

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057816.D
 Acq On : 22 Jun 2023 20:17
 Operator : CG/JU
 Sample : PB153530TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153530TB

Quant Time: Jun 23 03:45:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

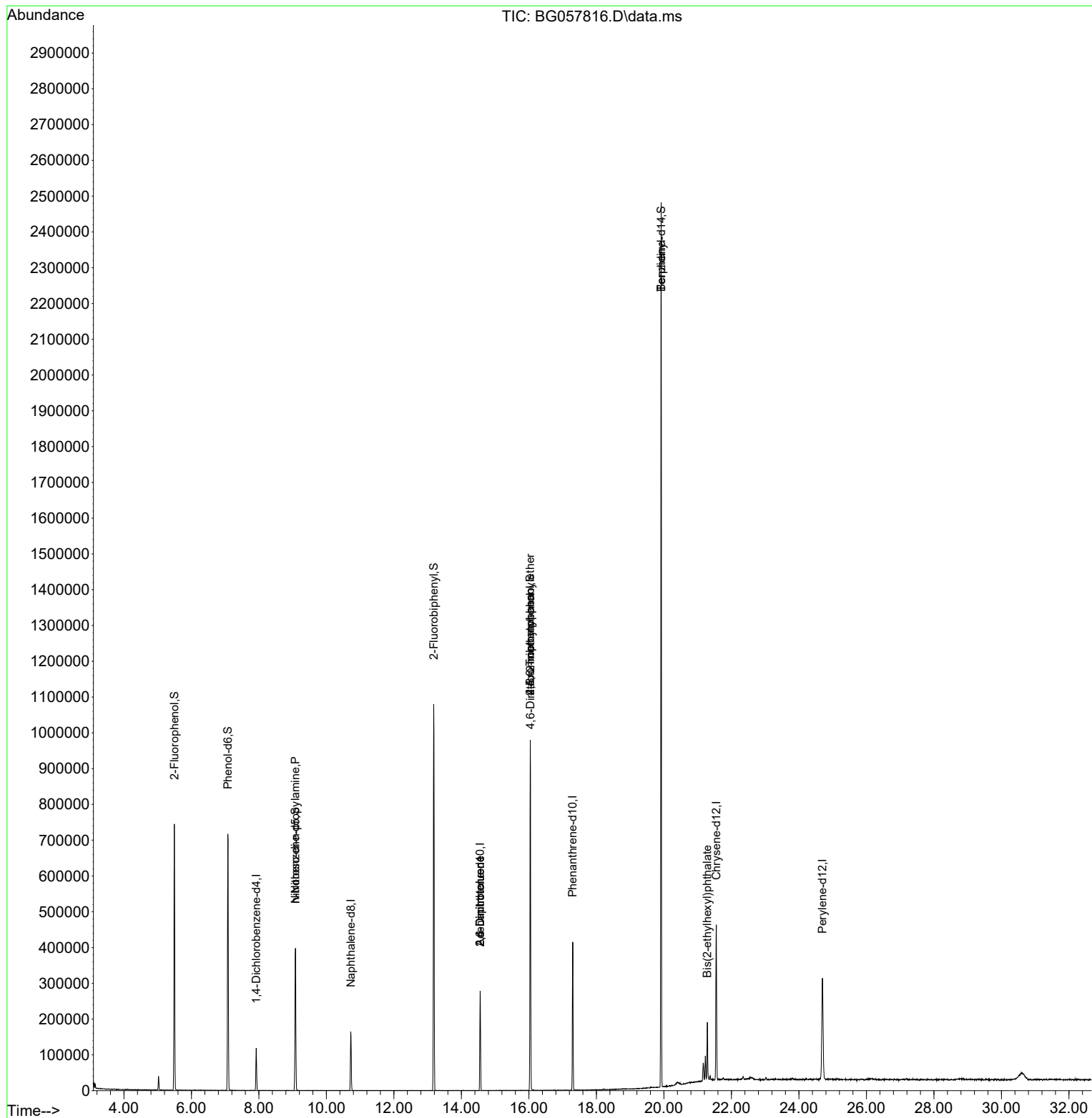
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	31335	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	138341	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	100188	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	262633	20.000	ng	0.00
76) Chrysene-d12	21.550	240	254543	20.000	ng	0.00
86) Perylene-d12	24.694	264	307304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	301928	148.570	ng	0.00
7) Phenol-d6	7.079	99	427216	137.773	ng	0.00
23) Nitrobenzene-d5	9.083	82	239316	88.785	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	200573	143.717	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	579361	87.709	ng	0.00
79) Terphenyl-d14	19.917	244	1215670	89.055	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.083	70	30195	13.967	ng	# 74
51) 2,6-Dinitrotoluene	14.553	165	12718	8.975	ng	# 18
57) 2,4-Dinitrotoluene	14.553	165	12718	6.618	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.045	198	454	5.646	ng	# 1
67) 4-Bromophenyl-phenylether	16.039	248	13122	4.711	ng	# 1
77) Benzidine	19.917	184	16159	2.708	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.286	149	67291	6.710	ng	# 52

