

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057788.D
 Acq On : 21 Jun 2023 17:21
 Operator : CG/JU
 Sample : 03262-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 04:51:12 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)

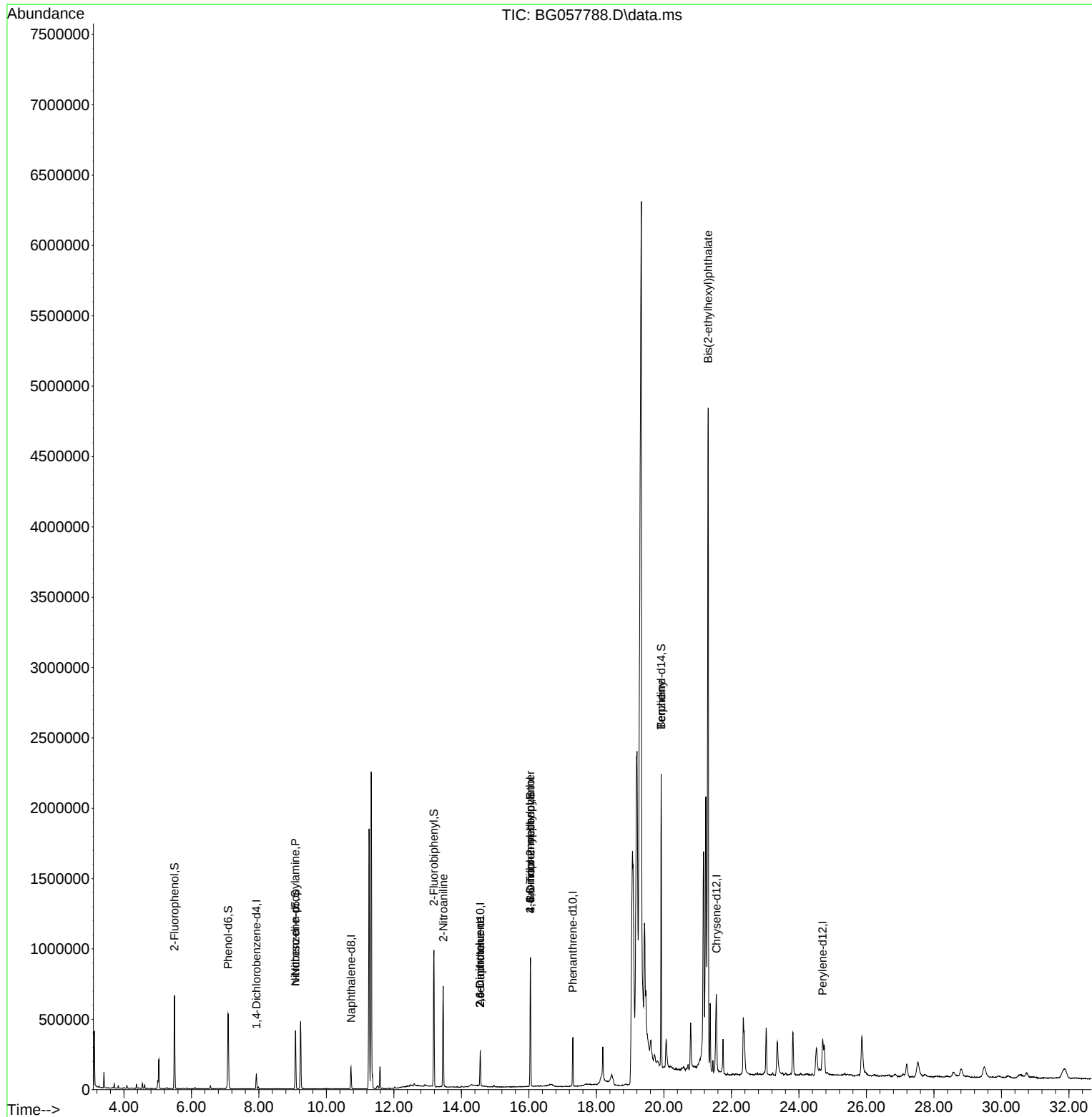
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	29060	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	125496	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	86658	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	223528	20.000	ng	0.00
76) Chrysene-d12	21.557	240	206819	20.000	ng	0.00
86) Perylene-d12	24.700	264	261478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	268272	142.344	ng	0.00
7) Phenol-d6	7.086	99	355403	123.587	ng	0.00
23) Nitrobenzene-d5	9.083	82	242027	98.981	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	185602	153.754	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	520777	91.150	ng	0.00
79) Terphenyl-d14	19.918	244	1021604	92.107	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.083	70	30858	15.391	ng	# 77
48) 2-Nitroaniline	13.461	65	13906	8.560	ng	# 20
51) 2,6-Dinitrotoluene	14.554	165	11856	9.673	ng	# 19
57) 2,4-Dinitrotoluene	14.554	165	11856	7.133	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.046	198	276	5.551	ng	# 1
67) 4-Bromophenyl-phenylether	16.046	248	11798	4.977	ng	# 1
77) Benzidine	19.918	184	14586	3.009	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.310	149	2674743	328.251	ng	# 52

