

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056075.D
 Acq On : 23 Dec 2022 11:54
 Operator : CG/JU
 Sample : PB149631BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149631BL

Quant Time: Dec 24 00:02:57 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)

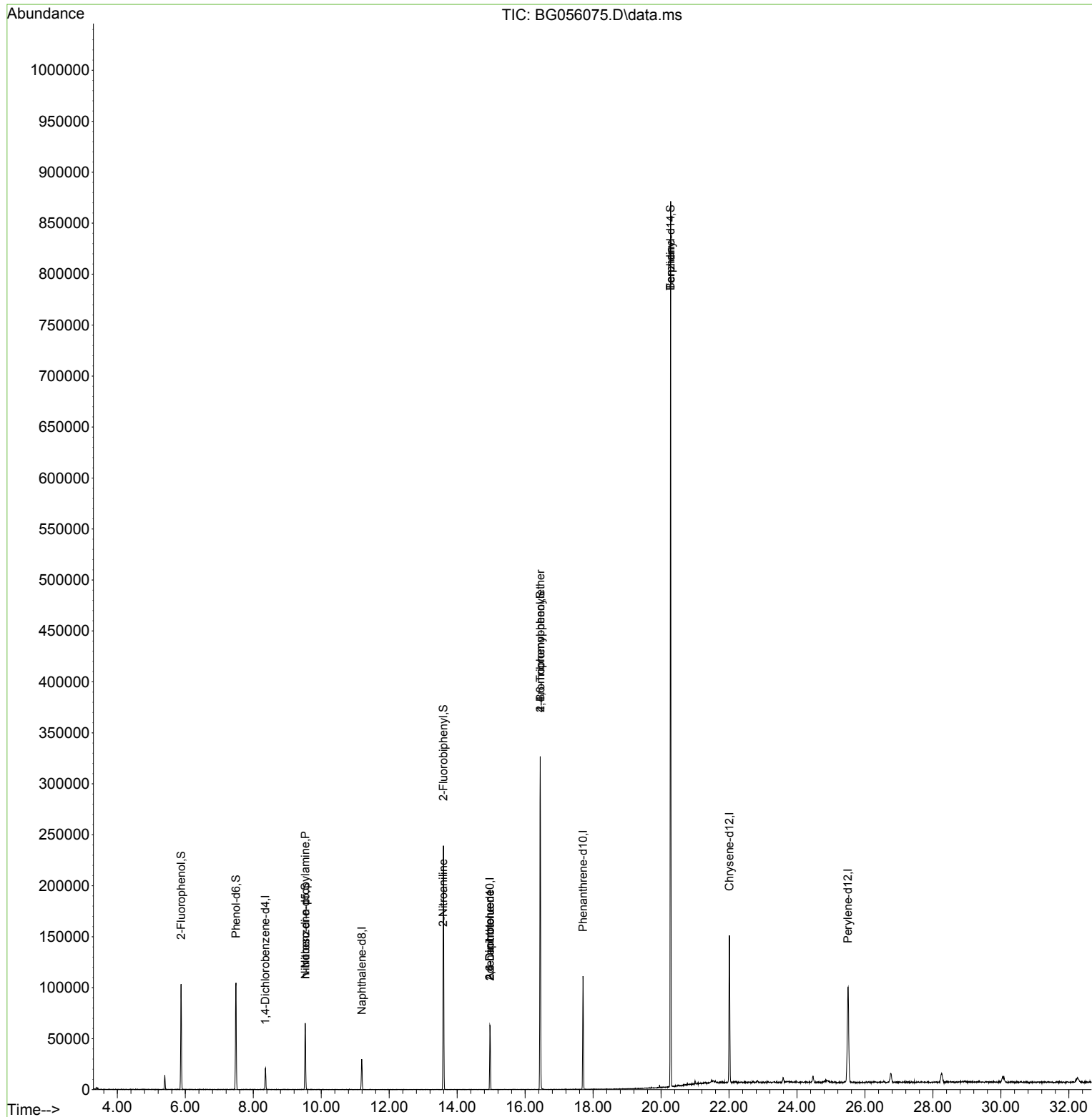
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	6864	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	26782	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	25994	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	82422	20.000	ng	0.00
76) Chrysene-d12	22.008	240	111640	20.000	ng	0.00
86) Perylene-d12	25.498	264	120174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.874	112	42135	143.960	ng	0.00
7) Phenol-d6	7.489	99	51738	137.442	ng	0.00
23) Nitrobenzene-d5	9.528	82	34453	89.898	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	83685	133.513	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	130911	70.632	ng	0.00
79) Terphenyl-d14	20.280	244	476439	75.426	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.528	70	5140	19.049	ng	# 65
48) 2-Nitroaniline	13.582	65	117	3.205	ng	# 5
51) 2,6-Dinitrotoluene	14.963	165	3344	9.615	ng	# 25
57) 2,4-Dinitrotoluene	14.963	165	3344	6.370	ng	# 35
67) 4-Bromophenyl-phenylether	16.444	248	4725	3.912	ng	# 1
77) Benzidine	20.280	184	6814	3.475	ng	# 94