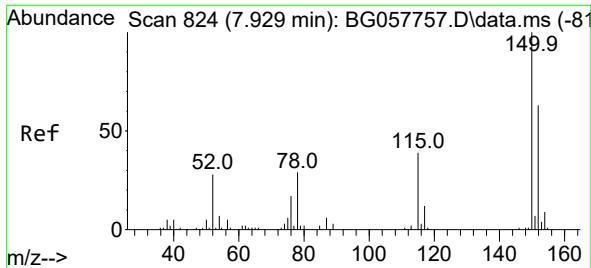
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
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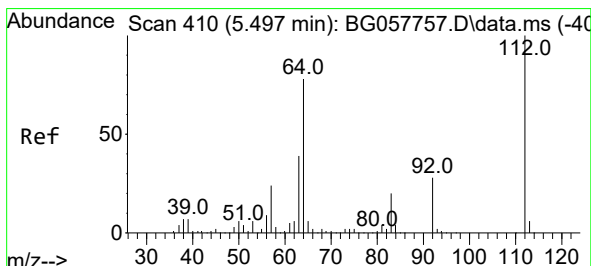
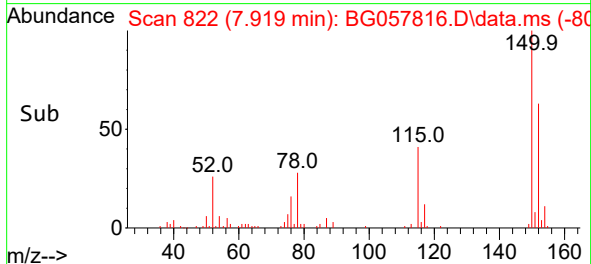
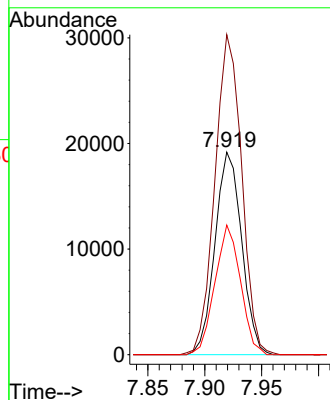
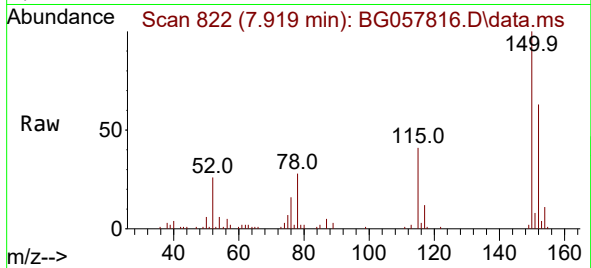




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

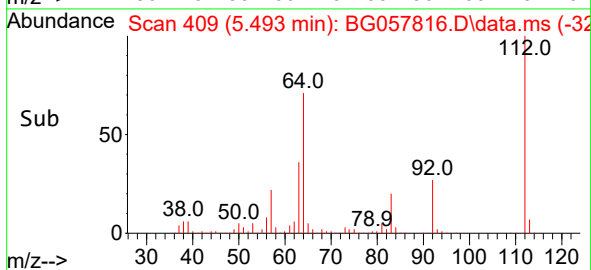
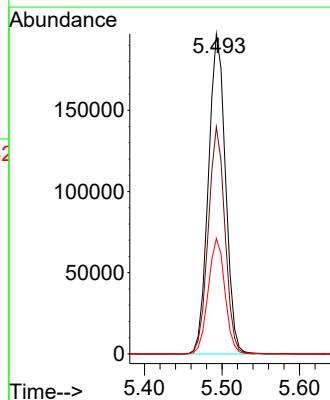
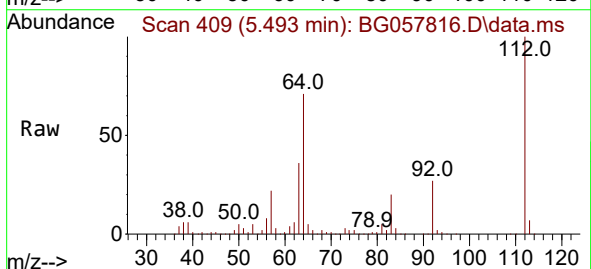
Instrument :
BNA_G
ClientSampleId :
PB153530TB

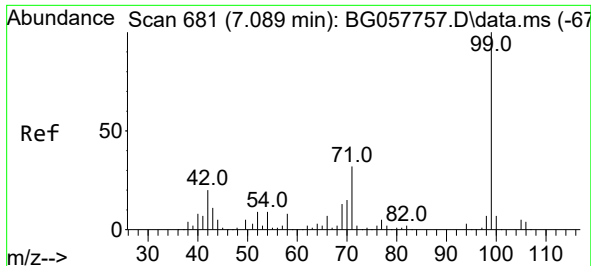
Tgt Ion:152 Resp: 31335
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 64.0 48.9 73.3



#5
2-Fluorophenol
Concen: 148.570 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

Tgt Ion:112 Resp: 301928
Ion Ratio Lower Upper
112 100
64 71.0 62.1 93.1
63 36.1 31.5 47.3

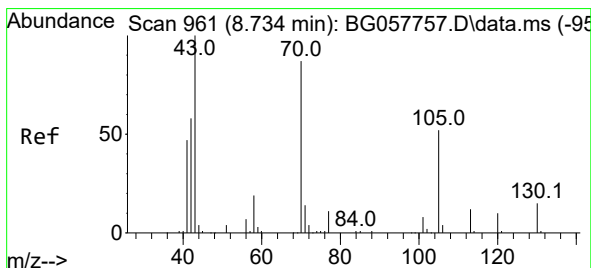
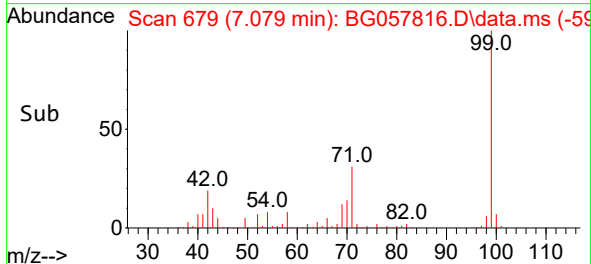
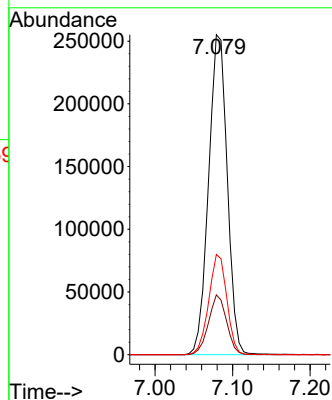
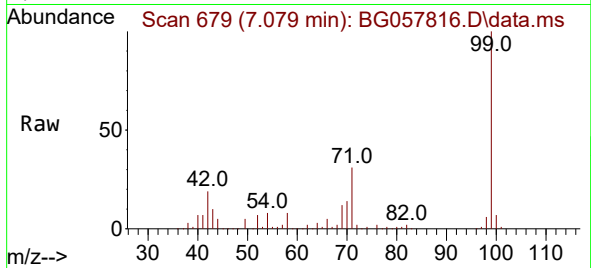




