

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056085.D
 Acq On : 23 Dec 2022 19:14
 Operator : CG/JU
 Sample : N6190-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-2

Quant Time: Dec 24 00:09:15 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)

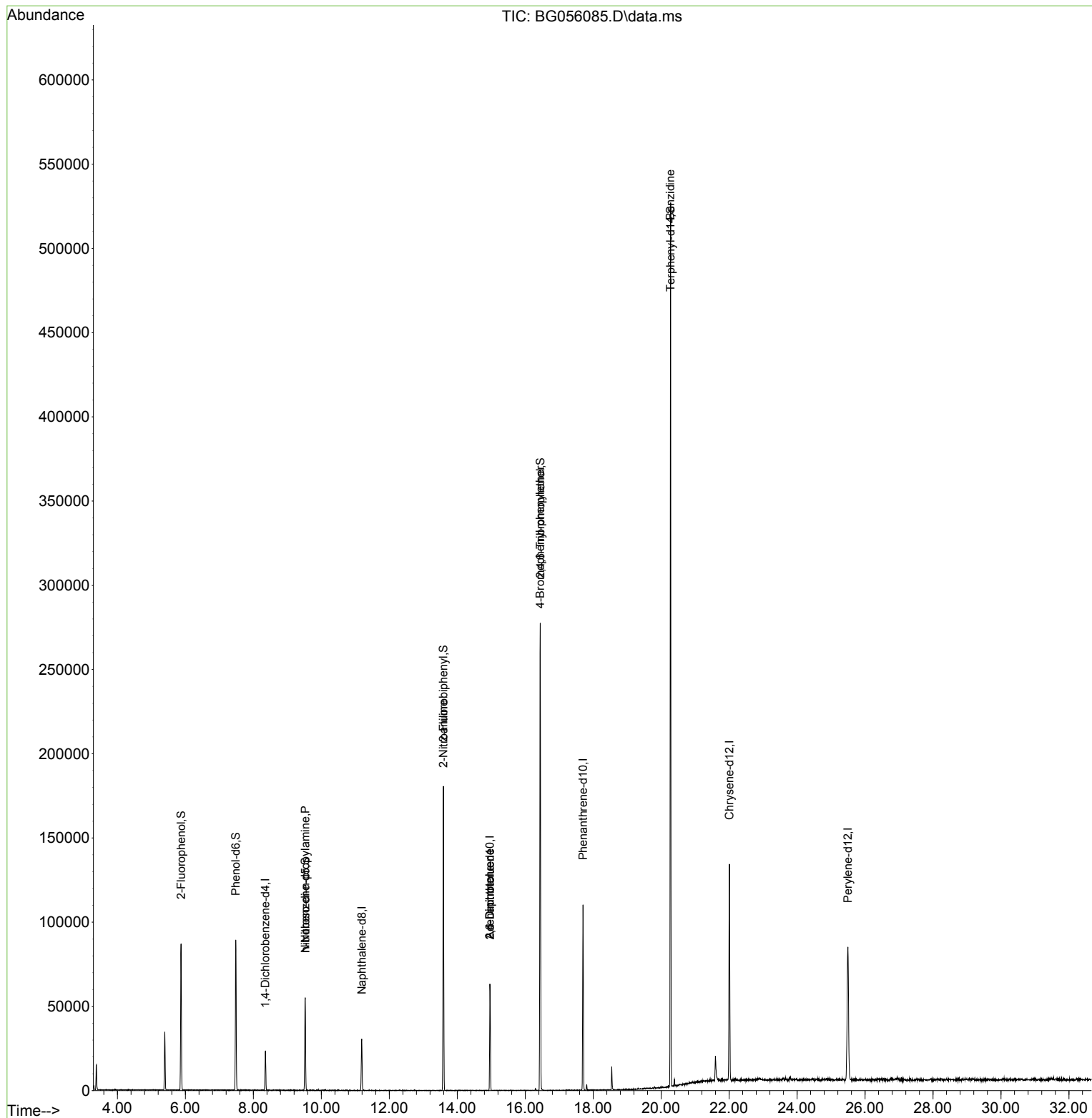
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	7485	20.000	ng	0.00
21) Naphthalene-d8	11.190	136	27244	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	25050	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	81618	20.000	ng	0.00
76) Chrysene-d12	22.007	240	92044	20.000	ng	0.00
86) Perylene-d12	25.497	264	110532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	35024	109.736	ng	0.00
7) Phenol-d6	7.482	99	43603	106.221	ng	0.00
23) Nitrobenzene-d5	9.527	82	30480	78.183	ng	0.00
42) 2,4,6-Tribromophenol	16.442	330	74677	123.631	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	99626	55.778	ng	0.00
79) Terphenyl-d14	20.279	244	294730	56.593	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.527	70	4700	15.974	ng	# 63
48) 2-Nitroaniline	13.587	65	57	3.012	ng	# 1
51) 2,6-Dinitrotoluene	14.962	165	3183	9.497	ng	# 25
57) 2,4-Dinitrotoluene	14.962	165	3183	6.292	ng	# 35
67) 4-Bromophenyl-phenylether	16.437	248	4140	3.462	ng	# 1
77) Benzidine	20.273	184	4474	2.768	ng	# 90

