

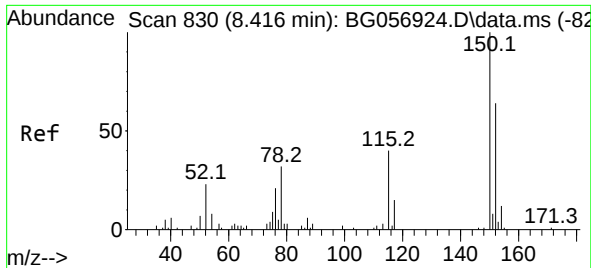
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
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Quant Time: Apr 14 17:28:20 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

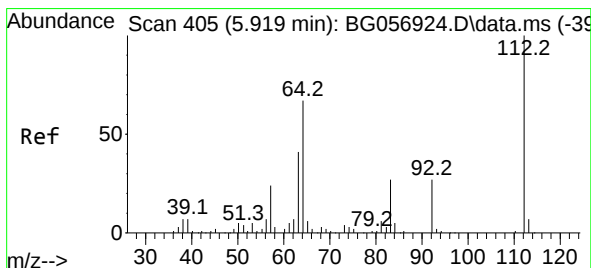
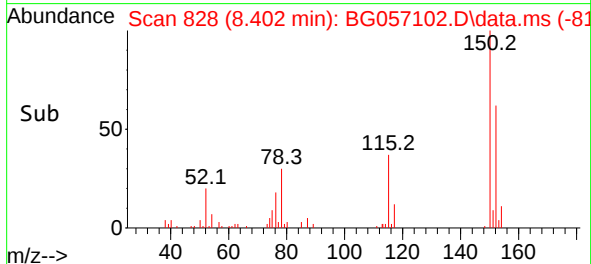
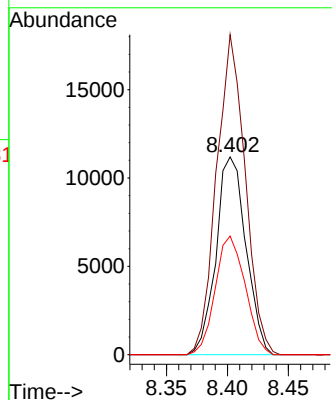
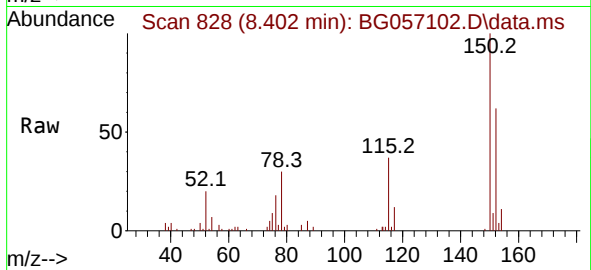




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

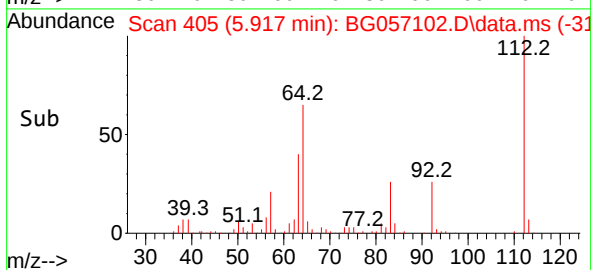
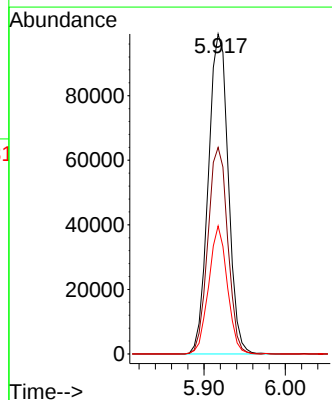
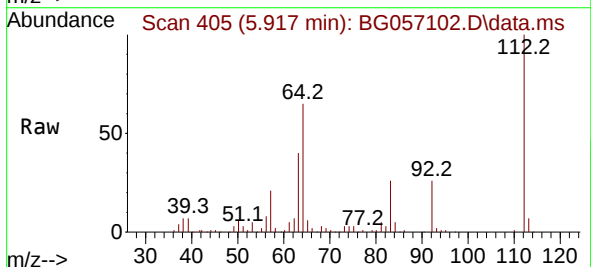
Instrument :
BNA_G
ClientSampleId :
20230337-COMP-15

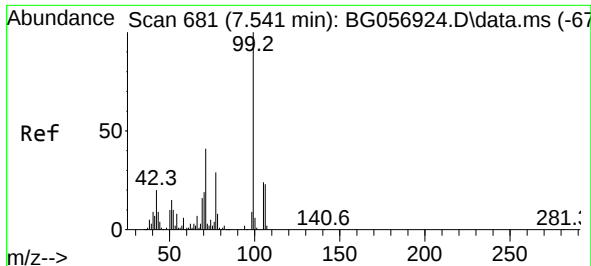
Tgt Ion:152 Resp: 19086
Ion Ratio Lower Upper
152 100
150 161.9 124.1 186.1
115 60.0 49.1 73.7



#5
2-Fluorophenol
Concen: 141.557 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

