

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
 Data File : BG055042.D
 Acq On : 30 Sep 2022 15:56
 Operator : CG/JU
 Sample : N4912-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939

Quant Time: Oct 01 02:12:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 15:43:39 2022
 Response via : Initial Calibration

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

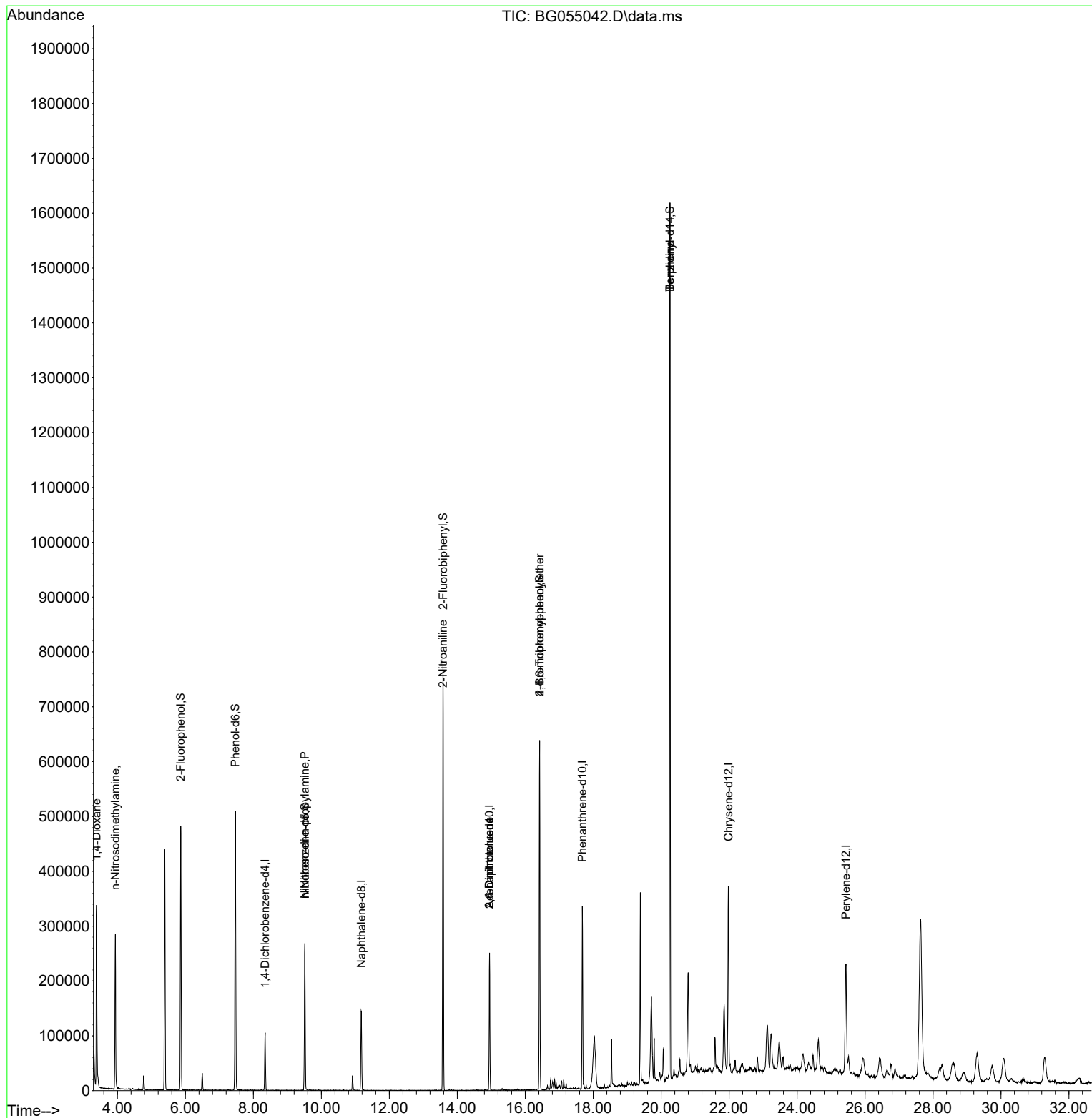
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	29270	20.000	ng	0.00
21) Naphthalene-d8	11.179	136	124298	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	88605	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	209583	20.000	ng	0.00
76) Chrysene-d12	21.978	240	212182	20.000	ng	#-0.02
86) Perylene-d12	25.438	264	229417	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	210015	137.543	ng	0.00
7) Phenol-d6	7.471	99	282614	139.502	ng	0.00
23) Nitrobenzene-d5	9.516	82	155486	80.713	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	129228	128.533	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	409330	72.719	ng	0.00
79) Terphenyl-d14	20.262	244	782191	76.871	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.388	88	3286	4.345	ng	# 1
4) n-Nitrosodimethylamine	3.940	42	10605	10.148	ng	# 1
9) Benzaldehyde	7.471	77	565	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.516	70	21471	13.490	ng	# 83
48) 2-Nitroaniline	13.576	65	605	4.705	ng	# 1
51) 2,6-Dinitrotoluene	14.951	165	11818	12.351	ng	# 20
57) 2,4-Dinitrotoluene	14.951	165	11818	10.461	ng	# 18
67) 4-Bromophenyl-phenylether	16.425	248	8248	3.653	ng	# 1
77) Benzidine	20.262	184	11940	2.272	ng	# 91

