

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056074.D
 Acq On : 23 Dec 2022 10:26
 Operator : CG/JU
 Sample : PB149728BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149728BL

Quant Time: Dec 24 00:02:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

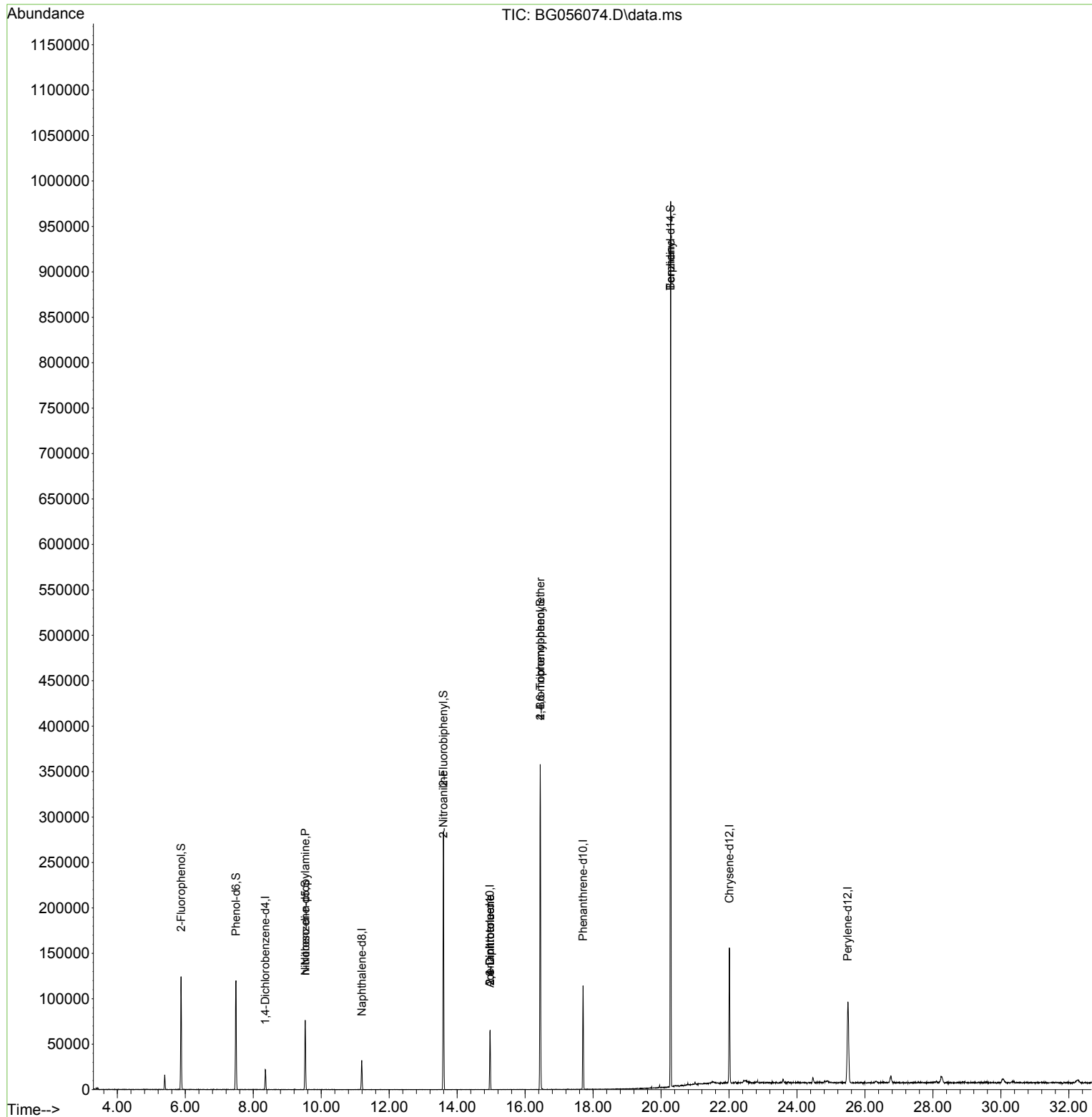
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	7428	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	27965	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	26781	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	85118	20.000	ng	# 0.00
76) Chrysene-d12	22.007	240	110369	20.000	ng	# 0.00
86) Perylene-d12	25.491	264	118172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	49337	155.767	ng	0.00
7) Phenol-d6	7.489	99	60229	147.850	ng	0.00
23) Nitrobenzene-d5	9.528	82	39897	99.699	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	96927	150.095	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	151364	79.267	ng	0.00
79) Terphenyl-d14	20.280	244	526950	84.383	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.528	70	6084	20.836	ng	# 62
48) 2-Nitroaniline	13.588	65	124	3.216	ng	# 1
51) 2,6-Dinitrotoluene	14.968	165	3368	9.400	ng	# 25
57) 2,4-Dinitrotoluene	14.968	165	3368	6.227	ng	# 35
67) 4-Bromophenyl-phenylether	16.443	248	5301	4.250	ng	# 1
77) Benzidine	20.280	184	7741	3.994	ng	# 90

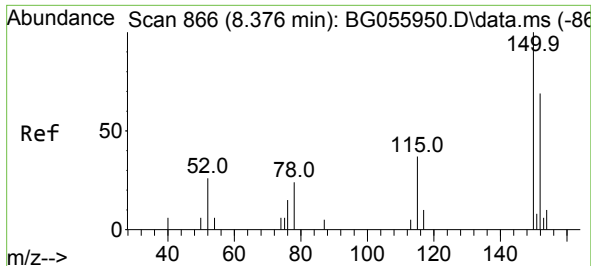
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056074.D
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Operator : CG/JU
Sample : PB149728BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
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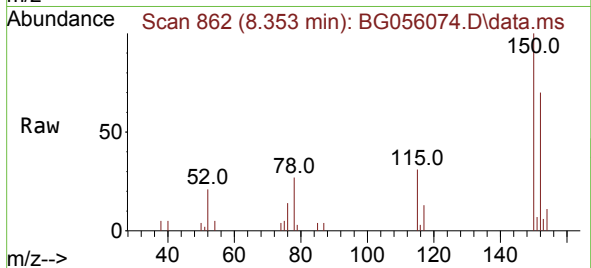
Quant Time: Dec 24 00:02:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration



