

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
 Data File : BG056018.D
 Acq On : 19 Dec 2022 18:08
 Operator : CG/JU
 Sample : N6089-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-24

Quant Time: Dec 20 01:07:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 01:01:12 2022
 Response via : Initial Calibration

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

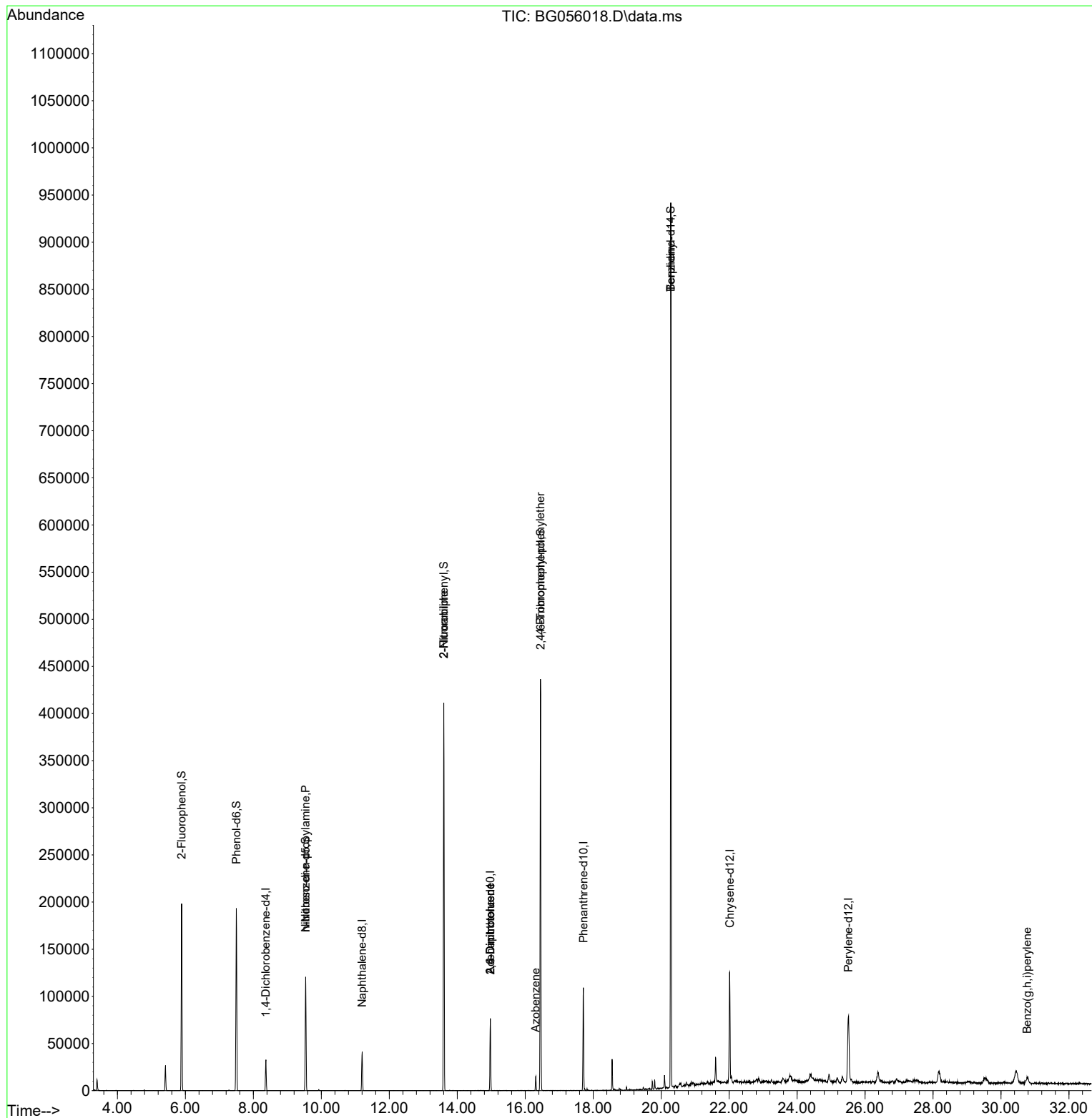
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	10229	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	35697	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	29884	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	80835	20.000	ng	0.00
76) Chrysene-d12	22.019	240	82998	20.000	ng	-0.01
86) Perylene-d12	25.509	264	98375	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	79358	181.942	ng	0.00
7) Phenol-d6	7.501	99	93270	166.263	ng	0.00
23) Nitrobenzene-d5	9.539	82	63118	123.563	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	119585	165.954	ng	0.00
45) 2-Fluorobiphenyl	13.605	172	227214	106.634	ng	0.00
79) Terphenyl-d14	20.286	244	510046	108.611	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.539	70	9823	24.429	ng	# 68
48) 2-Nitroaniline	13.605	65	128	3.186	ng	# 19
51) 2,6-Dinitrotoluene	14.974	165	3817	9.547	ng	# 25
57) 2,4-Dinitrotoluene	14.974	165	3817	6.325	ng	# 35
63) Azobenzene	16.308	77	4090	2.661	ng	# 5
67) 4-Bromophenyl-phenylether	16.449	248	6936	5.856	ng	# 1
77) Benzidine	20.286	184	7583	5.202	ng	# 89
92) Benzo(g,h,i)perylene	30.773	276	17569	2.744	ng	95