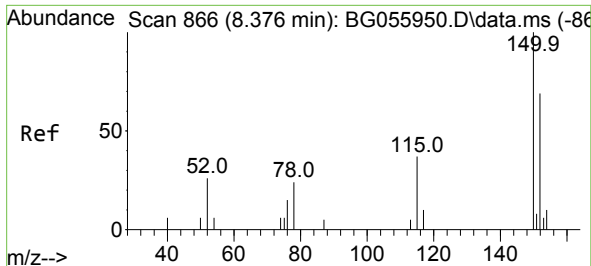
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056085.D
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Operator : CG/JU
Sample : N6190-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
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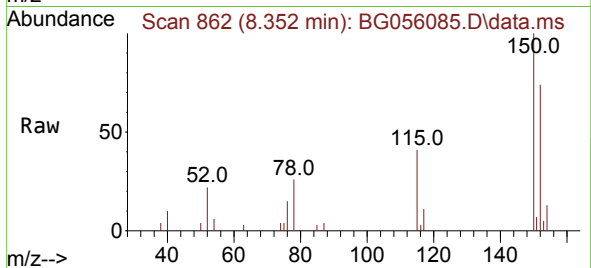
Quant Time: Dec 24 00:09:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration



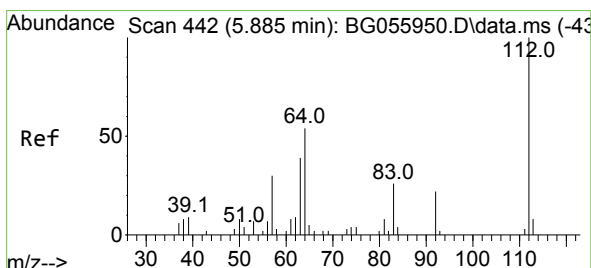
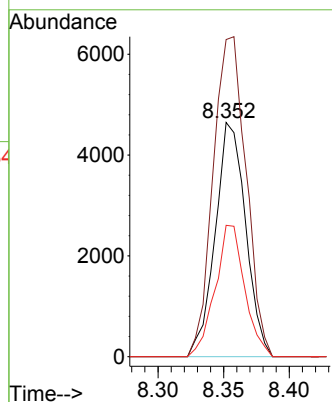
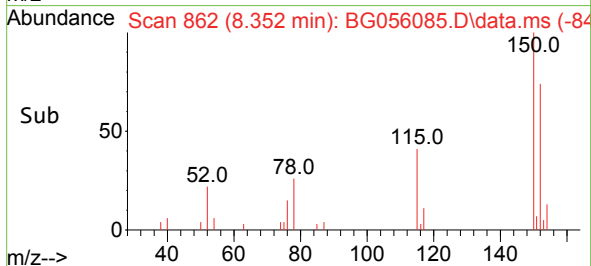


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.352 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

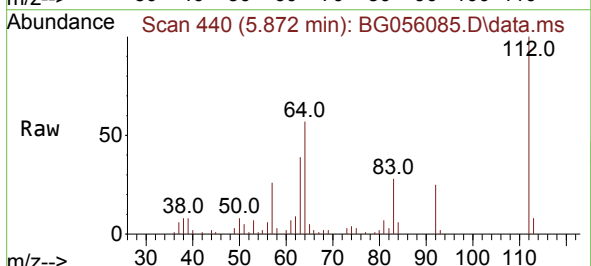
Instrument :
BNA_G
ClientSampleId :
LOCATION-2



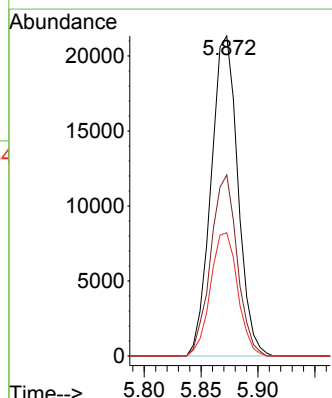
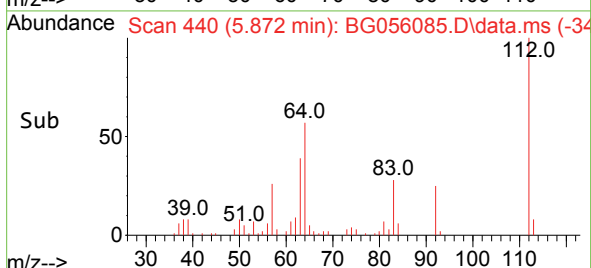
Tgt Ion:152 Resp: 7485
Ion Ratio Lower Upper
152 100
150 135.4 115.7 173.5
115 56.0 43.0 64.4

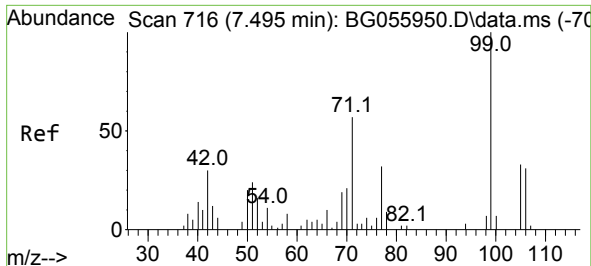


#5
2-Fluorophenol
Concen: 109.736 ng
RT: 5.872 min Scan# 440
Delta R.T. 0.005 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14



Tgt Ion:112 Resp: 35024
Ion Ratio Lower Upper
112 100
64 56.6 43.0 64.4
63 38.5 31.4 47.2

