

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057654.D
 Acq On : 7 Jun 2023 3:12
 Operator : CG/JU
 Sample : 03001-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP17-0A

Quant Time: Jun 07 03:53:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

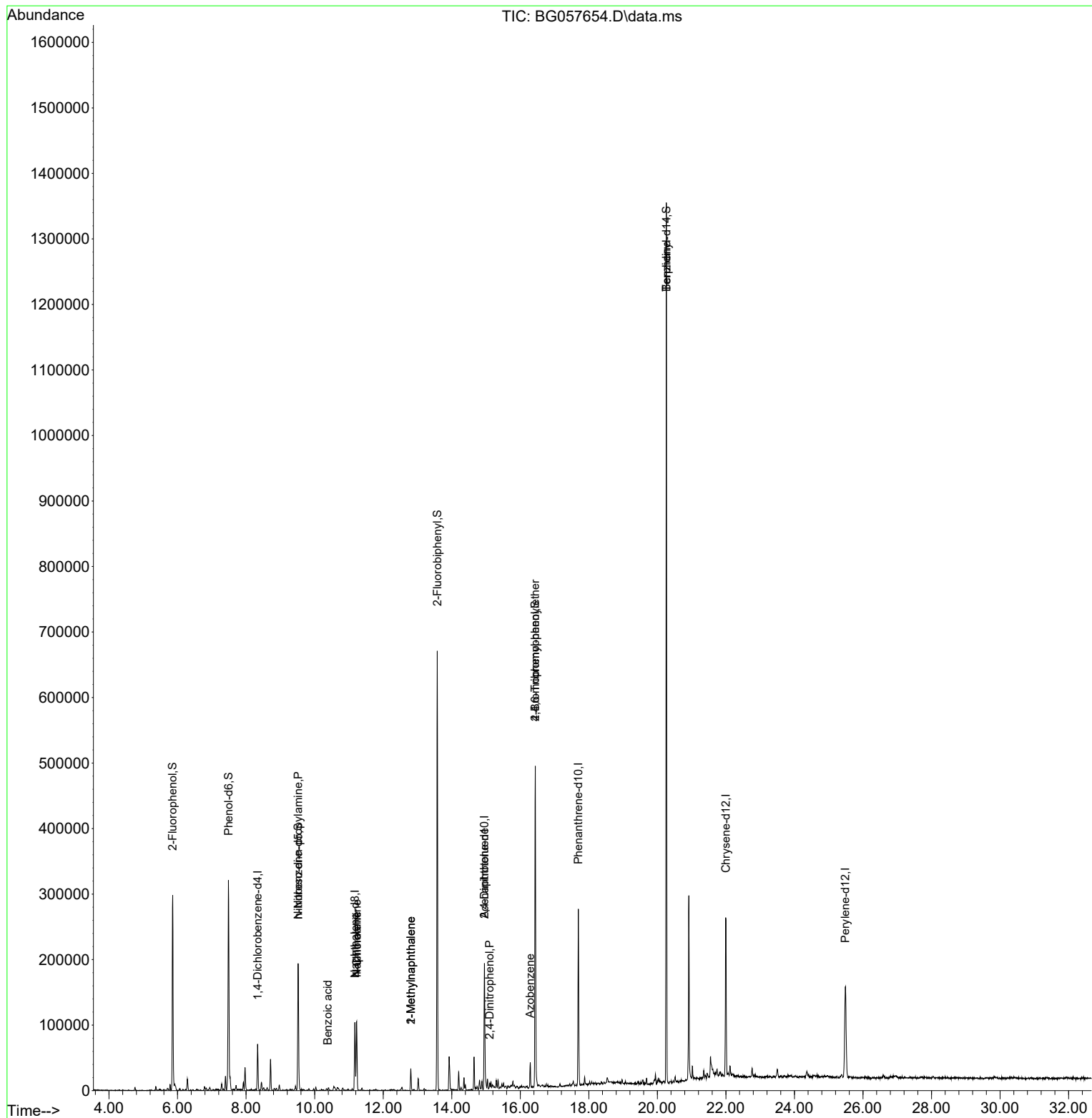
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	20753	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	91055	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	70560	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	175563	20.000	ng	0.00
76) Chrysene-d12	21.996	240	158419	20.000	ng	0.00
86) Perylene-d12	25.485	264	168319	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	141077	118.101	ng	0.00
7) Phenol-d6	7.486	99	216846	115.994	ng	0.00
23) Nitrobenzene-d5	9.518	82	131169	67.340	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	109572	96.993	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	350400	71.367	ng	0.00
79) Terphenyl-d14	20.263	244	659575	72.121	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.518	70	17554	13.516	ng	# 76
31) Naphthalene	11.228	128	92837	19.274	ng	97
32) Benzoic acid	10.382	122	60	6.690	ng	# 27
33) 4-Chloroaniline	11.228	127	12593	5.685	ng	# 41
37) 2-Methylnaphthalene	12.808	142	16427	4.345	ng	97
38) 1-Methylnaphthalene	12.808	142	16427	4.553	ng	93
54) 2,4-Dinitrophenol	15.105	184	61	7.497	ng	# 24
57) 2,4-Dinitrotoluene	14.952	165	9895	5.309	ng	# 27
63) Azobenzene	16.292	77	10981	2.034	ng	# 1
67) 4-Bromophenyl-phenylether	16.438	248	7418	3.767	ng	# 1
77) Benzidine	20.263	184	9663	2.016	ng	# 91

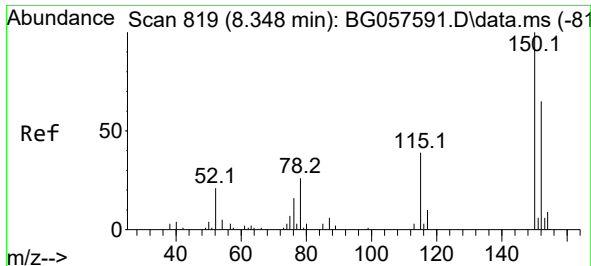
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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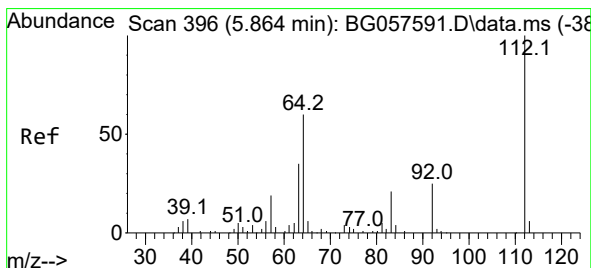
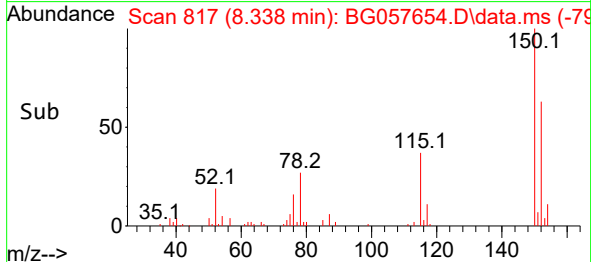
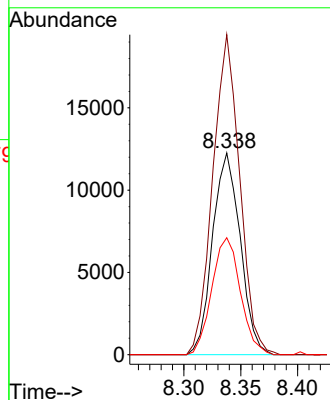
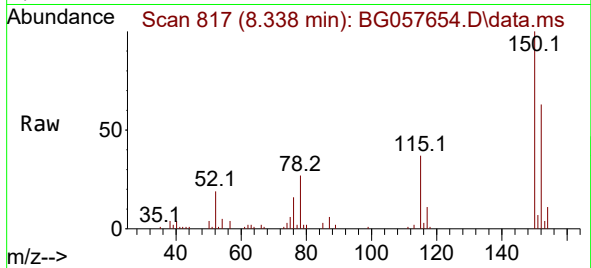