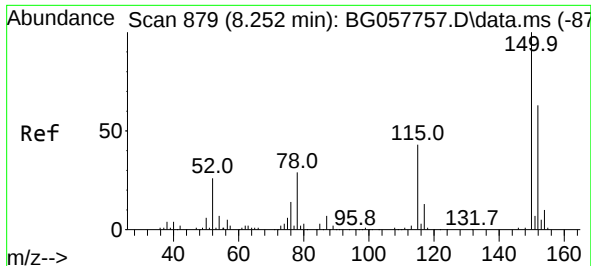
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
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BNA_G
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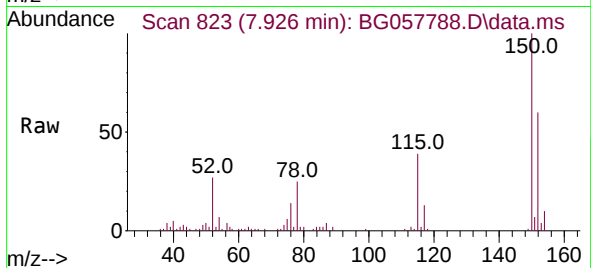
Quant Time: Jun 22 04:51:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
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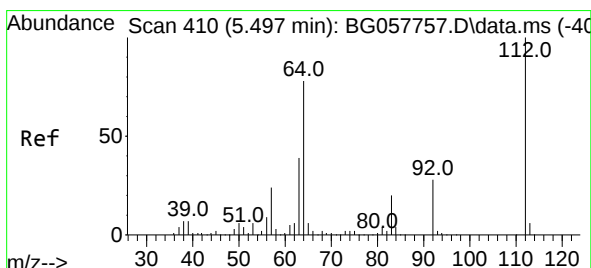
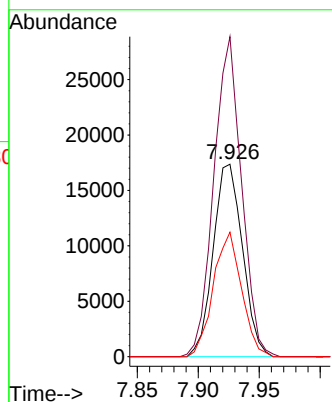
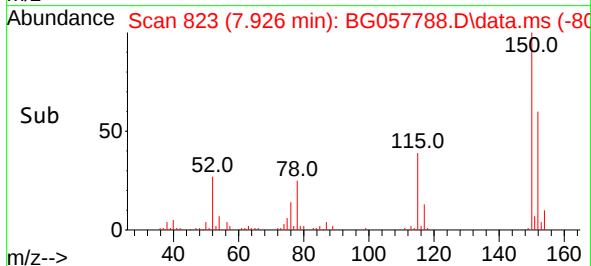


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.926 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG057788.D
 Acq: 21 Jun 2023 17:21

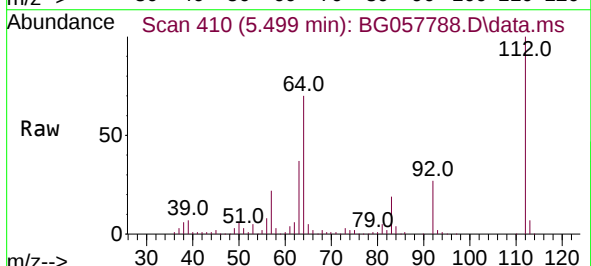
Instrument :
 BNA_G
 ClientSampleId :



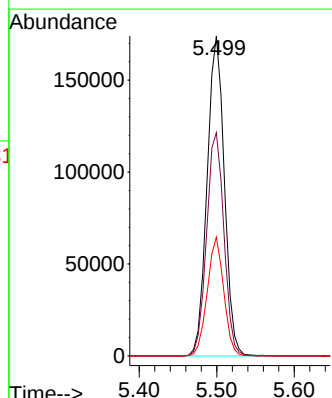
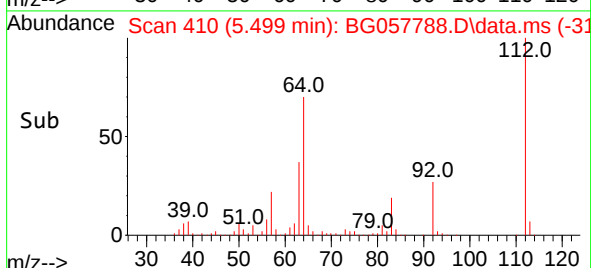
Tgt Ion:152 Resp: 29060
 Ion Ratio Lower Upper
 152 100
 150 166.2 126.6 189.8
 115 64.7 48.9 73.3

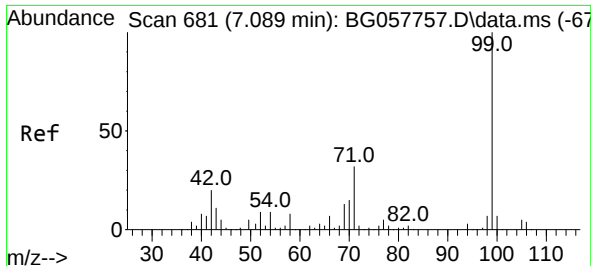


#5
 2-Fluorophenol
 Concen: 142.344 ng
 RT: 5.499 min Scan# 410
 Delta R.T. 0.002 min
 Lab File: BG057788.D
 Acq: 21 Jun 2023 17:21



Tgt Ion:112 Resp: 268272
 Ion Ratio Lower Upper
 112 100
 64 69.7 62.1 93.1
 63 37.2 31.5 47.3

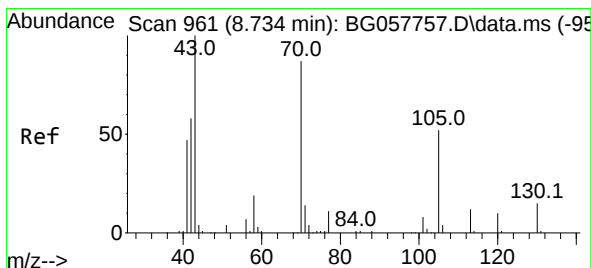
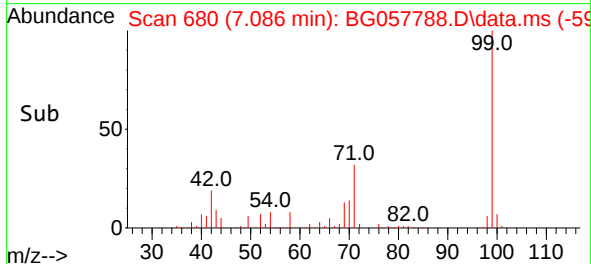
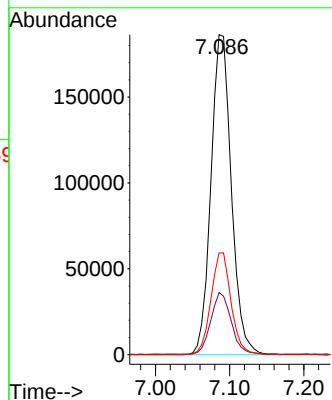
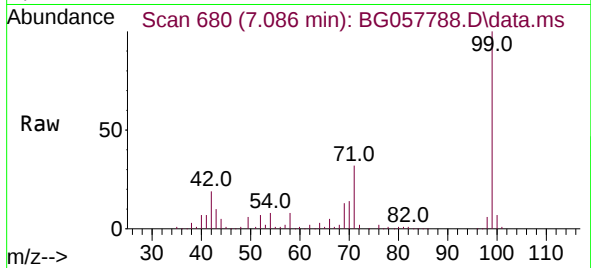