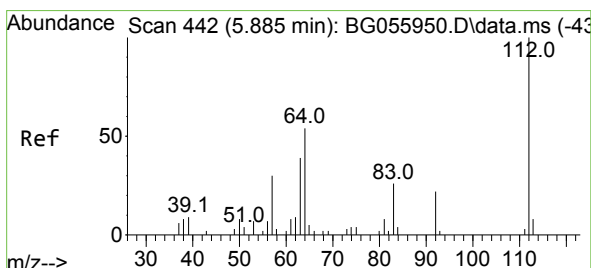
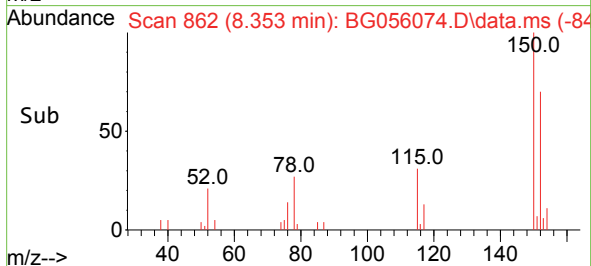
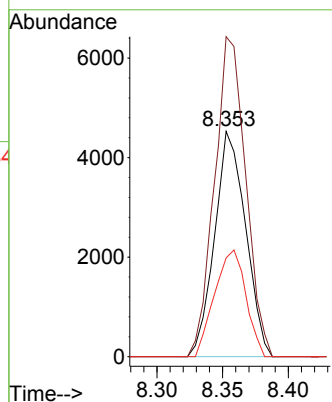


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.353 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

Instrument :
BNA_G
ClientSampleId :
PB149728BL

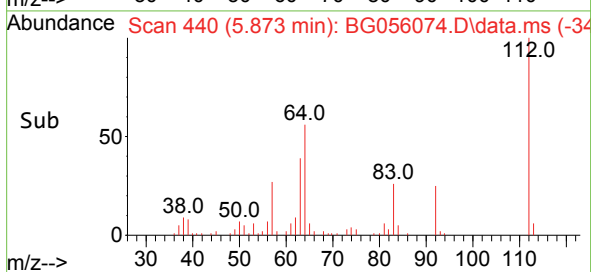
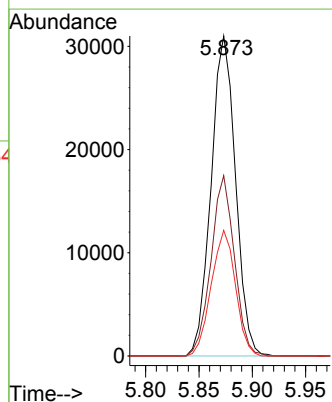
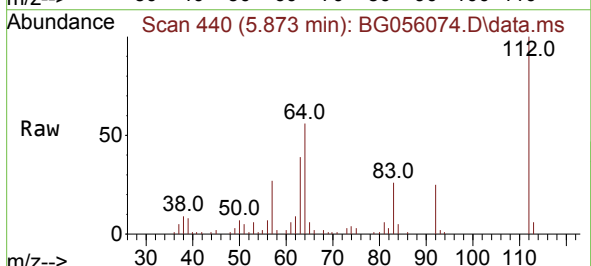


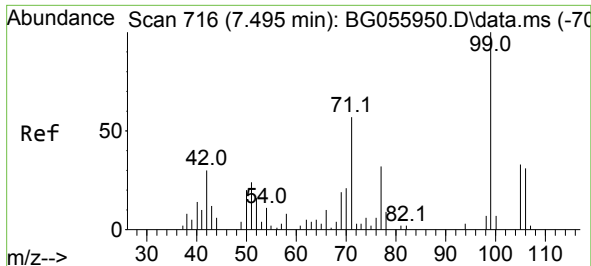
Tgt Ion:152 Resp: 7428
Ion Ratio Lower Upper
152 100
150 142.0 115.7 173.5
115 43.8 43.0 64.4



#5
2-Fluorophenol
Concen: 155.767 ng
RT: 5.873 min Scan# 440
Delta R.T. 0.006 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

Tgt Ion:112 Resp: 49337
Ion Ratio Lower Upper
112 100
64 56.4 43.0 64.4
63 39.3 31.4 47.2

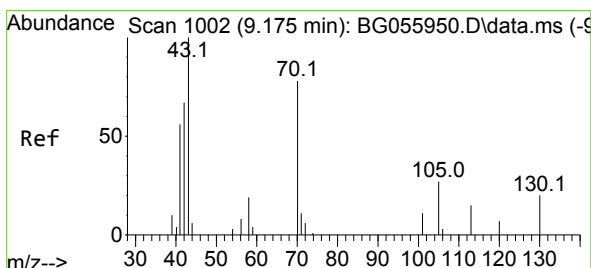
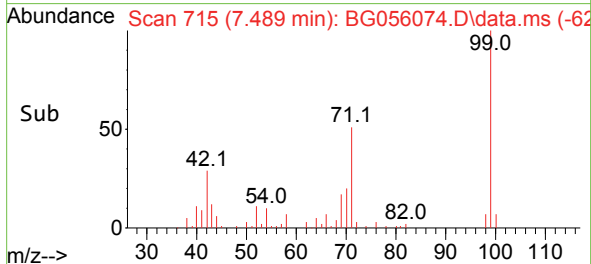
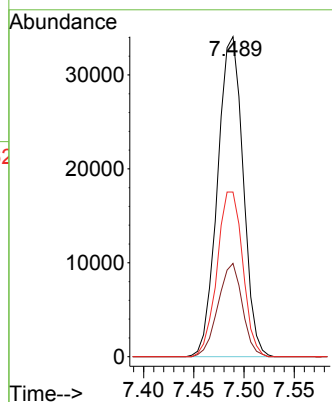
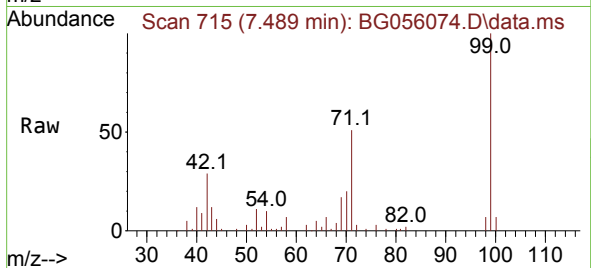