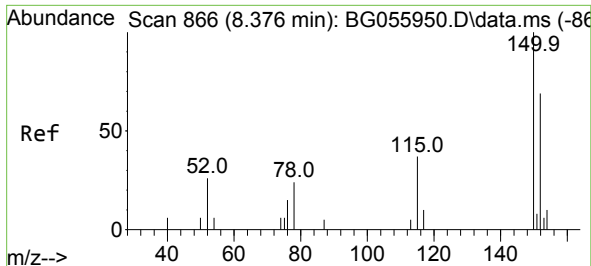
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
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QLast Update : Fri Dec 23 05:09:54 2022
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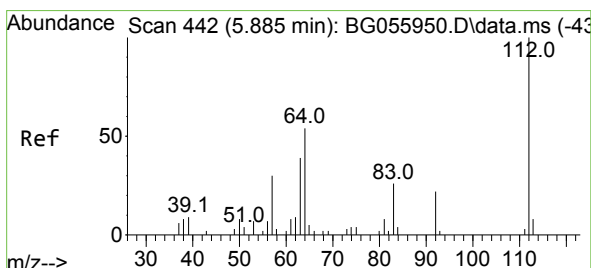
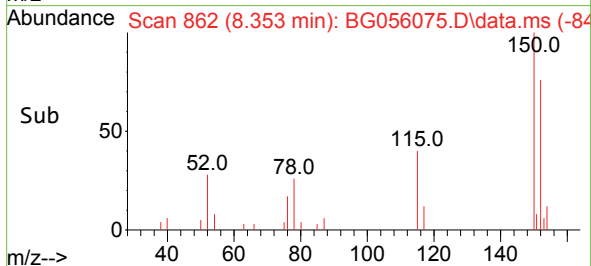
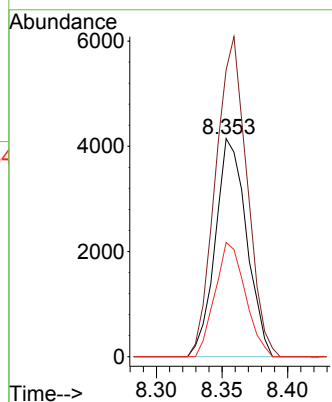
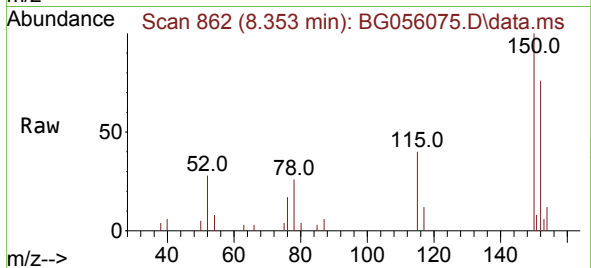




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.353 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

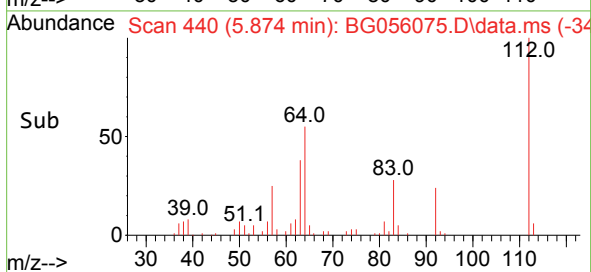
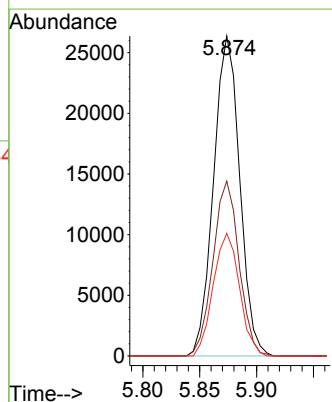
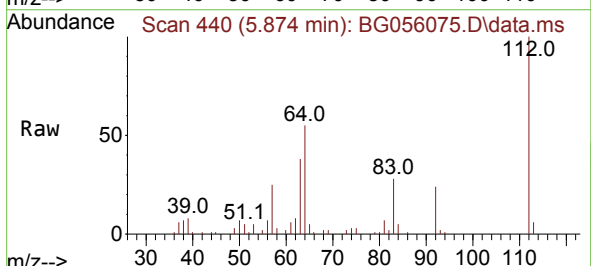
Instrument :
BNA_G
ClientSampleId :
PB149631BL

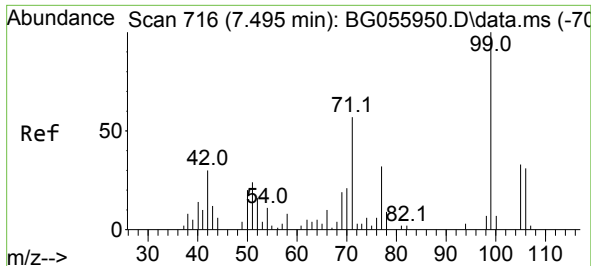
Tgt Ion:152 Resp: 6864
Ion Ratio Lower Upper
152 100
150 131.5 115.7 173.5
115 52.4 43.0 64.4



#5
2-Fluorophenol
Concen: 143.960 ng
RT: 5.874 min Scan# 440
Delta R.T. 0.006 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

Tgt Ion:112 Resp: 42135
Ion Ratio Lower Upper
112 100
64 54.6 43.0 64.4
63 38.3 31.4 47.2

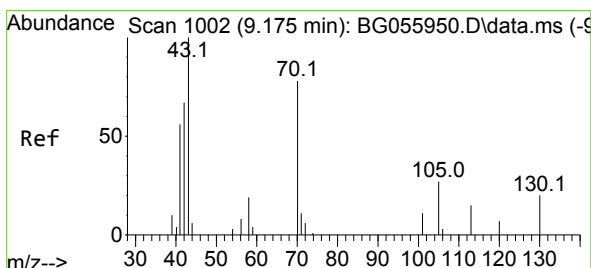
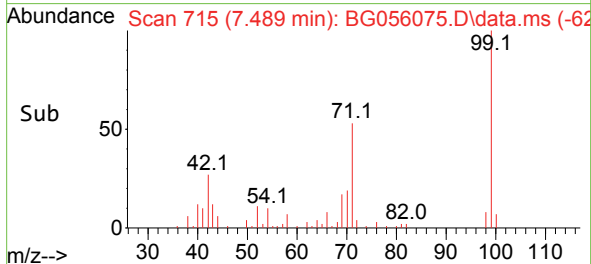
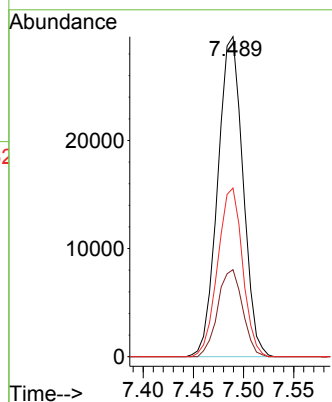
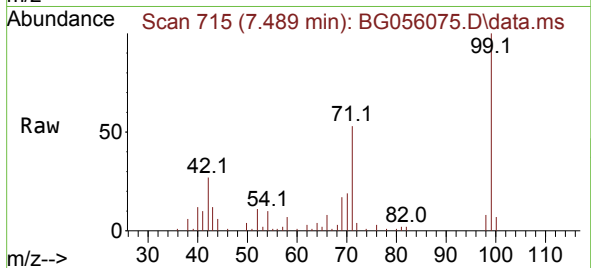




