

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056192.D
 Acq On : 3 Jan 2023 19:03
 Operator : CG/JU
 Sample : N6239-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-C1

Quant Time: Jan 04 02:15:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

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

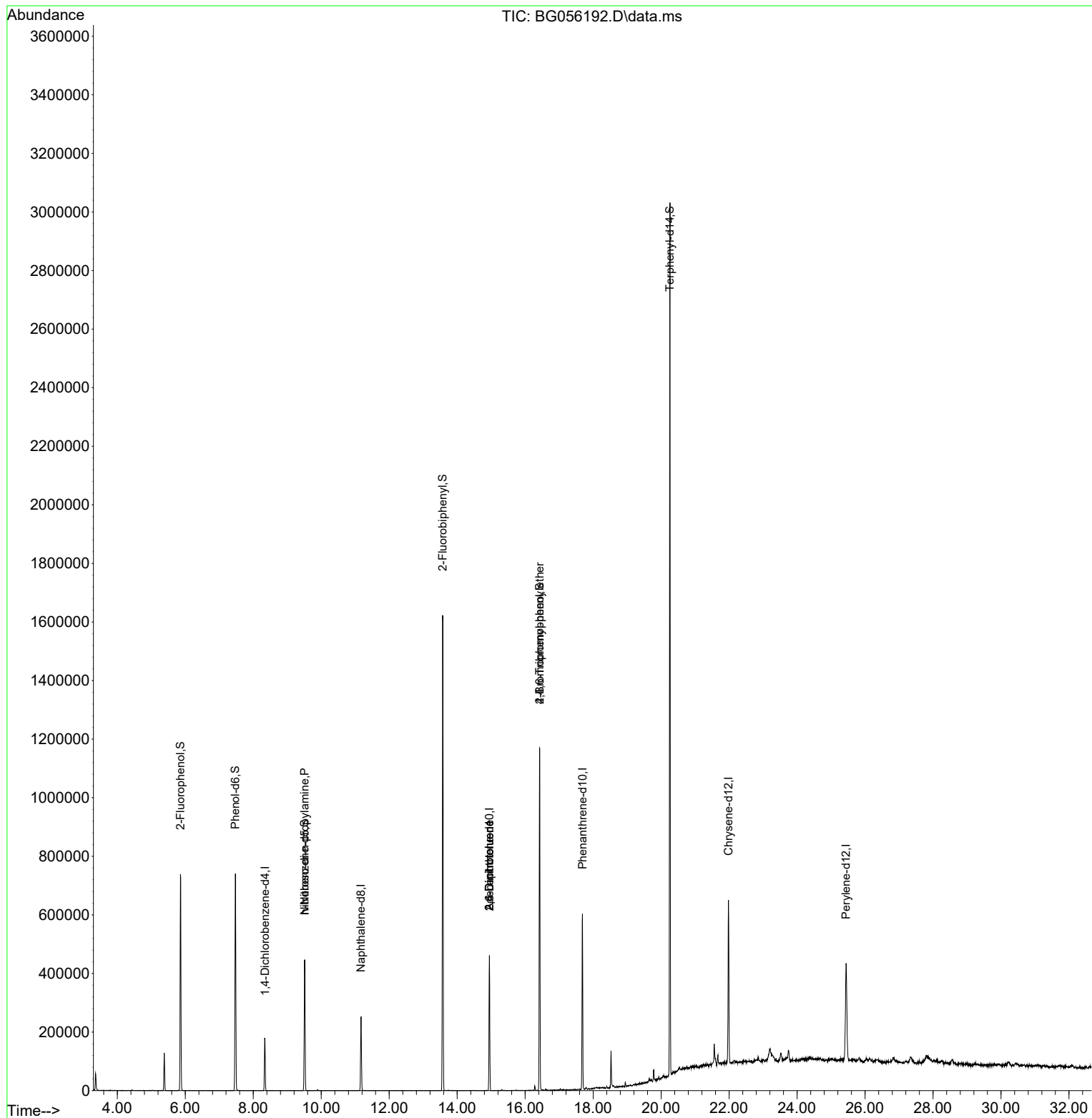
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	59052	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	228988	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	173777	20.000	ng	0.00
64) Phenanthrene-d10	17.686	188	410645	20.000	ng	0.00
76) Chrysene-d12	21.981	240	378618	20.000	ng	# 0.00
86) Perylene-d12	25.442	264	404755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	422000	127.596	ng	0.01
7) Phenol-d6	7.474	99	585447	115.266	ng	0.00
23) Nitrobenzene-d5	9.513	82	311485	69.580	ng	0.00
42) 2,4,6-Tribromophenol	16.429	330	245679	111.629	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	950922	75.564	ng	0.00
79) Terphenyl-d14	20.259	244	1606970	76.018	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.513	70	38477	12.458	ng	# 74
51) 2,6-Dinitrotoluene	14.948	165	22578	7.553	ng	# 31
57) 2,4-Dinitrotoluene	14.948	165	22578	5.401	ng	# 28
67) 4-Bromophenyl-phenylether	16.429	248	19802	3.787	ng	# 1