#7
Phenol-d6
Concen: 137.773 ng
RT: 7.079 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

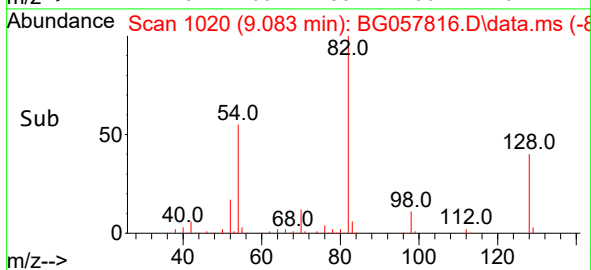
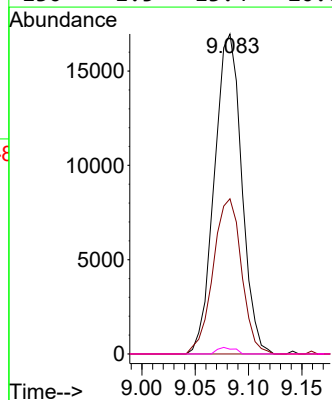
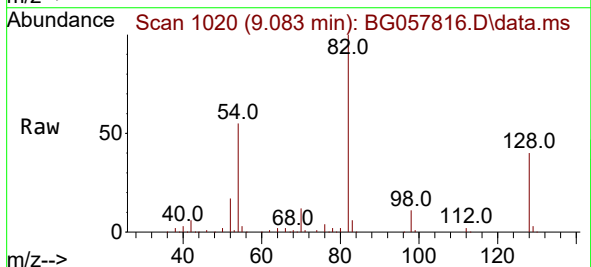
Instrument :
BNA_G
ClientSampleId :
PB153530TB

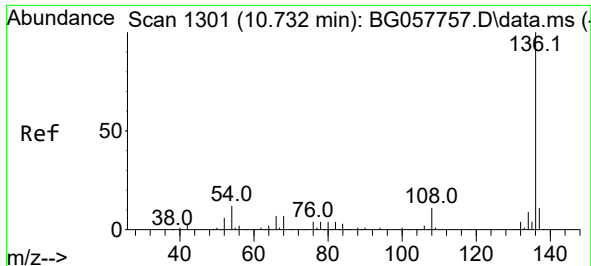
Tgt Ion: 99 Resp: 427216
Ion Ratio Lower Upper
99 100
42 18.7 16.4 24.6
71 31.3 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.967 ng
RT: 9.083 min Scan# 1020
Delta R.T. 0.348 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

Tgt Ion: 70 Resp: 30195
Ion Ratio Lower Upper
70 100
42 48.5 54.2 81.2#
101 0.0 7.4 11.0#
130 1.5 13.4 20.0#

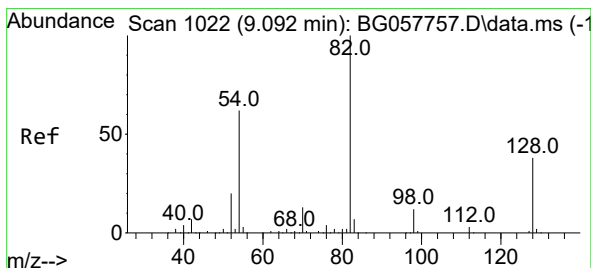
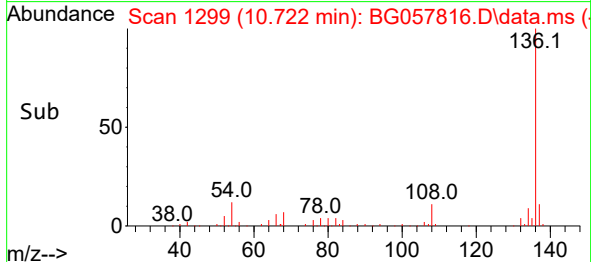
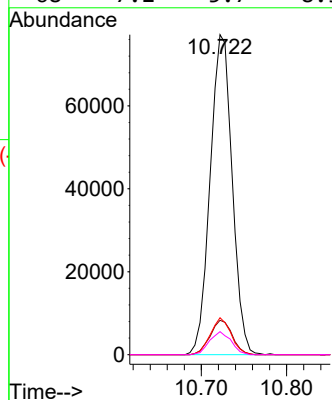
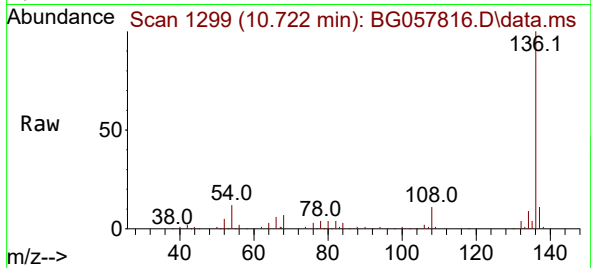




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

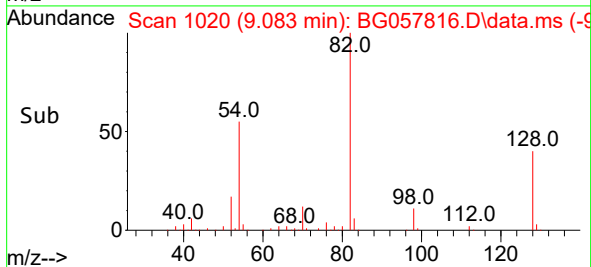
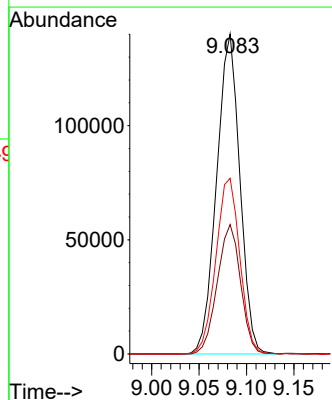
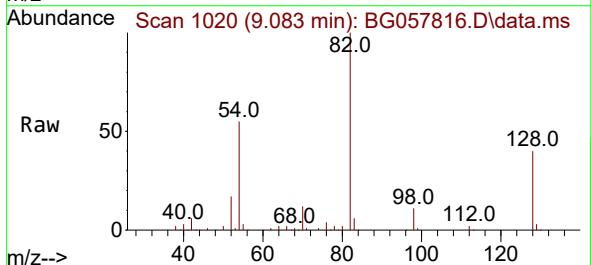
Instrument :
BNA_G
ClientSampleId :
PB153530TB

