

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057736.D
 Acq On : 16 Jun 2023 15:54
 Operator : CG/JU
 Sample : PB153486BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153486BL

Quant Time: Jun 17 03:56:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

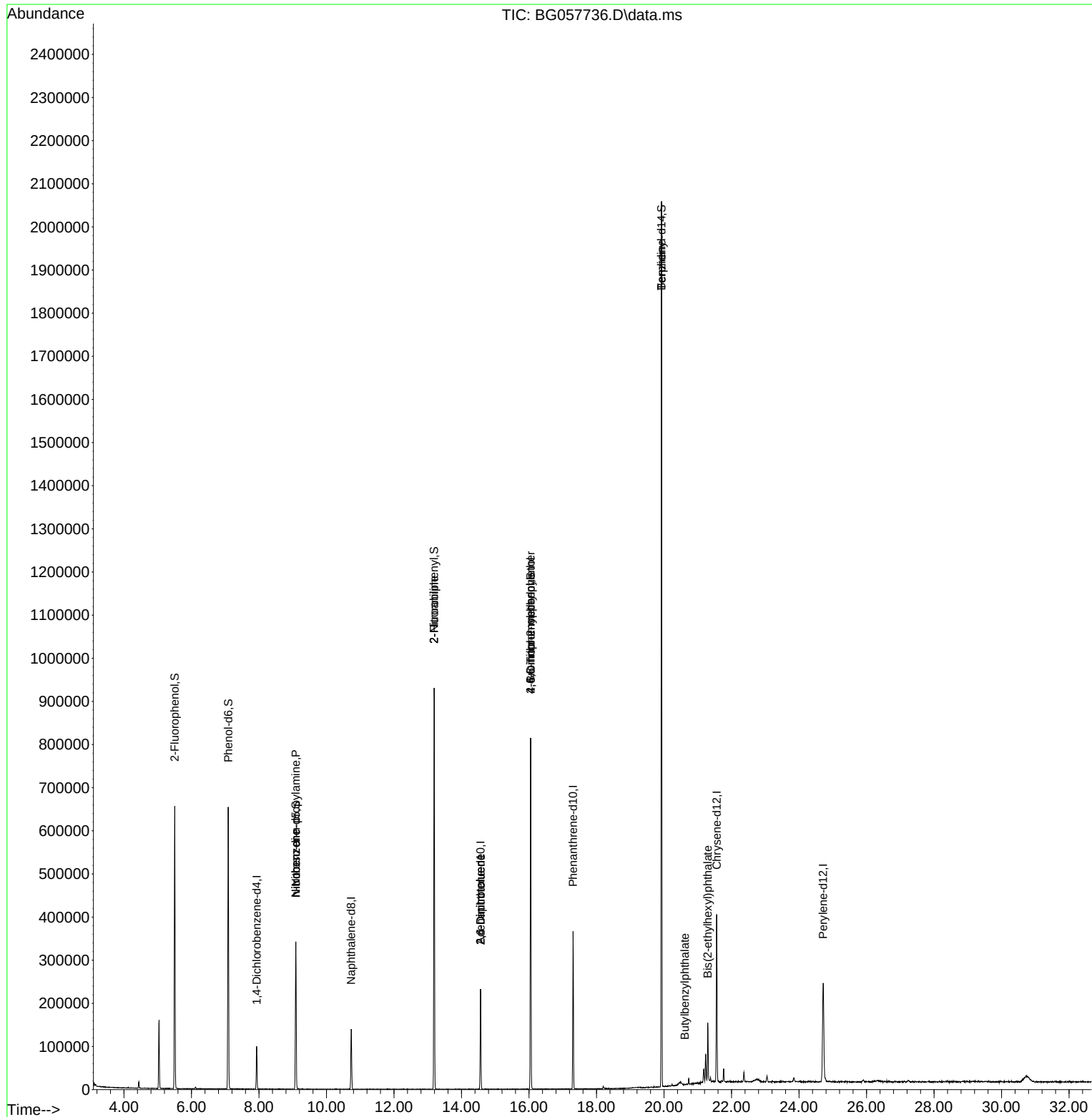
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	25296	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	115679	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	84063	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	222577	20.000	ng	-0.01
76) Chrysene-d12	21.561	240	212893	20.000	ng	-0.01
86) Perylene-d12	24.716	264	248658	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	256425	165.060	ng	0.00
7) Phenol-d6	7.089	99	362874	152.047	ng	0.00
23) Nitrobenzene-d5	9.093	82	196779	102.085	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	157769	168.223	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	496764	88.086	ng	-0.01
79) Terphenyl-d14	19.927	244	1038872	90.220	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	24910	14.435	ng	# 79
24) Nitrobenzene	9.093	77	635	5.349	ng	# 44
48) 2-Nitroaniline	13.188	65	772	4.918	ng	# 5
51) 2,6-Dinitrotoluene	14.563	165	10414	17.111	ng	# 12
57) 2,4-Dinitrotoluene	14.563	165	10414	14.225	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.049	198	375	2.668	ng	# 1
67) 4-Bromophenyl-phenylether	16.049	248	10541	4.651	ng	# 1
77) Benzidine	19.927	184	14678	2.892	ng	# 94
80) Butylbenzylphthalate	20.615	149	206	4.141	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.296	149	56645	7.591	ng	# 52

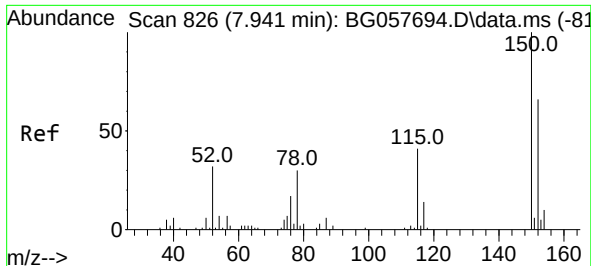
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
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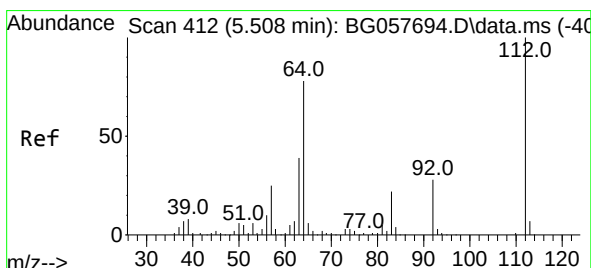
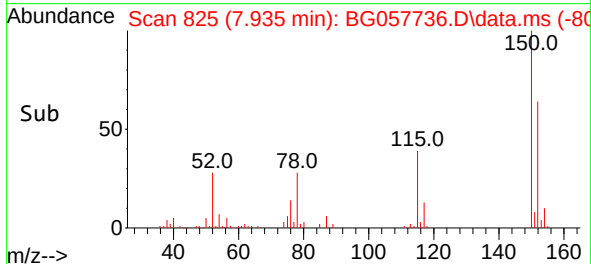
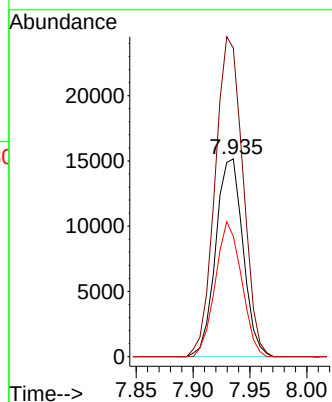
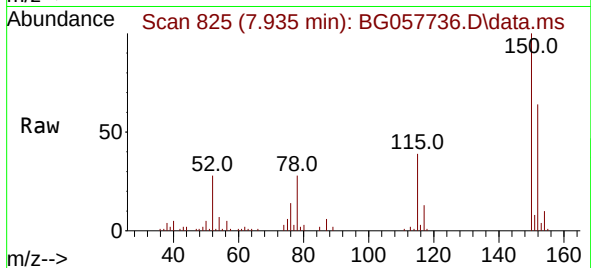




