

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055084.D
 Acq On : 6 Oct 2022 16:08
 Operator : CG/JU
 Sample : N5002-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5486-3

Quant Time: Oct 07 01:14:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 07:12:22 2022
 Response via : Initial Calibration

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

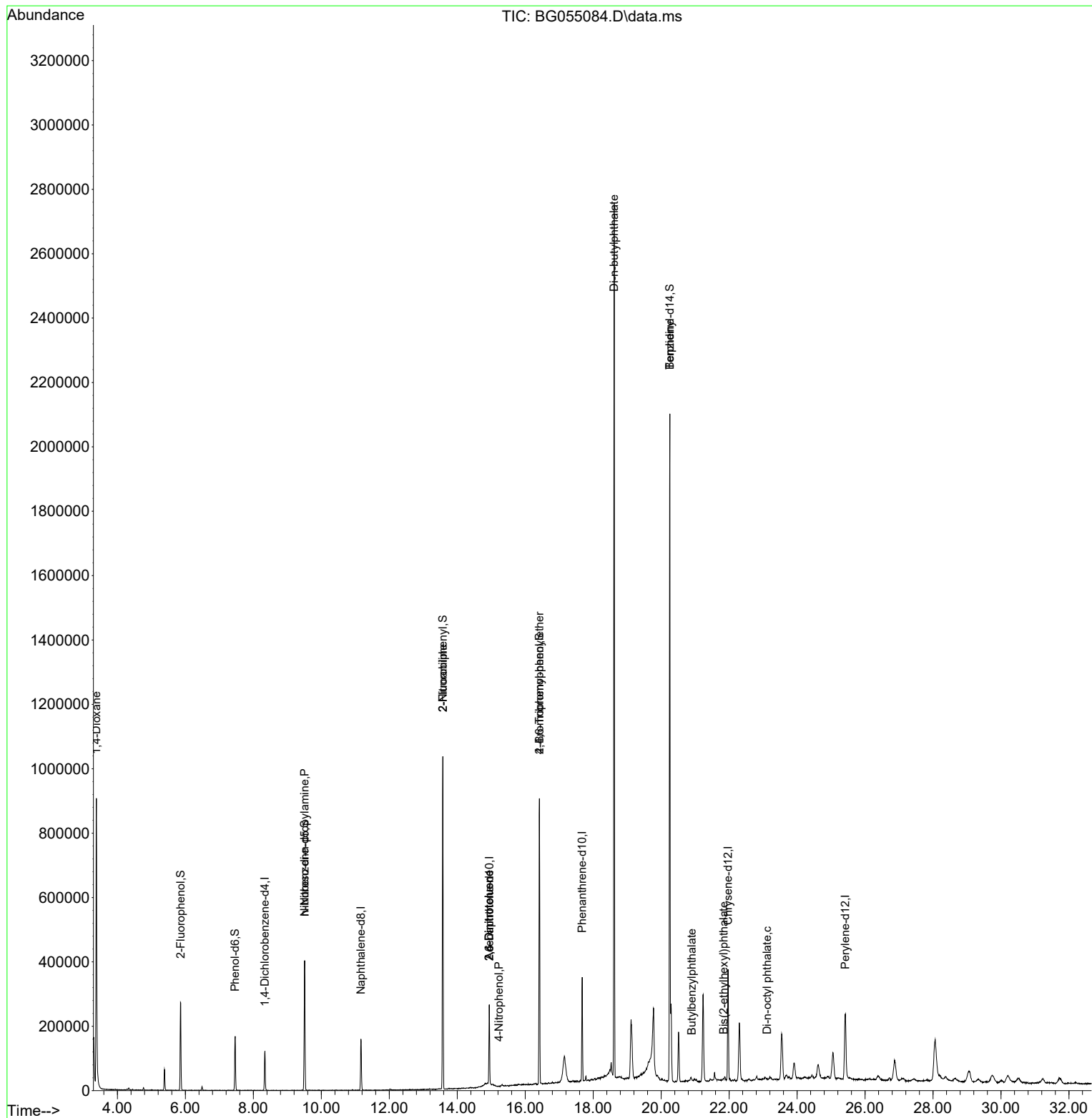
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	33049	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	130917	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	84821	20.000	ng	0.00
64) Phenanthrene-d10	17.676	188	203866	20.000	ng	0.00
76) Chrysene-d12	21.965	240	228276	20.000	ng	-0.01
86) Perylene-d12	25.420	264	245377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	115139	77.382	ng	0.00
7) Phenol-d6	7.465	99	90395	40.547	ng	0.00
23) Nitrobenzene-d5	9.509	82	233997	106.803	ng	0.00
42) 2,4,6-Tribromophenol	16.419	330	177308	197.712	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	509925	93.851	ng	0.00
79) Terphenyl-d14	20.256	244	973163	86.165	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	8590	10.203	ng	# 1
19) n-Nitroso-di-n-propyla...	9.509	70	33274	15.408	ng	# 81
48) 2-Nitroaniline	13.575	65	1033	4.799	ng	# 3
51) 2,6-Dinitrotoluene	14.938	165	11444	12.500	ng	# 15
56) 4-Nitrophenol	15.226	139	53	4.964	ng	# 1
57) 2,4-Dinitrotoluene	14.938	165	11444	10.179	ng	# 16
67) 4-Bromophenyl-phenylether	16.419	248	11213	5.201	ng	# 1
74) Di-n-butylphthalate	18.616	149	1904922	199.609	ng	# 96
77) Benzidine	20.256	184	15965	4.060	ng	# 93
80) Butylbenzylphthalate	20.902	149	712	4.973	ng	# 75
84) Bis(2-ethylhexyl)phtha...	21.836	149	2322	4.400	ng	# 85
85) Di-n-octyl phthalate	23.117	149	462	4.376	ng	# 60

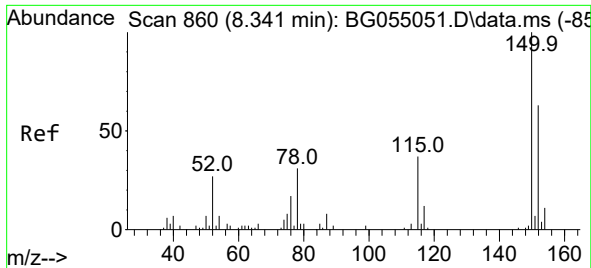
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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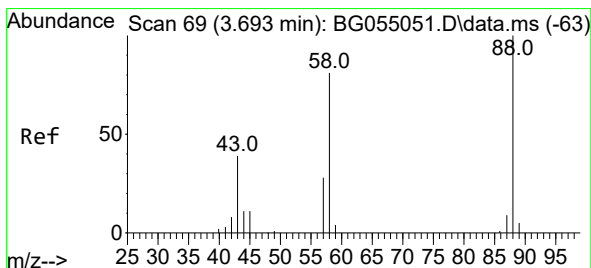
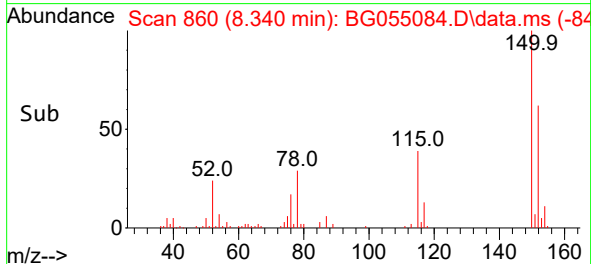
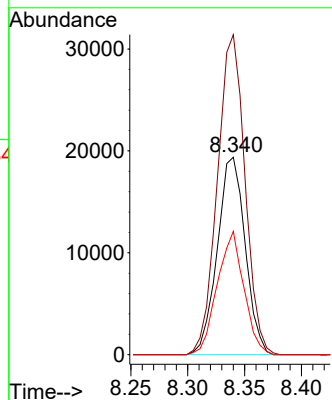
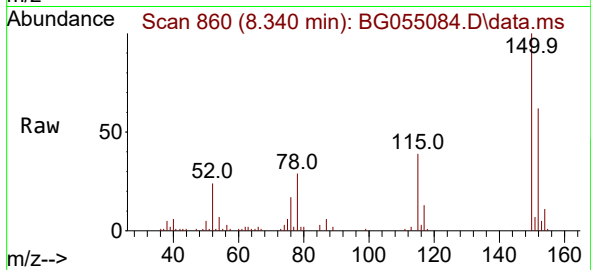