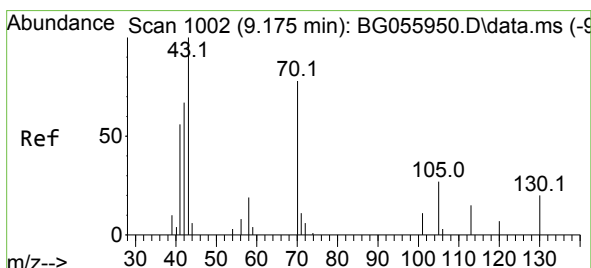
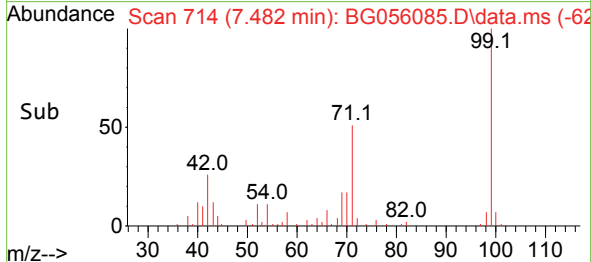
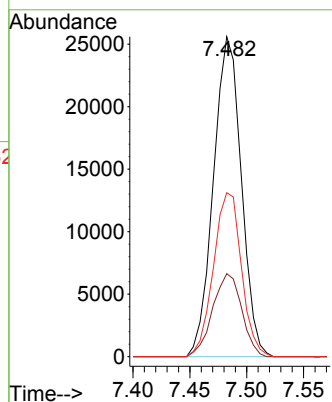
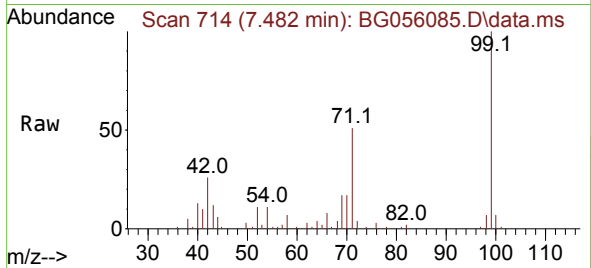




#7
Phenol-d6
Concen: 106.221 ng
RT: 7.482 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

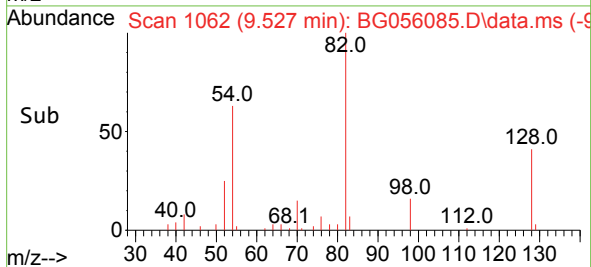
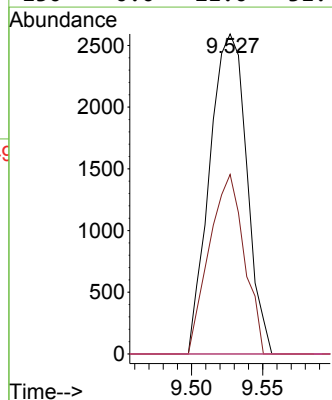
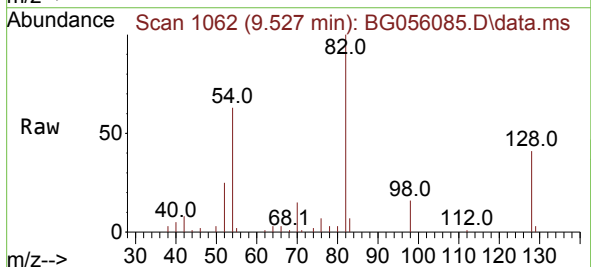
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

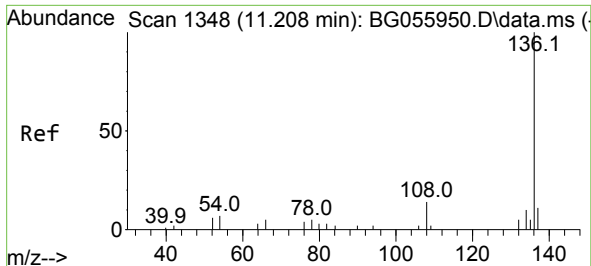
Tgt Ion: 99 Resp: 43603
Ion Ratio Lower Upper
99 100
42 25.9 24.3 36.5
71 51.2 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.974 ng
RT: 9.527 min Scan# 1062
Delta R.T. 0.369 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion: 70 Resp: 4700
Ion Ratio Lower Upper
70 100
42 56.1 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

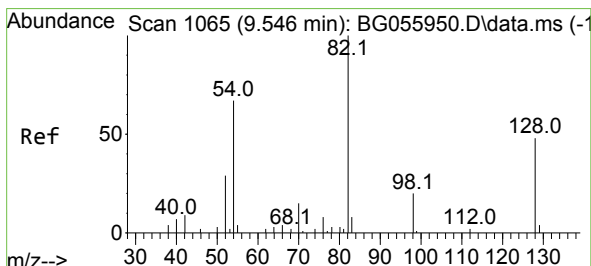
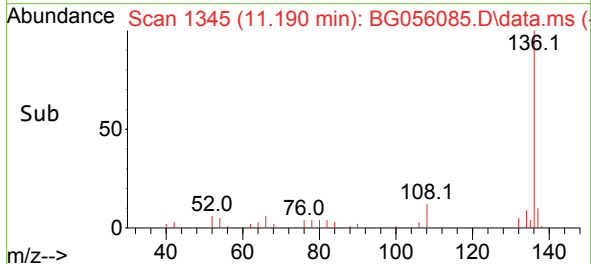
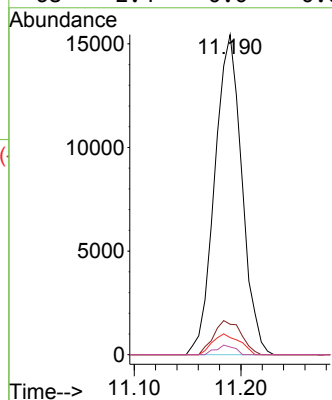
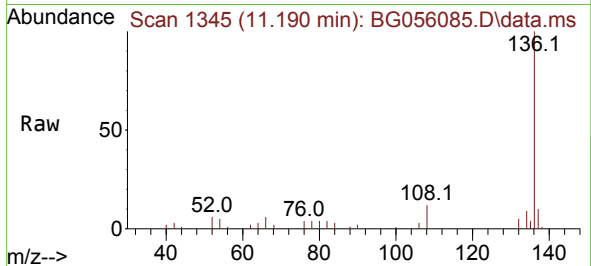




