

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055855.D
 Acq On : 1 Dec 2022 13:01
 Operator : CG/JU
 Sample : PB149346BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149346BL

Quant Time: Dec 02 04:09:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

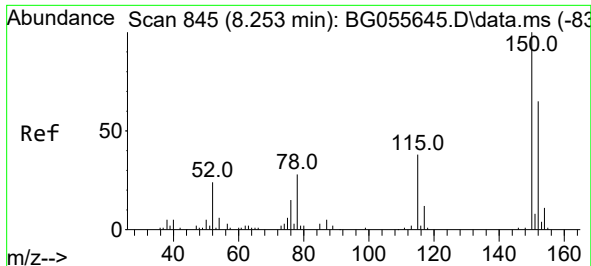
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	30638	20.000	ng	0.00
21) Naphthalene-d8	11.037	136	126219	20.000	ng	# 0.00
39) Acenaphthene-d10	14.832	164	94041	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	238734	20.000	ng	0.00
76) Chrysene-d12	21.859	240	244850	20.000	ng	0.00
86) Perylene-d12	25.244	264	259901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	256759	151.477	ng	0.00
7) Phenol-d6	7.359	99	330546	146.495	ng	0.00
23) Nitrobenzene-d5	9.380	82	209048	87.540	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	187009	141.222	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	541261	86.226	ng	0.00
79) Terphenyl-d14	20.161	244	1114872	91.072	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.380	70	29409	16.964	ng	# 78
51) 2,6-Dinitrotoluene	14.832	165	11878	7.749	ng	# 24
57) 2,4-Dinitrotoluene	14.832	165	11878	5.496	ng	# 22
67) 4-Bromophenyl-phenylether	16.319	248	11841	4.353	ng	# 1
77) Benzidine	20.161	184	17639	3.114	ng	# 91

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

Quant Time: Dec 02 04:09:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

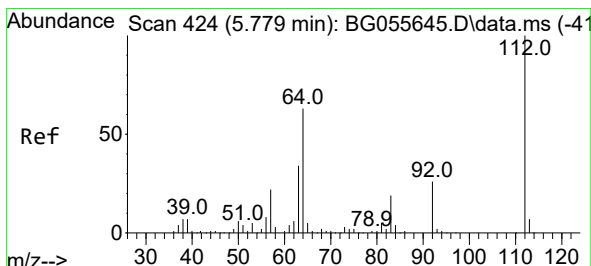
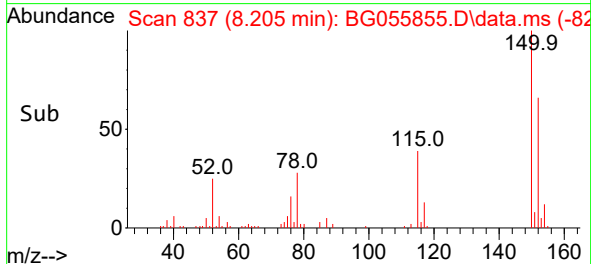
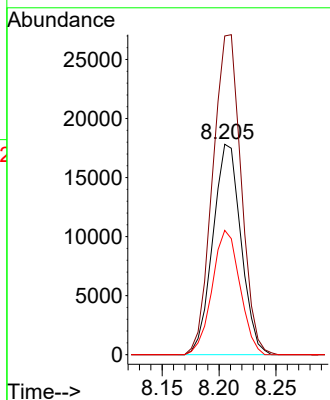
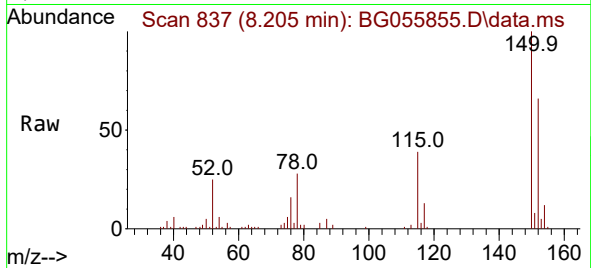