#7
Phenol-d6
Concen: 137.442 ng
RT: 7.489 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

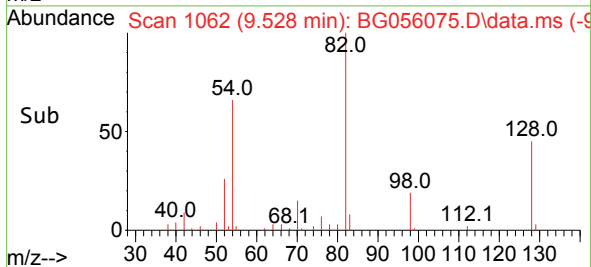
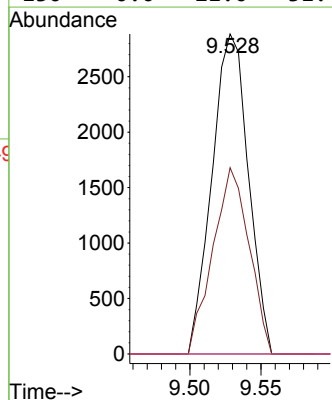
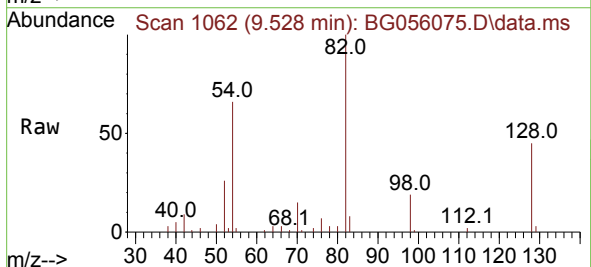
Instrument :
BNA_G
ClientSampleId :
PB149631BL

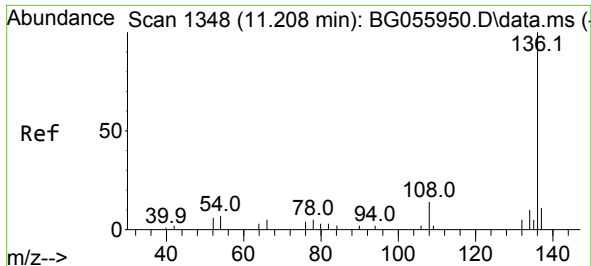
Tgt Ion: 99 Resp: 51738
Ion Ratio Lower Upper
99 100
42 27.2 24.3 36.5
71 52.7 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.049 ng
RT: 9.528 min Scan# 1062
Delta R.T. 0.370 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

Tgt Ion: 70 Resp: 5140
Ion Ratio Lower Upper
70 100
42 58.2 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

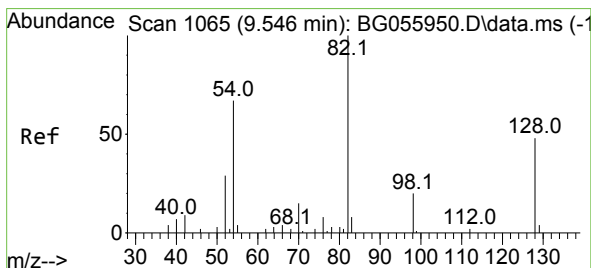
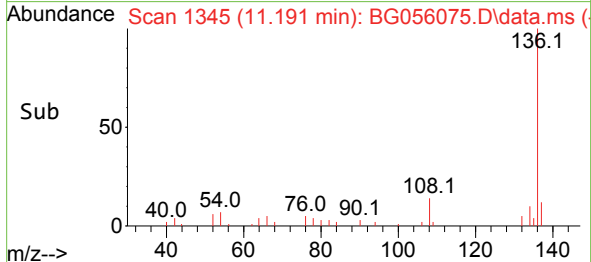
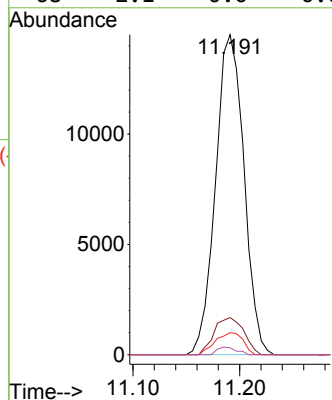
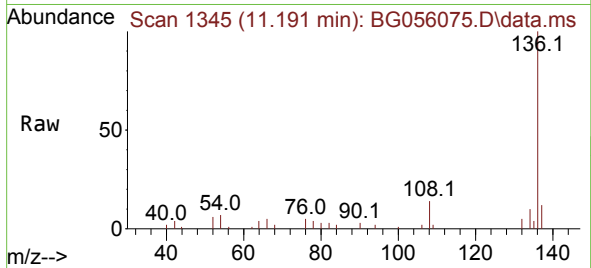