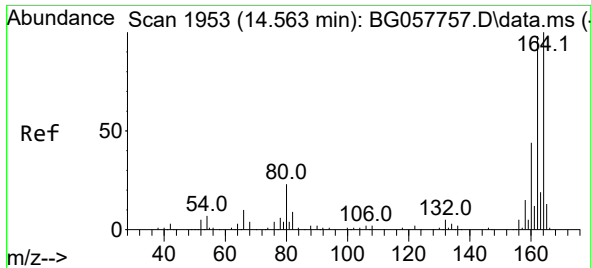
Tgt Ion:136 Resp: 138341
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.6 9.5 14.3
68 7.2 5.7 8.5



#23
Nitrobenzene-d5
Concen: 88.785 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

Tgt Ion: 82 Resp: 239316
Ion Ratio Lower Upper
82 100
128 40.5 30.7 46.1
54 54.9 49.6 74.4

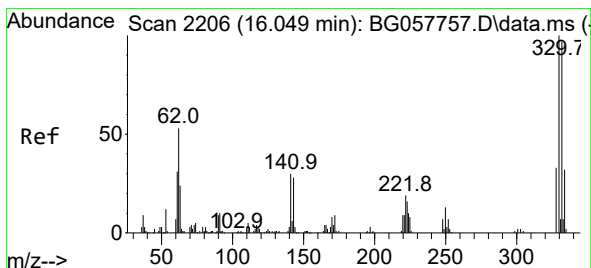
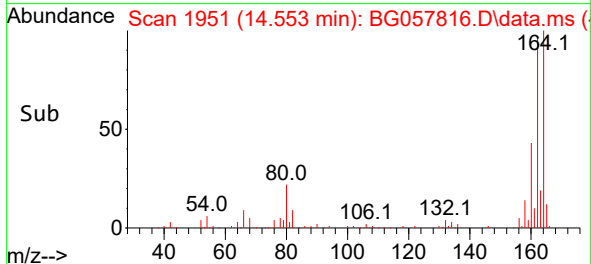
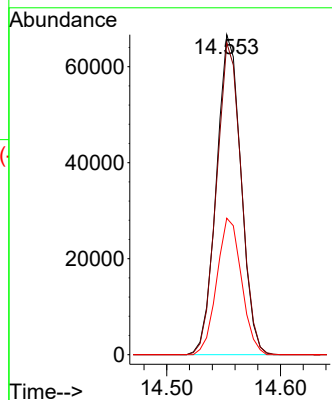
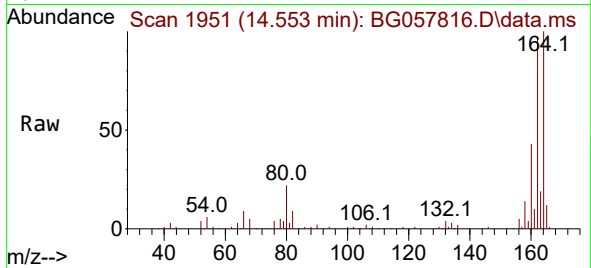




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.553 min Scan# 1951
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

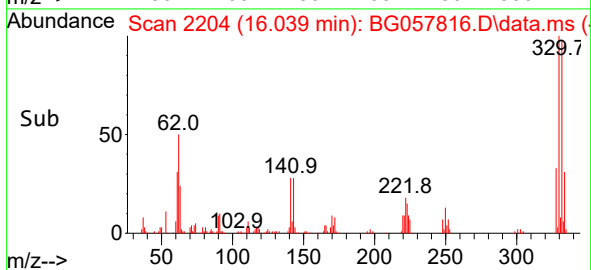
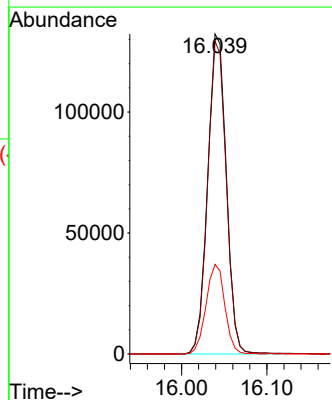
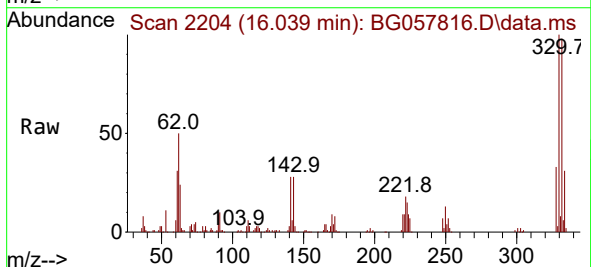
Instrument :
BNA_G
ClientSampleId :
PB153530TB

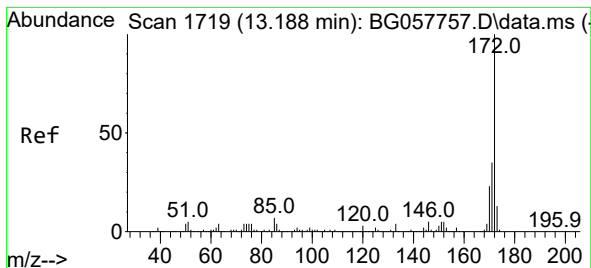
Tgt Ion:164 Resp: 100188
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 42.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 143.717 ng
RT: 16.039 min Scan# 2204
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

Tgt Ion:330 Resp: 200573
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 28.1 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 87.709 ng