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

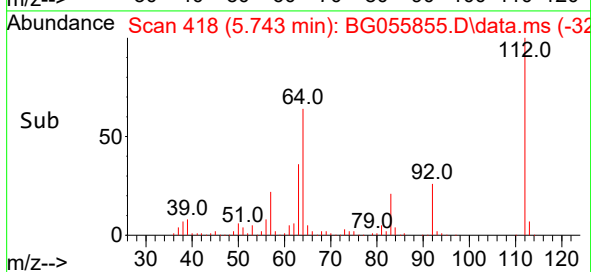
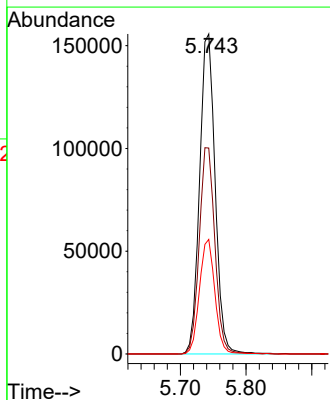
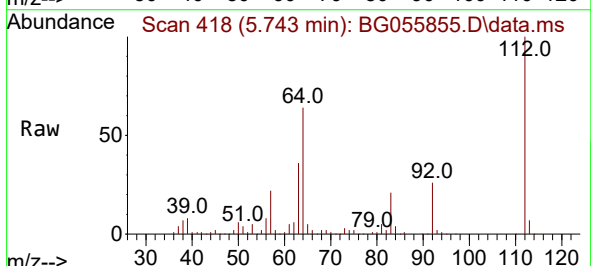
Instrument :
BNA_G
ClientSampleId :
PB149346BL

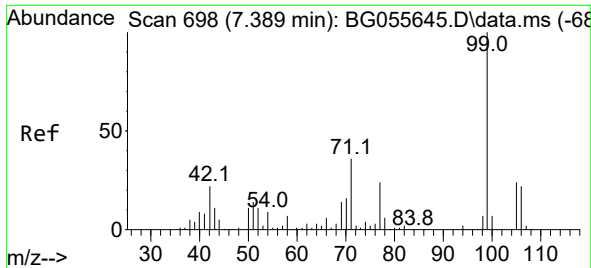
Tgt Ion:152 Resp: 30638
Ion Ratio Lower Upper
152 100
150 151.5 123.0 184.6
115 59.1 47.0 70.4



#5
2-Fluorophenol
Concen: 151.477 ng
RT: 5.743 min Scan# 418
Delta R.T. 0.005 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

Tgt Ion:112 Resp: 256759
Ion Ratio Lower Upper
112 100
64 64.4 50.6 76.0
63 35.8 27.5 41.3

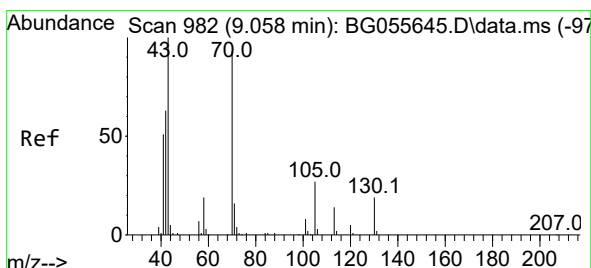
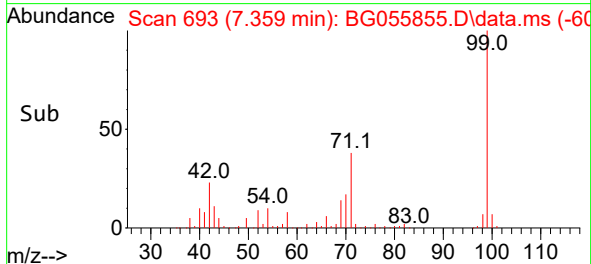
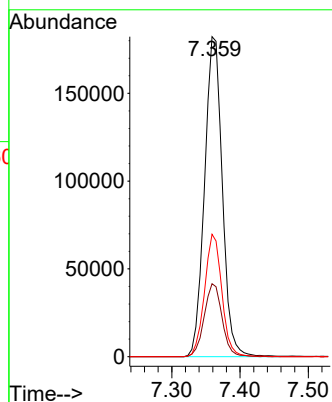
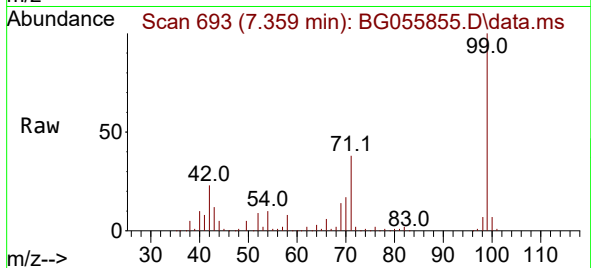