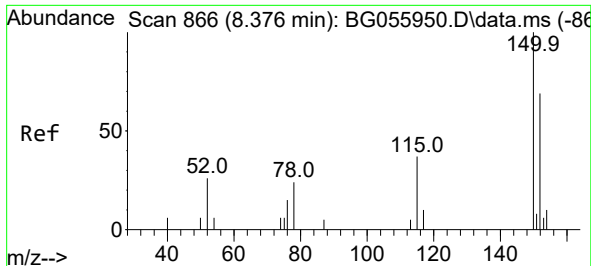
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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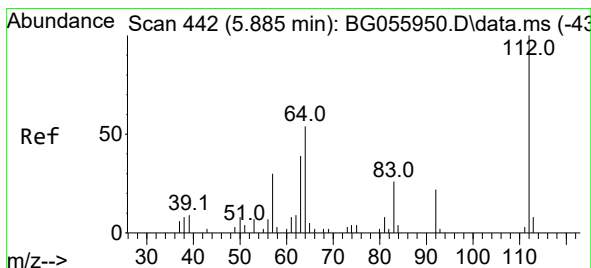
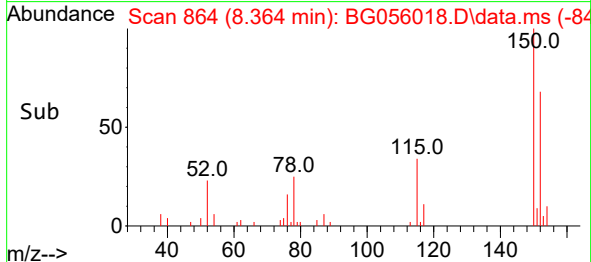
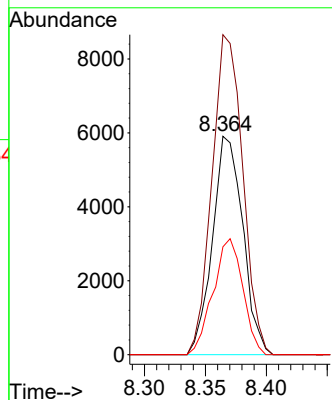
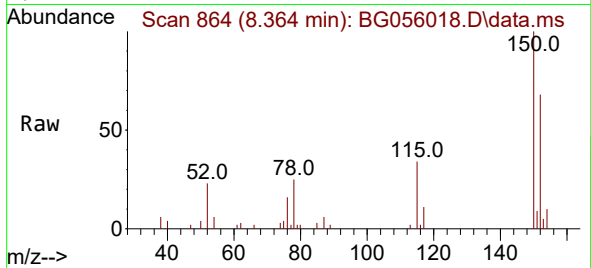




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.364 min Scan# 866
Delta R.T. 0.000 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

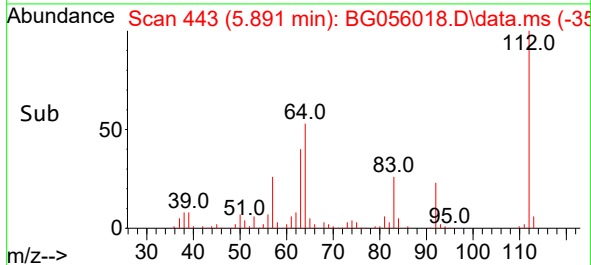
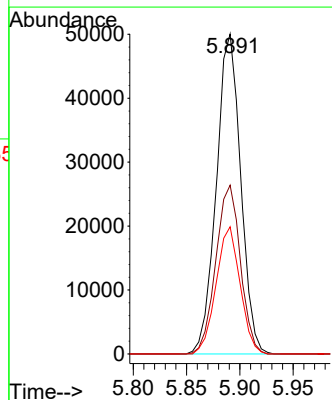
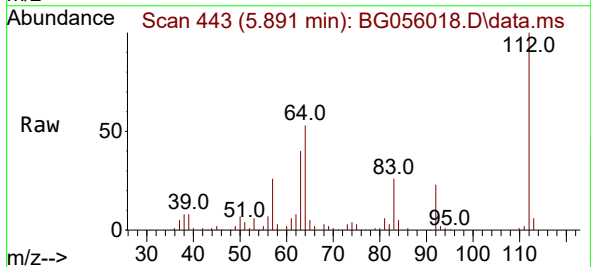
Instrument :
BNA_G
ClientSampleId :
MH-24

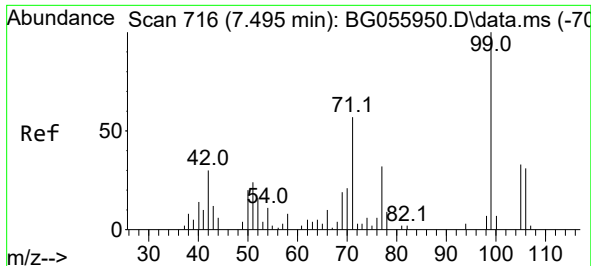
Tgt Ion:152 Resp: 10229
Ion Ratio Lower Upper
152 100
150 146.5 115.7 173.5
115 49.4 43.0 64.4



#5
2-Fluorophenol
Concen: 181.942 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

Tgt Ion:112 Resp: 79358
Ion Ratio Lower Upper
112 100
64 52.7 43.0 64.4
63 39.8 31.4 47.2

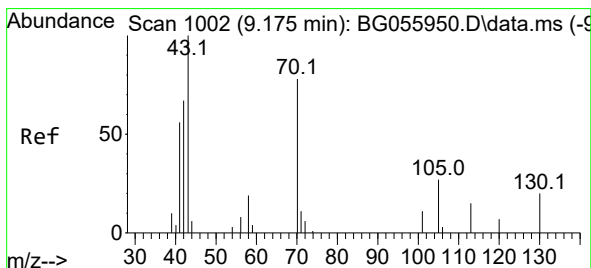
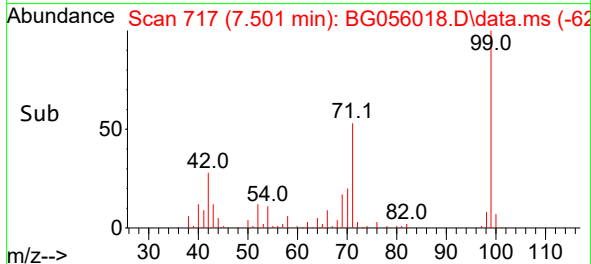
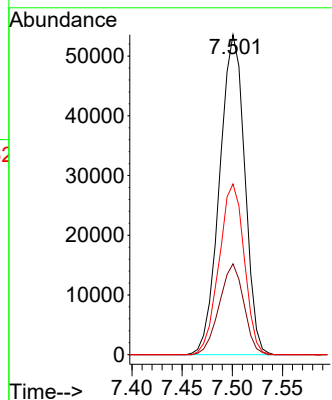
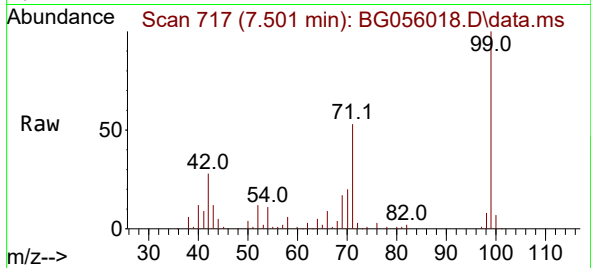




