

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057161.D
 Acq On : 24 Apr 2023 21:32
 Operator : CG/JU
 Sample : PB152179BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL

Quant Time: Apr 25 05:19:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

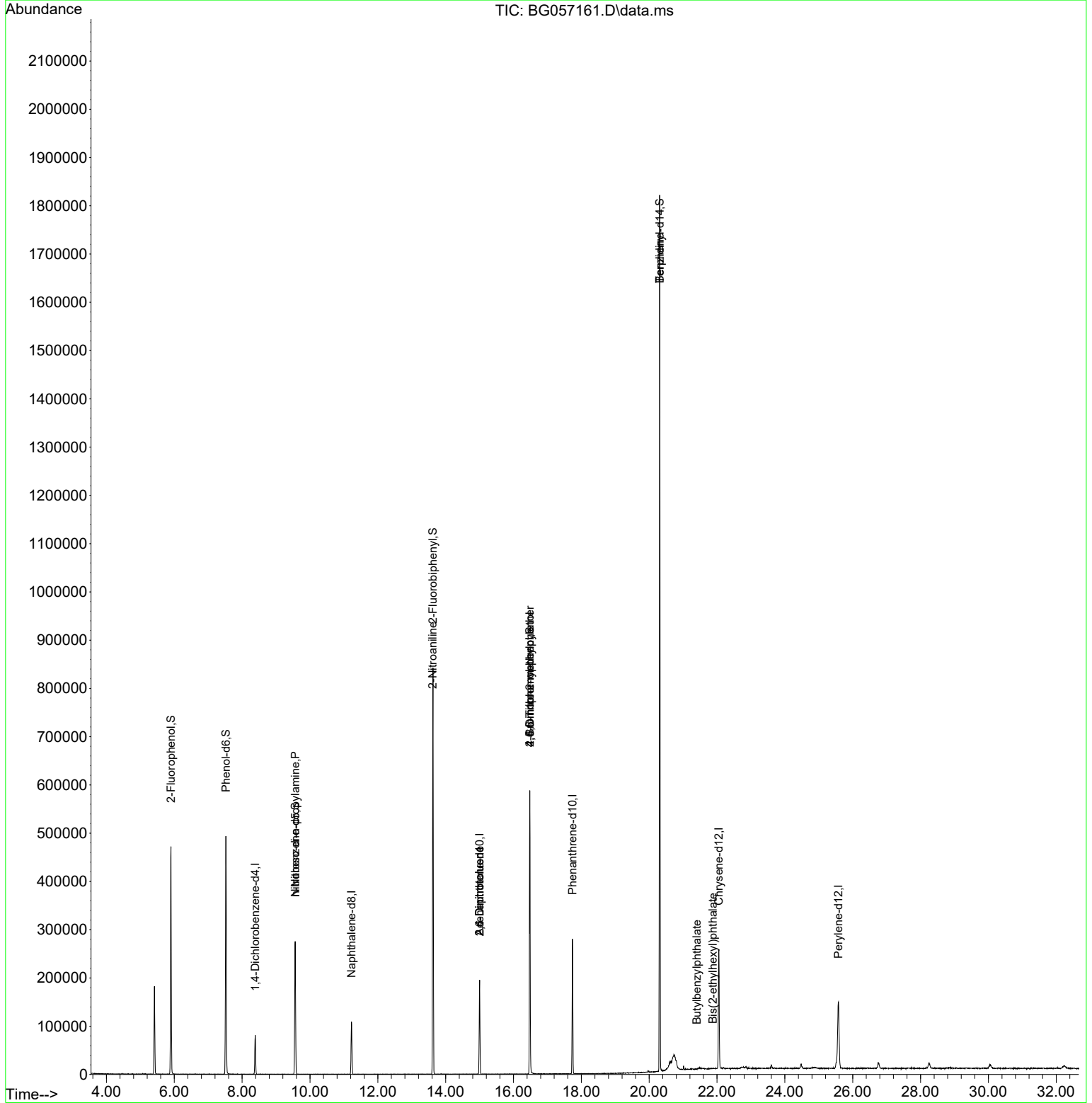
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.386	152	21896	20.000	ng	0.00
21) Naphthalene-d8	11.223	136	91571	20.000	ng	0.00
39) Acenaphthene-d10	15.000	164	67711	20.000	ng	0.00
64) Phenanthrene-d10	17.738	188	177763	20.000	ng	0.00
76) Chrysene-d12	22.056	240	165163	20.000	ng	0.00
86) Perylene-d12	25.574	264	169634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.901	112	201012	166.363	ng	0.00
7) Phenol-d6	7.522	99	280318	160.346	ng	0.00
23) Nitrobenzene-d5	9.567	82	179382	96.843	ng	0.00
42) 2,4,6-Tribromophenol	16.481	330	112198	125.587	ng	0.00
45) 2-Fluorobiphenyl	13.626	172	434201	86.179	ng	0.00
79) Terphenyl-d14	20.311	244	885664	93.794	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.567	70	24017	22.087	ng	# 85
48) 2-Nitroaniline	13.620	65	769	5.356	ng	# 12
51) 2,6-Dinitrotoluene	15.000	165	8450	8.519	ng	# 21
57) 2,4-Dinitrotoluene	15.000	165	8450	6.255	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.481	198	306	5.175	ng	# 1
67) 4-Bromophenyl-phenylether	16.481	248	7728	3.615	ng	# 1
77) Benzidine	20.311	184	14018	5.632	ng	# 89
80) Butylbenzylphthalate	21.404	149	57	3.232	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.879	149	269	3.589	ng	# 53