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

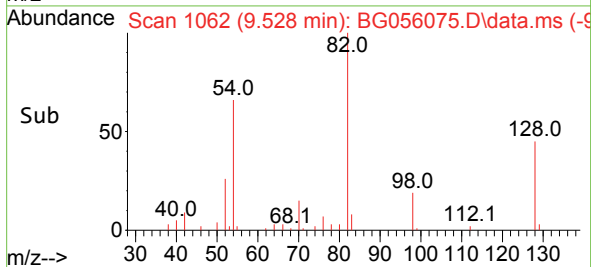
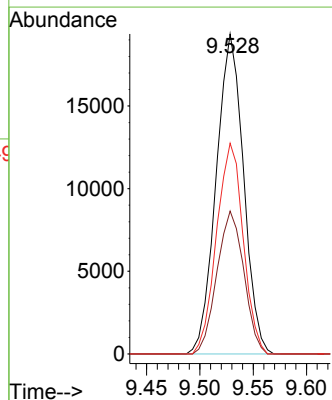
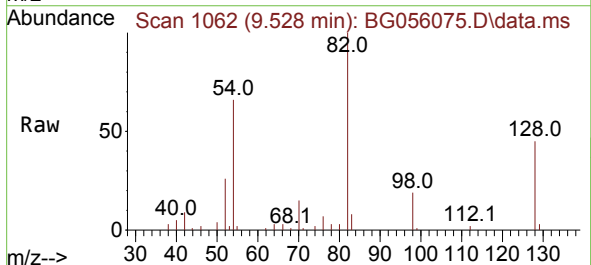
Instrument :
BNA_G
ClientSampleId :
PB149631BL

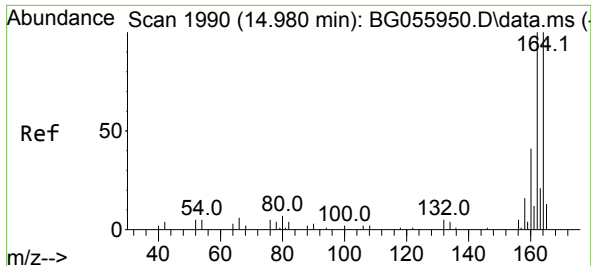
Tgt Ion:136 Resp: 26782
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 6.9 5.6 8.4
68 2.1 0.0 0.0#



#23
Nitrobenzene-d5
Concen: 89.898 ng
RT: 9.528 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

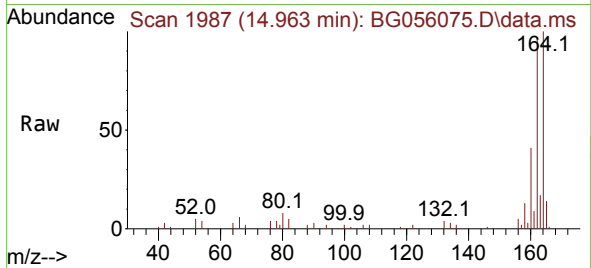
Tgt Ion: 82 Resp: 34453
Ion Ratio Lower Upper
82 100
128 44.6 38.4 57.6
54 65.8 53.3 79.9



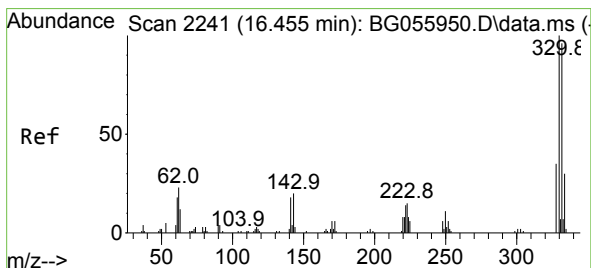
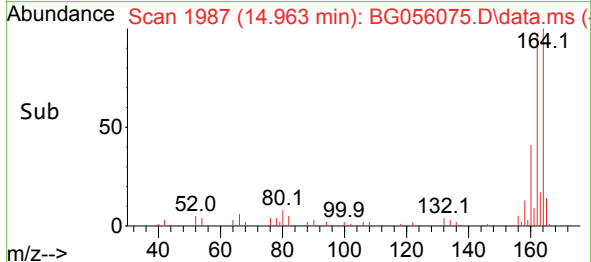
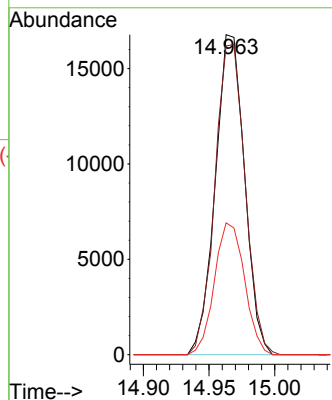


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

Instrument :
BNA_G
ClientSampleId :
PB149631BL

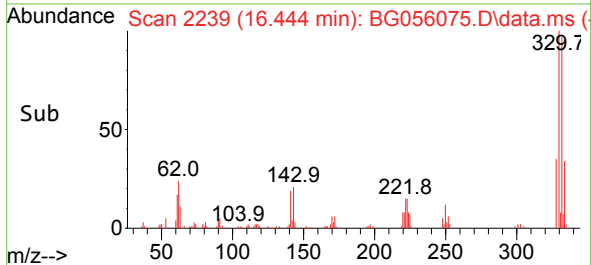
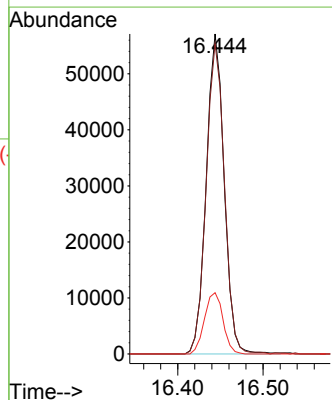
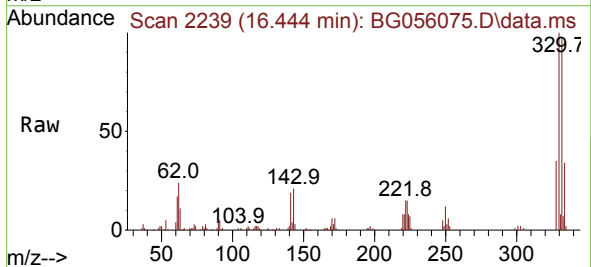