#7
Phenol-d6
Concen: 147.850 ng
RT: 7.489 min Scan# 716
Delta R.T. 0.005 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

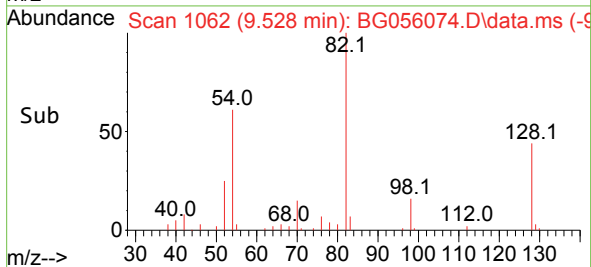
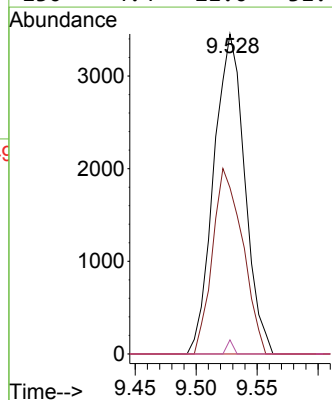
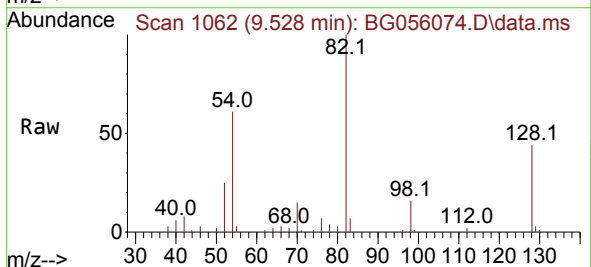
Instrument :
BNA_G
ClientSampleId :
PB149728BL

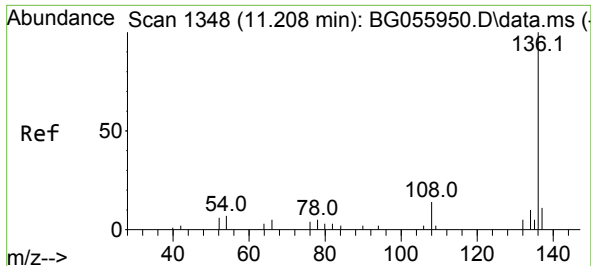
Tgt Ion: 99 Resp: 60229
Ion Ratio Lower Upper
99 100
42 29.1 24.3 36.5
71 51.4 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.836 ng
RT: 9.528 min Scan# 1062
Delta R.T. 0.370 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

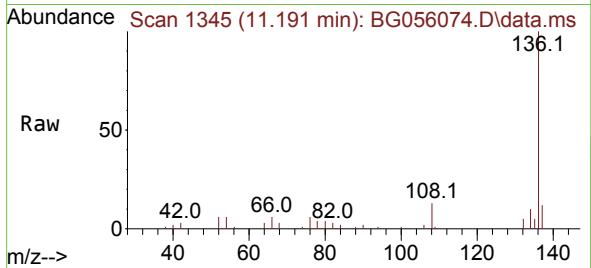
Tgt Ion: 70 Resp: 6084
Ion Ratio Lower Upper
70 100
42 51.9 69.0 103.4#
101 0.0 11.8 17.8#
130 4.4 21.0 31.4#



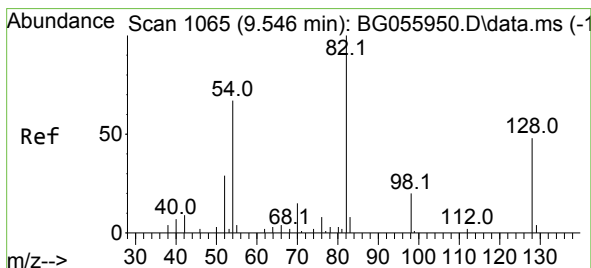
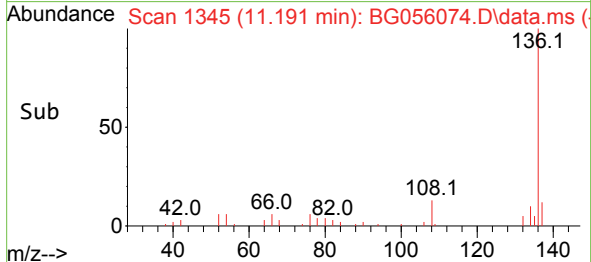
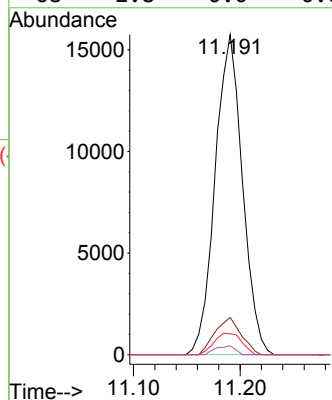


