

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057739.D
 Acq On : 16 Jun 2023 18:01
 Operator : CG/JU
 Sample : PB153314BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153314BL

Quant Time: Jun 17 03:57:35 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)

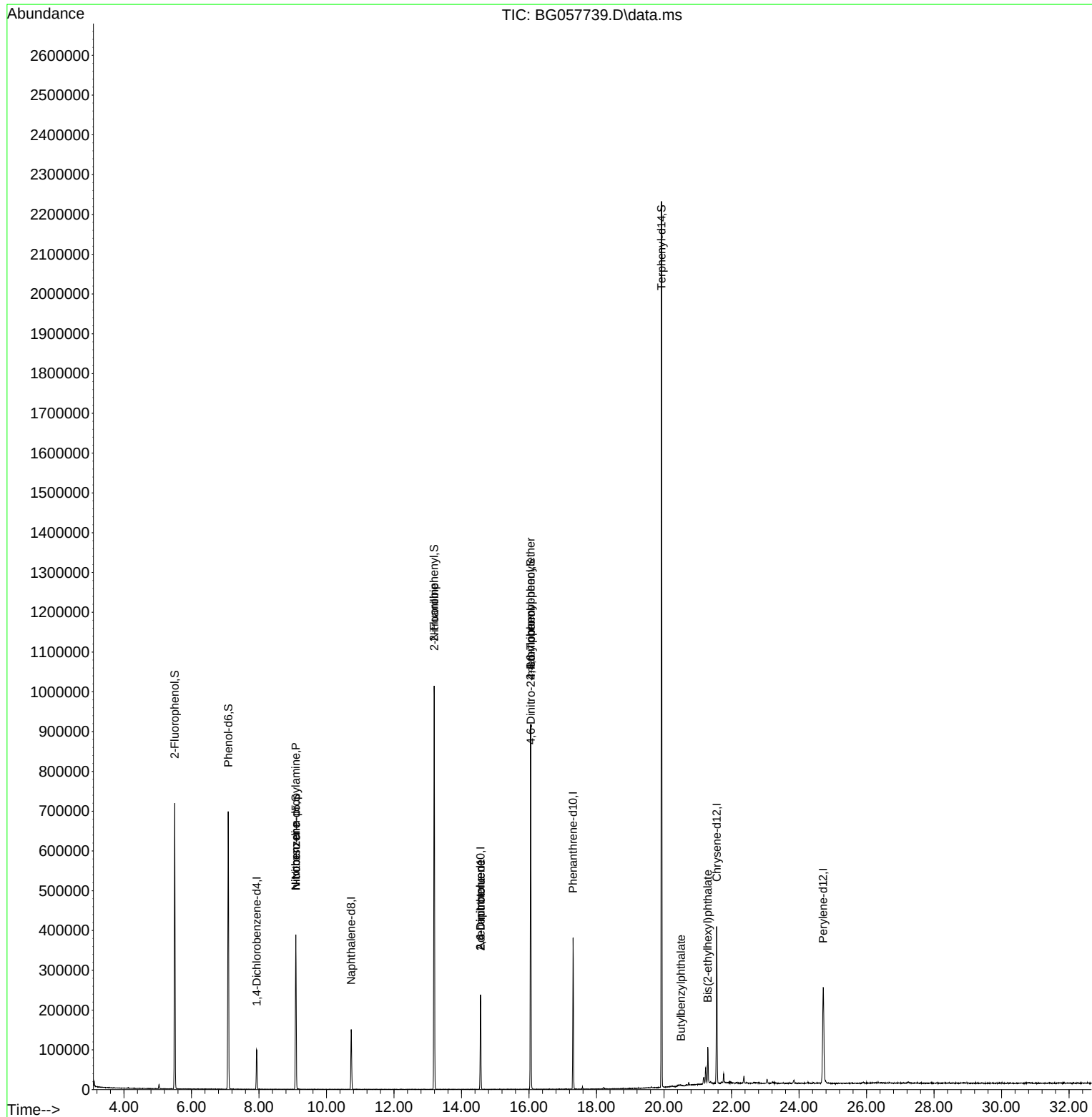
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	26798	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	119025	20.000	ng	-0.01
39) Acenaphthene-d10	14.562	164	86456	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	228702	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	221701	20.000	ng	-0.01
86) Perylene-d12	24.715	264	258166	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	279878	170.059	ng	0.00
7) Phenol-d6	7.089	99	395055	156.253	ng	0.00
23) Nitrobenzene-d5	9.092	82	222997	110.963	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	173797	180.184	ng	-0.01
45) 2-Fluorobiphenyl	13.187	172	546054	94.146	ng	-0.01
79) Terphenyl-d14	19.927	244	1121434	93.521	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	27609	15.102	ng	# 78
24) Nitrobenzene	9.092	77	461	5.269	ng	# 6
48) 2-Nitroaniline	13.193	65	900	5.032	ng	# 1
51) 2,6-Dinitrotoluene	14.562	165	11328	17.792	ng	# 12
57) 2,4-Dinitrotoluene	14.562	165	11328	14.766	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.055	198	352	2.551	ng	# 21
67) 4-Bromophenyl-phenylether	16.049	248	11325	4.863	ng	# 1
80) Butylbenzylphthalate	20.502	149	54	4.115	ng	# 21
84) Bis(2-ethylhexyl)phtha...	21.296	149	38411	4.943	ng	# 52