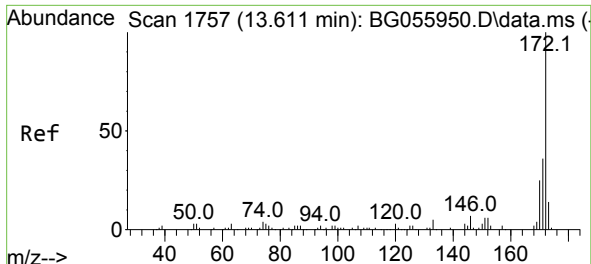
Tgt Ion:164 Resp: 25994
Ion Ratio Lower Upper
164 100
162 96.5 79.8 119.8
160 41.2 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 133.513 ng
RT: 16.444 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

Tgt Ion:330 Resp: 83685
Ion Ratio Lower Upper
330 100
332 98.4 76.6 114.8
141 19.7 15.0 22.4

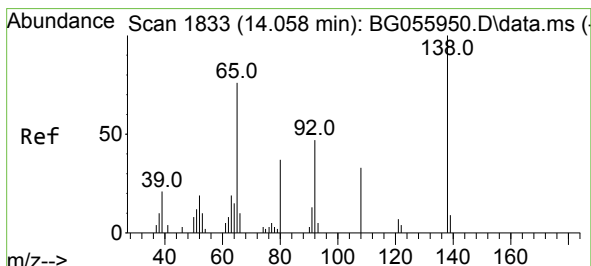
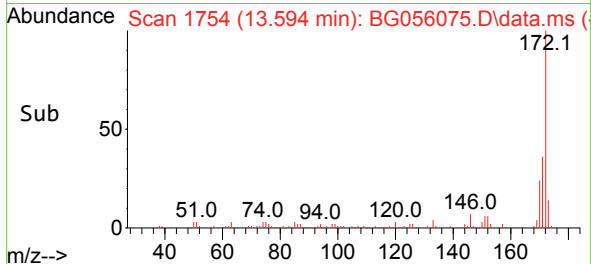
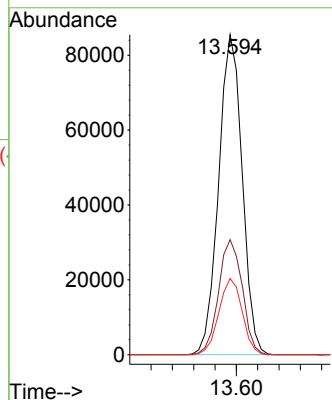
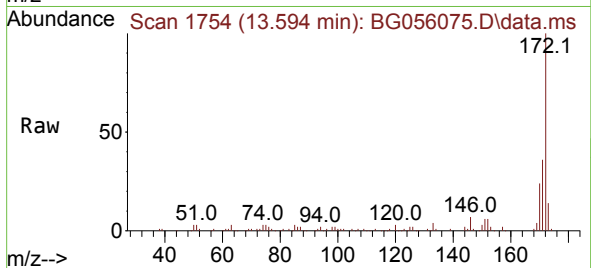




#45
2-Fluorobiphenyl
Concen: 70.632 ng
RT: 13.594 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

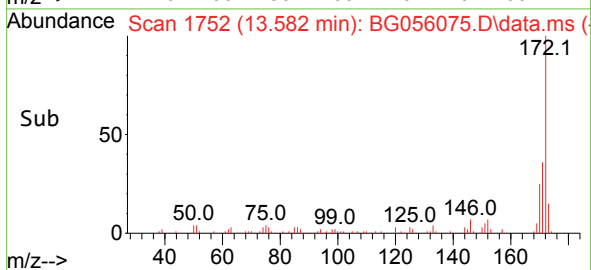
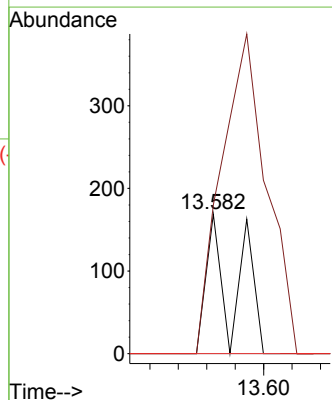
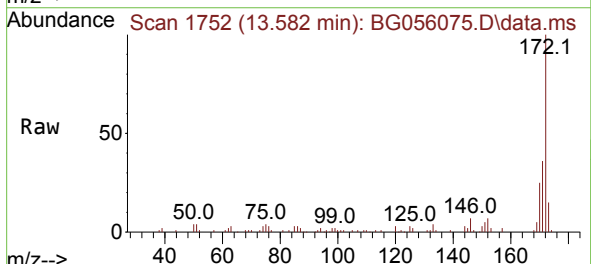
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ClientSampleId :
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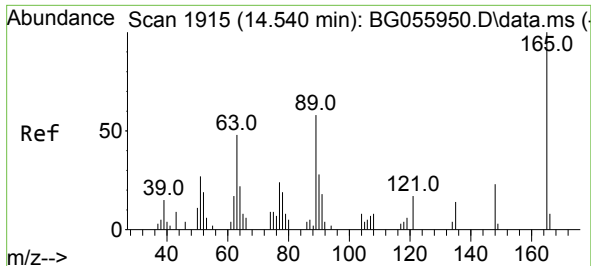
Tgt Ion:172 Resp: 130911
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.8 19.9 29.9