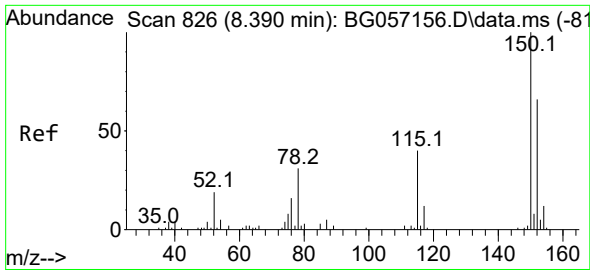
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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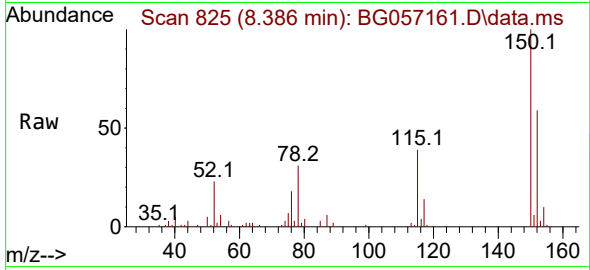
Quant Time: Apr 25 05:19:17 2023
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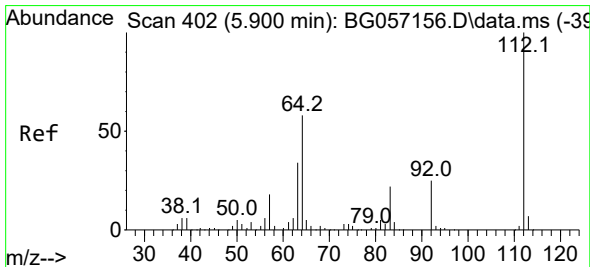
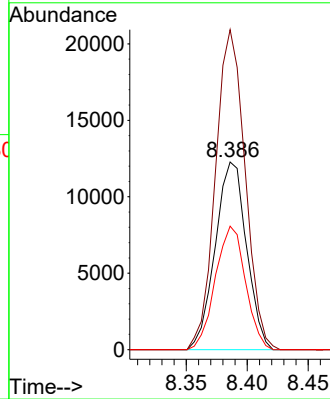
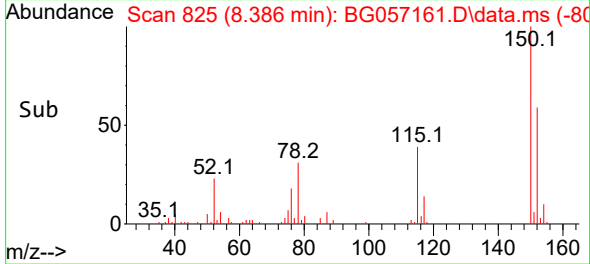


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.386 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

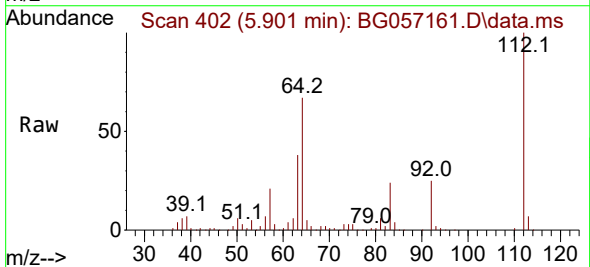
Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL



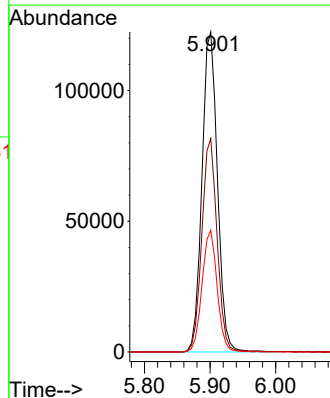
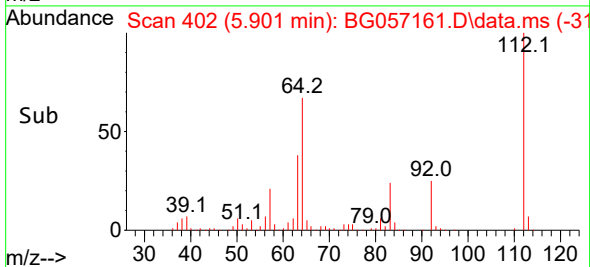
Tgt Ion:152 Resp: 21896
 Ion Ratio Lower Upper
 152 100
 150 170.5 121.4 182.2
 115 65.8 48.1 72.1

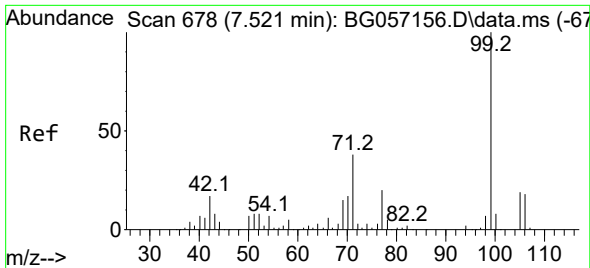


#5
 2-Fluorophenol
 Concen: 166.363 ng
 RT: 5.901 min Scan# 402
 Delta R.T. 0.001 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32



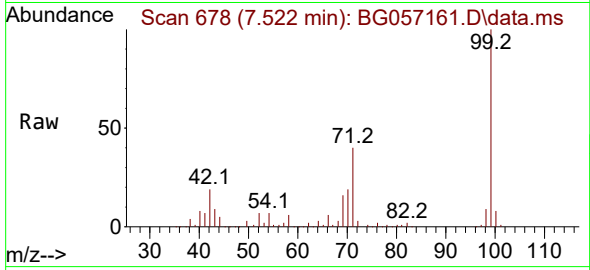
Tgt Ion:112 Resp: 201012
 Ion Ratio Lower Upper
 112 100
 64 66.7 46.7 70.1
 63 38.0 26.9 40.3





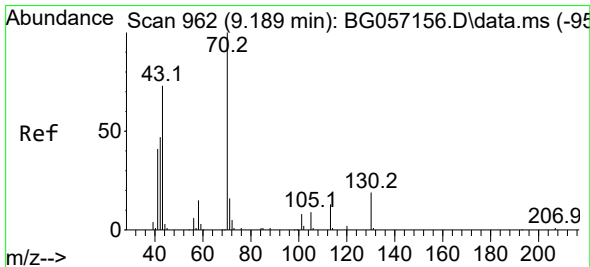
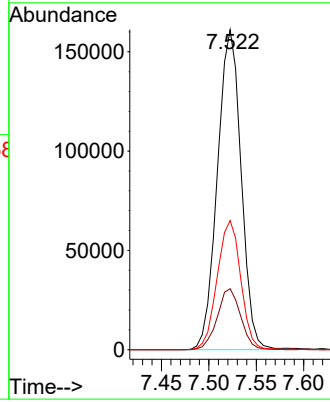
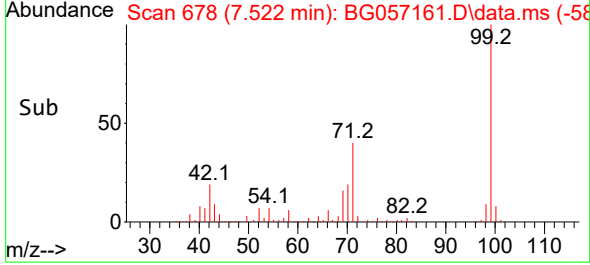
#7
 Phenol-d6
 Concen: 160.346 ng
 RT: 7.522 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL

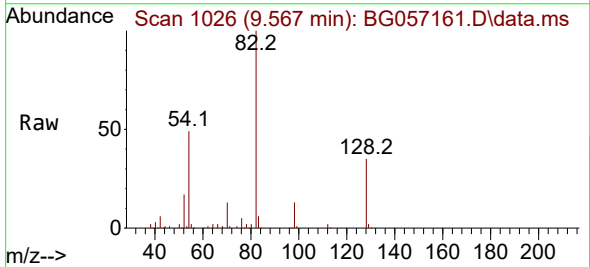


Tgt Ion: 99 Resp: 280318

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.4	20.0
71	40.4	30.2	45.2

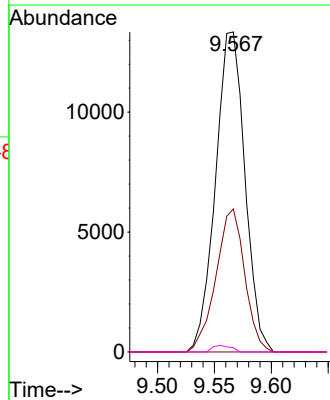
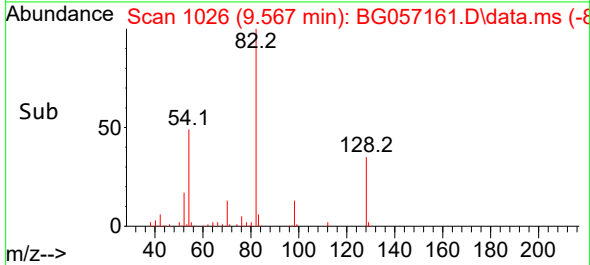


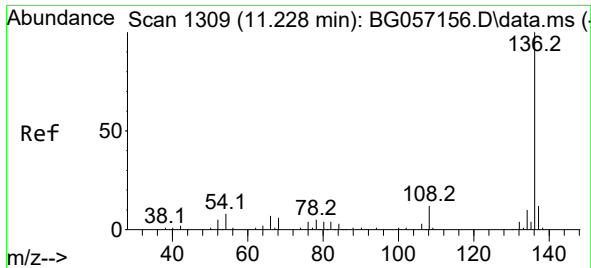
#19
 n-Nitroso-di-n-propylamine
 Concen: 22.087 ng
 RT: 9.567 min Scan# 1026
 Delta R.T. 0.378 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32



Tgt Ion: 70 Resp: 24017

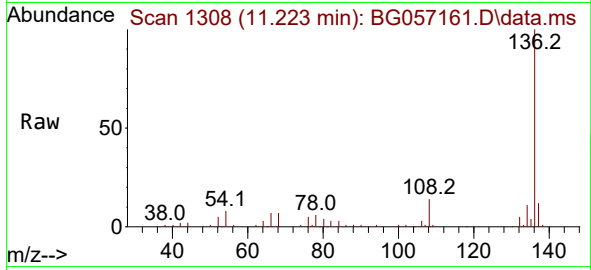
Ion	Ratio	Lower	Upper
70	100		
42	44.7	38.0	57.0
101	0.0	6.6	9.8#
130	1.4	14.9	22.3#





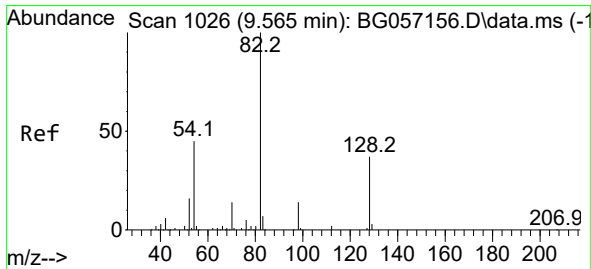
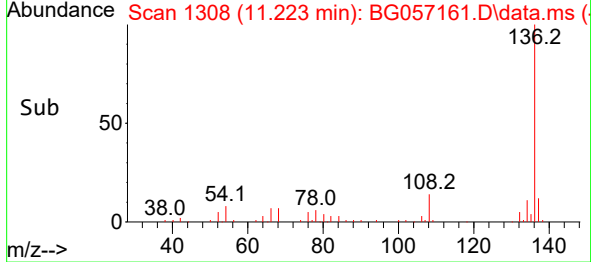
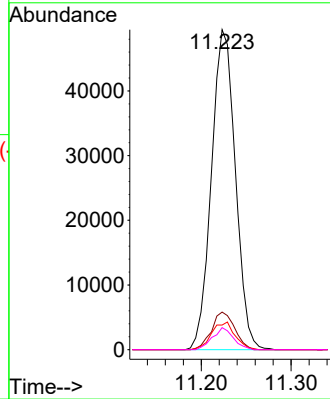
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.223 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL



Tgt Ion:136 Resp: 91571

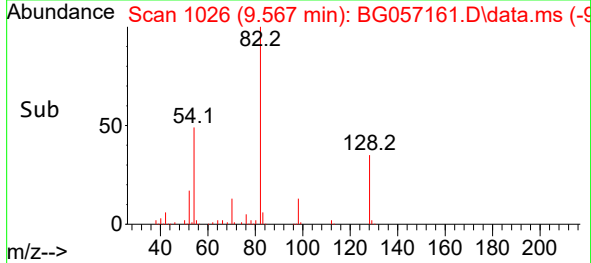
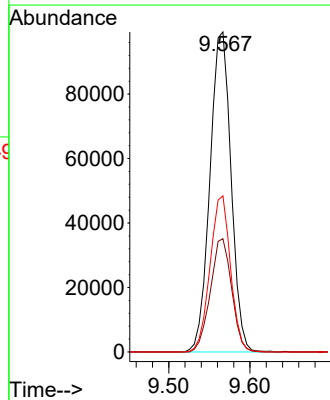
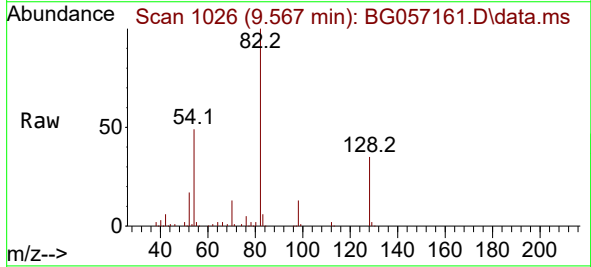
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	7.7	6.4	9.6
68	6.9	4.9	7.3

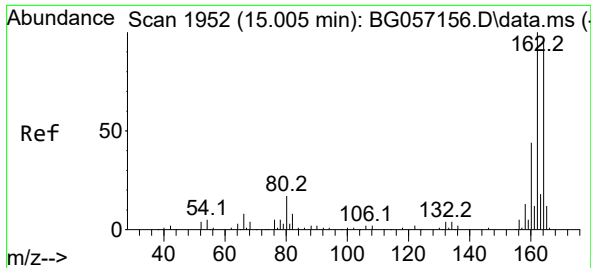


#23
 Nitrobenzene-d5
 Concen: 96.843 ng
 RT: 9.567 min Scan# 1026
 Delta R.T. 0.002 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Tgt Ion: 82 Resp: 179382