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

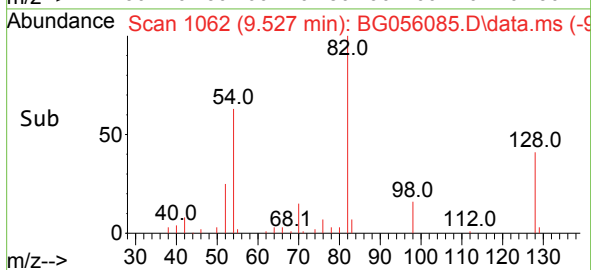
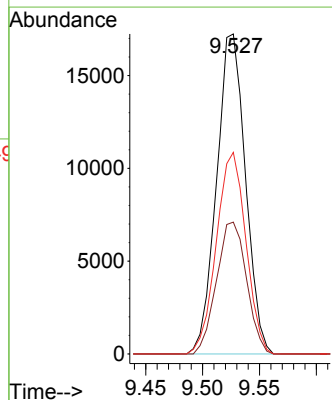
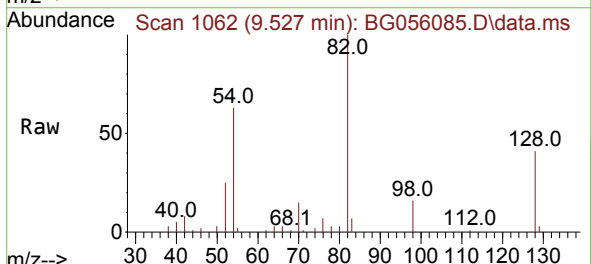
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

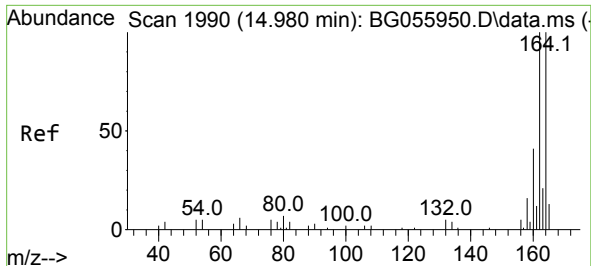
Tgt Ion:	136	Resp:	27244
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	5.3	5.6	8.4#
68	2.4	0.0	0.0#



#23
Nitrobenzene-d5
Concen: 78.183 ng
RT: 9.527 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion:	82	Resp:	30480
Ion	Ratio	Lower	Upper
82	100		
128	41.2	38.4	57.6
54	63.0	53.3	79.9

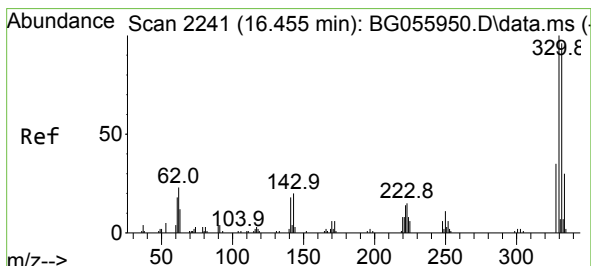
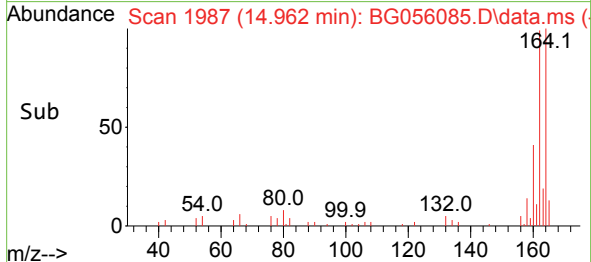
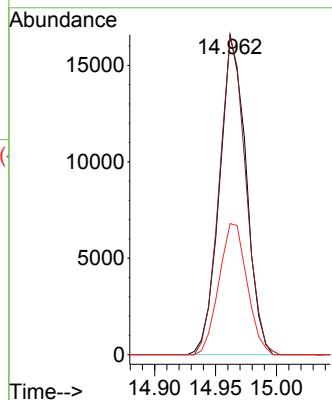
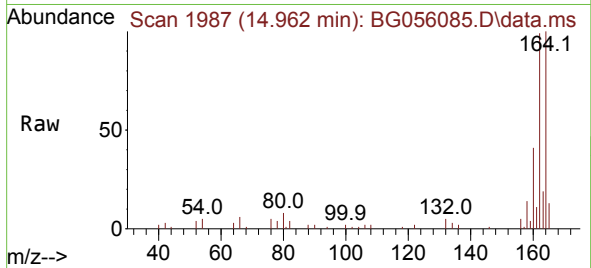




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1990
Delta R.T. -0.007 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

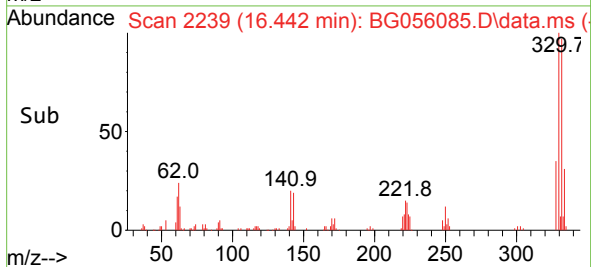
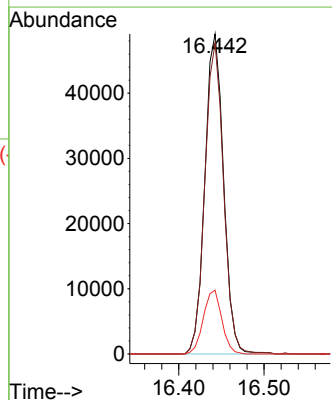
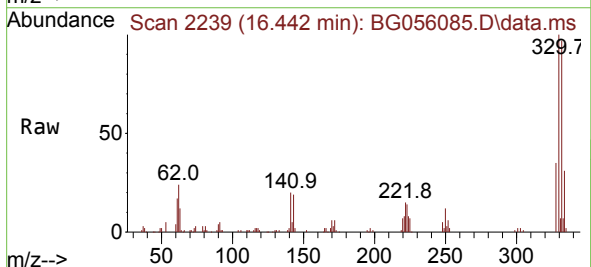
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