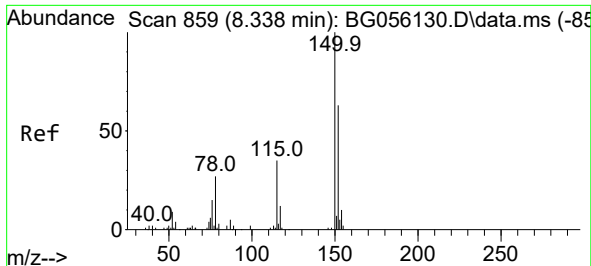
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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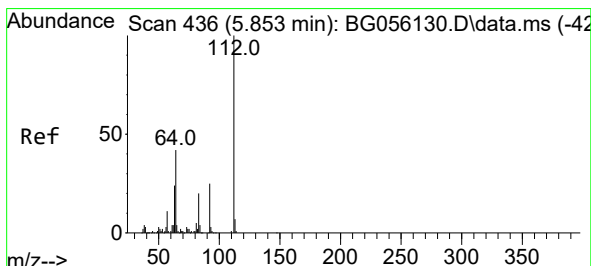
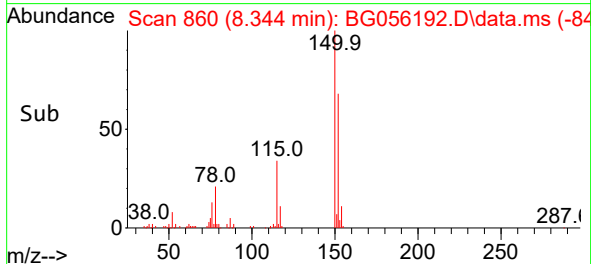
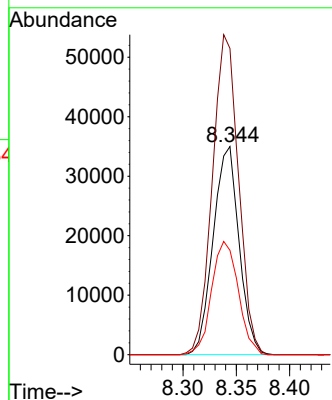
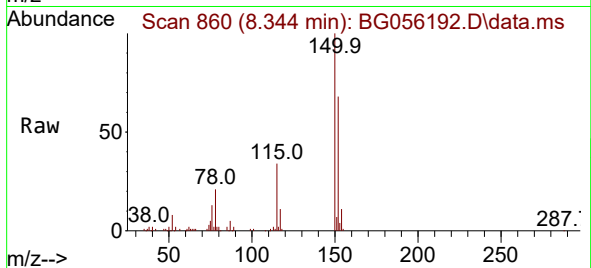




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

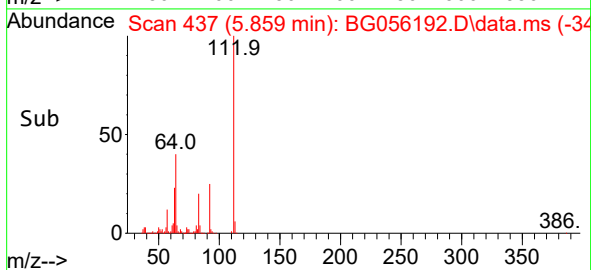
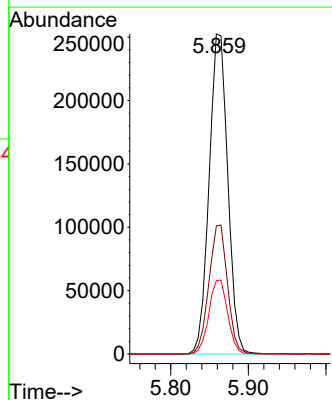
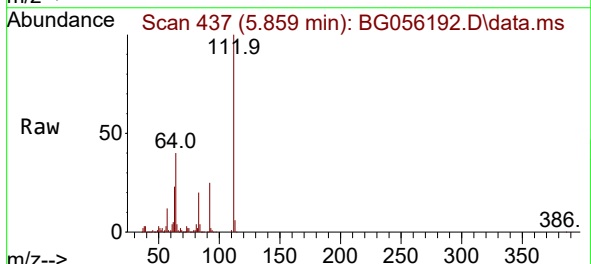
Instrument :
BNA_G
ClientSampleId :
TP-C1

Tgt Ion:152 Resp: 59052
Ion Ratio Lower Upper
152 100
150 147.2 127.9 191.9
115 50.1 44.2 66.2



#5
2-Fluorophenol
Concen: 127.596 ng
RT: 5.859 min Scan# 437
Delta R.T. 0.012 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

Tgt Ion:112 Resp: 422000
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 22.9 19.0 28.4