#7
Phenol-d6
Concen: 146.495 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

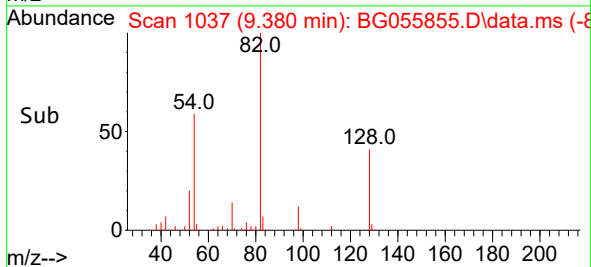
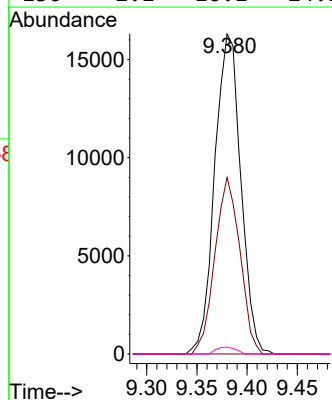
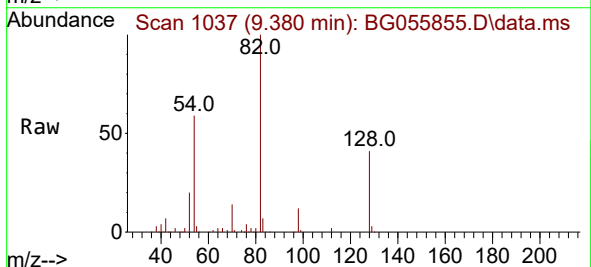
Instrument :
BNA_G
ClientSampleId :
PB149346BL

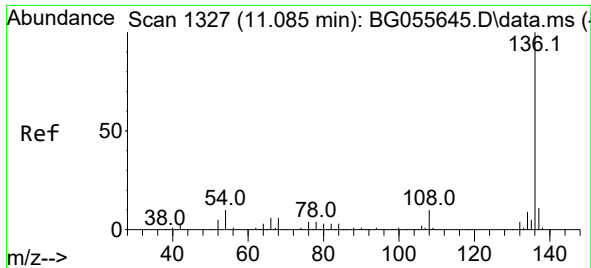
Tgt Ion: 99 Resp: 330546
Ion Ratio Lower Upper
99 100
42 22.8 18.0 27.0
71 38.3 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.964 ng
RT: 9.380 min Scan# 1037
Delta R.T. 0.370 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

Tgt Ion: 70 Resp: 29409
Ion Ratio Lower Upper
70 100
42 55.2 55.2 82.8#
101 0.0 7.1 10.7#
130 2.1 16.1 24.1#

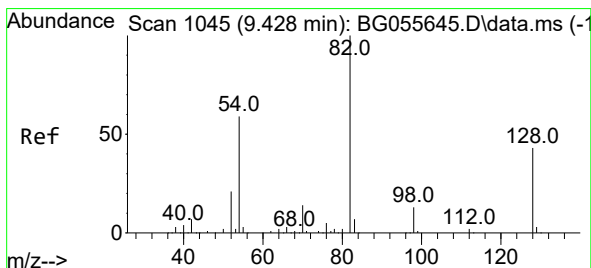
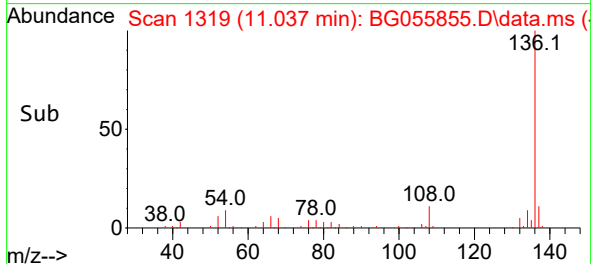
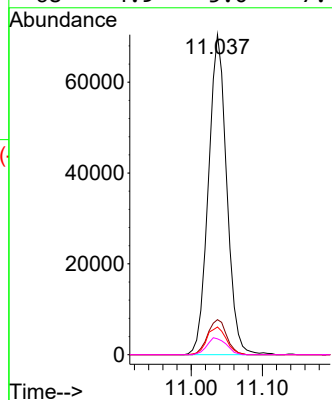
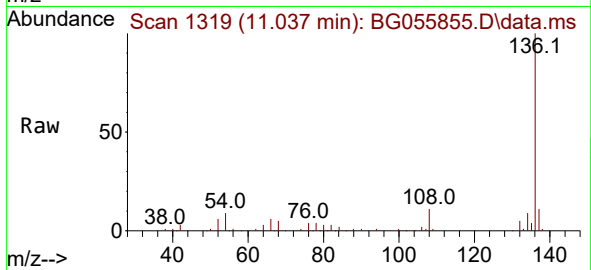




