

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057175.D
 Acq On : 25 Apr 2023 13:57
 Operator : CG/JU
 Sample : 02407-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

Quant Time: Apr 26 00:22:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

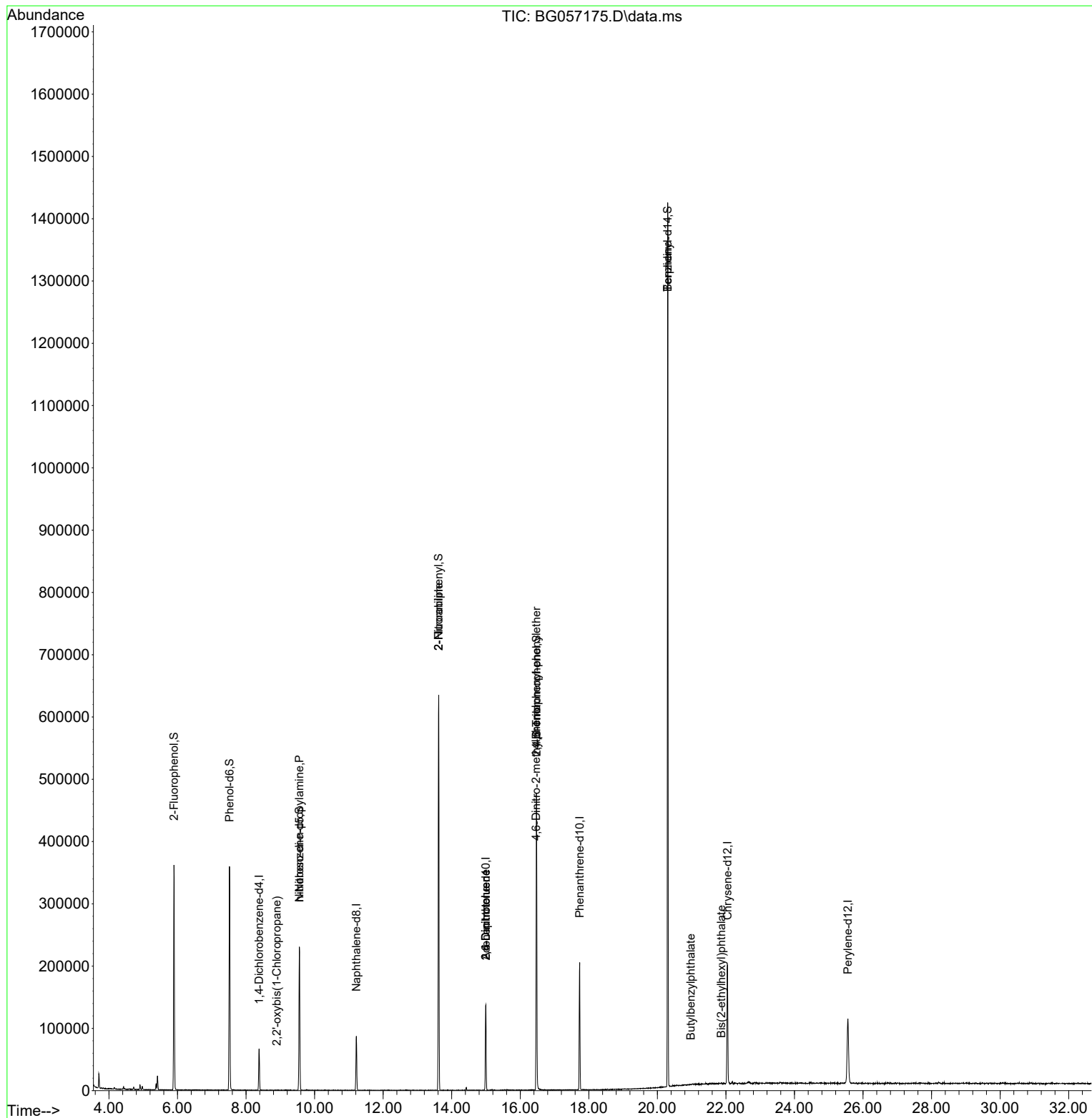
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	17987	20.000	ng	0.00
21) Naphthalene-d8	11.218	136	70072	20.000	ng	0.00
39) Acenaphthene-d10	14.996	164	51383	20.000	ng	0.00
64) Phenanthrene-d10	17.733	188	135223	20.000	ng	0.00
76) Chrysene-d12	22.045	240	128097	20.000	ng	-0.02
86) Perylene-d12	25.558	264	130530	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.896	112	147993	149.102	ng	0.00
7) Phenol-d6	7.518	99	201546	140.342	ng	0.00
23) Nitrobenzene-d5	9.556	82	145221	102.455	ng	0.00
42) 2,4,6-Tribromophenol	16.476	330	95126	140.313	ng	0.00
45) 2-Fluorobiphenyl	13.621	172	330409	86.418	ng	0.00
79) Terphenyl-d14	20.300	244	740592	101.125	ng	-0.02
Target Compounds					Qvalue	
16) 2,2'-oxybis(1-Chloropr...	8.892	45	275	5.610	ng	61
19) n-Nitroso-di-n-propyla...	9.556	70	20772	23.255	ng	# 85
48) 2-Nitroaniline	13.621	65	526	5.284	ng	# 2
51) 2,6-Dinitrotoluene	14.996	165	6613	8.785	ng	# 21
57) 2,4-Dinitrotoluene	14.996	165	6613	6.451	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.464	198	80	4.980	ng	# 1
67) 4-Bromophenyl-phenylether	16.470	248	6920	4.255	ng	# 1
77) Benzidine	20.300	184	11948	6.190	ng	# 83
80) Butylbenzylphthalate	20.976	149	145	3.274	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.869	149	588	3.686	ng	# 53

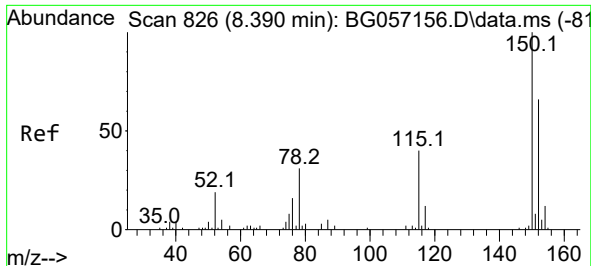
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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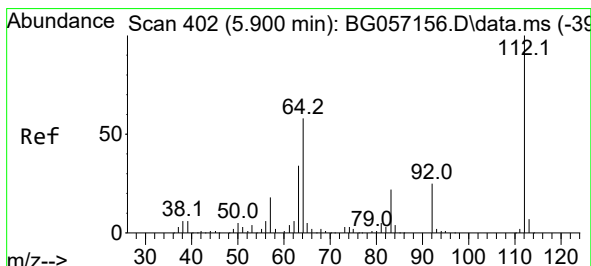
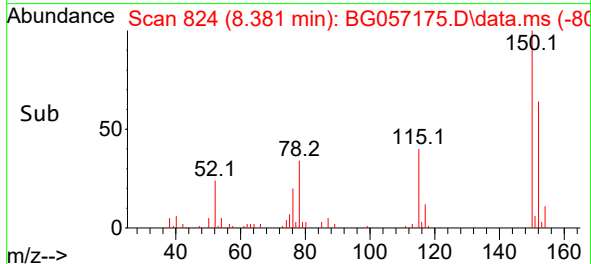
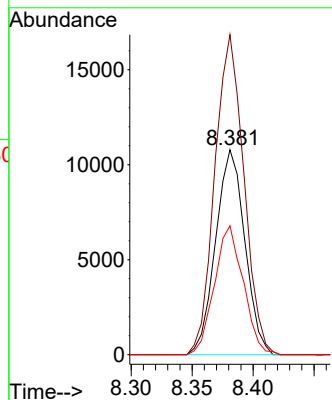
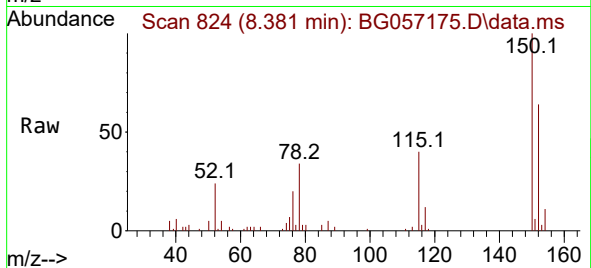