#48
2-Nitroaniline
Concen: 3.205 ng
RT: 13.582 min Scan# 1752
Delta R.T. -0.464 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

Tgt Ion: 65 Resp: 117
Ion Ratio Lower Upper
65 100
92 106.5 49.7 74.5#
138 0.0 105.0 157.6#

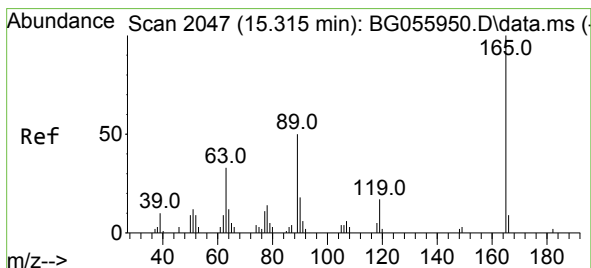
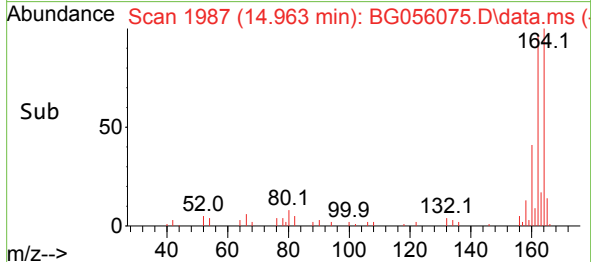
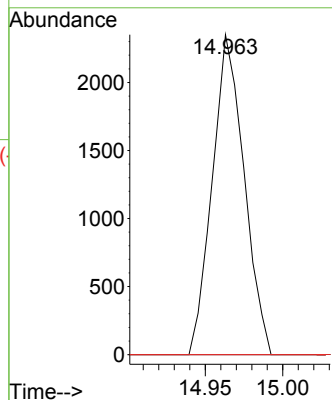
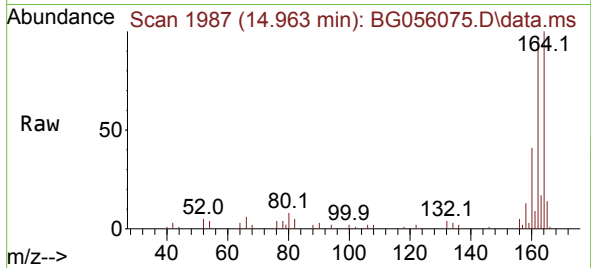




#51
2,6-Dinitrotoluene
Concen: 9.615 ng
RT: 14.963 min Scan# 1915
Delta R.T. 0.435 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

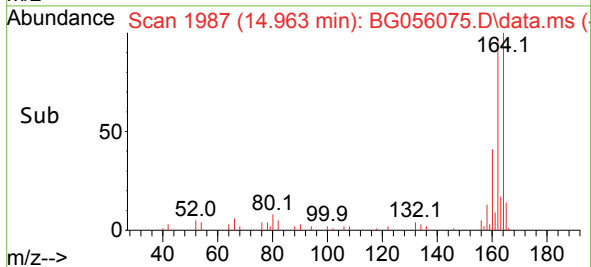
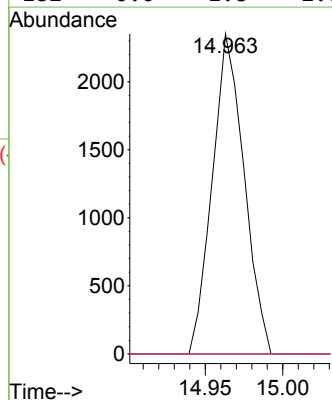
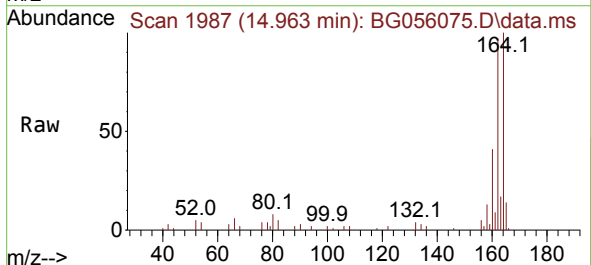
Instrument :
BNA_G
ClientSampleId :
PB149631BL

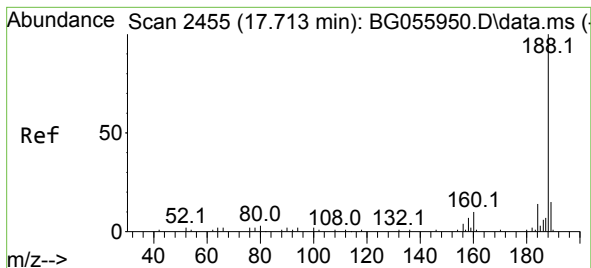
Tgt Ion:165 Resp: 3344
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.370 ng
RT: 14.963 min Scan# 1987
Delta R.T. -0.352 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

Tgt Ion:165 Resp: 3344
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# 24

Delta R.T. -0.006 min

Lab File: BG056075.D

Acq: 23 Dec 2022 11:54

Instrument :

BNA_G

ClientSampleId :