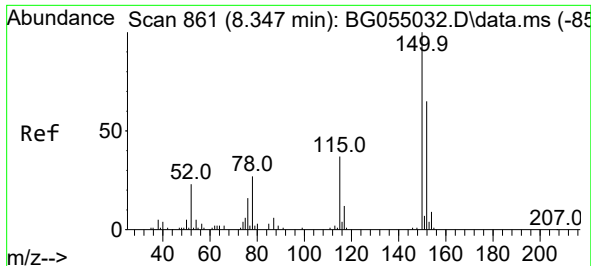
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
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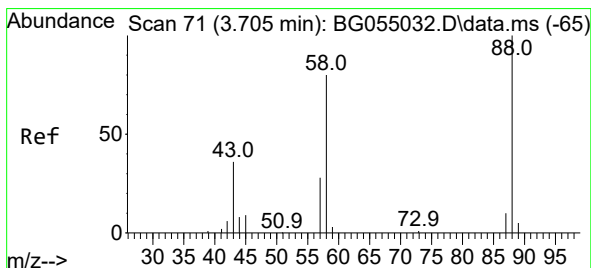
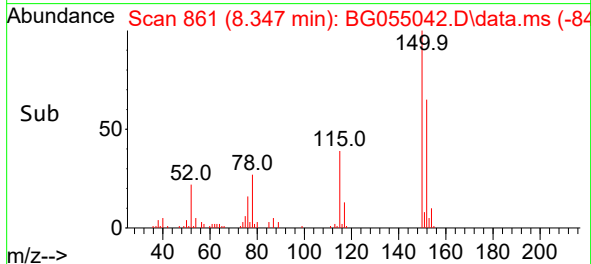
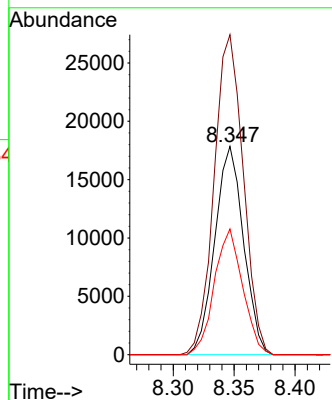
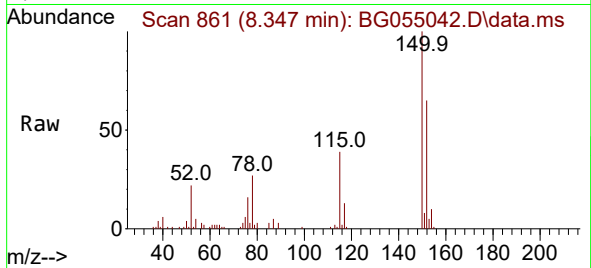




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

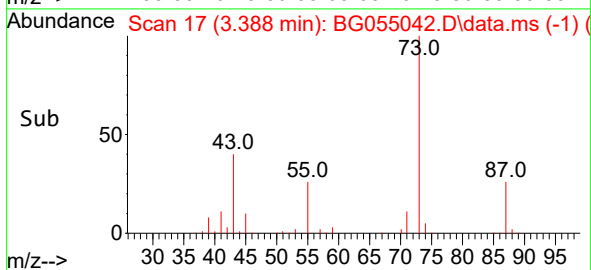
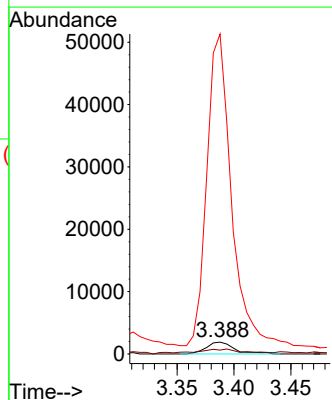
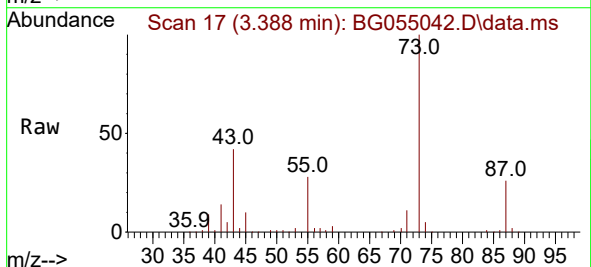
Instrument :
BNA_G
ClientSampleId :
72-11939

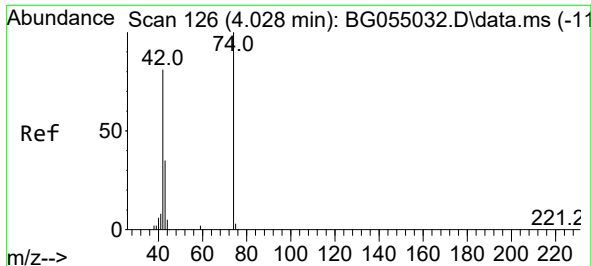
Tgt Ion:152 Resp: 29270
Ion Ratio Lower Upper
152 100
150 153.7 125.2 187.8
115 60.4 47.9 71.9



#2
1,4-Dioxane
Concen: 4.345 ng
RT: 3.388 min Scan# 17
Delta R.T. -0.318 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Tgt Ion: 88 Resp: 3286
Ion Ratio Lower Upper
88 100
58 73.7 65.9 98.9
43 2384.4 22.7 34.1#

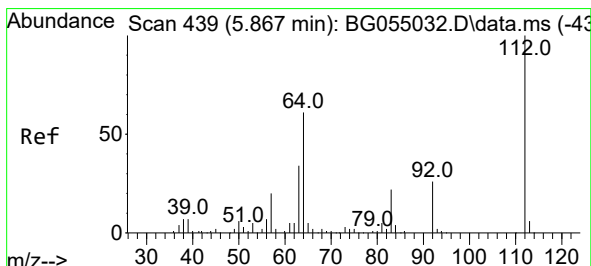
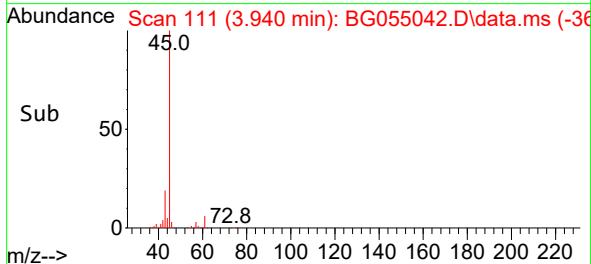
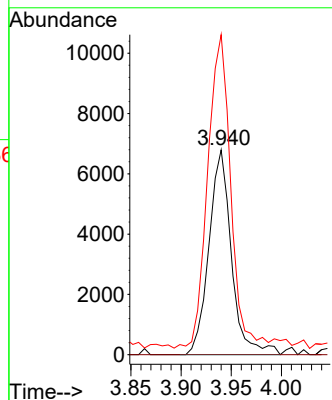
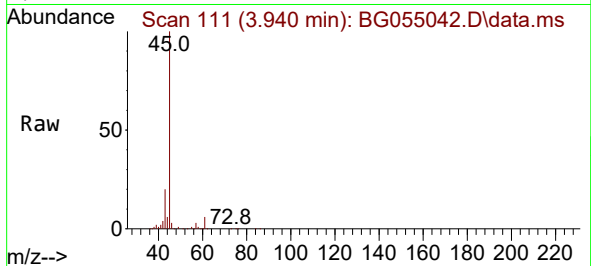