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.381 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

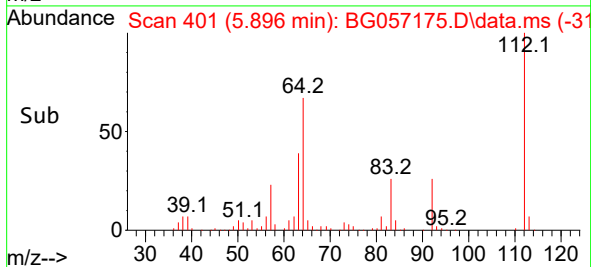
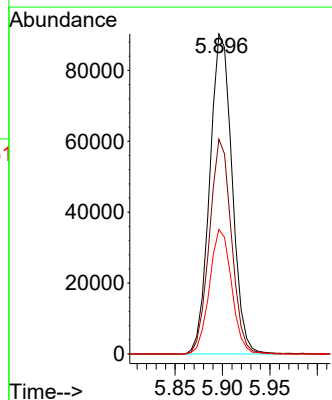
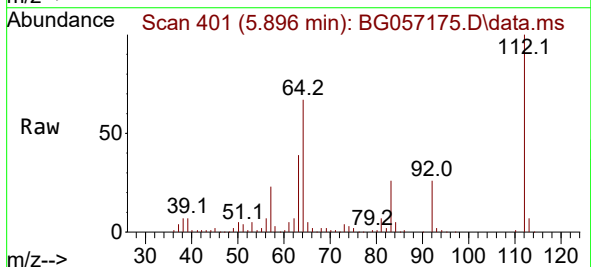
Instrument :
BNA_G
ClientSampleId :
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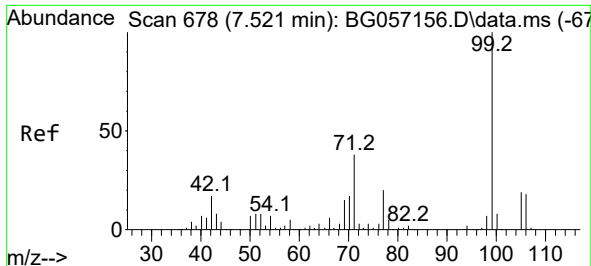
Tgt Ion:152 Resp: 17987
Ion Ratio Lower Upper
152 100
150 156.1 121.4 182.2
115 62.9 48.1 72.1



#5
2-Fluorophenol
Concen: 149.102 ng
RT: 5.896 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:112 Resp: 147993
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 38.9 26.9 40.3

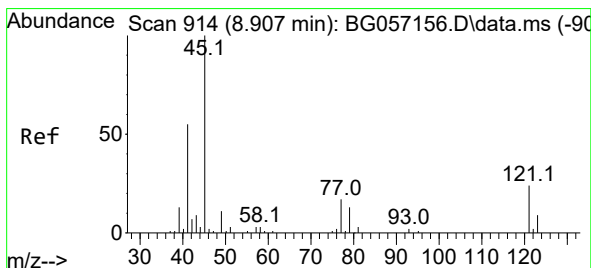
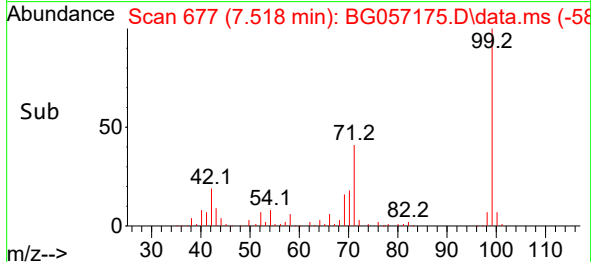
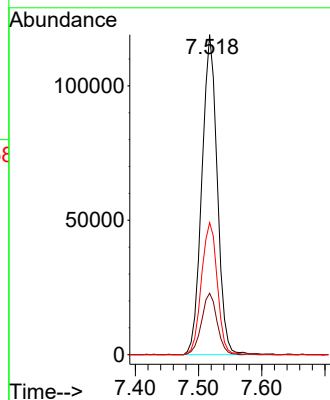
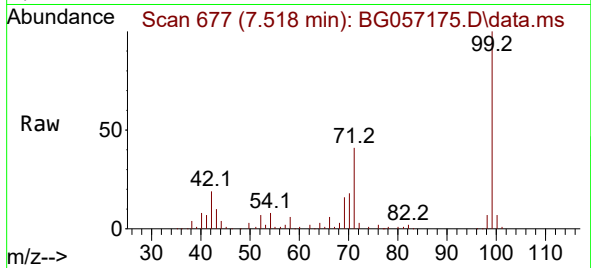




#7
Phenol-d6
Concen: 140.342 ng
RT: 7.518 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

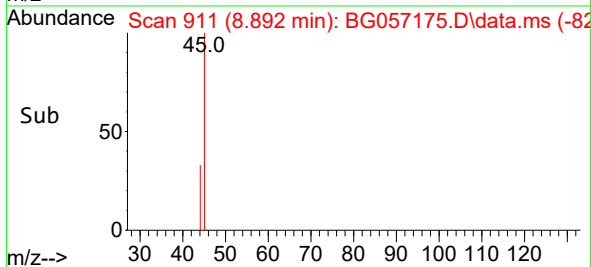
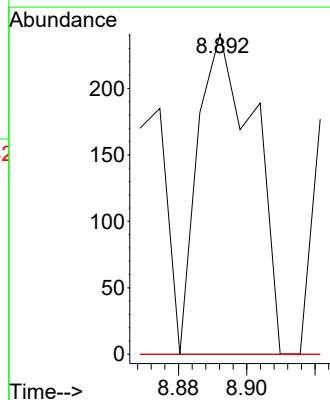
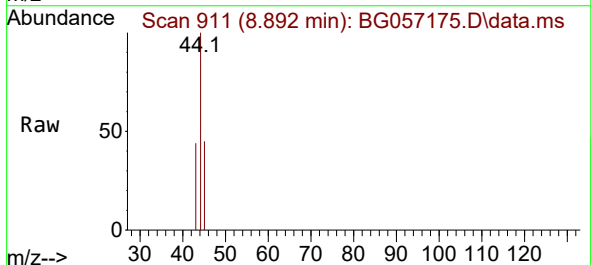
Instrument :
BNA_G
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

