

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057702.D
 Acq On : 14 Jun 2023 10:49
 Operator : CG/JU
 Sample : PB153397BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153397BL

Quant Time: Jun 15 01:19:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

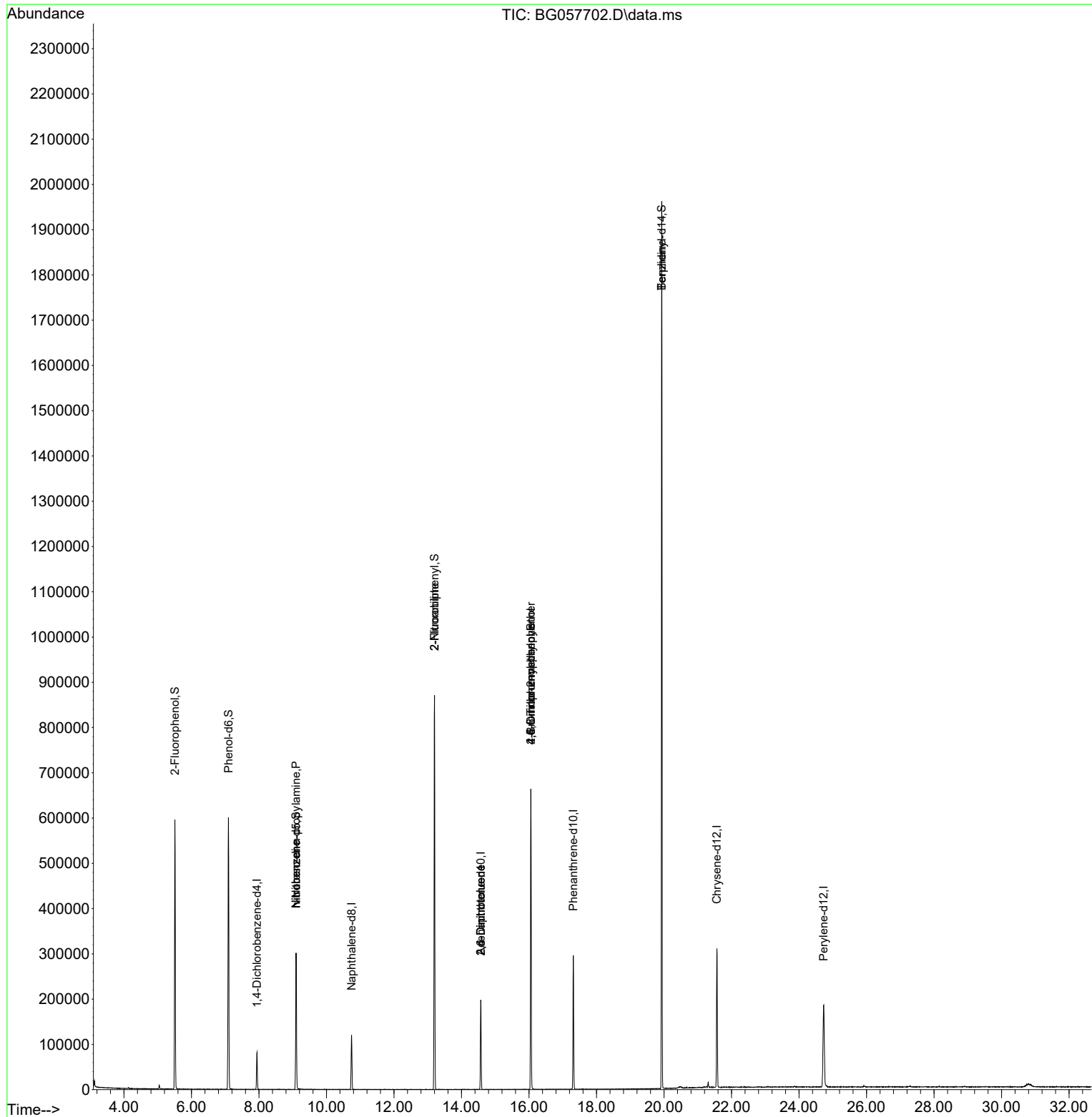
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	20567	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	94798	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	70045	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	185605	20.000	ng	0.00
76) Chrysene-d12	21.566	240	177247	20.000	ng	0.00
86) Perylene-d12	24.727	264	201168	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	231742	183.470	ng	0.00
7) Phenol-d6	7.095	99	331111	170.638	ng	0.00
23) Nitrobenzene-d5	9.098	82	161030	101.961	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	122355	156.572	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	460784	98.058	ng	0.00
79) Terphenyl-d14	19.933	244	947496	98.833	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	20588	14.674	ng	# 84
24) Nitrobenzene	9.098	77	555	5.367	ng	# 27
48) 2-Nitroaniline	13.199	65	888	5.243	ng	# 19
51) 2,6-Dinitrotoluene	14.568	165	9248	17.887	ng	# 12
57) 2,4-Dinitrotoluene	14.568	165	9248	14.842	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.055	198	345	2.808	ng	# 1
67) 4-Bromophenyl-phenylether	16.055	248	8177	4.327	ng	# 1
77) Benzidine	19.933	184	13888	3.287	ng	# 92