RT: 13.178 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG057816.D

Acq: 22 Jun 2023 20:17

Instrument :

BNA_G

ClientSampleId :

PB153530TB

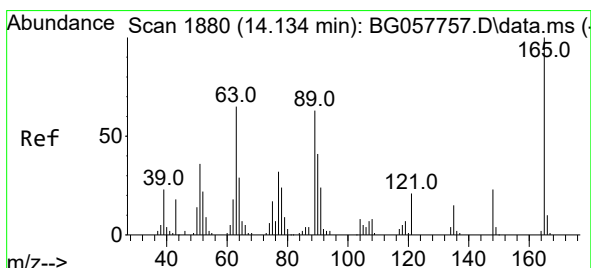
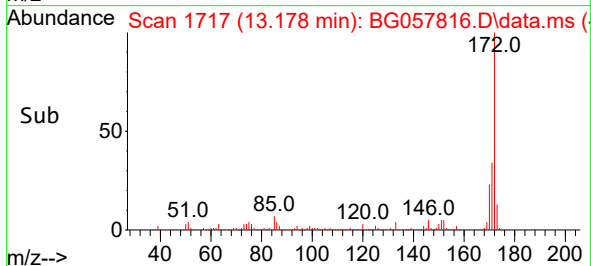
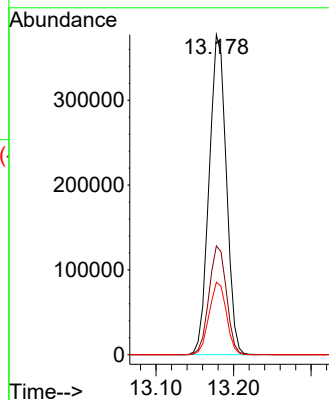
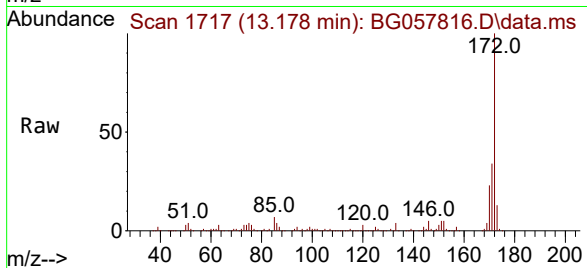
Tgt Ion:172 Resp: 579361

Ion Ratio Lower Upper

172 100

171 34.0 28.1 42.1

170 22.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.975 ng

RT: 14.553 min Scan# 1951

Delta R.T. 0.419 min

Lab File: BG057816.D

Acq: 22 Jun 2023 20:17

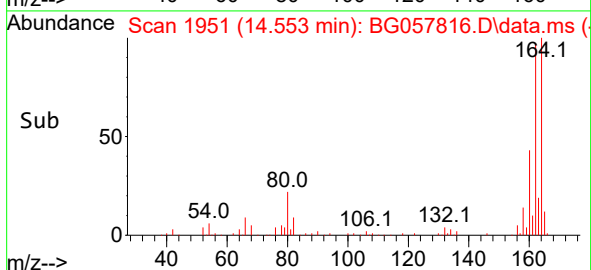
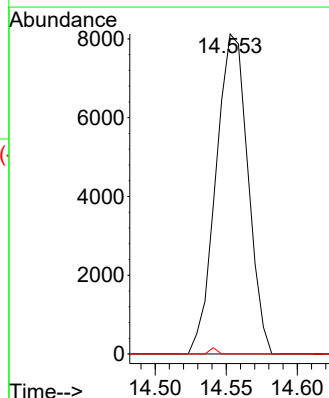
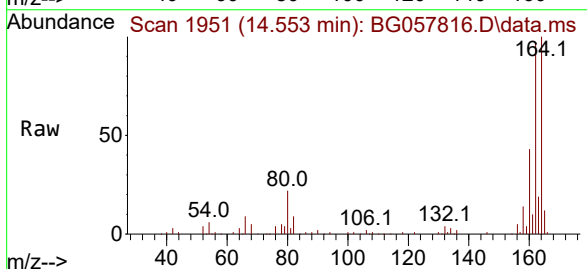
Tgt Ion:165 Resp: 12718

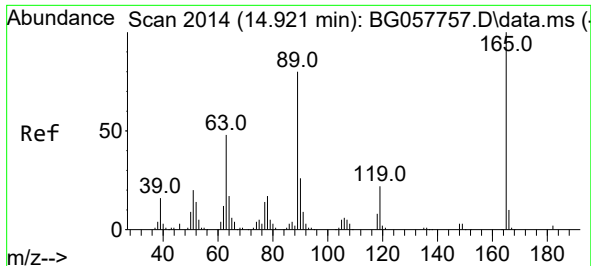
Ion Ratio Lower Upper

165 100

63 0.0 52.8 79.2#

89 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.618 ng

RT: 14.553 min Scan# 1951

Delta R.T. -0.368 min

Lab File: BG057816.D

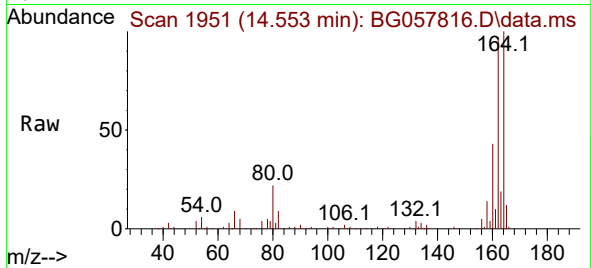
Acq: 22 Jun 2023 20:17

Instrument :

BNA_G

ClientSampleId :