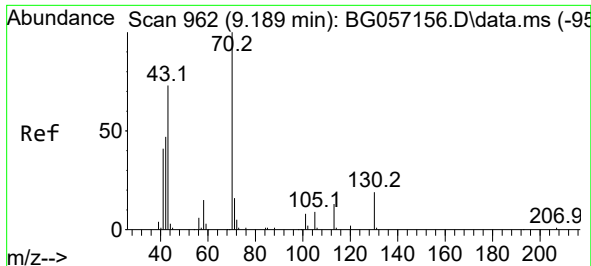
Tgt Ion: 99 Resp: 201546
Ion Ratio Lower Upper
99 100
42 19.2 13.4 20.0
71 41.3 30.2 45.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.610 ng
RT: 8.892 min Scan# 911
Delta R.T. -0.015 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion: 45 Resp: 275
Ion Ratio Lower Upper
45 100
77 0.0 0.0 38.7
79 0.0 0.0 34.9

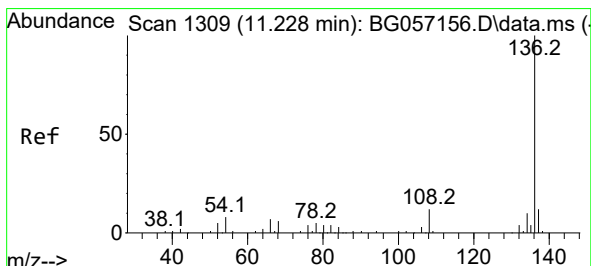
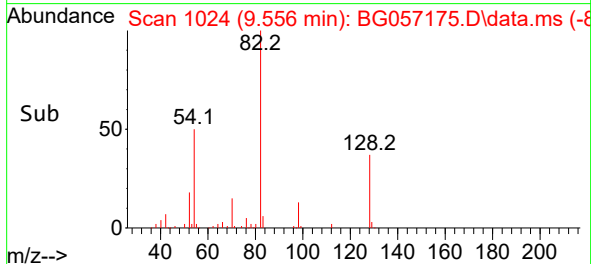
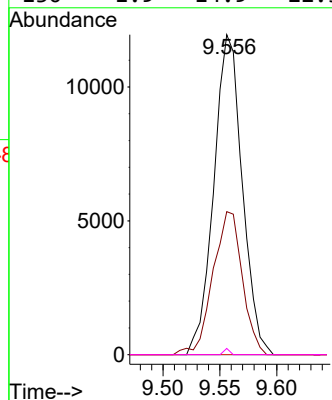
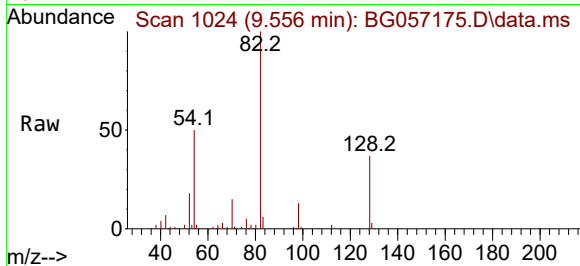




#19
n-Nitroso-di-n-propylamine
Concen: 23.255 ng
RT: 9.556 min Scan# 1024
Delta R.T. 0.367 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

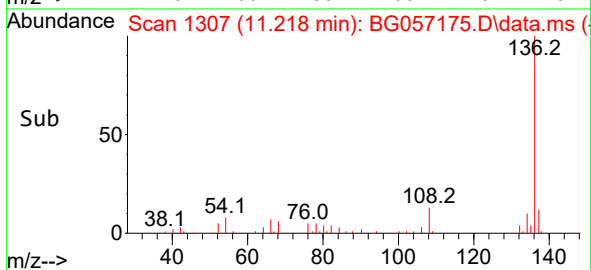
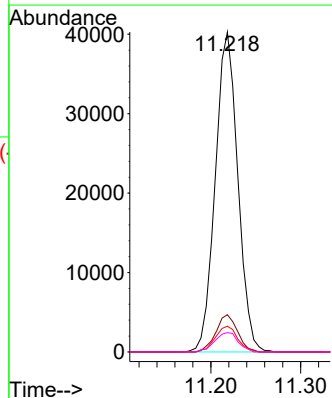
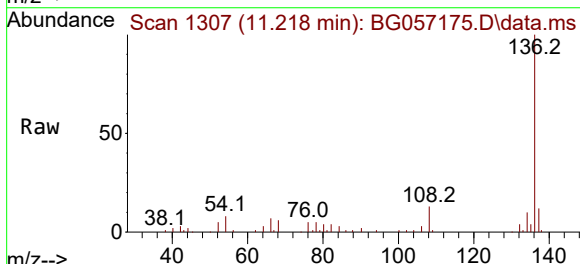
Instrument :
BNA_G
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

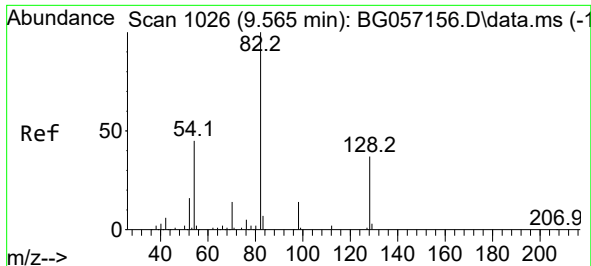
Tgt Ion: 70 Resp: 20772
Ion Ratio Lower Upper
70 100
42 44.7 38.0 57.0
101 0.0 6.6 9.8#
130 1.9 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.218 min Scan# 1307
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:136 Resp: 70072
Ion Ratio Lower Upper
136 100
137 11.7 9.5 14.3
54 8.0 6.4 9.6
68 6.0 4.9 7.3