#7
Phenol-d6
Concen: 166.263 ng
RT: 7.501 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

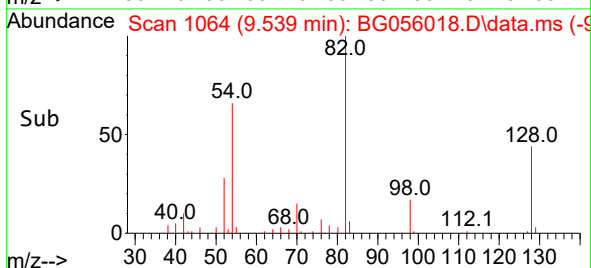
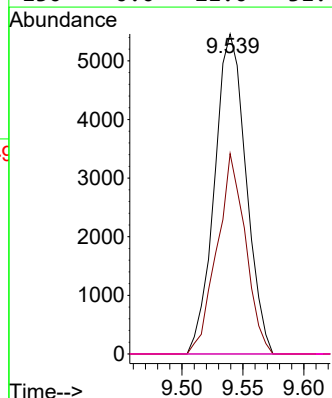
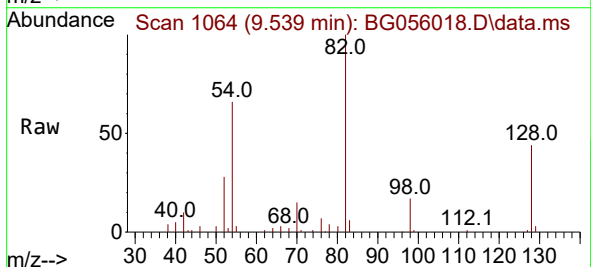
Instrument :
BNA_G
ClientSampleId :
MH-24

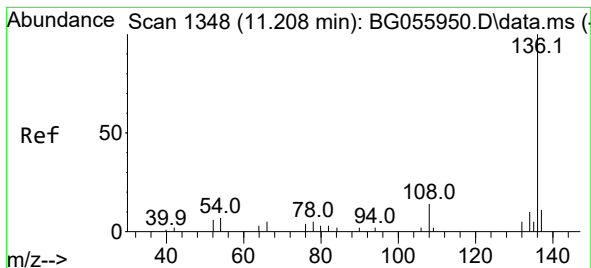
Tgt Ion: 99 Resp: 93270
Ion Ratio Lower Upper
99 100
42 28.4 24.3 36.5
71 53.4 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 24.429 ng
RT: 9.539 min Scan# 1064
Delta R.T. 0.365 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

Tgt Ion: 70 Resp: 9823
Ion Ratio Lower Upper
70 100
42 62.6 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.202 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG056018.D

Acq: 19 Dec 2022 18:08

Instrument :

BNA_G

ClientSampleId :

MH-24

Tgt Ion:136 Resp: 35697

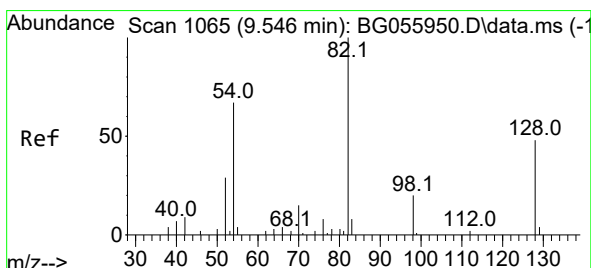
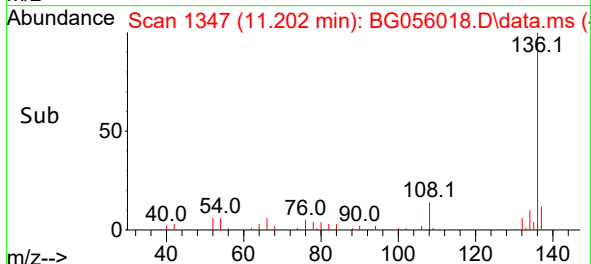
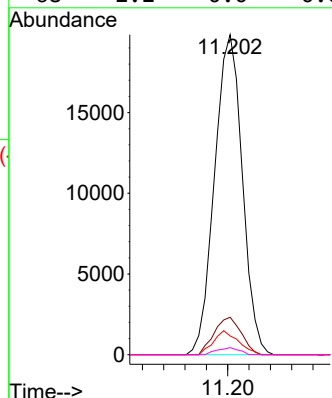
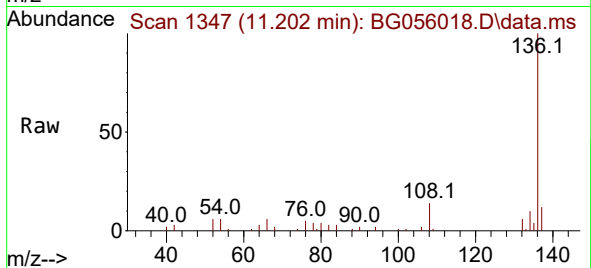
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 5.9 5.6 8.4

68 2.2 0.0 0.0#



#23

Nitrobenzene-d5

Concen: 123.563 ng

RT: 9.539 min Scan# 1064

Delta R.T. -0.005 min

Lab File: BG056018.D

Acq: 19 Dec 2022 18:08

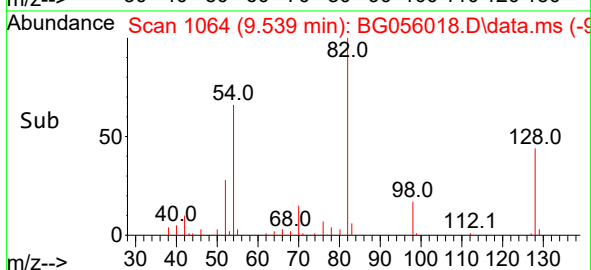
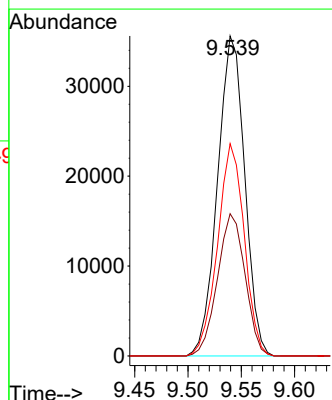
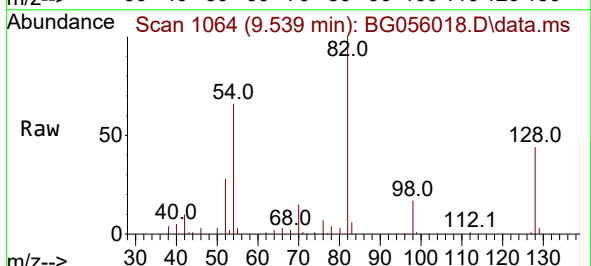
Tgt Ion: 82 Resp: 63118

