

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
 Data File : BG059089.D
 Acq On : 18 Sep 2023 18:13
 Operator : MA/JU
 Sample : PB155592BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB155592BL

Quant Time: Sep 19 03:29:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 02:12:59 2023
 Response via : Initial Calibration

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

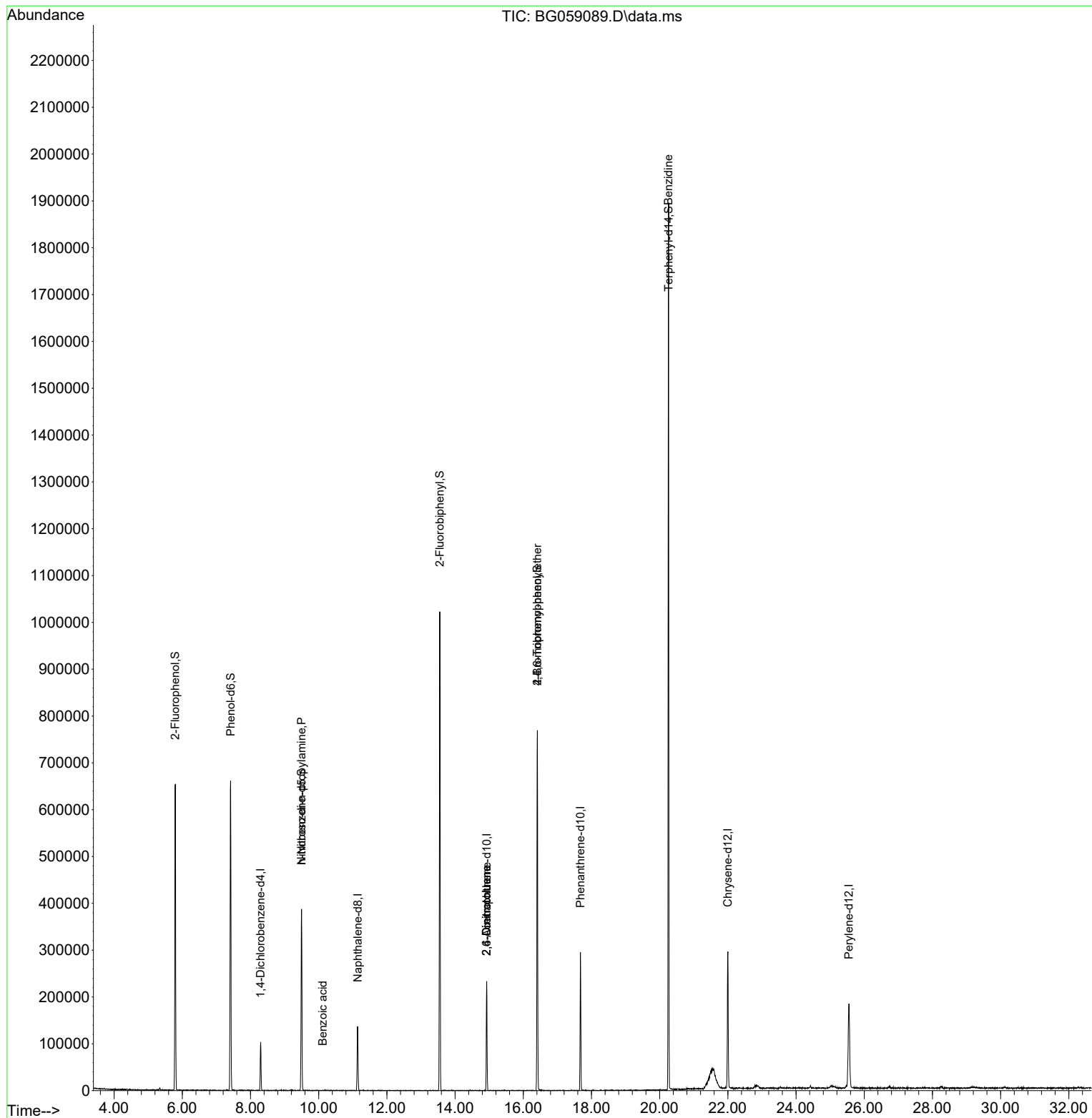
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	27163	20.000	ng	0.00
21) Naphthalene-d8	11.143	136	120403	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	79871	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	181331	20.000	ng	0.00
76) Chrysene-d12	22.001	240	183165	20.000	ng	0.00
86) Perylene-d12	25.550	264	207661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	274270	157.744	ng	0.00
7) Phenol-d6	7.418	99	396626	153.486	ng	0.00
23) Nitrobenzene-d5	9.498	82	224918	99.906	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	144231	156.973	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	526528	98.432	ng	0.00
79) Terphenyl-d14	20.262	244	936652	96.205	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.498	70	25292	15.279	ng	# 77
32) Benzoic acid	10.121	122	55	4.013	ng	# 1
51) 2,6-Dinitrotoluene	14.921	165	9948	8.015	ng	# 17
57) 2,4-Dinitrotoluene	14.921	165	9948	5.943	ng	# 19
67) 4-Bromophenyl-phenylether	16.414	248	8877	5.050	ng	# 1
77) Benzidine	20.256	184	13211	3.407	ng	# 89