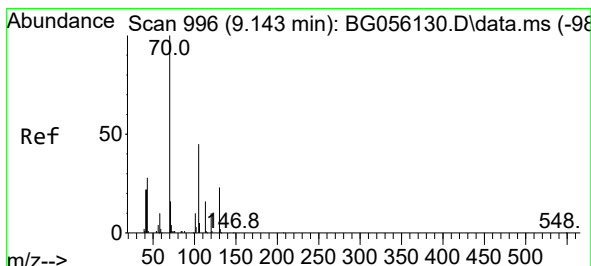
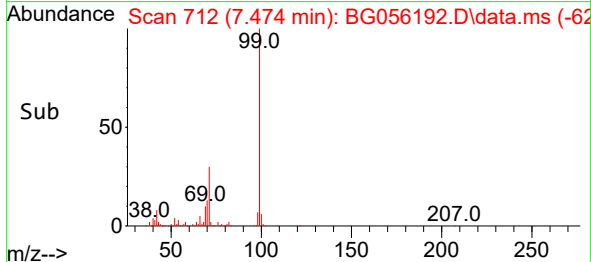
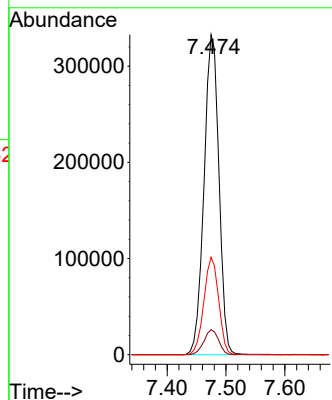
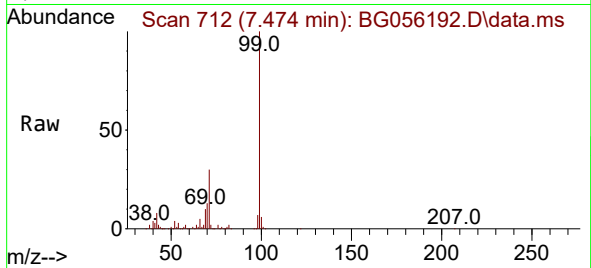




#7
Phenol-d6
Concen: 115.266 ng
RT: 7.474 min Scan# 711
Delta R.T. 0.006 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

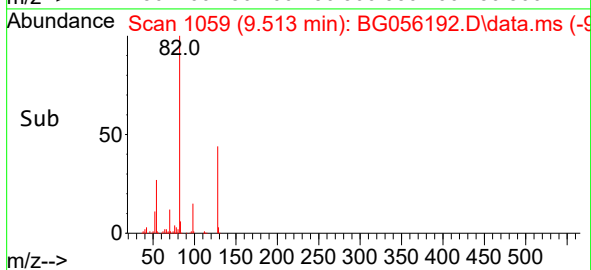
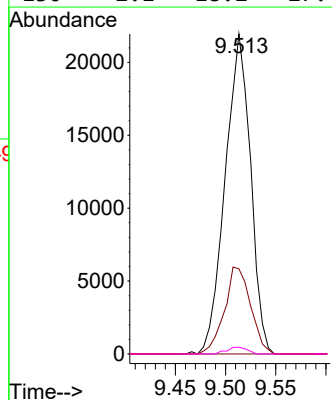
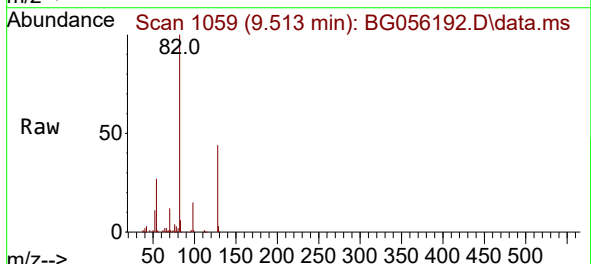
Instrument :
BNA_G
ClientSampleId :
TP-C1

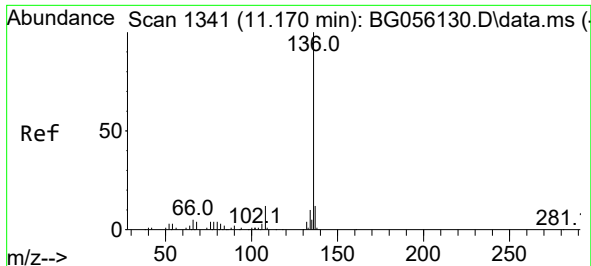
Tgt Ion: 99 Resp: 585447
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.4 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.458 ng
RT: 9.513 min Scan# 1059
Delta R.T. 0.376 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

Tgt Ion: 70 Resp: 38477
Ion Ratio Lower Upper
70 100
42 26.6 18.2 27.2
101 0.0 8.3 12.5#
130 2.1 18.2 27.4#