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 819
Delta R.T. 0.004 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

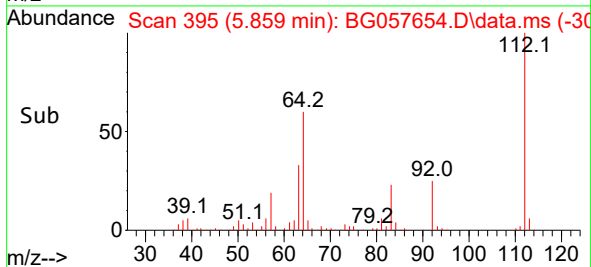
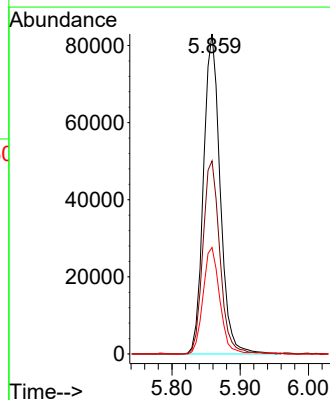
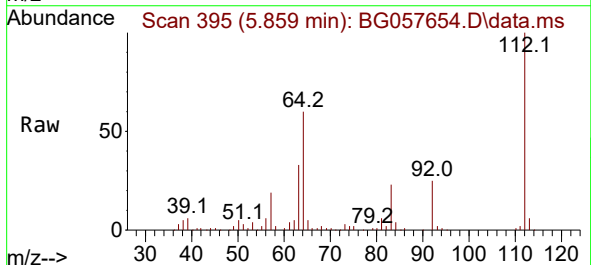
Instrument :
BNA_G
ClientSampleId :
TP17-0A

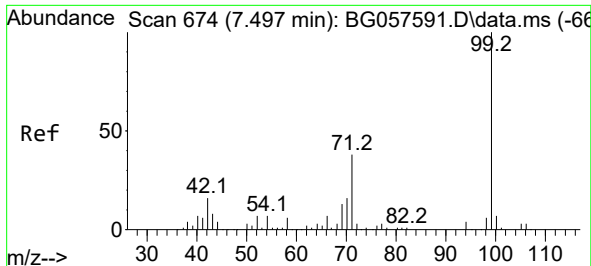
Tgt Ion:152 Resp: 20753
Ion Ratio Lower Upper
152 100
150 158.7 123.0 184.4
115 58.0 47.4 71.2



#5
2-Fluorophenol
Concen: 118.101 ng
RT: 5.859 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion:112 Resp: 141077
Ion Ratio Lower Upper
112 100
64 60.3 47.8 71.6
63 33.3 27.8 41.8

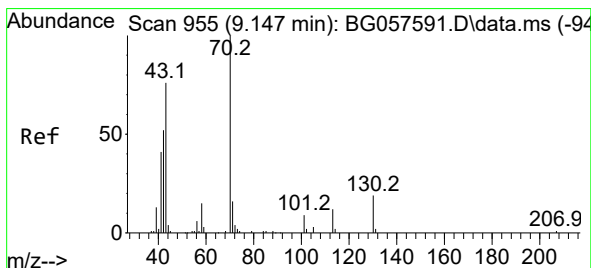
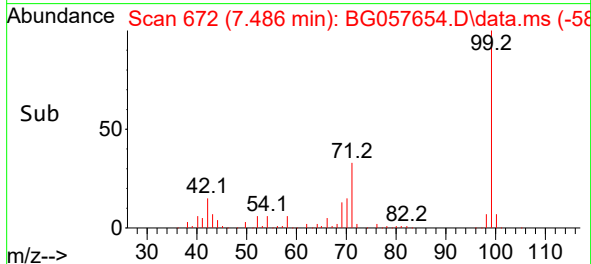
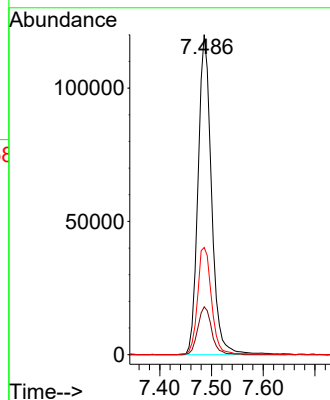
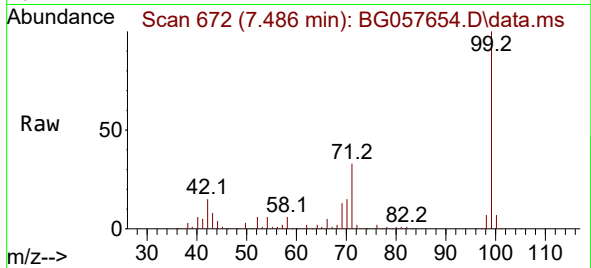




#7
Phenol-d6
Concen: 115.994 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

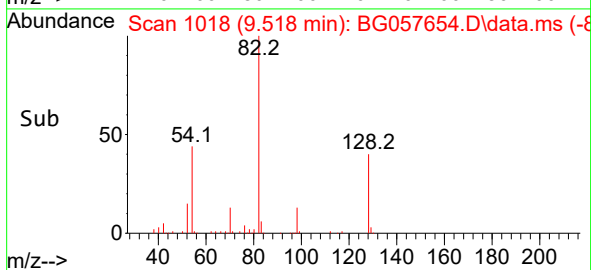
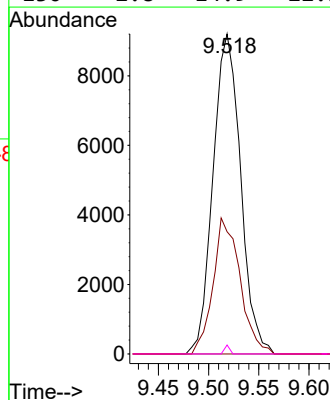
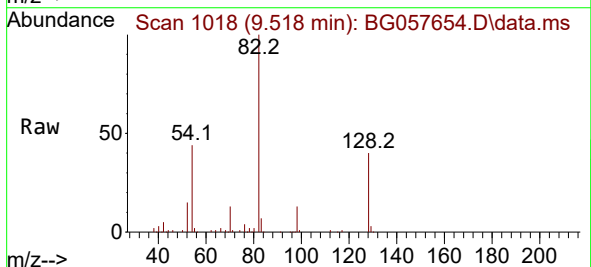
Instrument :
BNA_G
ClientSampleId :
TP17-0A