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

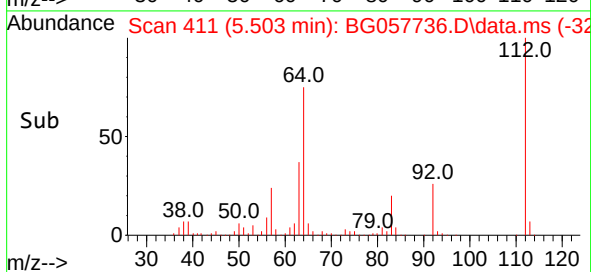
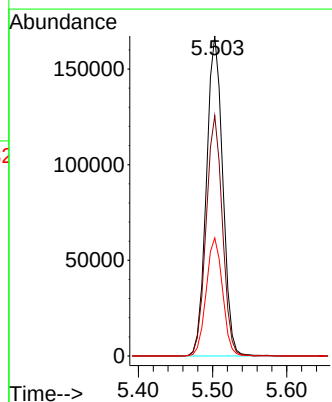
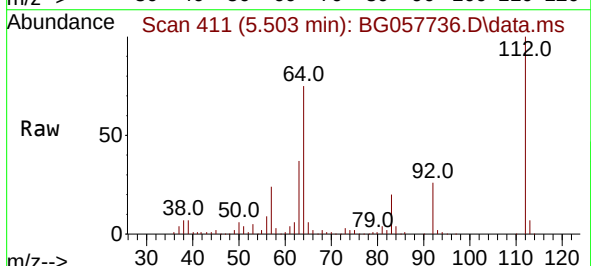
Instrument :
BNA_G
ClientSampleId :
PB153486BL

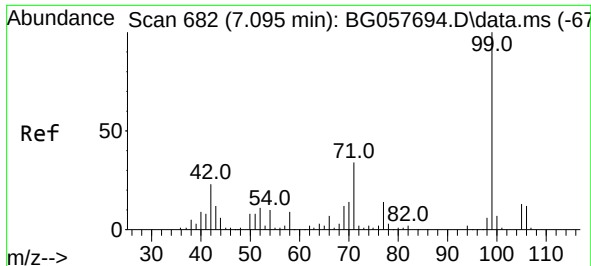
Tgt Ion:152 Resp: 25296
Ion Ratio Lower Upper
152 100
150 156.0 120.8 181.2
115 60.9 49.4 74.2



#5
2-Fluorophenol
Concen: 165.060 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Tgt Ion:112 Resp: 256425
Ion Ratio Lower Upper
112 100
64 75.1 62.3 93.5
63 36.9 31.5 47.3

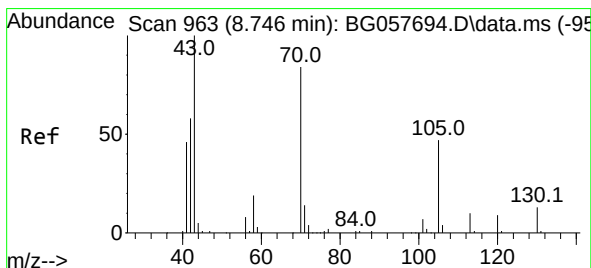
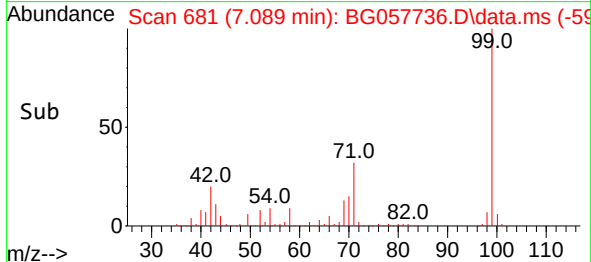
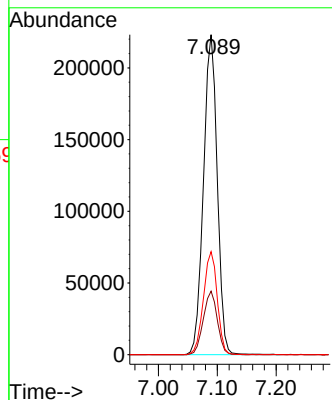
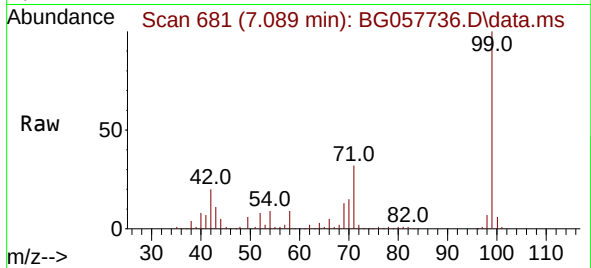




#7
Phenol-d6
Concen: 152.047 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

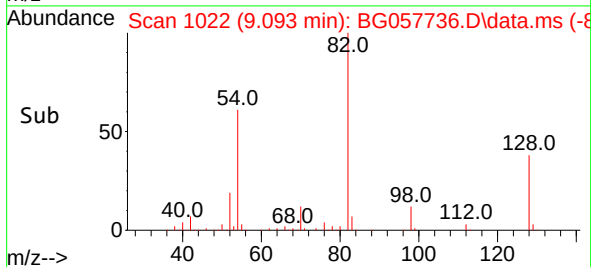
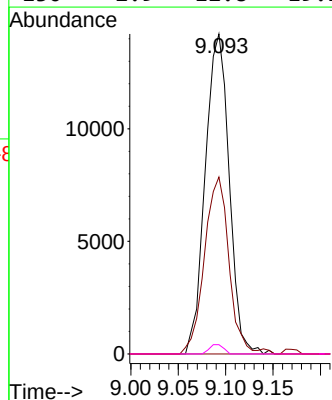
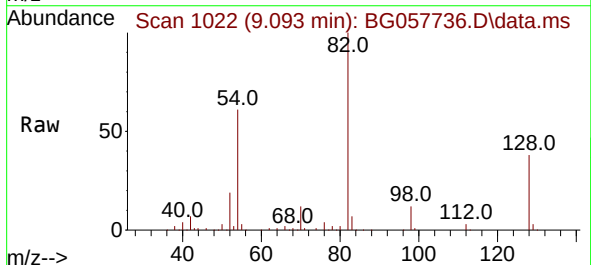
Instrument :
BNA_G
ClientSampleId :
PB153486BL