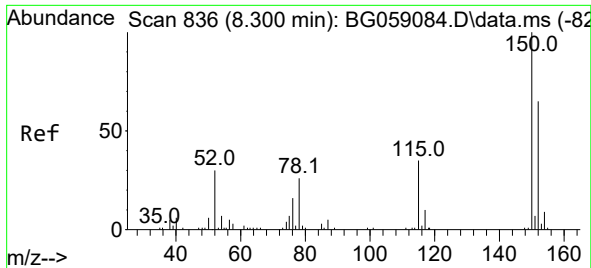
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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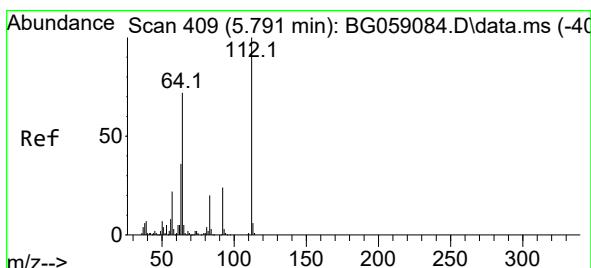
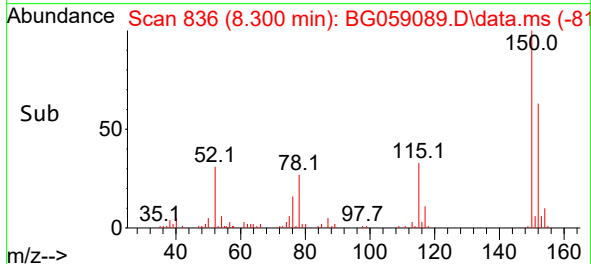
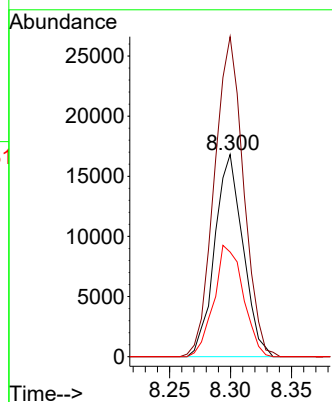
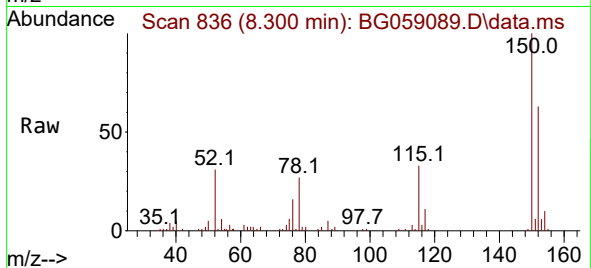




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

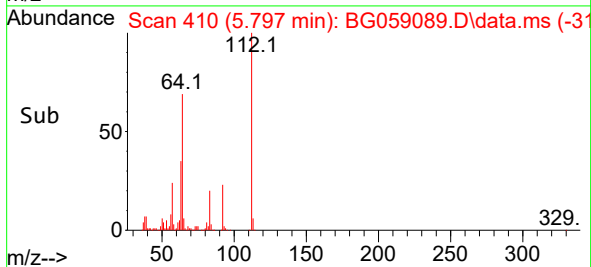
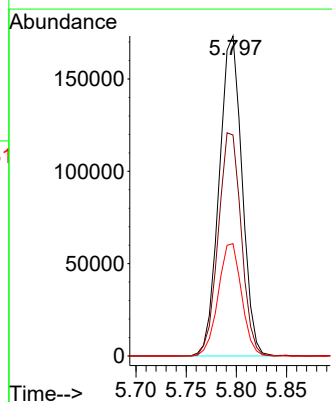
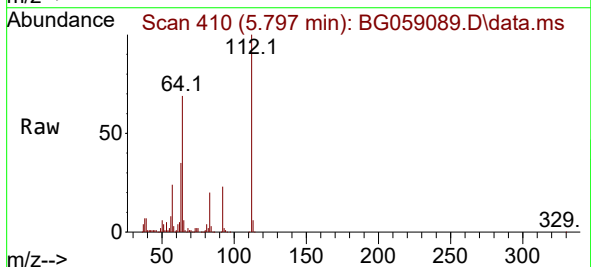
Instrument :
BNA_G
ClientSampleId :
PB155592BL

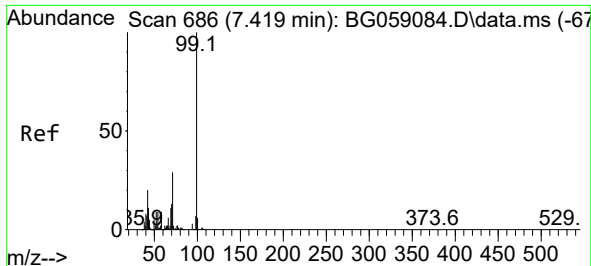
Tgt Ion:152 Resp: 27163
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 51.8 43.3 64.9



#5
2-Fluorophenol
Concen: 157.744 ng
RT: 5.797 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

Tgt Ion:112 Resp: 274270
Ion Ratio Lower Upper
112 100
64 69.1 57.5 86.3
63 35.1 28.7 43.1

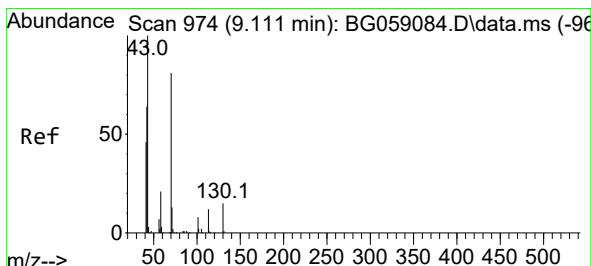
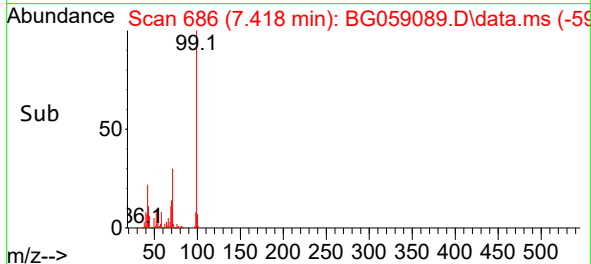
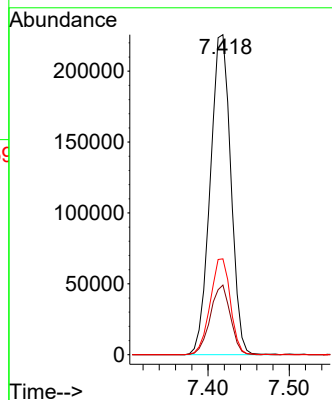
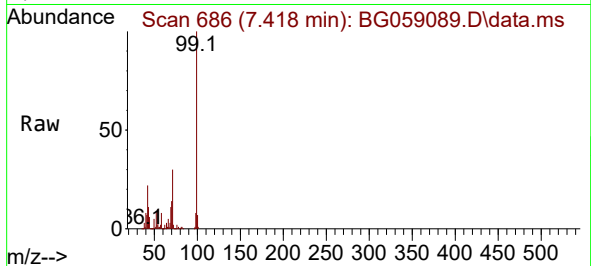