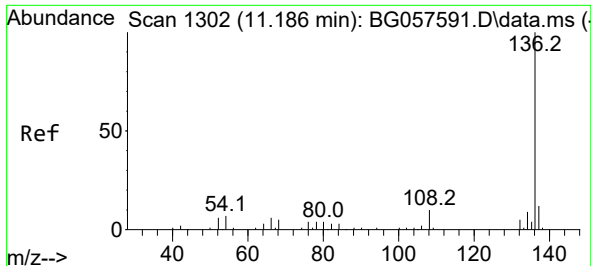
Tgt Ion: 99 Resp: 216846
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 33.5 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.516 ng
RT: 9.518 min Scan# 1018
Delta R.T. 0.380 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion: 70 Resp: 17554
Ion Ratio Lower Upper
70 100
42 38.2 41.4 62.0#
101 0.0 6.9 10.3#
130 2.8 14.9 22.3#

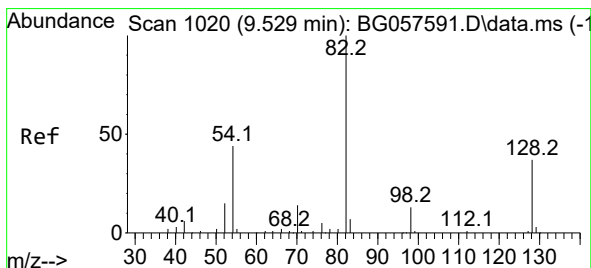
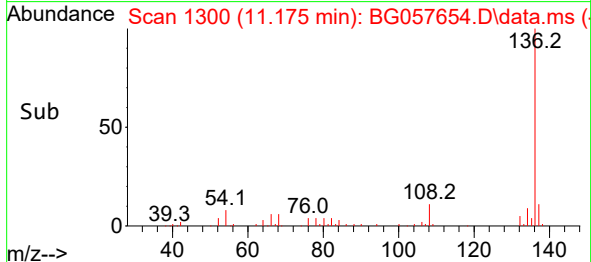
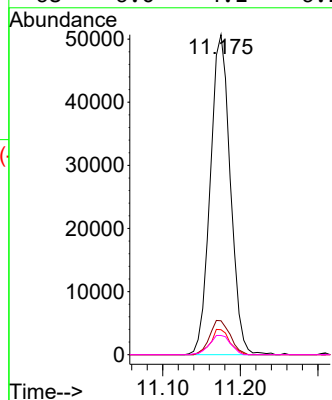
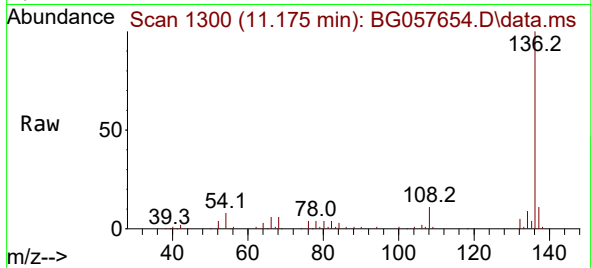




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

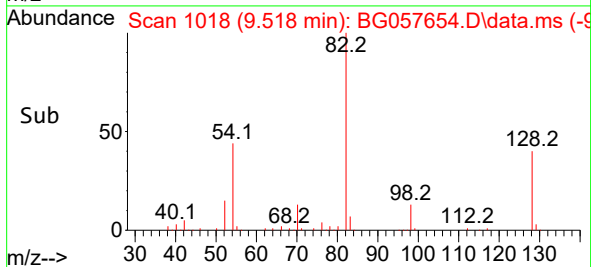
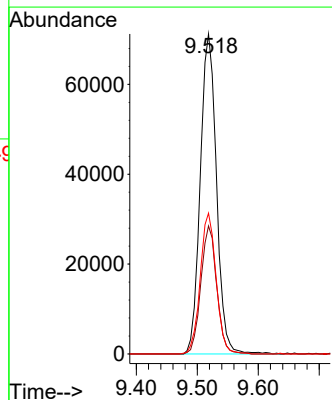
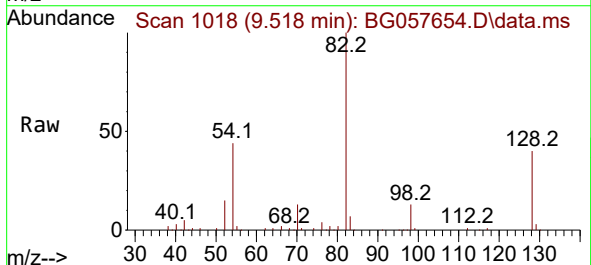
Instrument :
BNA_G
ClientSampleId :
TP17-0A

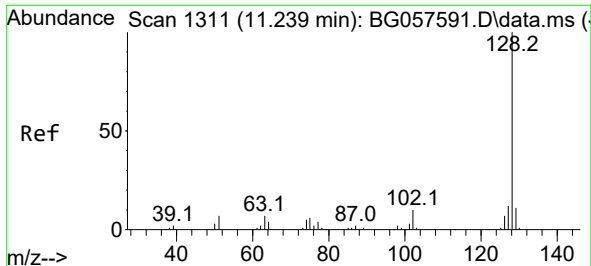
Tgt Ion:136	Resp:	91055
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.8 14.8
54	7.8	5.8 8.6
68	6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 67.340 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion: 82	Resp:	131169
Ion Ratio	Lower	Upper
82	100	
128	40.0	30.0 45.0
54	44.0	35.2 52.8

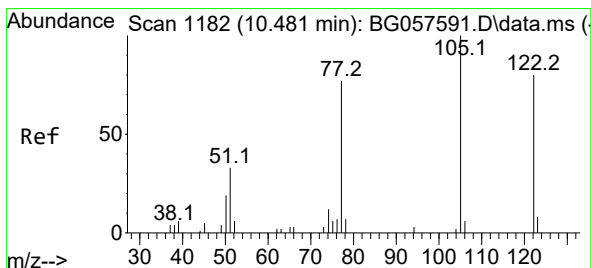
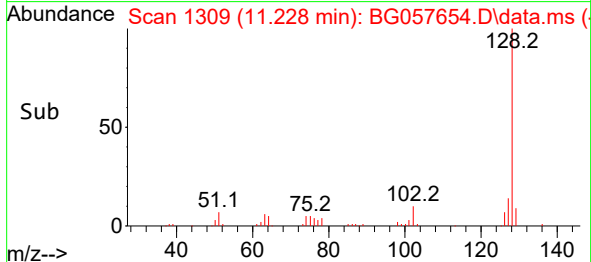
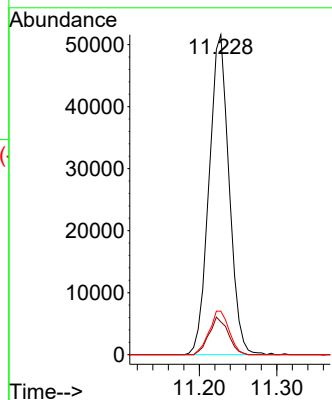
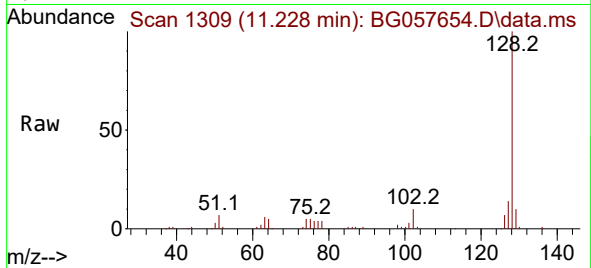