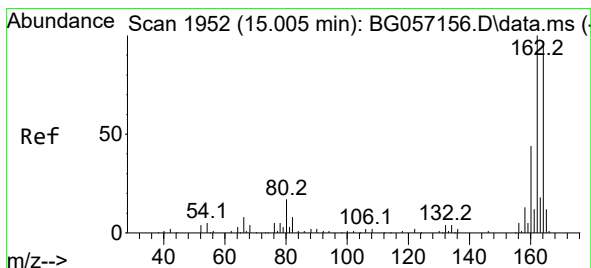
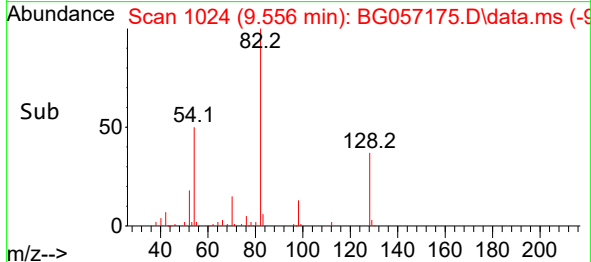
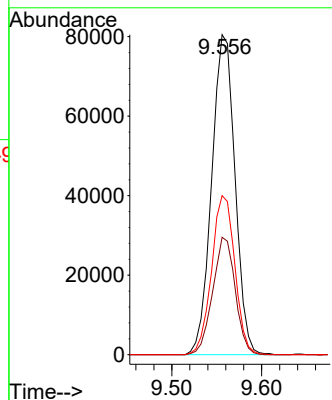
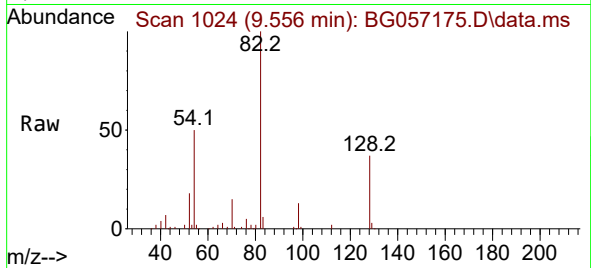




#23
Nitrobenzene-d5
Concen: 102.455 ng
RT: 9.556 min Scan# 1024
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

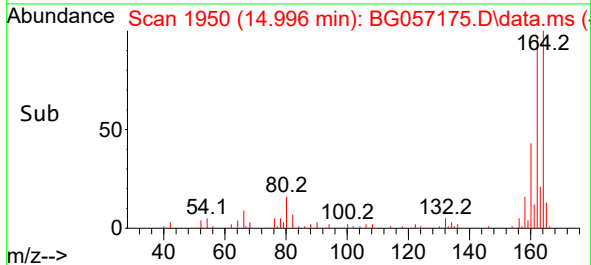
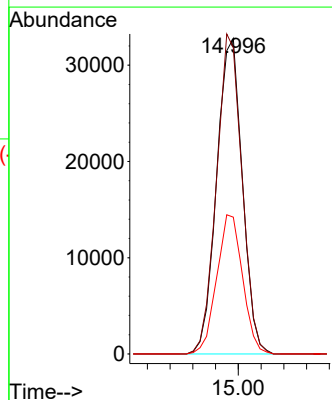
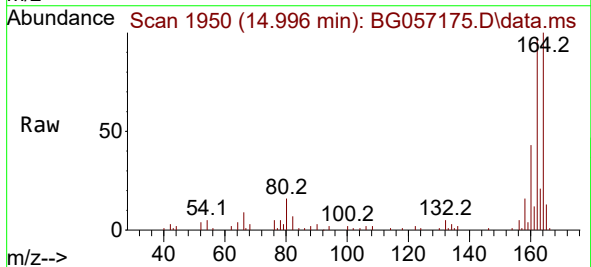
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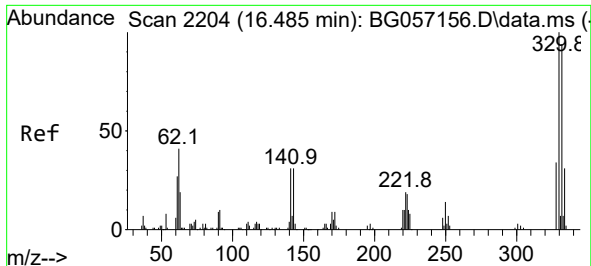
Tgt Ion: 82 Resp: 145221
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 49.7 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.996 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

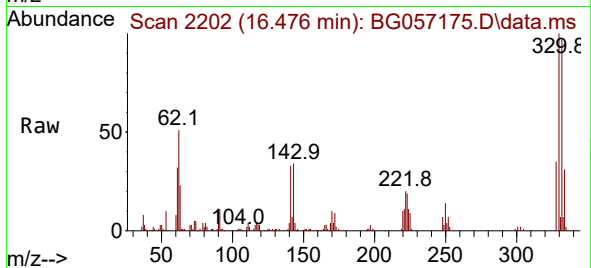
Tgt Ion:164 Resp: 51383
Ion Ratio Lower Upper
164 100
162 97.0 82.4 123.6
160 43.4 36.2 54.2



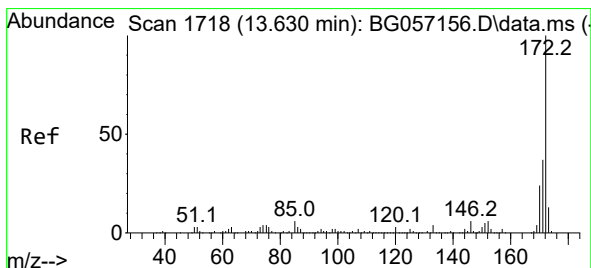
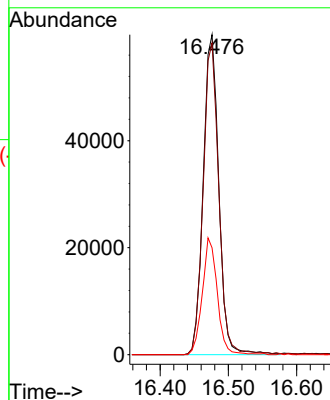
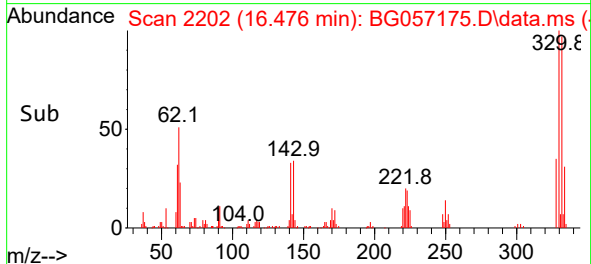


#42
2,4,6-Tribromophenol
Concen: 140.313 ng
RT: 16.476 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

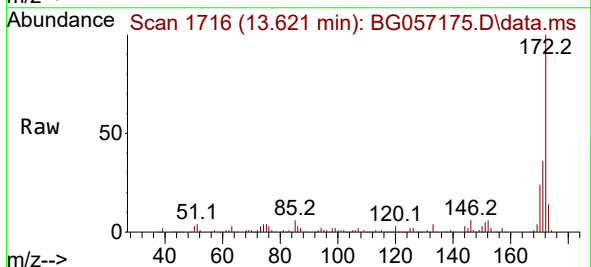
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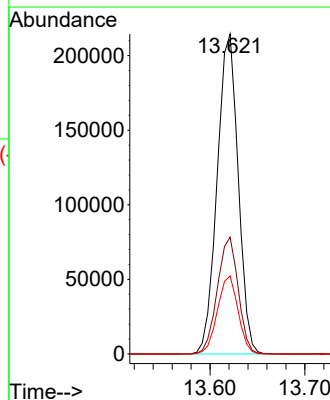
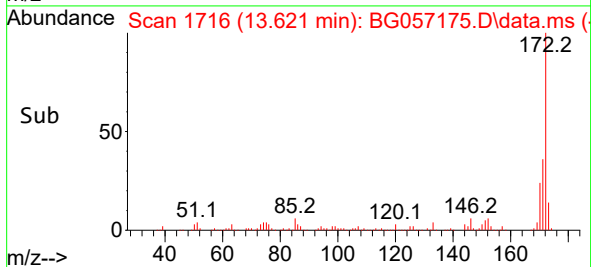
Tgt Ion:330 Resp: 95126
Ion Ratio Lower Upper
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332 97.6 77.6 116.4
141 35.1 26.0 39.0