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

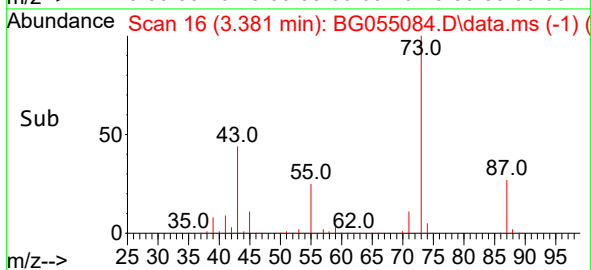
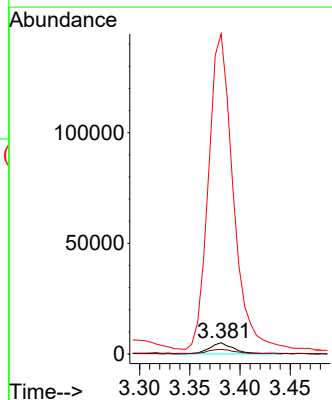
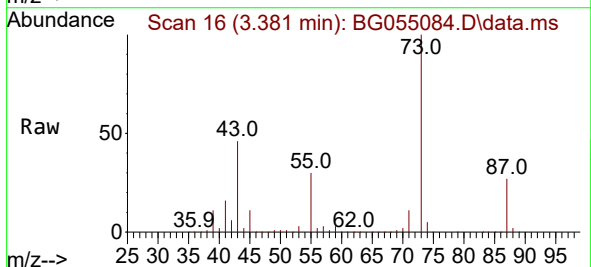
Instrument :
BNA_G
ClientSampleId :
5486-3

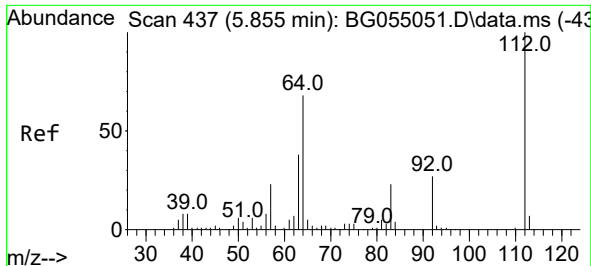
Tgt Ion:152 Resp: 33049
Ion Ratio Lower Upper
152 100
150 162.0 128.0 192.0
115 62.5 47.7 71.5



#2
1,4-Dioxane
Concen: 10.203 ng
RT: 3.381 min Scan# 16
Delta R.T. -0.312 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Tgt Ion: 88 Resp: 8590
Ion Ratio Lower Upper
88 100
58 38.4 62.6 94.0#
43 2965.1 29.0 43.6#

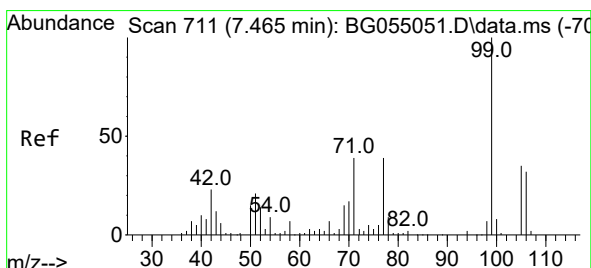
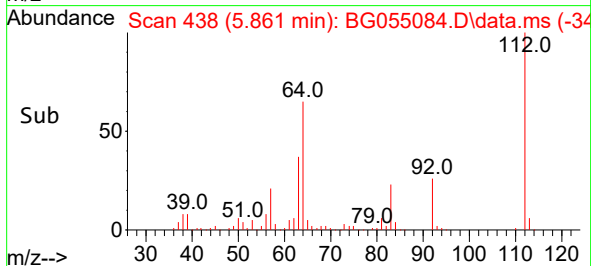
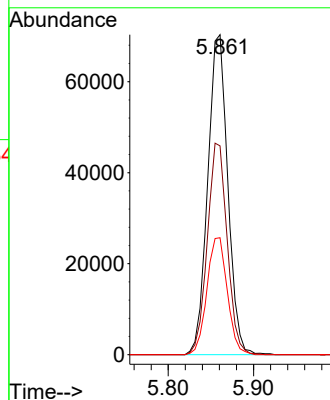
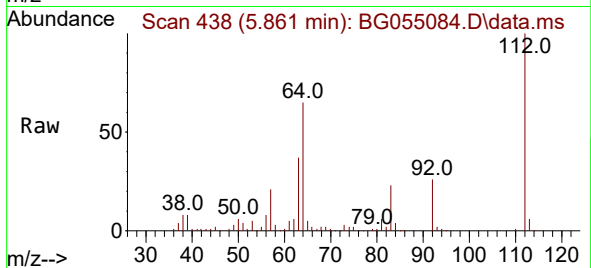




#5
2-Fluorophenol
Concen: 77.382 ng
RT: 5.861 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

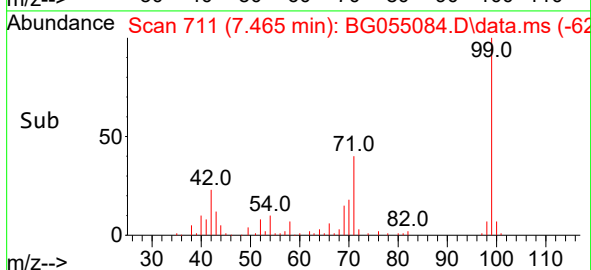
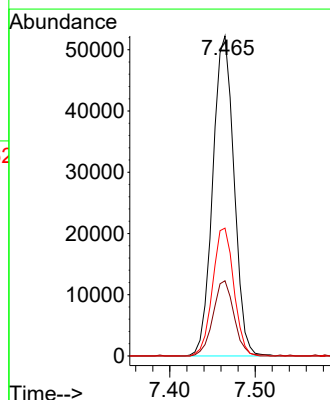
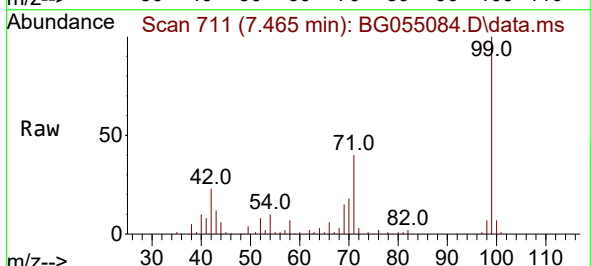
Instrument :
BNA_G
ClientSampleId :
5486-3

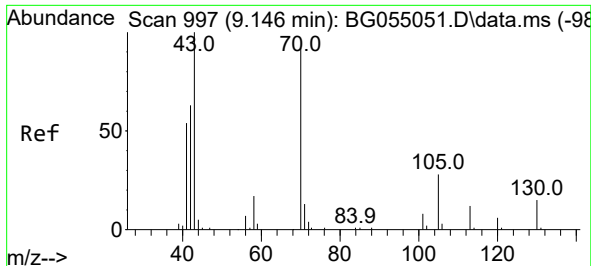
Tgt Ion:112 Resp: 115139
Ion Ratio Lower Upper
112 100
64 65.2 54.5 81.7
63 36.6 30.5 45.7