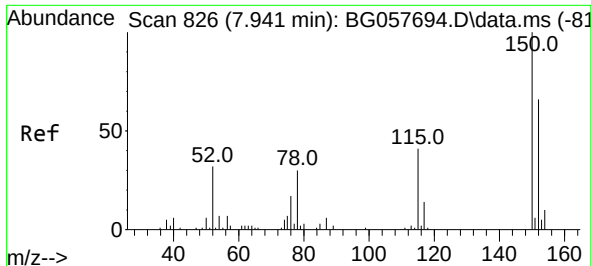
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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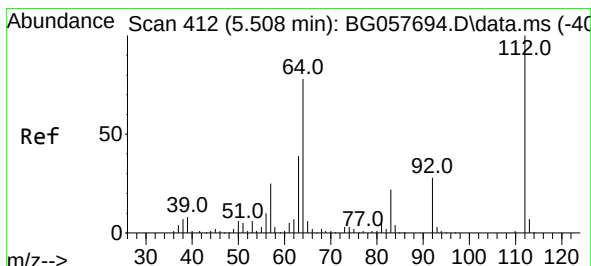
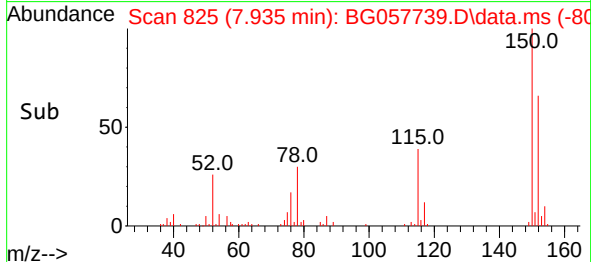
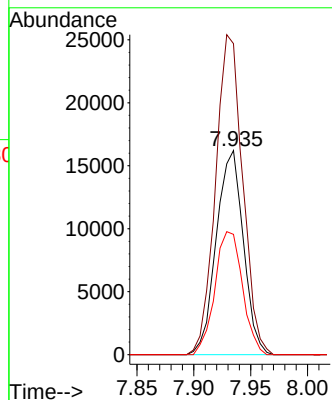
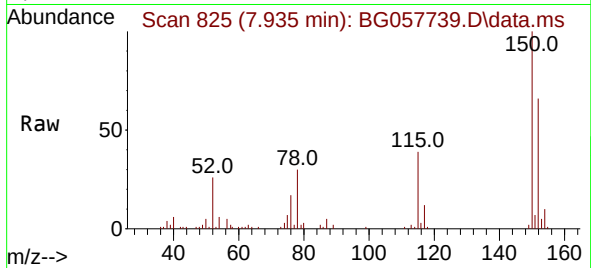




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

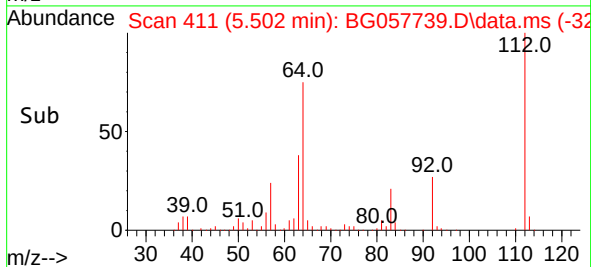
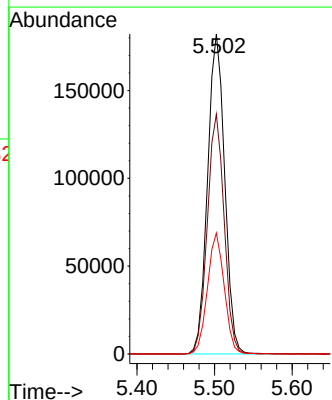
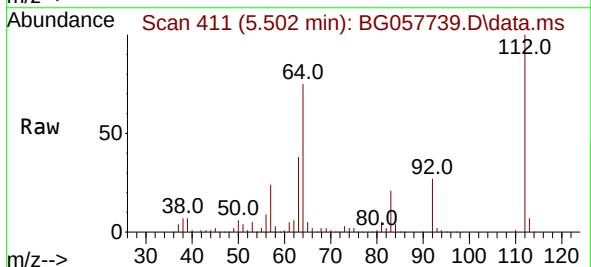
Instrument :
BNA_G
ClientSampleId :
PB153314BL

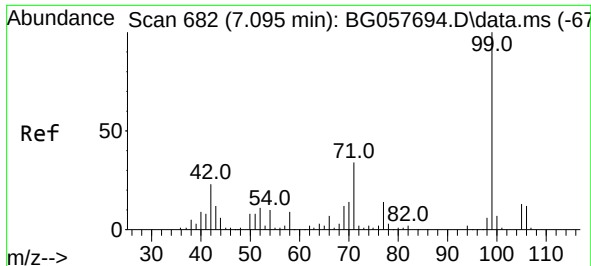
Tgt Ion:152 Resp: 26798
Ion Ratio Lower Upper
152 100
150 152.3 120.8 181.2
115 59.0 49.4 74.2



#5
2-Fluorophenol
Concen: 170.059 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion:112 Resp: 279878
Ion Ratio Lower Upper
112 100
64 74.9 62.3 93.5
63 37.8 31.5 47.3

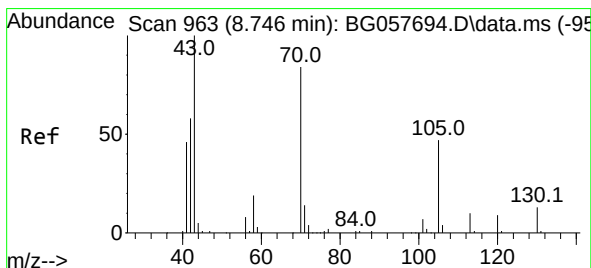
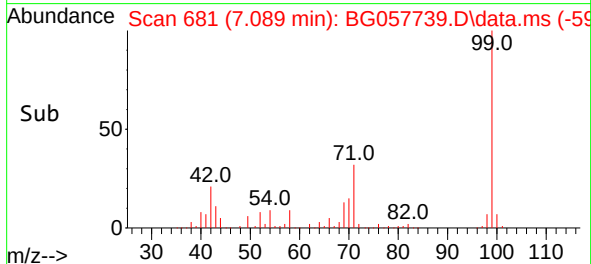
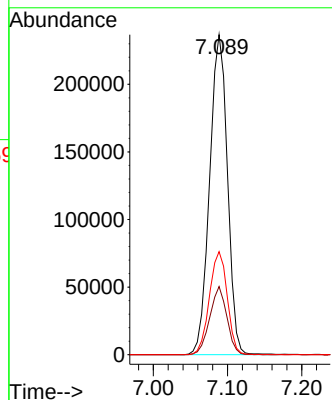
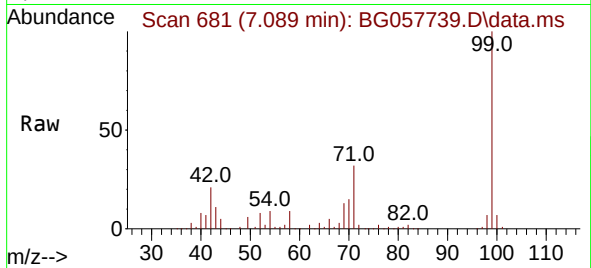




#7
Phenol-d6
Concen: 156.253 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