#7
Phenol-d6
Concen: 123.587 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

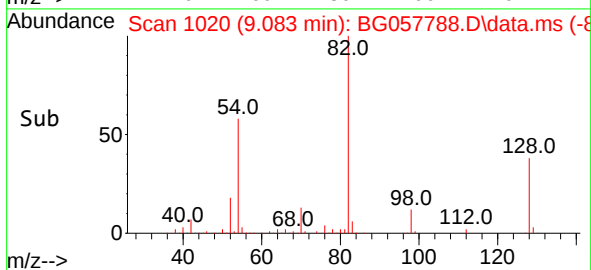
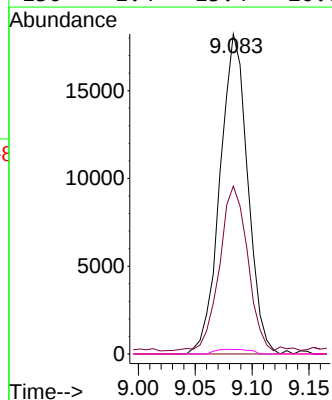
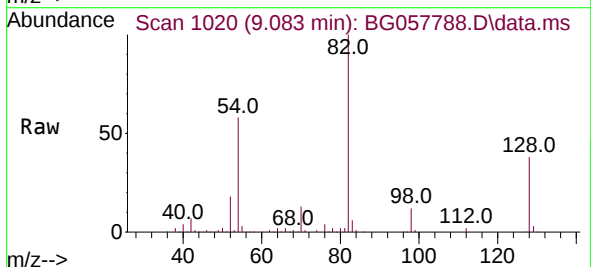
Instrument :
BNA_G
ClientSampleId :

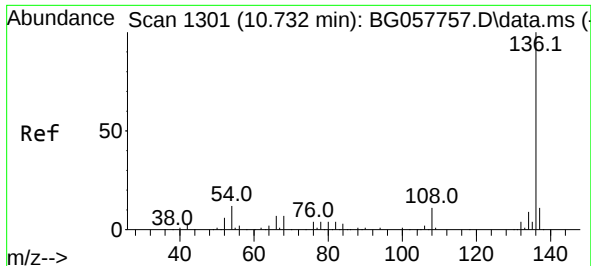
Tgt Ion: 99 Resp: 355403
Ion Ratio Lower Upper
99 100
42 19.4 16.4 24.6
71 31.8 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.391 ng
RT: 9.083 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Tgt Ion: 70 Resp: 30858
Ion Ratio Lower Upper
70 100
42 52.5 54.2 81.2#
101 0.0 7.4 11.0#
130 1.4 13.4 20.0#



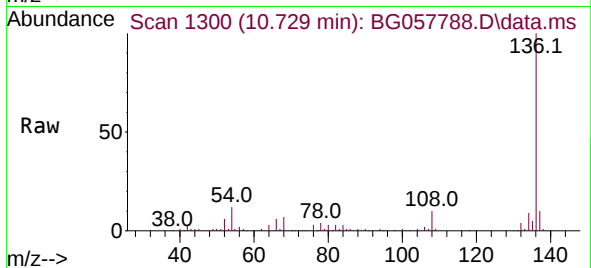


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

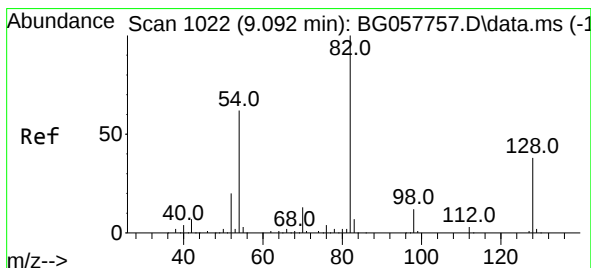
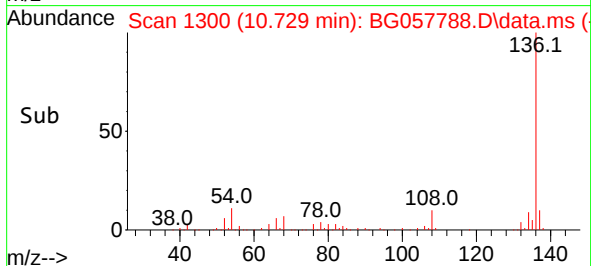
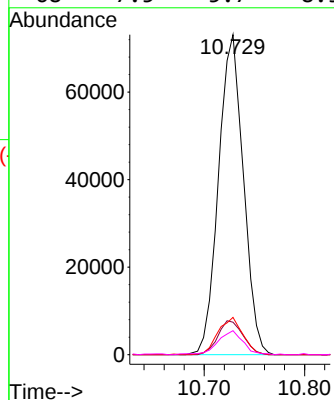
Instrument :

BNA_G

ClientSampleId :

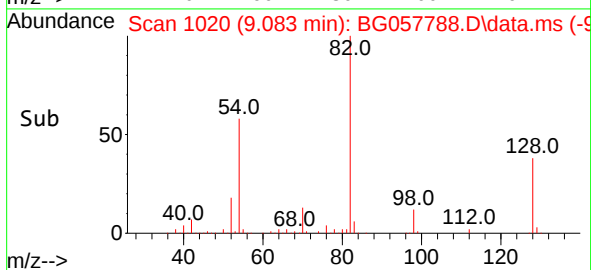
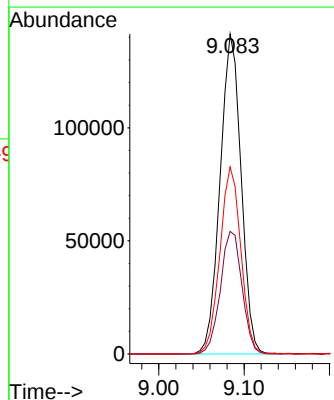
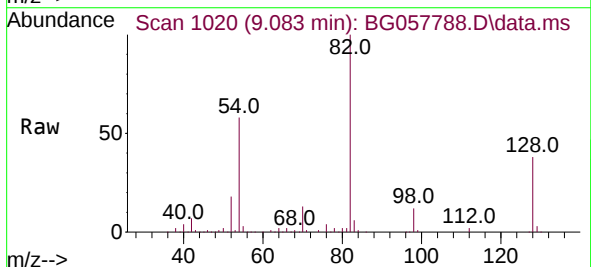