Tgt Ion:112 Resp: 168813
Ion Ratio Lower Upper
112 100
64 64.6 53.2 79.8
63 40.0 32.6 48.8

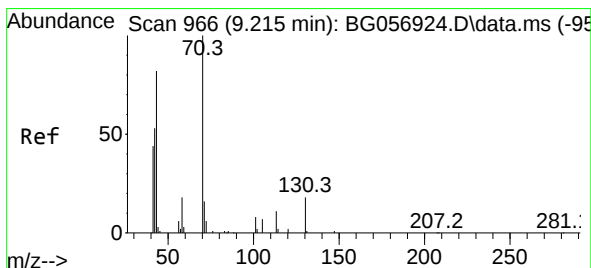
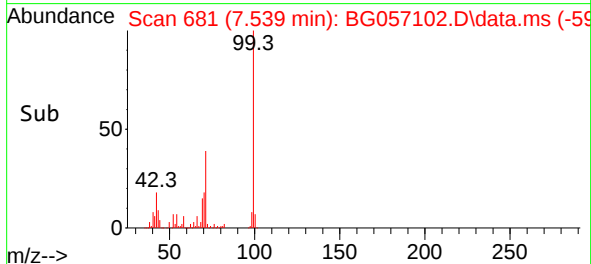
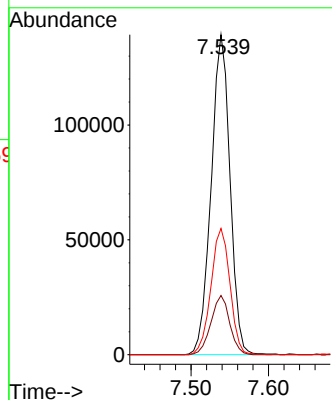
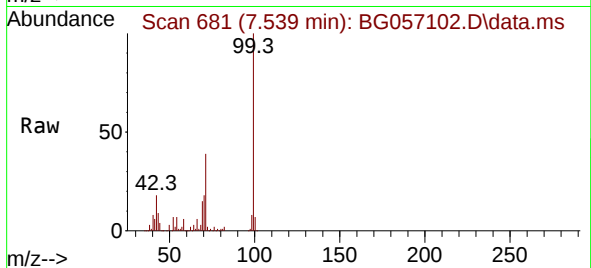




#7
Phenol-d6
Concen: 131.815 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

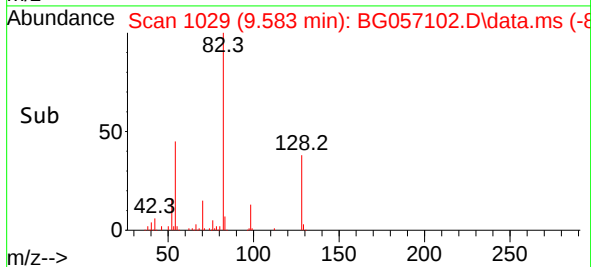
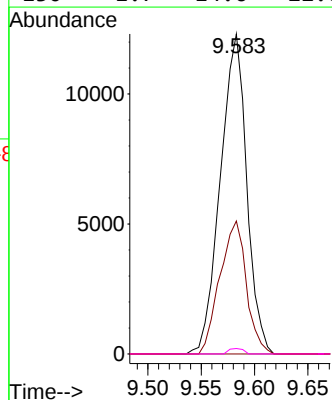
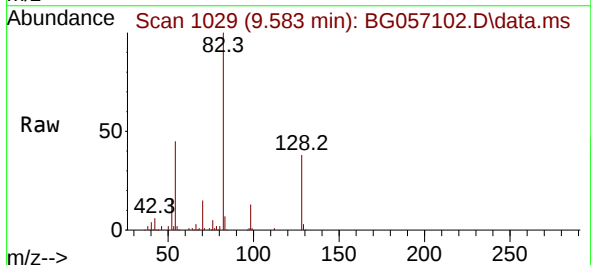
Instrument :
BNA_G
ClientSampleId :
20230337-COMP-15

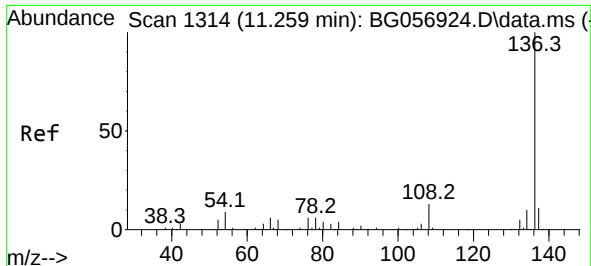
Tgt Ion: 99 Resp: 235104
Ion Ratio Lower Upper
99 100
42 18.5 15.7 23.5
71 39.5 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.570 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.373 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

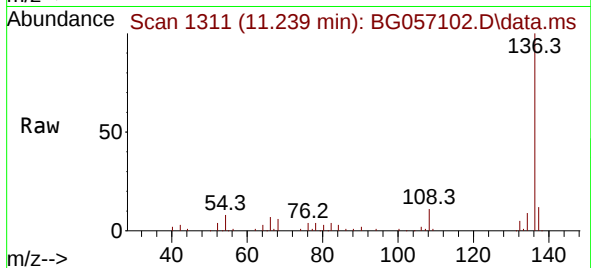
Tgt Ion: 70 Resp: 21139
Ion Ratio Lower Upper
70 100
42 41.5 43.4 65.0#
101 0.0 6.2 9.2#
130 1.7 14.6 22.0#