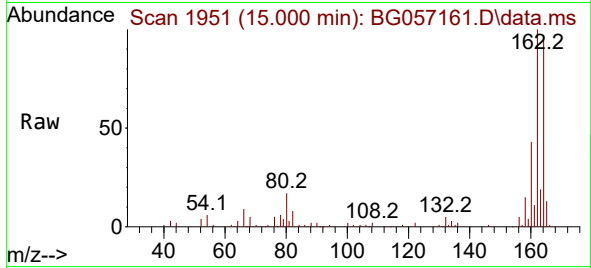
Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.4	44.2
54	48.8	36.2	54.2



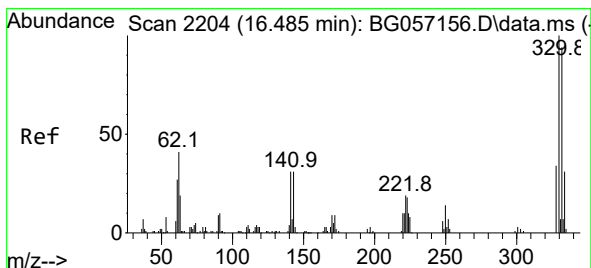
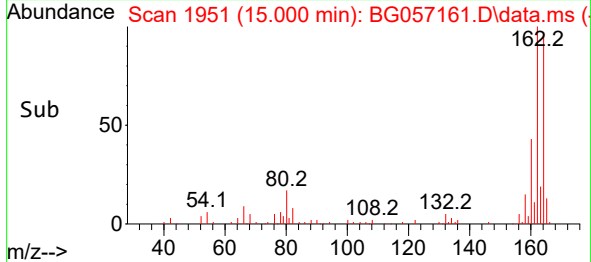
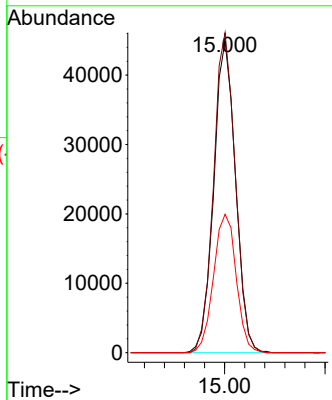


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.000 min Scan# 1951
 Delta R.T. -0.004 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL

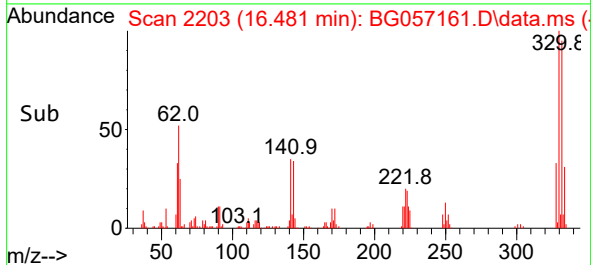
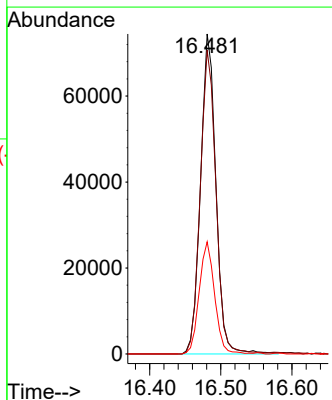
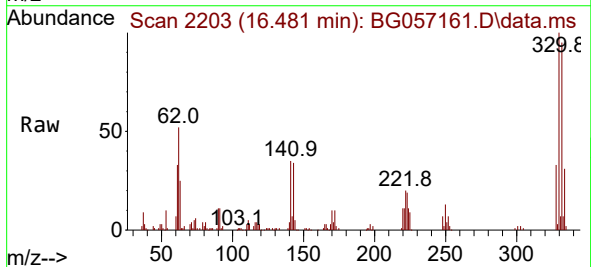


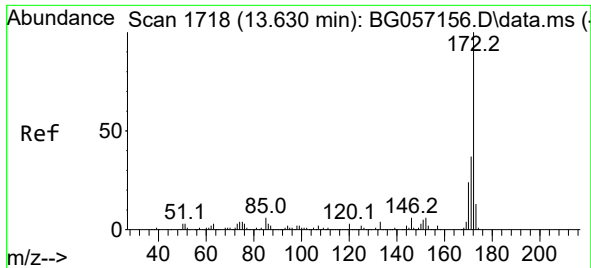
Tgt Ion:164 Resp: 67711
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.4 123.6
 160 44.4 36.2 54.2



#42
 2,4,6-Tribromophenol
 Concen: 125.587 ng
 RT: 16.481 min Scan# 2203
 Delta R.T. -0.004 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Tgt Ion:330 Resp: 112198
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 35.2 26.0 39.0





#45
 2-Fluorobiphenyl
 Concen: 86.179 ng
 RT: 13.626 min Scan# 1716
 Delta R.T. -0.004 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Instrument :

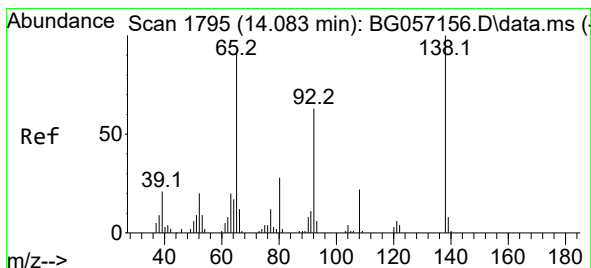
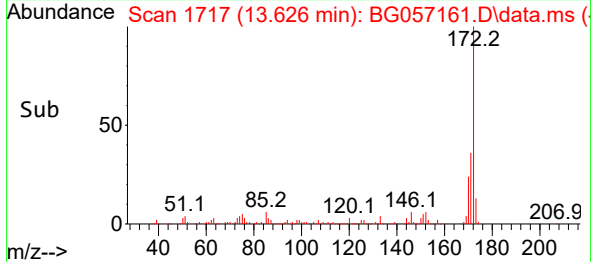
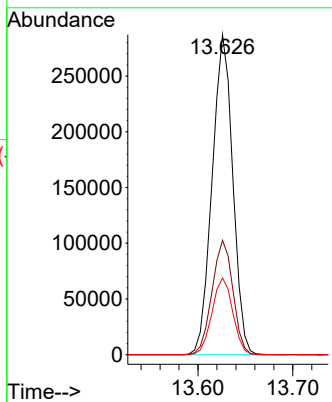
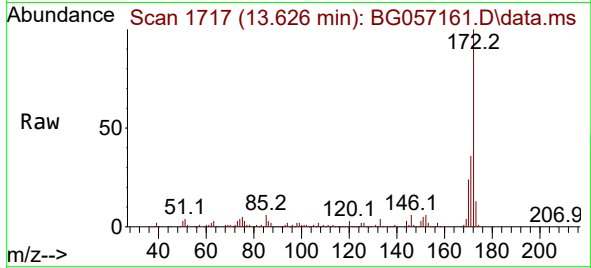
BNA_G