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

Instrument :
BNA_G
ClientSampleId :
PB149728BL

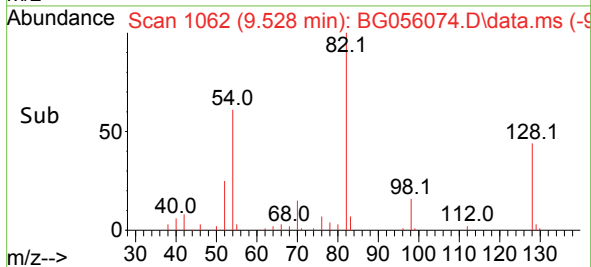
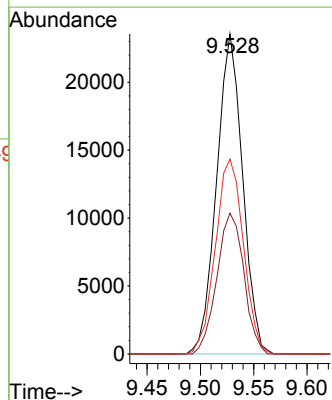
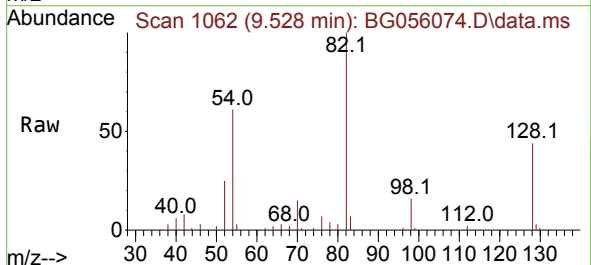


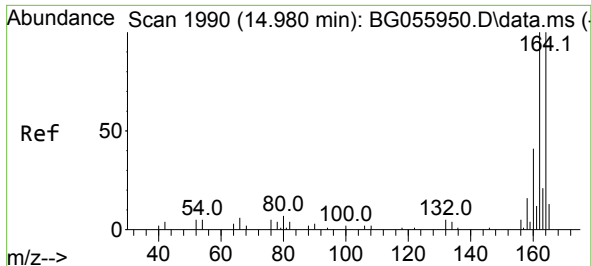
Tgt Ion:136 Resp: 27965
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 6.5 5.6 8.4
68 2.8 0.0 0.0#



#23
Nitrobenzene-d5
Concen: 99.699 ng
RT: 9.528 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

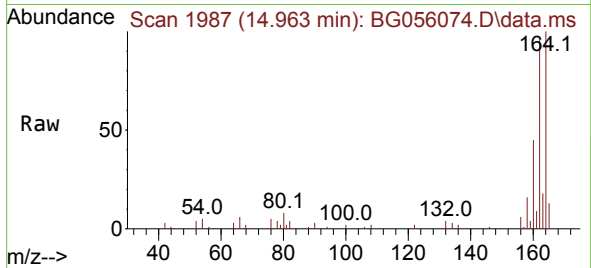
Tgt Ion: 82 Resp: 39897
Ion Ratio Lower Upper
82 100
128 44.0 38.4 57.6
54 60.9 53.3 79.9



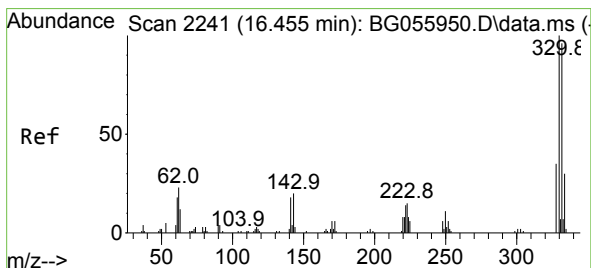
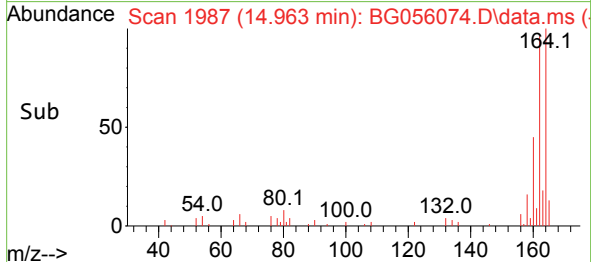
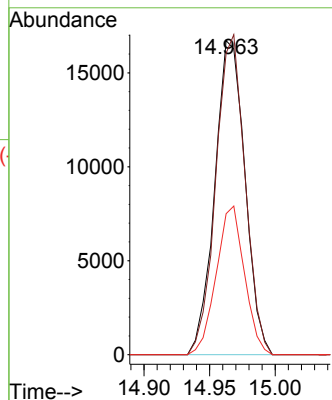


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

Instrument :
BNA_G
ClientSampleId :
PB149728BL

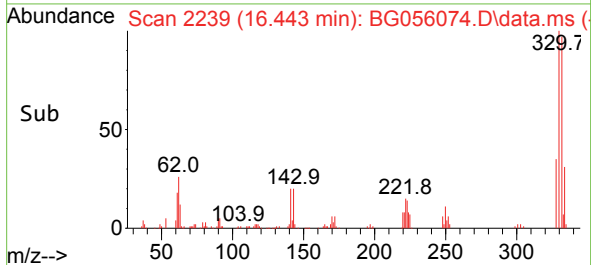
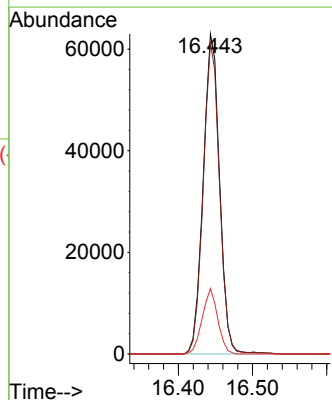
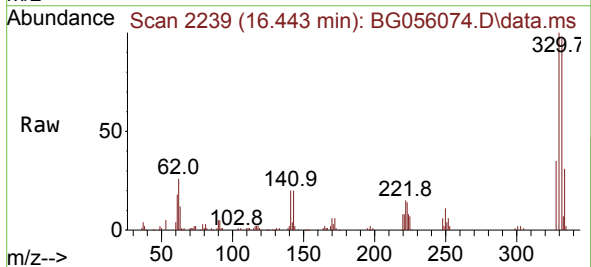