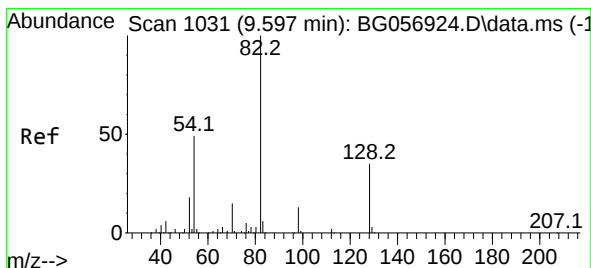
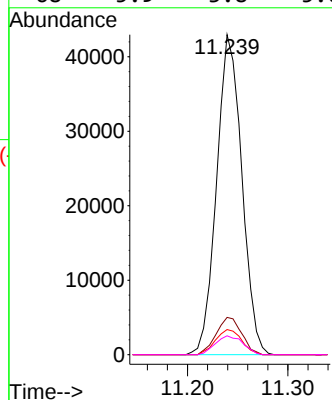
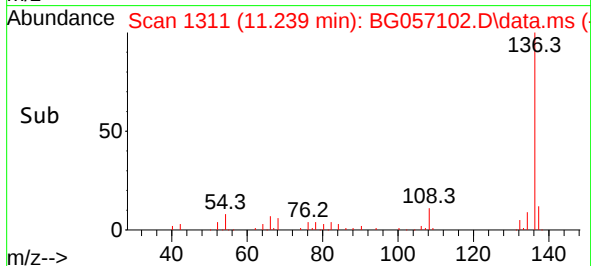


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

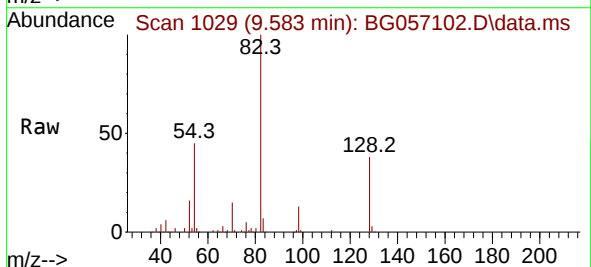
Instrument :
BNA_G
ClientSampleId :
20230337-COMP-15



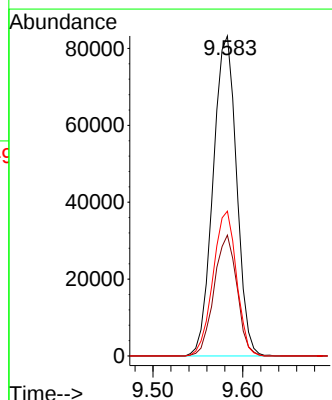
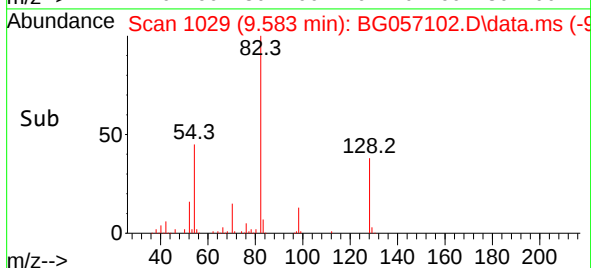
Tgt Ion:136 Resp: 74872
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 7.8 6.9 10.3
68 5.9 3.8 5.6#

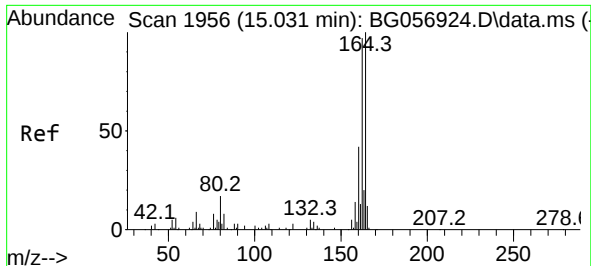


#23
Nitrobenzene-d5
Concen: 82.553 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22



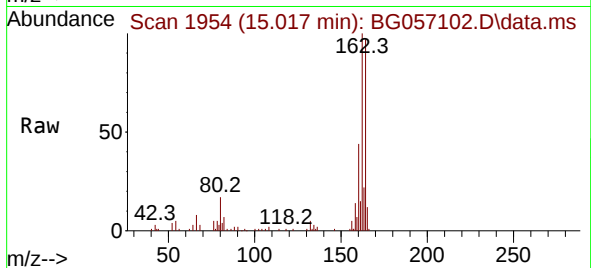
Tgt Ion: 82 Resp: 151057
Ion Ratio Lower Upper
82 100
128 37.8 27.9 41.9
54 45.3 39.4 59.2