#31
Naphthalene
Concen: 19.274 ng
RT: 11.228 min Scan# 1165
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

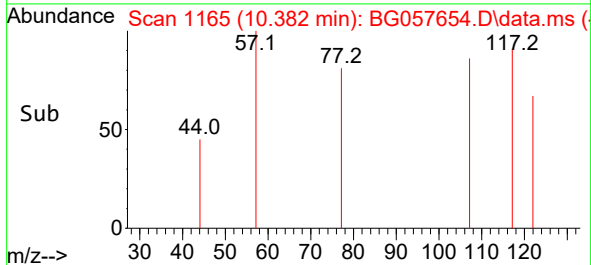
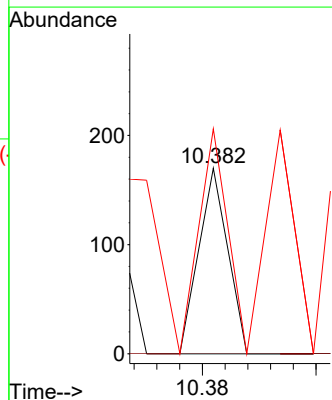
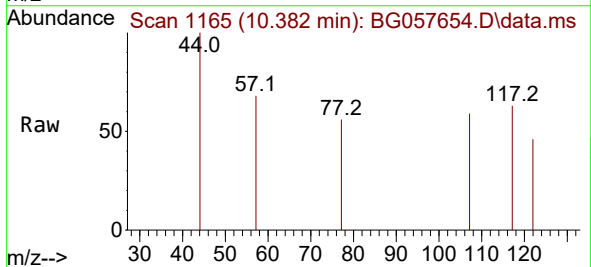
Instrument :
BNA_G
ClientSampleId :
TP17-0A

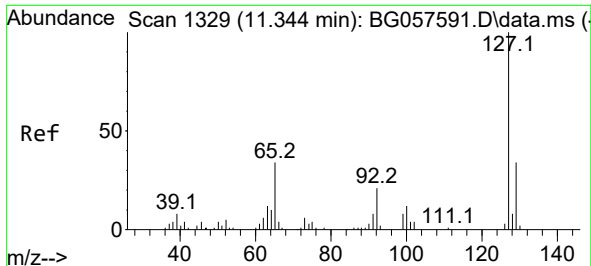
Tgt Ion:128 Resp: 92837
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 13.6 9.8 14.8



#32
Benzoic acid
Concen: 6.690 ng
RT: 10.382 min Scan# 1165
Delta R.T. -0.096 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 104.8 144.8#
77 121.2 75.8 115.8#

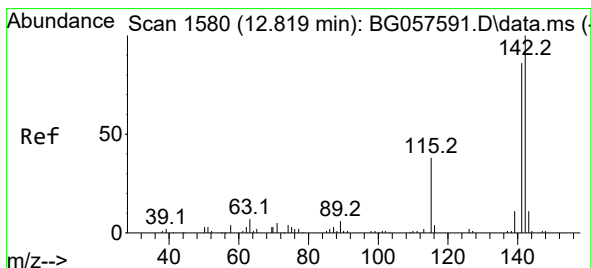
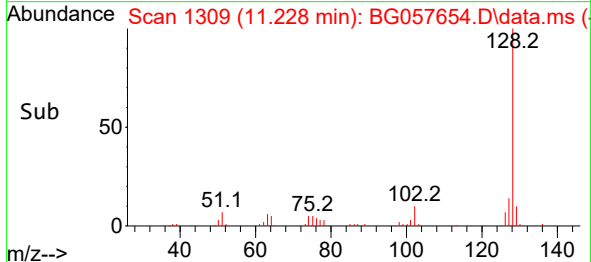
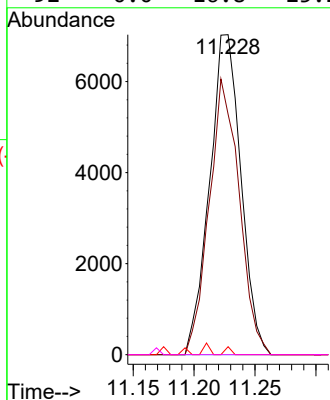
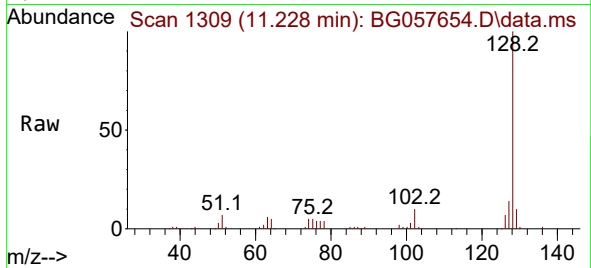




#33
4-Chloroaniline
Concen: 5.685 ng
RT: 11.228 min Scan# 11
Delta R.T. -0.108 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

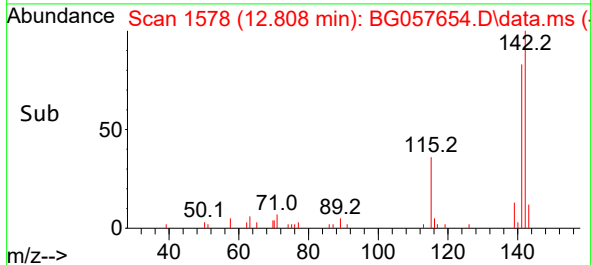
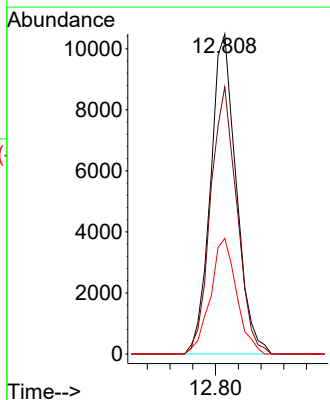
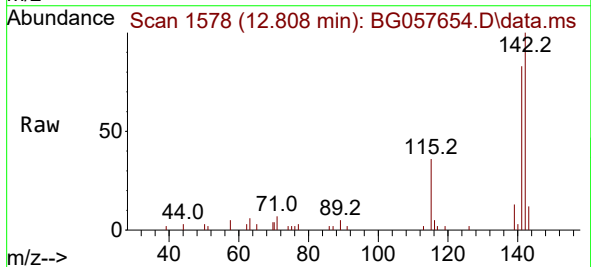
Instrument :
BNA_G
ClientSampleId :
TP17-0A

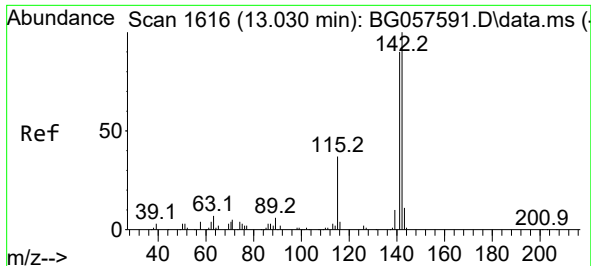
Tgt Ion:127	Resp:	12593
Ion	Ratio	Lower Upper
127	100	
129	75.1	26.9 40.3#
65	2.5	27.3 40.9#
92	0.0	16.8 25.2#