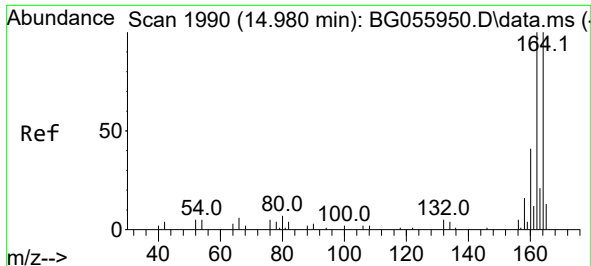
Ion Ratio Lower Upper

82 100

128 44.4 38.4 57.6

54 66.3 53.3 79.9

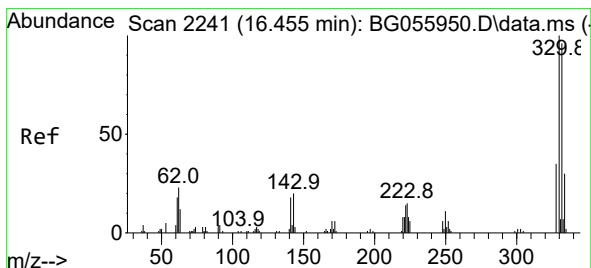
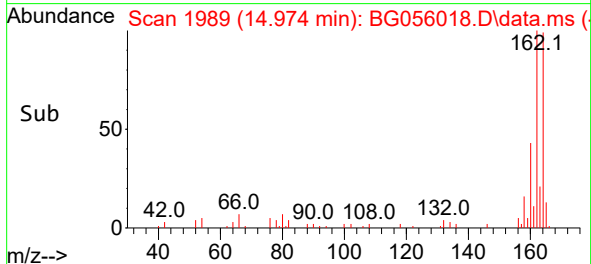
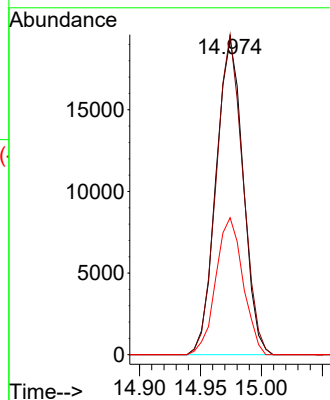
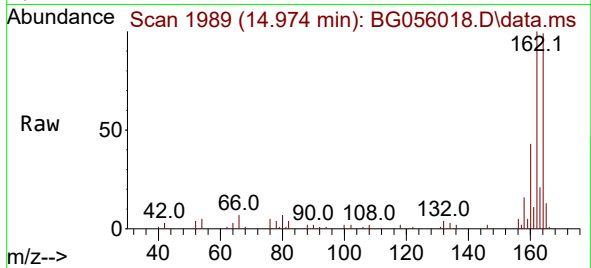




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

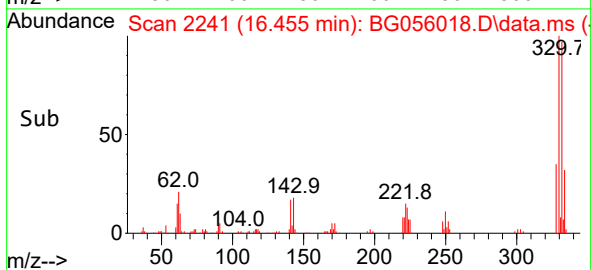
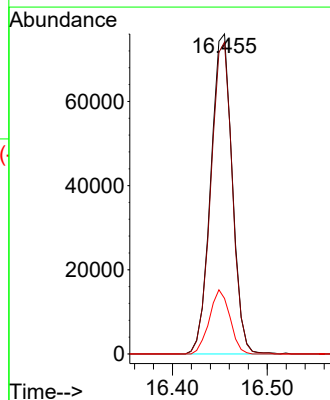
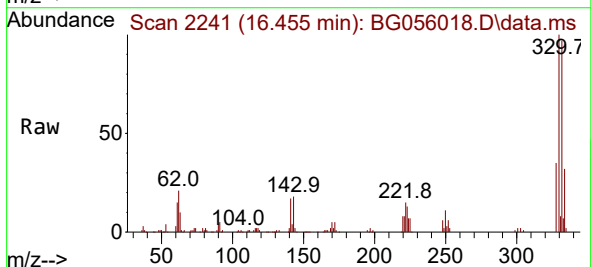
Instrument :
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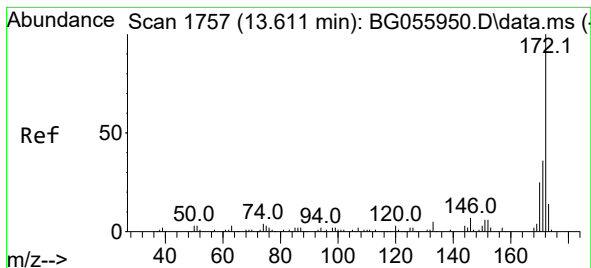
Tgt Ion:164 Resp: 29884
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.8
160 43.4 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 165.954 ng
RT: 16.455 min Scan# 2241
Delta R.T. -0.005 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

Tgt Ion:330 Resp: 119585
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 19.2 15.0 22.4