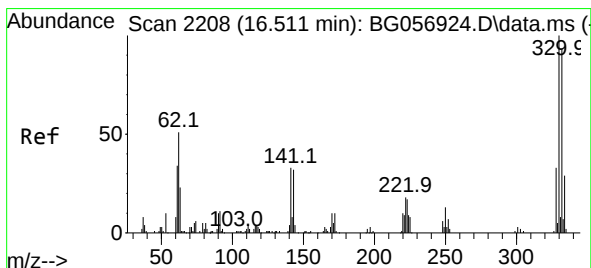
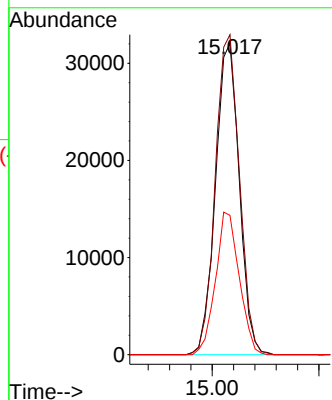
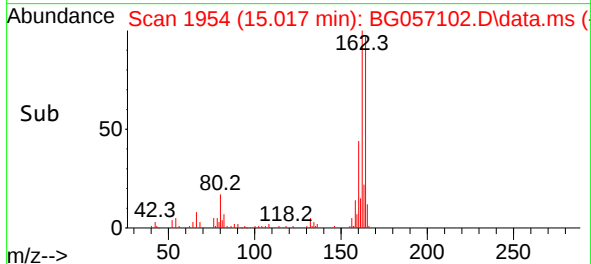


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

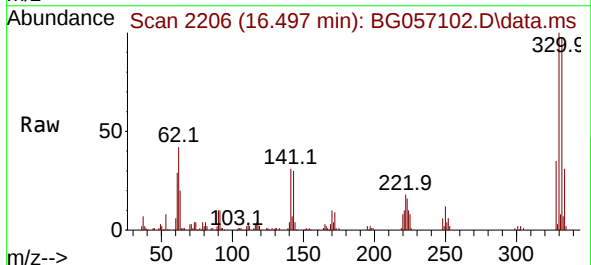
Instrument :
BNA_G
ClientSampleId :
20230337-COMP-15



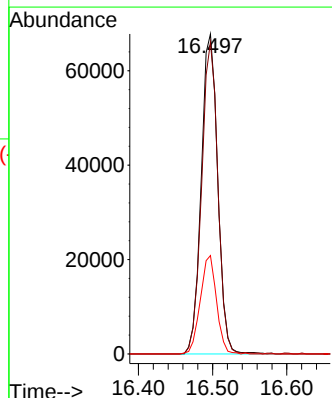
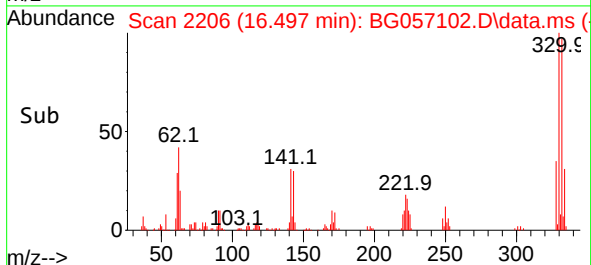
Tgt Ion:164 Resp: 49491
Ion Ratio Lower Upper
164 100
162 102.7 77.8 116.8
160 44.8 33.5 50.3

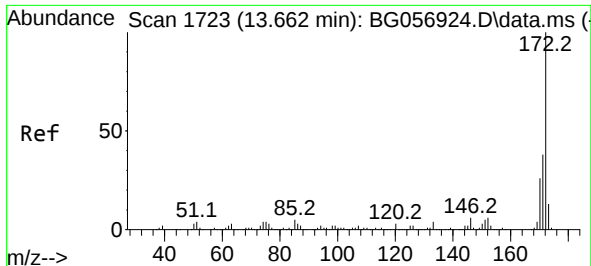


#42
2,4,6-Tribromophenol
Concen: 132.343 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22



Tgt Ion:330 Resp: 104635
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 30.2 25.8 38.6

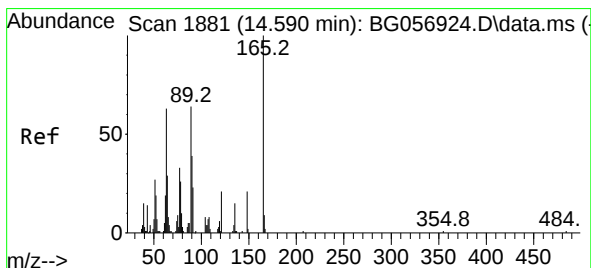
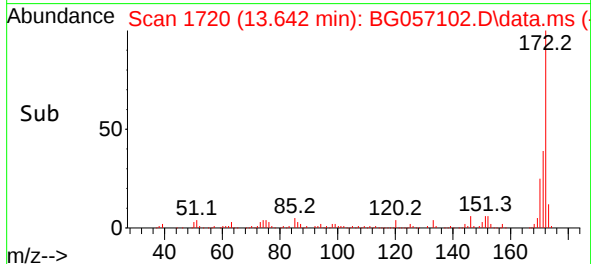
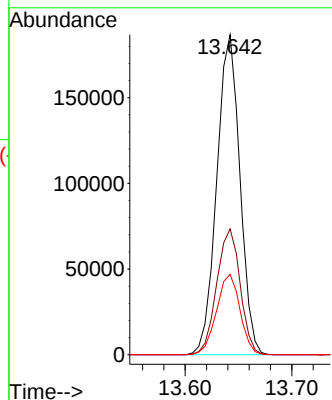
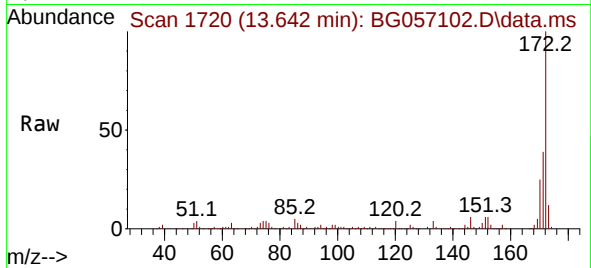