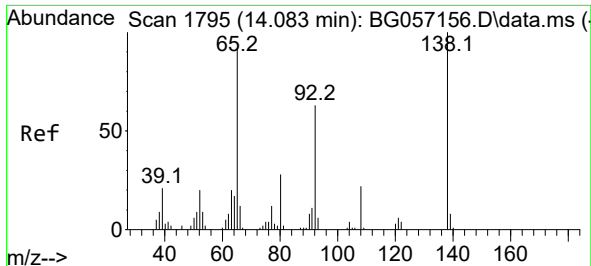


#45
2-Fluorobiphenyl
Concen: 86.418 ng
RT: 13.621 min Scan# 1716
Delta R.T. -0.009 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57



Tgt Ion:172 Resp: 330409
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.4 19.4 29.2

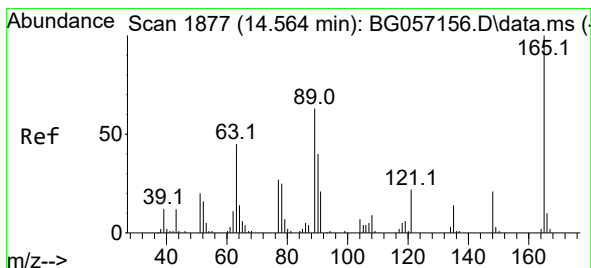
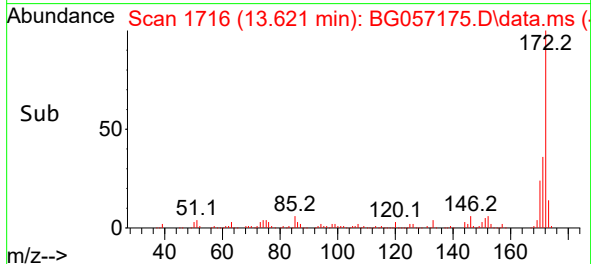
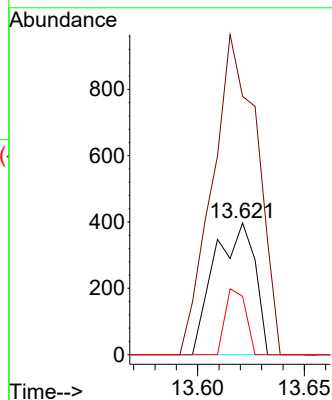
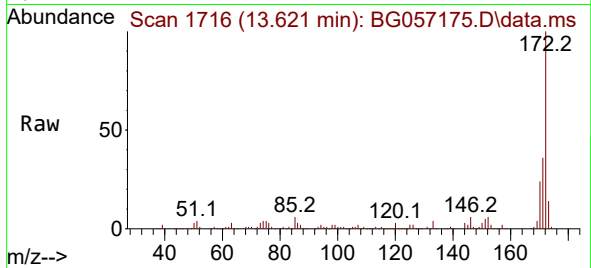




#48
2-Nitroaniline
Concen: 5.284 ng
RT: 13.621 min Scan# 1
Delta R.T. -0.462 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

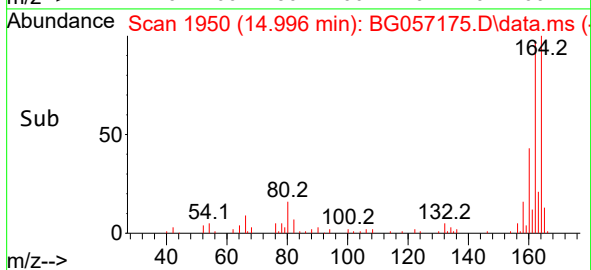
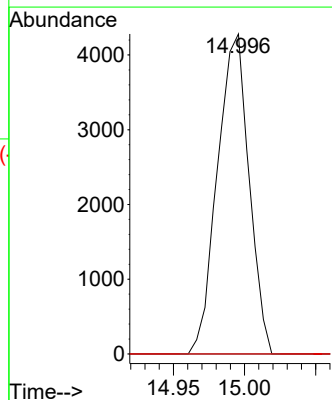
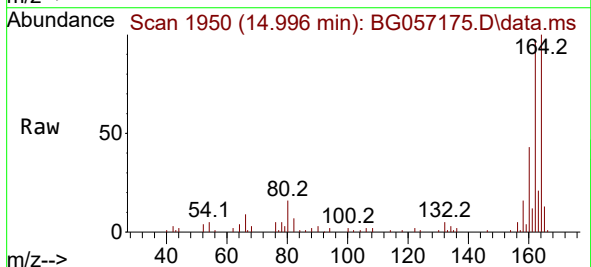
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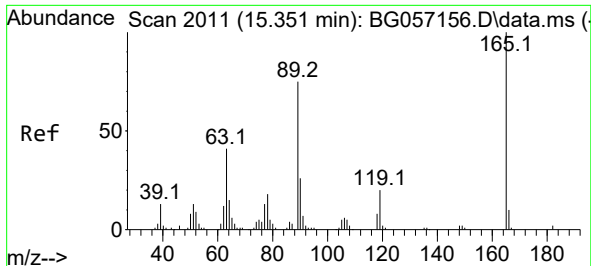
Tgt Ion: 65 Resp: 526
Ion Ratio Lower Upper
65 100
92 196.2 54.9 82.3#
138 44.3 86.6 129.8#



#51
2,6-Dinitrotoluene
Concen: 8.785 ng
RT: 14.996 min Scan# 1950
Delta R.T. 0.432 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:165 Resp: 6613
Ion Ratio Lower Upper
165 100
63 0.0 45.5 68.3#
89 0.0 50.1 75.1#





#57

2,4-Dinitrotoluene

Concen: 6.451 ng

RT: 14.996 min Scan# 1950

Delta R.T. -0.355 min

Lab File: BG057175.D

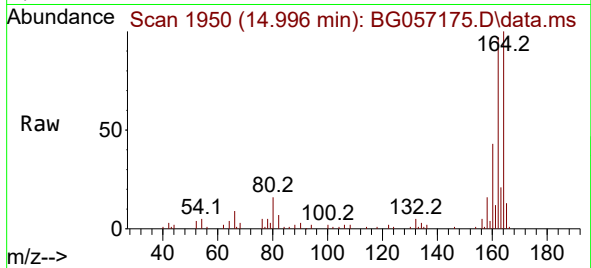
Acq: 25 Apr 2023 13:57

Instrument :

BNA_G

ClientSampleId :