ClientSampleId :

PB152179BL

Tgt Ion:172 Resp: 434201

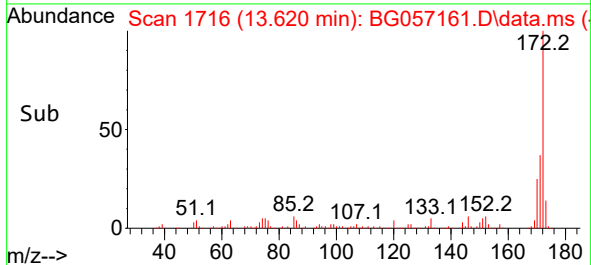
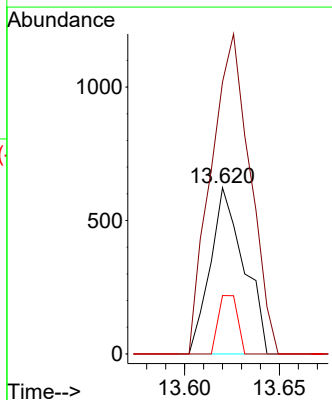
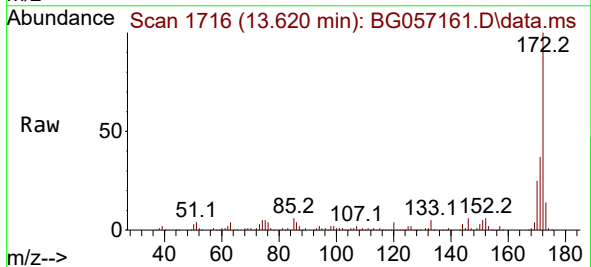
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	24.0	19.4	29.2

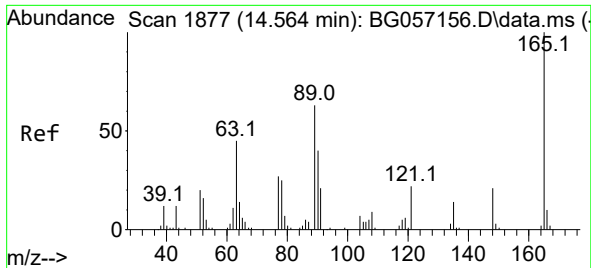


#48
 2-Nitroaniline
 Concen: 5.356 ng
 RT: 13.620 min Scan# 1716
 Delta R.T. -0.463 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Tgt Ion: 65 Resp: 769

Ion	Ratio	Lower	Upper
65	100		
92	163.6	54.9	82.3#
138	35.2	86.6	129.8#

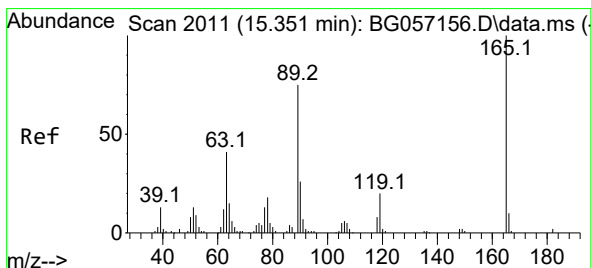
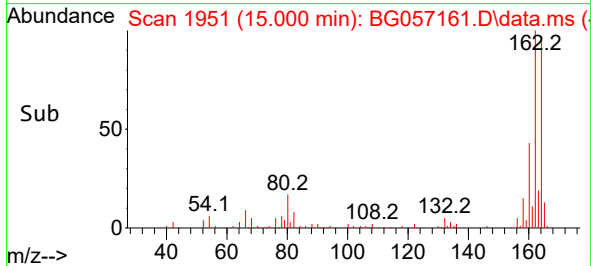
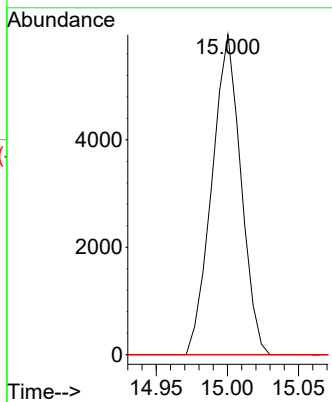
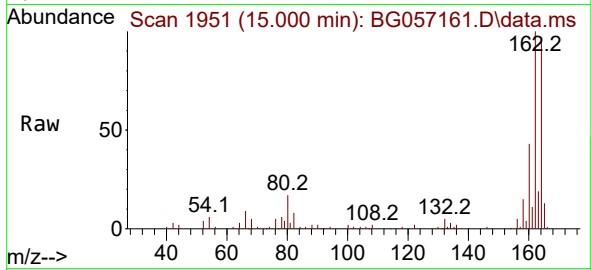




#51
 2,6-Dinitrotoluene
 Concen: 8.519 ng
 RT: 15.000 min Scan# 1951
 Delta R.T. 0.436 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

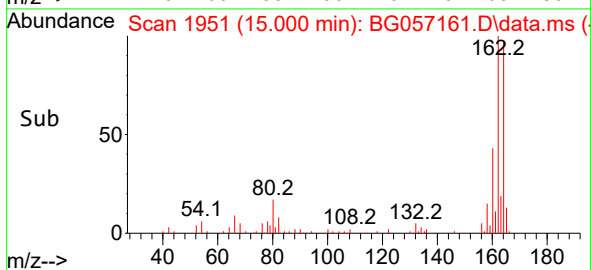
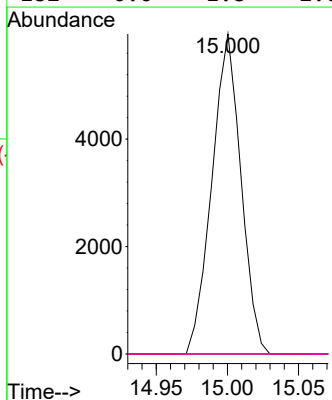
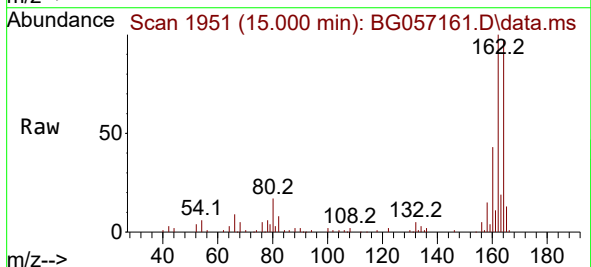
Instrument :
 BNA_G
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 PB152179BL