#45
2-Fluorobiphenyl
Concen: 76.999 ng
RT: 13.642 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

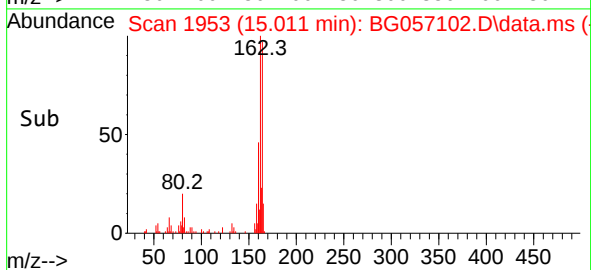
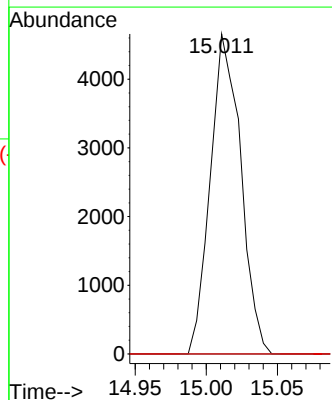
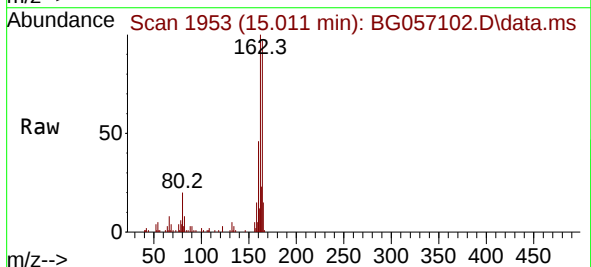
Instrument :
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ClientSampleId :
20230337-COMP-15

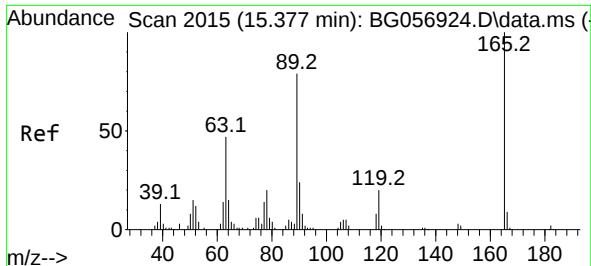
Tgt Ion:172 Resp: 281028
Ion Ratio Lower Upper
172 100
171 39.3 30.6 46.0
170 25.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.224 ng
RT: 15.011 min Scan# 1953
Delta R.T. 0.426 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

Tgt Ion:165 Resp: 6929
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: 5.831 ng

RT: 15.011 min Scan# 1953

Delta R.T. -0.356 min

Lab File: BG057102.D

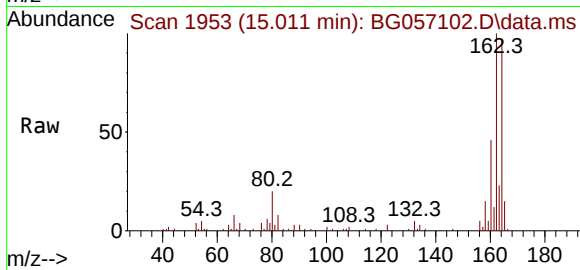
Acq: 14 Apr 2023 16:22

Instrument :

BNA_G

ClientSampleId :

20230337-COMP-15



Tgt Ion:165 Resp: 6929

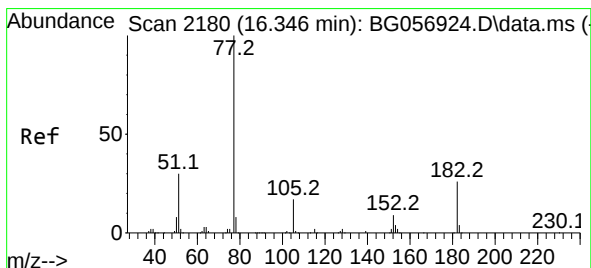
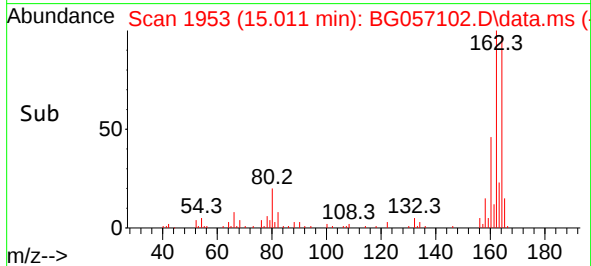
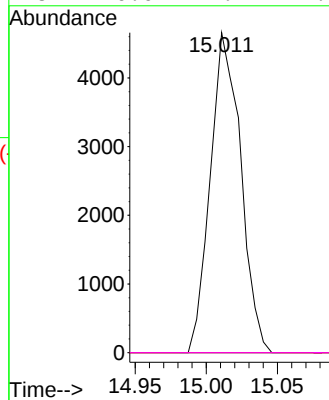
Ion Ratio Lower Upper