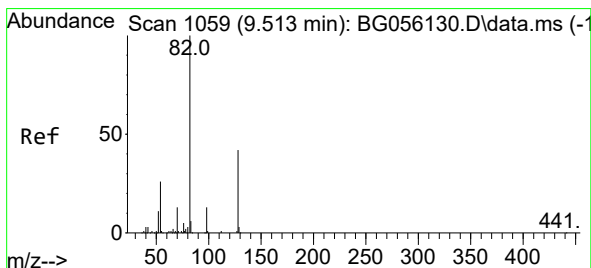
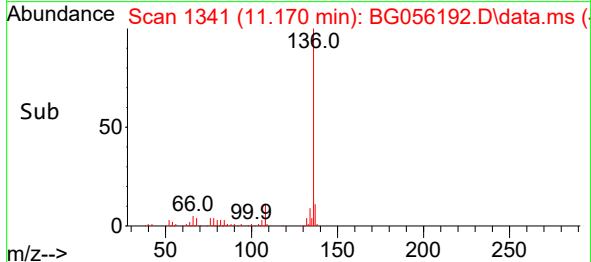
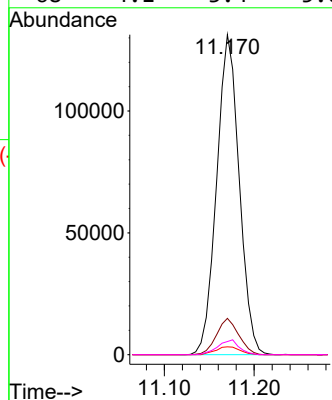
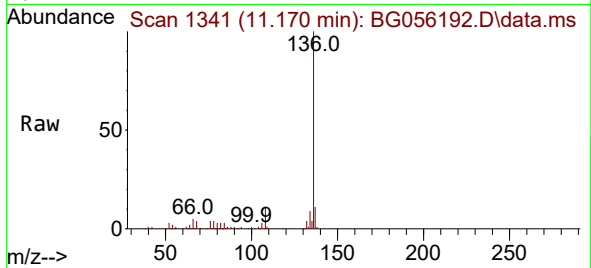




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

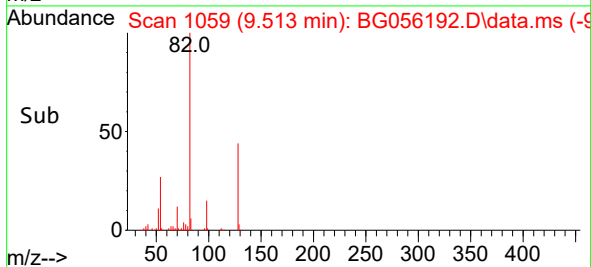
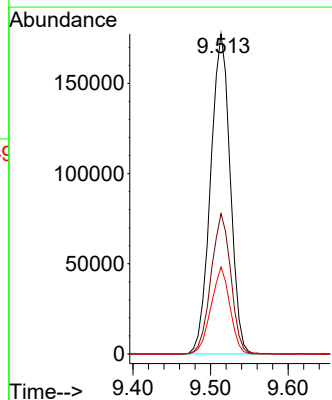
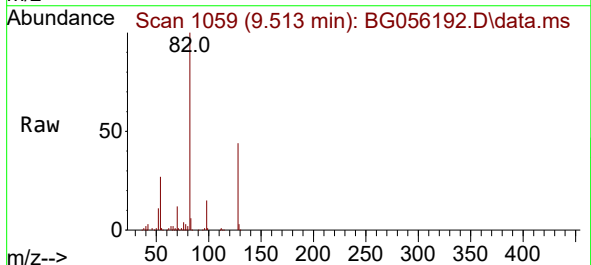
Instrument :
BNA_G
ClientSampleId :
TP-C1

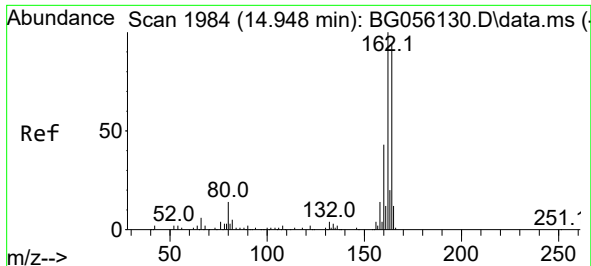
Tgt Ion:136 Resp: 228988
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 2.4 2.2 3.2
68 4.1 3.4 5.0



#23
Nitrobenzene-d5
Concen: 69.580 ng
RT: 9.513 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

Tgt Ion: 82 Resp: 311485
Ion Ratio Lower Upper
82 100
128 43.9 33.4 50.2
54 27.1 20.3 30.5