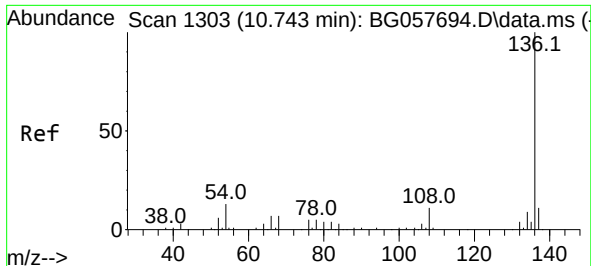
Tgt Ion: 99 Resp: 362874
Ion Ratio Lower Upper
99 100
42 19.9 18.3 27.5
71 32.2 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.435 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.346 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Tgt Ion: 70 Resp: 24910
Ion Ratio Lower Upper
70 100
42 55.3 56.6 84.8#
101 0.0 6.2 9.4#
130 2.9 12.8 19.2#

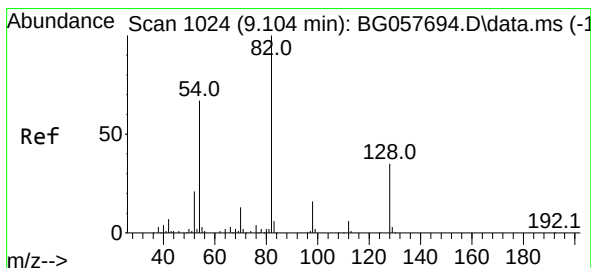
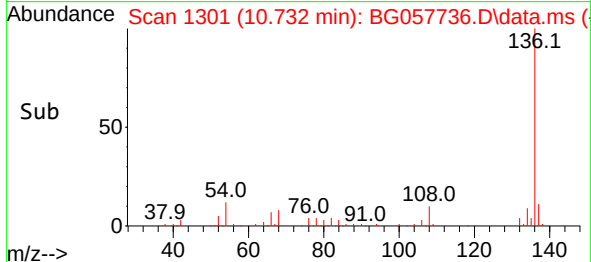
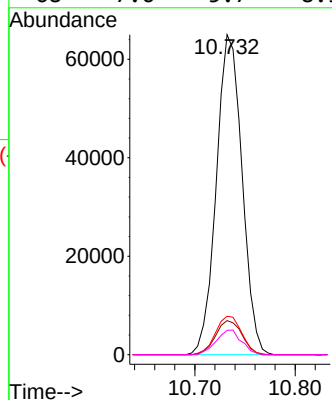
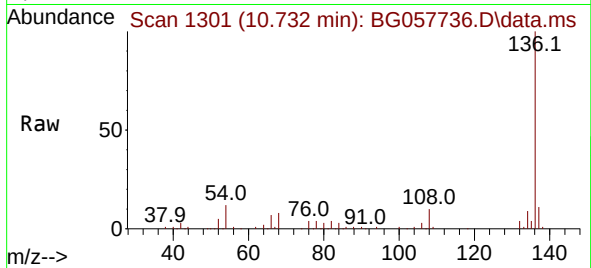




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

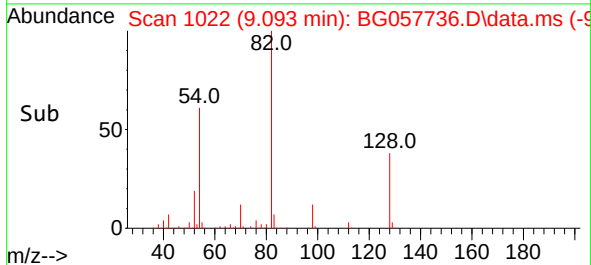
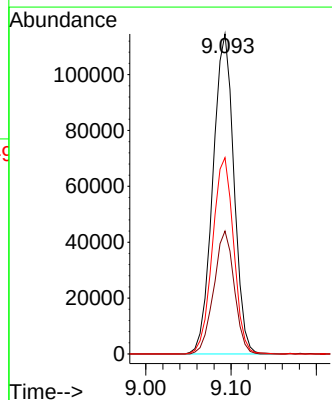
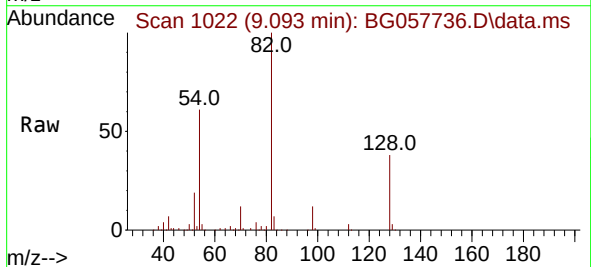
Instrument :
BNA_G
ClientSampleId :
PB153486BL

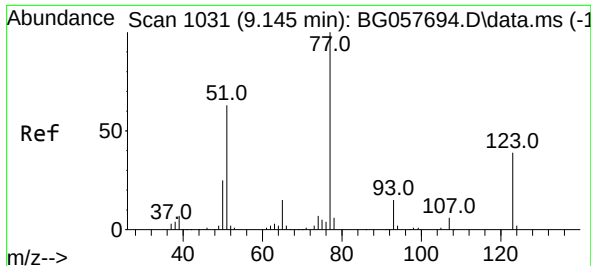
Tgt Ion:136	Resp:	115679
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.6 13.0
54	12.0	10.8 16.2
68	7.6	5.7 8.5



#23
Nitrobenzene-d5
Concen: 102.085 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Tgt Ion: 82	Resp:	196779
Ion	Ratio	Lower Upper
82	100	
128	38.4	27.7 41.5
54	61.4	53.8 80.8