#7
Phenol-d6
Concen: 40.547 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Tgt Ion: 99 Resp: 90395
Ion Ratio Lower Upper
99 100
42 23.5 18.6 28.0
71 40.0 31.2 46.8





#19

n-Nitroso-di-n-propylamine

Concen: 15.408 ng

RT: 9.509 min Scan# 1059

Delta R.T. 0.364 min

Lab File: BG055084.D

Acq: 6 Oct 2022 16:08

Instrument :

BNA_G

ClientSampleId :

5486-3

Tgt Ion: 70 Resp: 33274

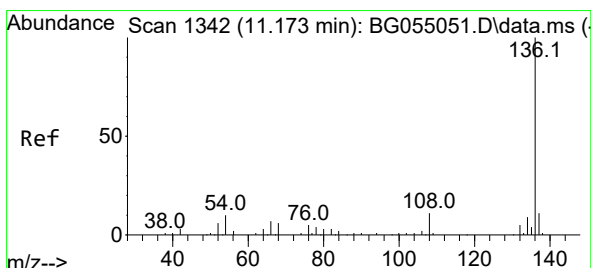
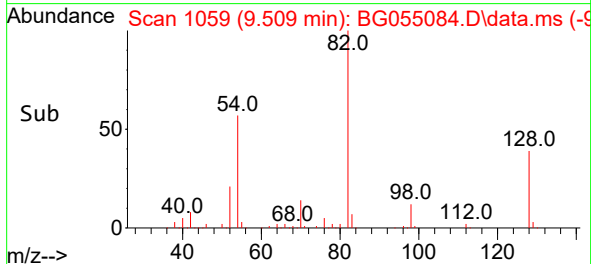
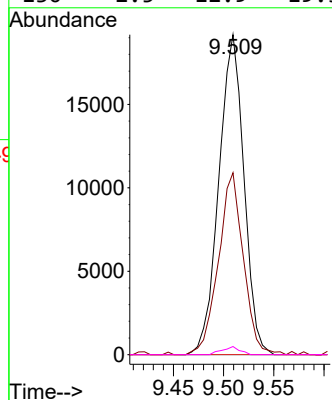
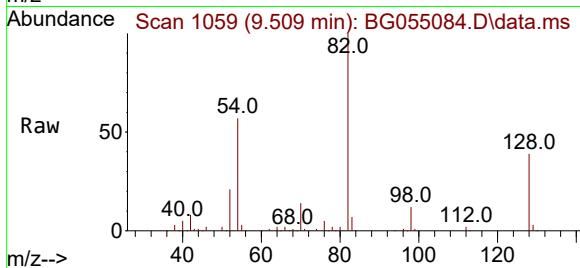
Ion Ratio Lower Upper

70 100

42 56.8 55.8 83.6

101 0.0 7.1 10.7#

130 2.5 12.9 19.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.166 min Scan# 1341

Delta R.T. -0.006 min

Lab File: BG055084.D

Acq: 6 Oct 2022 16:08

Tgt Ion:136 Resp: 130917

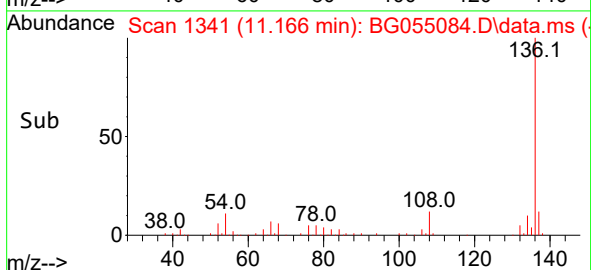
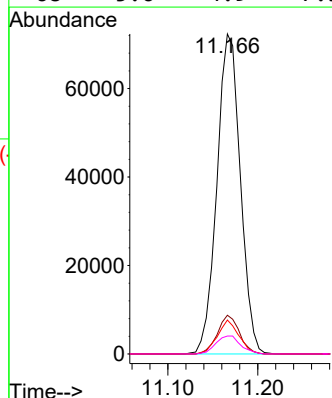
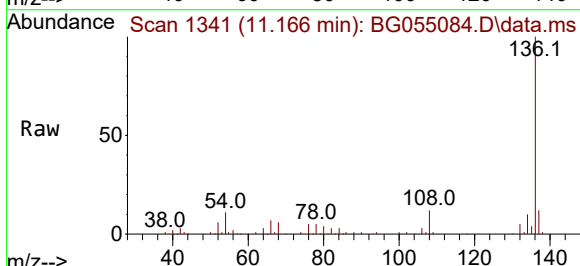
Ion Ratio Lower Upper

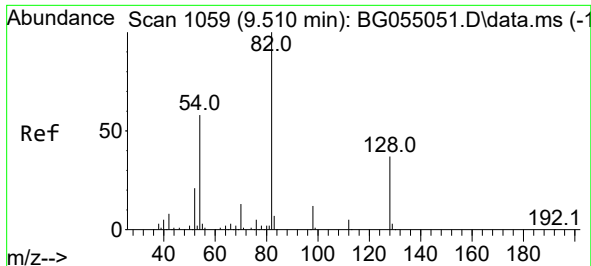
136 100

137 12.1 8.7 13.1

54 10.6 8.2 12.4

68 5.6 4.9 7.3

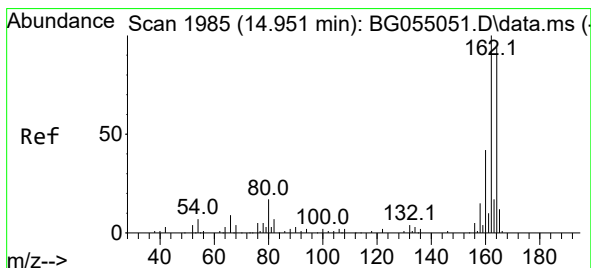
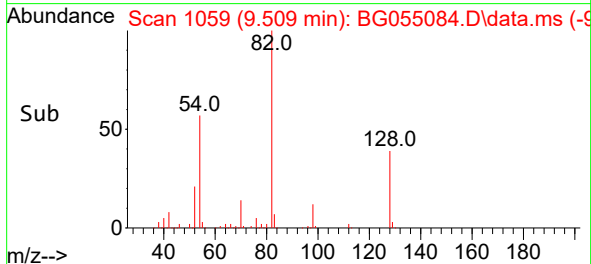
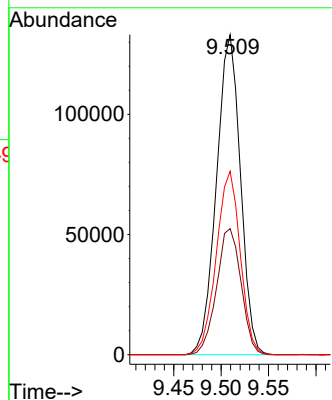
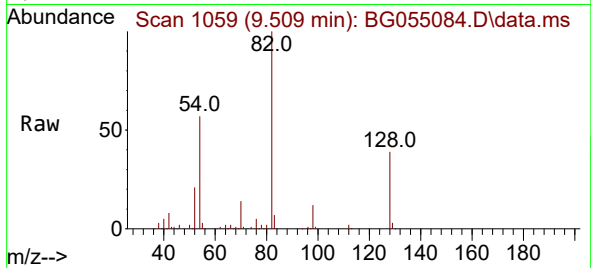




#23
Nitrobenzene-d5
Concen: 106.803 ng
RT: 9.509 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