PB153530TB



Tgt Ion:165 Resp: 12718

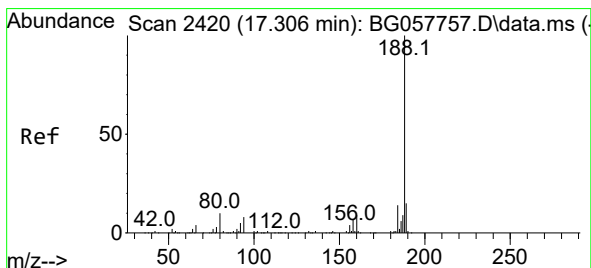
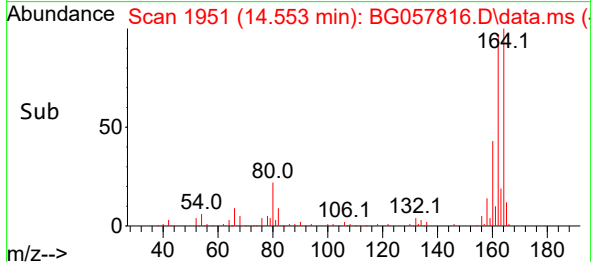
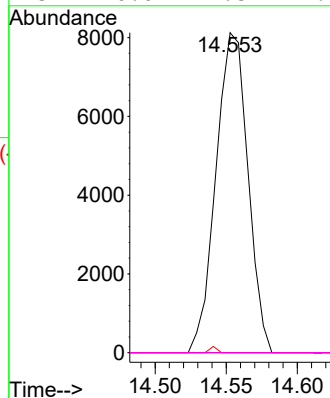
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 63.7 95.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.297 min Scan# 2418

Delta R.T. -0.010 min

Lab File: BG057816.D

Acq: 22 Jun 2023 20:17

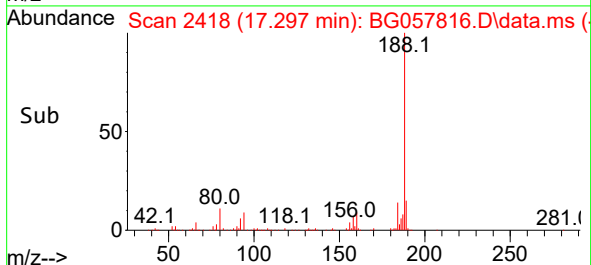
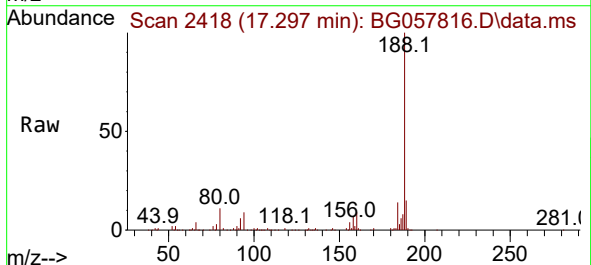
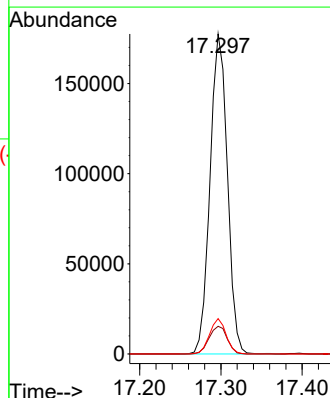
Tgt Ion:188 Resp: 262633

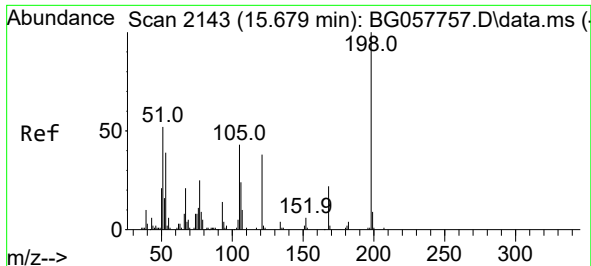
Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

80 11.1 7.6 11.4

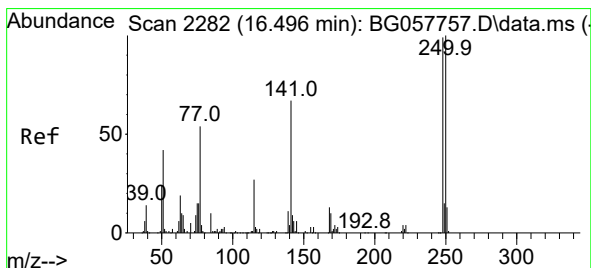
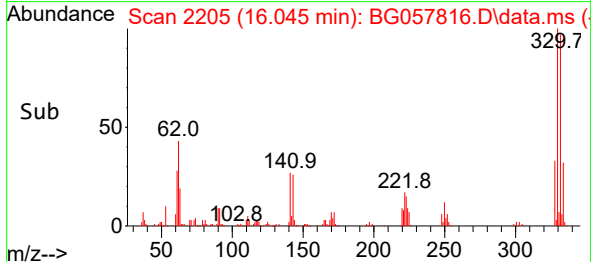
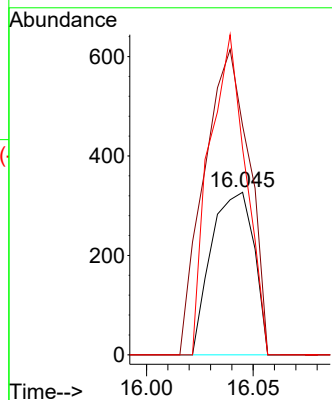
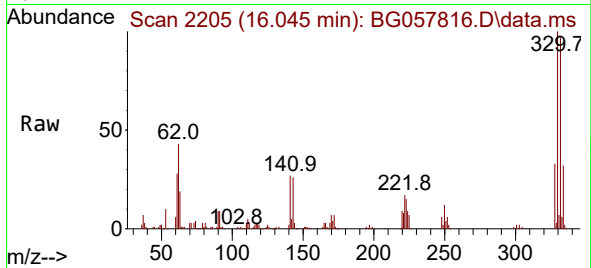




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.646 ng
 RT: 16.045 min Scan# 2143
 Delta R.T. 0.366 min
 Lab File: BG057816.D
 Acq: 22 Jun 2023 20:17