#4
n-Nitrosodimethylamine
Concen: 10.148 ng
RT: 3.940 min Scan# 11
Delta R.T. -0.088 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

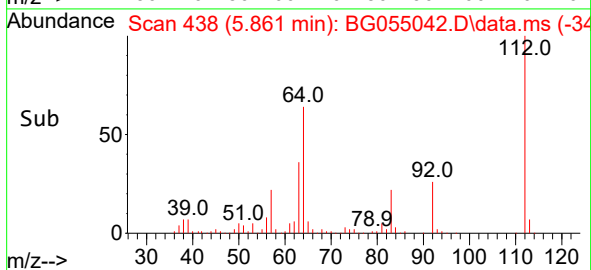
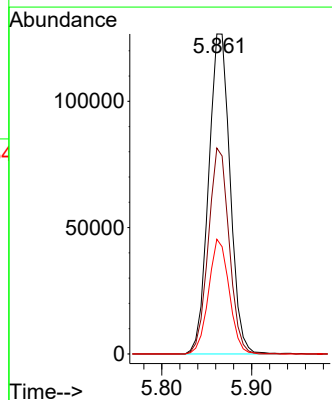
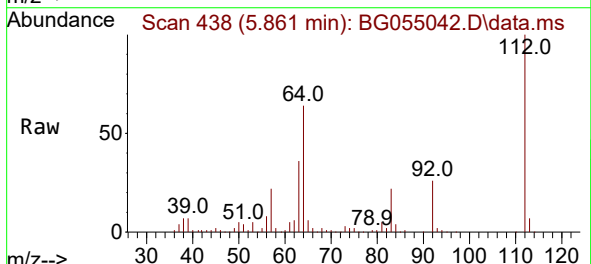
Instrument :
BNA_G
ClientSampleId :
72-11939

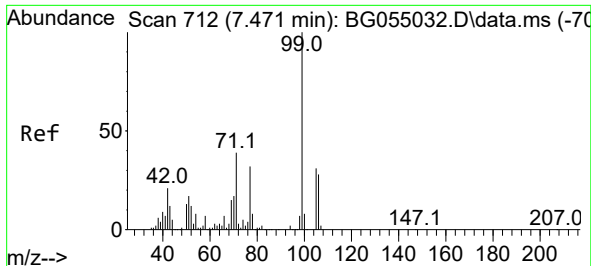
Tgt Ion: 42 Resp: 10605
Ion Ratio Lower Upper
42 100
74 0.0 109.6 164.4#
44 156.3 5.5 8.3#



#5
2-Fluorophenol
Concen: 137.543 ng
RT: 5.861 min Scan# 438
Delta R.T. -0.006 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Tgt Ion: 112 Resp: 210015
Ion Ratio Lower Upper
112 100
64 64.4 49.3 73.9
63 35.8 26.3 39.5



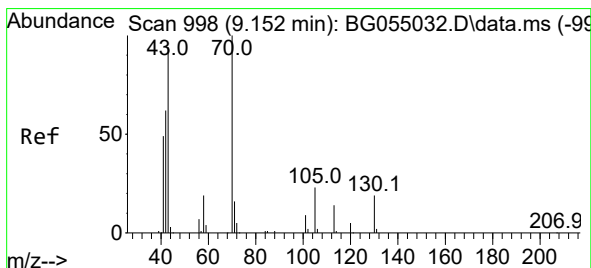
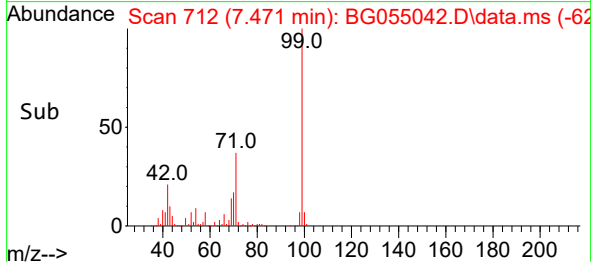
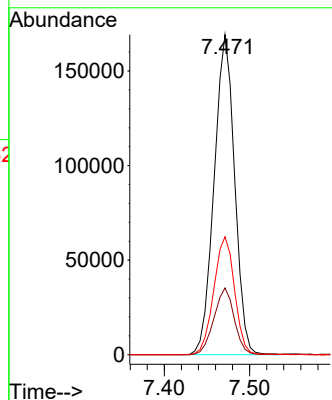
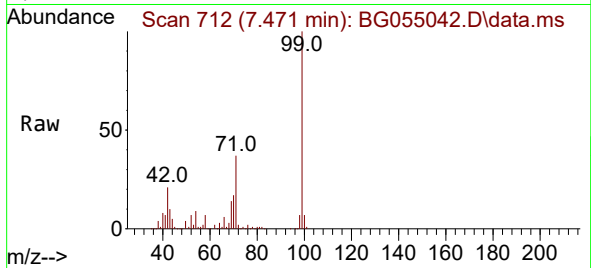


#7
Phenol-d6
Concen: 139.502 ng
RT: 7.471 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Instrument :
BNA_G
ClientSampleId :
72-11939

Tgt Ion: 99 Resp: 282614

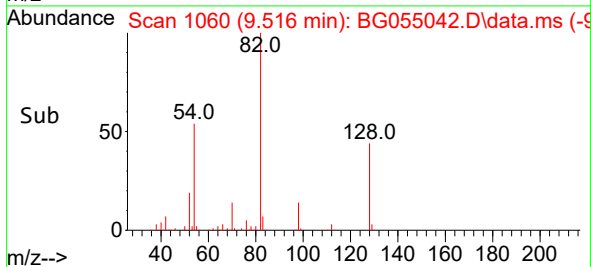
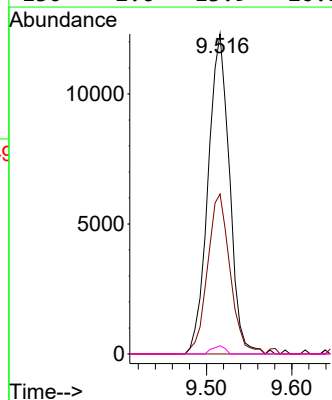
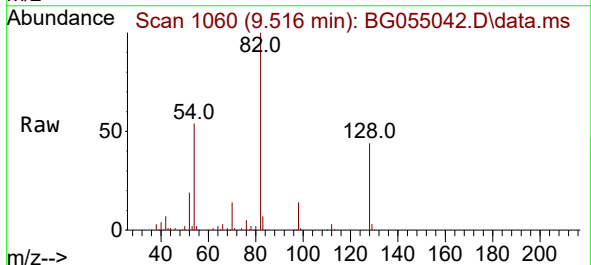
Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.6	22.0
71	36.9	24.6	37.0