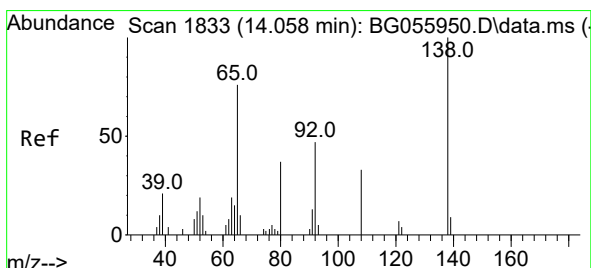
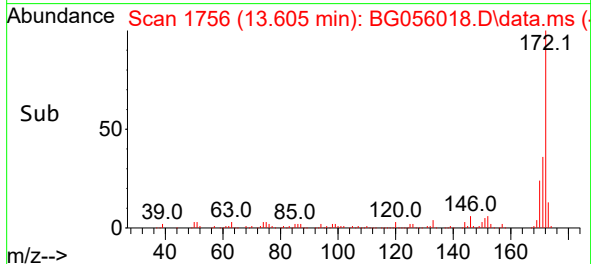
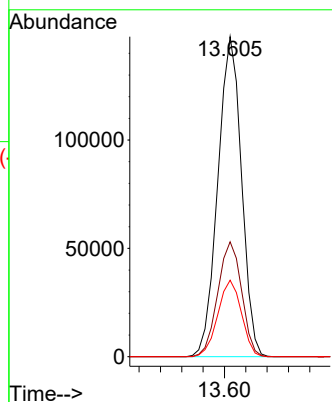
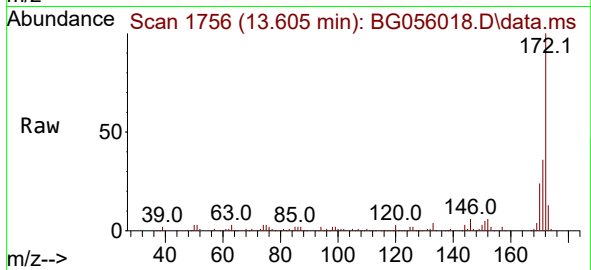




#45
2-Fluorobiphenyl
Concen: 106.634 ng
RT: 13.605 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

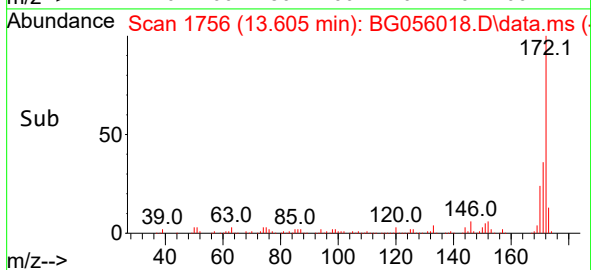
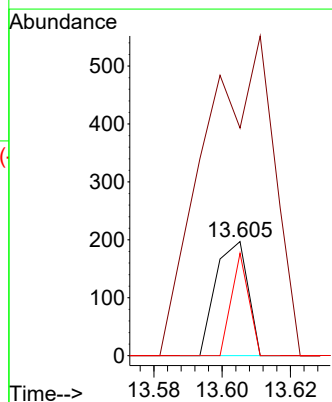
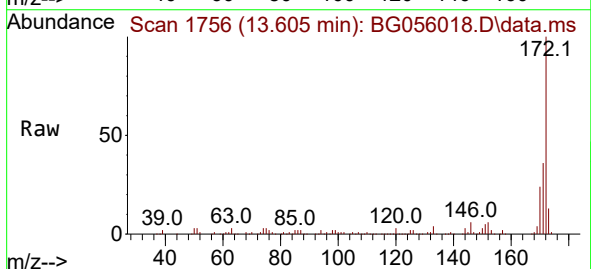
Instrument :
BNA_G
ClientSampleId :
MH-24

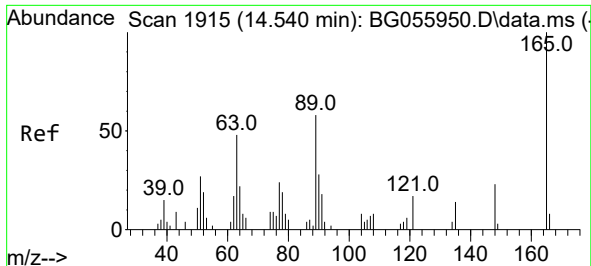
Tgt Ion:172 Resp: 227214
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.9 19.9 29.9



#48
2-Nitroaniline
Concen: 3.186 ng
RT: 13.605 min Scan# 1756
Delta R.T. -0.452 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

Tgt Ion: 65 Resp: 128
Ion Ratio Lower Upper
65 100
92 199.5 49.7 74.5#
138 89.8 105.0 157.6#

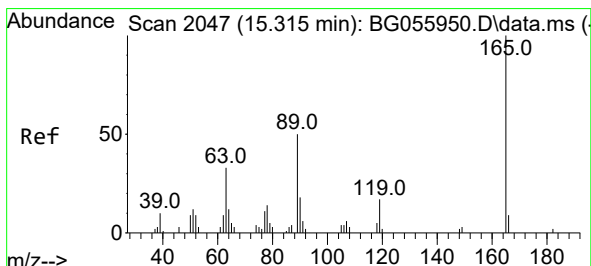
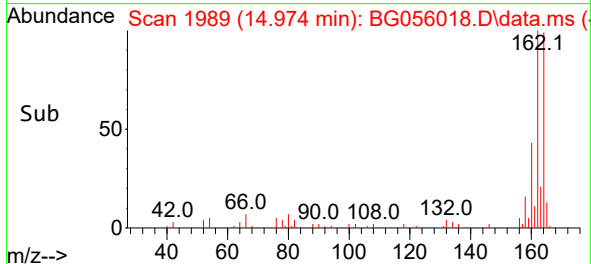
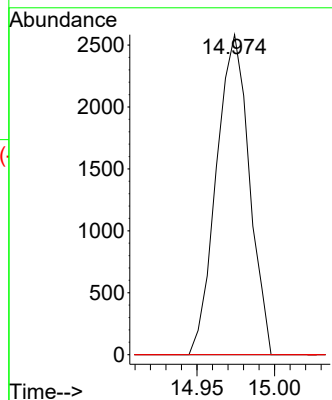
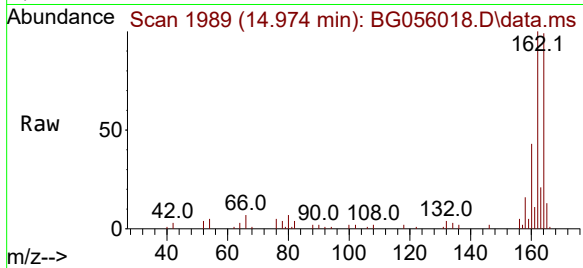




#51
2,6-Dinitrotoluene
Concen: 9.547 ng
RT: 14.974 min Scan# 1989
Delta R.T. 0.435 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