PB149631BL

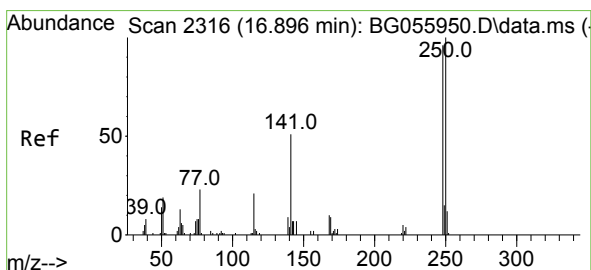
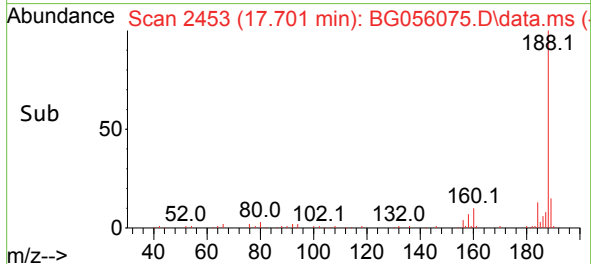
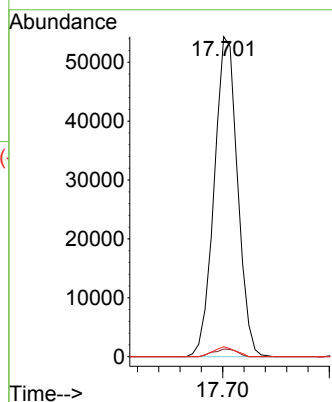
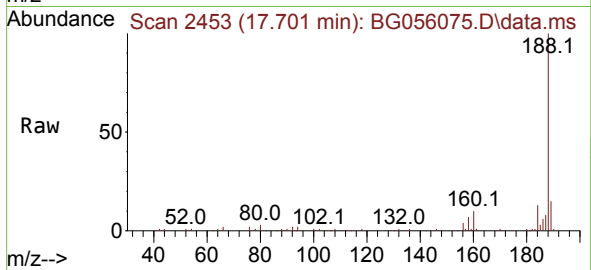
Tgt Ion:188 Resp: 82422

Ion Ratio Lower Upper

188 100

94 2.4 1.8 2.8

80 3.1 2.4 3.6



#67

4-Bromophenyl-phenylether

Concen: 3.912 ng

RT: 16.444 min Scan# 2239

Delta R.T. -0.441 min

Lab File: BG056075.D

Acq: 23 Dec 2022 11:54

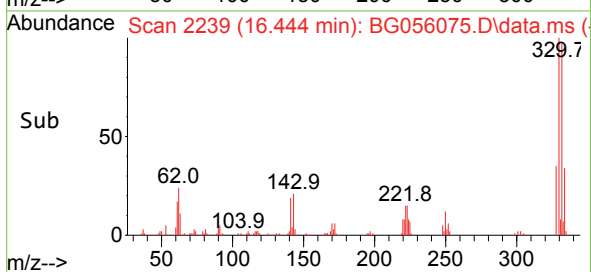
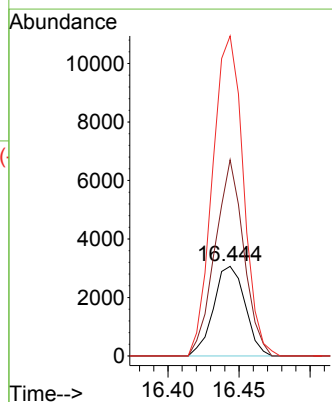
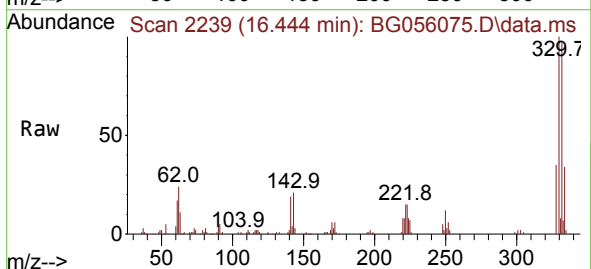
Tgt Ion:248 Resp: 4725

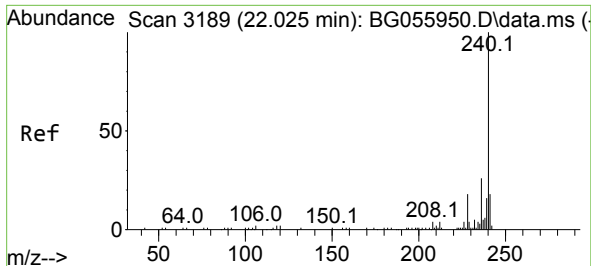
Ion Ratio Lower Upper

248 100

250 165.3 83.0 124.6#

141 269.5 42.6 64.0#

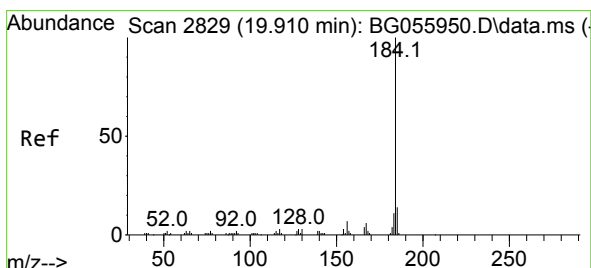
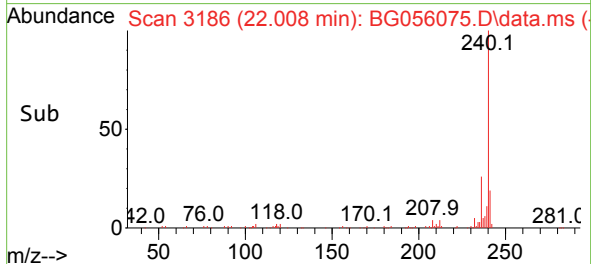
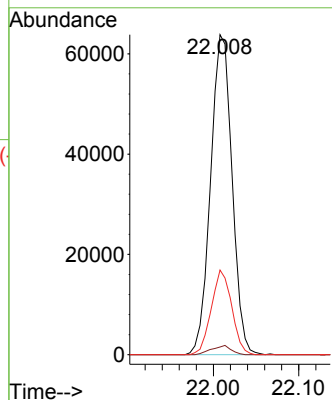
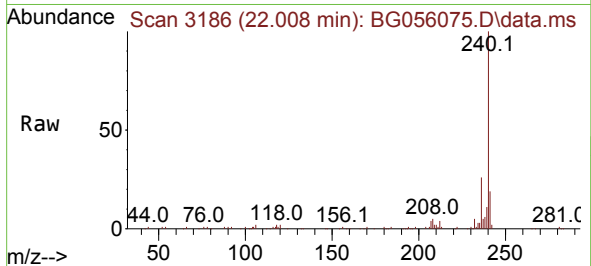