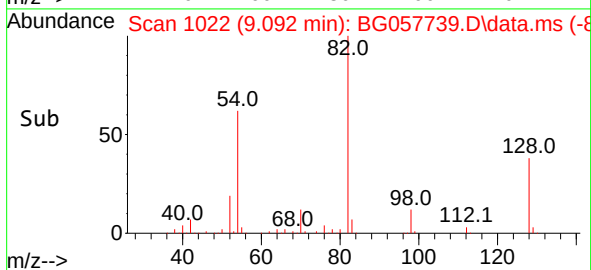
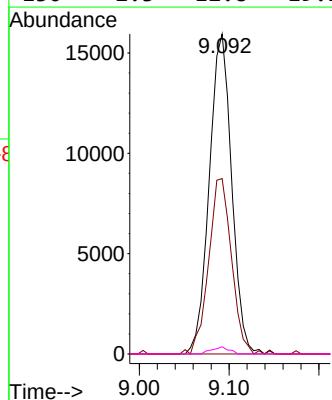
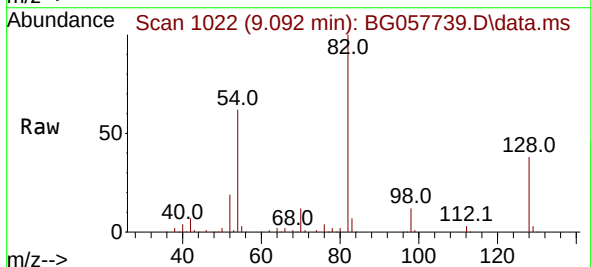
Instrument :
BNA_G
ClientSampleId :
PB153314BL

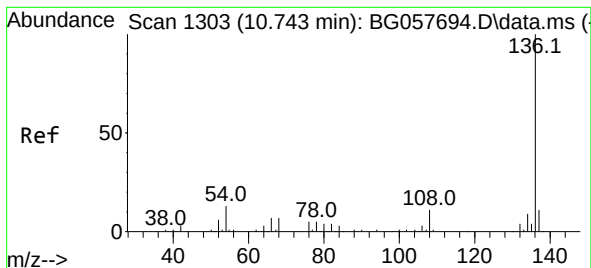
Tgt Ion: 99 Resp: 395055
Ion Ratio Lower Upper
99 100
42 21.3 18.3 27.5
71 32.2 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.102 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.345 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion: 70 Resp: 27609
Ion Ratio Lower Upper
70 100
42 54.8 56.6 84.8#
101 0.0 6.2 9.4#
130 2.3 12.8 19.2#

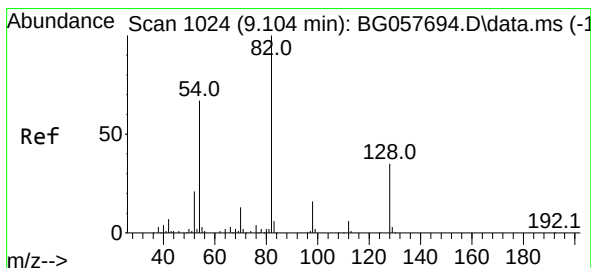
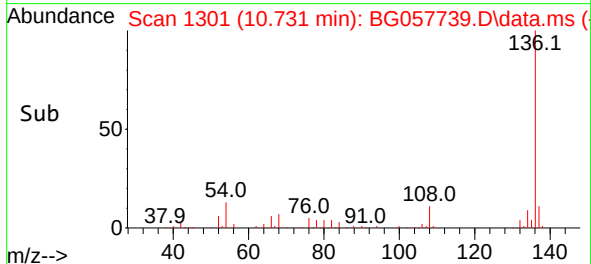
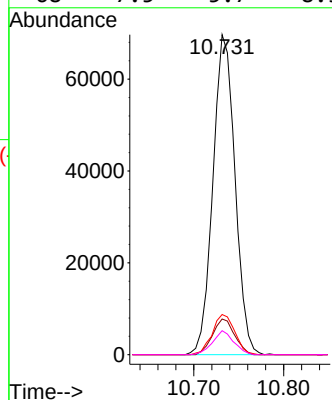
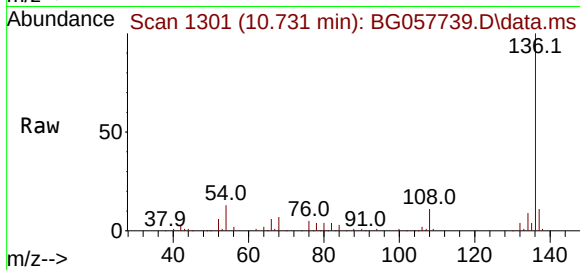




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

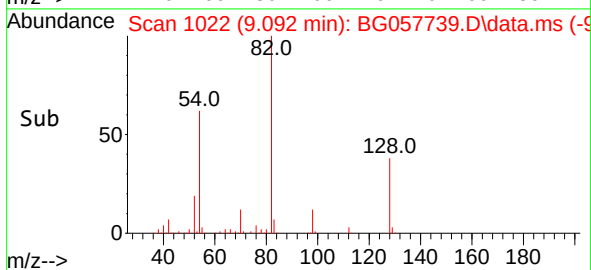
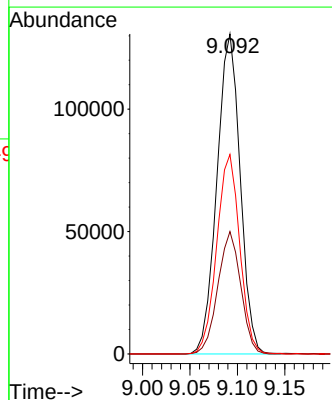
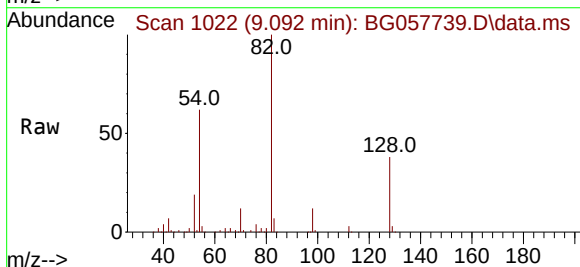
Instrument :
BNA_G
ClientSampleId :
PB153314BL

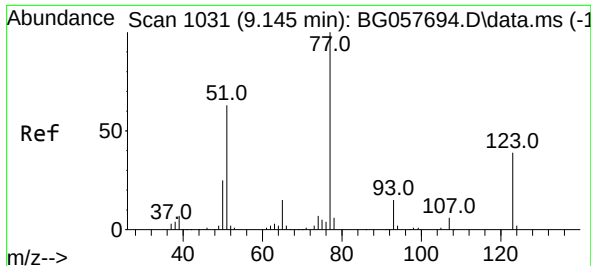
Tgt Ion:	136	Resp:	119025
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	12.5	10.8	16.2
68	7.5	5.7	8.5



#23
Nitrobenzene-d5
Concen: 110.963 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion:	82	Resp:	222997
Ion	Ratio	Lower	Upper
82	100		
128	38.2	27.7	41.5
54	62.3	53.8	80.8