#7
Phenol-d6
Concen: 153.486 ng
RT: 7.418 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

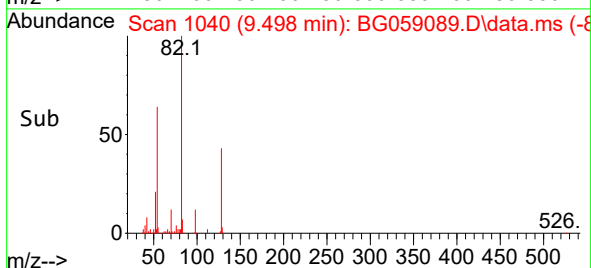
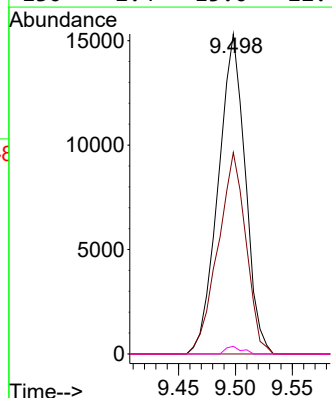
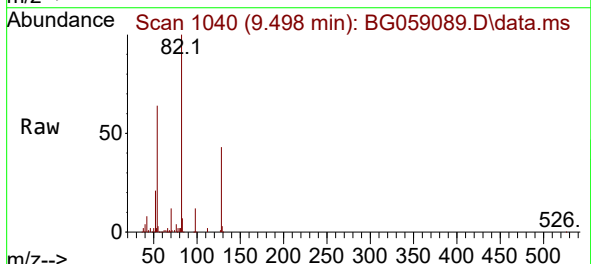
Instrument :
BNA_G
ClientSampleId :
PB155592BL

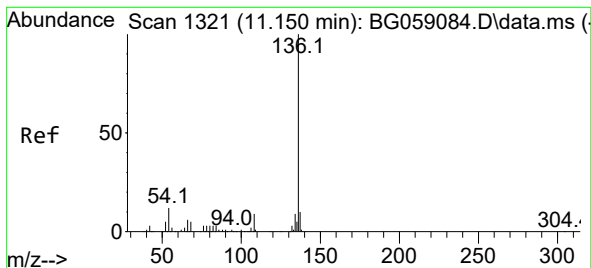
Tgt Ion: 99 Resp: 396626
Ion Ratio Lower Upper
99 100
42 21.8 16.4 24.6
71 29.9 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.279 ng
RT: 9.498 min Scan# 1040
Delta R.T. 0.387 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

Tgt Ion: 70 Resp: 25292
Ion Ratio Lower Upper
70 100
42 63.0 64.2 96.4#
101 0.0 7.6 11.4#
130 2.4 15.0 22.4#

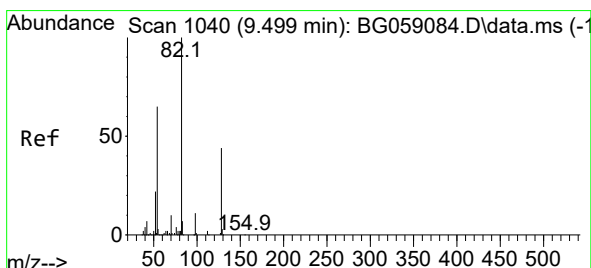
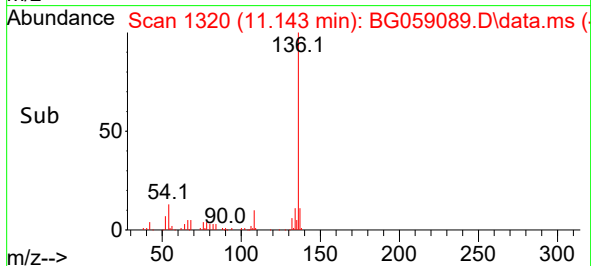
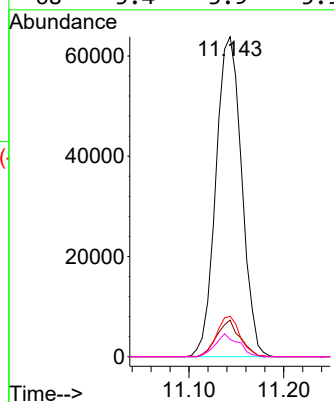
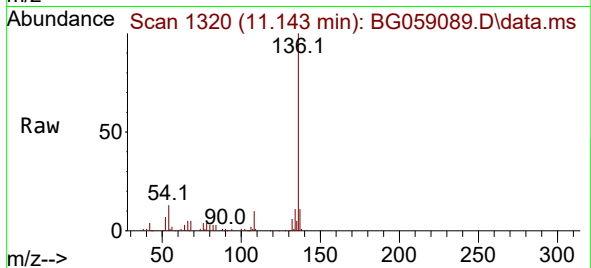




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.143 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