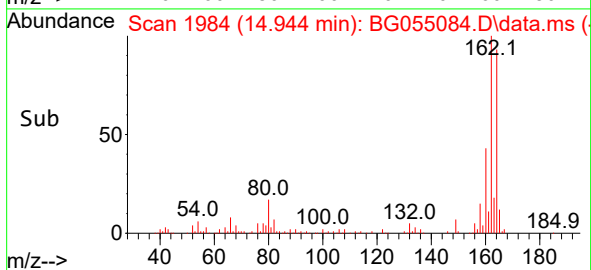
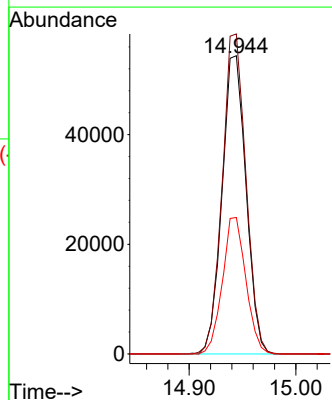
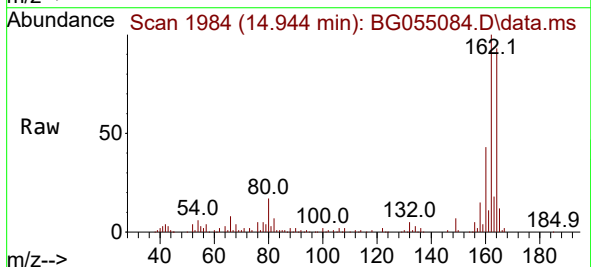
Instrument :
BNA_G
ClientSampleId :
5486-3

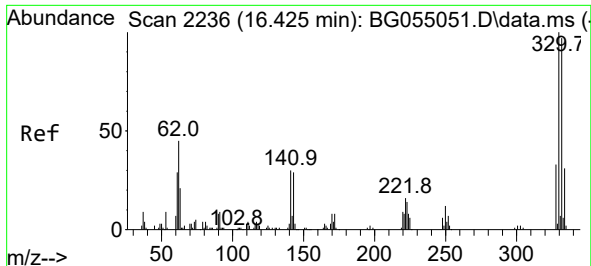
Tgt Ion: 82 Resp: 233997
Ion Ratio Lower Upper
82 100
128 39.4 29.5 44.3
54 57.3 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Tgt Ion: 164 Resp: 84821
Ion Ratio Lower Upper
164 100
162 107.3 85.5 128.3
160 45.8 35.5 53.3

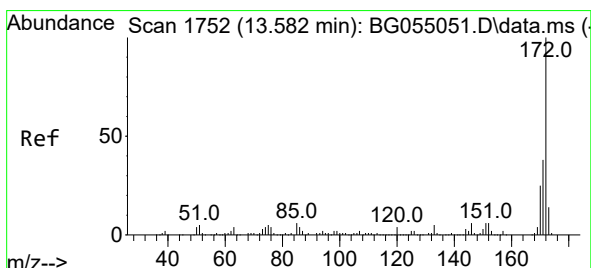
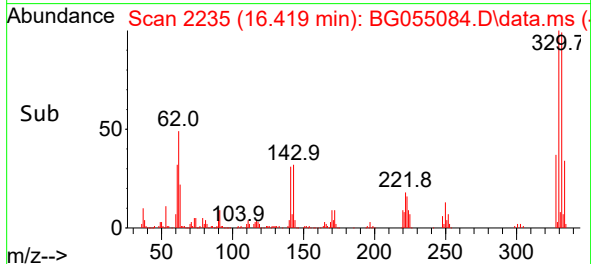
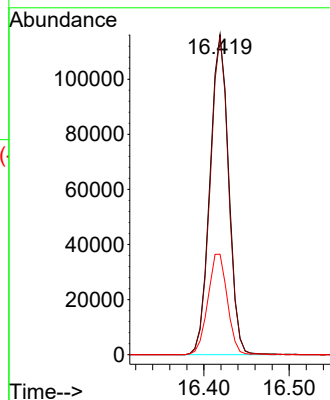
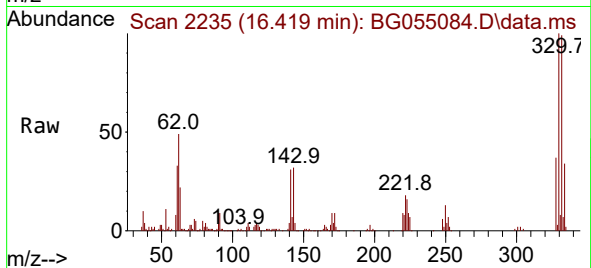




#42
2,4,6-Tribromophenol
Concen: 197.712 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

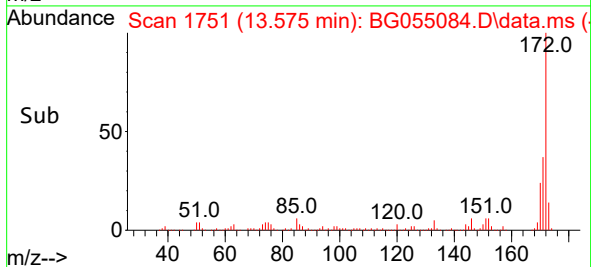
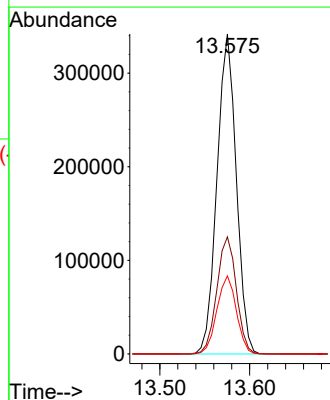
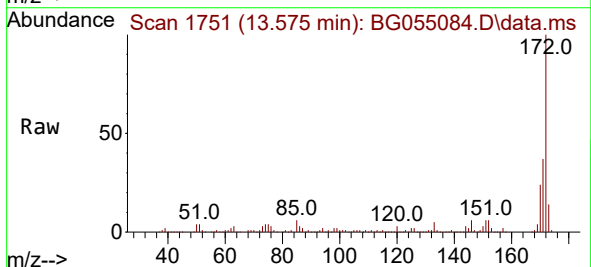
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BNA_G
ClientSampleId :
5486-3

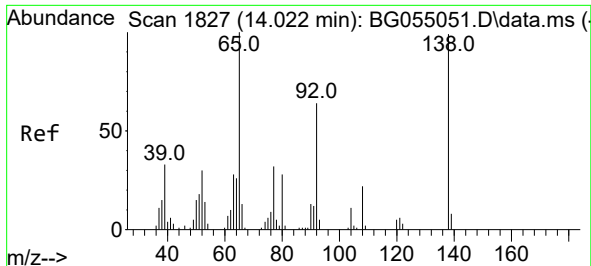
Tgt Ion:330 Resp: 177308
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 32.6 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 93.851 ng
RT: 13.575 min Scan# 1751
Delta R.T. -0.007 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Tgt Ion:172 Resp: 509925
Ion Ratio Lower Upper
172 100
171 36.6 30.1 45.1
170 24.4 20.0 30.0