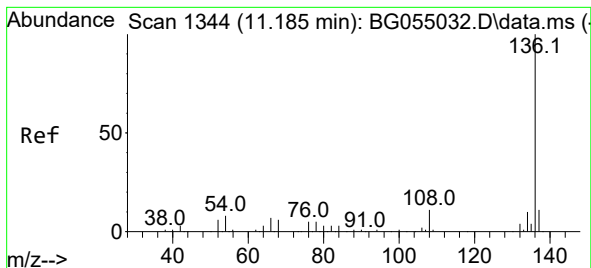


#19
n-Nitroso-di-n-propylamine
Concen: 13.490 ng
RT: 9.516 min Scan# 1060
Delta R.T. 0.364 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Tgt Ion: 70 Resp: 21471

Ion	Ratio	Lower	Upper
70	100		
42	49.9	46.6	69.8
101	0.0	7.7	11.5#
130	2.6	13.9	20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

Instrument :

BNA_G

ClientSampleId :

72-11939

Tgt Ion:136 Resp: 124298

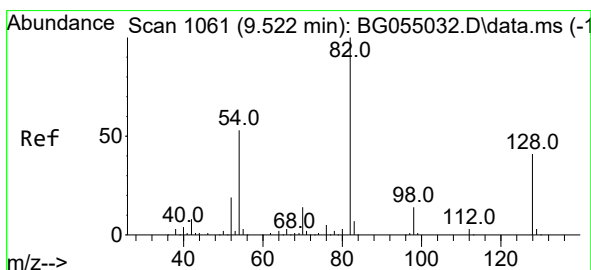
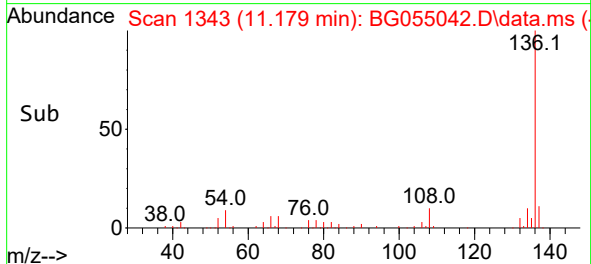
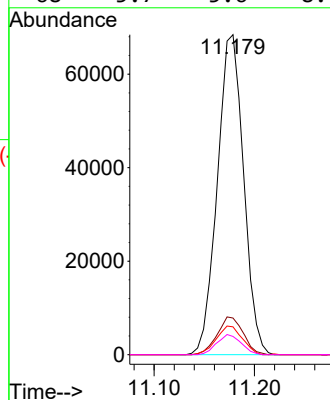
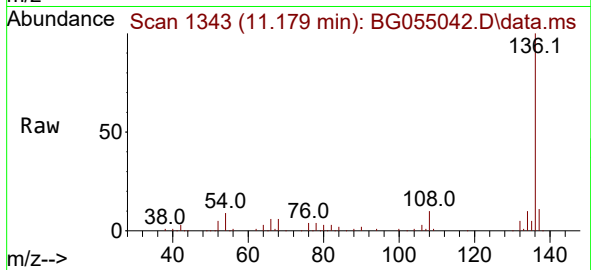
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.7 7.7 11.5

68 5.7 5.6 8.4



#23

Nitrobenzene-d5

Concen: 80.713 ng

RT: 9.516 min Scan# 1060

Delta R.T. -0.006 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

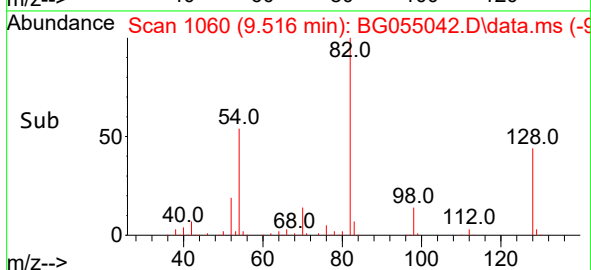
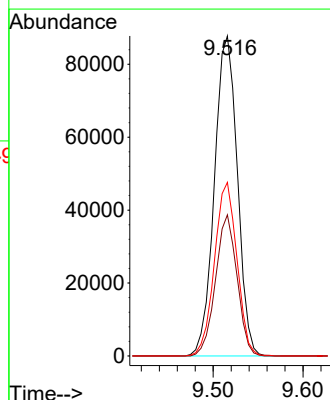
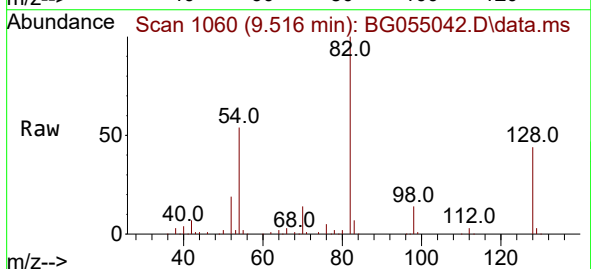
Tgt Ion: 82 Resp: 155486