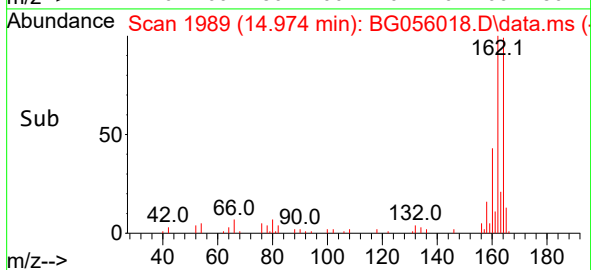
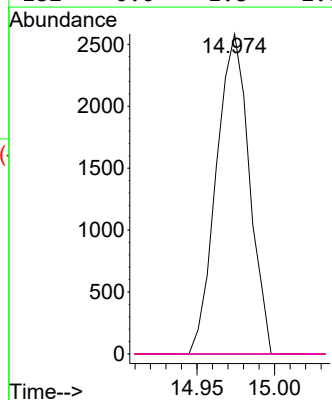
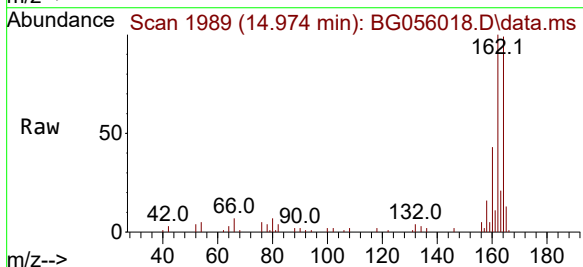
Instrument :
BNA_G
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MH-24

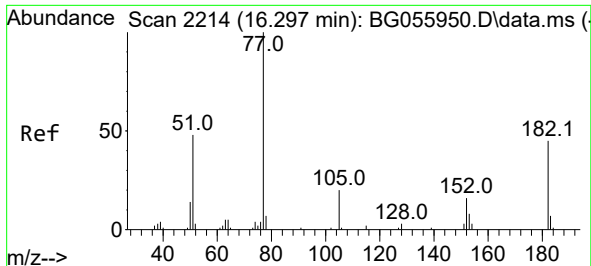
Tgt Ion:165 Resp: 3817
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.325 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.346 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

Tgt Ion:165 Resp: 3817
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#

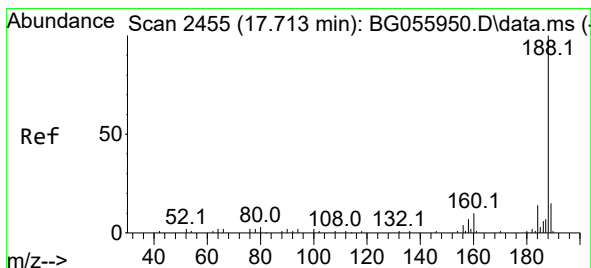
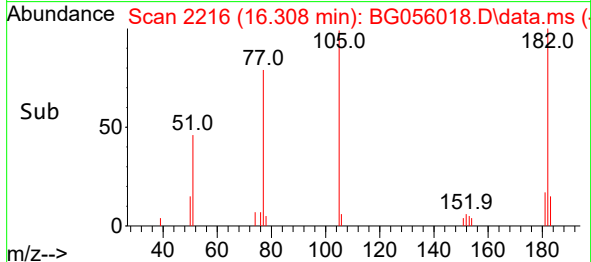
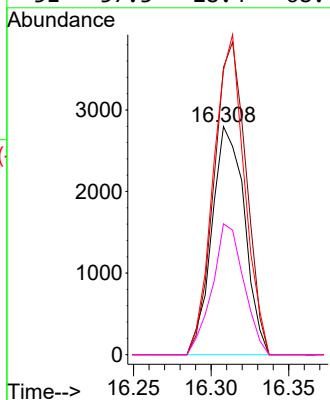
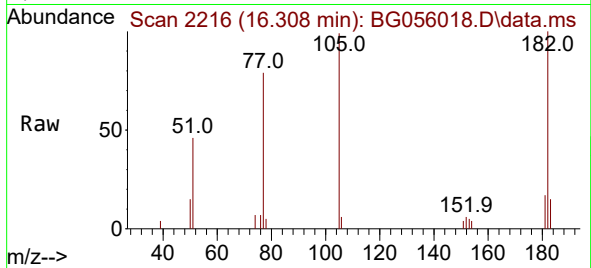




#63
Azobenzene
Concen: 2.661 ng
RT: 16.308 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

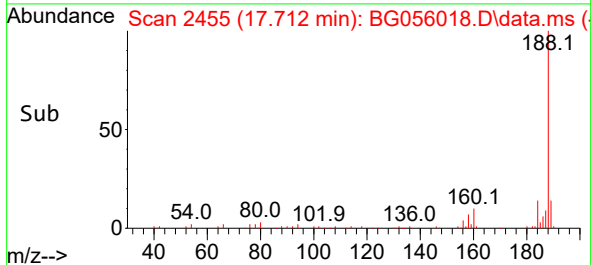
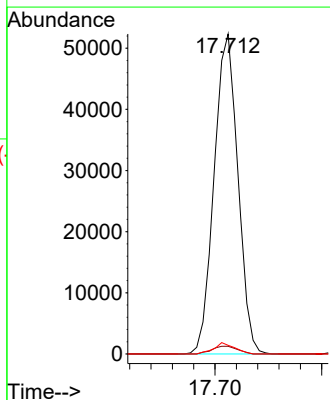
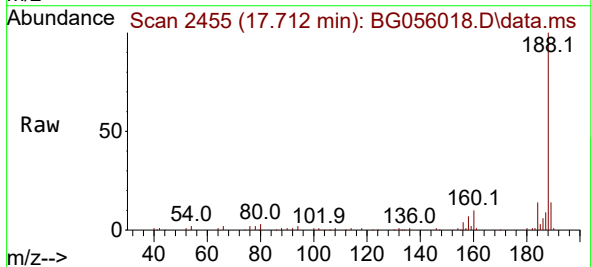
Instrument :
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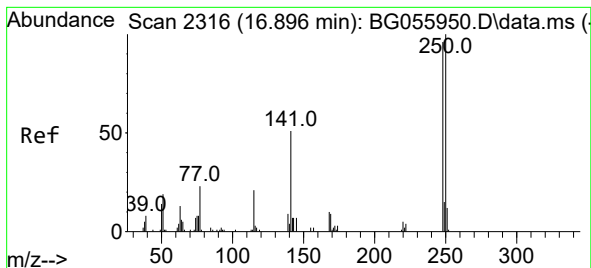
Tgt Ion: 77	Resp: 4090
Ion Ratio	Lower Upper
77 100	
182 125.9	24.7 64.7#
105 124.6	0.3 40.3#
51 57.3	28.4 68.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