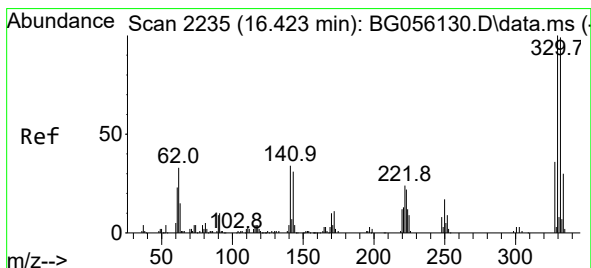
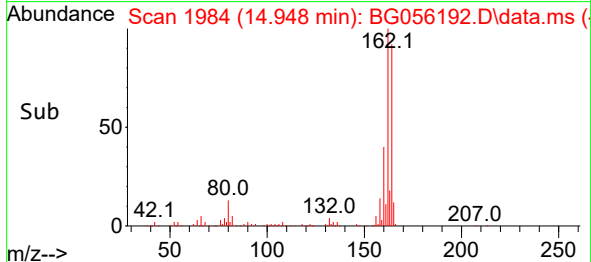
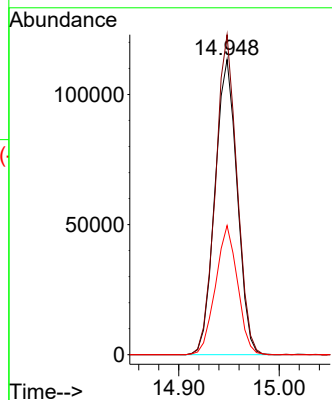
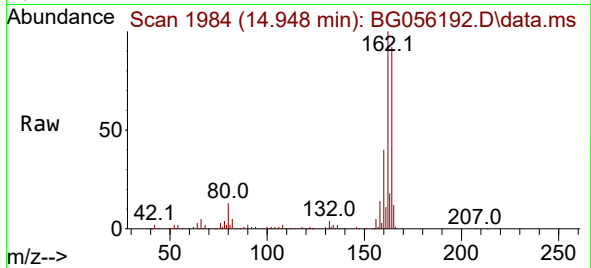




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.948 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

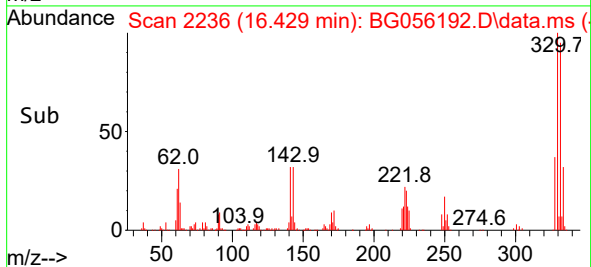
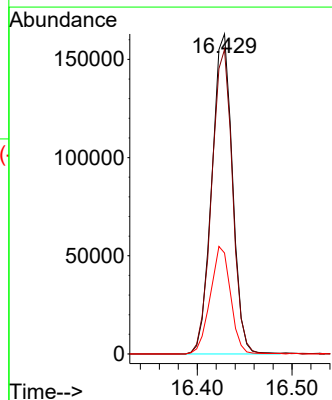
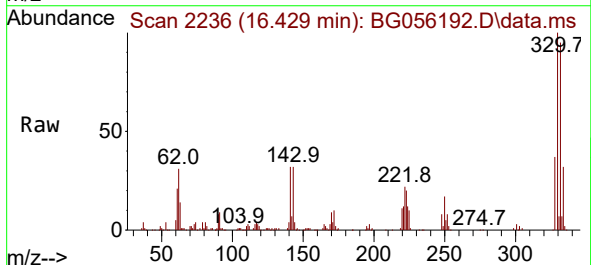
Instrument :
BNA_G
ClientSampleId :
TP-C1

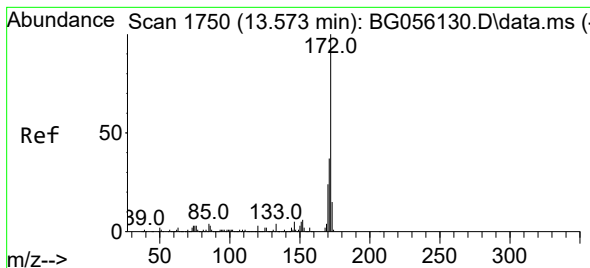
Tgt Ion:164 Resp: 173777
Ion Ratio Lower Upper
164 100
162 108.4 84.7 127.1
160 43.7 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 111.629 ng
RT: 16.429 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

Tgt Ion:330 Resp: 245679
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 33.2 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 75.564 ng

RT: 13.573 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG056192.D

Acq: 3 Jan 2023 19:03

Instrument :

BNA_G

ClientSampleId :