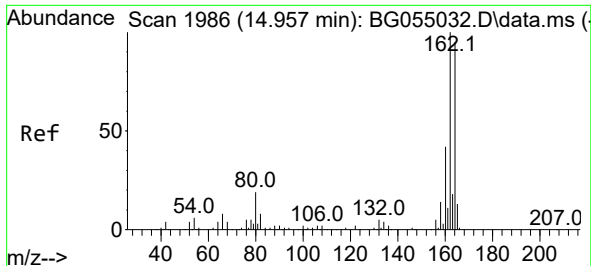
Ion Ratio Lower Upper

82 100

128 44.1 32.2 48.2

54 54.3 41.4 62.0

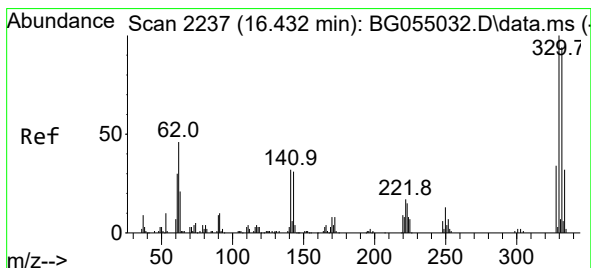
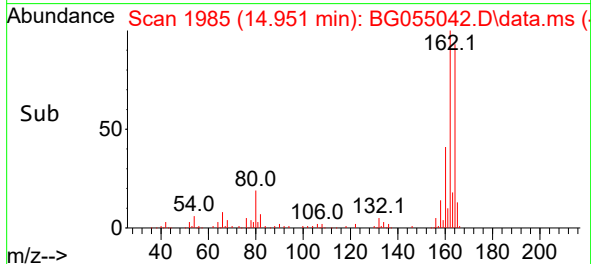
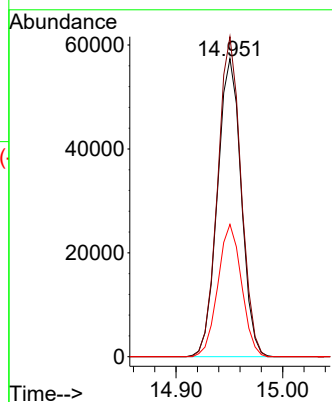
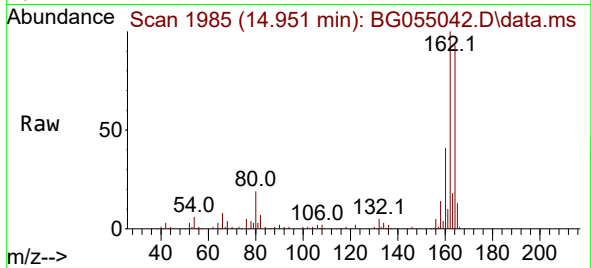




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

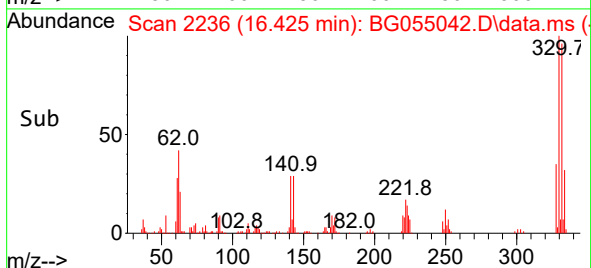
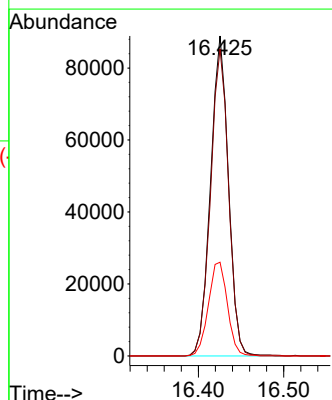
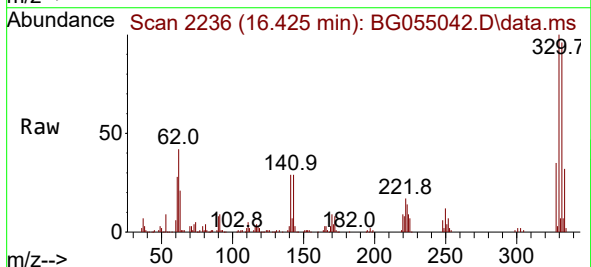
Instrument :
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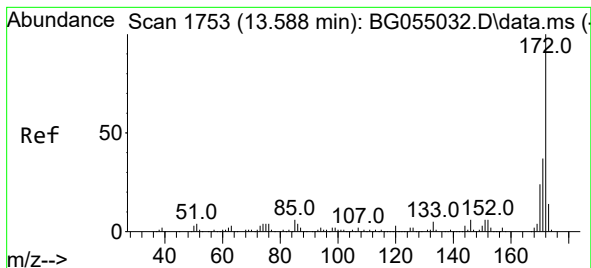
Tgt Ion:164 Resp: 88605
Ion Ratio Lower Upper
164 100
162 107.3 83.0 124.4
160 44.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 128.533 ng
RT: 16.425 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Tgt Ion:330 Resp: 129228
Ion Ratio Lower Upper
330 100
332 97.0 79.8 119.6
141 31.2 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 72.719 ng

RT: 13.582 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

Instrument :

BNA_G

ClientSampleId :

72-11939

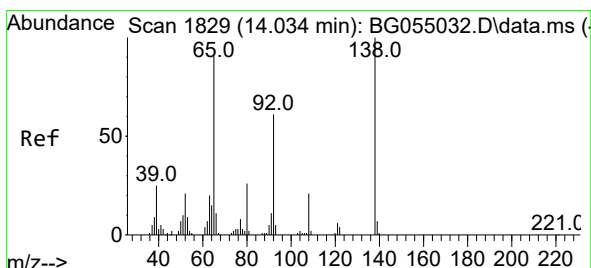
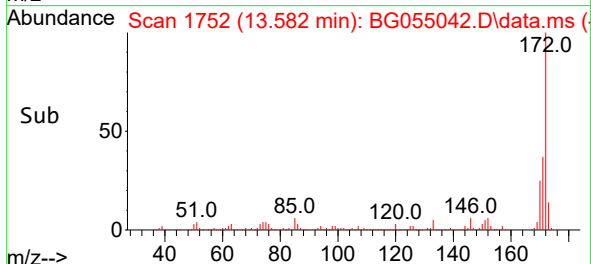
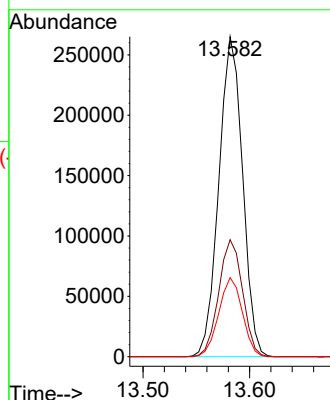
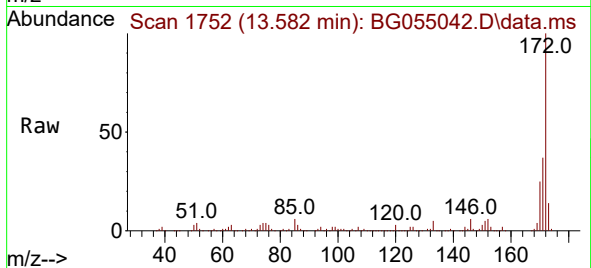
Tgt Ion:172 Resp: 409330