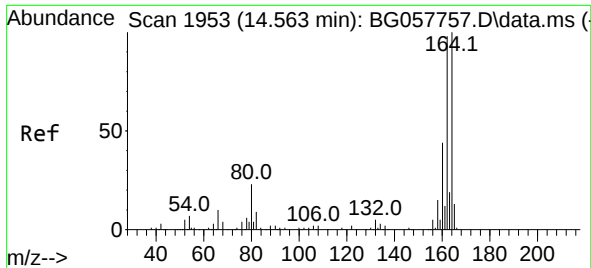
Tgt Ion:136 Resp: 125496
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 11.6 9.5 14.3
68 7.5 5.7 8.5



#23
Nitrobenzene-d5
Concen: 98.981 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Tgt Ion: 82 Resp: 242027
Ion Ratio Lower Upper
82 100
128 38.3 30.7 46.1
54 58.5 49.6 74.4

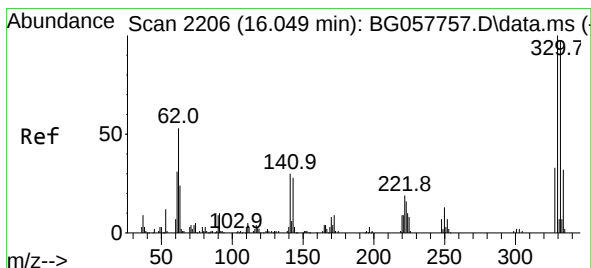
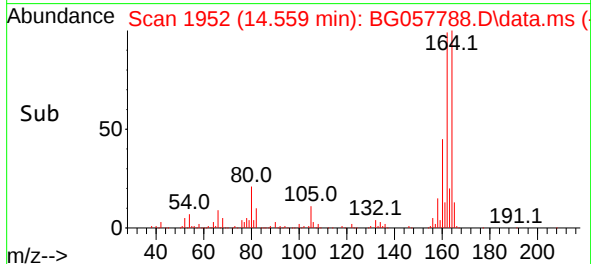
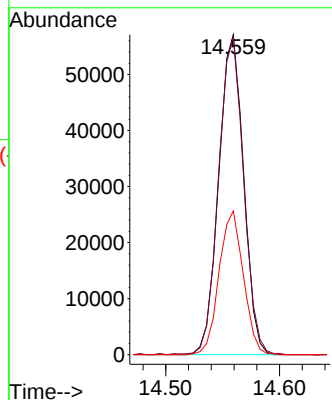
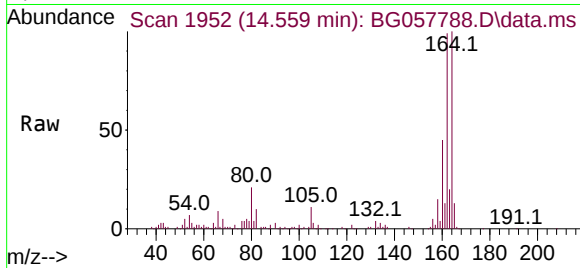




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

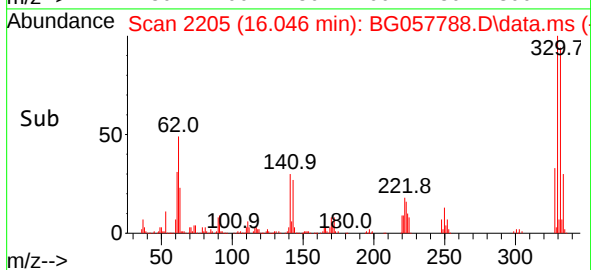
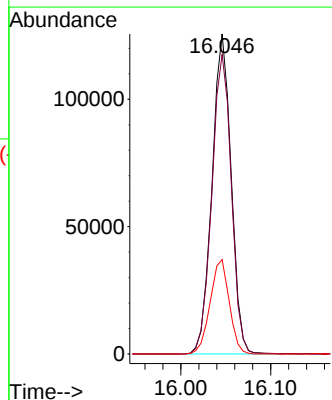
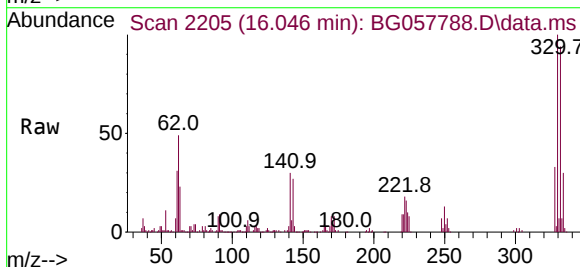
Instrument :
BNA_G
ClientSampleId :

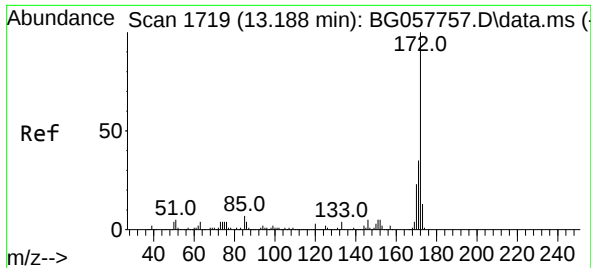
Tgt Ion:164 Resp: 86658
Ion Ratio Lower Upper
164 100
162 99.2 78.3 117.5
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 153.754 ng
RT: 16.046 min Scan# 2205
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Tgt Ion:330 Resp: 185602
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 29.5 24.7 37.1