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

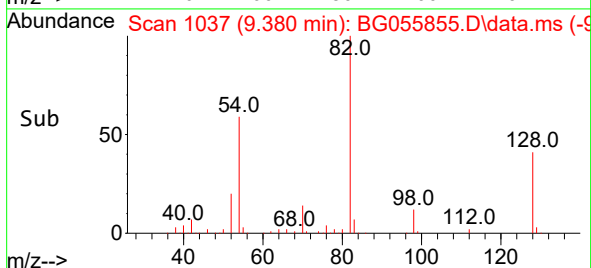
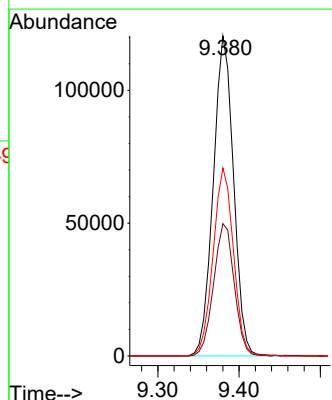
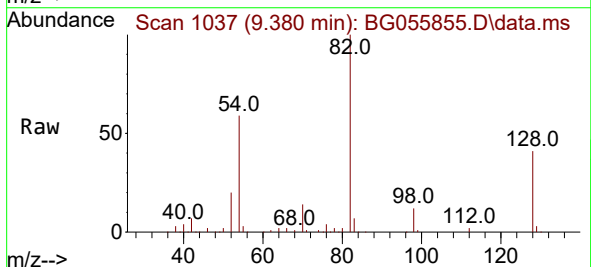
Instrument :
BNA_G
ClientSampleId :
PB149346BL

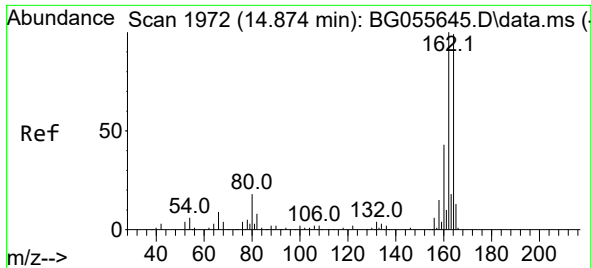
Tgt Ion:136 Resp: 126219
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.6 7.8 11.6
68 4.9 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 87.540 ng
RT: 9.380 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

Tgt Ion: 82 Resp: 209048
Ion Ratio Lower Upper
82 100
128 41.3 34.1 51.1
54 58.7 47.3 70.9