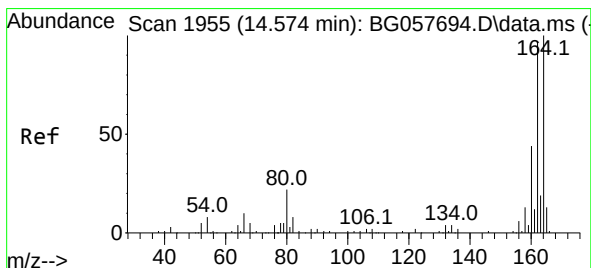
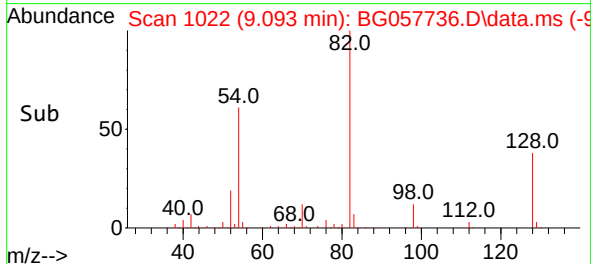
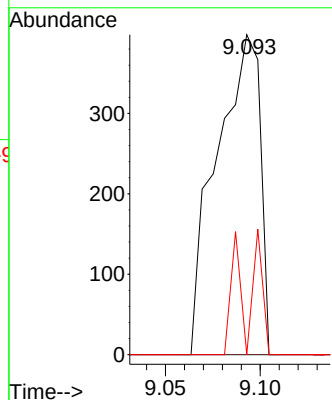
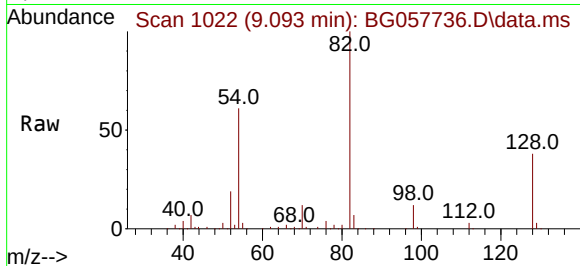




#24
Nitrobenzene
Concen: 5.349 ng
RT: 9.093 min Scan# 1031
Delta R.T. -0.054 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

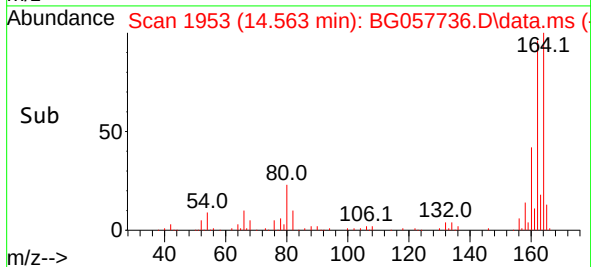
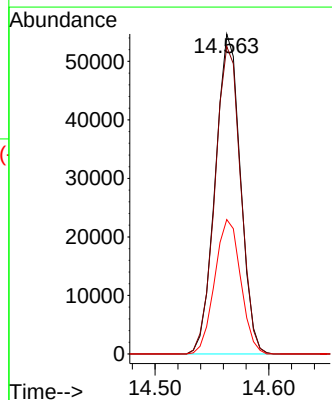
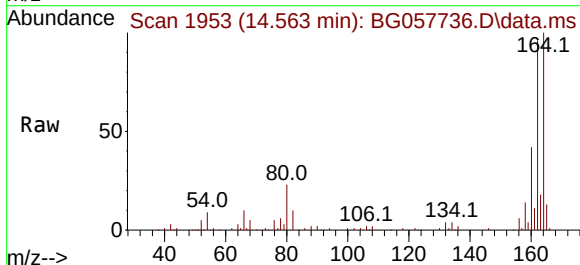
Instrument :
BNA_G
ClientSampleId :
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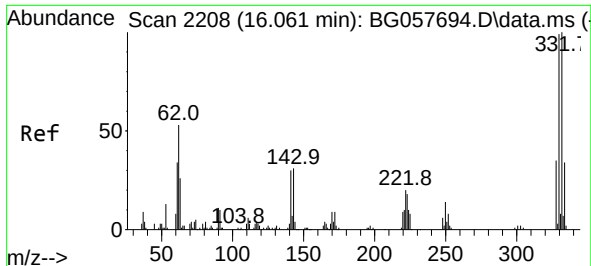
Tgt Ion: 77 Resp: 635
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.013 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

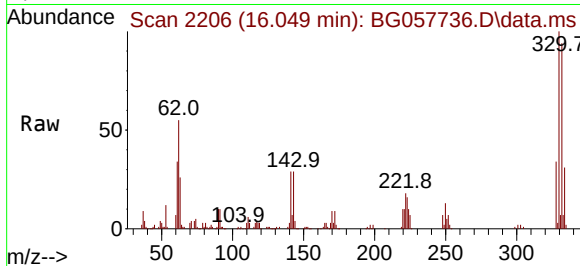
Tgt Ion:164 Resp: 84063
Ion Ratio Lower Upper
164 100
162 96.1 77.7 116.5
160 42.0 35.1 52.7



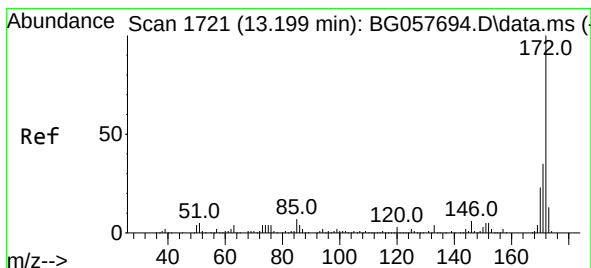
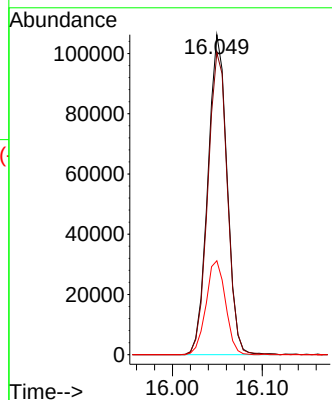
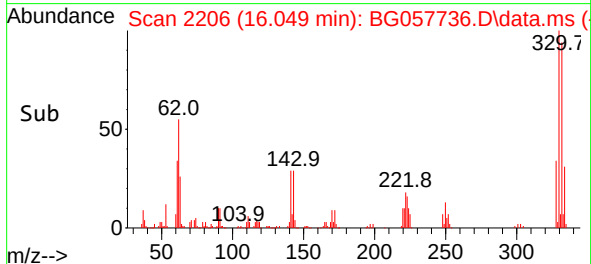


#42
 2,4,6-Tribromophenol
 Concen: 168.223 ng
 RT: 16.049 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG057736.D
 Acq: 16 Jun 2023 15:54

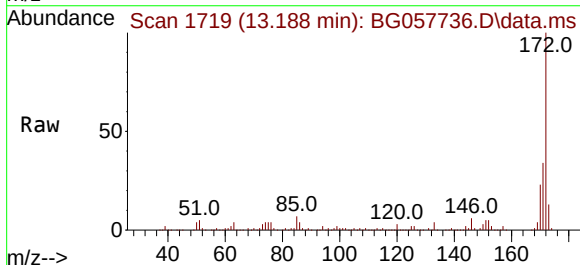
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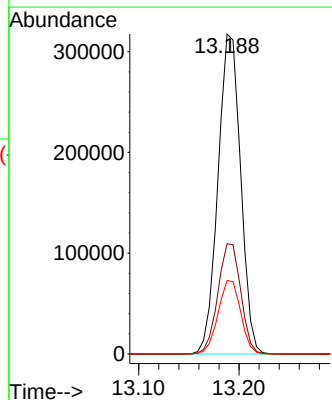
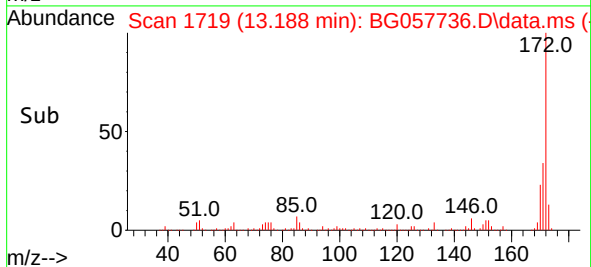
Tgt Ion:330 Resp: 157769
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.6
 141 29.7 25.0 37.6