NORTH-ST-&-BAY-AVE-INTERSECTION



Tgt Ion:165 Resp: 6613

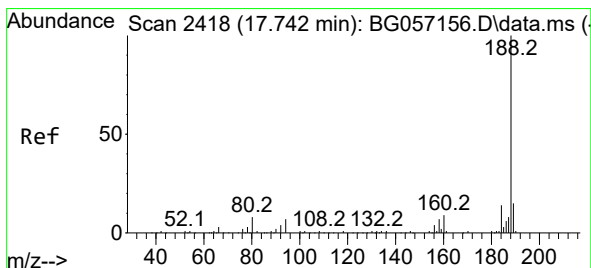
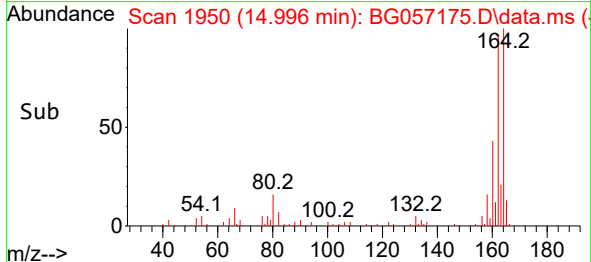
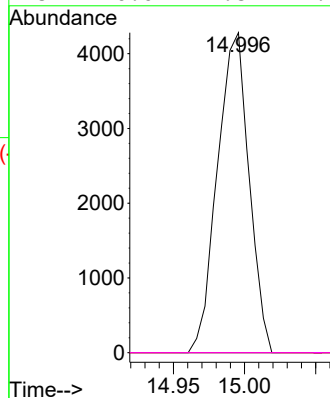
Ion Ratio Lower Upper

165 100

63 0.0 33.0 49.4#

89 0.0 60.0 90.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.733 min Scan# 2416

Delta R.T. -0.009 min

Lab File: BG057175.D

Acq: 25 Apr 2023 13:57

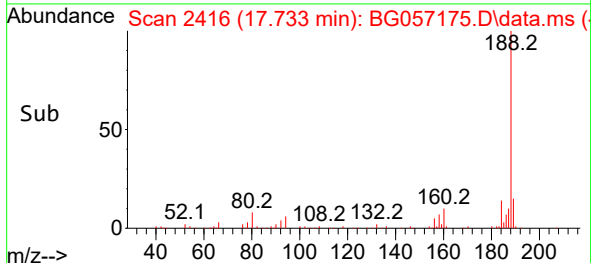
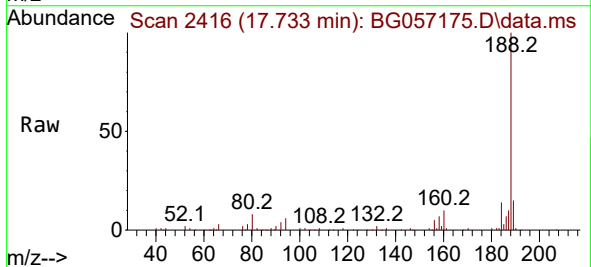
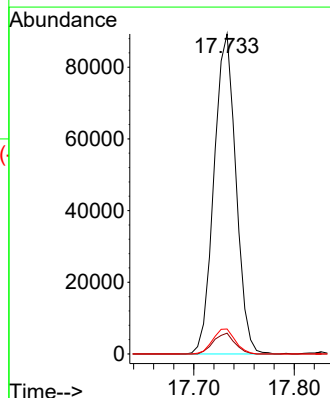
Tgt Ion:188 Resp: 135223

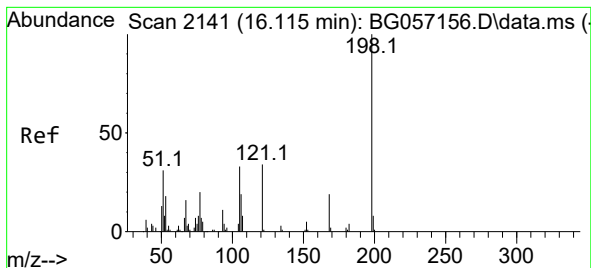
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 7.8 6.2 9.2

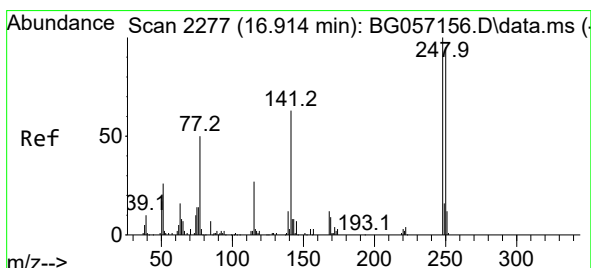
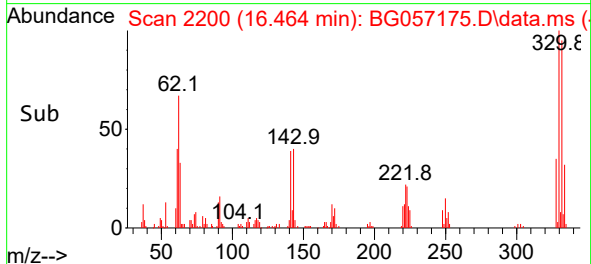
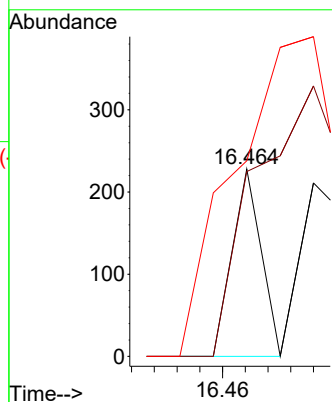
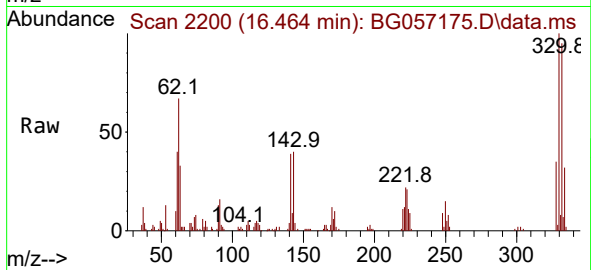




#65
4,6-Dinitro-2-methylphenol
Concen: 4.980 ng
RT: 16.464 min Scan# 2141
Delta R.T. 0.349 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