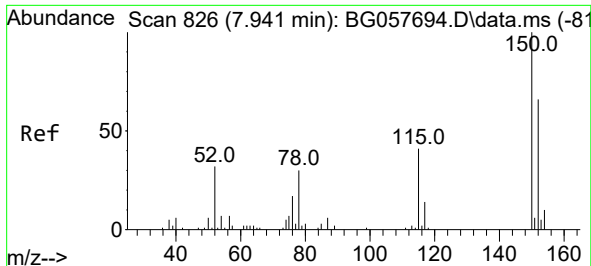
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
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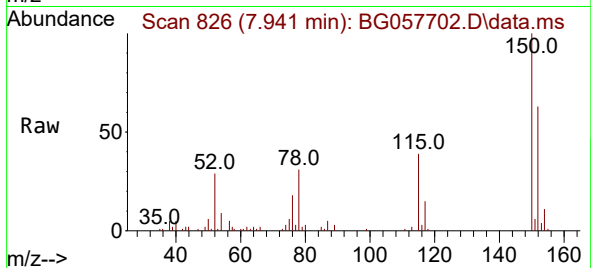
Quant Time: Jun 15 01:19:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 03:52:08 2023
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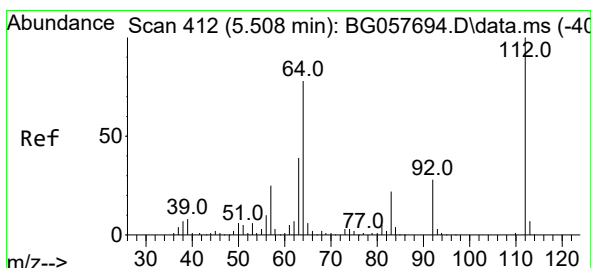
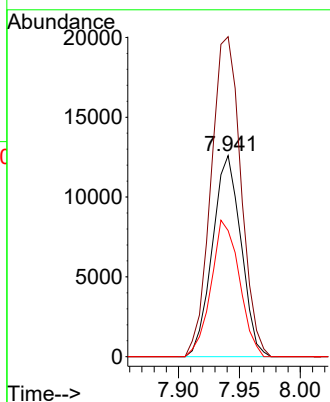
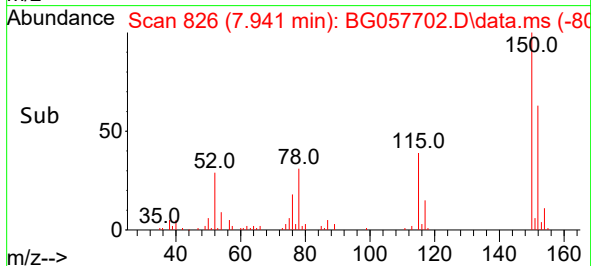


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

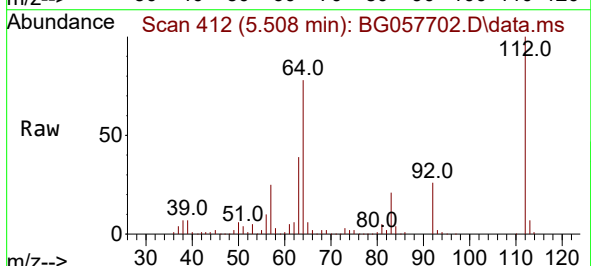
Instrument :
BNA_G
ClientSampleId :
PB153397BL



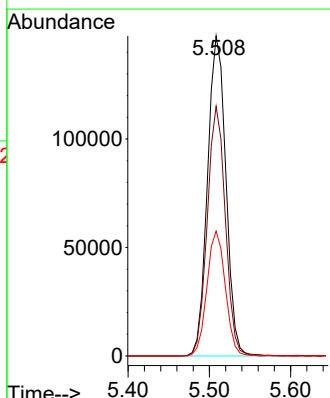
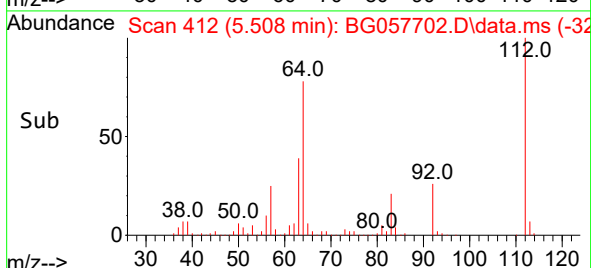
Tgt Ion:152 Resp: 20567
Ion Ratio Lower Upper
152 100
150 159.1 120.8 181.2
115 62.7 49.4 74.2

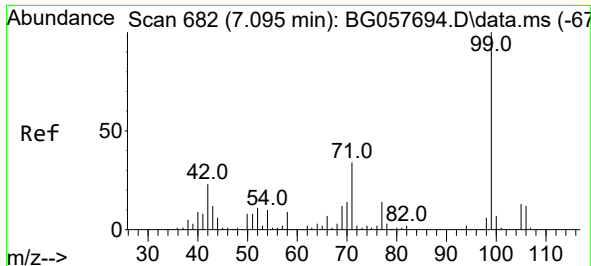


#5
2-Fluorophenol
Concen: 183.470 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49



Tgt Ion:112 Resp: 231742
Ion Ratio Lower Upper
112 100
64 78.0 62.3 93.5
63 39.0 31.5 47.3

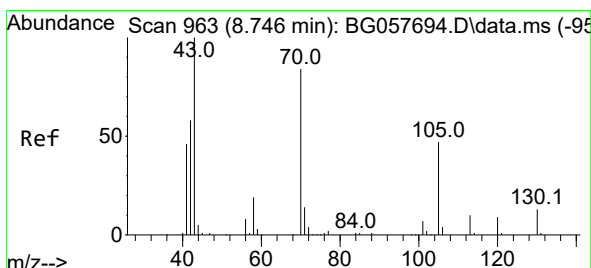
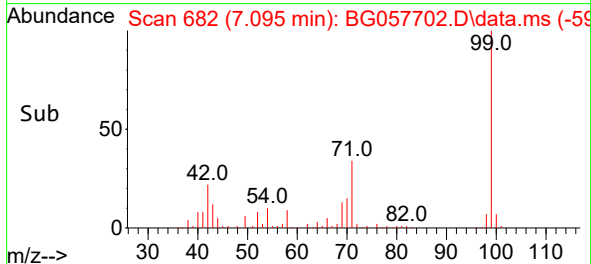
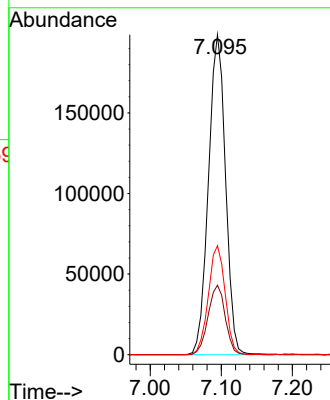
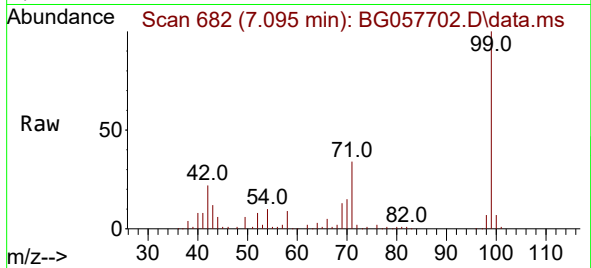