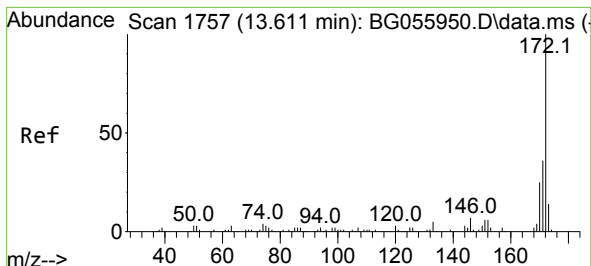
Tgt Ion:164 Resp: 26781
Ion Ratio Lower Upper
164 100
162 95.9 79.8 119.8
160 44.9 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 150.095 ng
RT: 16.443 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

Tgt Ion:330 Resp: 96927
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 19.3 15.0 22.4

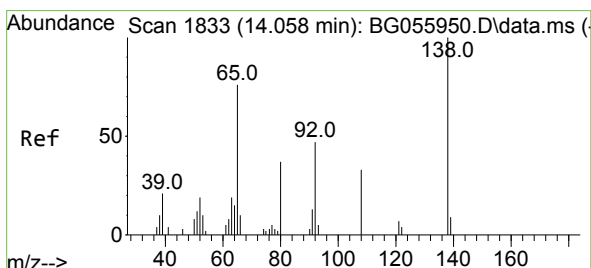
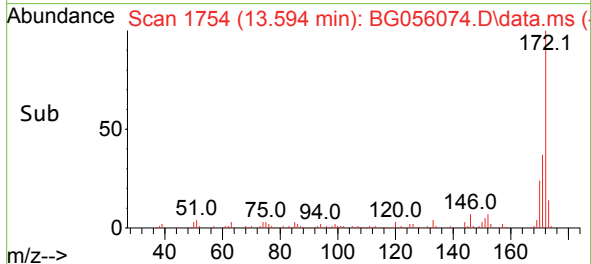
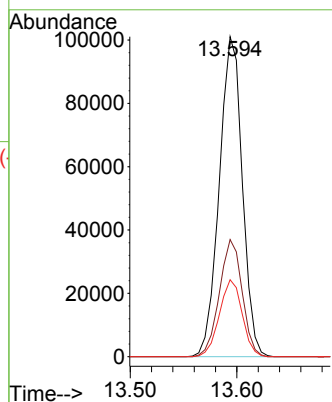
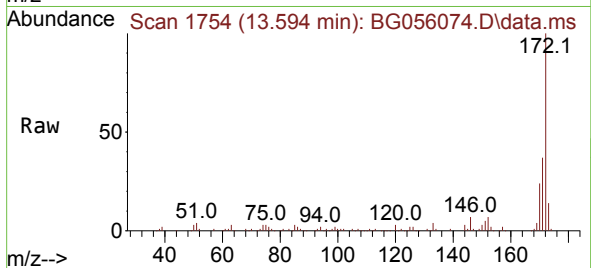




#45
2-Fluorobiphenyl
Concen: 79.267 ng
RT: 13.594 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

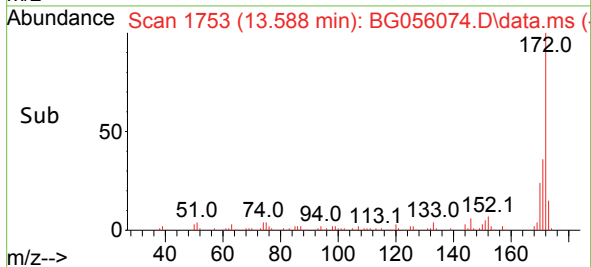
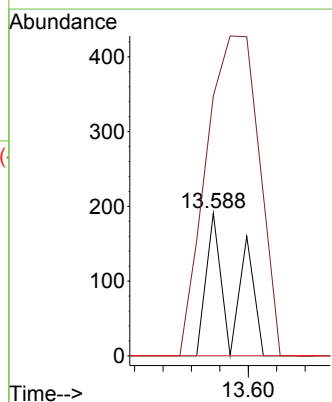
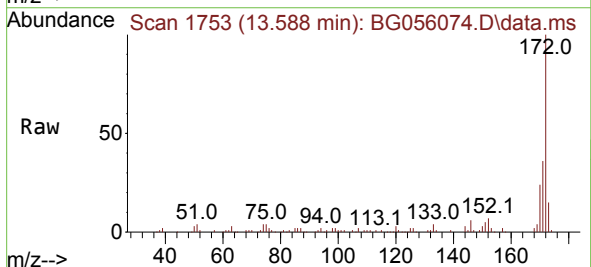
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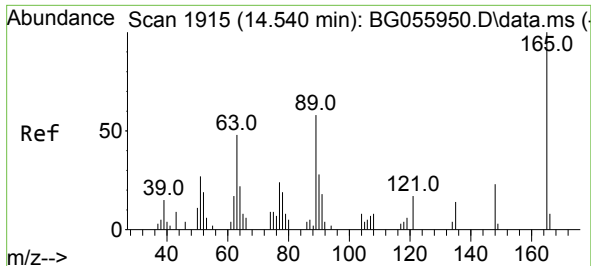
Tgt Ion:172 Resp: 151364
Ion Ratio Lower Upper
172 100
171 36.6 28.6 42.8
170 24.0 19.9 29.9