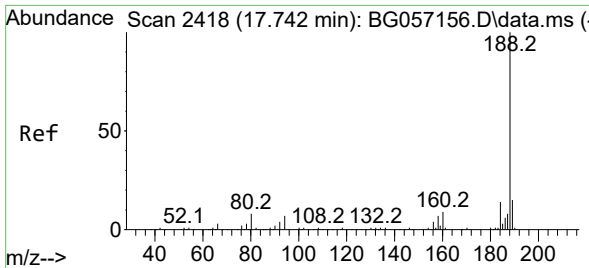
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	45.5	68.3#
89	0.0	50.1	75.1#



#57
 2,4-Dinitrotoluene
 Concen: 6.255 ng
 RT: 15.000 min Scan# 1951
 Delta R.T. -0.351 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	33.0	49.4#
89	0.0	60.0	90.0#
182	0.0	1.8	2.6#



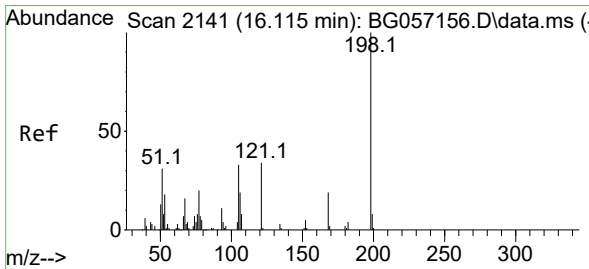
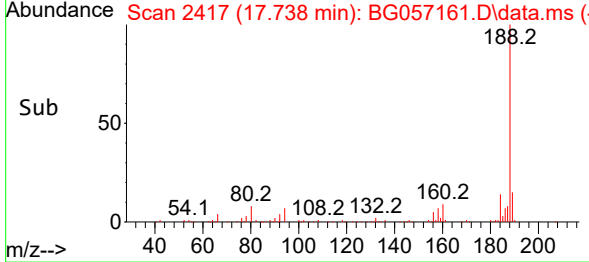
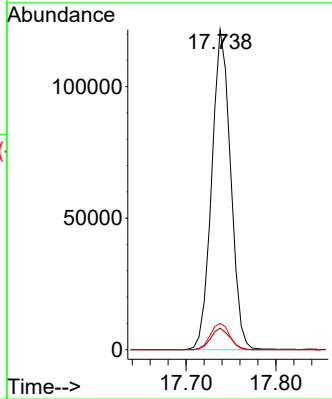
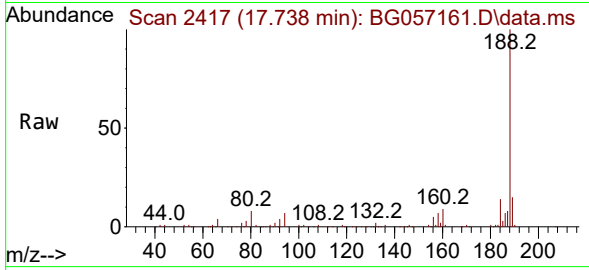


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.738 min Scan# 2418
 Delta R.T. -0.004 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Instrument : BNA_G
 ClientSampleId : PB152179BL

Tgt Ion:188 Resp: 177763

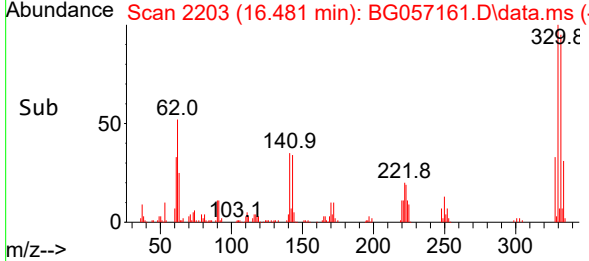
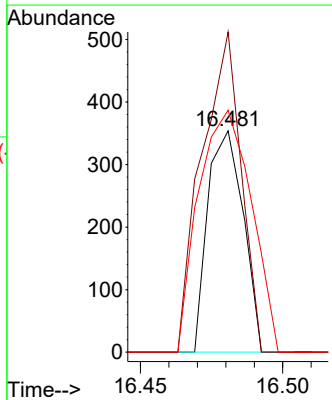
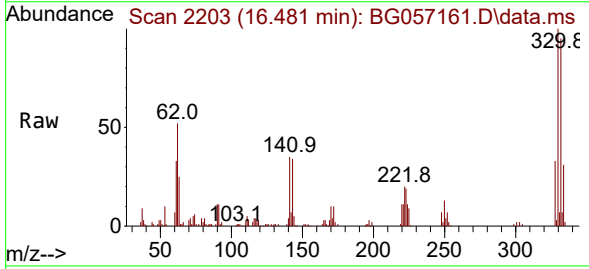
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.4	8.0
80	8.2	6.2	9.2

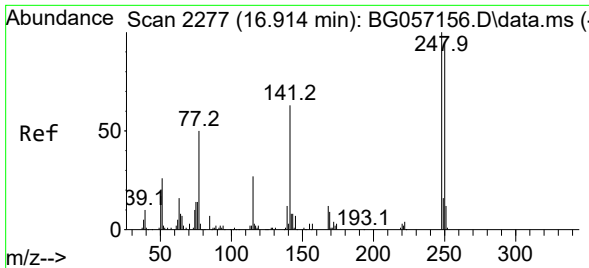


#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.175 ng
 RT: 16.481 min Scan# 2203
 Delta R.T. 0.366 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Tgt Ion:198 Resp: 306

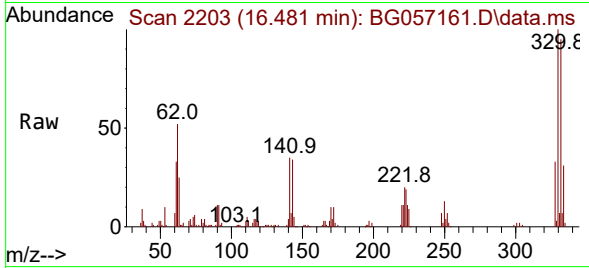
Ion	Ratio	Lower	Upper
198	100		
51	144.6	13.1	53.1#
105	109.3	14.1	54.1#



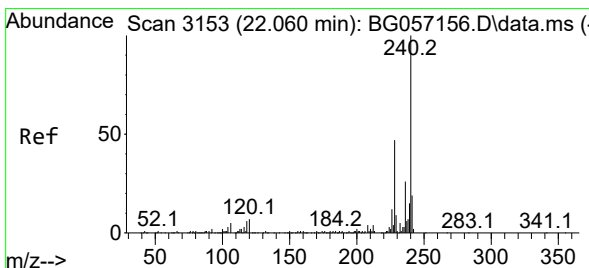
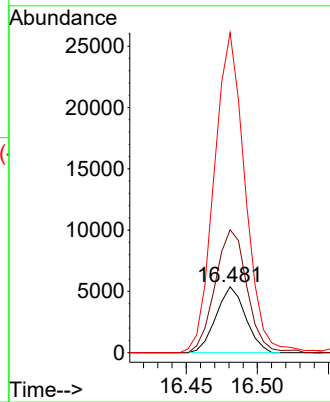
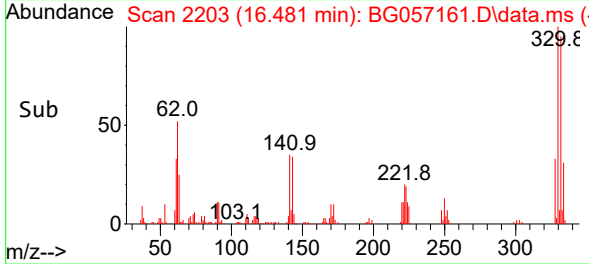