#37
2-Methylnaphthalene
Concen: 4.345 ng
RT: 12.808 min Scan# 1578
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion:142	Resp:	16427
Ion	Ratio	Lower Upper
142	100	
141	83.4	68.6 103.0
115	36.1	30.4 45.6





#38

1-Methylnaphthalene

Concen: 4.553 ng

RT: 12.808 min Scan# 1

Delta R.T. -0.219 min

Lab File: BG057654.D

Acq: 7 Jun 2023 3:12

Instrument :

BNA_G

ClientSampleId :

TP17-0A

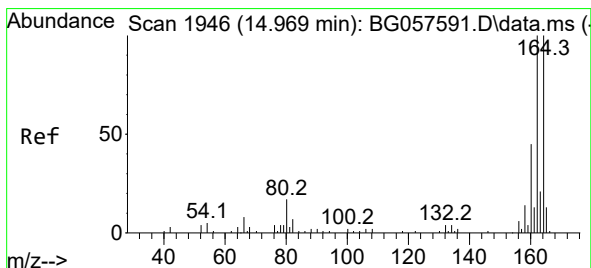
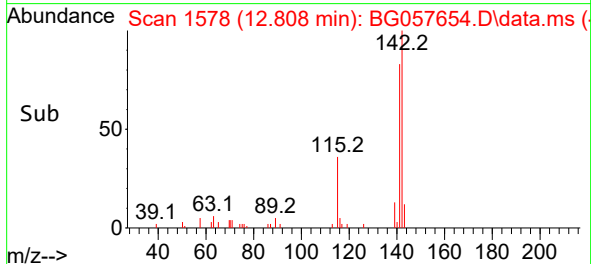
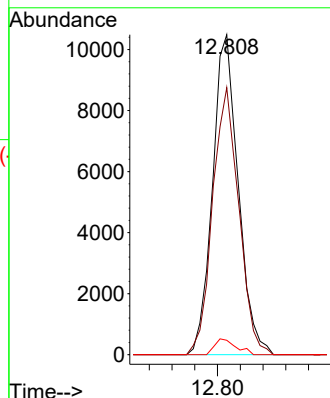
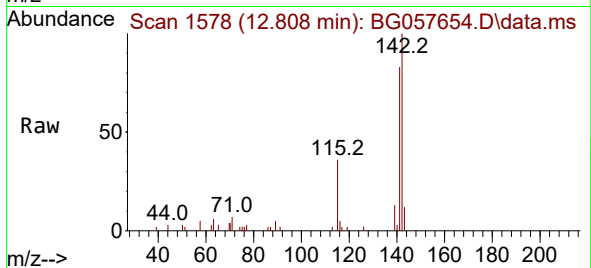
Tgt Ion:142 Resp: 16427

Ion Ratio Lower Upper

142 100

141 83.4 72.1 108.1

116 4.5 3.4 5.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.952 min Scan# 1943

Delta R.T. -0.008 min

Lab File: BG057654.D

Acq: 7 Jun 2023 3:12

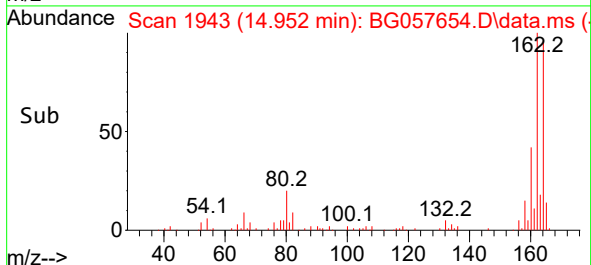
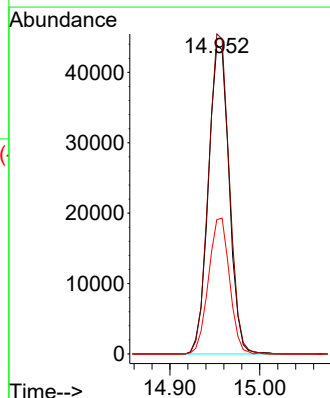
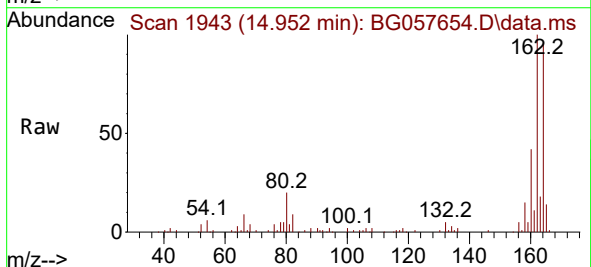
Tgt Ion:164 Resp: 70560

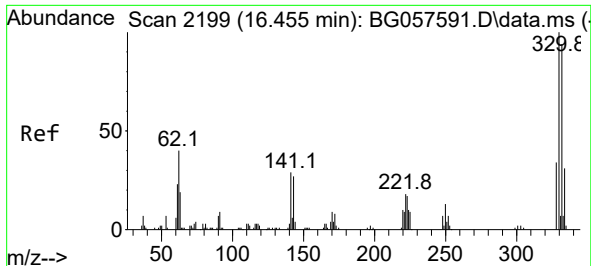
Ion Ratio Lower Upper

164 100

162 103.6 80.1 120.1

160 43.5 35.9 53.9

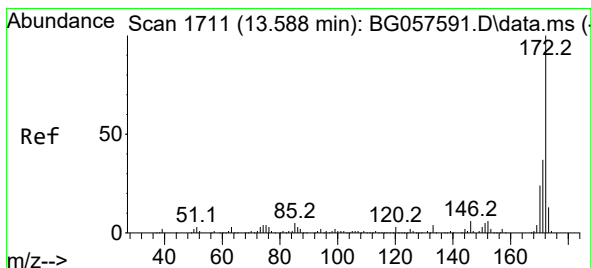
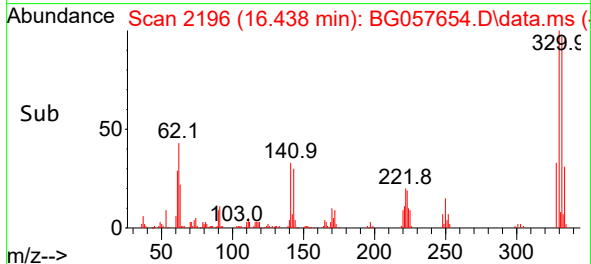
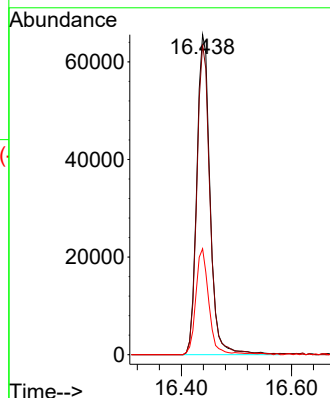
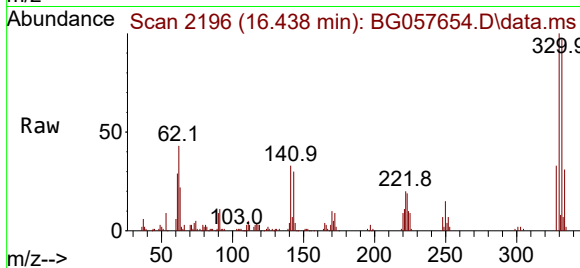