Tgt Ion: 188	Resp: 80835
Ion Ratio	Lower Upper
188 100	
94 2.4	1.8 2.8
80 2.7	2.4 3.6

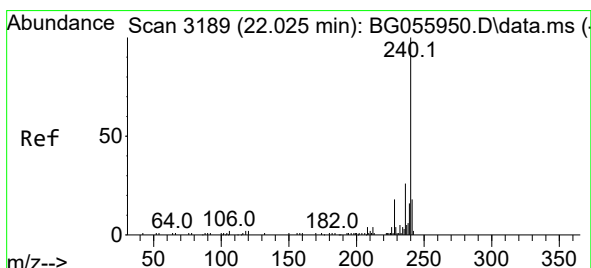
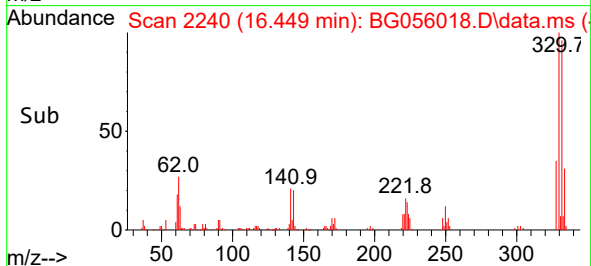
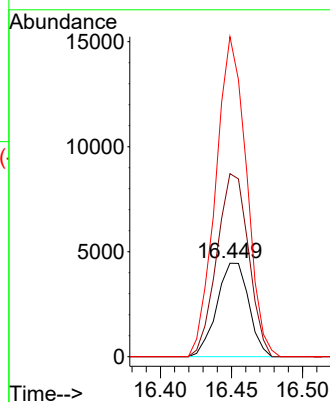
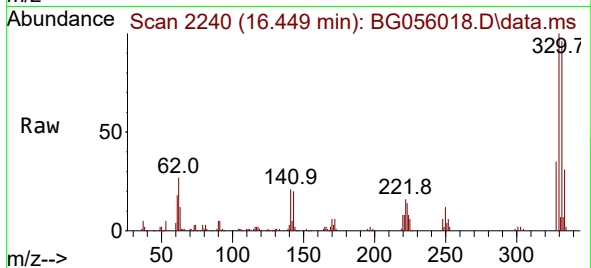




#67
4-Bromophenyl-phenylether
Concen: 5.856 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

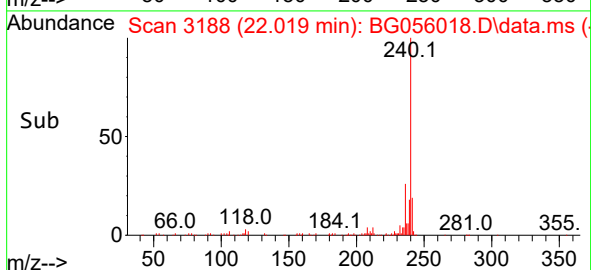
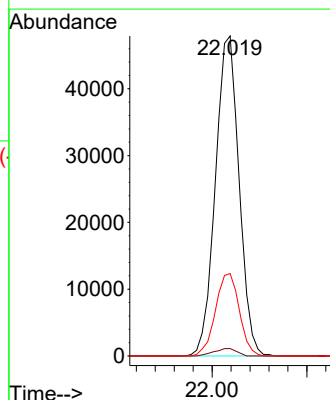
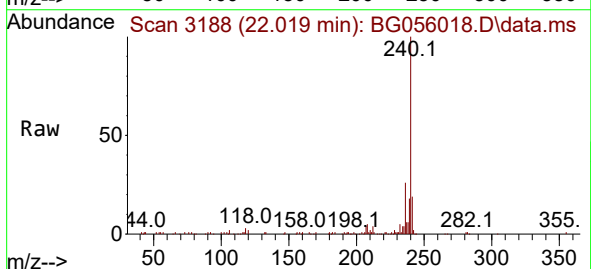
Instrument :
BNA_G
ClientSampleId :
MH-24

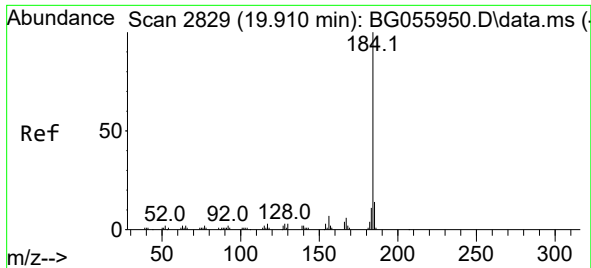
Tgt Ion:248 Resp: 6936
Ion Ratio Lower Upper
248 100
250 195.8 83.0 124.6#
141 342.4 42.6 64.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. -0.011 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

Tgt Ion:240 Resp: 82998
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 25.7 21.1 31.7

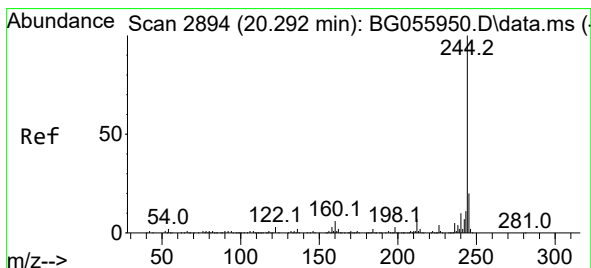
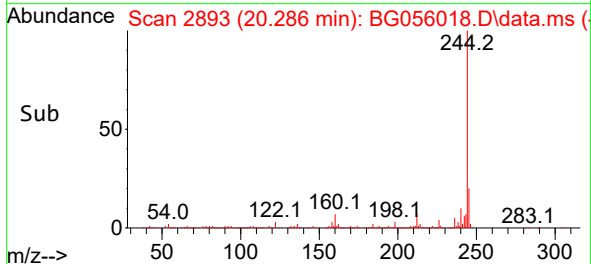
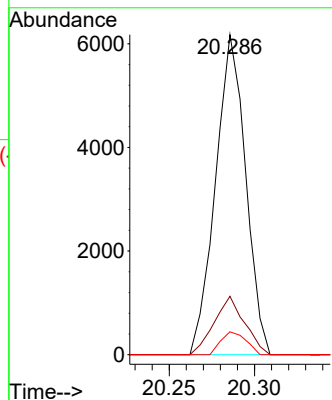
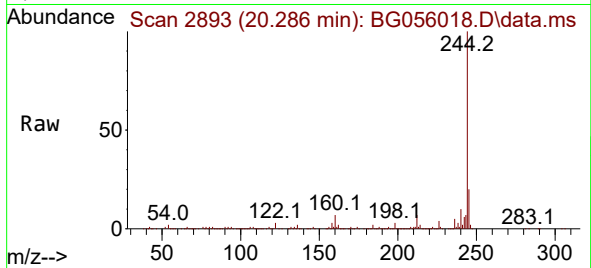