TP-C1

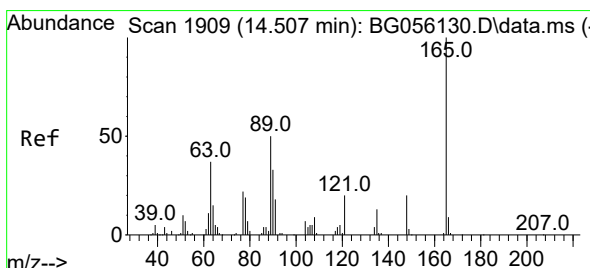
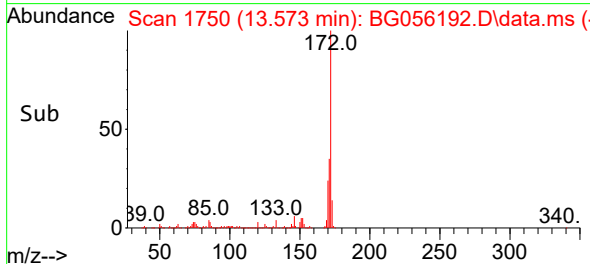
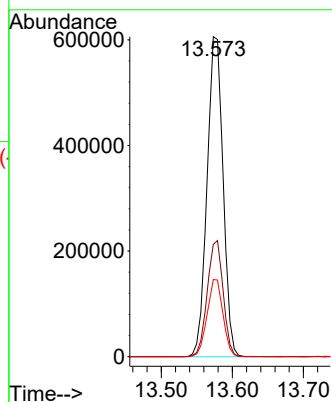
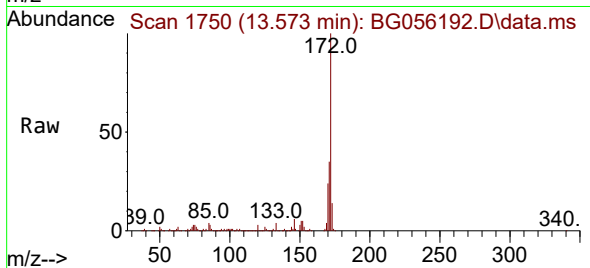
Tgt Ion:172 Resp: 950922

Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

170 24.1 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.553 ng

RT: 14.948 min Scan# 1984

Delta R.T. 0.435 min

Lab File: BG056192.D

Acq: 3 Jan 2023 19:03

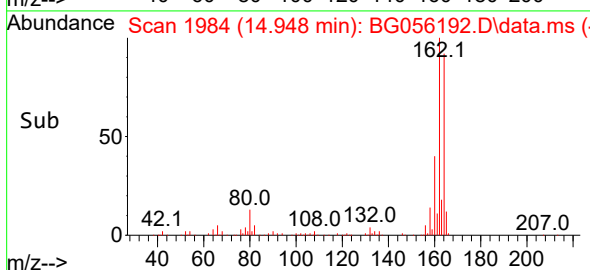
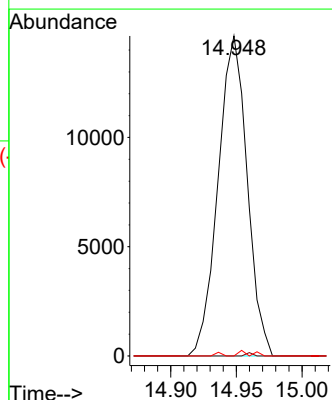
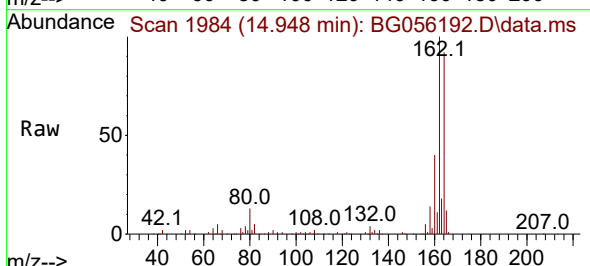
Tgt Ion:165 Resp: 22578

Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

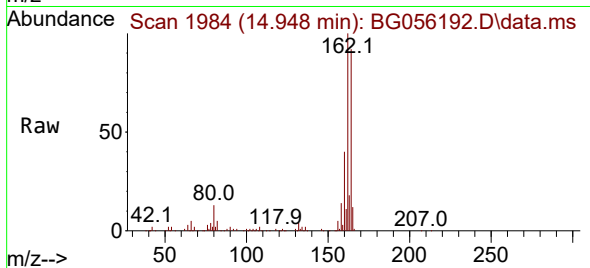
89 0.0 39.8 59.8#



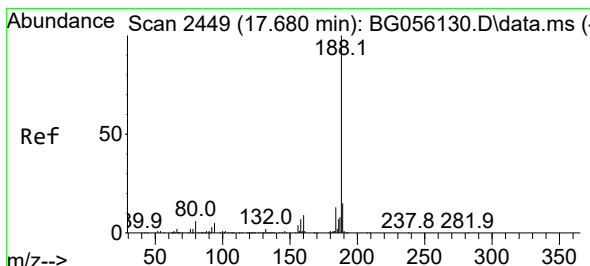
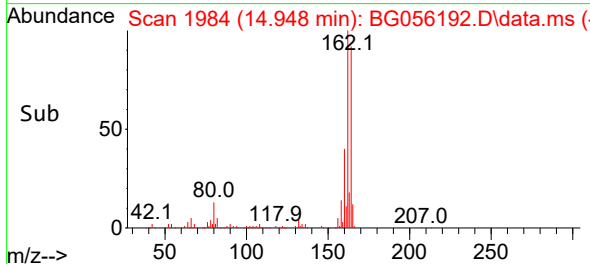
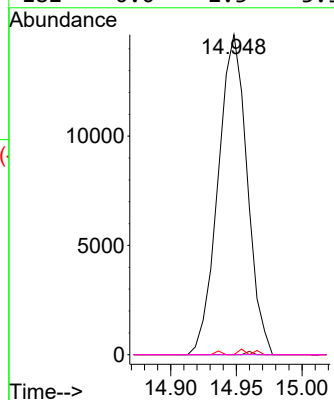