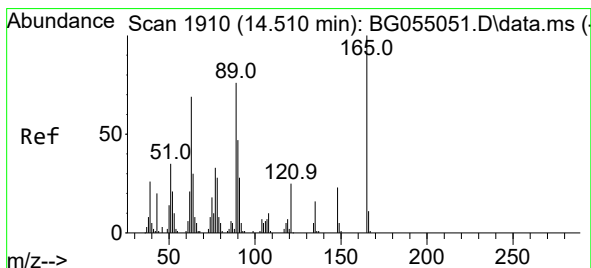
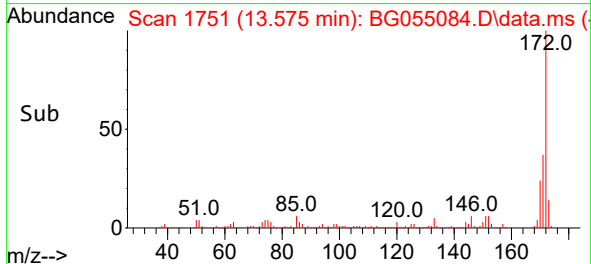
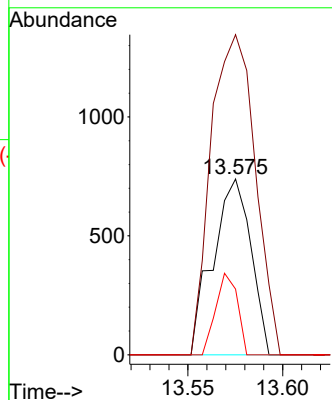
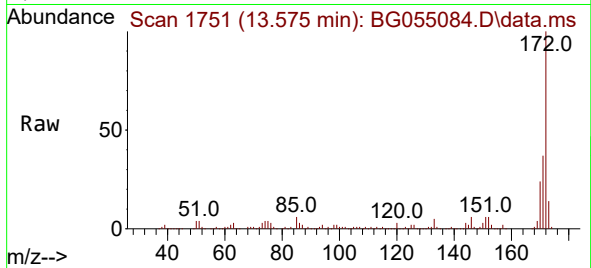




#48
2-Nitroaniline
Concen: 4.799 ng
RT: 13.575 min Scan# 11
Delta R.T. -0.447 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

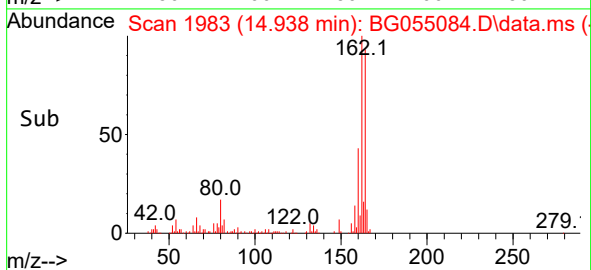
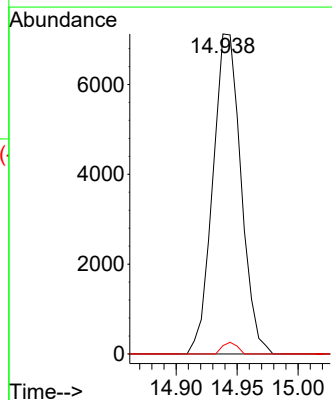
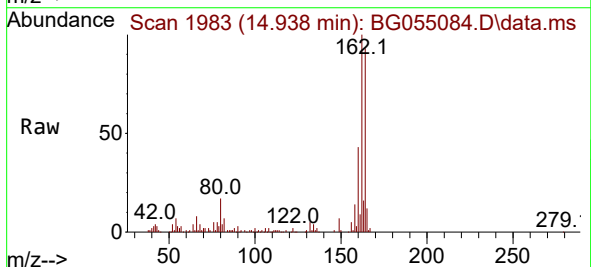
Instrument :
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ClientSampleId :
5486-3

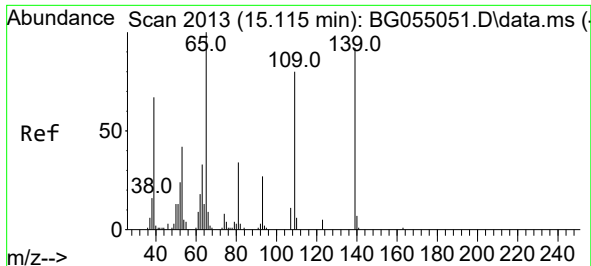
Tgt Ion: 65 Resp: 1033
Ion Ratio Lower Upper
65 100
92 182.1 50.9 76.3#
138 37.3 79.5 119.3#



#51
2,6-Dinitrotoluene
Concen: 12.500 ng
RT: 14.938 min Scan# 1983
Delta R.T. 0.428 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Tgt Ion:165 Resp: 11444
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 2.6 60.4 90.6#

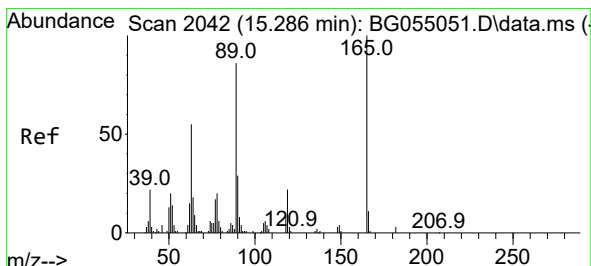
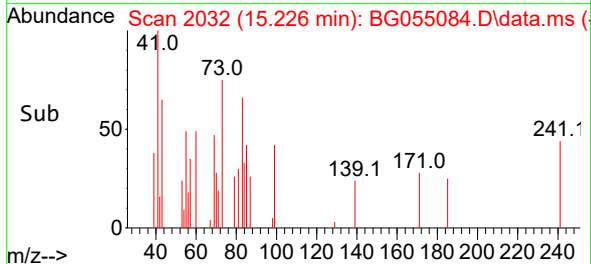
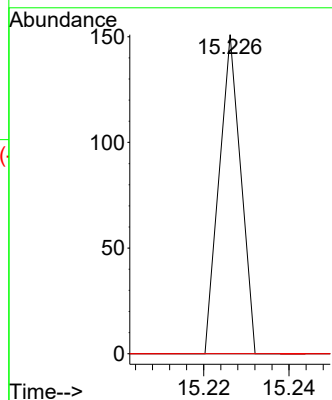
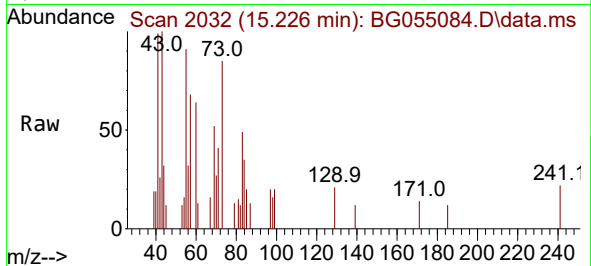




#56
4-Nitrophenol
Concen: 4.964 ng
RT: 15.226 min Scan# 2013
Delta R.T. 0.111 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

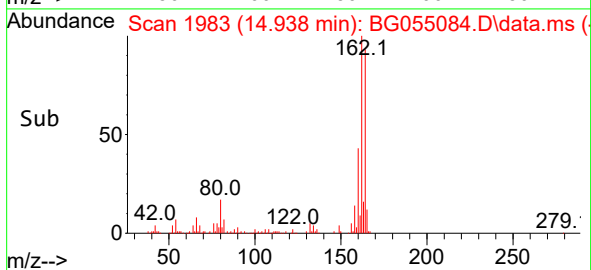
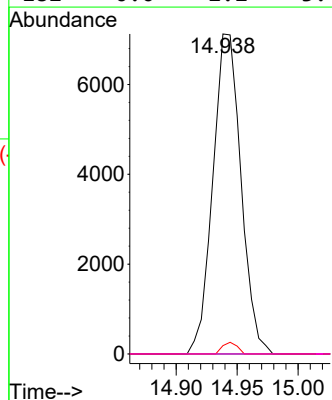
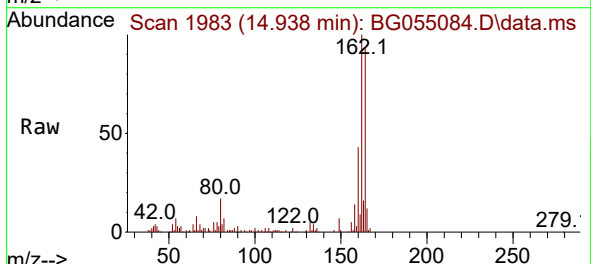
Instrument :
BNA_G
ClientSampleId :
5486-3