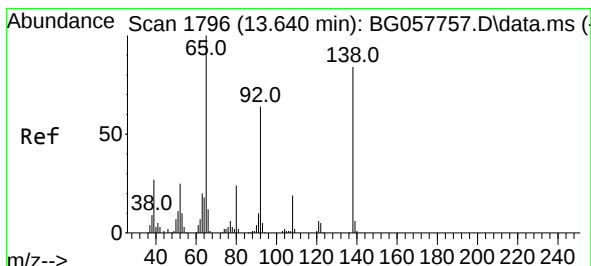
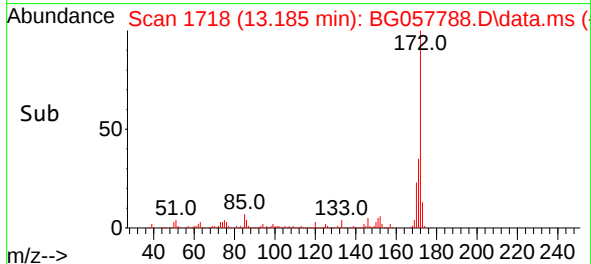
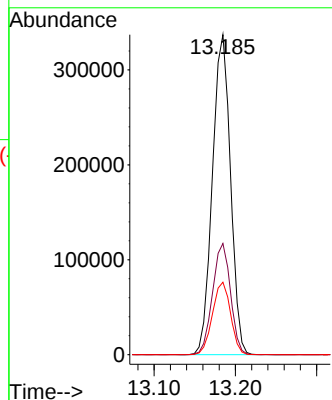
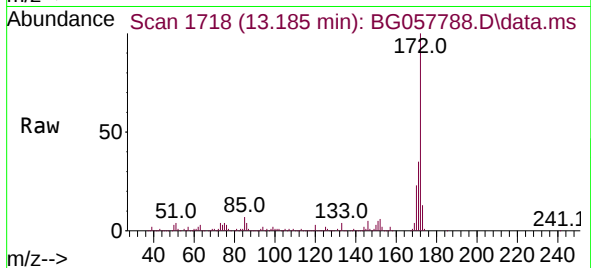




#45
2-Fluorobiphenyl
Concen: 91.150 ng
RT: 13.185 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

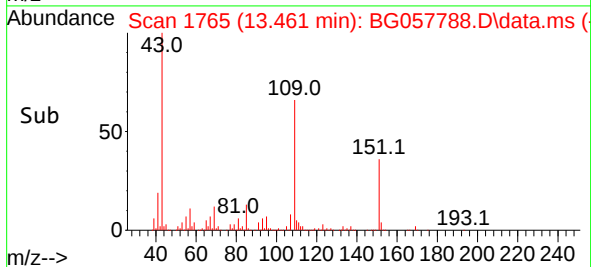
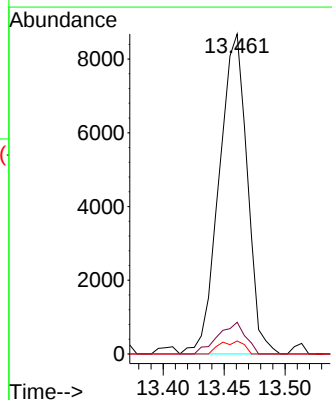
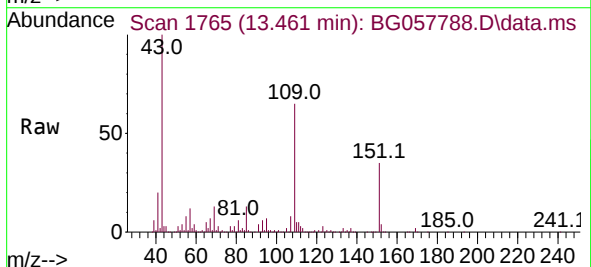
Instrument :
BNA_G
ClientSampleId :

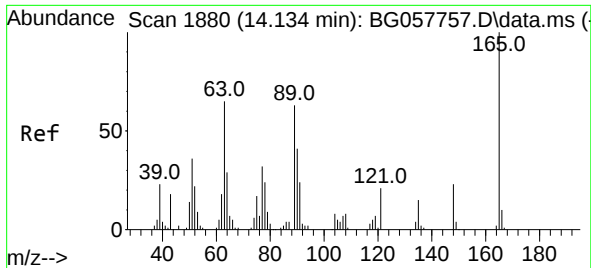
Tgt Ion:172 Resp: 520777
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.6 18.6 27.8



#48
2-Nitroaniline
Concen: 8.560 ng
RT: 13.461 min Scan# 1765
Delta R.T. -0.179 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Tgt Ion: 65 Resp: 13906
Ion Ratio Lower Upper
65 100
92 9.9 51.2 76.8#
138 4.0 67.2 100.8#

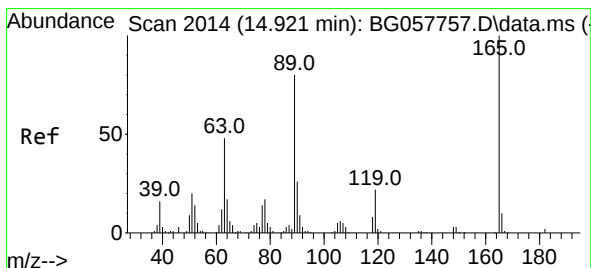
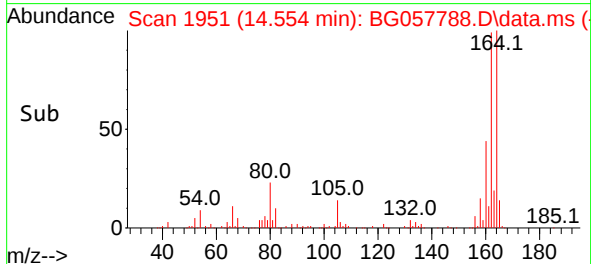
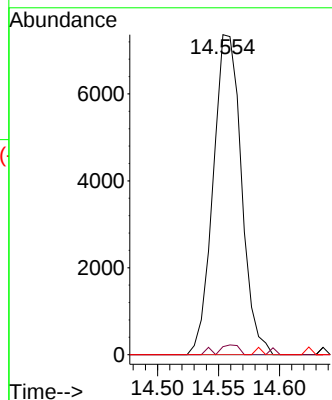
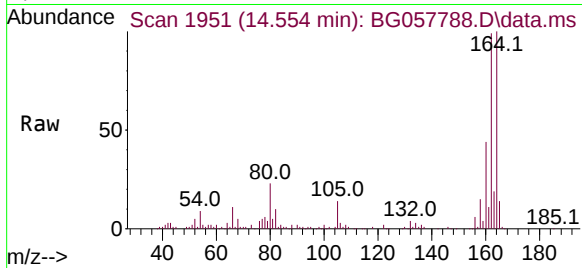




#51
2,6-Dinitrotoluene
Concen: 9.673 ng
RT: 14.554 min Scan# 1951
Delta R.T. 0.420 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