Ion Ratio Lower Upper

172 100

171 36.6 31.2 46.8

170 24.7 20.6 30.8



#48

2-Nitroaniline

Concen: 4.705 ng

RT: 13.576 min Scan# 1751

Delta R.T. -0.458 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

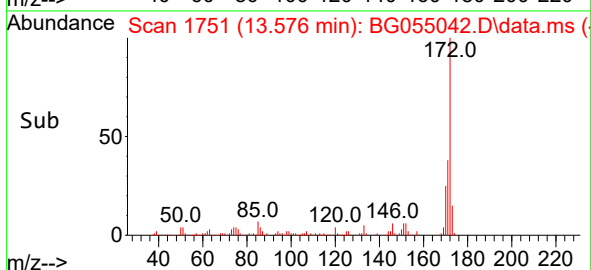
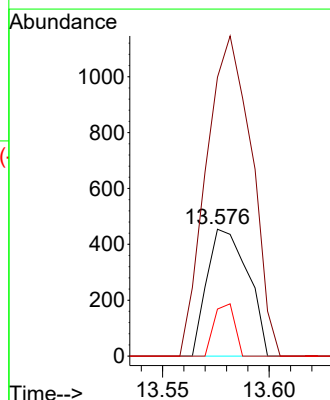
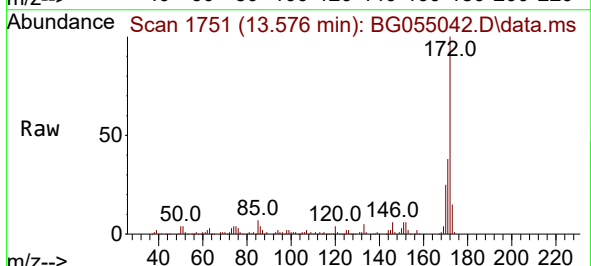
Tgt Ion: 65 Resp: 605

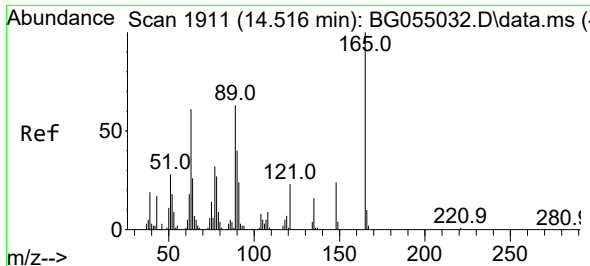
Ion Ratio Lower Upper

65 100

92 219.8 54.7 82.1#

138 37.0 84.1 126.1#





#51

2,6-Dinitrotoluene

Concen: 12.351 ng

RT: 14.951 min Scan# 1911

Delta R.T. 0.435 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

Instrument :

BNA_G

ClientSampleId :

72-11939

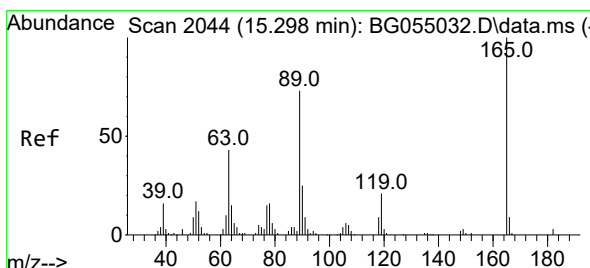
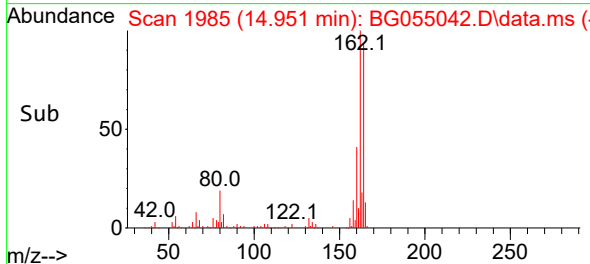
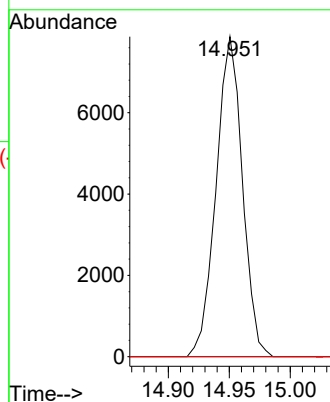
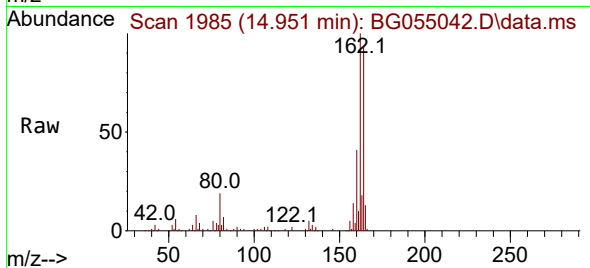
Tgt Ion:165 Resp: 11818

Ion Ratio Lower Upper

165 100

63 0.0 46.0 69.0#

89 0.0 50.3 75.5#



#57

2,4-Dinitrotoluene

Concen: 10.461 ng

RT: 14.951 min Scan# 1985

Delta R.T. -0.347 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

Tgt Ion:165 Resp: 11818

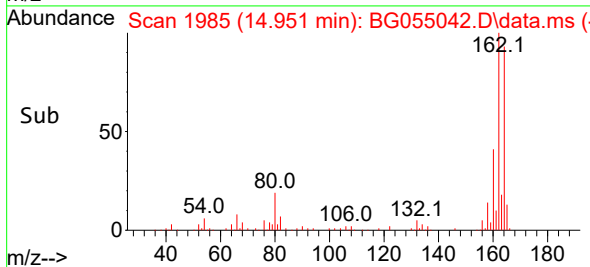
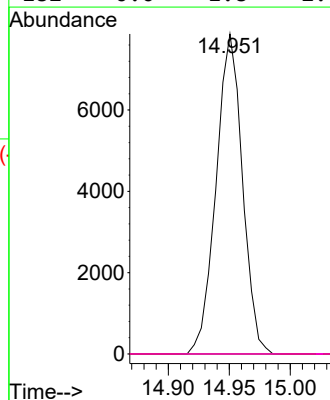
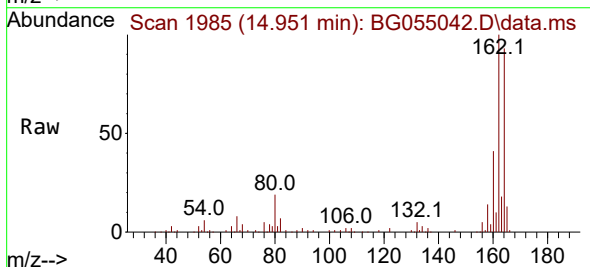
Ion Ratio Lower Upper