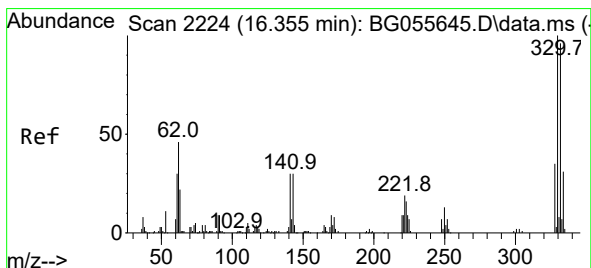
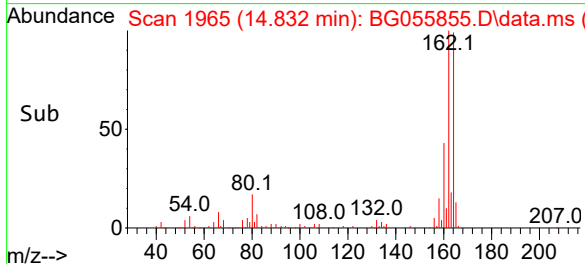
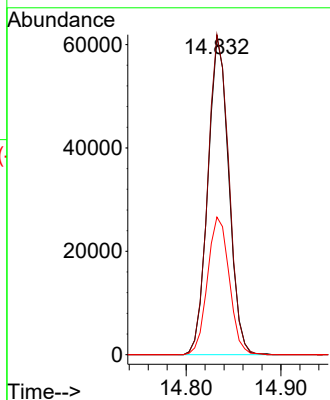
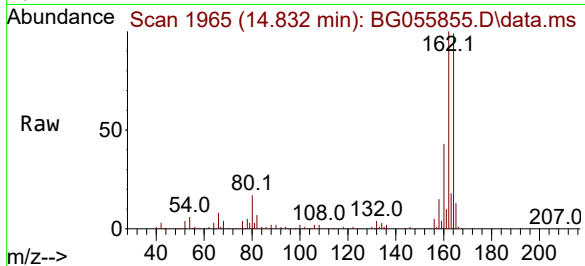




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.832 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

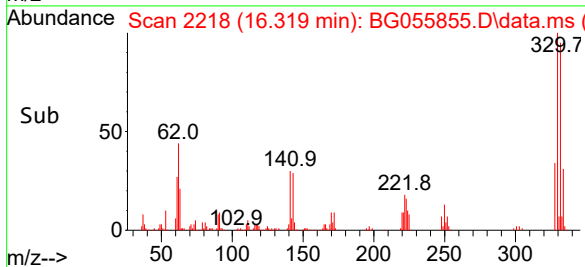
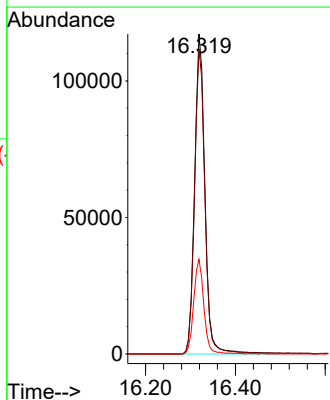
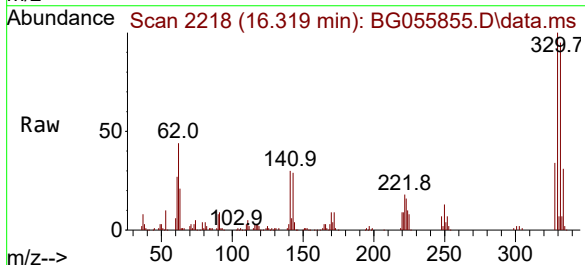
Instrument :
BNA_G
ClientSampleId :
PB149346BL

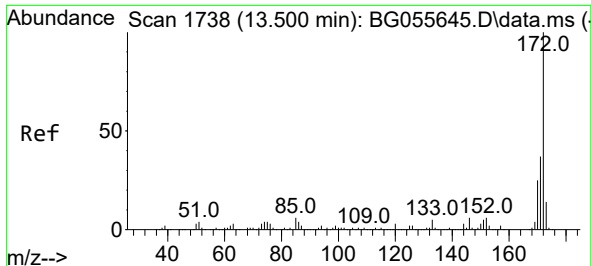
Tgt Ion:164 Resp: 94041
Ion Ratio Lower Upper
164 100
162 100.7 81.1 121.7
160 43.3 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 141.222 ng
RT: 16.319 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

Tgt Ion:330 Resp: 187009
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 28.9 23.9 35.9