#42
2,4,6-Tribromophenol
Concen: 96.993 ng
RT: 16.438 min Scan# 2199
Delta R.T. -0.008 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

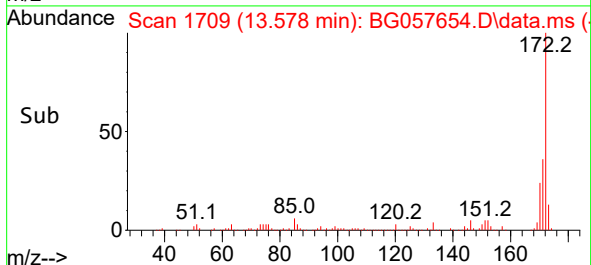
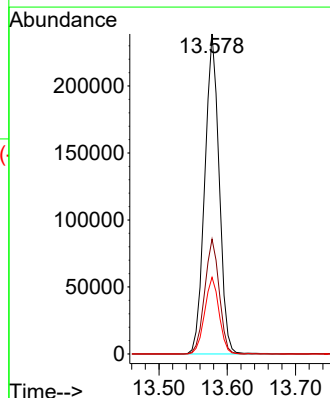
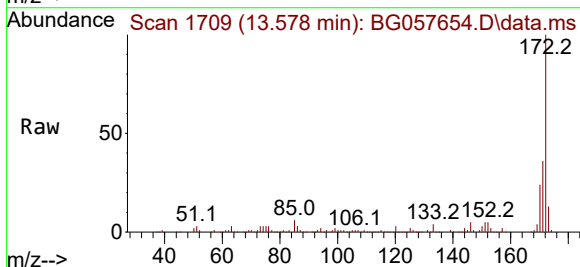
Instrument :
BNA_G
ClientSampleId :
TP17-0A

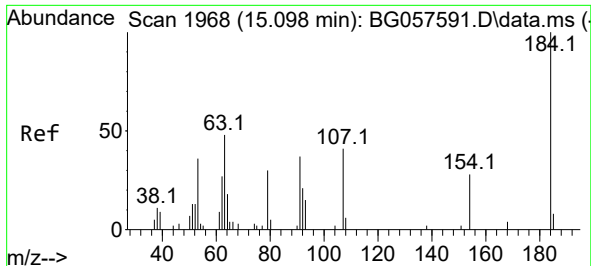
Tgt Ion:330 Resp: 109572
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.6 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 71.367 ng
RT: 13.578 min Scan# 1709
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion:172 Resp: 350400
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 24.0 19.0 28.4

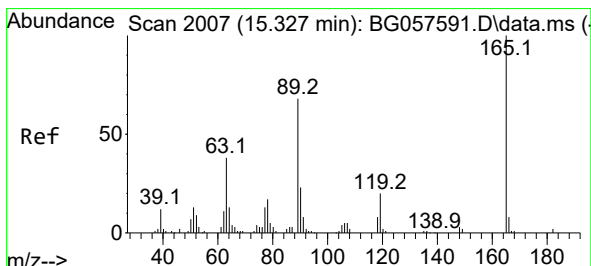
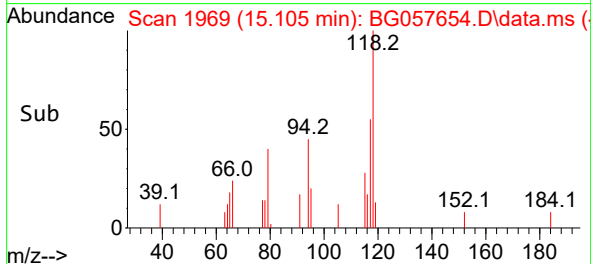
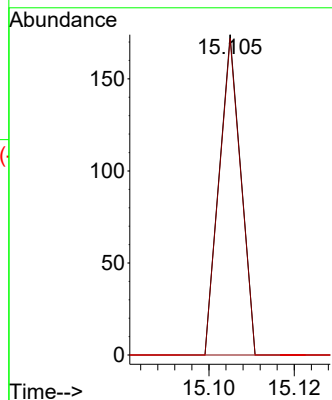
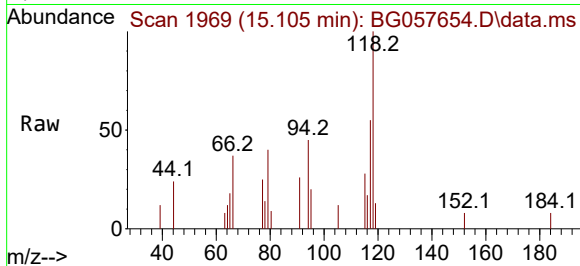




#54
2,4-Dinitrophenol
Concen: 7.497 ng
RT: 15.105 min Scan# 1969
Delta R.T. 0.016 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

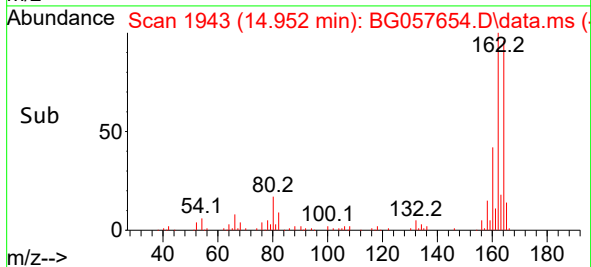
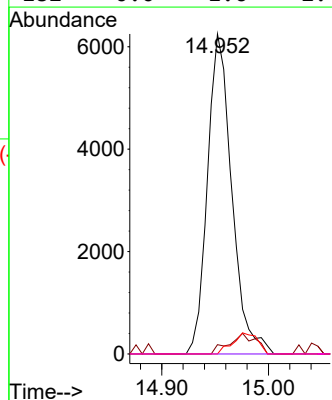
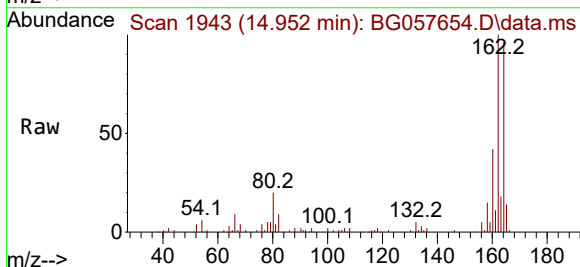
Instrument :
BNA_G
ClientSampleId :
TP17-0A

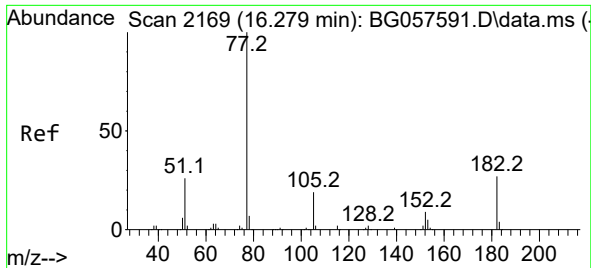
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 98.9 41.4 62.2#
154 0.0 52.5 78.7#