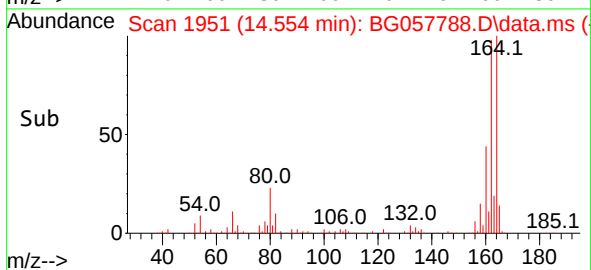
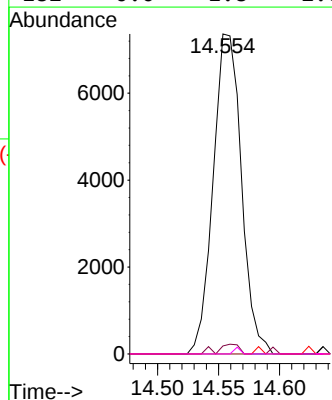
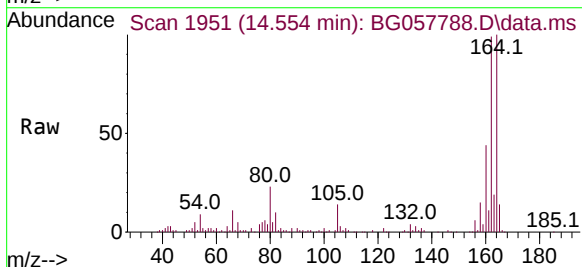
Instrument :
BNA_G
ClientSampleId :

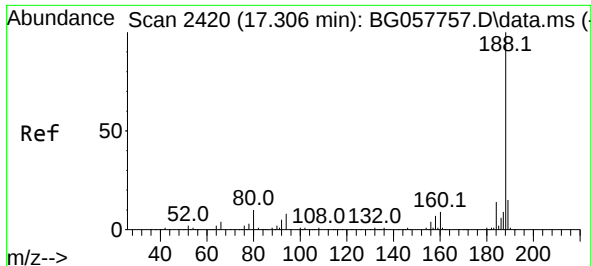
Tgt Ion:165 Resp: 11856
Ion Ratio Lower Upper
165 100
63 2.5 52.8 79.2#
89 0.0 50.7 76.1#



#57
2,4-Dinitrotoluene
Concen: 7.133 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.367 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Tgt Ion:165 Resp: 11856
Ion Ratio Lower Upper
165 100
63 2.5 38.6 58.0#
89 0.0 63.7 95.5#
182 0.0 1.8 2.6#

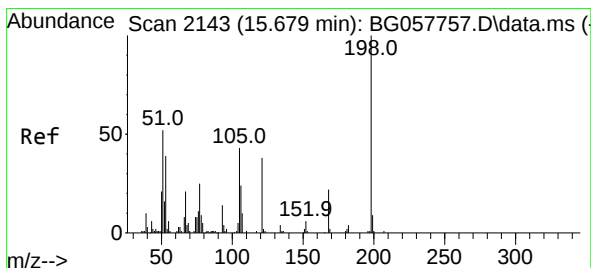
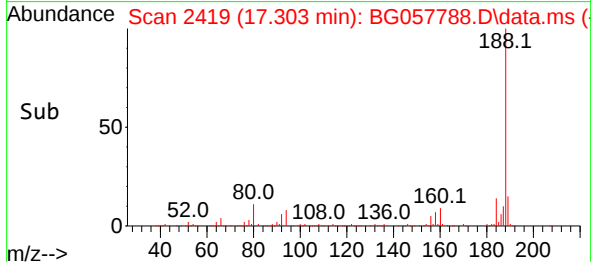
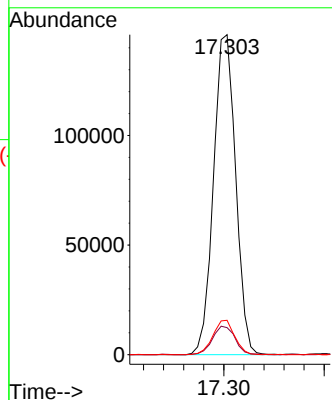
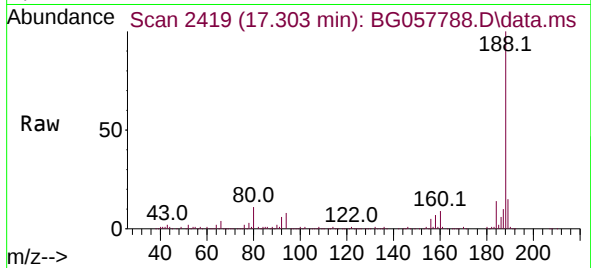




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.303 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

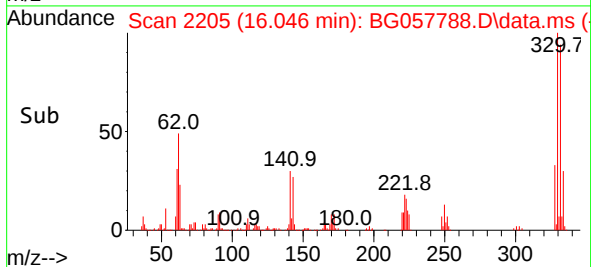
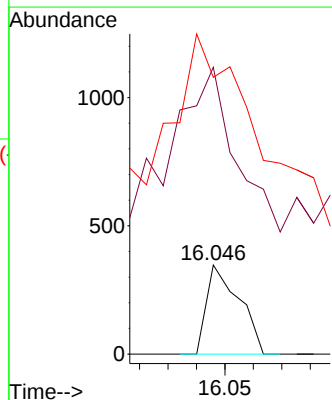
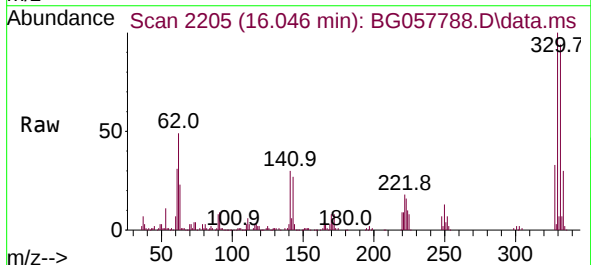
Instrument :
BNA_G
ClientSampleId :