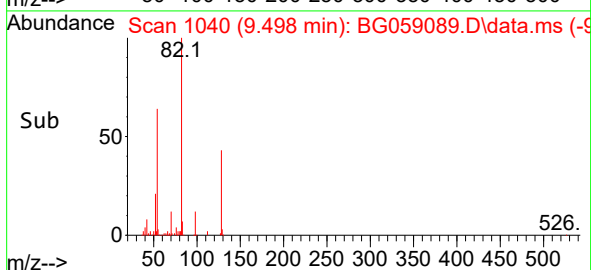
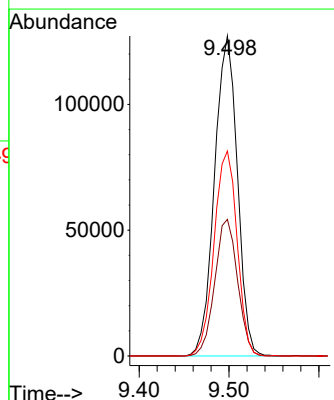
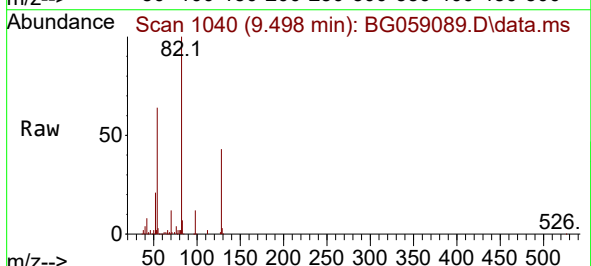
Instrument :
BNA_G
ClientSampleId :
PB155592BL

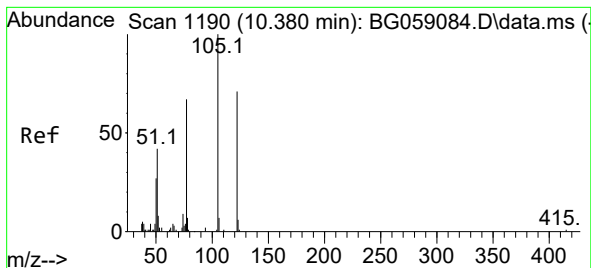
Tgt Ion:	136	Resp:	120403
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.1	12.1
54	12.7	9.4	14.2
68	5.4	3.9	5.9



#23
Nitrobenzene-d5
Concen: 99.906 ng
RT: 9.498 min Scan# 1040
Delta R.T. -0.001 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

Tgt Ion:	82	Resp:	224918
Ion Ratio	Lower	Upper	
82	100		
128	42.7	35.0	52.6
54	64.0	51.8	77.6

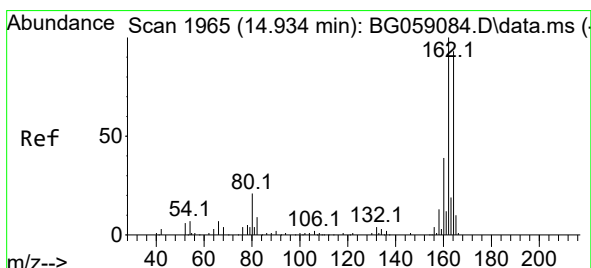
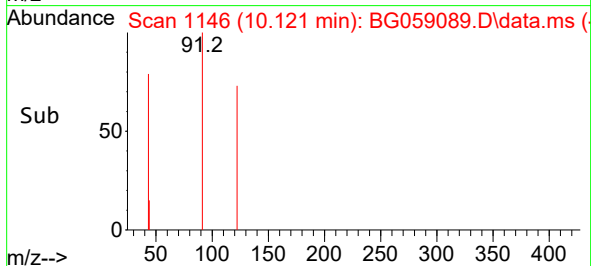
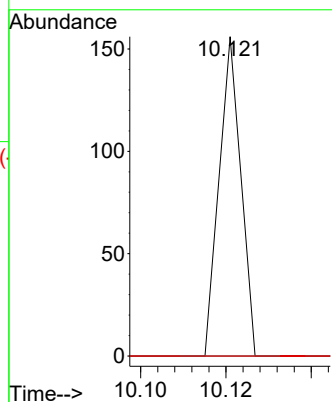
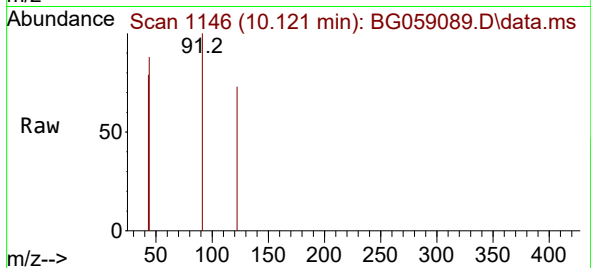




#32
Benzoic acid
Concen: 4.013 ng
RT: 10.121 min Scan# 1190
Delta R.T. -0.259 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

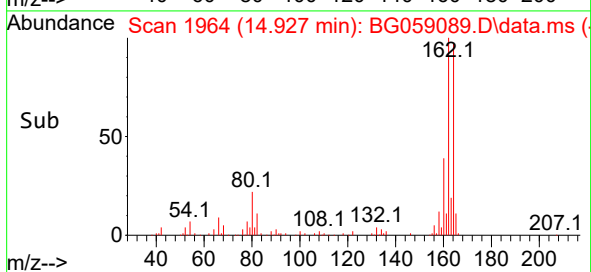
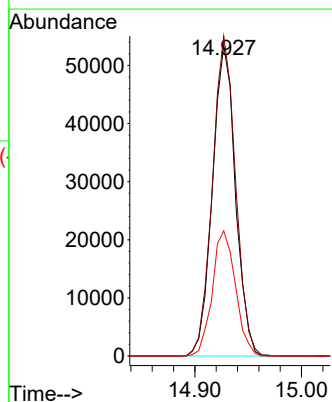
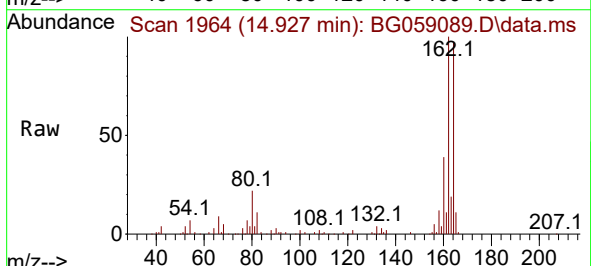
Instrument :
BNA_G
ClientSampleId :
PB155592BL