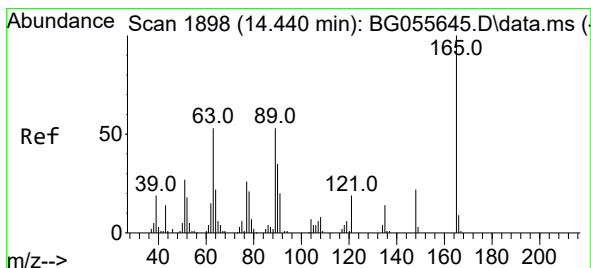
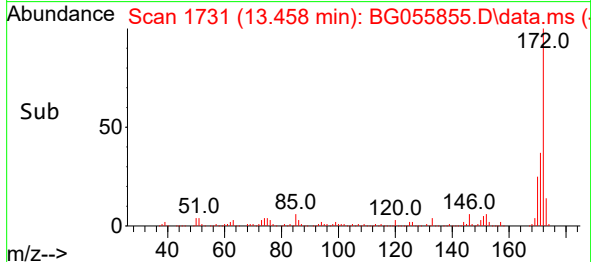
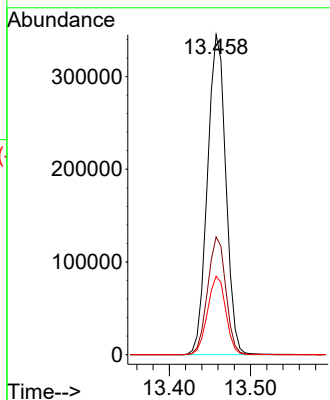
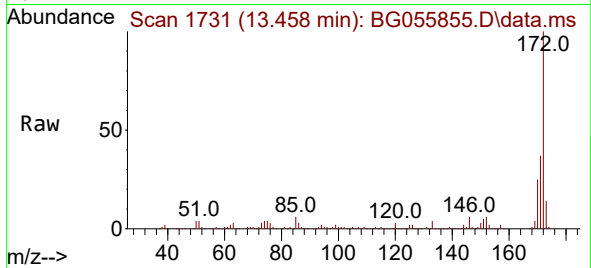




#45
2-Fluorobiphenyl
Concen: 86.226 ng
RT: 13.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

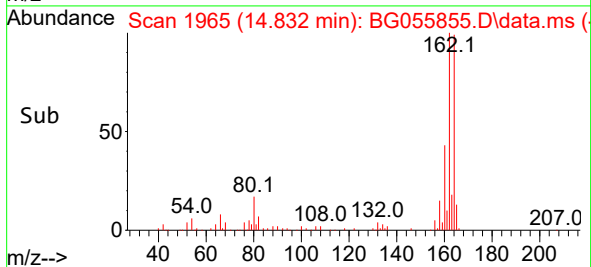
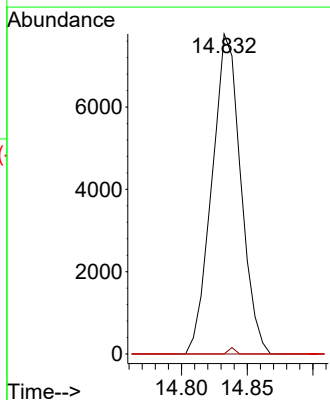
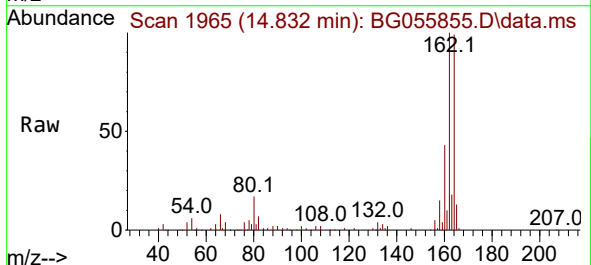
Instrument :
BNA_G
ClientSampleId :
PB149346BL

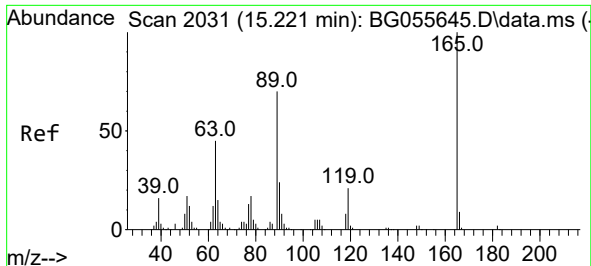
Tgt Ion:172 Resp: 541261
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.749 ng
RT: 14.832 min Scan# 1965
Delta R.T. 0.423 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

Tgt Ion:165 Resp: 11878
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.496 ng