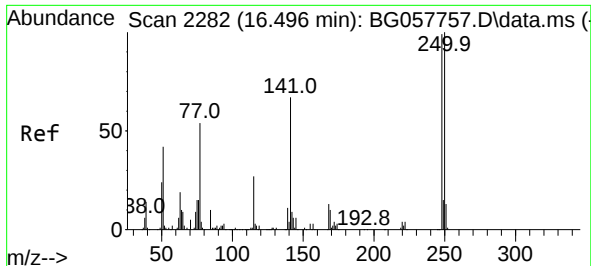
Tgt Ion:188 Resp: 223528
Ion Ratio Lower Upper
188 100
94 8.4 6.6 9.8
80 10.7 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.551 ng
RT: 16.046 min Scan# 2205
Delta R.T. 0.367 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

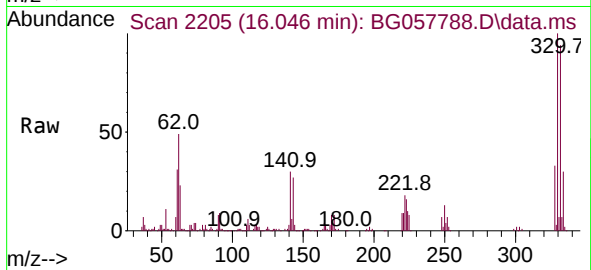
Tgt Ion:198 Resp: 276
Ion Ratio Lower Upper
198 100
51 322.2 36.6 76.6#
105 311.0 24.3 64.3#



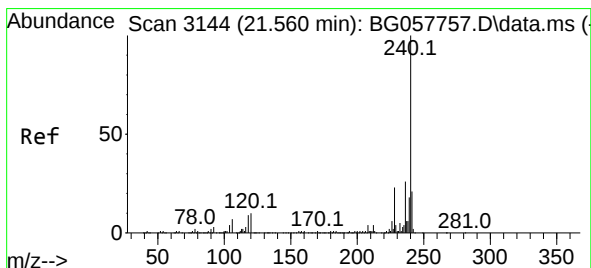
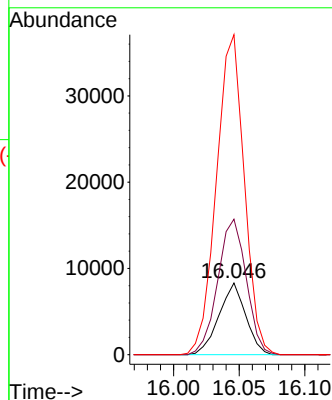
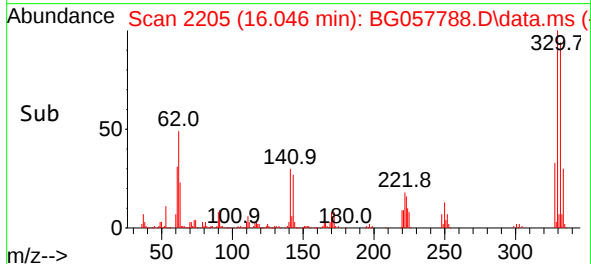


#67
4-Bromophenyl-phenylether
Concen: 4.977 ng
RT: 16.046 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Instrument :
BNA_G
ClientSampleId :

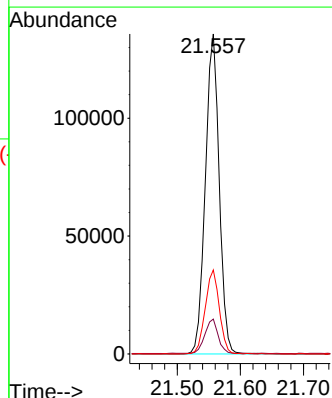
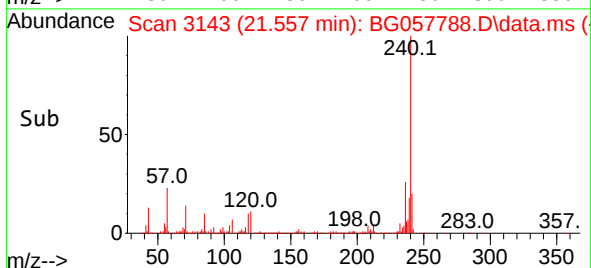
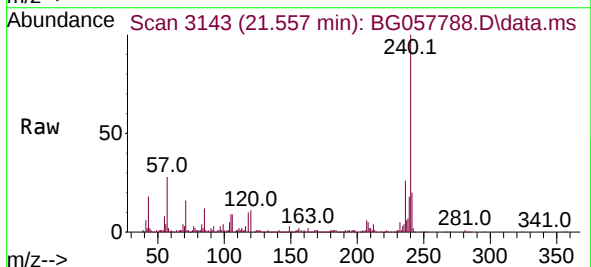


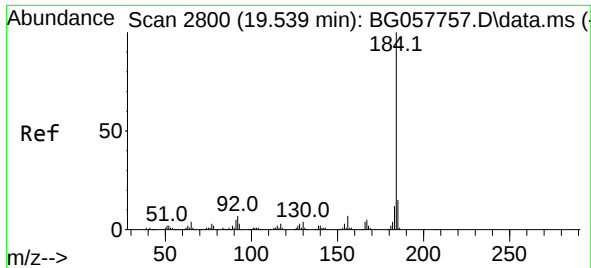
Tgt Ion:248 Resp: 11798
Ion Ratio Lower Upper
248 100
250 188.8 81.1 121.7#
141 445.9 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Tgt Ion:240 Resp: 206819
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 26.2 20.6 30.8