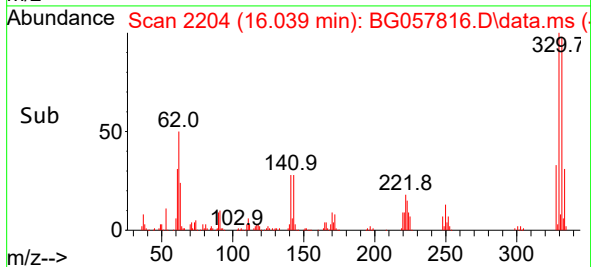
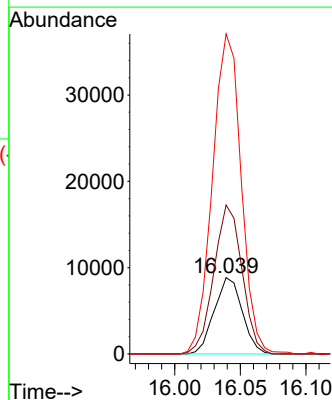
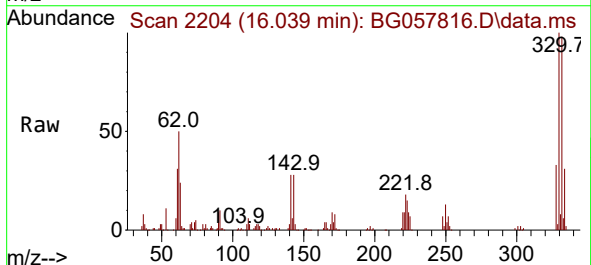
Instrument :
 BNA_G
 ClientSampleId :
 PB153530TB

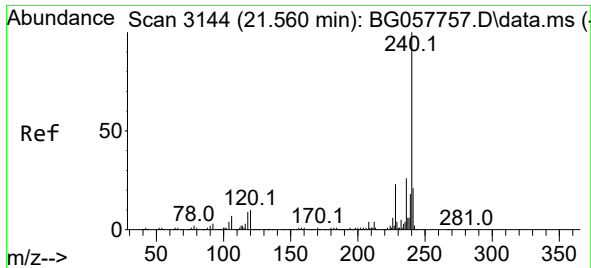
Tgt Ion:198 Resp: 454
 Ion Ratio Lower Upper
 198 100
 51 141.0 36.6 76.6#
 105 126.9 24.3 64.3#



#67
 4-Bromophenyl-phenylether
 Concen: 4.711 ng
 RT: 16.039 min Scan# 2204
 Delta R.T. -0.456 min
 Lab File: BG057816.D
 Acq: 22 Jun 2023 20:17

Tgt Ion:248 Resp: 13122
 Ion Ratio Lower Upper
 248 100
 250 195.4 81.1 121.7#
 141 419.7 54.6 81.8#

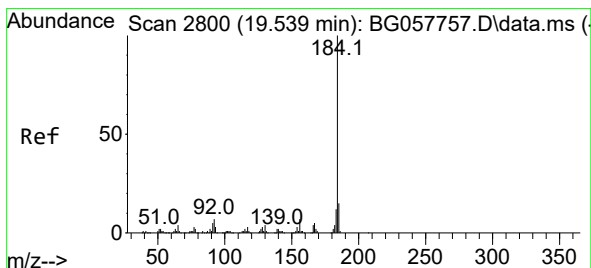
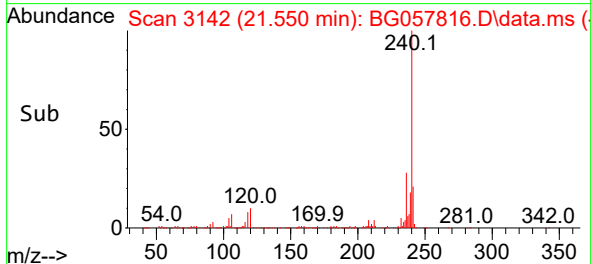
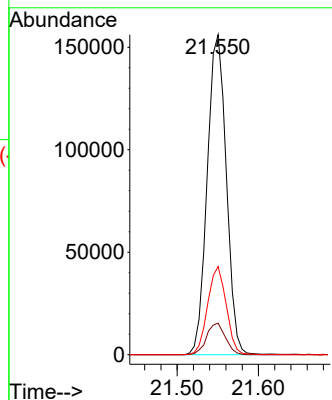
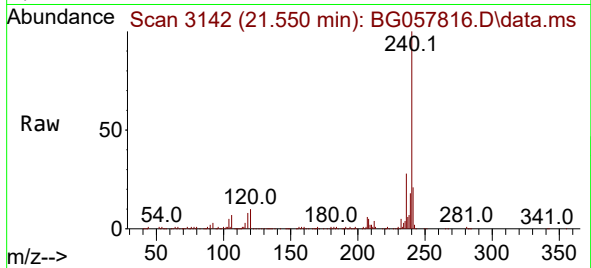




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3144
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

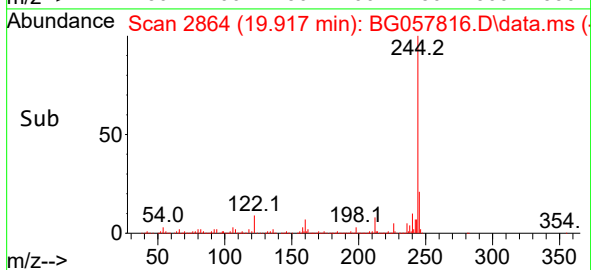
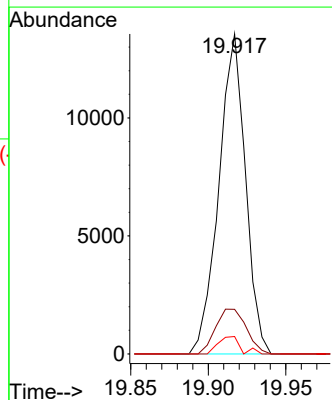
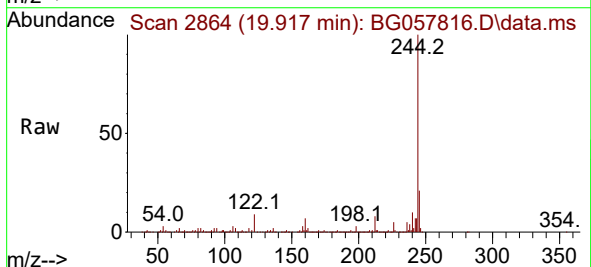
Instrument :
BNA_G
ClientSampleId :
PB153530TB