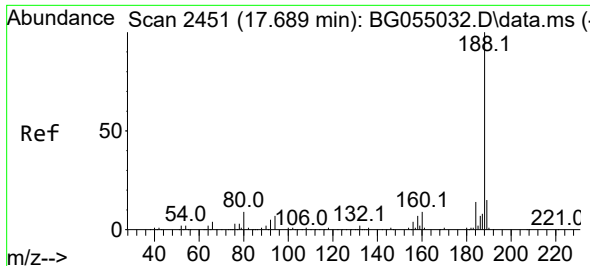
165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#

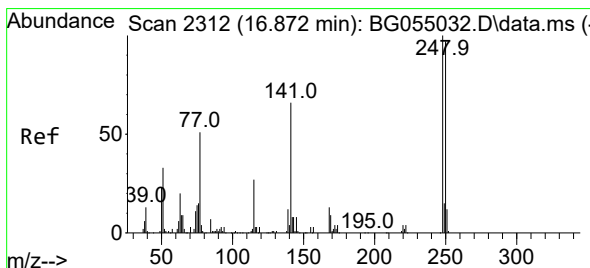
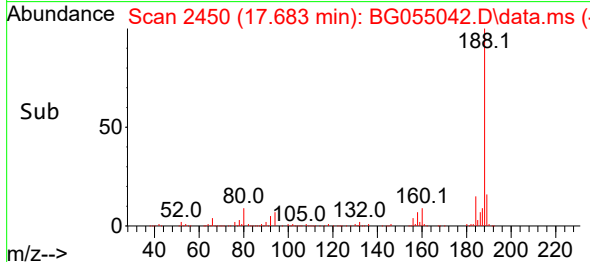
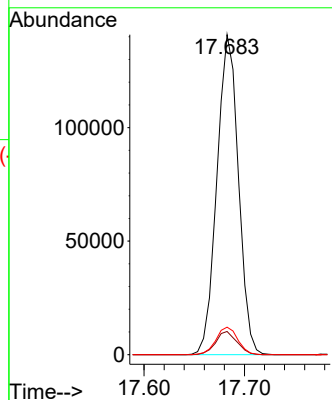
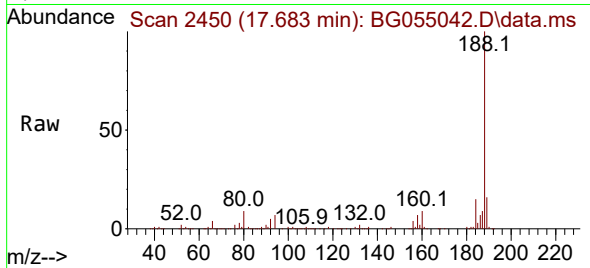




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.683 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

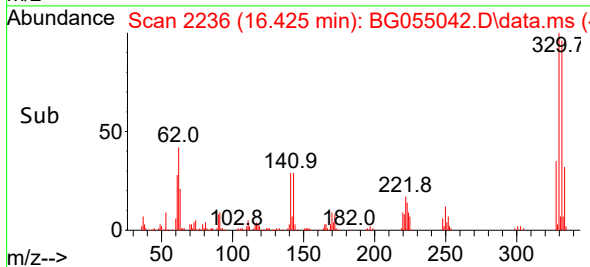
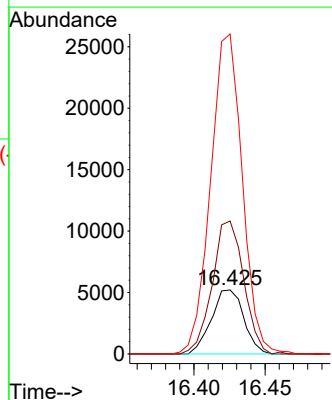
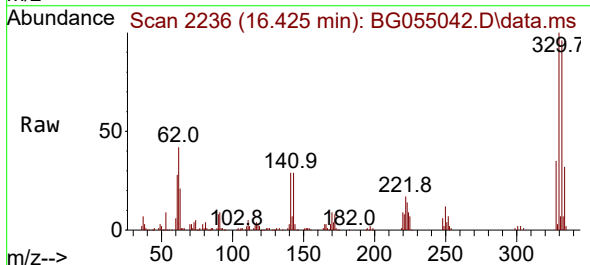
Instrument :
BNA_G
ClientSampleId :
72-11939

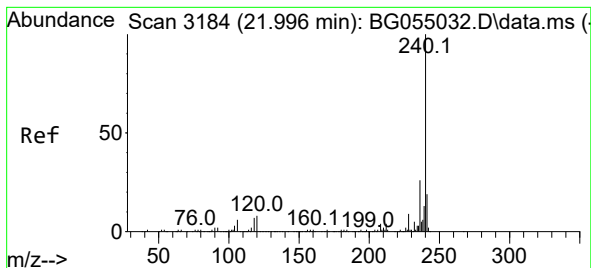
Tgt Ion:188 Resp: 209583
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 8.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.653 ng
RT: 16.425 min Scan# 2236
Delta R.T. -0.447 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Tgt Ion:248 Resp: 8248
Ion Ratio Lower Upper
248 100
250 207.7 78.8 118.2#
141 499.8 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.978 min Scan# 3181

Delta R.T. -0.018 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

Instrument :

BNA_G

ClientSampleId :