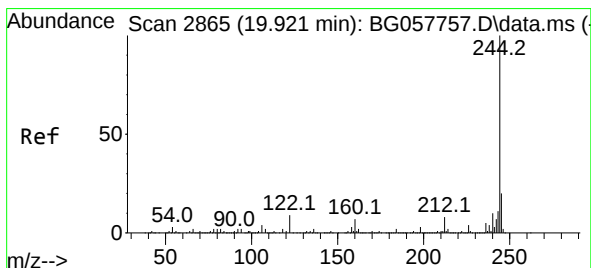
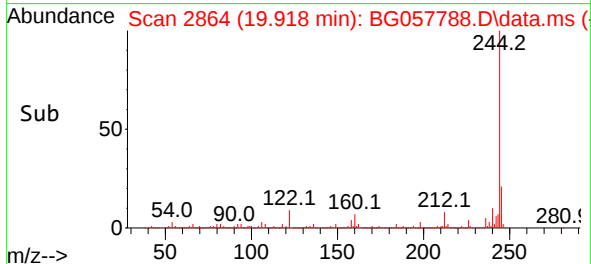
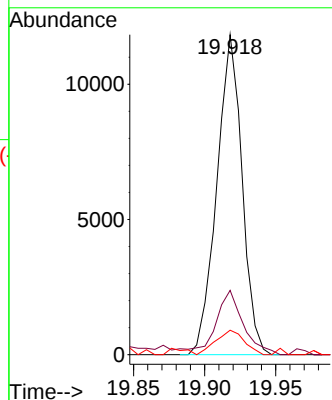
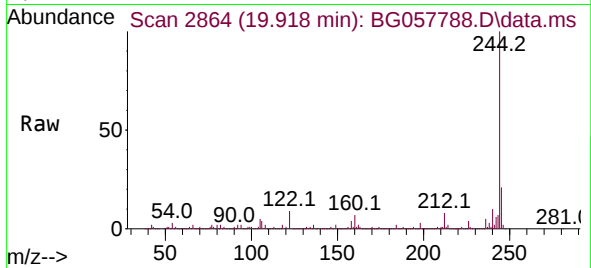




#77
Benzidine
Concen: 3.009 ng
RT: 19.918 min Scan# 2864
Delta R.T. 0.379 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

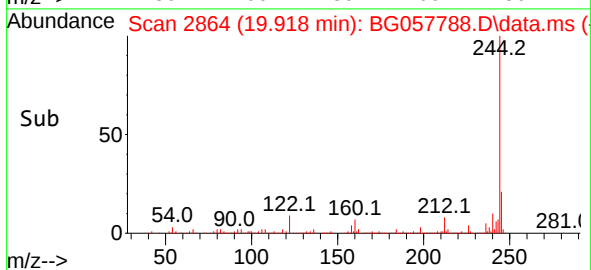
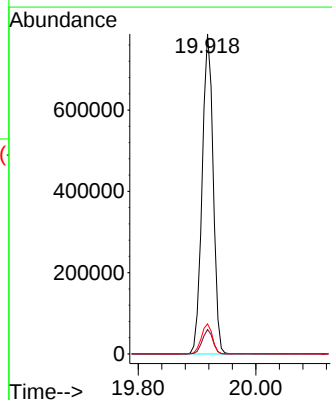
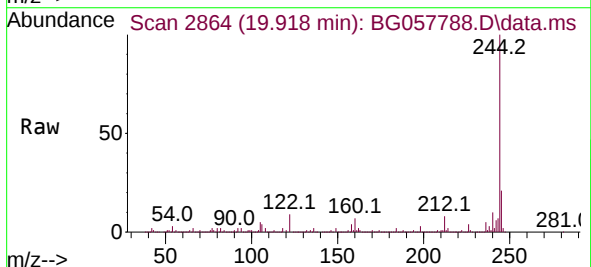
Instrument :
BNA_G
ClientSampleId :

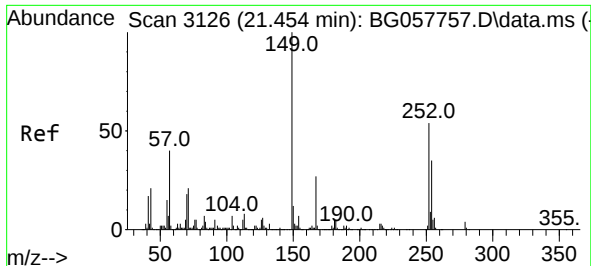
Tgt Ion:184 Resp: 14586
Ion Ratio Lower Upper
184 100
185 20.1 12.0 18.0#
183 7.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.107 ng
RT: 19.918 min Scan# 2864
Delta R.T. -0.003 min
Lab File: BG057788.D
Acq: 21 Jun 2023 17:21

Tgt Ion:244 Resp: 1021604
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 9.4 7.6 11.4

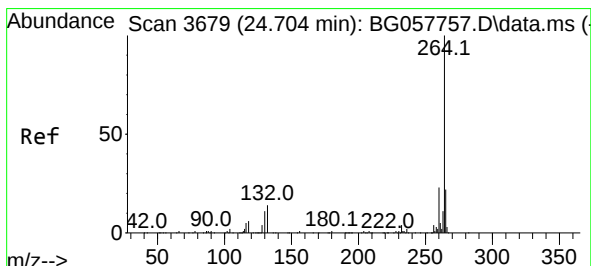
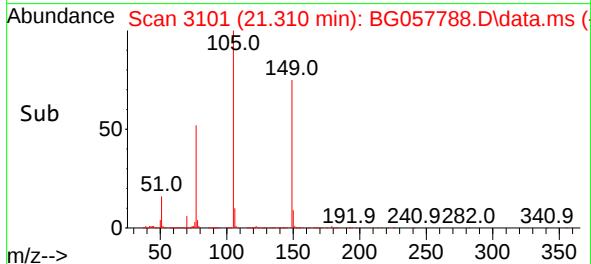
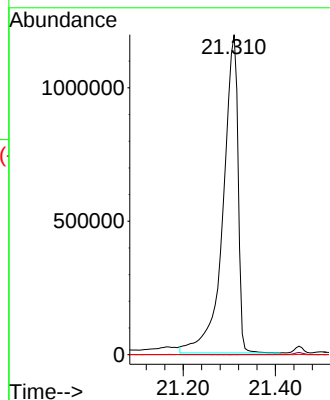
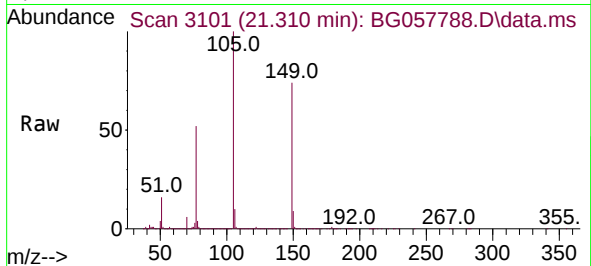




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 328.251 ng
 RT: 21.310 min Scan# 3126
 Delta R.T. -0.144 min
 Lab File: BG057788.D
 Acq: 21 Jun 2023 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:149 Resp: 2674743
 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: 24.700 min Scan# 3678
 Delta R.T. -0.003 min
 Lab File: BG057788.D
 Acq: 21 Jun 2023 17:21

Tgt Ion:264 Resp: 261478
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.2 17.4 26.2