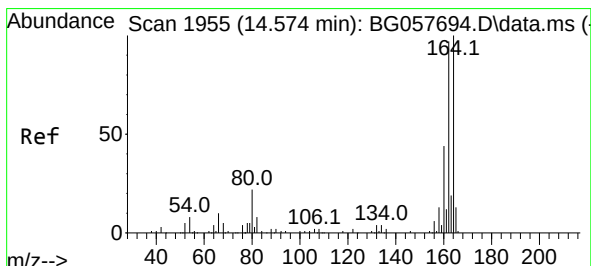
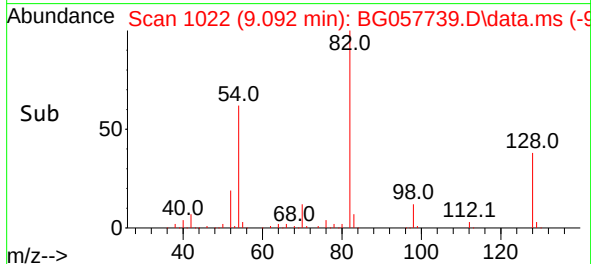
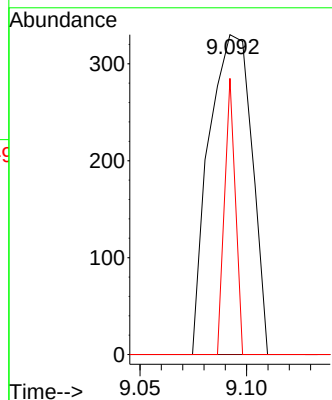
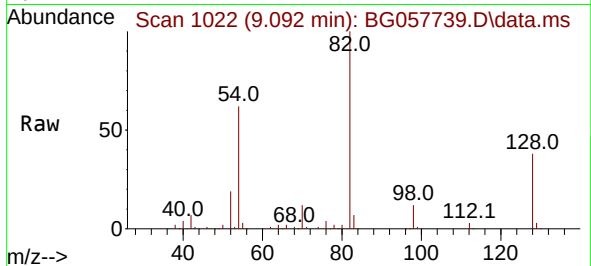




#24
Nitrobenzene
Concen: 5.269 ng
RT: 9.092 min Scan# 1031
Delta R.T. -0.054 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

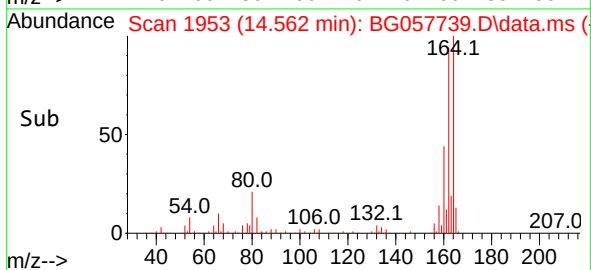
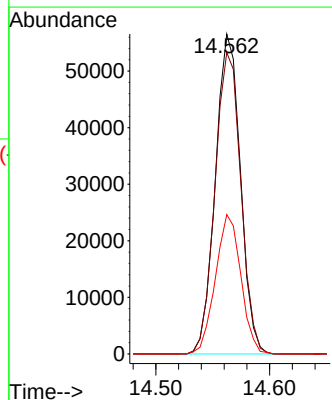
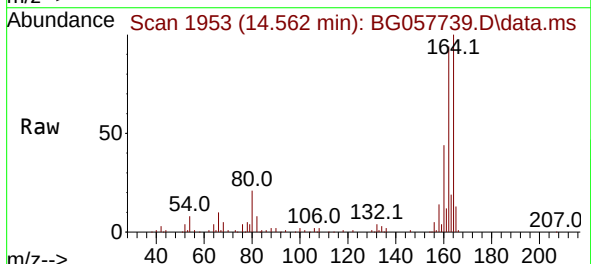
Instrument :
BNA_G
ClientSampleId :
PB153314BL

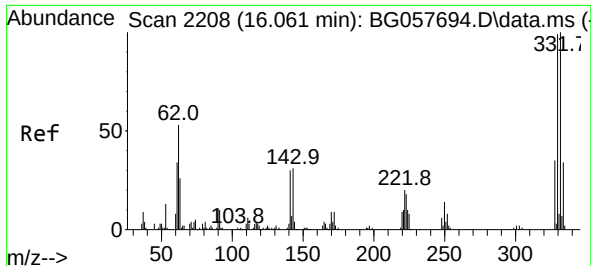
Tgt Ion: 77 Resp: 461
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 86.4 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

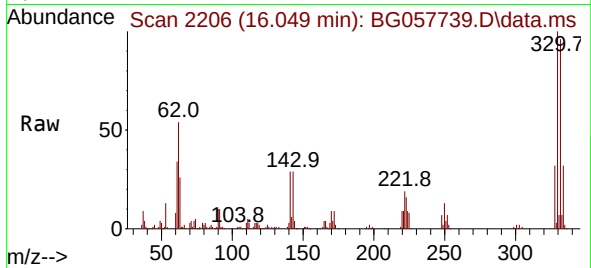
Tgt Ion: 164 Resp: 86456
Ion Ratio Lower Upper
164 100
162 94.2 77.7 116.5
160 43.5 35.1 52.7



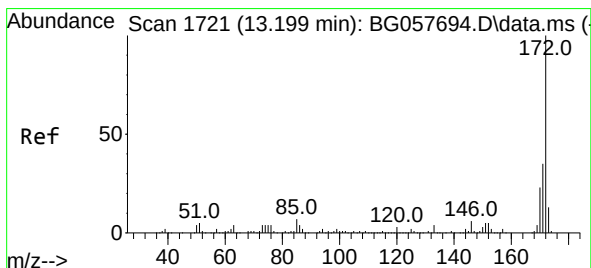
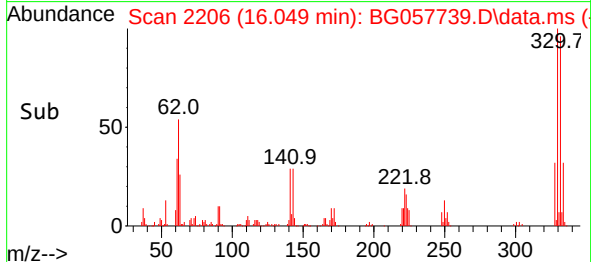
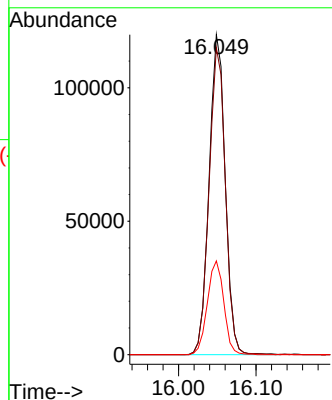