#7
Phenol-d6
Concen: 170.638 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

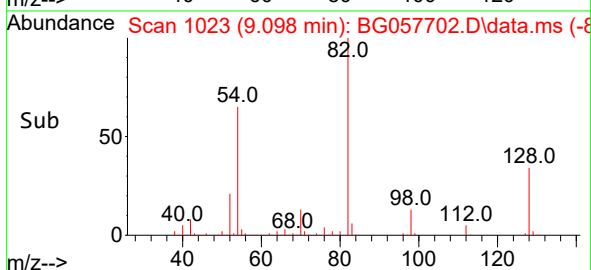
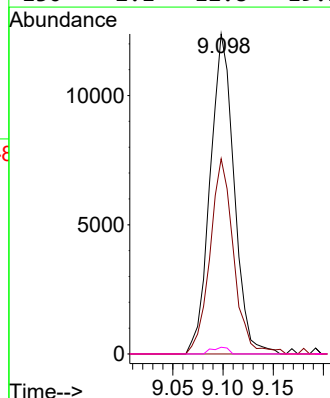
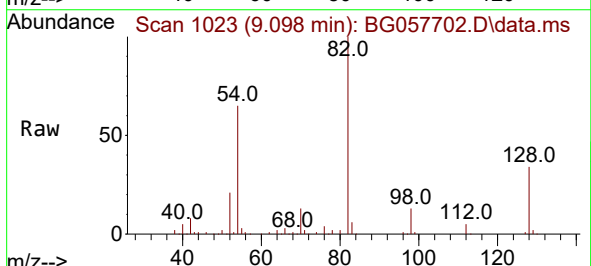
Instrument :
BNA_G
ClientSampleId :
PB153397BL

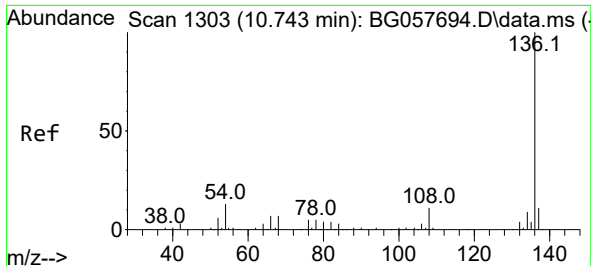
Tgt Ion: 99 Resp: 331111
Ion Ratio Lower Upper
99 100
42 21.7 18.3 27.5
71 34.0 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.674 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.352 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

Tgt Ion: 70 Resp: 20588
Ion Ratio Lower Upper
70 100
42 61.0 56.6 84.8
101 0.0 6.2 9.4#
130 2.1 12.8 19.2#

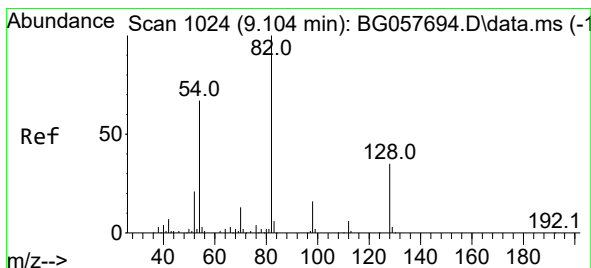
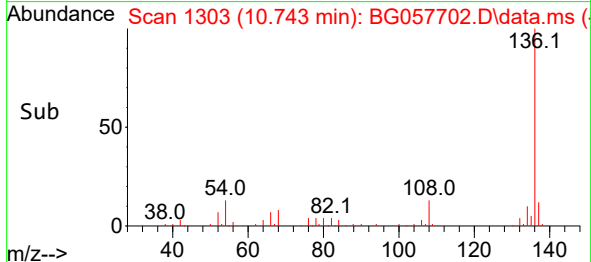
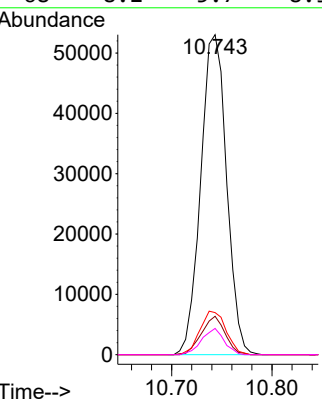
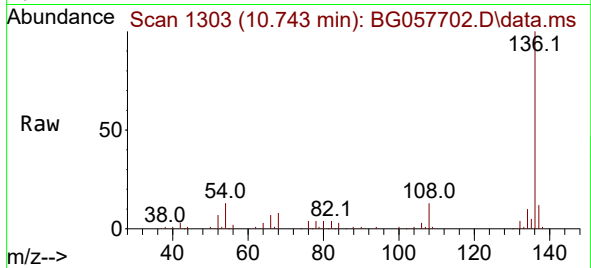




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

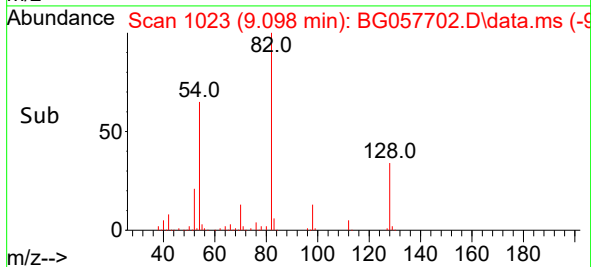
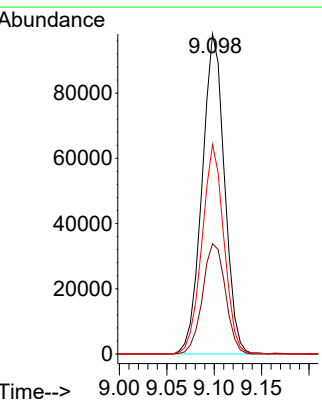
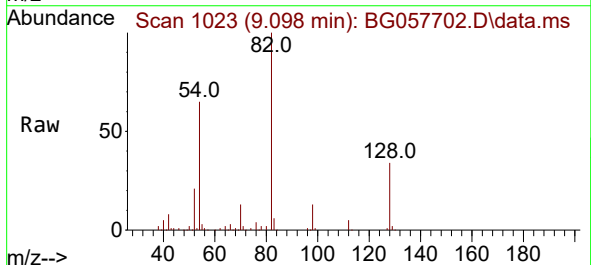
Instrument :
BNA_G
ClientSampleId :
PB153397BL