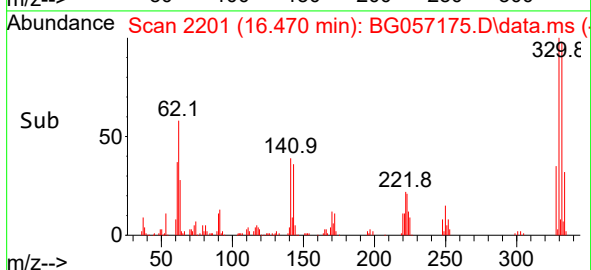
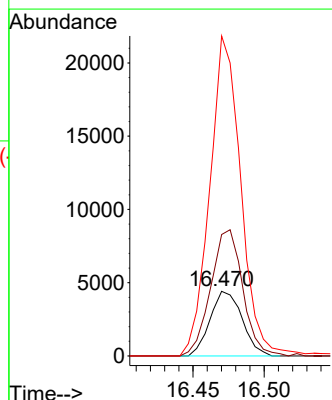
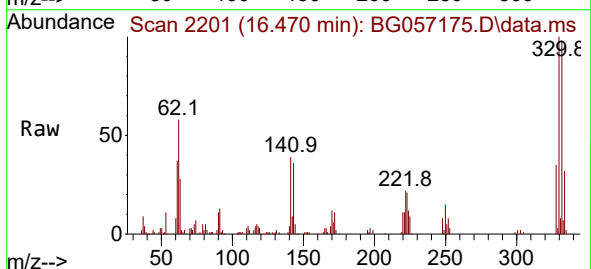
Instrument :
BNA_G
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

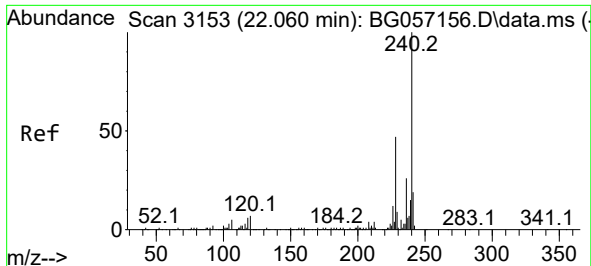
Tgt Ion:198 Resp: 80
Ion Ratio Lower Upper
198 100
51 98.7 13.1 53.1#
105 104.4 14.1 54.1#



#67
4-Bromophenyl-phenylether
Concen: 4.255 ng
RT: 16.470 min Scan# 2201
Delta R.T. -0.444 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:248 Resp: 6920
Ion Ratio Lower Upper
248 100
250 187.7 75.8 113.8#
141 494.8 50.1 75.1#

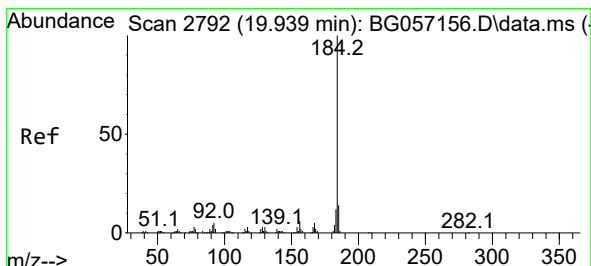
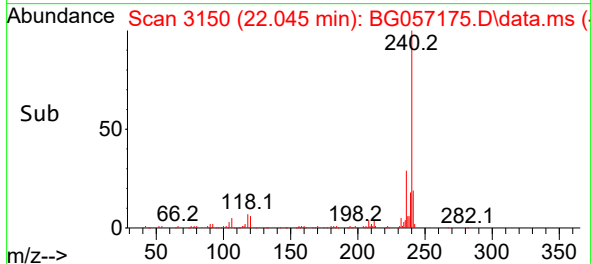
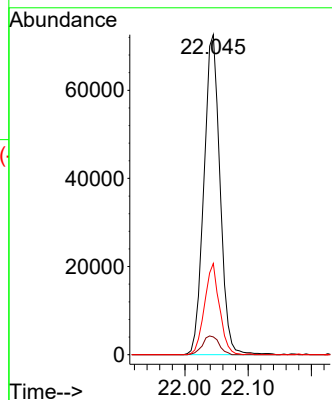
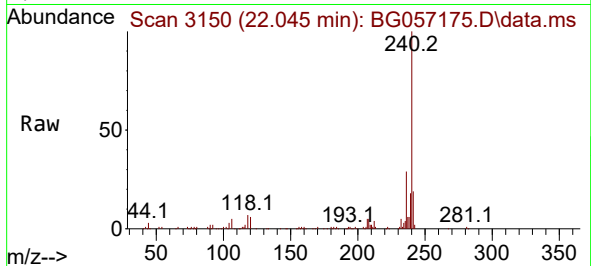




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.045 min Scan# 3153
Delta R.T. -0.015 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

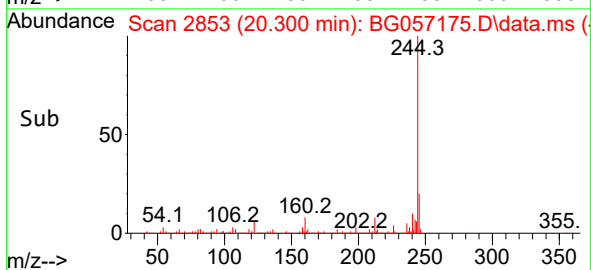
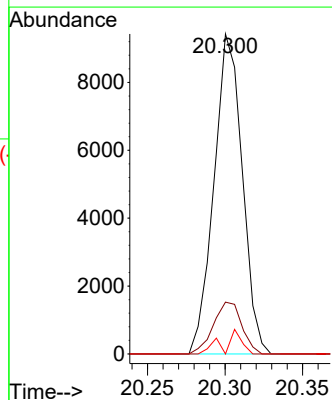
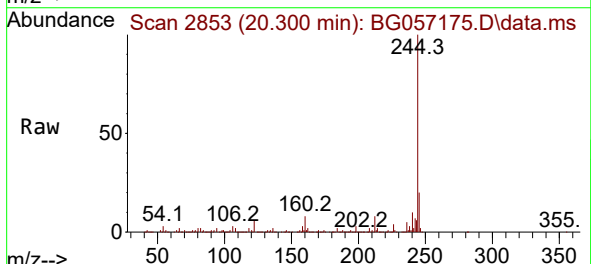
Instrument :
BNA_G
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

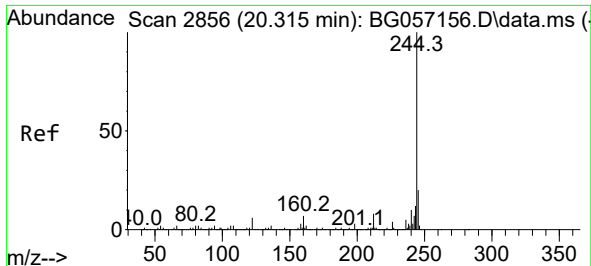
Tgt Ion:240 Resp: 128097
Ion Ratio Lower Upper
240 100
120 5.5 5.5 8.3
236 28.5 20.8 31.2



#77
Benzidine
Concen: 6.190 ng
RT: 20.300 min Scan# 2853
Delta R.T. 0.361 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:184 Resp: 11948
Ion Ratio Lower Upper
184 100
185 16.2 11.3 16.9
183 0.0 9.4 14.0#