#77
Benzidine
Concen: 5.202 ng
RT: 20.286 min Scan# 2893
Delta R.T. 0.371 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

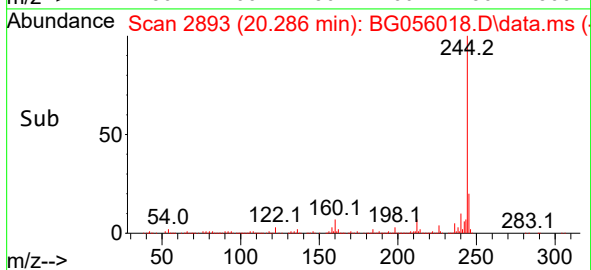
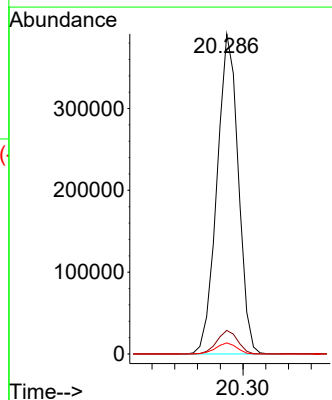
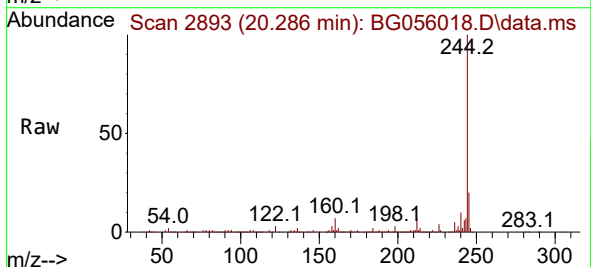
Instrument :
BNA_G
ClientSampleId :
MH-24

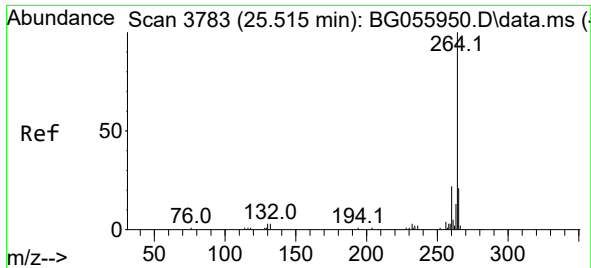
Tgt Ion:184 Resp: 7583
Ion Ratio Lower Upper
184 100
185 18.2 10.9 16.3#
183 7.1 9.2 13.8#



#79
Terphenyl-d14
Concen: 108.611 ng
RT: 20.286 min Scan# 2893
Delta R.T. -0.005 min
Lab File: BG056018.D
Acq: 19 Dec 2022 18:08

Tgt Ion:244 Resp: 510046
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 3.5 2.5 3.7

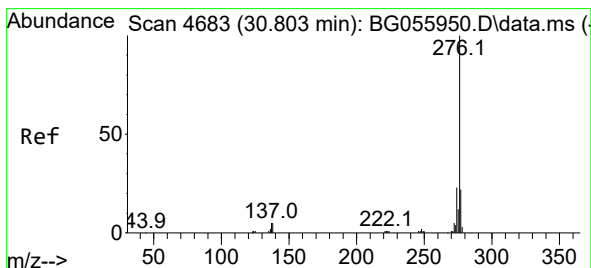
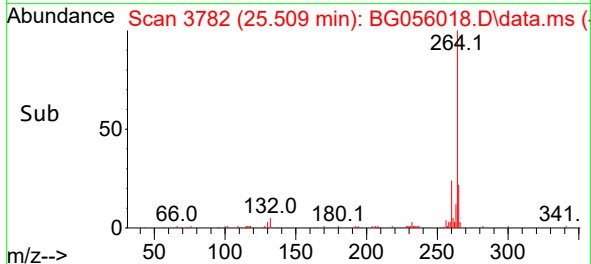
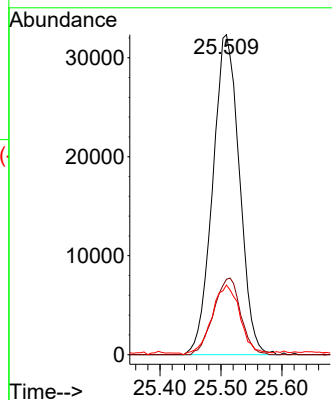
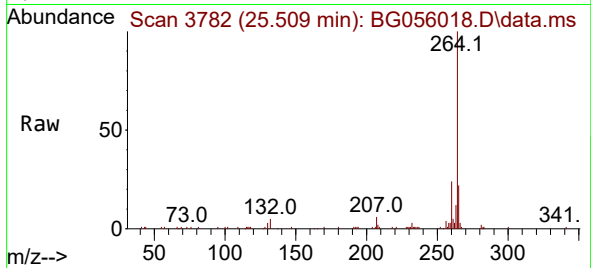




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.509 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG056018.D
 Acq: 19 Dec 2022 18:08

Instrument :
 BNA_G
 ClientSampleId :
 MH-24

Tgt Ion:264 Resp: 98375
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.8
 265 21.8 16.6 25.0



#92
 Benzo(g,h,i)perylene
 Concen: 2.744 ng
 RT: 30.773 min Scan# 4678
 Delta R.T. -0.058 min
 Lab File: BG056018.D
 Acq: 19 Dec 2022 18:08

Tgt Ion:276 Resp: 17569
 Ion Ratio Lower Upper
 276 100
 277 19.4 17.8 26.6
 138 5.5 3.8 5.6