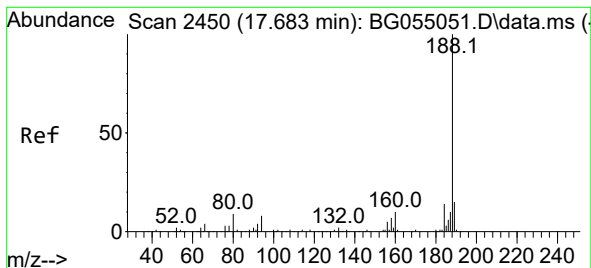
Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 66.6 106.6#
65 0.0 88.5 128.5#



#57
2,4-Dinitrotoluene
Concen: 10.179 ng
RT: 14.938 min Scan# 1983
Delta R.T. -0.348 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Tgt Ion:165 Resp: 11444
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 2.6 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.676 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG055084.D

Acq: 6 Oct 2022 16:08

Instrument :

BNA_G

ClientSampleId :

5486-3

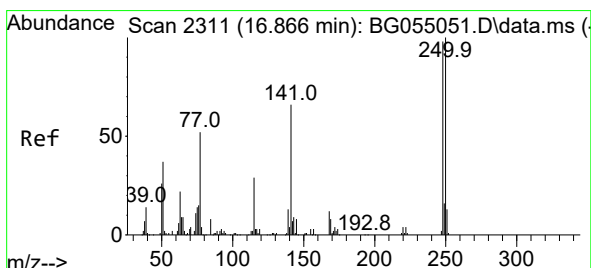
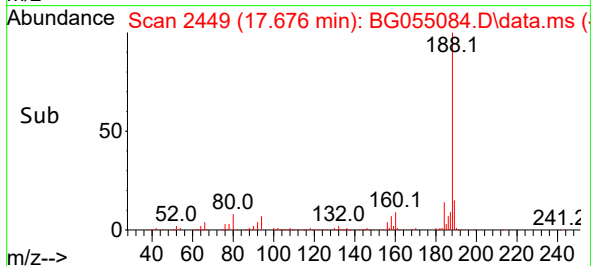
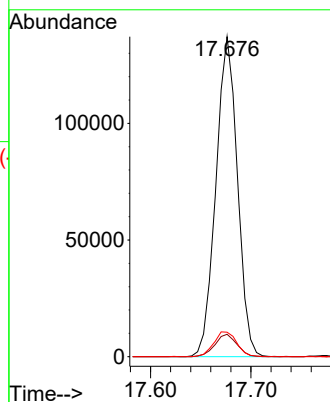
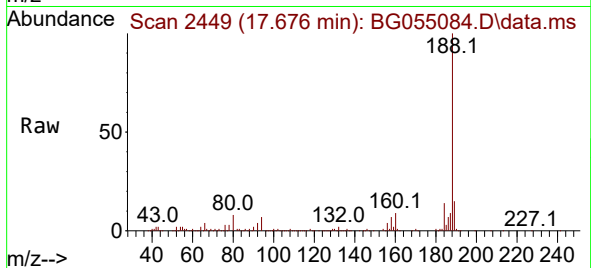
Tgt Ion:188 Resp: 203866

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.2

80 7.7 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 5.201 ng

RT: 16.419 min Scan# 2235

Delta R.T. -0.447 min

Lab File: BG055084.D

Acq: 6 Oct 2022 16:08

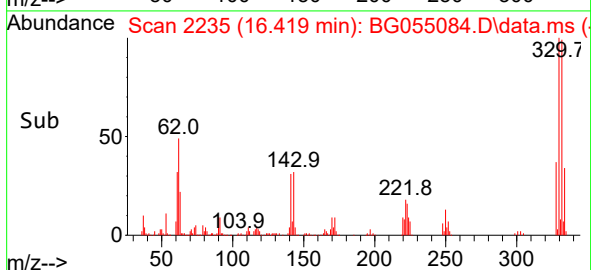
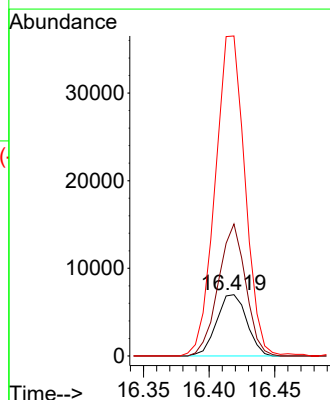
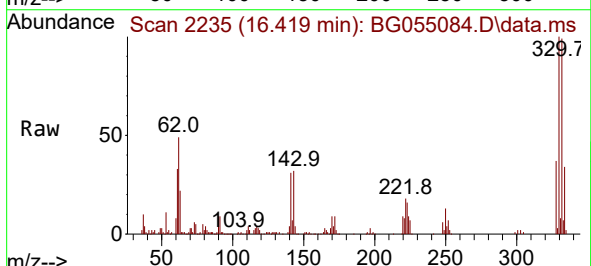
Tgt Ion:248 Resp: 11213

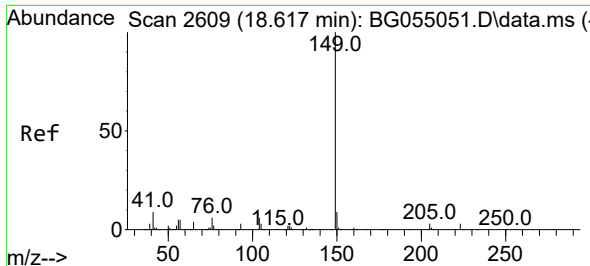
Ion Ratio Lower Upper

248 100

250 215.2 81.7 122.5#

141 521.7 53.7 80.5#

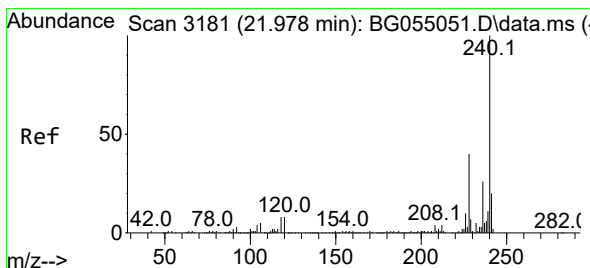
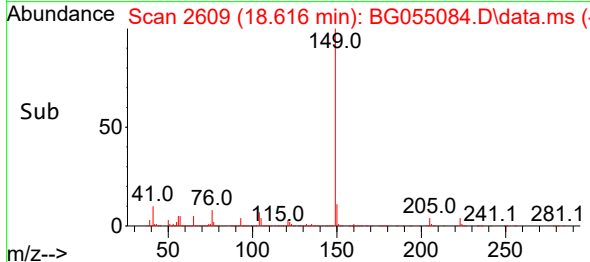
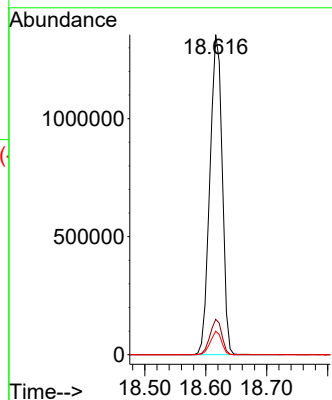
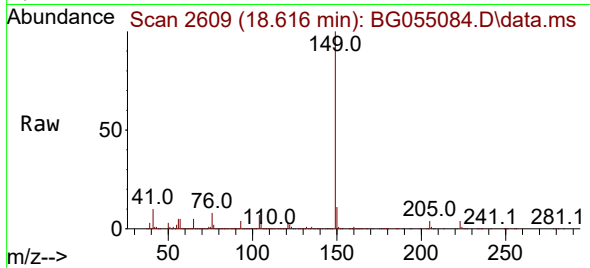