#67
 4-Bromophenyl-phenylether
 Concen: 3.615 ng
 RT: 16.481 min Scan# 211
 Delta R.T. -0.433 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

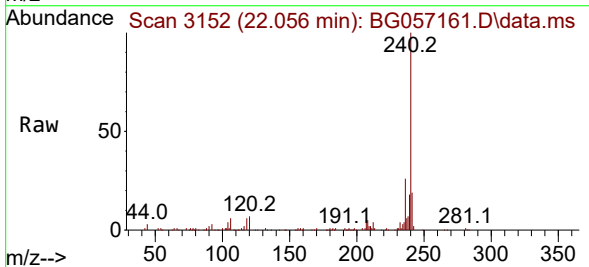
Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL



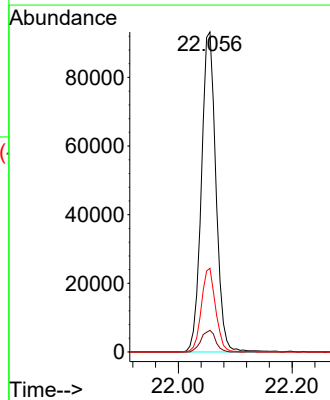
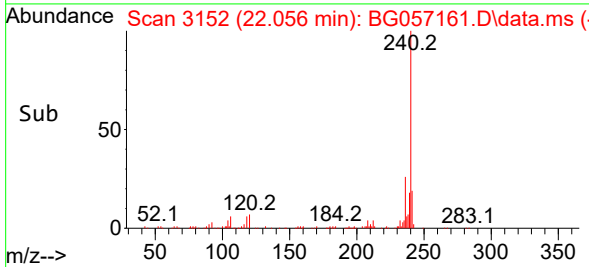
Tgt Ion:248 Resp: 7728
 Ion Ratio Lower Upper
 248 100
 250 186.2 75.8 113.8#
 141 485.0 50.1 75.1#

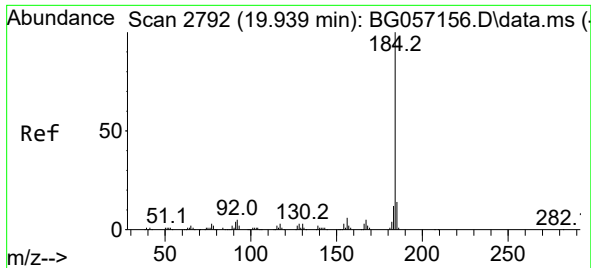


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.056 min Scan# 3152
 Delta R.T. -0.004 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32



Tgt Ion:240 Resp: 165163
 Ion Ratio Lower Upper
 240 100
 120 6.7 5.5 8.3
 236 26.2 20.8 31.2



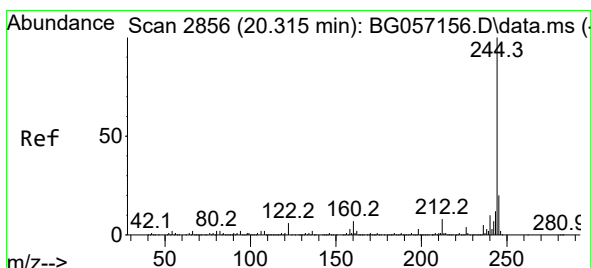
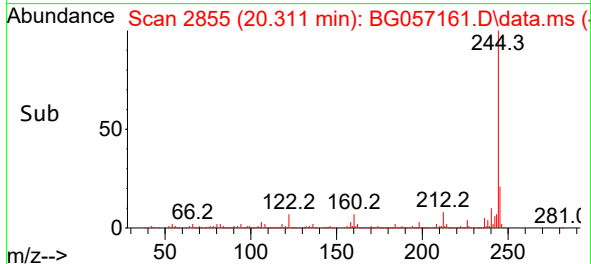
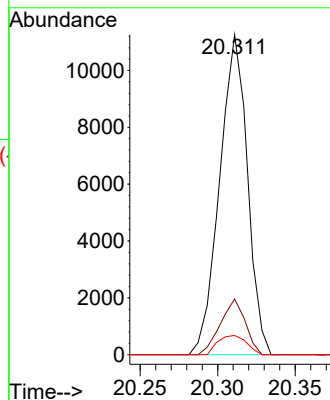
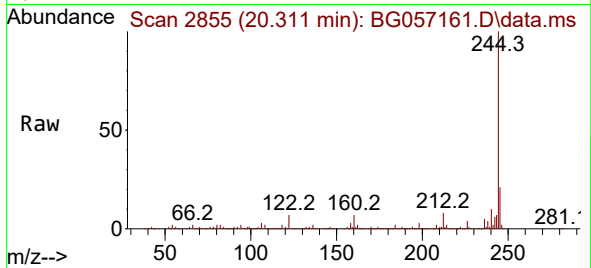


#77
 Benzidine
 Concen: 5.632 ng
 RT: 20.311 min Scan# 2855
 Delta R.T. 0.372 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL

Tgt Ion:184 Resp: 14018

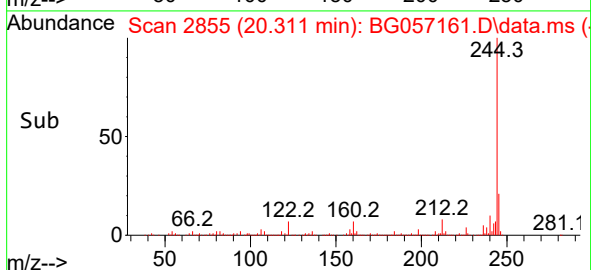
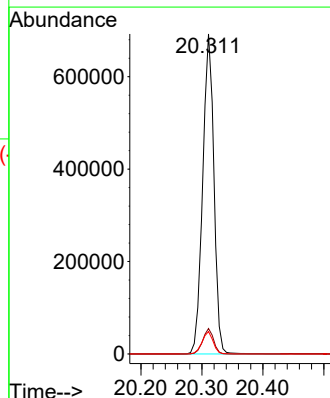
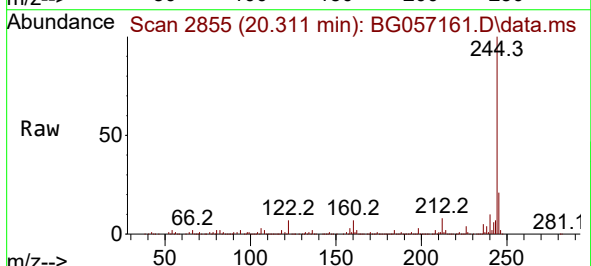
Ion	Ratio	Lower	Upper
184	100		
185	17.4	11.3	16.9#
183	6.0	9.4	14.0#