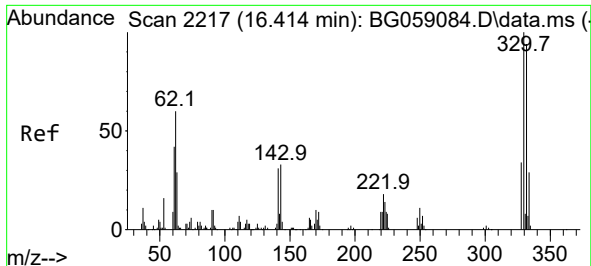
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 0.0 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.927 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

Tgt Ion:164 Resp: 79871
Ion Ratio Lower Upper
164 100
162 103.0 86.2 129.4
160 40.3 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 156.973 ng

RT: 16.414 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059089.D

Acq: 18 Sep 2023 18:13

Instrument :

BNA_G

ClientSampleId :

PB155592BL

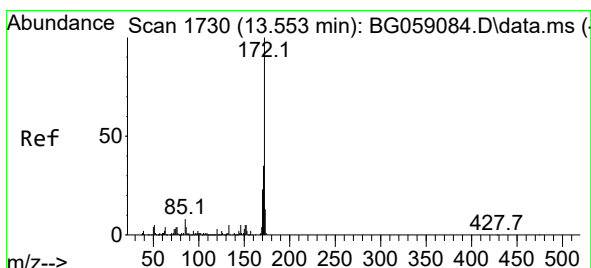
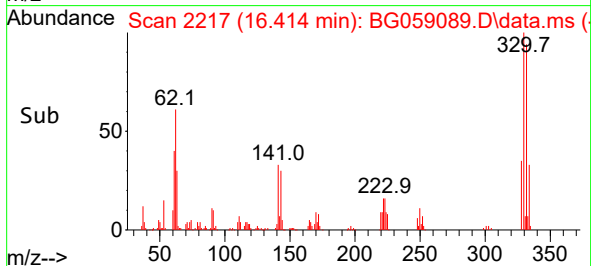
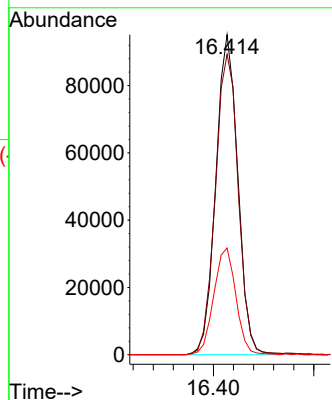
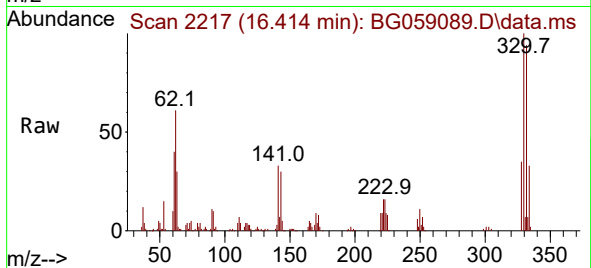
Tgt Ion:330 Resp: 144231

Ion Ratio Lower Upper

330 100

332 98.0 76.7 115.1

141 33.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 98.432 ng

RT: 13.552 min Scan# 1730

Delta R.T. -0.001 min

Lab File: BG059089.D

Acq: 18 Sep 2023 18:13

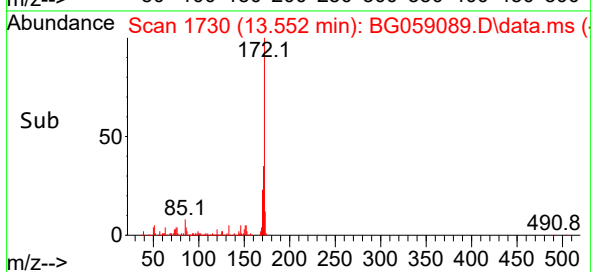
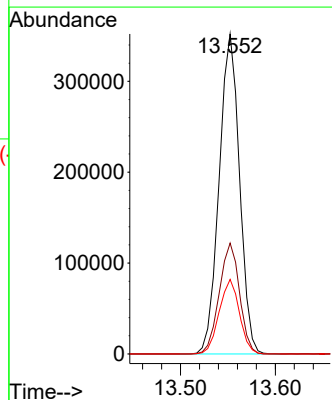
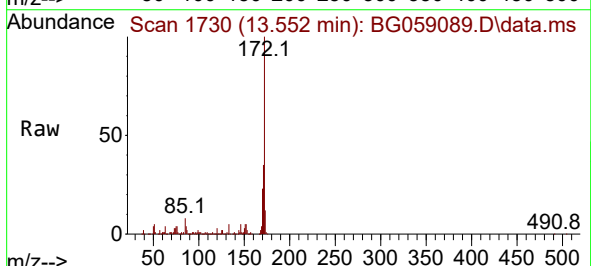
Tgt Ion:172 Resp: 526528

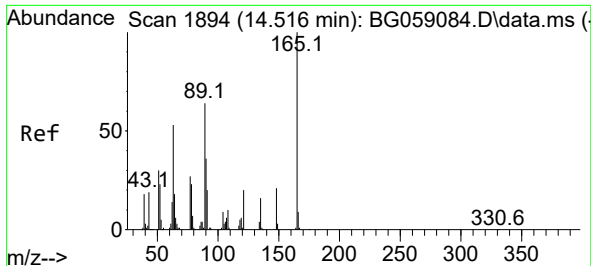
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.3 18.4 27.6