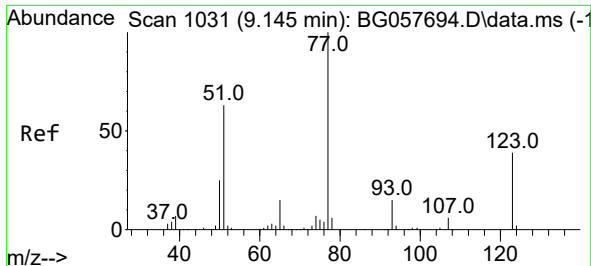
Tgt Ion:	136	Resp:	94798
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.6	13.0
54	13.2	10.8	16.2
68	8.2	5.7	8.5



#23
Nitrobenzene-d5
Concen: 101.961 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

Tgt Ion:	82	Resp:	161030
Ion Ratio	Lower	Upper	
82	100		
128	34.4	27.7	41.5
54	65.5	53.8	80.8

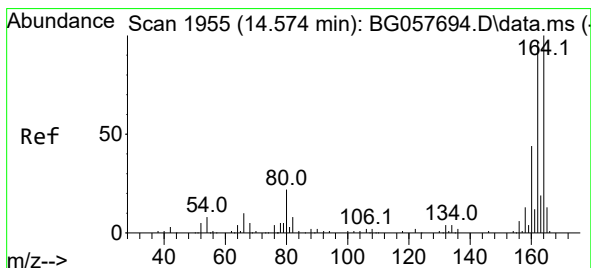
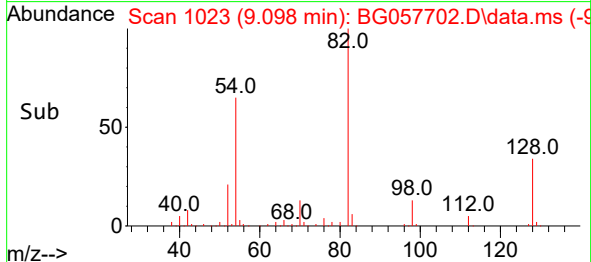
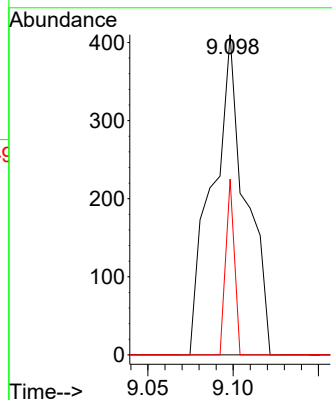
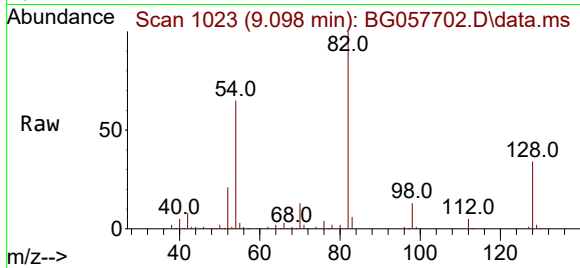




#24
Nitrobenzene
Concen: 5.367 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.047 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

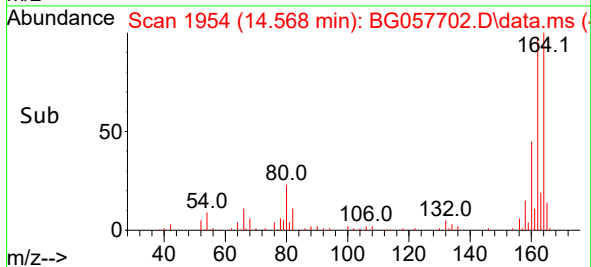
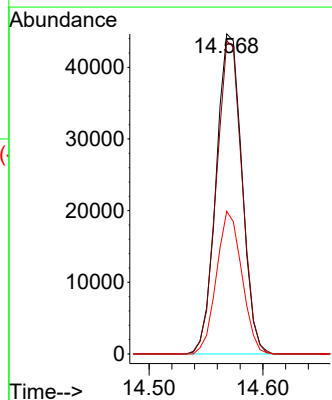
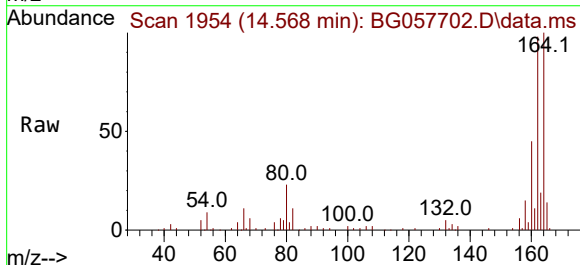
Instrument :
BNA_G
ClientSampleId :
PB153397BL

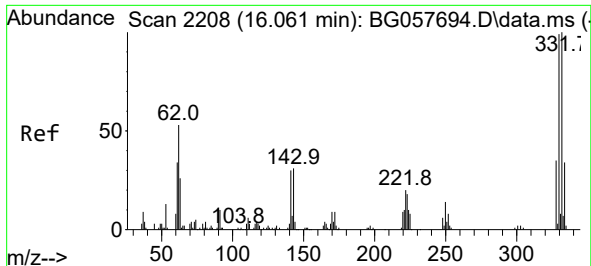
Tgt Ion: 77 Resp: 555
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 54.9 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

Tgt Ion:164 Resp: 70045
Ion Ratio Lower Upper
164 100
162 97.8 77.7 116.5
160 44.6 35.1 52.7