#42
2,4,6-Tribromophenol
Concen: 180.184 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Instrument :
BNA_G
ClientSampleId :
PB153314BL

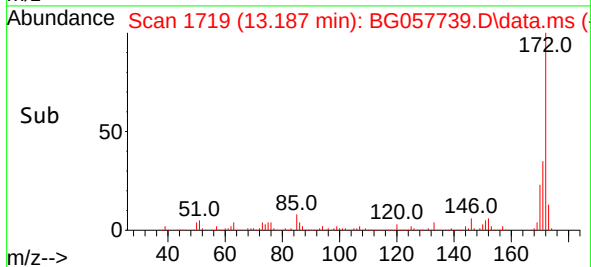
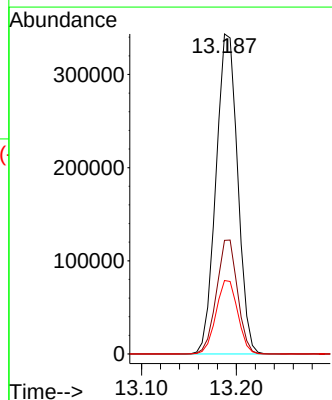
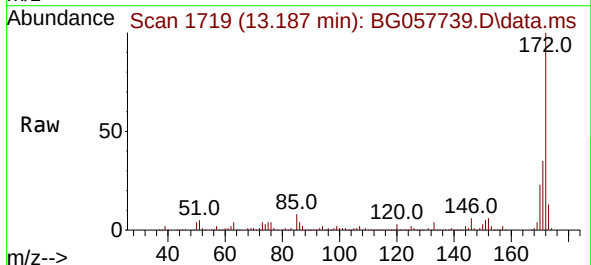


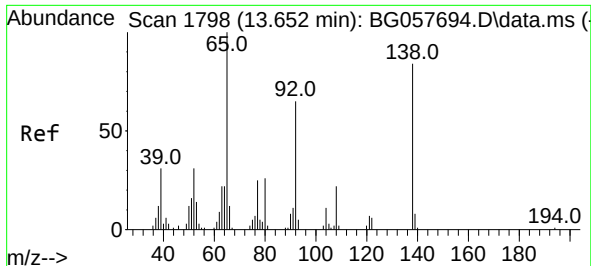
Tgt Ion:330 Resp: 173797
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.6
141 29.8 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 94.146 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion:172 Resp: 546054
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.9 18.2 27.4

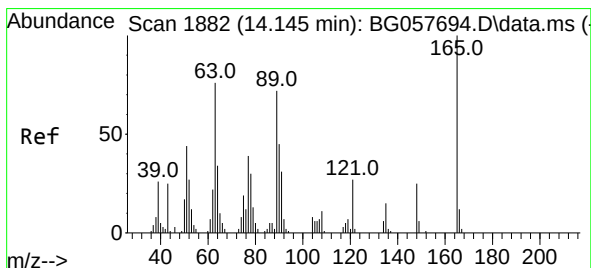
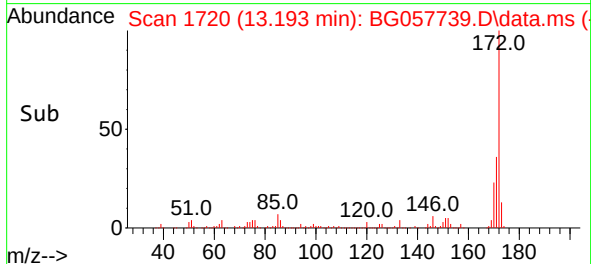
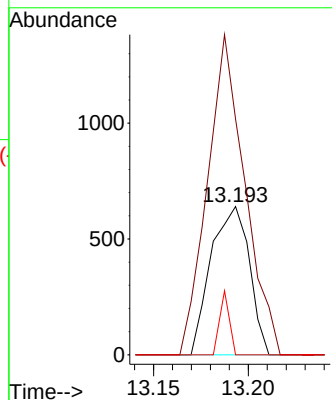
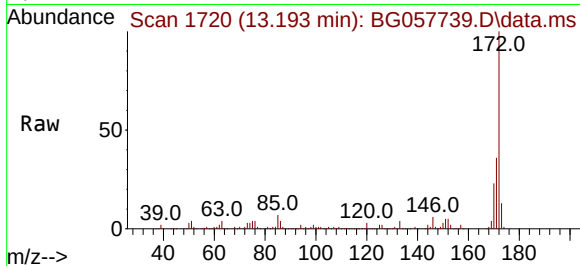




#48
2-Nitroaniline
Concen: 5.032 ng
RT: 13.193 min Scan# 1
Delta R.T. -0.460 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

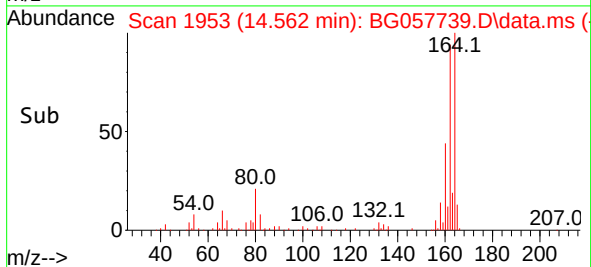
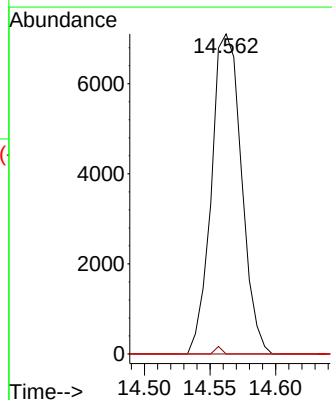
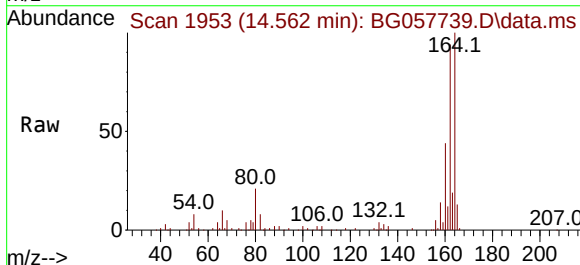
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ClientSampleId :
PB153314BL