#48
2-Nitroaniline
Concen: 3.216 ng
RT: 13.588 min Scan# 1753
Delta R.T. -0.459 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

Tgt Ion: 65 Resp: 124
Ion Ratio Lower Upper
65 100
92 182.2 49.7 74.5#
138 0.0 105.0 157.6#

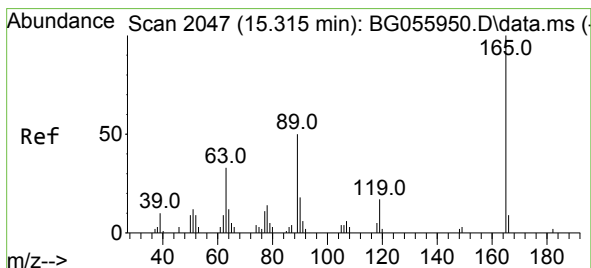
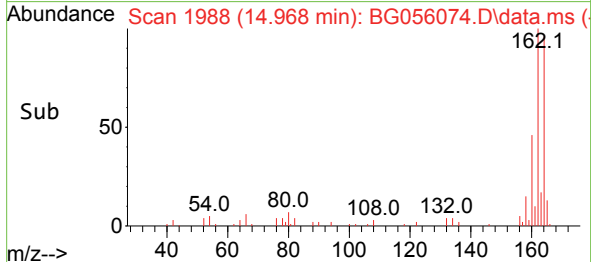
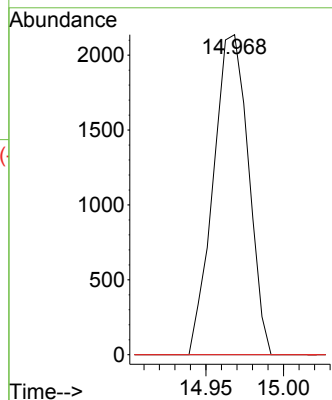
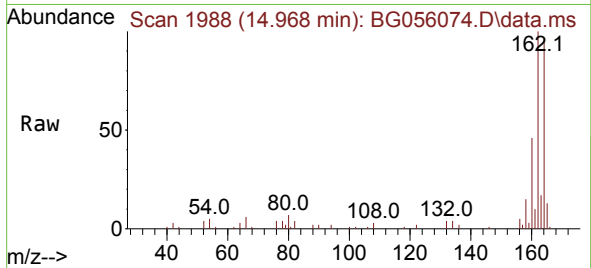




#51
2,6-Dinitrotoluene
Concen: 9.400 ng
RT: 14.968 min Scan# 1915
Delta R.T. 0.440 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

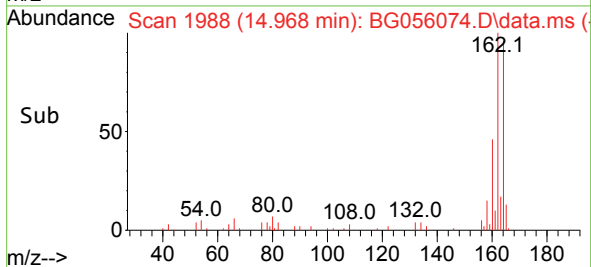
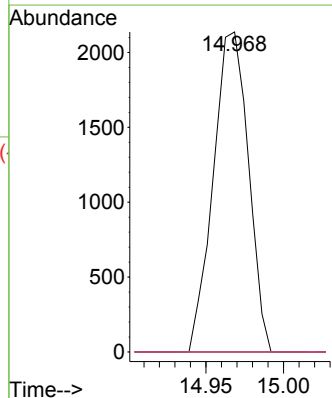
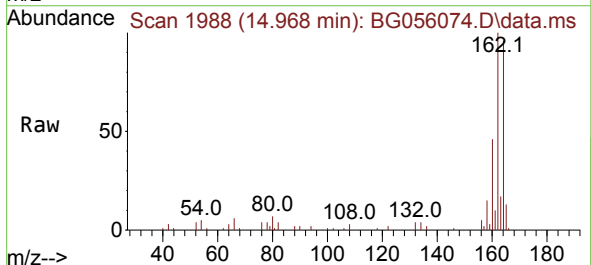
Instrument :
BNA_G
ClientSampleId :
PB149728BL

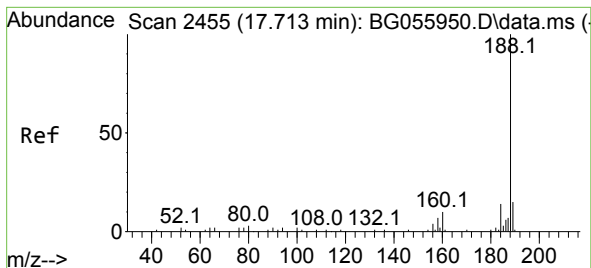
Tgt Ion:165 Resp: 3368
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.227 ng
RT: 14.968 min Scan# 1988
Delta R.T. -0.347 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

Tgt Ion:165 Resp: 3368
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BG056074.D

Acq: 23 Dec 2022 10:26

Instrument :

BNA_G

ClientSampleId :