RT: 14.832 min Scan# 14

Delta R.T. -0.365 min

Lab File: BG055855.D

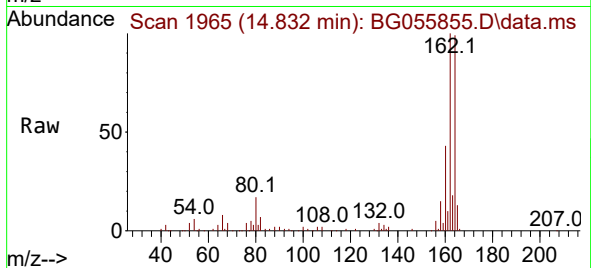
Acq: 1 Dec 2022 13:01

Instrument :

BNA_G

ClientSampleId :

PB149346BL



Tgt Ion:165 Resp: 11878

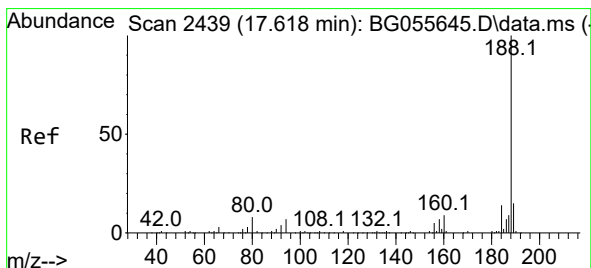
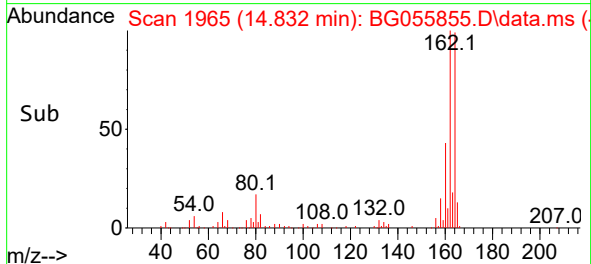
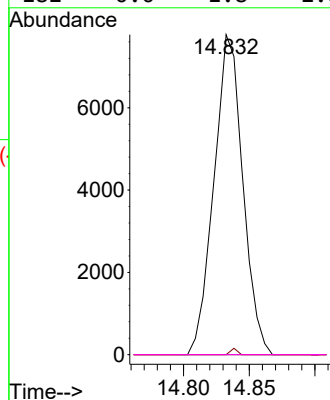
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.576 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BG055855.D

Acq: 1 Dec 2022 13:01

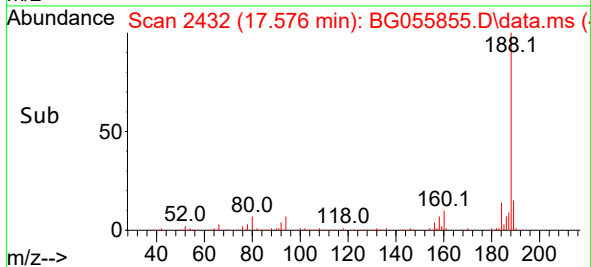
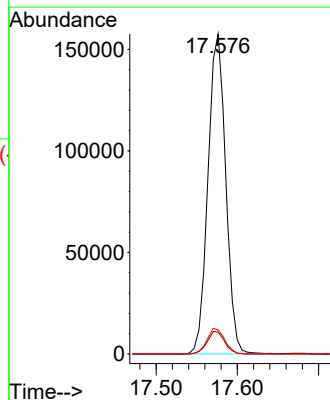
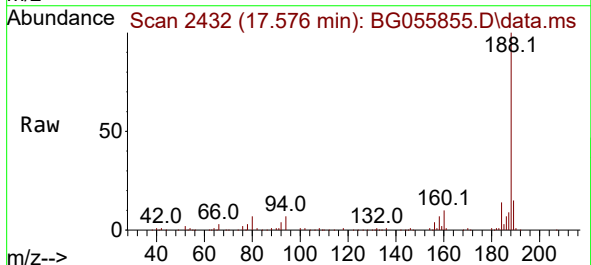
Tgt Ion:188 Resp: 238734