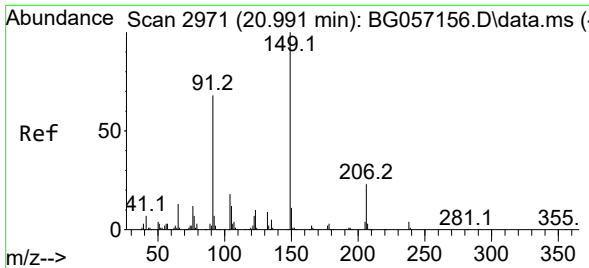


#79
 Terphenyl-d14
 Concen: 93.794 ng
 RT: 20.311 min Scan# 2855
 Delta R.T. -0.004 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Tgt Ion:244 Resp: 885664

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	7.0	5.0	7.4

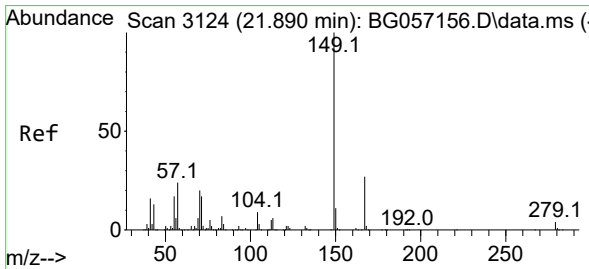
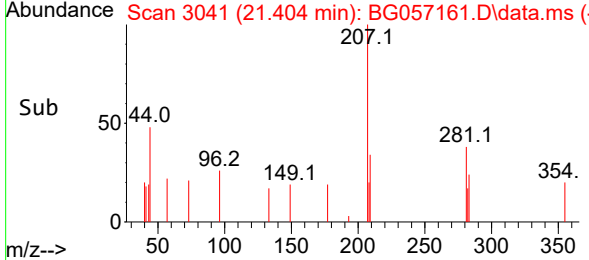
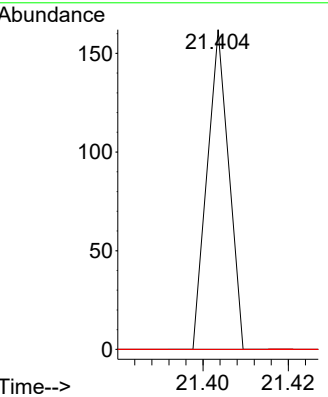
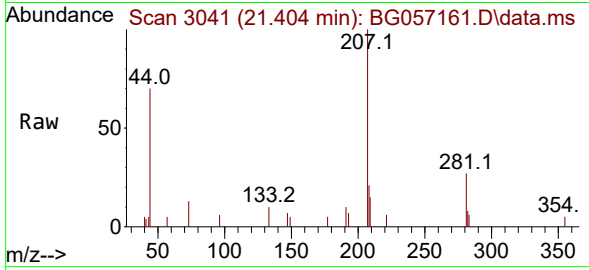




#80
 Butylbenzylphthalate
 Concen: 3.232 ng
 RT: 21.404 min Scan# 3041
 Delta R.T. 0.413 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

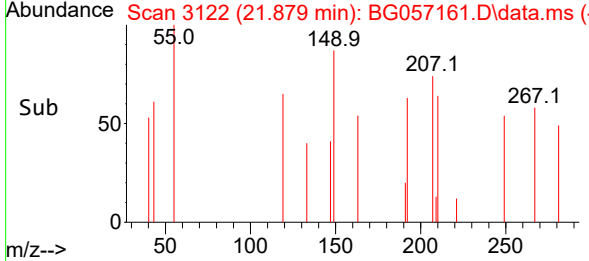
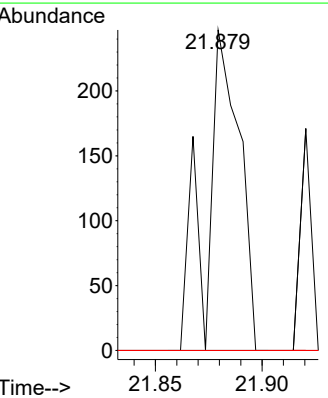
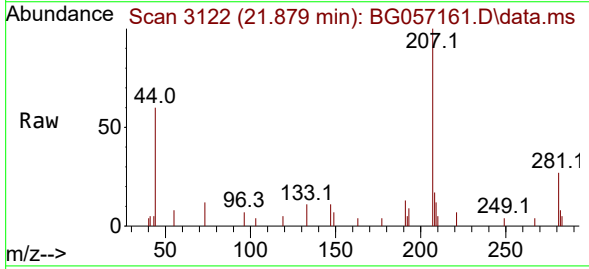
Instrument : BNA_G
 ClientSampleId : PB152179BL

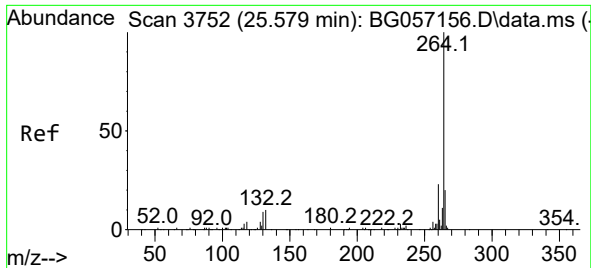
Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	54.1	81.1#
206	0.0	18.2	27.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.589 ng
 RT: 21.879 min Scan# 3122
 Delta R.T. -0.011 min
 Lab File: BG057161.D
 Acq: 24 Apr 2023 21:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.9	32.9#
279	0.0	3.3	4.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.574 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG057161.D

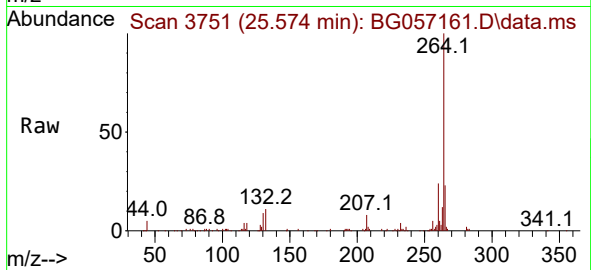
Acq: 24 Apr 2023 21:32

Instrument :

BNA_G

ClientSampleId :

PB152179BL



Tgt Ion:264 Resp: 169634

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.5 16.4 24.6