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: 5.801 ng

RT: 16.350 min Scan# 2181

Delta R.T. 0.014 min

Lab File: BG057102.D

Acq: 14 Apr 2023 16:22

Tgt Ion: 77 Resp: 22599

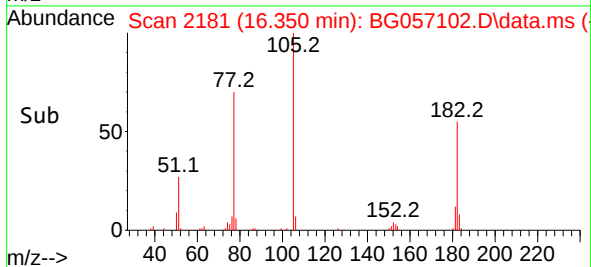
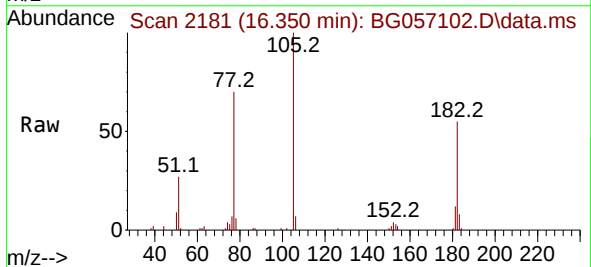
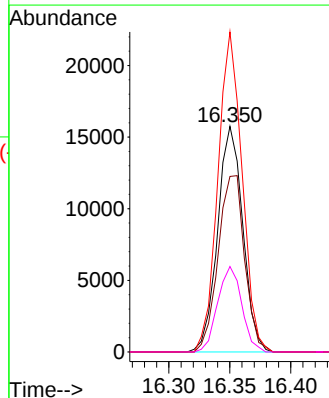
Ion Ratio Lower Upper

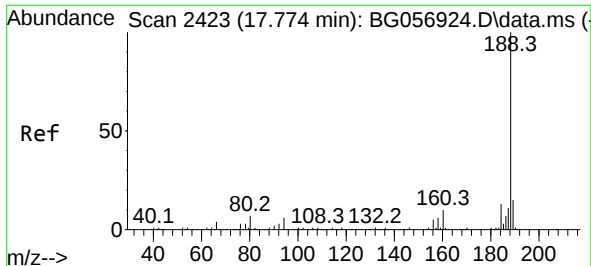
77 100

182 77.8 5.9 45.9#

105 141.8 0.0 36.8#

51 37.9 10.3 50.3

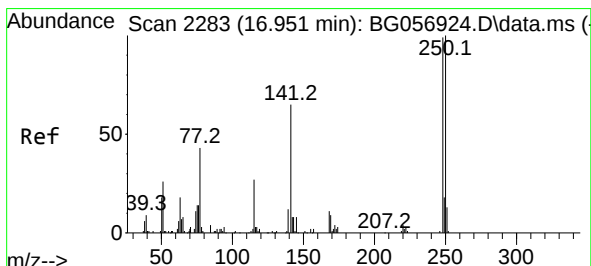
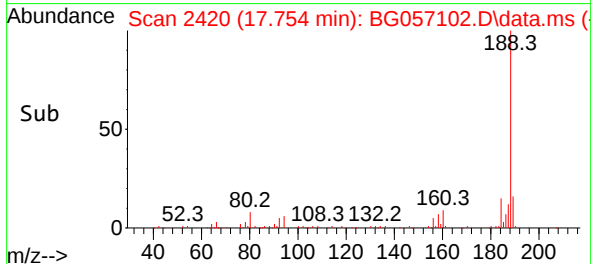
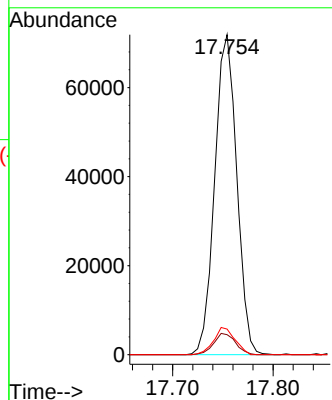
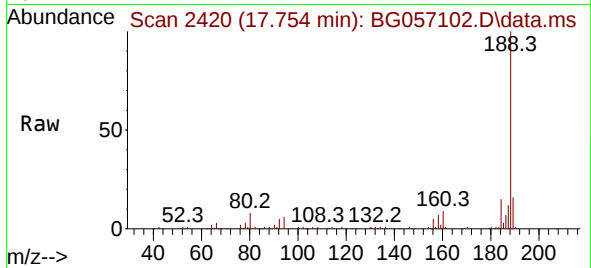