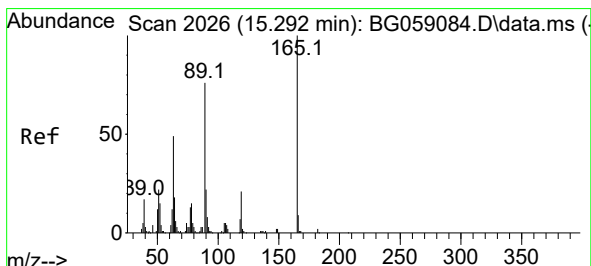
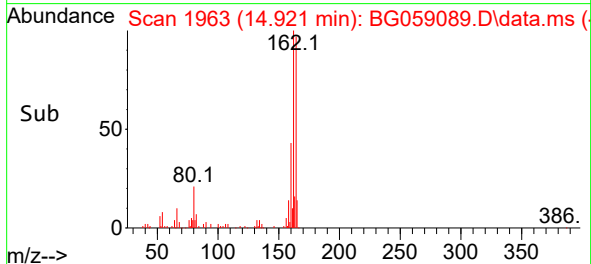
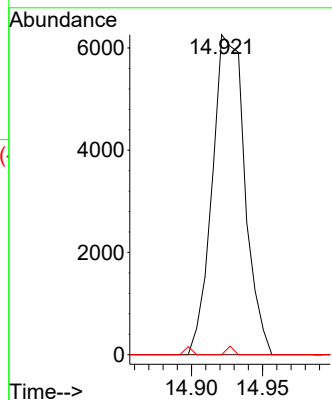
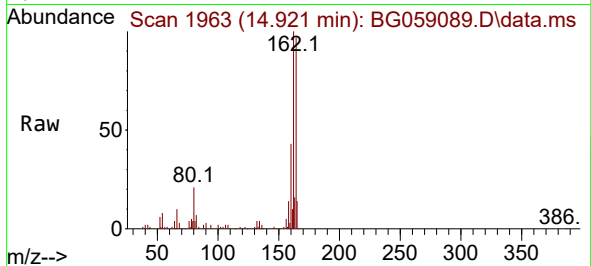




#51
2,6-Dinitrotoluene
Concen: 8.015 ng
RT: 14.921 min Scan# 1963
Delta R.T. 0.405 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

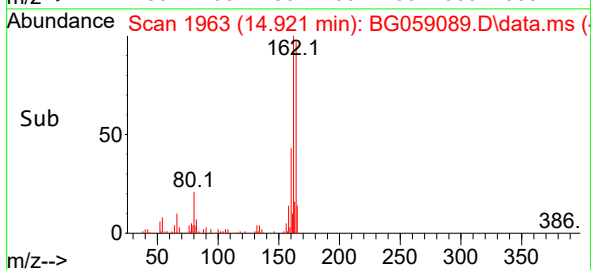
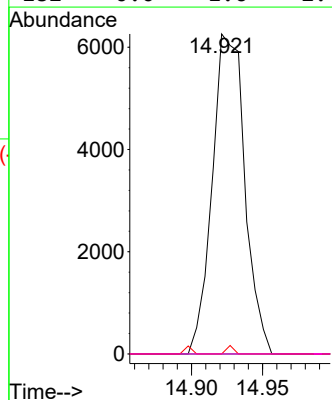
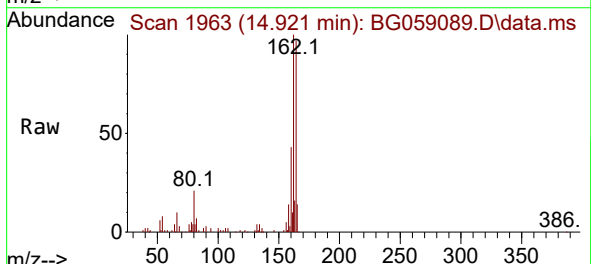
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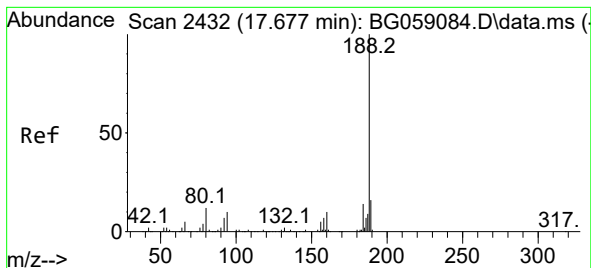
Tgt Ion:165 Resp: 9948
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.4 77.0#



#57
2,4-Dinitrotoluene
Concen: 5.943 ng
RT: 14.921 min Scan# 1963
Delta R.T. -0.371 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

Tgt Ion:165 Resp: 9948
Ion Ratio Lower Upper
165 100
63 0.0 38.9 58.3#
89 0.0 60.7 91.1#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.677 min Scan# 2432

Delta R.T. -0.001 min

Lab File: BG059089.D

Acq: 18 Sep 2023 18:13

Instrument :

BNA_G

ClientSampleId :