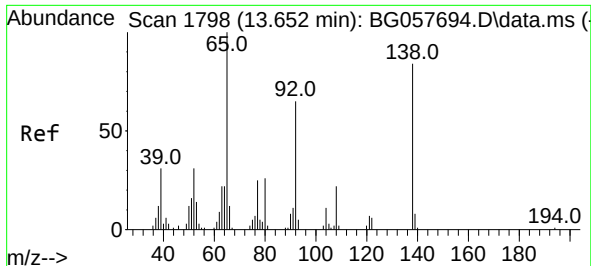


#45
 2-Fluorobiphenyl
 Concen: 88.086 ng
 RT: 13.188 min Scan# 1719
 Delta R.T. -0.013 min
 Lab File: BG057736.D
 Acq: 16 Jun 2023 15:54



Tgt Ion:172 Resp: 496764
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.9 41.9
 170 22.9 18.2 27.4

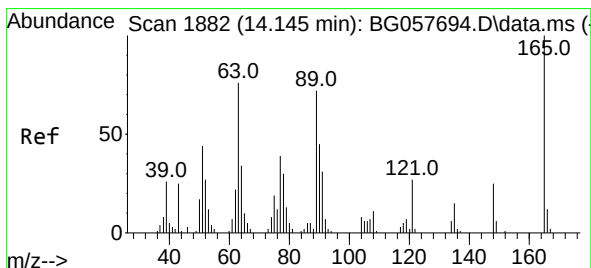
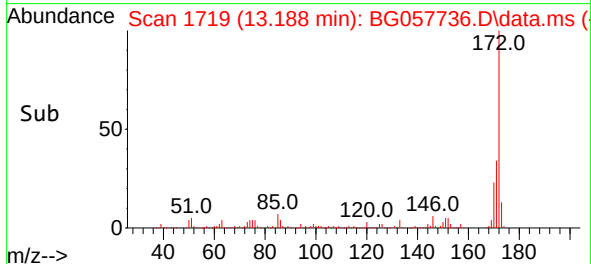
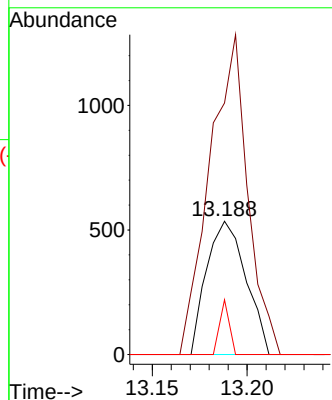
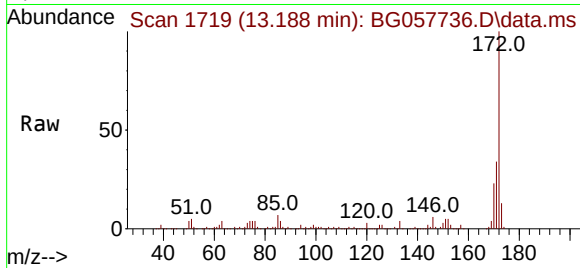




#48
2-Nitroaniline
Concen: 4.918 ng
RT: 13.188 min Scan# 11
Delta R.T. -0.465 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

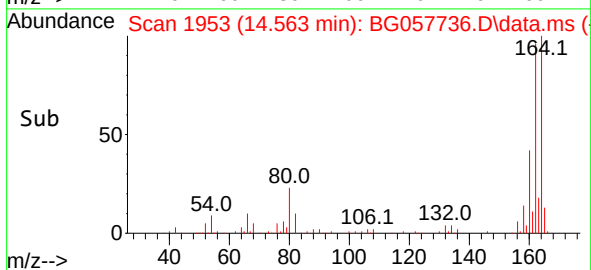
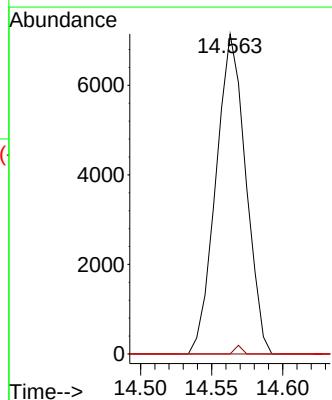
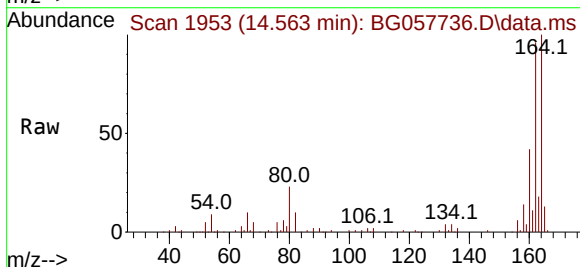
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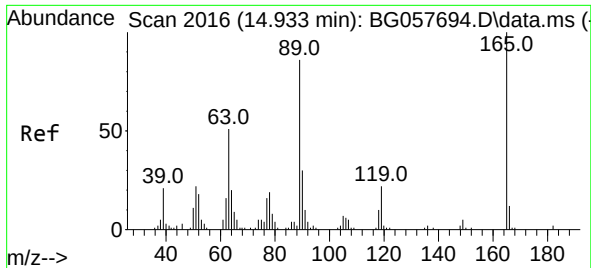
Tgt Ion: 65 Resp: 772
Ion Ratio Lower Upper
65 100
92 188.8 52.2 78.4#
138 41.1 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.111 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.416 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

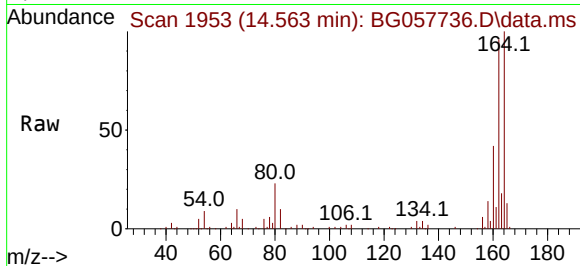
Tgt Ion:165 Resp: 10414
Ion Ratio Lower Upper
165 100
63 0.0 62.3 93.5#
89 0.0 57.4 86.0#