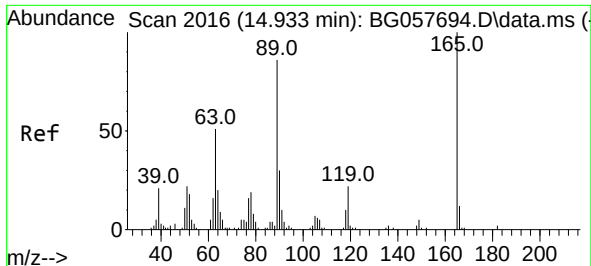
Tgt Ion: 65 Resp: 900
Ion Ratio Lower Upper
65 100
92 159.1 52.2 78.4#
138 0.0 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.792 ng
RT: 14.562 min Scan# 1953
Delta R.T. 0.416 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion:165 Resp: 11328
Ion Ratio Lower Upper
165 100
63 0.0 62.3 93.5#
89 0.0 57.4 86.0#

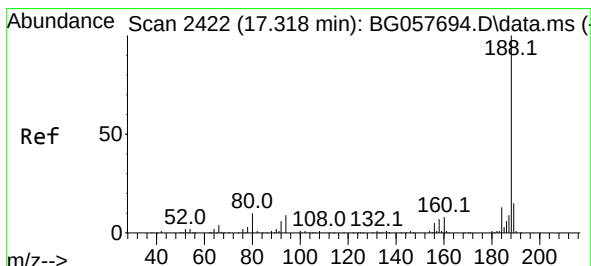
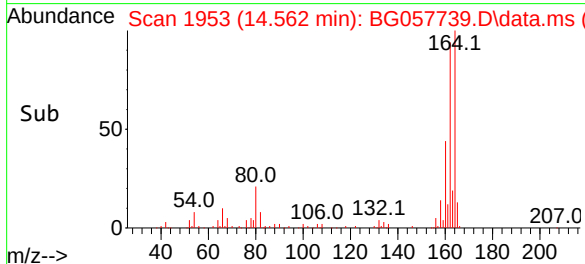
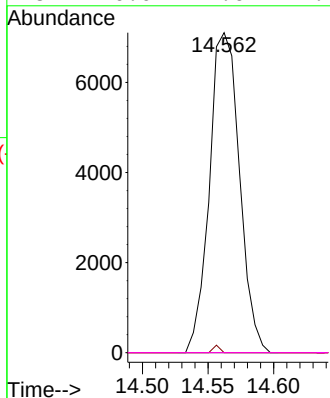
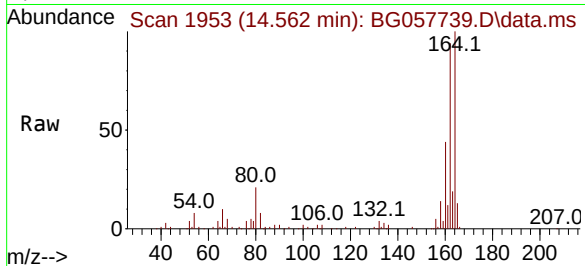




#57
2,4-Dinitrotoluene
Concen: 14.766 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.372 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

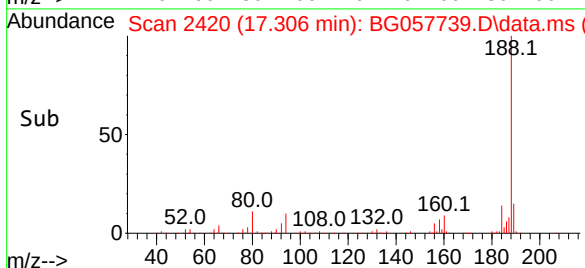
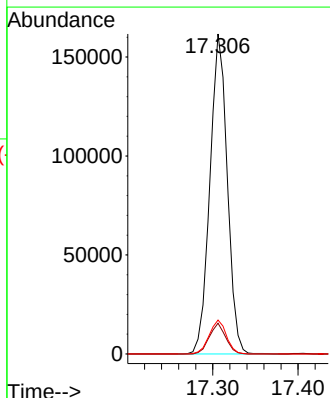
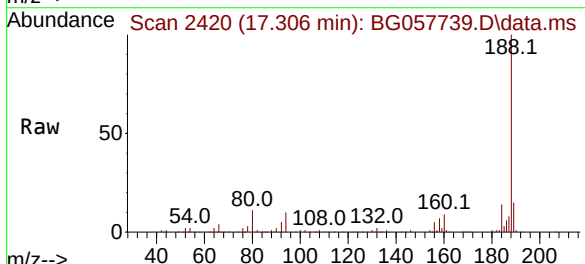
Instrument :
BNA_G
ClientSampleId :
PB153314BL

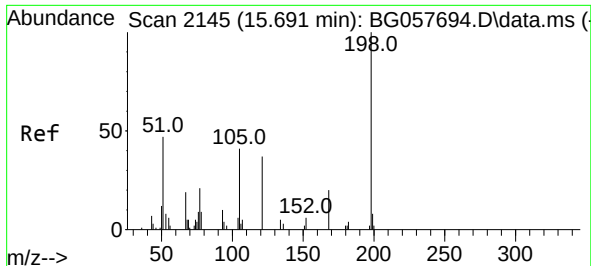
Tgt Ion:165 Resp: 11328
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2420
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion:188 Resp: 228702
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 10.6 8.2 12.4

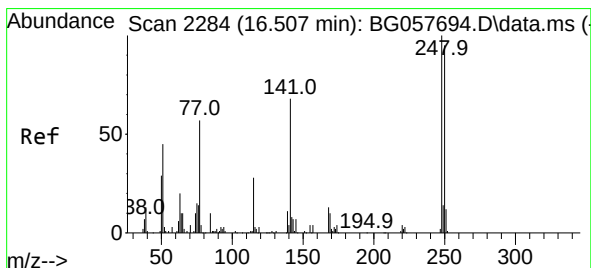
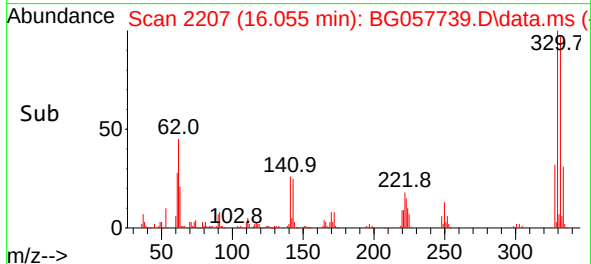
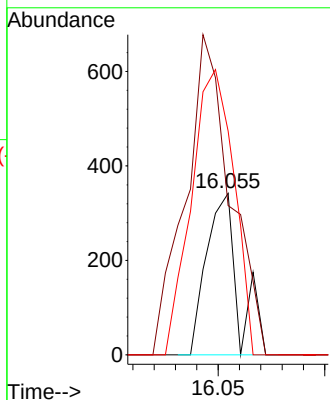
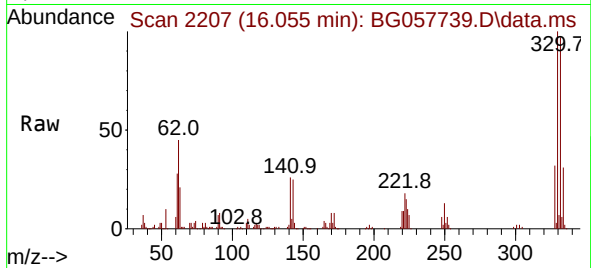