PB155592BL

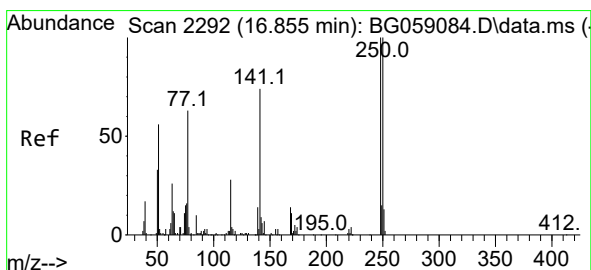
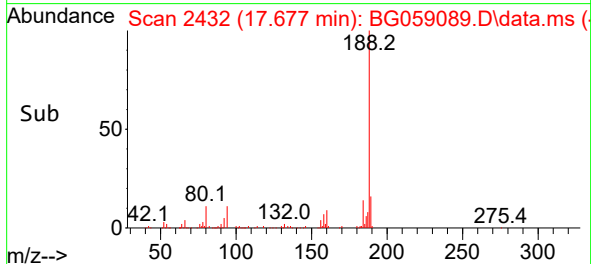
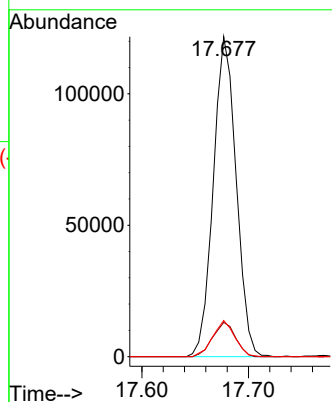
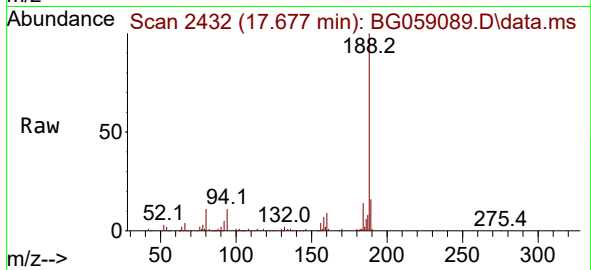
Tgt Ion:188 Resp: 181331

Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.8

80 11.3 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 5.050 ng

RT: 16.414 min Scan# 2217

Delta R.T. -0.441 min

Lab File: BG059089.D

Acq: 18 Sep 2023 18:13

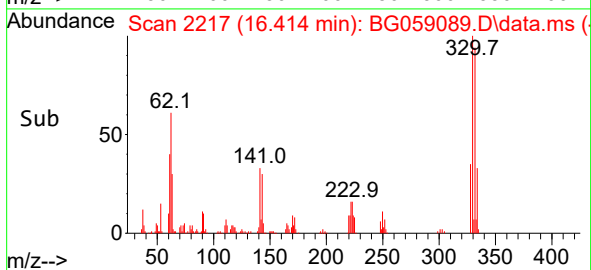
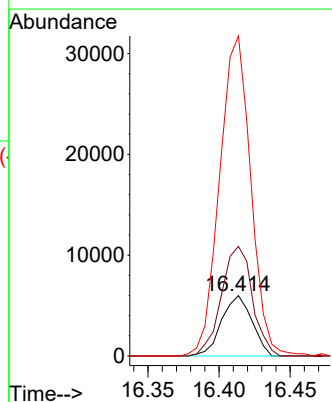
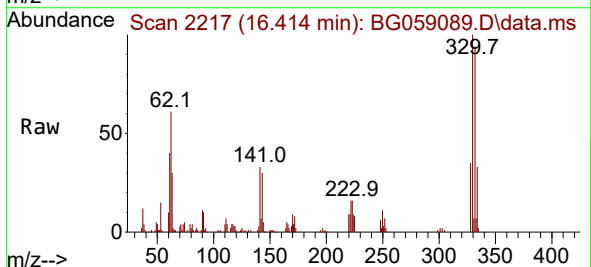
Tgt Ion:248 Resp: 8877

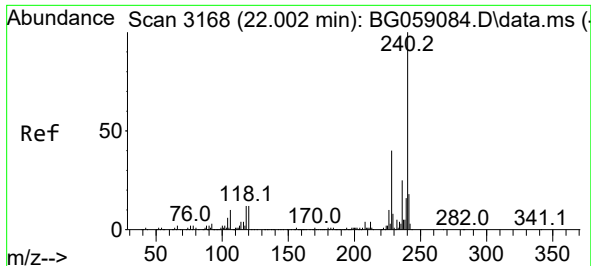
Ion Ratio Lower Upper

248 100

250 181.6 79.8 119.6#

141 530.4 59.1 88.7#

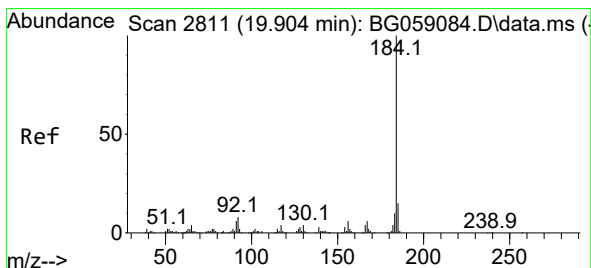
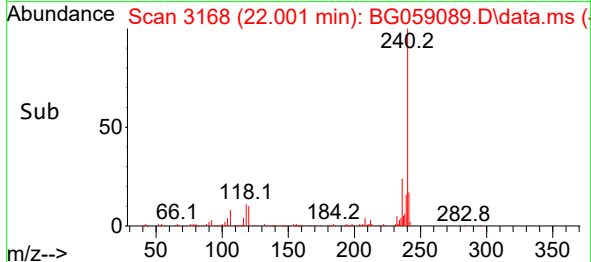
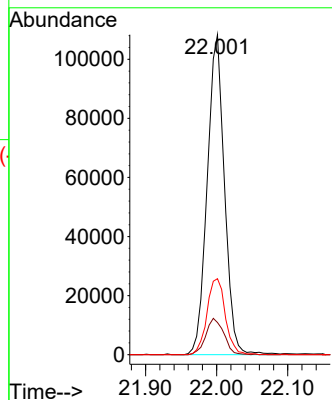
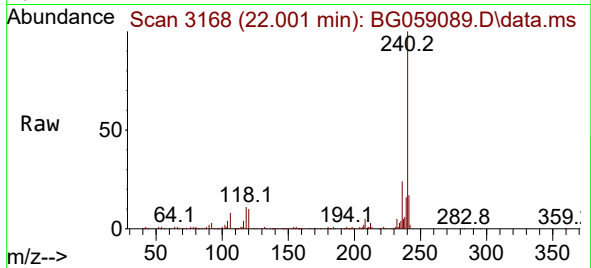