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.008 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

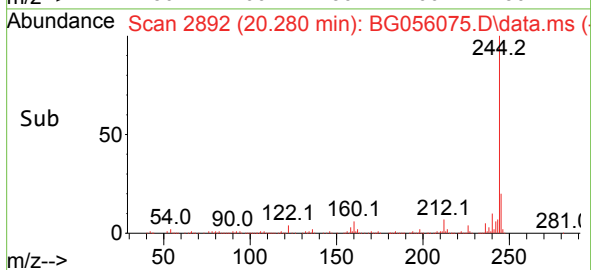
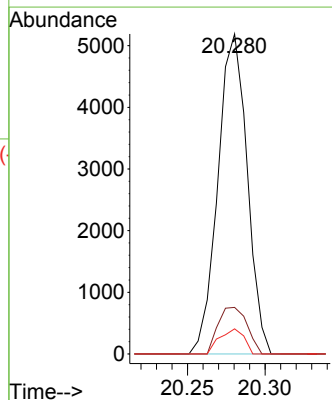
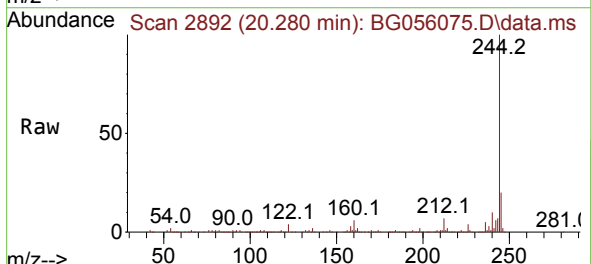
Instrument :
BNA_G
ClientSampleId :
PB149631BL

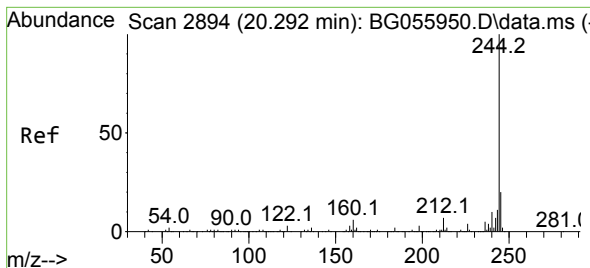
Tgt Ion:240 Resp: 111640
Ion Ratio Lower Upper
240 100
120 2.4 1.7 2.5
236 26.4 21.1 31.7



#77
Benzidine
Concen: 3.475 ng
RT: 20.280 min Scan# 2892
Delta R.T. 0.382 min
Lab File: BG056075.D
Acq: 23 Dec 2022 11:54

Tgt Ion:184 Resp: 6814
Ion Ratio Lower Upper
184 100
185 14.5 10.9 16.3
183 7.8 9.2 13.8#





#79

Terphenyl-d14

Concen: 75.426 ng

RT: 20.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056075.D

Acq: 23 Dec 2022 11:54

Instrument :

BNA_G

ClientSampleId :

PB149631BL

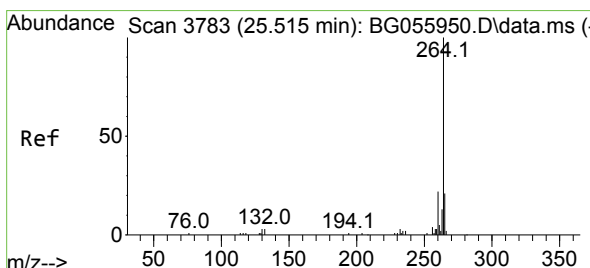
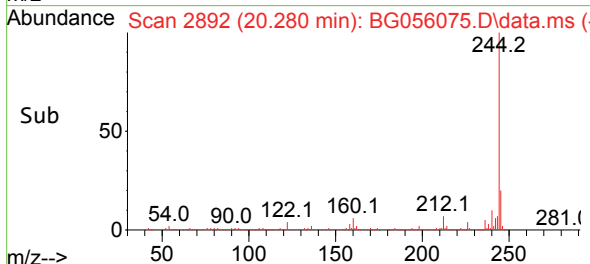
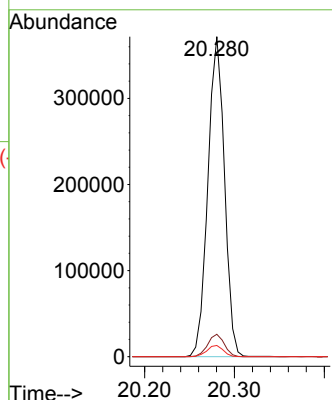
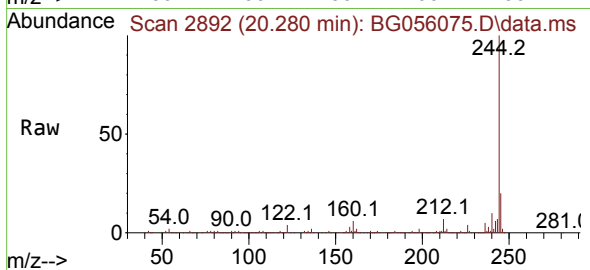
Tgt Ion:244 Resp: 476439

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 3.5 2.5 3.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.498 min Scan# 3780

Delta R.T. 0.006 min

Lab File: BG056075.D

Acq: 23 Dec 2022 11:54

Tgt Ion:264 Resp: 120174

Ion Ratio Lower Upper

264 100

260 22.3 17.8 26.8

265 20.6 16.6 25.0