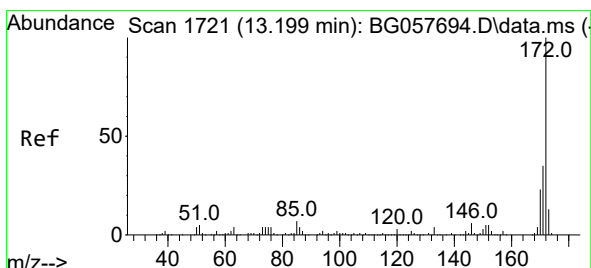
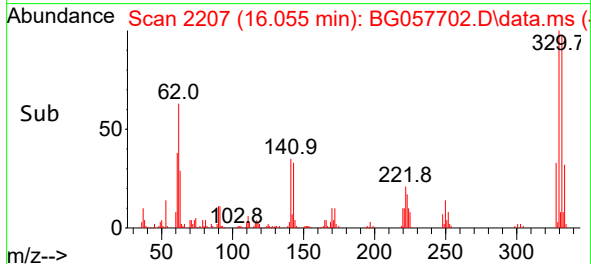
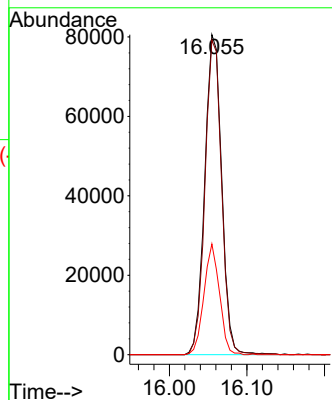
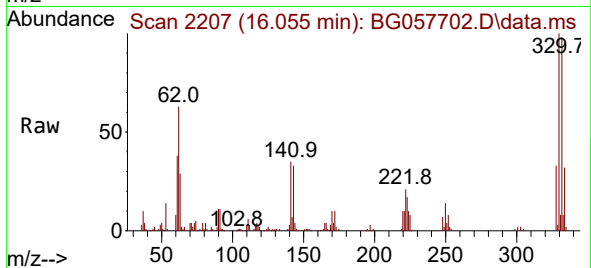




#42
2,4,6-Tribromophenol
Concen: 156.572 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

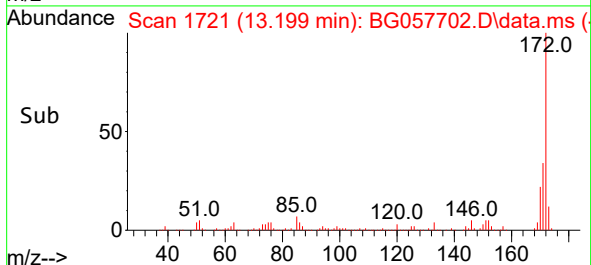
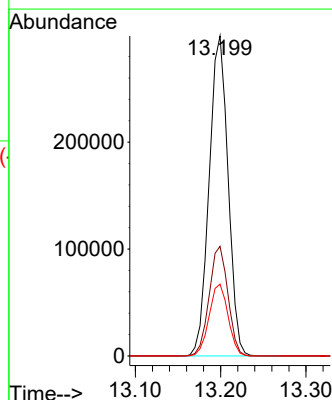
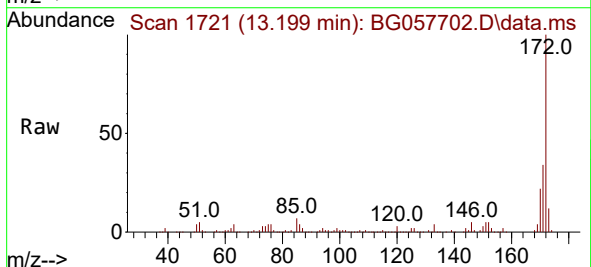
Instrument :
BNA_G
ClientSampleId :
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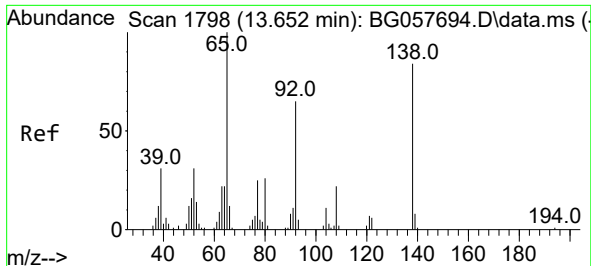
Tgt Ion:330 Resp: 122355
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.6
141 31.7 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 98.058 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

Tgt Ion:172 Resp: 460784
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.5 18.2 27.4

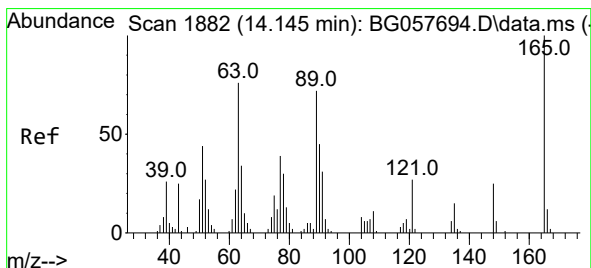
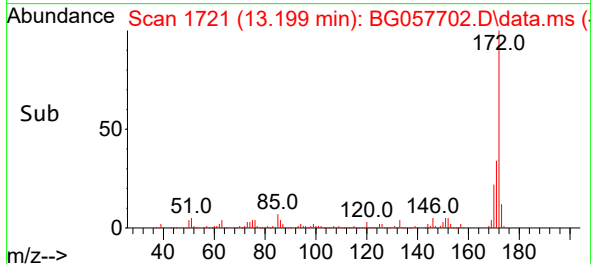
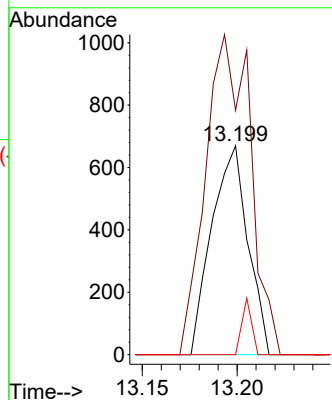
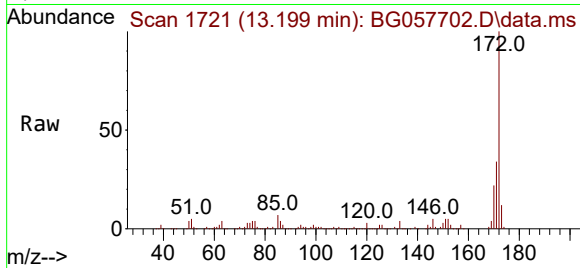




#48
2-Nitroaniline
Concen: 5.243 ng
RT: 13.199 min Scan# 11
Delta R.T. -0.453 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