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3168
Delta R.T. -0.001 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

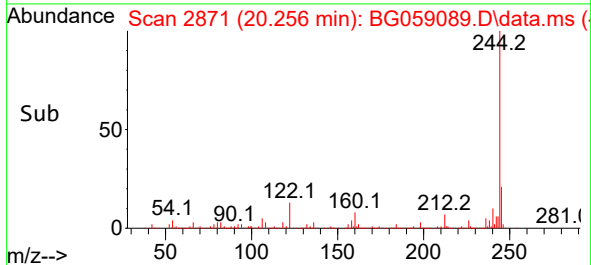
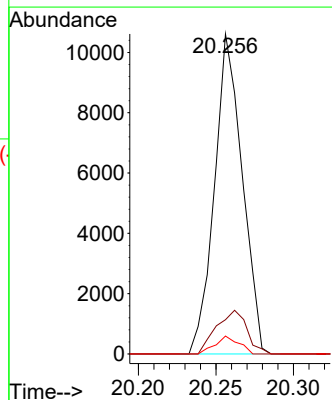
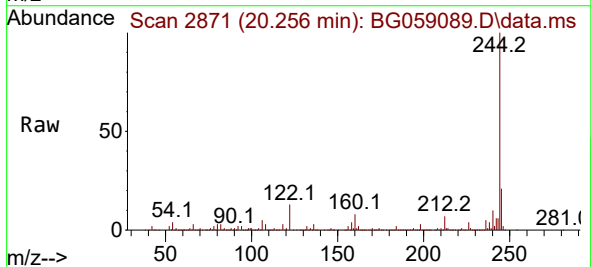
Instrument :
BNA_G
ClientSampleId :
PB155592BL

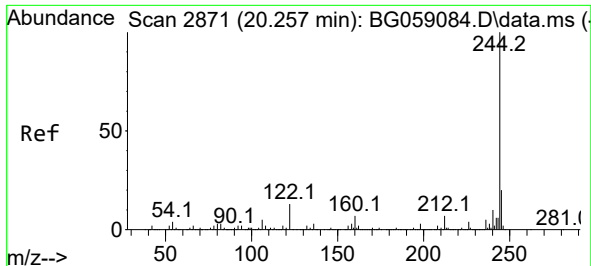
Tgt Ion:240 Resp: 183165
Ion Ratio Lower Upper
240 100
120 10.0 9.8 14.8
236 23.8 20.2 30.2



#77
Benzidine
Concen: 3.407 ng
RT: 20.256 min Scan# 2871
Delta R.T. 0.352 min
Lab File: BG059089.D
Acq: 18 Sep 2023 18:13

Tgt Ion:184 Resp: 13211
Ion Ratio Lower Upper
184 100
185 10.7 11.7 17.5#
183 5.6 8.4 12.6#

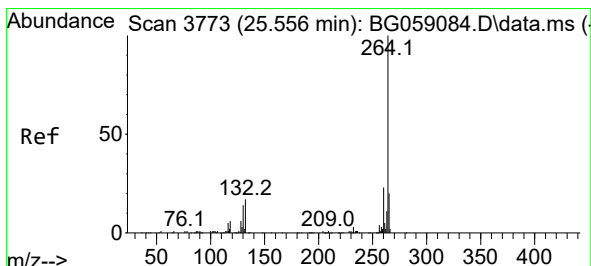
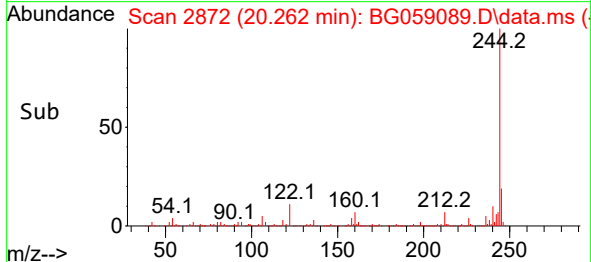
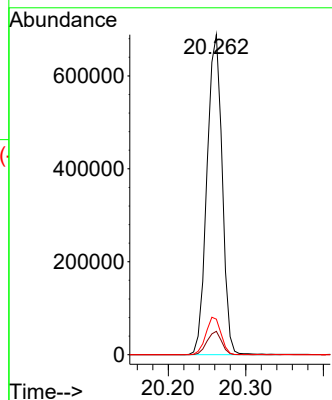
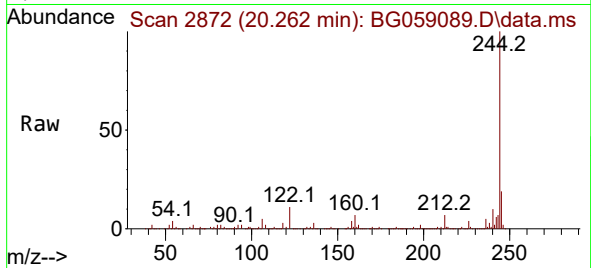




#79
 Terphenyl-d14
 Concen: 96.205 ng
 RT: 20.262 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG059089.D
 Acq: 18 Sep 2023 18:13

Instrument :
 BNA_G
 ClientSampleId :
 PB155592BL

Tgt Ion:244 Resp: 936652
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.3 7.9
 122 11.1 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.550 min Scan# 3772
 Delta R.T. -0.006 min
 Lab File: BG059089.D
 Acq: 18 Sep 2023 18:13

Tgt Ion:264 Resp: 207661
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.5 27.7
 265 22.3 15.9 23.9