#57
2,4-Dinitrotoluene
Concen: 5.309 ng
RT: 14.952 min Scan# 1943
Delta R.T. -0.372 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion:165 Resp: 9895
Ion Ratio Lower Upper
165 100
63 2.9 30.6 45.8#
89 0.0 54.2 81.2#
182 0.0 1.6 2.4#

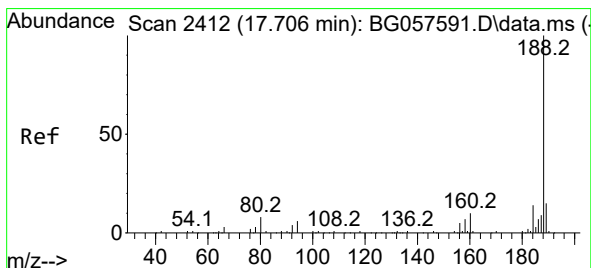
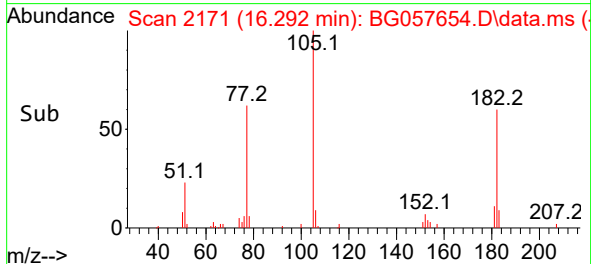
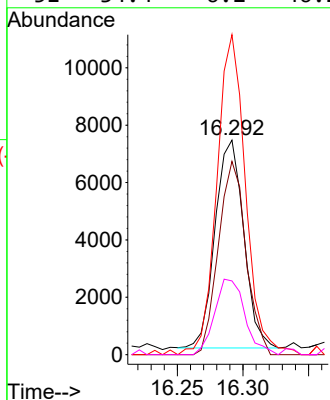
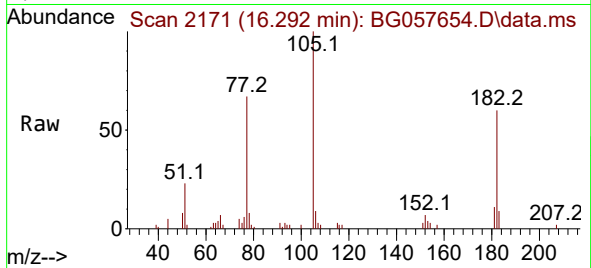




#63
Azobenzene
Concen: 2.034 ng
RT: 16.292 min Scan# 2169
Delta R.T. 0.022 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

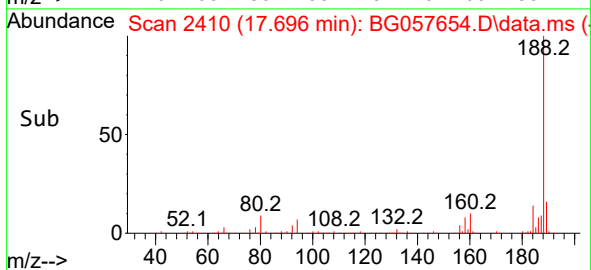
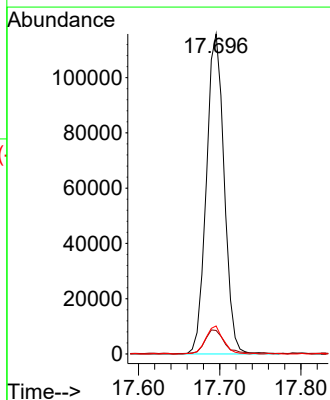
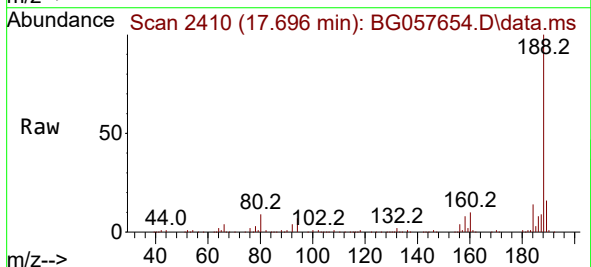
Instrument :
BNA_G
ClientSampleId :
TP17-0A

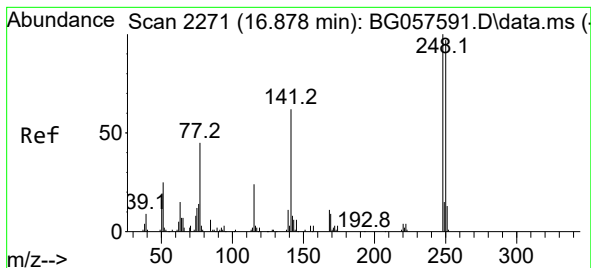
Tgt Ion: 77	Resp: 10981
Ion Ratio	Lower Upper
77 100	
182 90.1	7.4 47.4#
105 149.2	0.0 39.4#
51 34.4	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.696 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion: 188	Resp: 175563
Ion Ratio	Lower Upper
188 100	
94 7.4	5.2 7.8
80 8.8	6.7 10.1

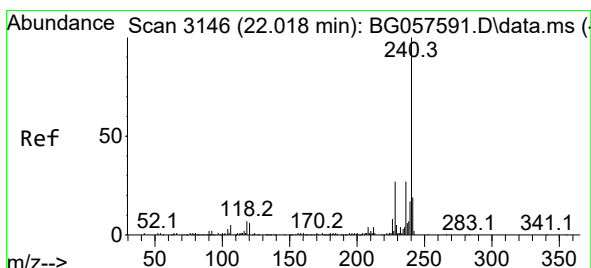
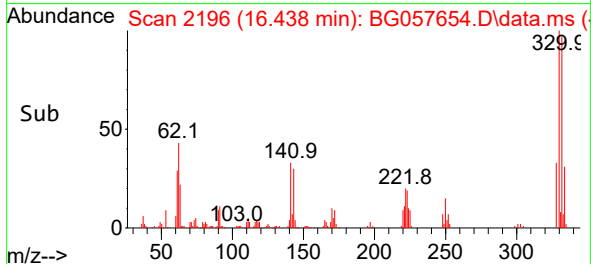
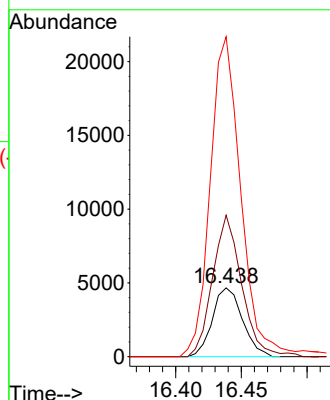
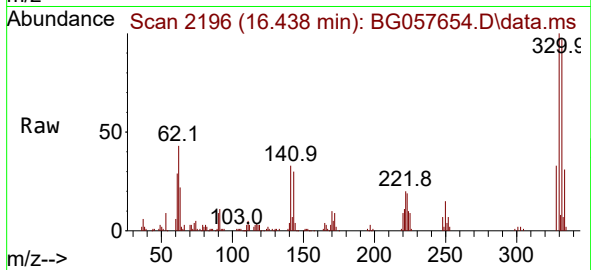




#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.431 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