#57
2,4-Dinitrotoluene
Concen: 5.401 ng
RT: 14.948 min Scan# 1984
Delta R.T. -0.347 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

Instrument :
BNA_G
ClientSampleId :
TP-C1

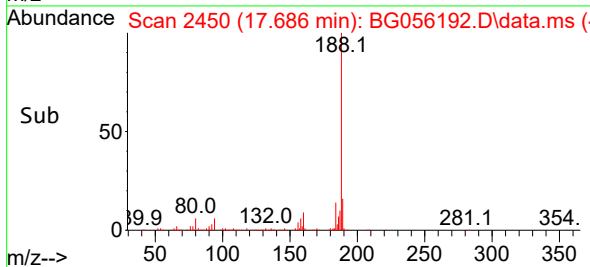
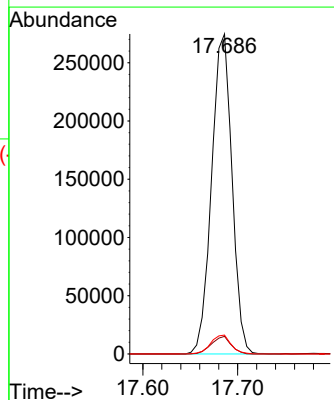
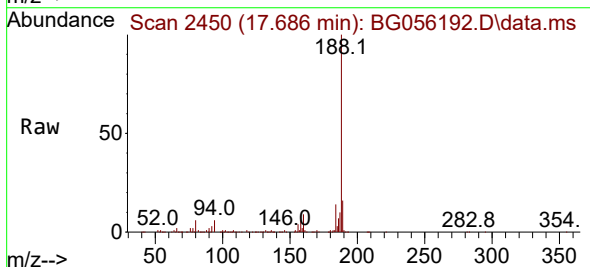


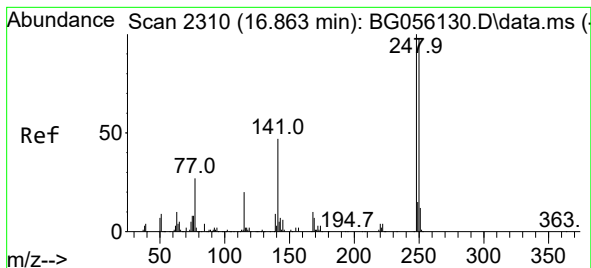
Tgt Ion:165 Resp: 22578
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.686 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

Tgt Ion:188 Resp: 410645
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.2
80 5.9 5.0 7.4

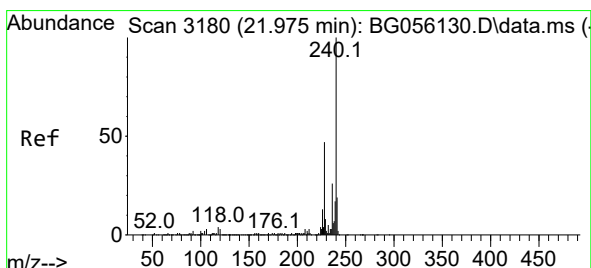
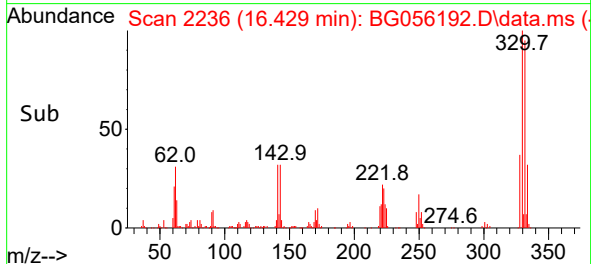
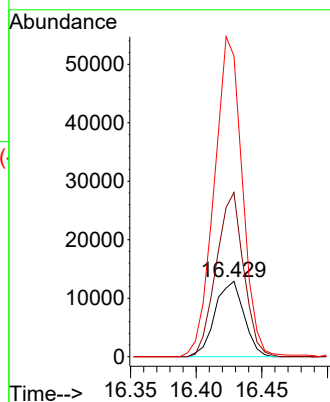
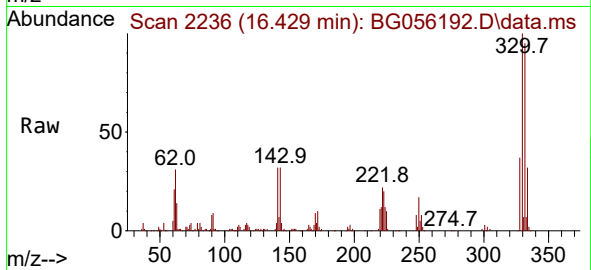




#67
4-Bromophenyl-phenylether
Concen: 3.787 ng
RT: 16.429 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