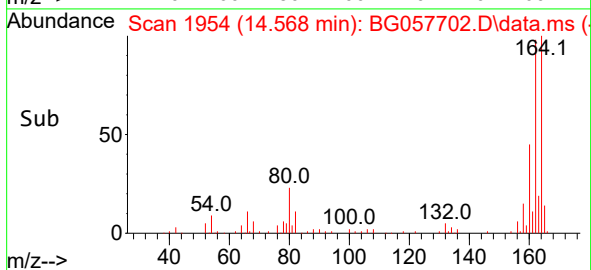
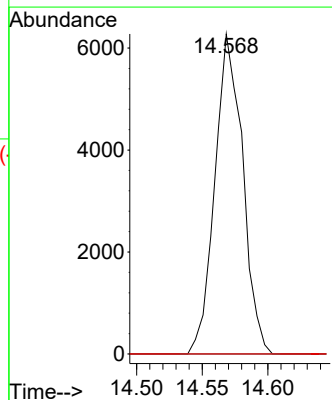
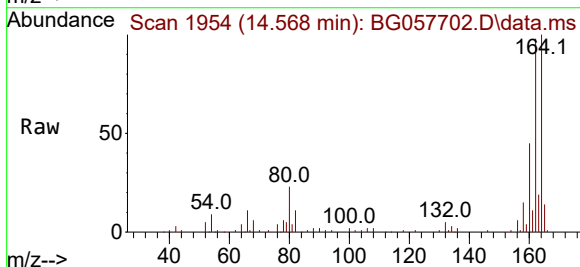
Instrument :
BNA_G
ClientSampleId :
PB153397BL

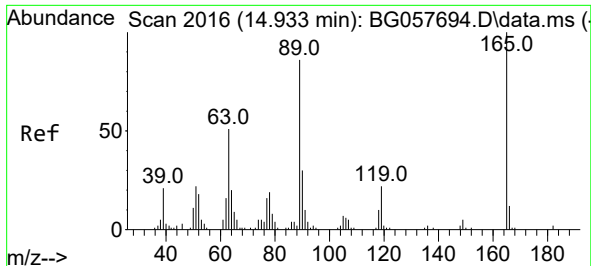
Tgt Ion: 65 Resp: 888
Ion Ratio Lower Upper
65 100
92 117.0 52.2 78.4#
138 0.0 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.887 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.423 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

Tgt Ion:165 Resp: 9248
Ion Ratio Lower Upper
165 100
63 0.0 62.3 93.5#
89 0.0 57.4 86.0#





#57

2,4-Dinitrotoluene

Concen: 14.842 ng

RT: 14.568 min Scan# 1954

Delta R.T. -0.365 min

Lab File: BG057702.D

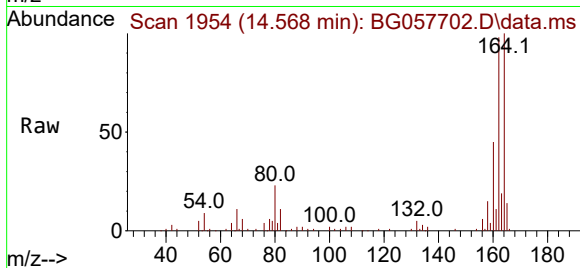
Acq: 14 Jun 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB153397BL



Tgt Ion:165 Resp: 9248

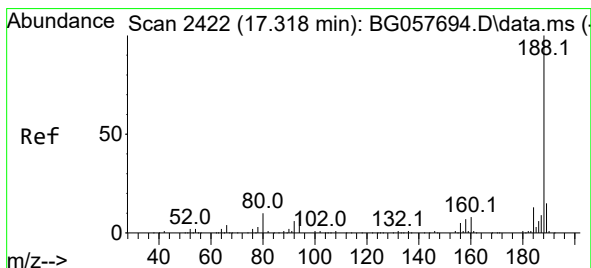
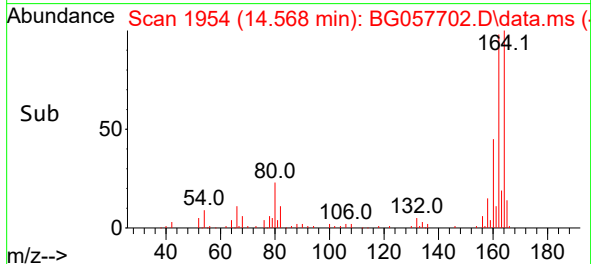
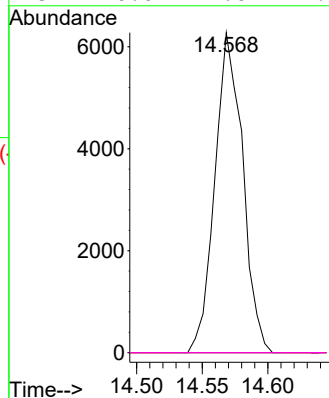
Ion Ratio Lower Upper

165 100

63 0.0 40.8 61.2#

89 0.0 68.5 102.7#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BG057702.D

Acq: 14 Jun 2023 10:49

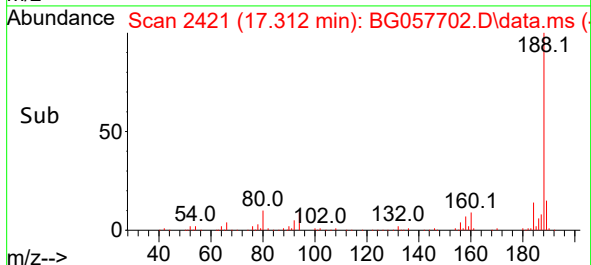
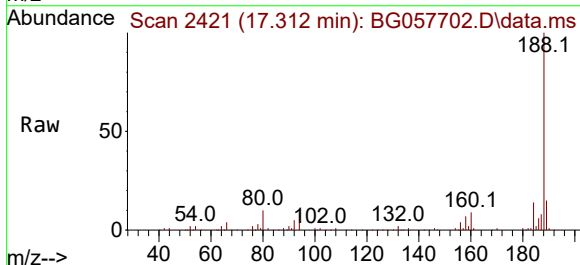
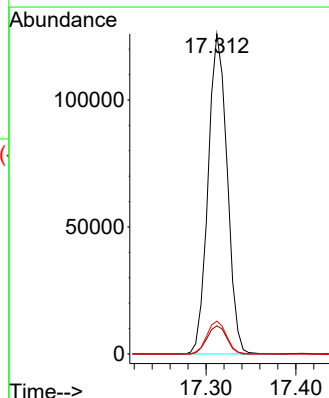
Tgt Ion:188 Resp: 185605