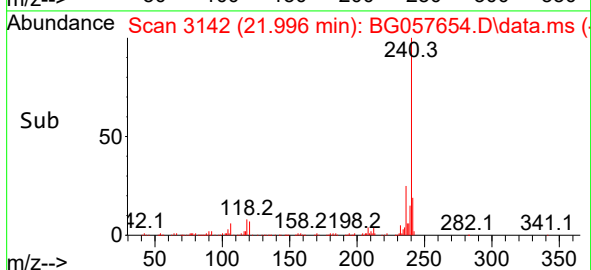
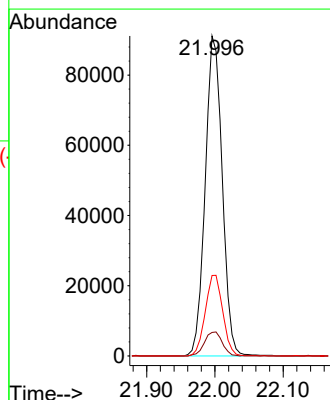
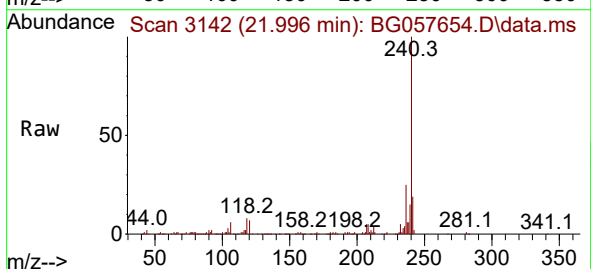
Instrument :
BNA_G
ClientSampleId :
TP17-0A

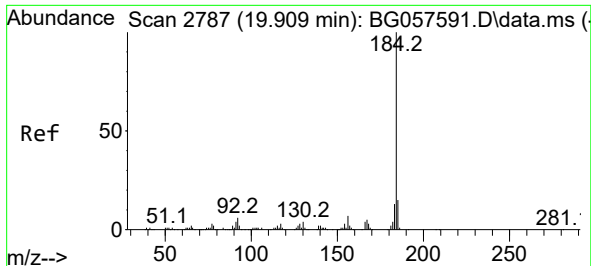
Tgt Ion:248 Resp: 7418
Ion Ratio Lower Upper
248 100
250 205.5 77.4 116.2#
141 465.1 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.996 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion:240 Resp: 158419
Ion Ratio Lower Upper
240 100
120 7.4 5.2 7.8
236 25.1 21.4 32.0

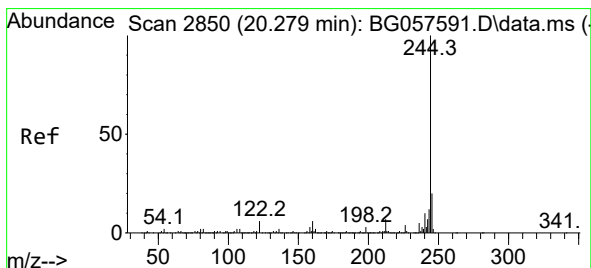
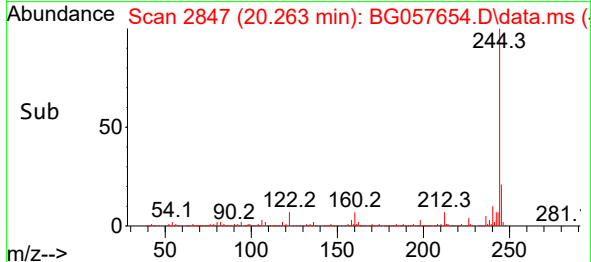
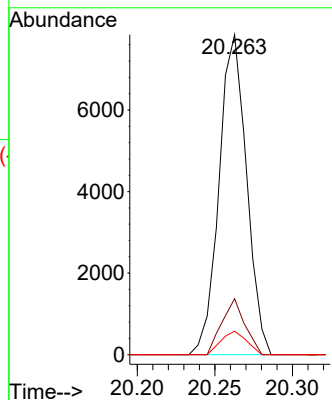
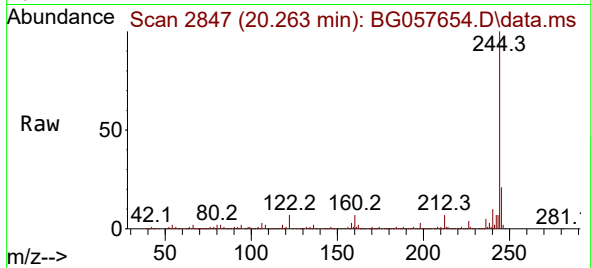




#77
Benzidine
Concen: 2.016 ng
RT: 20.263 min Scan# 2847
Delta R.T. 0.368 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

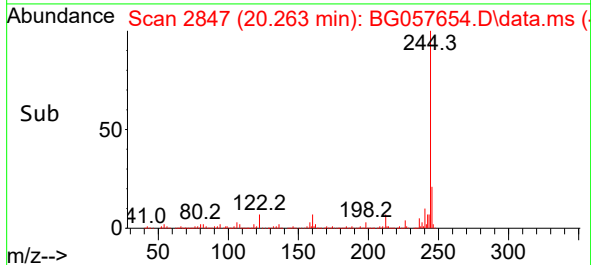
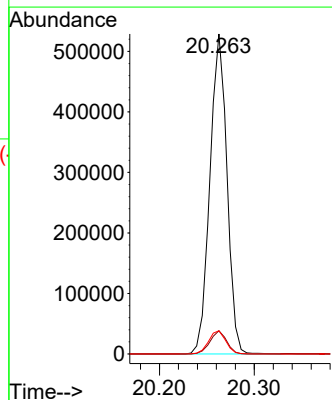
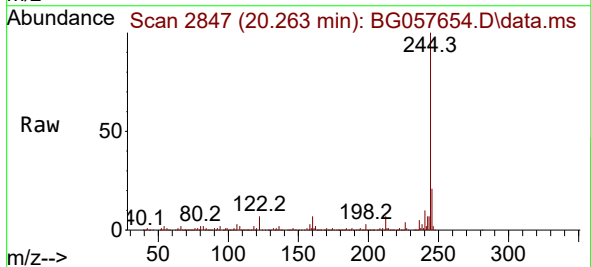
Instrument :
BNA_G
ClientSampleId :
TP17-0A

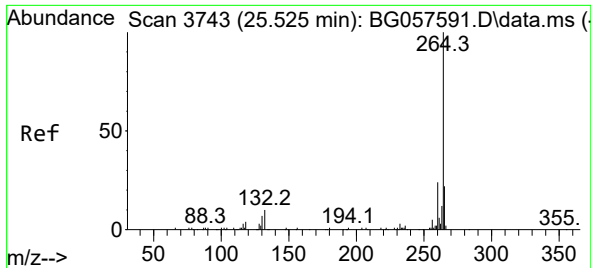
Tgt Ion:184 Resp: 9663
Ion Ratio Lower Upper
184 100
185 17.5 12.0 18.0
183 7.4 10.0 15.0#



#79
Terphenyl-d14
Concen: 72.121 ng
RT: 20.263 min Scan# 2847
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Tgt Ion:244 Resp: 659575
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 7.2 4.8 7.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.485 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Instrument :
BNA_G
ClientSampleId :
TP17-0A

Tgt Ion:264 Resp: 168319
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 22.2 17.7 26.5