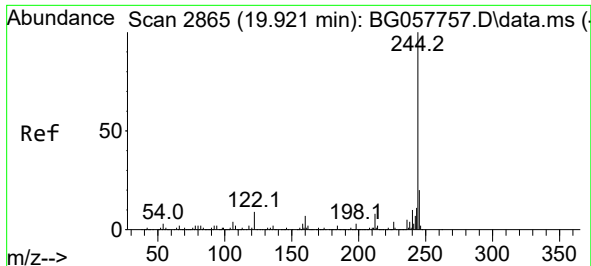
Tgt Ion:240 Resp: 254543
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 27.6 20.6 30.8



#77
Benzidine
Concen: 2.708 ng
RT: 19.917 min Scan# 2864
Delta R.T. 0.378 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

Tgt Ion:184 Resp: 16159
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 5.5 9.4 14.0#

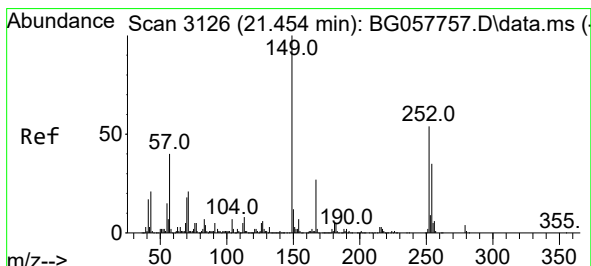
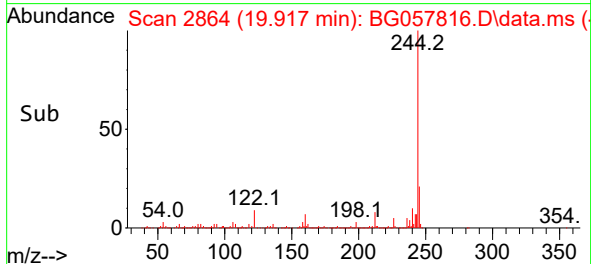
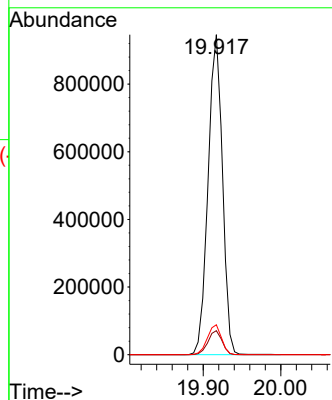
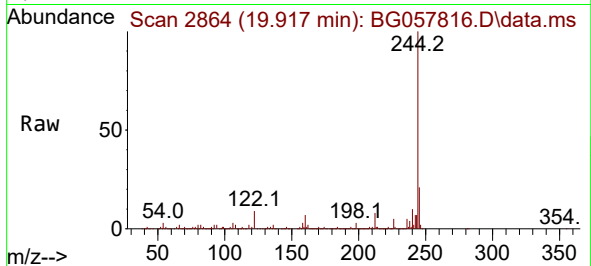




#79
 Terphenyl-d14
 Concen: 89.055 ng
 RT: 19.917 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057816.D
 Acq: 22 Jun 2023 20:17

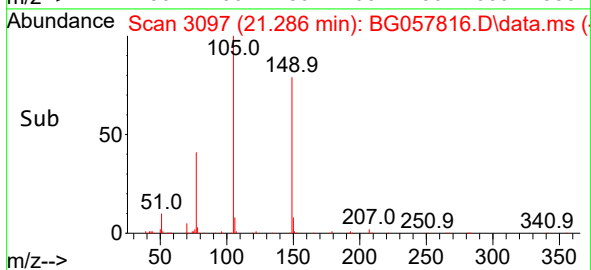
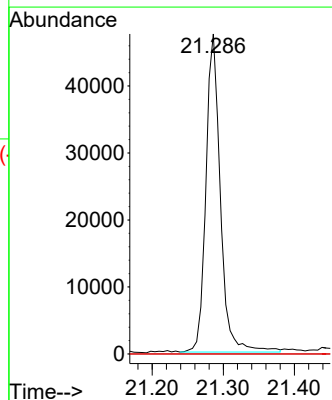
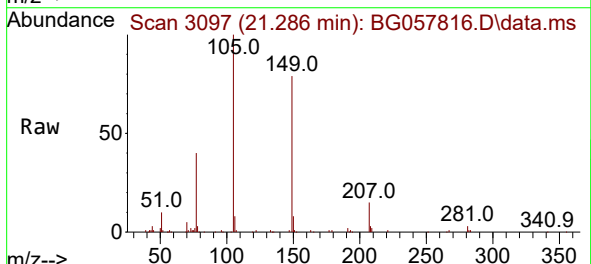
Instrument :
 BNA_G
 ClientSampleId :
 PB153530TB

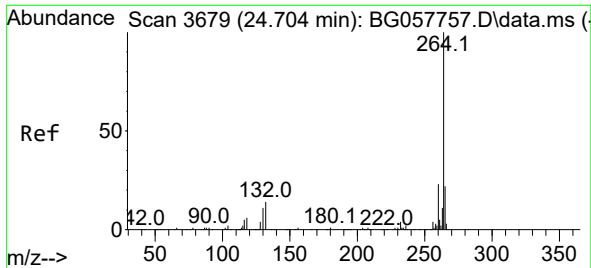
Tgt Ion:244 Resp: 1215670
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.4 7.6 11.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.710 ng
 RT: 21.286 min Scan# 3097
 Delta R.T. -0.169 min
 Lab File: BG057816.D
 Acq: 22 Jun 2023 20:17

Tgt Ion:149 Resp: 67291
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.8 32.8#
 279 0.0 2.9 4.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.694 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG057816.D
 Acq: 22 Jun 2023 20:17

Instrument :
 BNA_G
 ClientSampleId :
 PB153530TB

Tgt Ion:264 Resp: 307304
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.5 27.7
 265 21.4 17.4 26.2