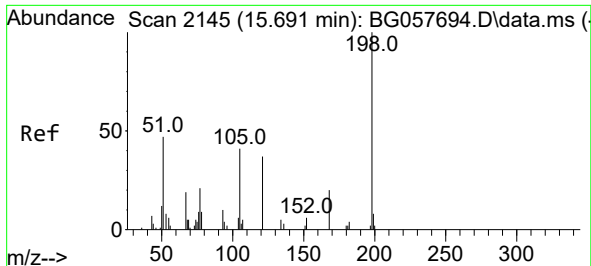
Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 10.2 8.2 12.4

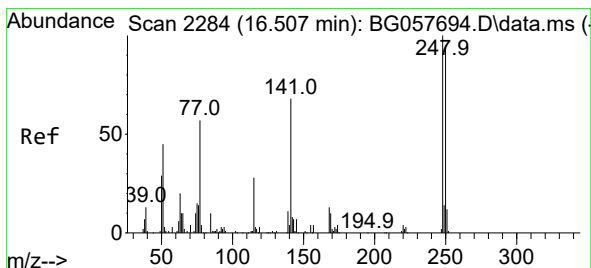
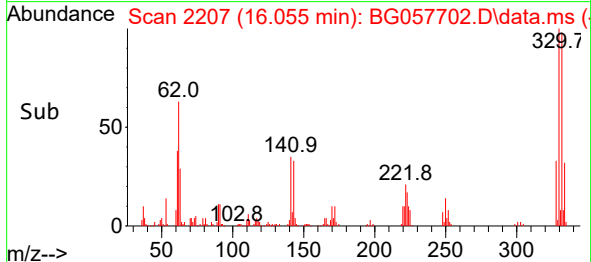
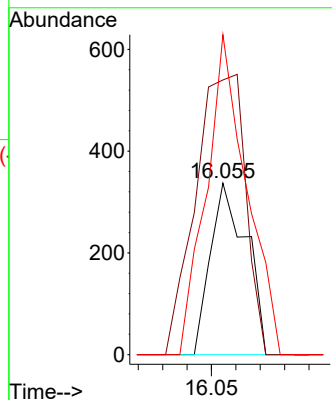
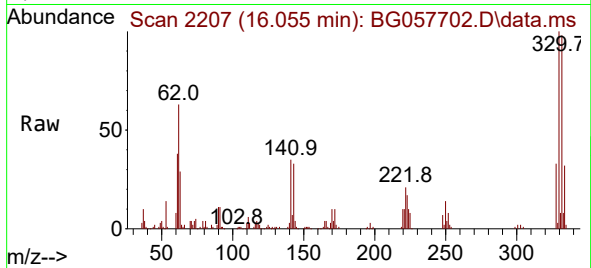




#65
4,6-Dinitro-2-methylphenol
Concen: 2.808 ng
RT: 16.055 min Scan# 2145
Delta R.T. 0.364 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

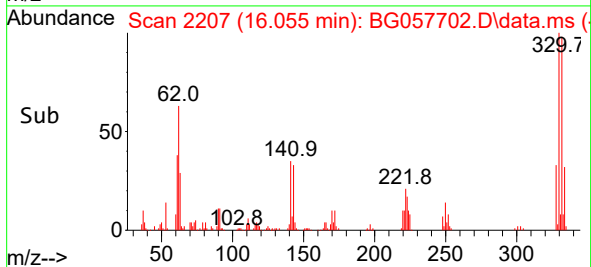
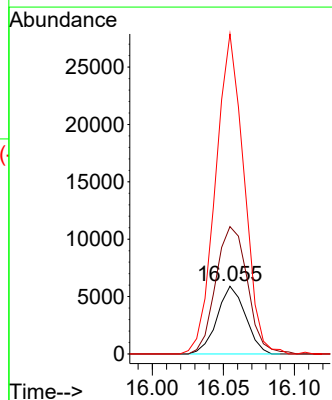
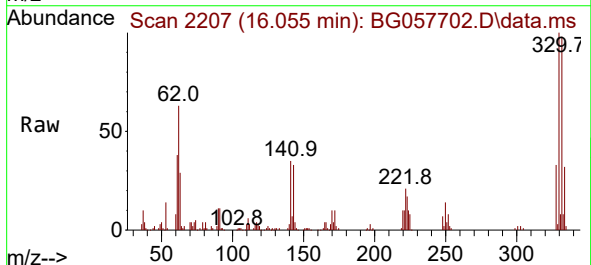
Instrument :
BNA_G
ClientSampleId :
PB153397BL

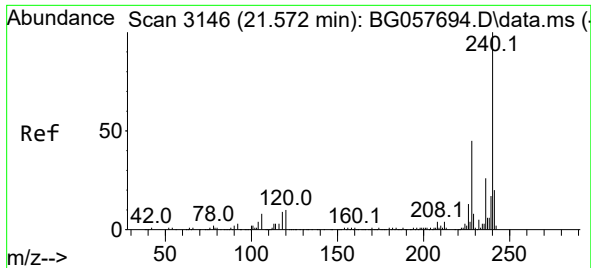
Tgt Ion:198 Resp: 345
Ion Ratio Lower Upper
198 100
51 160.2 42.0 82.0#
105 186.6 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 4.327 ng
RT: 16.055 min Scan# 2207
Delta R.T. -0.453 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

Tgt Ion:248 Resp: 8177
Ion Ratio Lower Upper
248 100
250 188.3 76.3 114.5#
141 472.9 54.6 82.0#