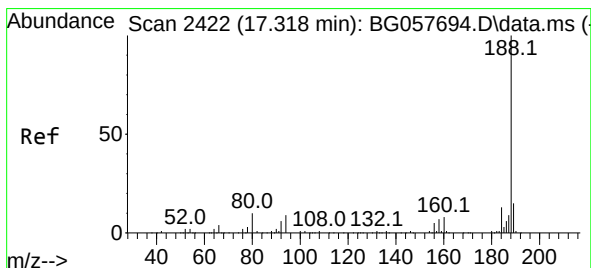
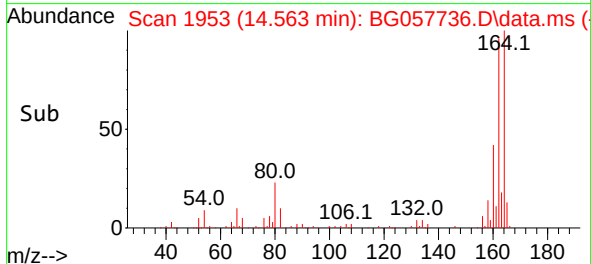
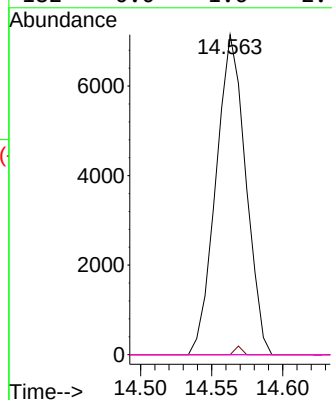


#57
2,4-Dinitrotoluene
Concen: 14.225 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.371 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Instrument :
BNA_G
ClientSampleId :
PB153486BL

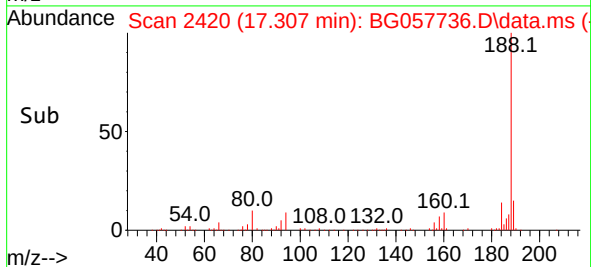
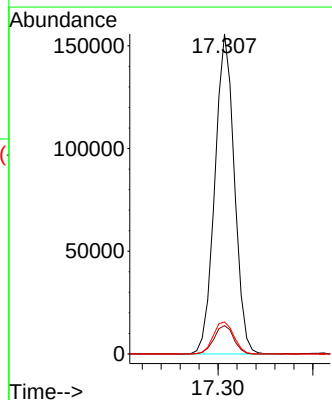
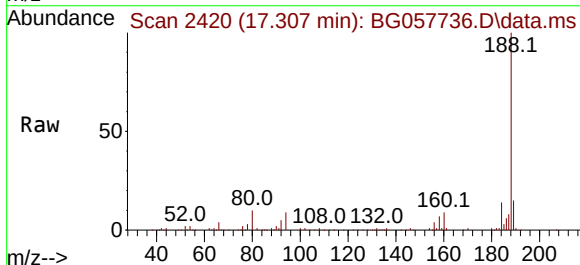


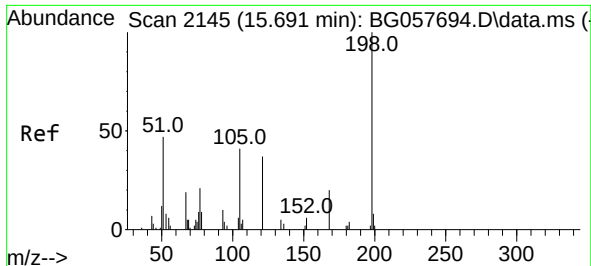
Tgt Ion:165 Resp: 10414
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2420
Delta R.T. -0.013 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Tgt Ion:188 Resp: 222577
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.0 8.2 12.4

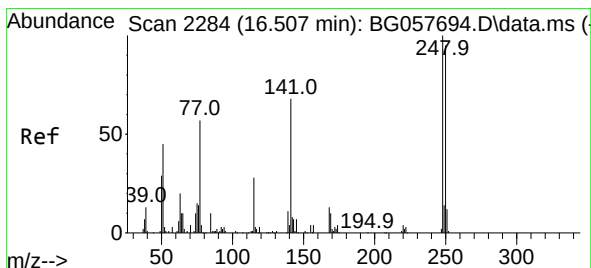
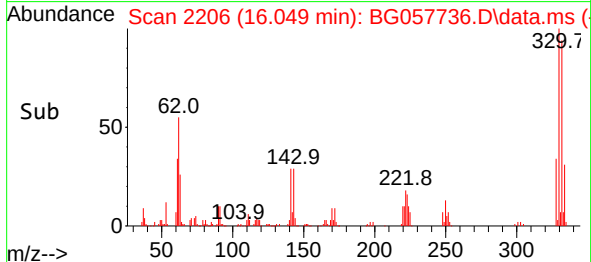
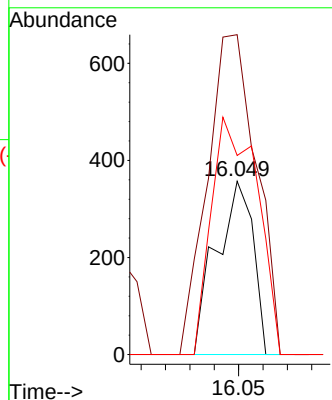
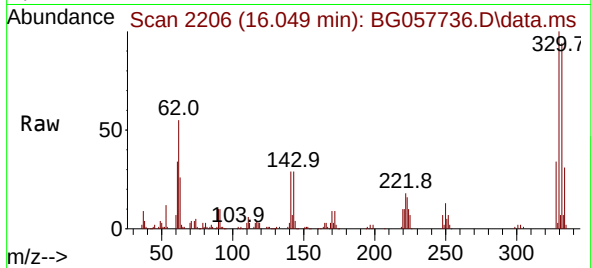




#65
4,6-Dinitro-2-methylphenol
Concen: 2.668 ng
RT: 16.049 min Scan# 2145
Delta R.T. 0.358 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

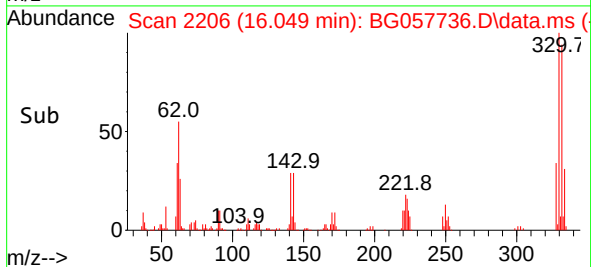
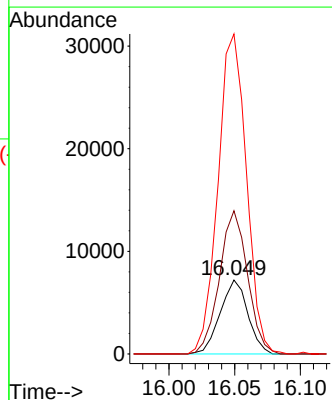
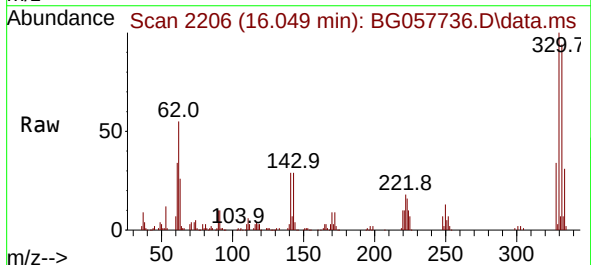
Instrument :
BNA_G
ClientSampleId :
PB153486BL