72-11939

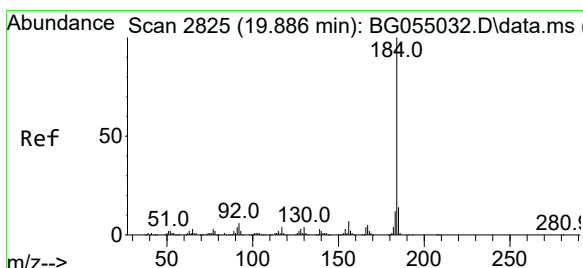
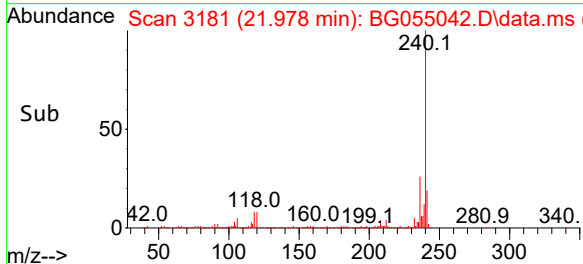
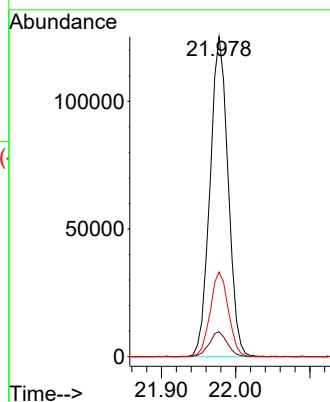
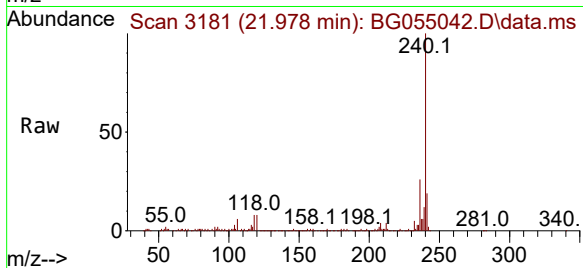
Tgt Ion:240 Resp: 212182

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.4#

236 26.5 21.2 31.8



#77

Benzidine

Concen: 2.272 ng

RT: 20.262 min Scan# 2889

Delta R.T. 0.376 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

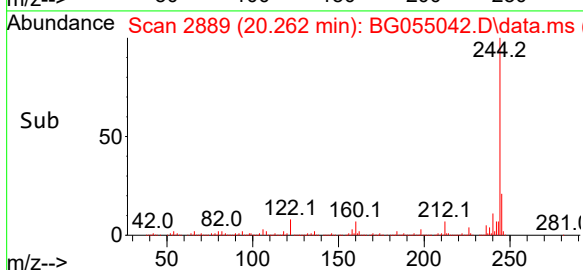
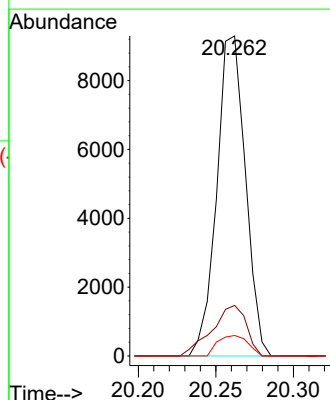
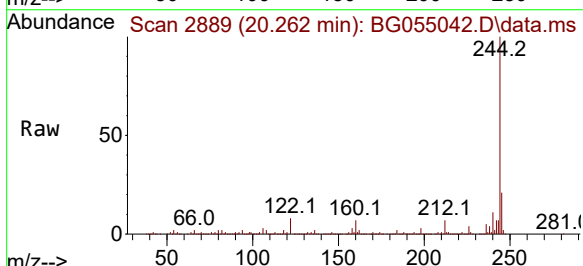
Tgt Ion:184 Resp: 11940

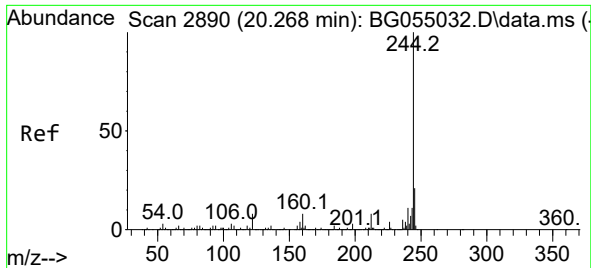
Ion Ratio Lower Upper

184 100

185 15.8 11.4 17.0

183 6.4 9.8 14.8#

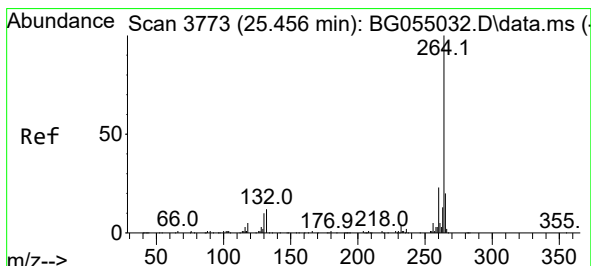
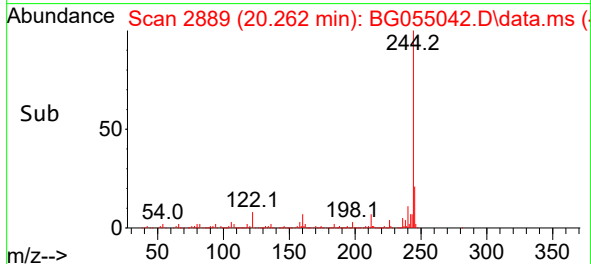
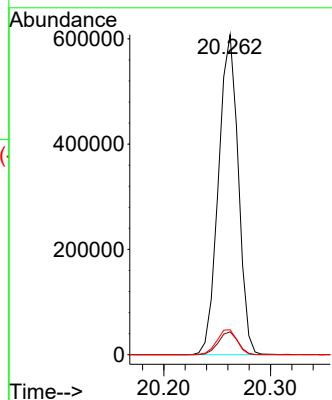
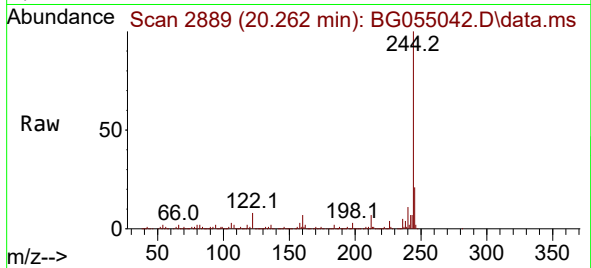




#79
 Terphenyl-d14
 Concen: 76.871 ng
 RT: 20.262 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055042.D
 Acq: 30 Sep 2022 15:56

Instrument :
 BNA_G
 ClientSampleId :
 72-11939

Tgt Ion:244 Resp: 782191
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 7.8 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.438 min Scan# 3770
 Delta R.T. -0.018 min
 Lab File: BG055042.D
 Acq: 30 Sep 2022 15:56

Tgt Ion:264 Resp: 229417
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.9 29.9
 265 21.3 16.9 25.3