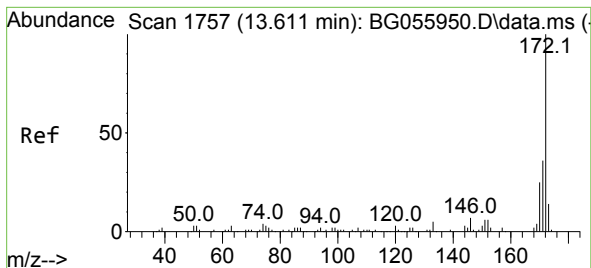
Tgt Ion:164 Resp: 25050
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 40.9 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 123.631 ng
RT: 16.442 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion:330 Resp: 74677
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 19.6 15.0 22.4

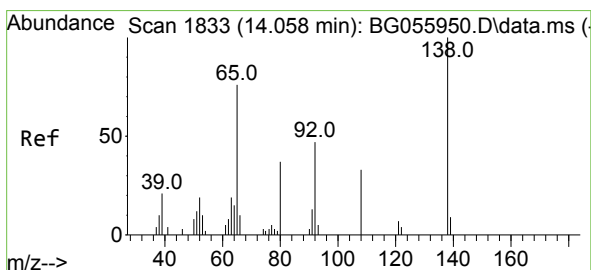
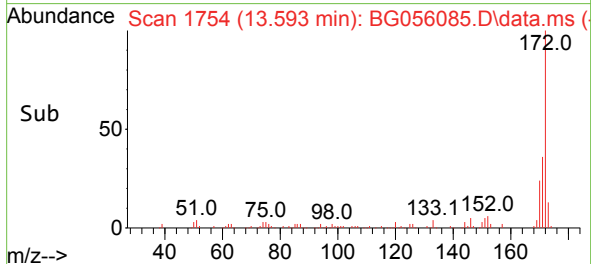
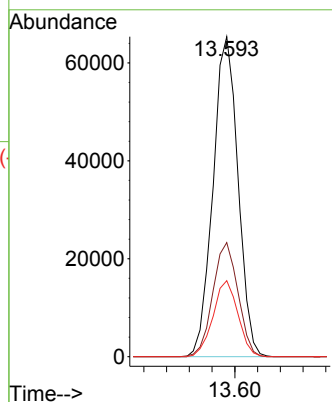
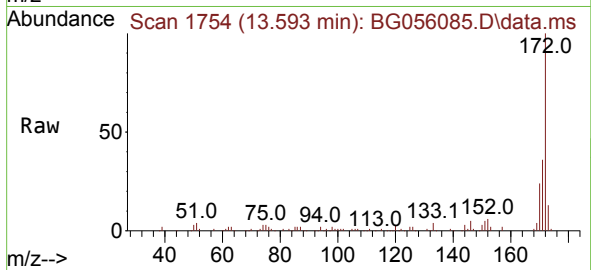




#45
2-Fluorobiphenyl
Concen: 55.778 ng
RT: 13.593 min Scan# 1754
Delta R.T. -0.001 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

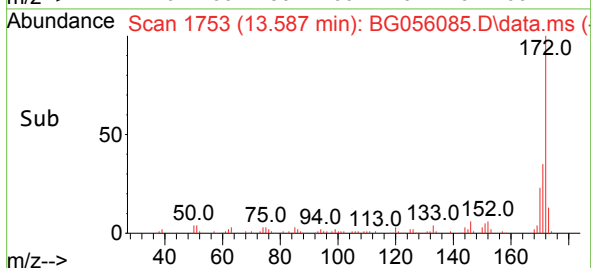
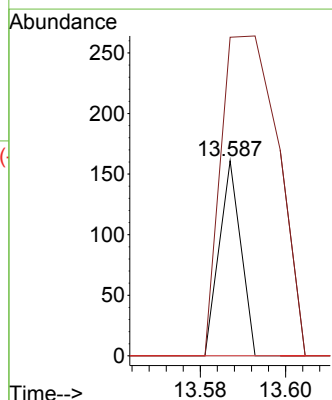
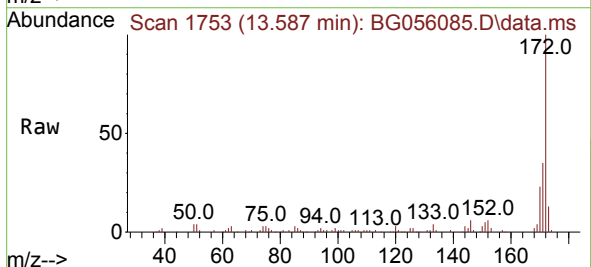
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

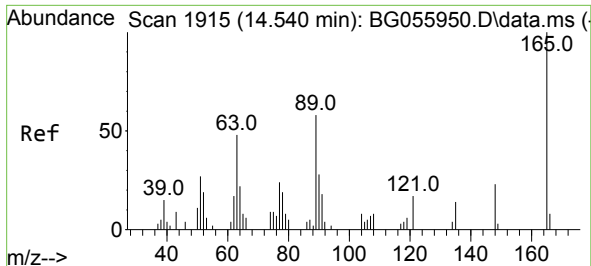
Tgt Ion:172 Resp: 99626
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.7 19.9 29.9