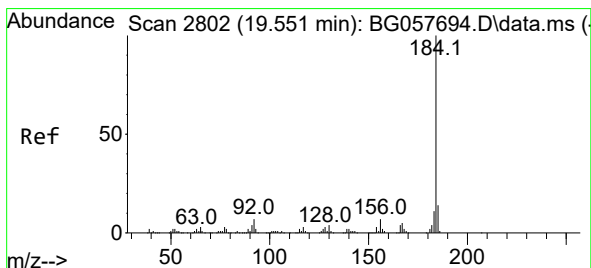
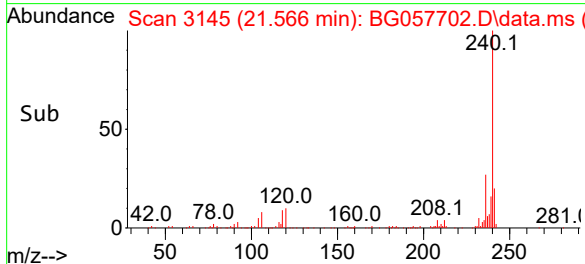
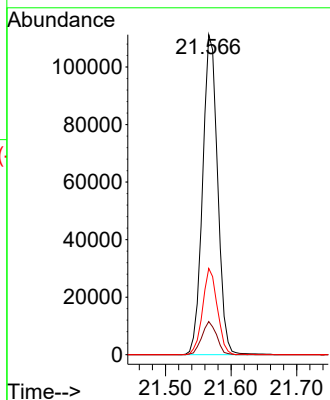
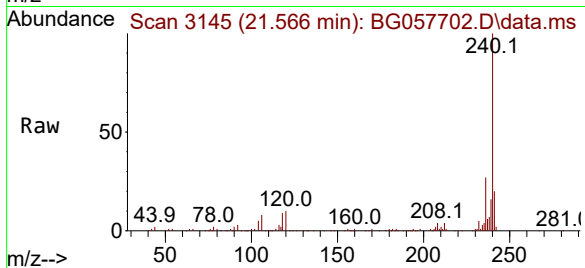




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

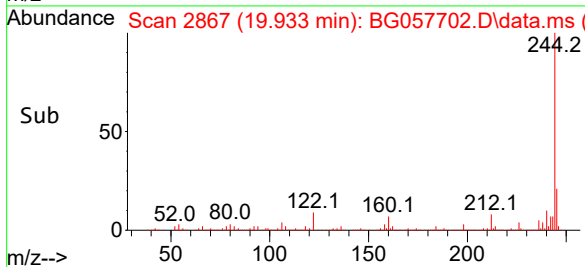
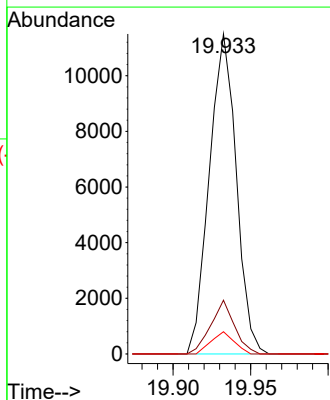
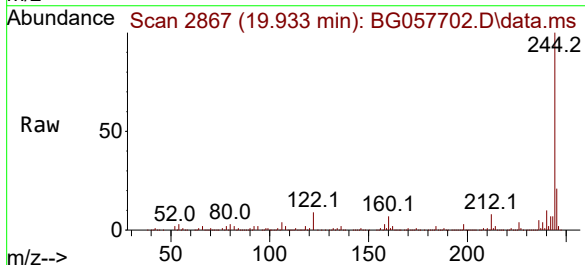
Instrument :
BNA_G
ClientSampleId :
PB153397BL

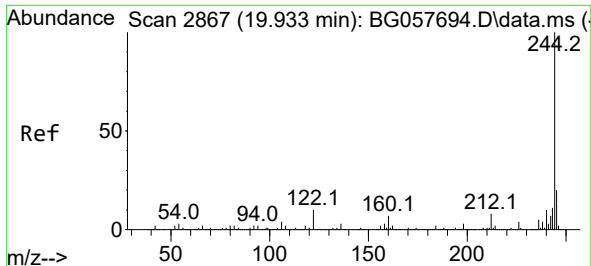
Tgt Ion:240 Resp: 177247
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.9 20.7 31.1



#77
Benzidine
Concen: 3.287 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.382 min
Lab File: BG057702.D
Acq: 14 Jun 2023 10:49

Tgt Ion:184 Resp: 13888
Ion Ratio Lower Upper
184 100
185 16.8 11.1 16.7#
183 6.9 8.4 12.6#

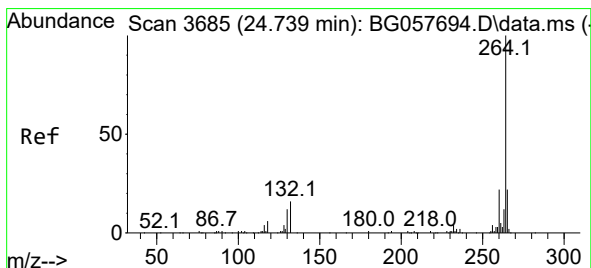
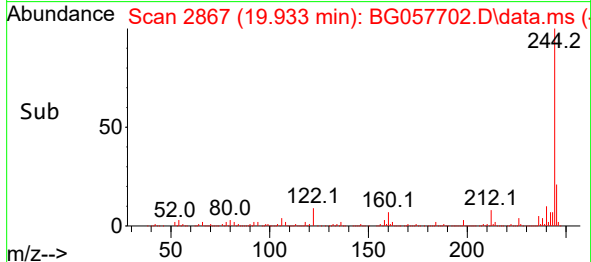
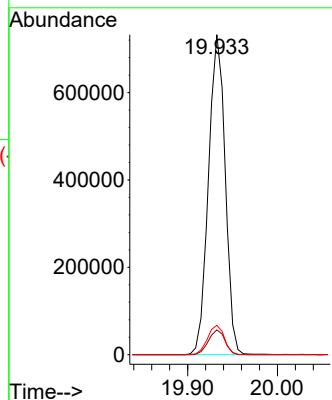
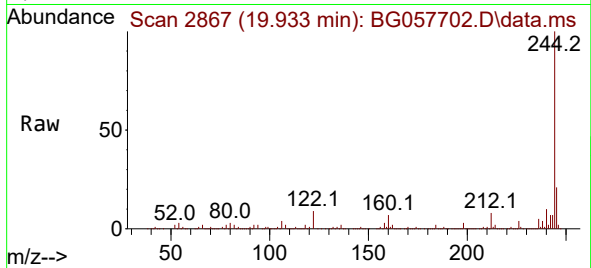




#79
 Terphenyl-d14
 Concen: 98.833 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057702.D
 Acq: 14 Jun 2023 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB153397BL

Tgt Ion:244 Resp: 947496
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 9.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 3683
 Delta R.T. -0.012 min
 Lab File: BG057702.D
 Acq: 14 Jun 2023 10:49

Tgt Ion:264 Resp: 201168
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.3 25.9
 265 20.3 17.5 26.3