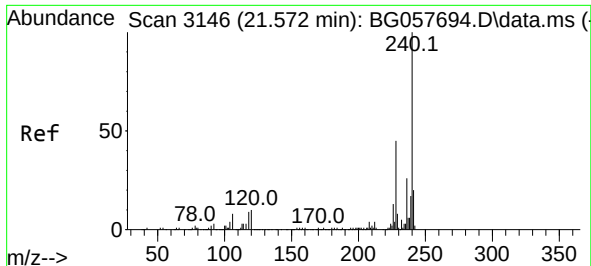
Tgt Ion:198 Resp: 375
Ion Ratio Lower Upper
198 100
51 184.6 42.0 82.0#
105 114.8 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 4.651 ng
RT: 16.049 min Scan# 2206
Delta R.T. -0.459 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Tgt Ion:248 Resp: 10541
Ion Ratio Lower Upper
248 100
250 193.6 76.3 114.5#
141 432.5 54.6 82.0#

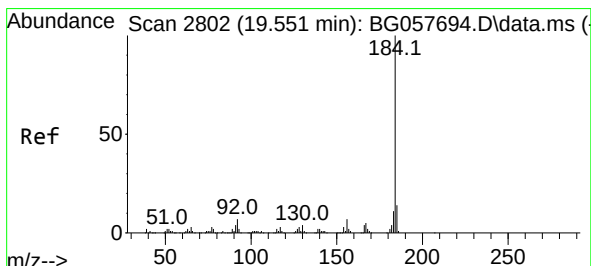
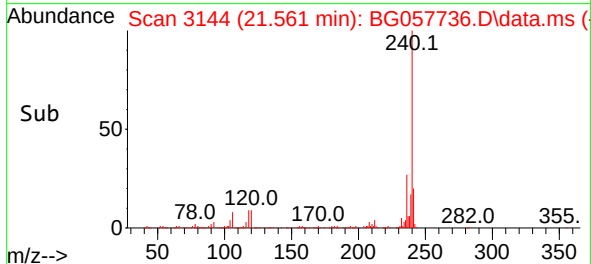
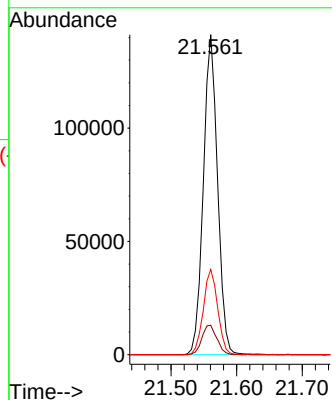
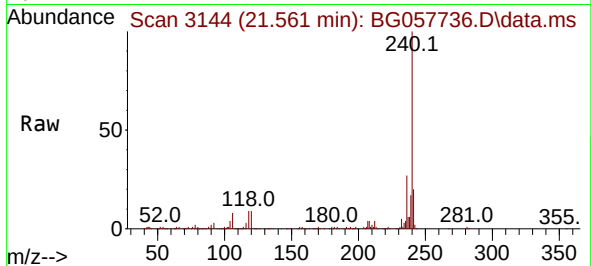




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.561 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

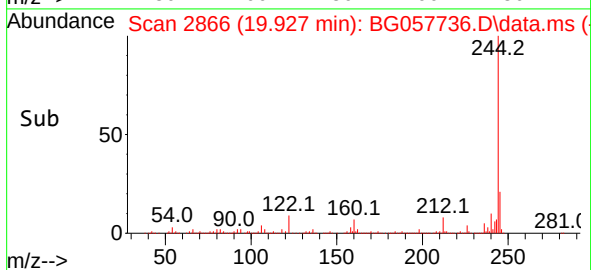
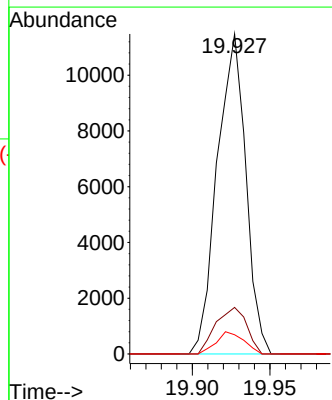
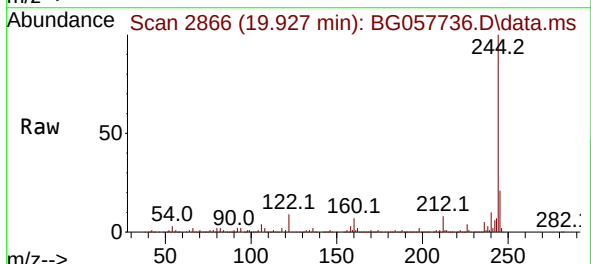
Instrument :
BNA_G
ClientSampleId :
PB153486BL

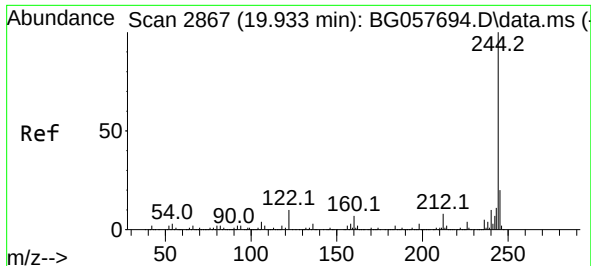
Tgt Ion:240 Resp: 212893
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.6 20.7 31.1



#77
Benzidine
Concen: 2.892 ng
RT: 19.927 min Scan# 2866
Delta R.T. 0.375 min
Lab File: BG057736.D
Acq: 16 Jun 2023 15:54

Tgt Ion:184 Resp: 14678
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 6.0 8.4 12.6#