#65
4,6-Dinitro-2-methylphenol
Concen: 2.551 ng
RT: 16.055 min Scan# 2145
Delta R.T. 0.363 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

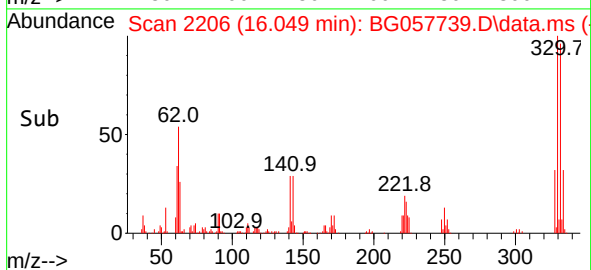
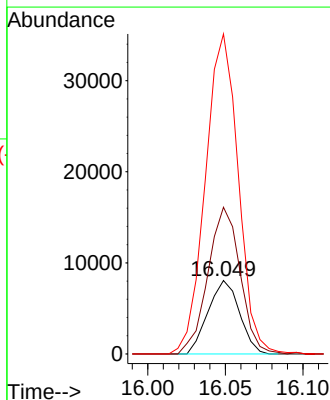
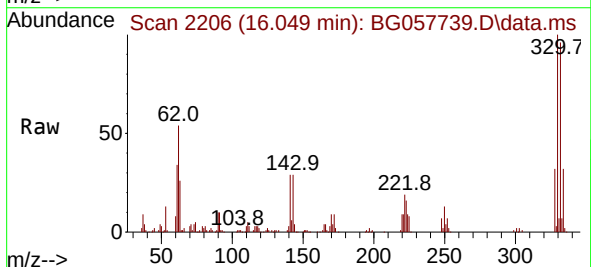
Instrument :
BNA_G
ClientSampleId :
PB153314BL

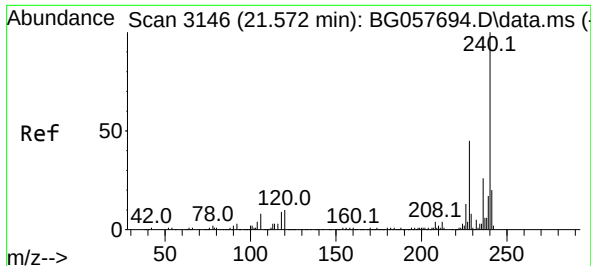
Tgt Ion:198 Resp: 352
Ion Ratio Lower Upper
198 100
51 92.4 42.0 82.0#
105 138.6 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 4.863 ng
RT: 16.049 min Scan# 2206
Delta R.T. -0.460 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion:248 Resp: 11325
Ion Ratio Lower Upper
248 100
250 200.0 76.3 114.5#
141 436.0 54.6 82.0#

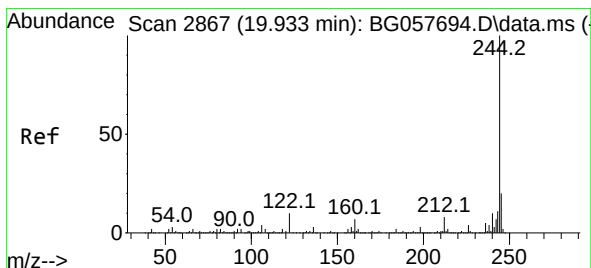
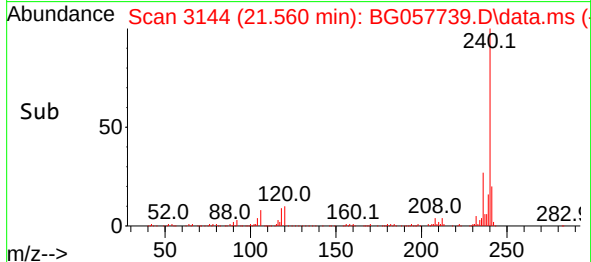
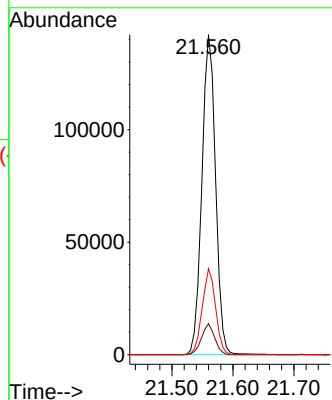
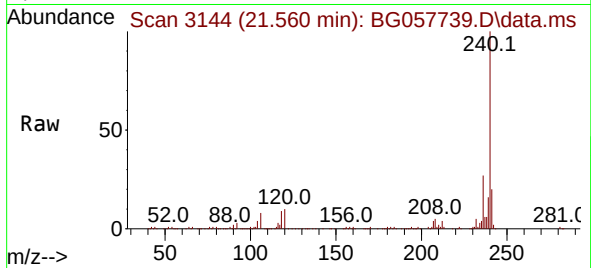




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

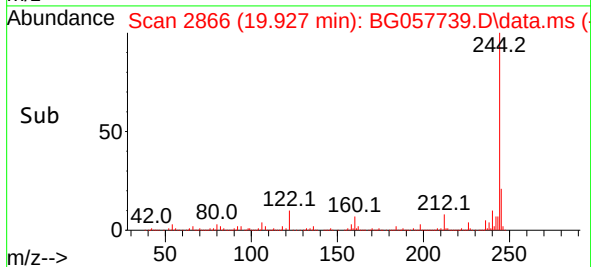
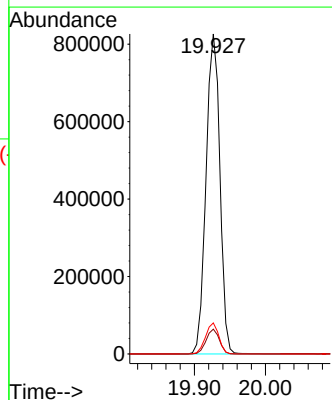
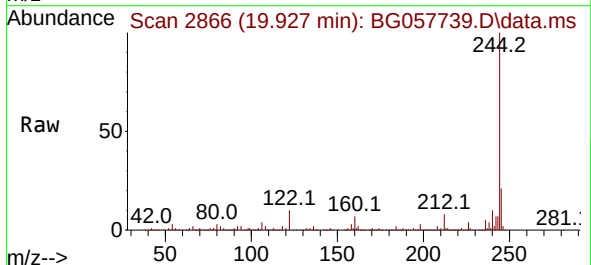
Instrument :
BNA_G
ClientSampleId :
PB153314BL