#74
Di-n-butylphthalate
Concen: 199.609 ng
RT: 18.616 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

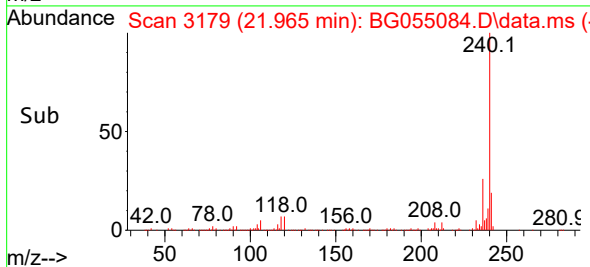
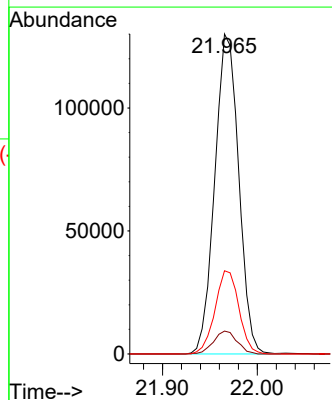
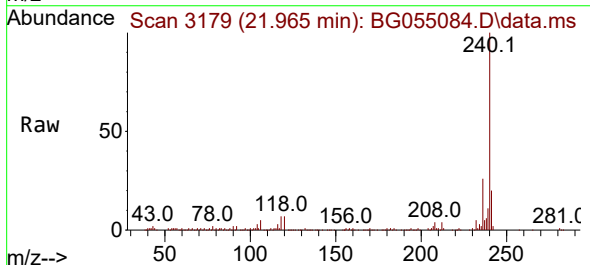
Instrument :
BNA_G
ClientSampleId :
5486-3

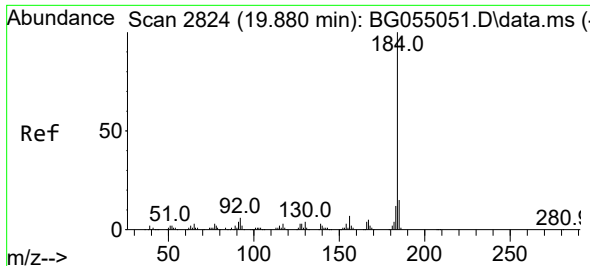
Tgt Ion:149 Resp: 1904922
Ion Ratio Lower Upper
149 100
150 11.0 7.5 11.3
104 7.3 4.8 7.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.965 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Tgt Ion:240 Resp: 228276
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.4
236 26.0 20.6 30.8

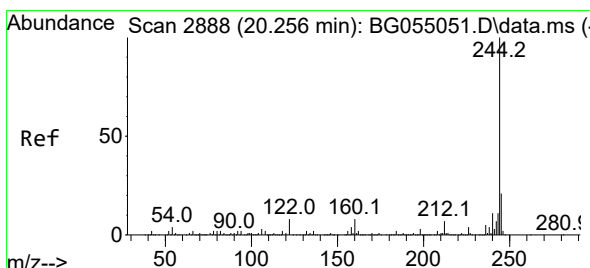
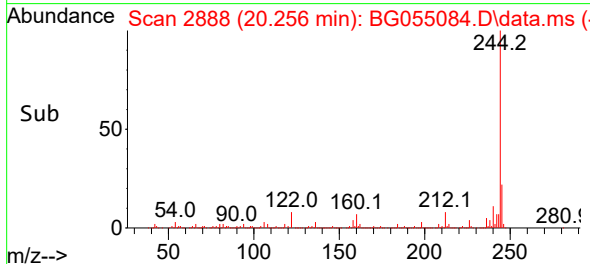
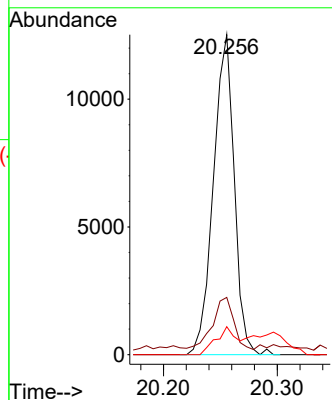
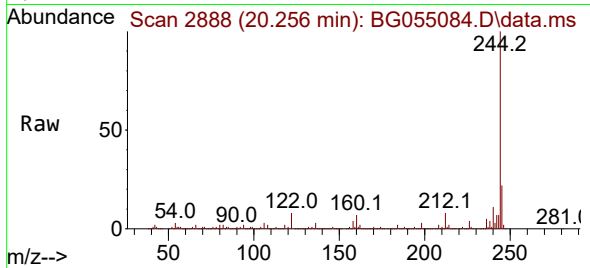




#77
Benzidine
Concen: 4.060 ng
RT: 20.256 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

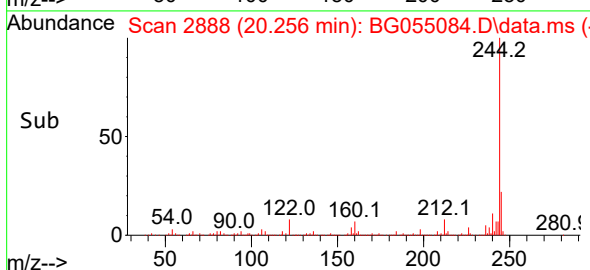
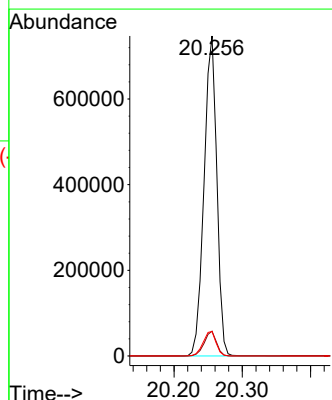
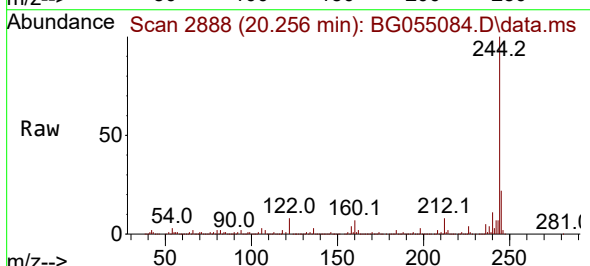
Instrument :
BNA_G
ClientSampleId :
5486-3

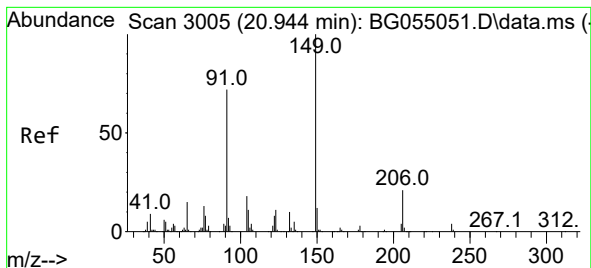
Tgt Ion:184 Resp: 15965
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.4
183 8.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.165 ng
RT: 20.256 min Scan# 2888
Delta R.T. -0.000 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Tgt Ion:244 Resp: 973163
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 7.7 6.6 10.0