PB149728BL

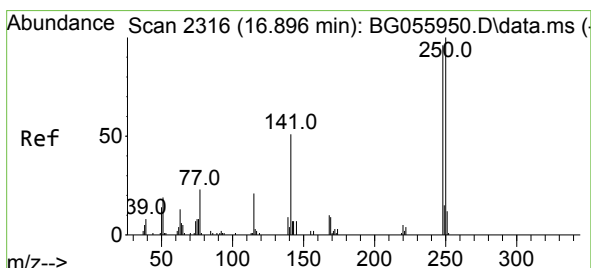
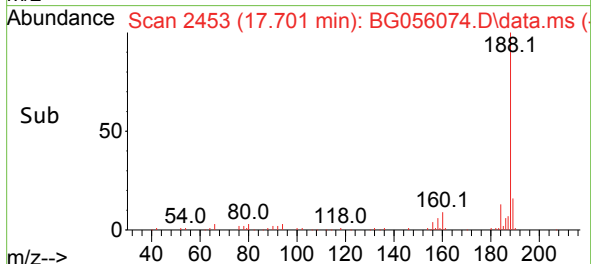
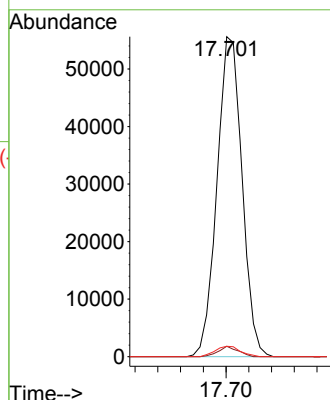
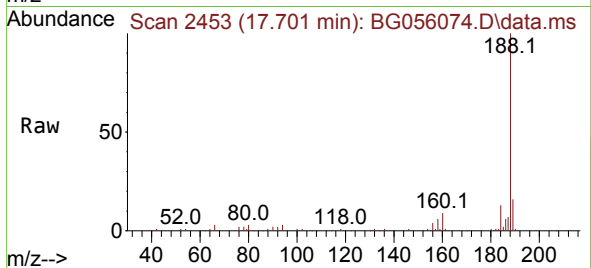
Tgt Ion:188 Resp: 85118

Ion Ratio Lower Upper

188 100

94 3.2 1.8 2.8#

80 3.3 2.4 3.6



#67

4-Bromophenyl-phenylether

Concen: 4.250 ng

RT: 16.443 min Scan# 2239

Delta R.T. -0.441 min

Lab File: BG056074.D

Acq: 23 Dec 2022 10:26

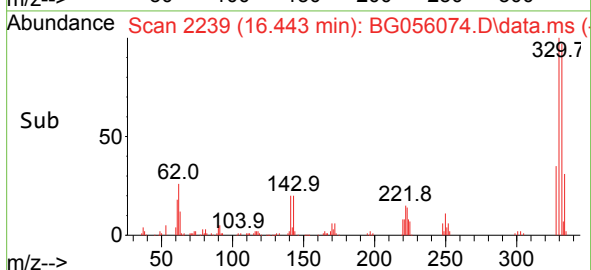
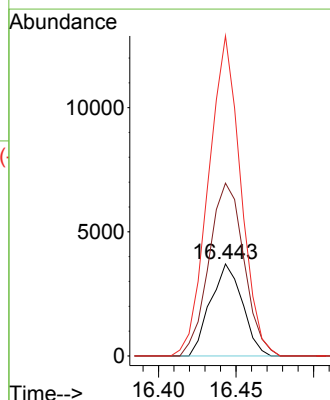
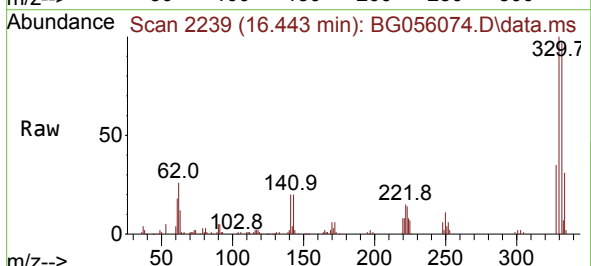
Tgt Ion:248 Resp: 5301

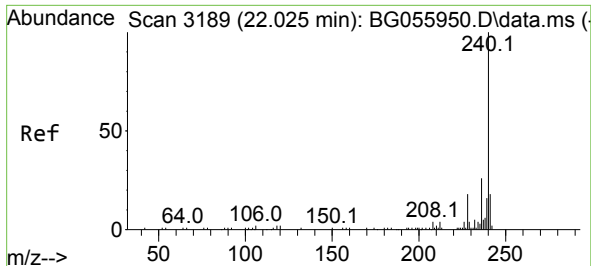
Ion Ratio Lower Upper

248 100

250 187.9 83.0 124.6#

141 348.0 42.6 64.0#

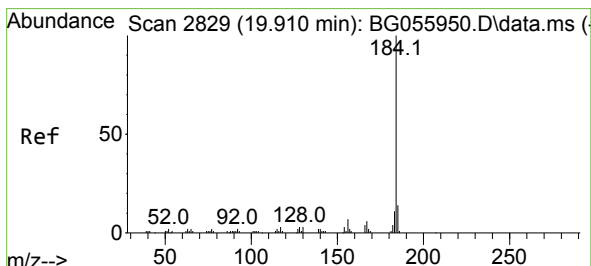
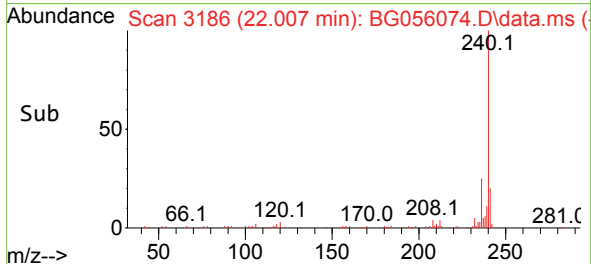
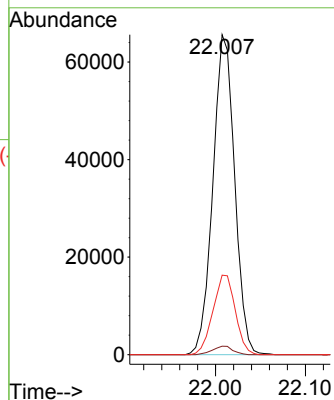
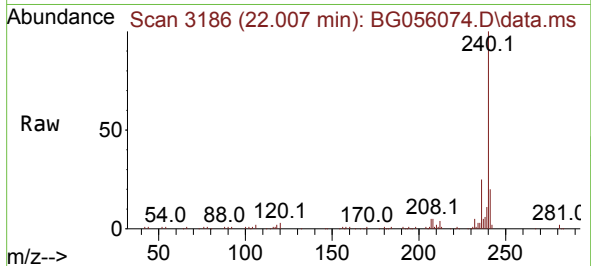