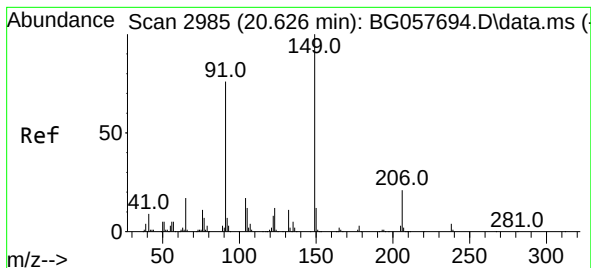
Tgt Ion:240 Resp: 221701
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.9 20.7 31.1



#79
Terphenyl-d14
Concen: 93.521 ng
RT: 19.927 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion:244 Resp: 1121434
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 9.7 7.7 11.5





#80

Butylbenzylphthalate

Concen: 4.115 ng

RT: 20.502 min Scan# 2985

Delta R.T. -0.125 min

Lab File: BG057739.D

Acq: 16 Jun 2023 18:01

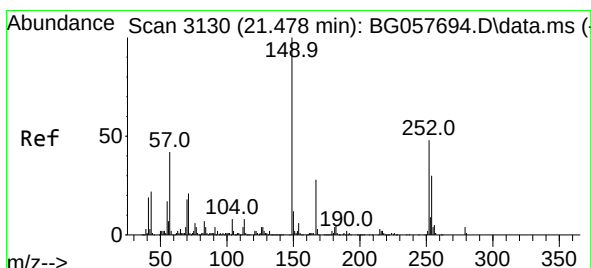
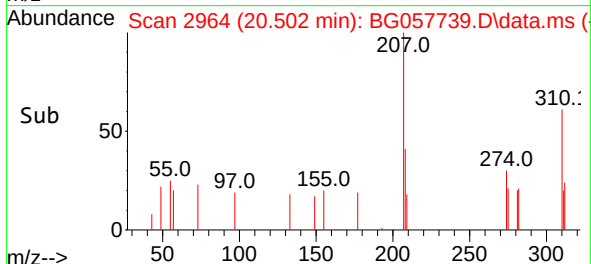
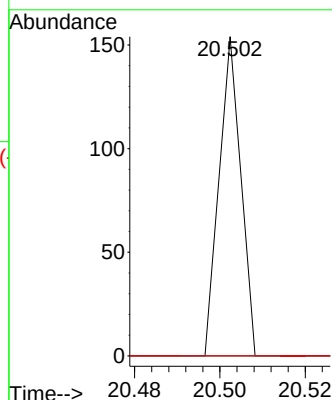
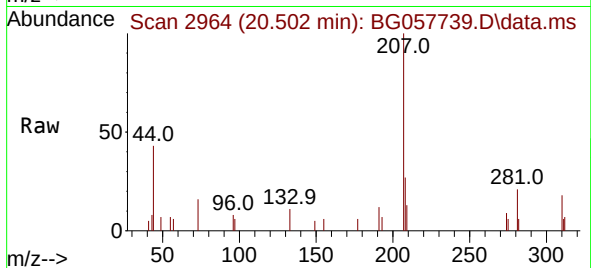
Instrument :

BNA_G

ClientSampleId :

PB153314BL

Tgt Ion:	149	Resp:	54
Ion Ratio	Lower	Upper	
149	100		
91	0.0	60.8	91.2#
206	0.0	16.8	25.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.943 ng

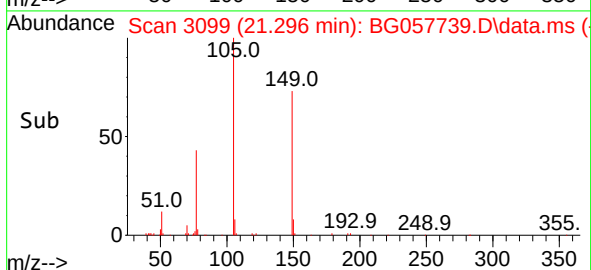
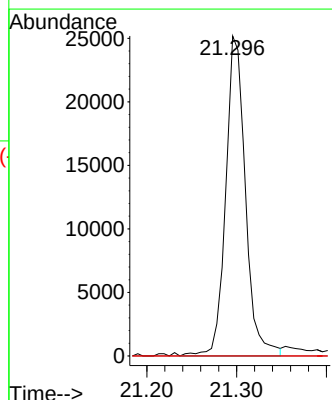
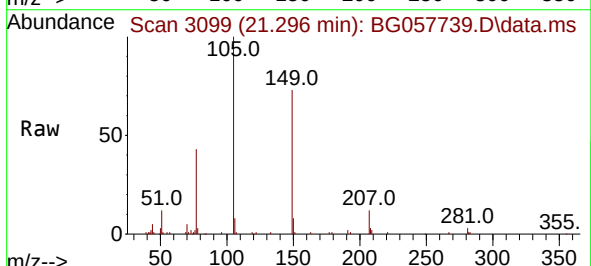
RT: 21.296 min Scan# 3099

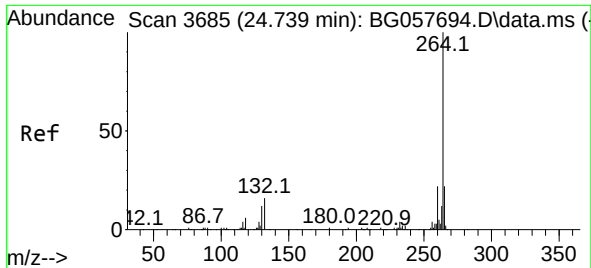
Delta R.T. -0.178 min

Lab File: BG057739.D

Acq: 16 Jun 2023 18:01

Tgt Ion:	149	Resp:	38411
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: 24.715 min Scan# 30
Delta R.T. -0.019 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Instrument :
BNA_G
ClientSampleId :
PB153314BL

Tgt Ion:264 Resp: 258166
Ion Ratio Lower Upper
264 100
260 21.3 17.3 25.9
265 21.7 17.5 26.3