#48
2-Nitroaniline
Concen: 3.012 ng
RT: 13.587 min Scan# 1753
Delta R.T. -0.459 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 163.4 49.7 74.5#
138 0.0 105.0 157.6#





#51

2,6-Dinitrotoluene

Concen: 9.497 ng

RT: 14.962 min Scan# 1915

Delta R.T. 0.434 min

Lab File: BG056085.D

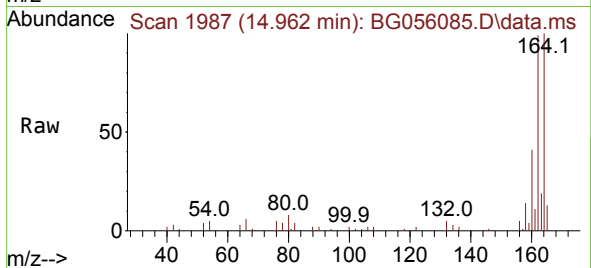
Acq: 23 Dec 2022 19:14

Instrument :

BNA_G

ClientSampleId :

LOCATION-2



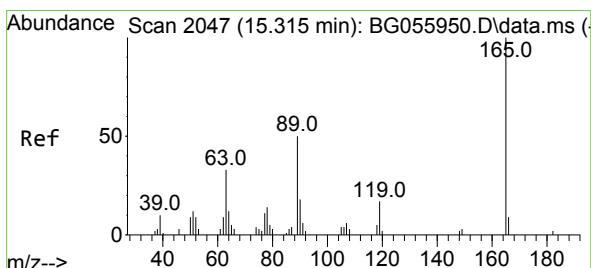
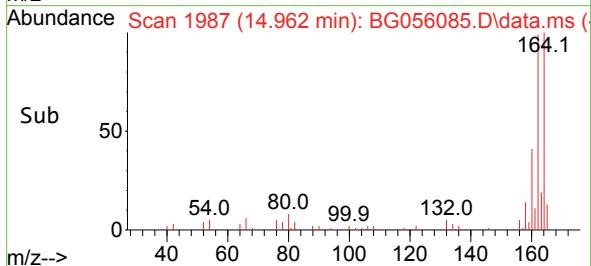
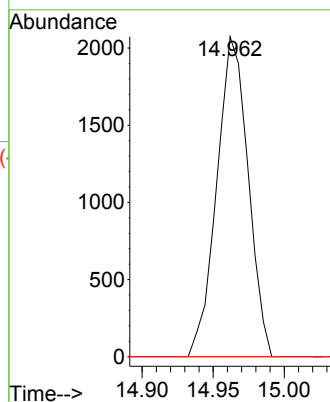
Tgt Ion:165 Resp: 3183

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: 6.292 ng

RT: 14.962 min Scan# 1987

Delta R.T. -0.354 min

Lab File: BG056085.D

Acq: 23 Dec 2022 19:14

Tgt Ion:165 Resp: 3183

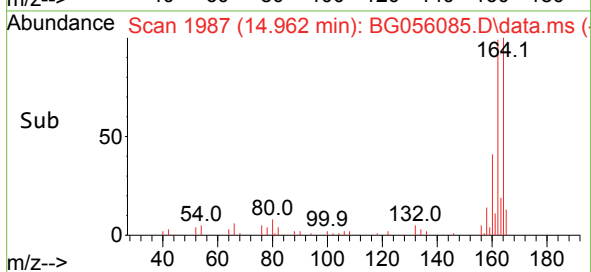
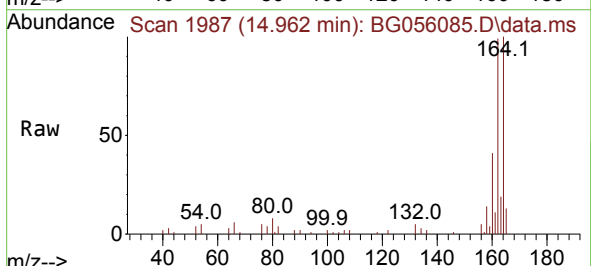
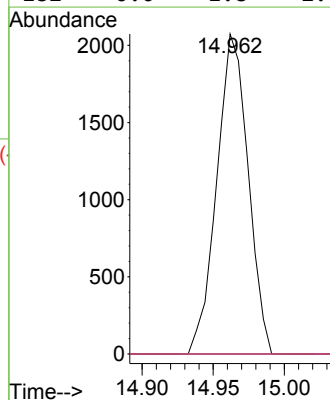
Ion Ratio Lower Upper