#80

Butylbenzylphthalate

Concen: 4.973 ng

RT: 20.902 min Scan# 2998

Delta R.T. -0.042 min

Lab File: BG055084.D

Acq: 6 Oct 2022 16:08

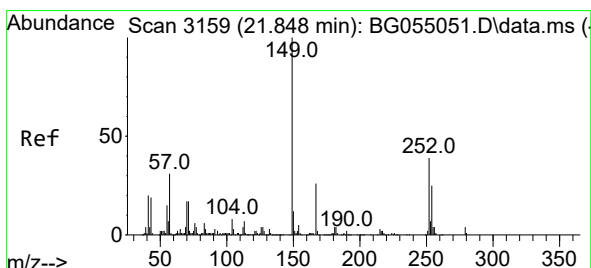
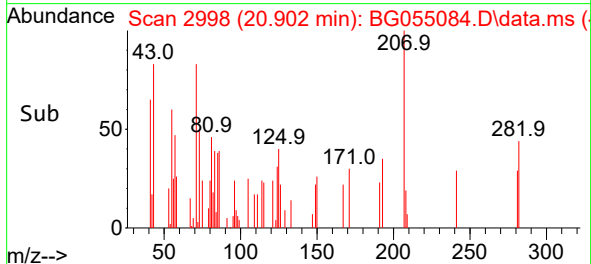
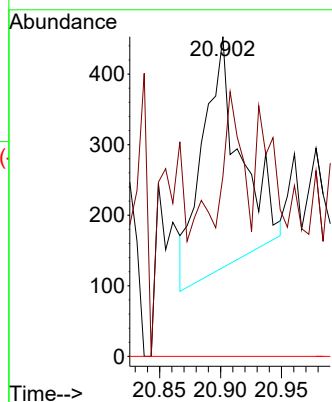
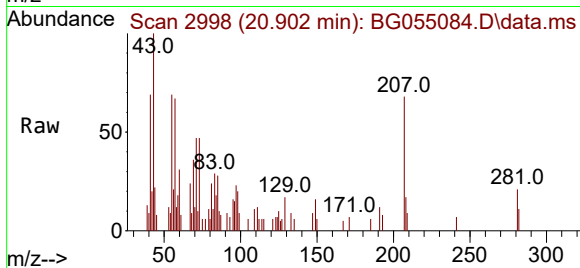
Instrument :

BNA_G

ClientSampleId :

5486-3

Tgt Ion:149	Resp:	712
Ion Ratio	Lower	Upper
149	100	
91	56.3	57.8 86.8#
206	0.0	16.9 25.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.400 ng

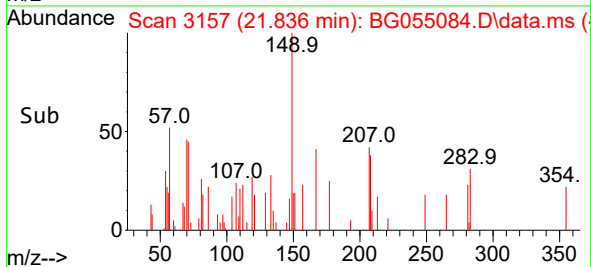
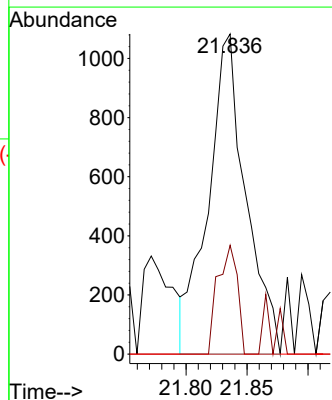
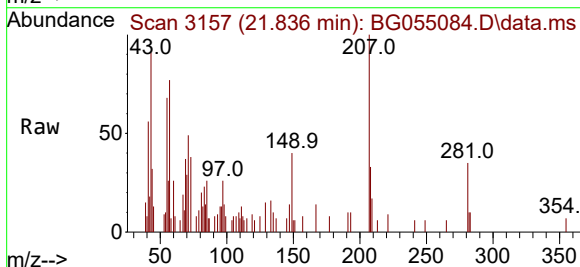
RT: 21.836 min Scan# 3157

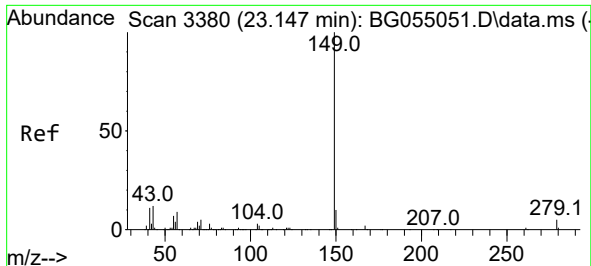
Delta R.T. -0.012 min

Lab File: BG055084.D

Acq: 6 Oct 2022 16:08

Tgt Ion:149	Resp:	2322
Ion Ratio	Lower	Upper
149	100	
167	34.0	21.0 31.4#
279	0.0	3.4 5.2#

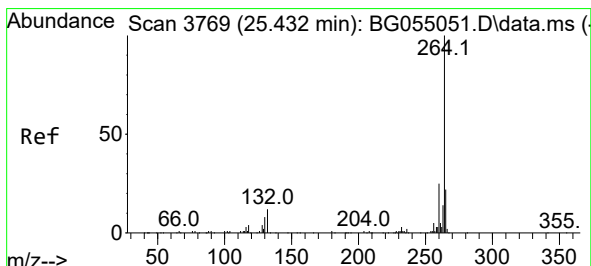
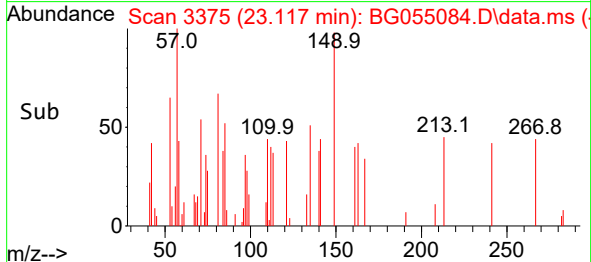
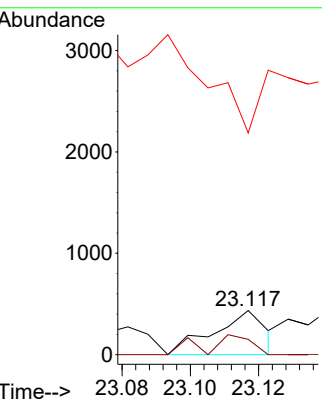
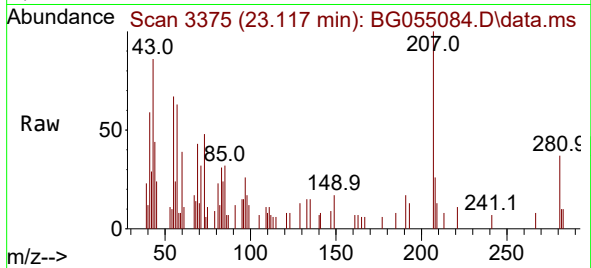




#85
Di-n-octyl phthalate
Concen: 4.376 ng
RT: 23.117 min Scan# 311
Delta R.T. -0.030 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Instrument :
BNA_G
ClientSampleId :
5486-3

Tgt Ion:149 Resp: 462
Ion Ratio Lower Upper
149 100
167 39.4 1.3 1.9#
43 0.0 10.2 15.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.420 min Scan# 3767
Delta R.T. -0.012 min
Lab File: BG055084.D
Acq: 6 Oct 2022 16:08

Tgt Ion:264 Resp: 245377
Ion Ratio Lower Upper
264 100
260 23.2 19.7 29.5
265 22.3 17.8 26.6