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

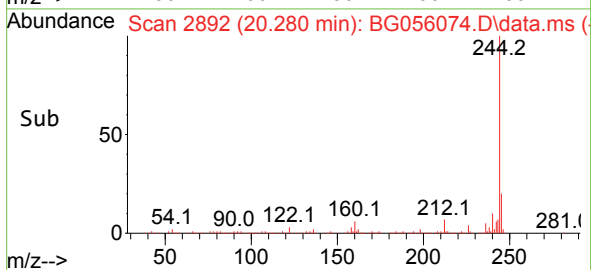
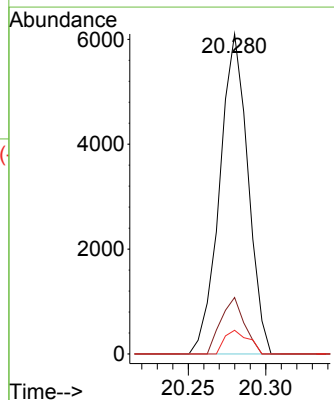
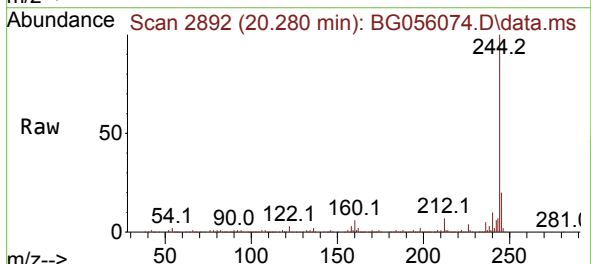
Instrument :
BNA_G
ClientSampleId :
PB149728BL

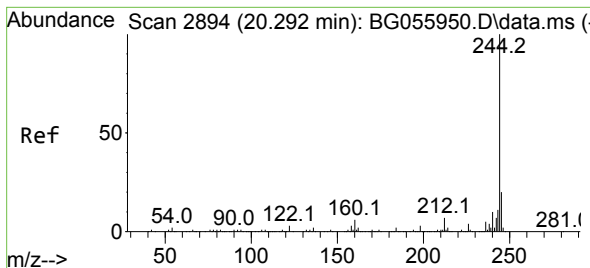
Tgt Ion:240 Resp: 110369
Ion Ratio Lower Upper
240 100
120 2.7 1.7 2.5#
236 24.9 21.1 31.7



#77
Benzidine
Concen: 3.994 ng
RT: 20.280 min Scan# 2892
Delta R.T. 0.382 min
Lab File: BG056074.D
Acq: 23 Dec 2022 10:26

Tgt Ion:184 Resp: 7741
Ion Ratio Lower Upper
184 100
185 17.6 10.9 16.3#
183 7.4 9.2 13.8#





#79

Terphenyl-d14

Concen: 84.383 ng

RT: 20.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG056074.D

Acq: 23 Dec 2022 10:26

Instrument :

BNA_G

ClientSampleId :

PB149728BL

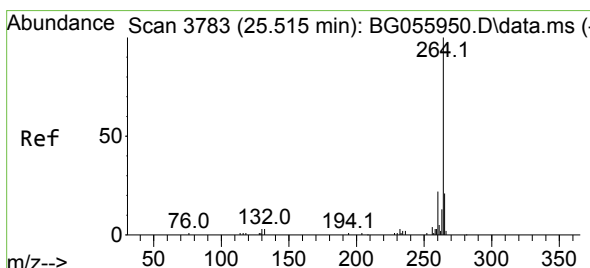
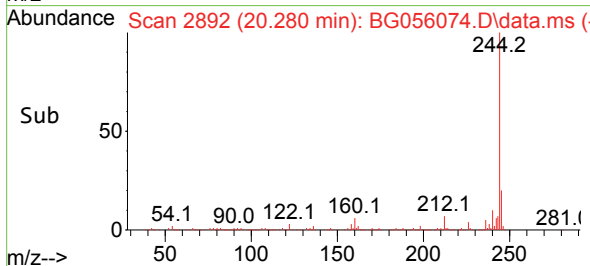
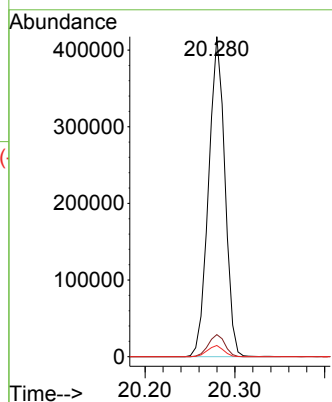
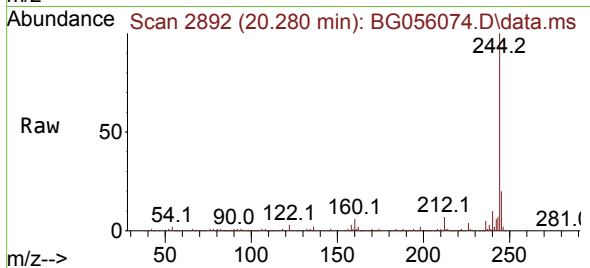
Tgt Ion:244 Resp: 526950

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 3.5 2.5 3.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.491 min Scan# 3779

Delta R.T. -0.000 min

Lab File: BG056074.D

Acq: 23 Dec 2022 10:26

Tgt Ion:264 Resp: 118172

Ion Ratio Lower Upper

264 100

260 22.7 17.8 26.8

265 21.6 16.6 25.0