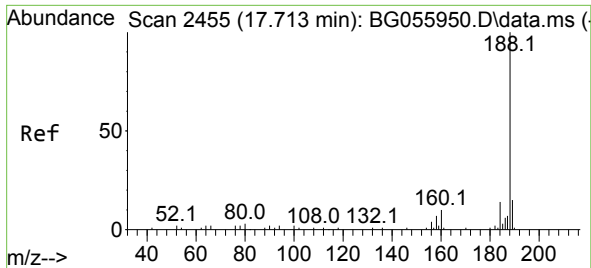
165 100

63 0.0 26.6 39.8#

89 0.0 40.1 60.1#

182 0.0 1.8 2.6#

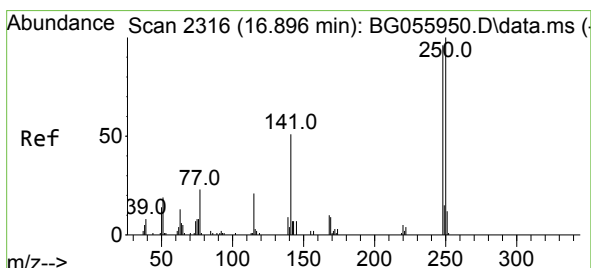
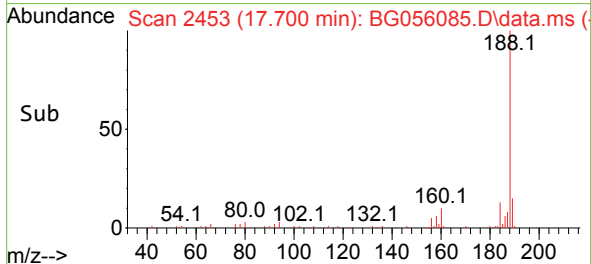
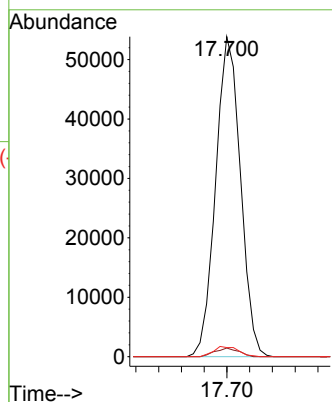
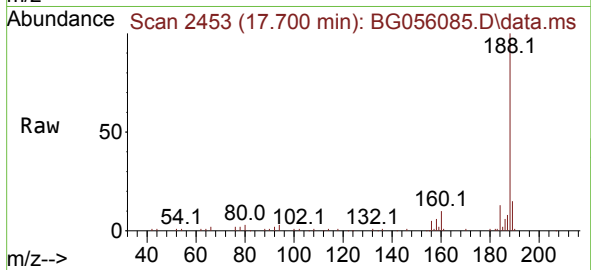




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

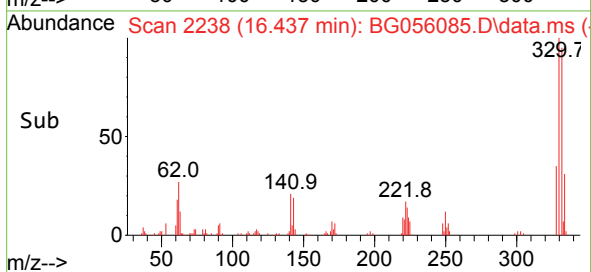
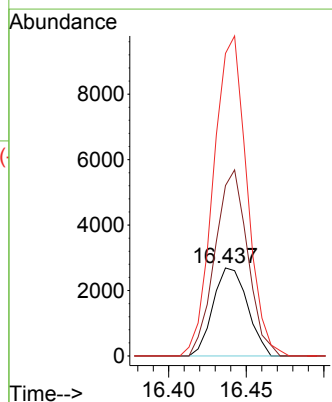
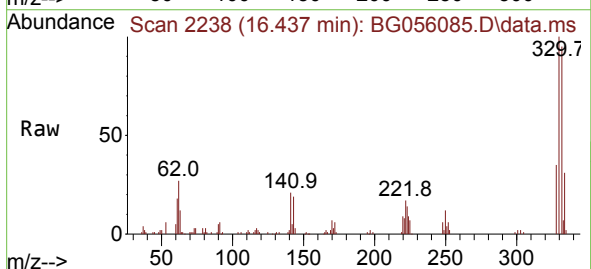
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

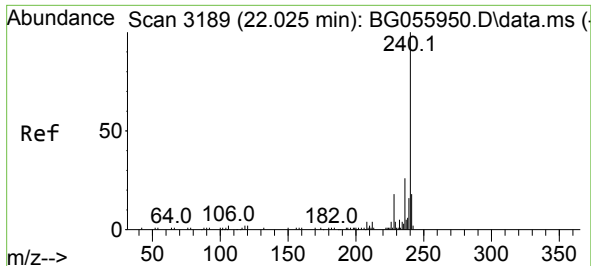
Tgt Ion:188 Resp: 81618
Ion Ratio Lower Upper
188 100
94 2.7 1.8 2.8
80 2.9 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 3.462 ng
RT: 16.437 min Scan# 2238
Delta R.T. -0.448 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion:248 Resp: 4140
Ion Ratio Lower Upper
248 100
250 193.8 83.0 124.6#
141 344.1 42.6 64.0#

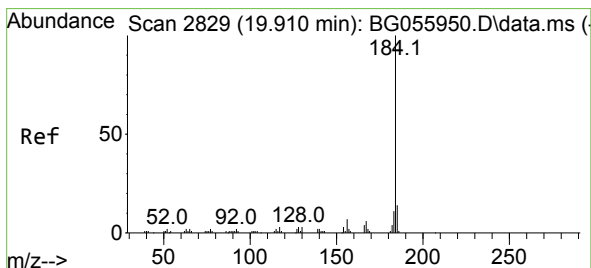
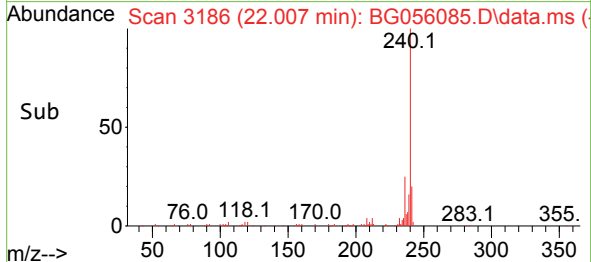
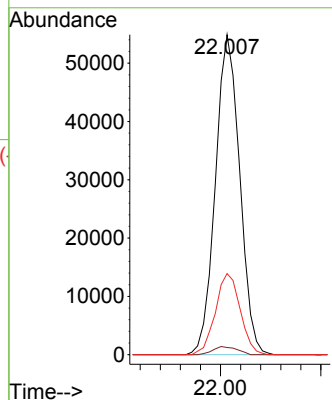
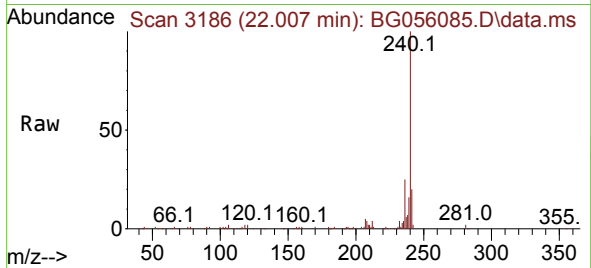