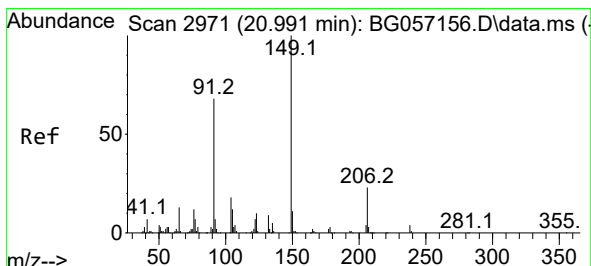
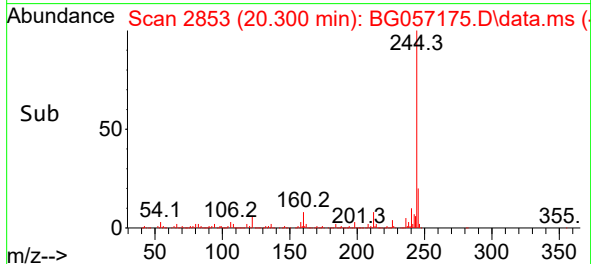
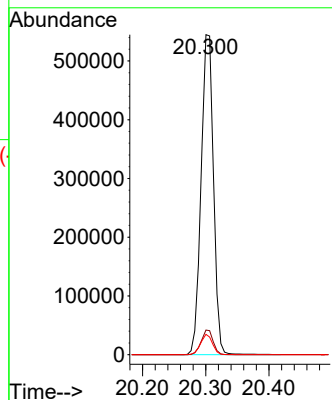
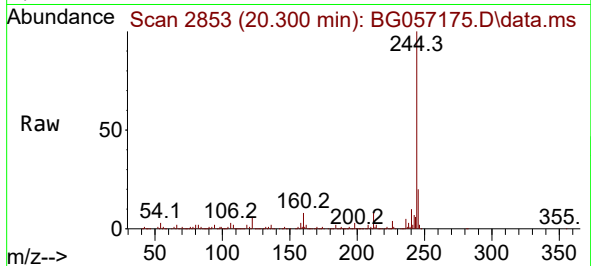




#79
 Terphenyl-d14
 Concen: 101.125 ng
 RT: 20.300 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG057175.D
 Acq: 25 Apr 2023 13:57

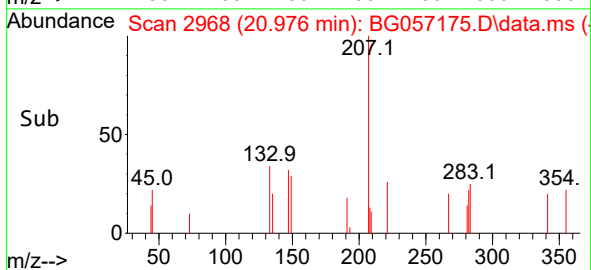
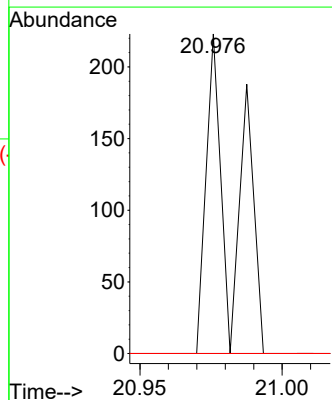
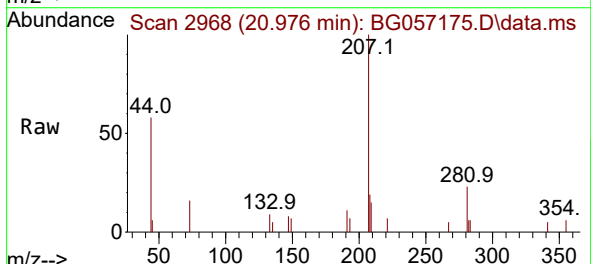
Instrument :
 BNA_G
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

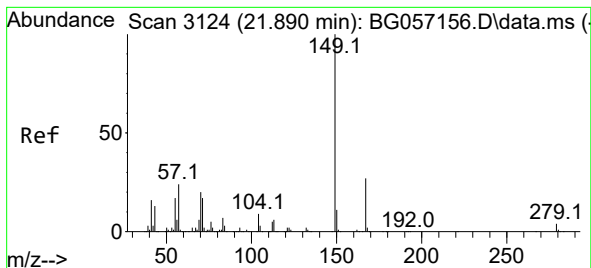
Tgt Ion:244 Resp: 740592
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 6.4 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 3.274 ng
 RT: 20.976 min Scan# 2968
 Delta R.T. -0.015 min
 Lab File: BG057175.D
 Acq: 25 Apr 2023 13:57

Tgt Ion:149 Resp: 145
 Ion Ratio Lower Upper
 149 100
 91 0.0 54.1 81.1#
 206 0.0 18.2 27.2#

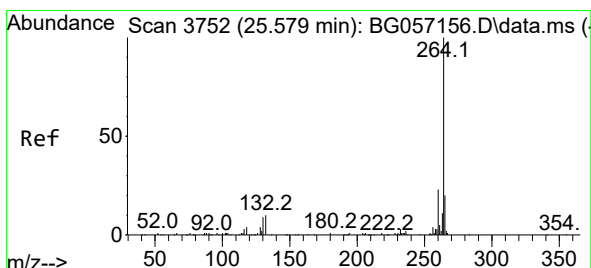
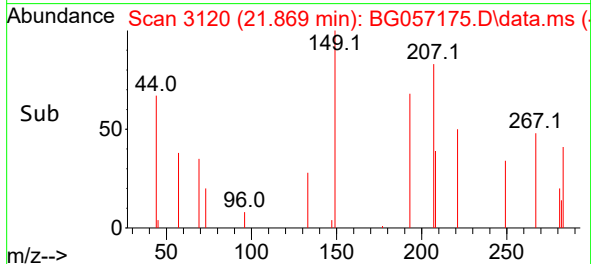
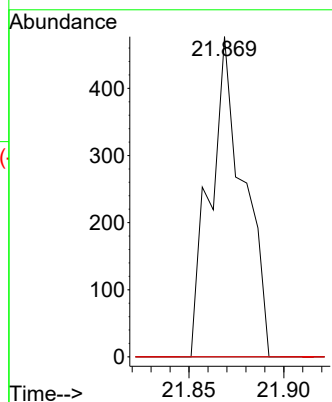
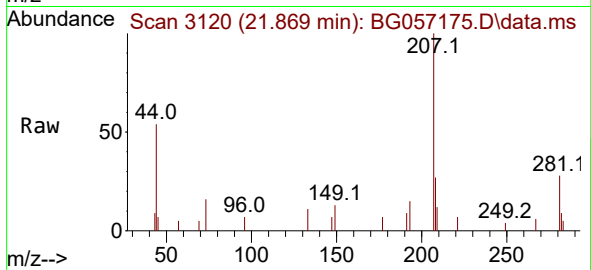




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.686 ng
RT: 21.869 min Scan# 3124
Delta R.T. -0.021 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Instrument :
BNA_G
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

Tgt Ion:149 Resp: 588
Ion Ratio Lower Upper
149 100
167 0.0 21.9 32.9#
279 0.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.558 min Scan# 3748
Delta R.T. -0.021 min
Lab File: BG057175.D
Acq: 25 Apr 2023 13:57

Tgt Ion:264 Resp: 130530
Ion Ratio Lower Upper
264 100
260 24.8 18.8 28.2
265 20.8 16.4 24.6