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

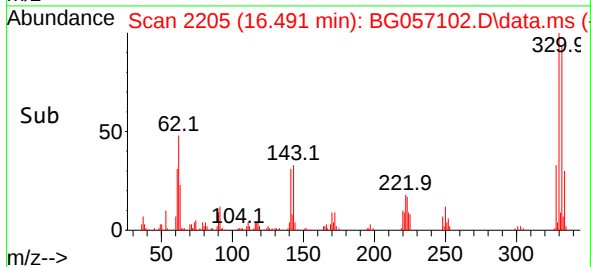
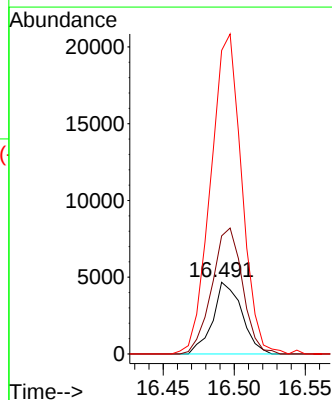
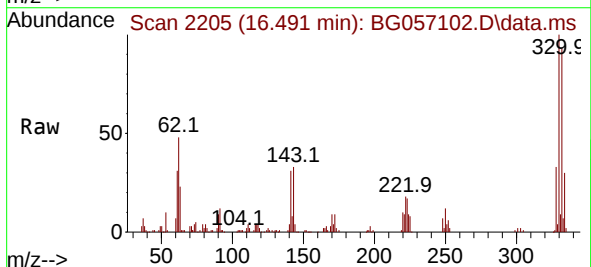
Instrument :
BNA_G
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20230337-COMP-15

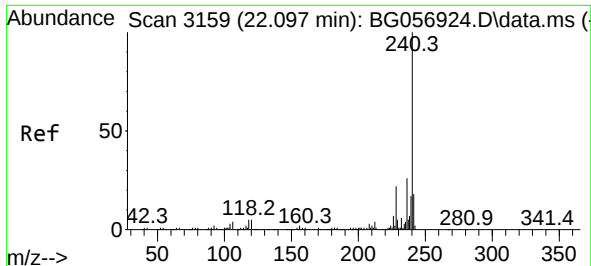
Tgt Ion:188 Resp: 109585
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 8.0 5.5 8.3



#67
4-Bromophenyl-phenylether
Concen: 4.895 ng
RT: 16.491 min Scan# 2205
Delta R.T. -0.444 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

Tgt Ion:248 Resp: 6637
Ion Ratio Lower Upper
248 100
250 164.8 80.5 120.7#
141 423.4 52.0 78.0#

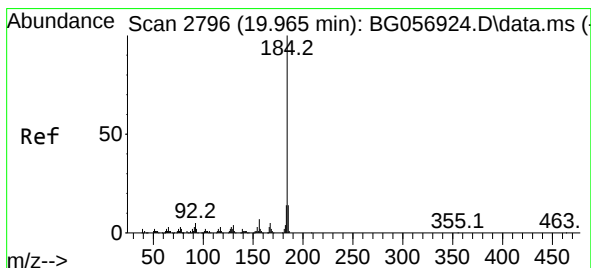
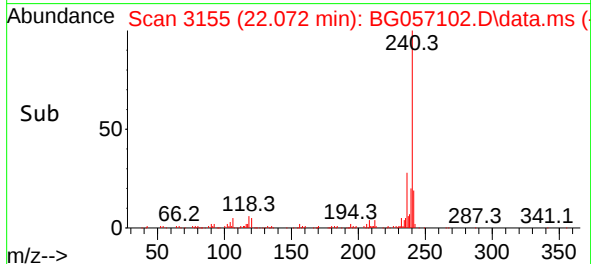
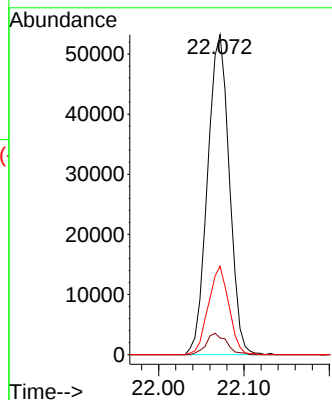
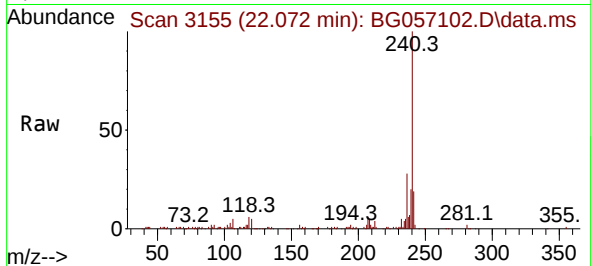




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3159
Delta R.T. -0.009 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