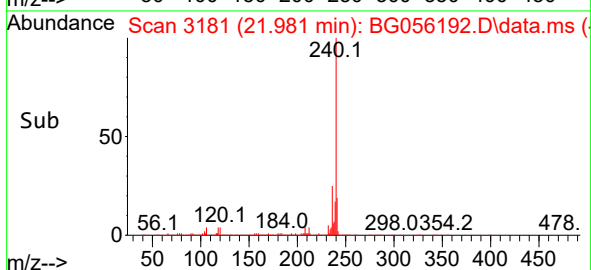
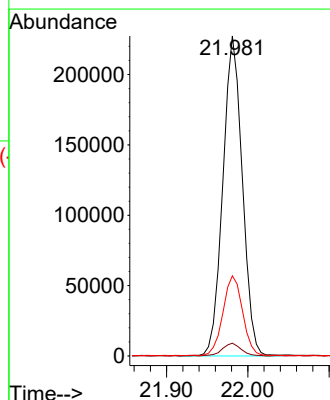
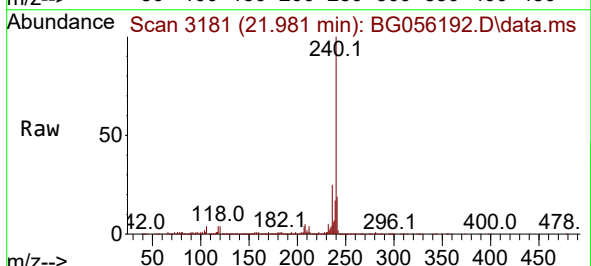
Instrument :
BNA_G
ClientSampleId :
TP-C1

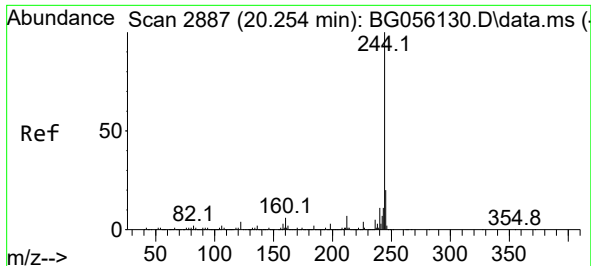
Tgt Ion:248 Resp: 19802
Ion Ratio Lower Upper
248 100
250 218.0 78.2 117.4#
141 399.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.981 min Scan# 3181
Delta R.T. -0.006 min
Lab File: BG056192.D
Acq: 3 Jan 2023 19:03

Tgt Ion:240 Resp: 378618
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 25.1 20.8 31.2

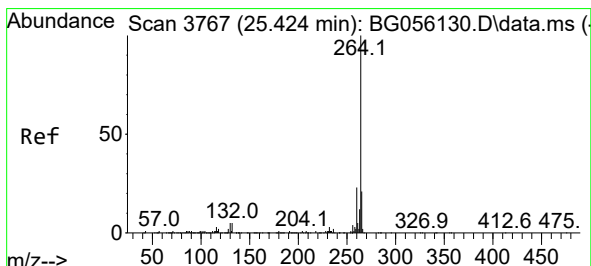
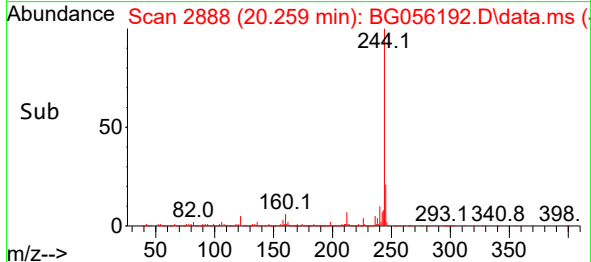
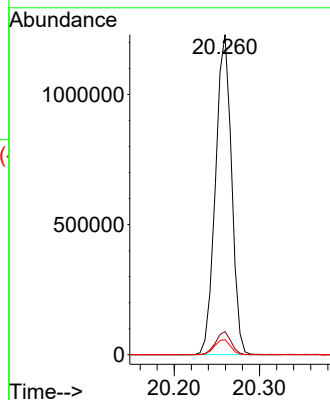
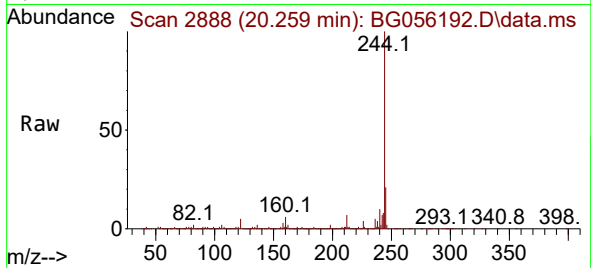




#79
 Terphenyl-d14
 Concen: 76.018 ng
 RT: 20.259 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056192.D
 Acq: 3 Jan 2023 19:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-C1

Tgt Ion:244 Resp: 1606970
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 4.7 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.442 min Scan# 3770
 Delta R.T. -0.006 min
 Lab File: BG056192.D
 Acq: 3 Jan 2023 19:03

Tgt Ion:264 Resp: 404755
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 28.0
 265 22.5 16.7 25.1