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3189
Delta R.T. -0.007 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

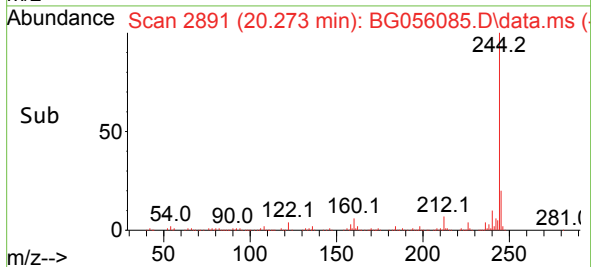
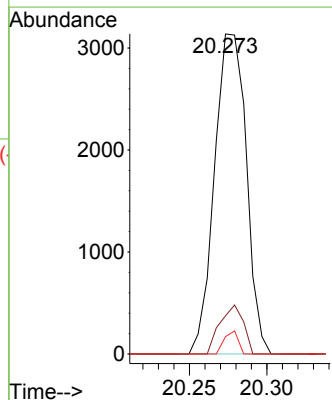
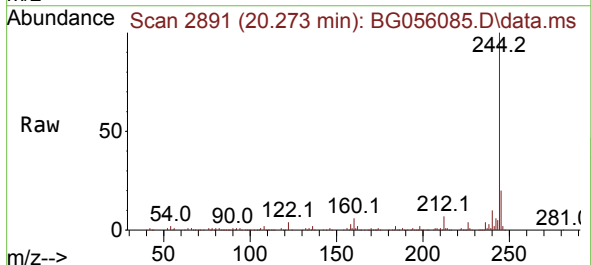
Instrument :
BNA_G
ClientSampleId :
LOCATION-2

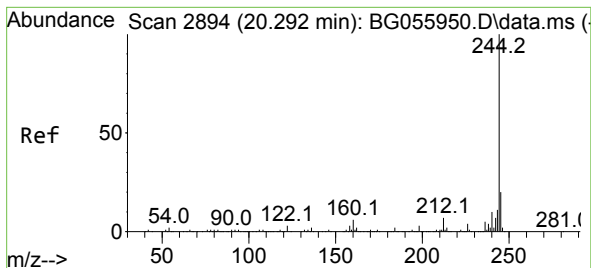
Tgt Ion:240 Resp: 92044
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 25.3 21.1 31.7



#77
Benzidine
Concen: 2.768 ng
RT: 20.273 min Scan# 2891
Delta R.T. 0.375 min
Lab File: BG056085.D
Acq: 23 Dec 2022 19:14

Tgt Ion:184 Resp: 4474
Ion Ratio Lower Upper
184 100
185 11.9 10.9 16.3
183 5.4 9.2 13.8#





#79

Terphenyl-d14

Concen: 56.593 ng

RT: 20.279 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056085.D

Acq: 23 Dec 2022 19:14

Instrument :

BNA_G

ClientSampleId :

LOCATION-2

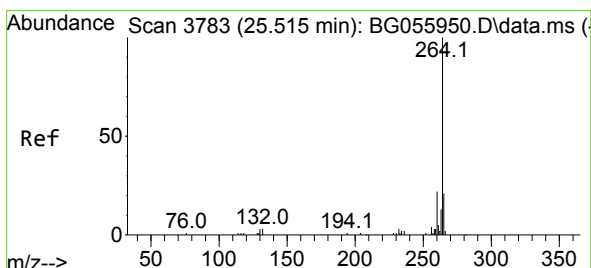
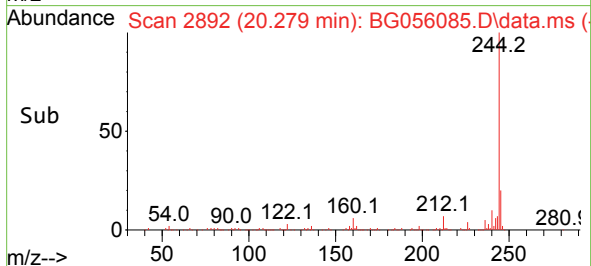
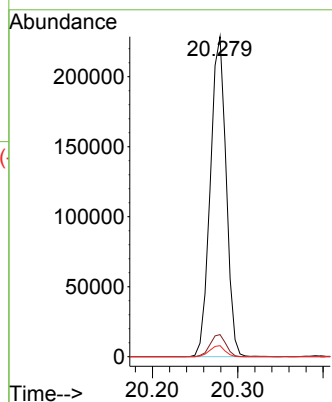
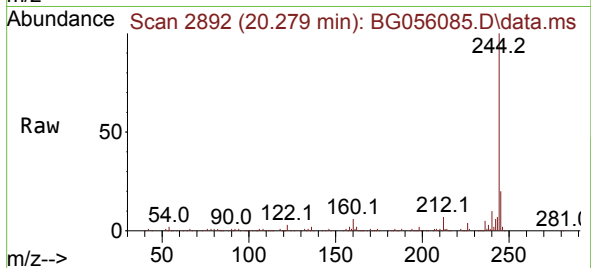
Tgt Ion:244 Resp: 294730

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 3.4 2.5 3.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.497 min Scan# 3780

Delta R.T. 0.005 min

Lab File: BG056085.D

Acq: 23 Dec 2022 19:14

Tgt Ion:264 Resp: 110532

Ion Ratio Lower Upper

264 100

260 21.2 17.8 26.8

265 20.9 16.6 25.0