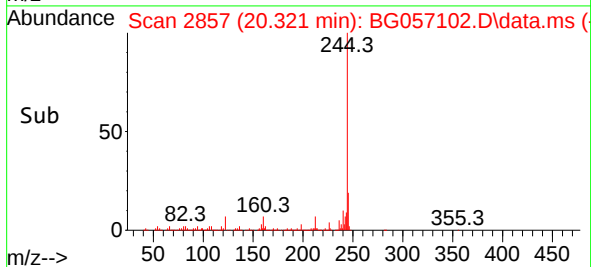
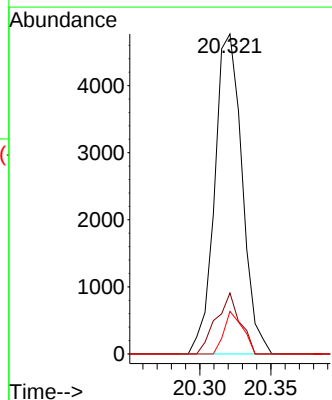
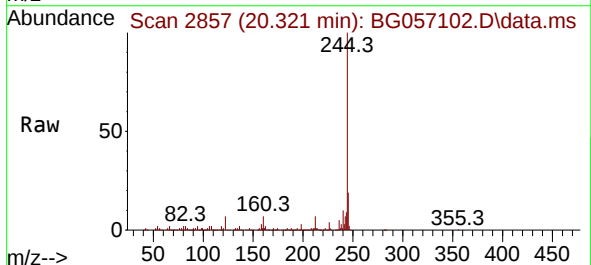
Instrument :
BNA_G
ClientSampleId :
20230337-COMP-15

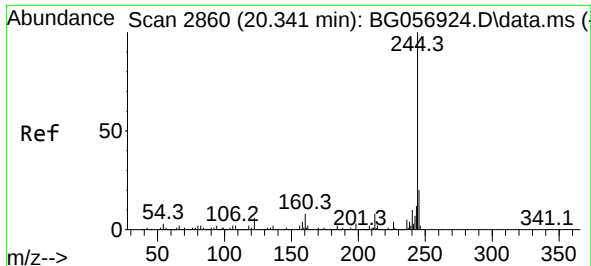
Tgt Ion:240 Resp: 94157
Ion Ratio Lower Upper
240 100
120 5.3 3.8 5.6
236 27.6 21.0 31.6



#77
Benzidine
Concen: 2.481 ng
RT: 20.321 min Scan# 2857
Delta R.T. 0.367 min
Lab File: BG057102.D
Acq: 14 Apr 2023 16:22

Tgt Ion:184 Resp: 6386
Ion Ratio Lower Upper
184 100
185 19.0 11.0 16.4#
183 13.3 11.4 17.0

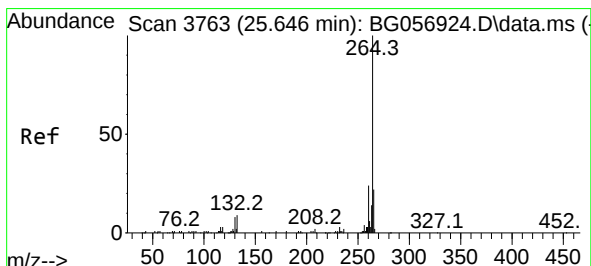
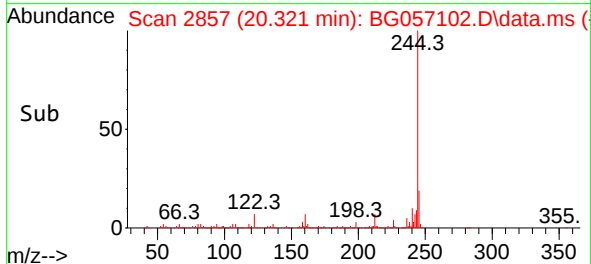
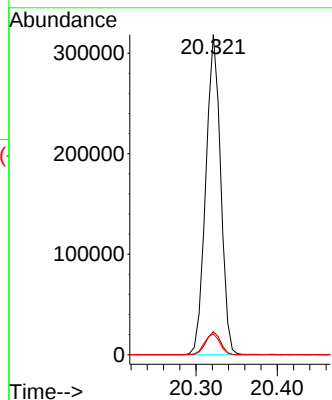
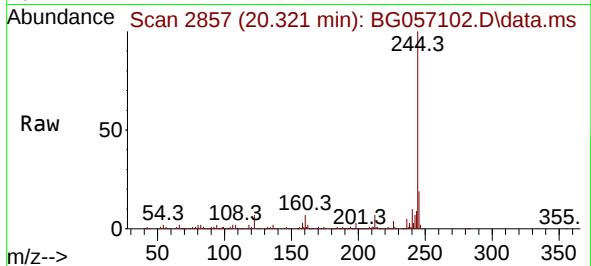




#79
 Terphenyl-d14
 Concen: 72.391 ng
 RT: 20.321 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057102.D
 Acq: 14 Apr 2023 16:22

Instrument :
 BNA_G
 ClientSampleId :
 20230337-COMP-15

Tgt Ion:244 Resp: 402808
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.5 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: BG057102.D
 Acq: 14 Apr 2023 16:22

Tgt Ion:264 Resp: 102601
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 20.9 17.8 26.6