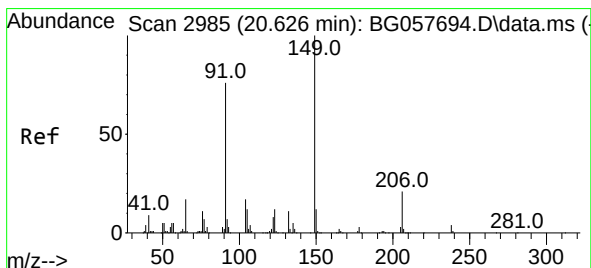
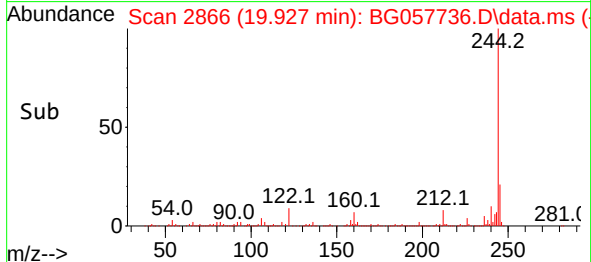
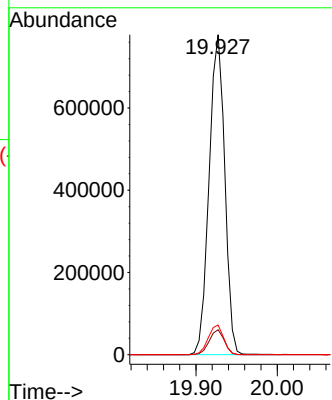
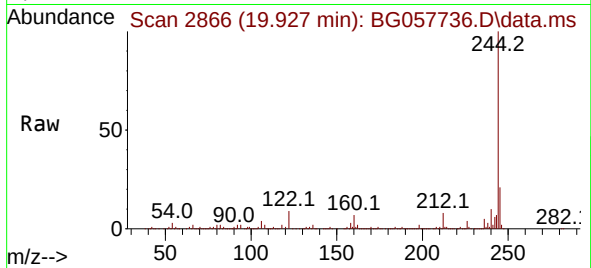




#79
 Terphenyl-d14
 Concen: 90.220 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057736.D
 Acq: 16 Jun 2023 15:54

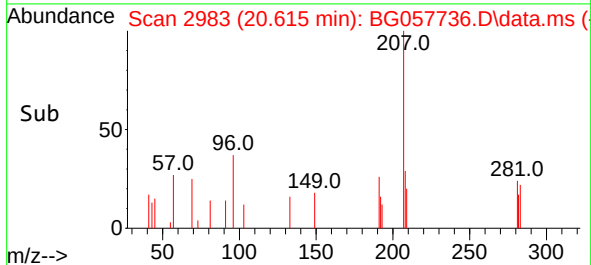
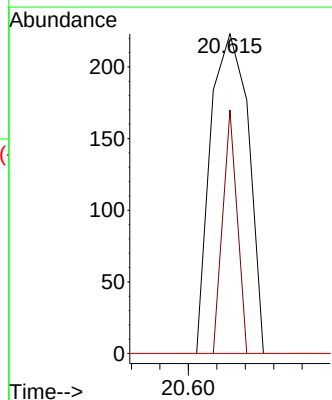
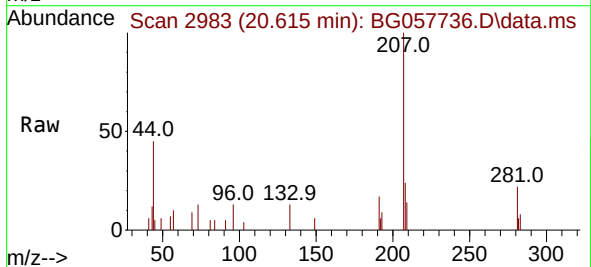
Instrument :
 BNA_G
 ClientSampleId :
 PB153486BL

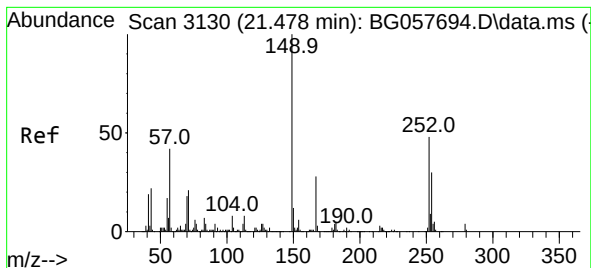
Tgt Ion:244 Resp: 1038872
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 9.3 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 4.141 ng
 RT: 20.615 min Scan# 2983
 Delta R.T. -0.013 min
 Lab File: BG057736.D
 Acq: 16 Jun 2023 15:54

Tgt Ion:149 Resp: 206
 Ion Ratio Lower Upper
 149 100
 91 76.2 60.8 91.2
 206 0.0 16.8 25.2#

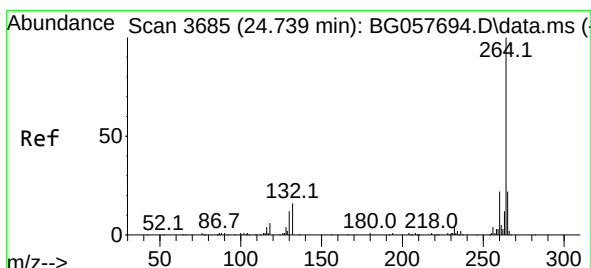
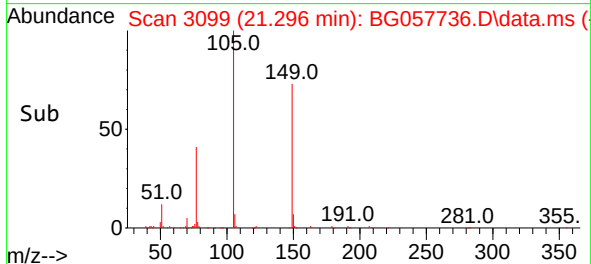
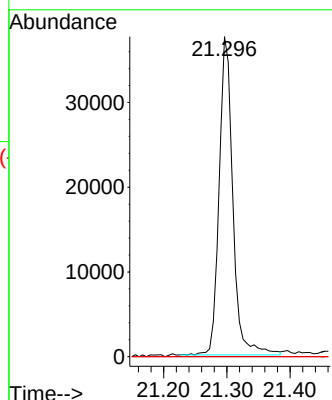
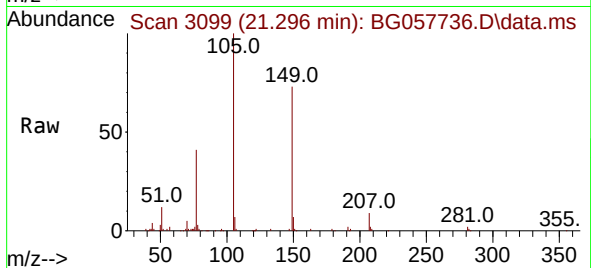




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.591 ng
 RT: 21.296 min Scan# 3099
 Delta R.T. -0.177 min
 Lab File: BG057736.D
 Acq: 16 Jun 2023 15:54

Instrument :
 BNA_G
 ClientSampleId :
 PB153486BL

Tgt Ion:149 Resp: 56645
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.1 33.1#
 279 0.0 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.716 min Scan# 3681
 Delta R.T. -0.018 min
 Lab File: BG057736.D
 Acq: 16 Jun 2023 15:54

Tgt Ion:264 Resp: 248658
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.3 25.9
 265 22.7 17.5 26.3