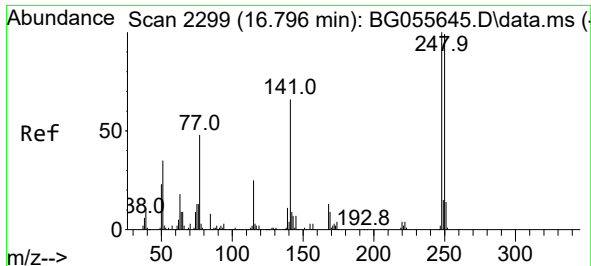
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 7.5 6.6 10.0

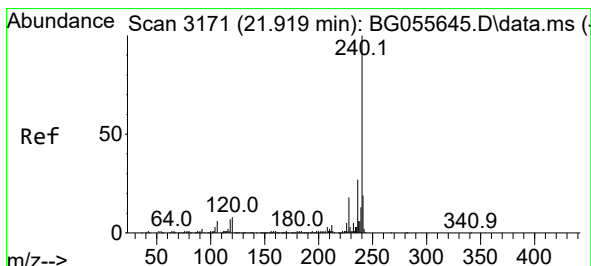
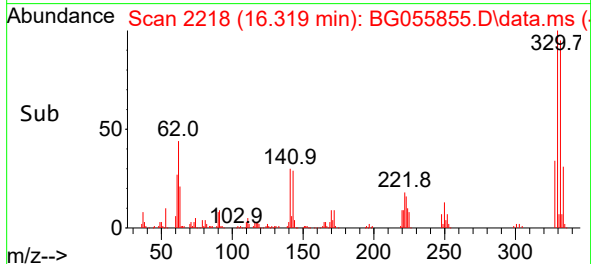
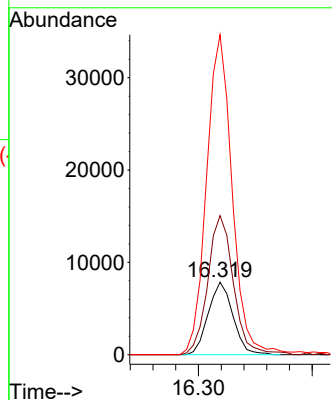
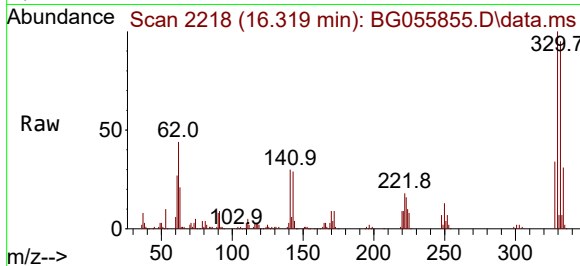




#67
4-Bromophenyl-phenylether
Concen: 4.353 ng
RT: 16.319 min Scan# 211
Delta R.T. -0.435 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

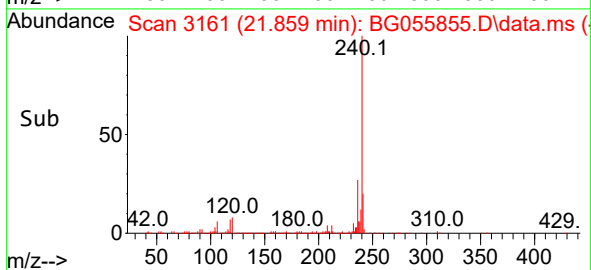
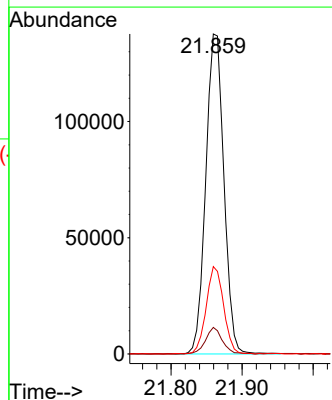
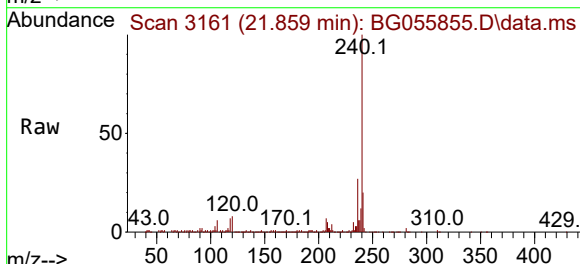
Instrument :
BNA_G
ClientSampleId :
PB149346BL

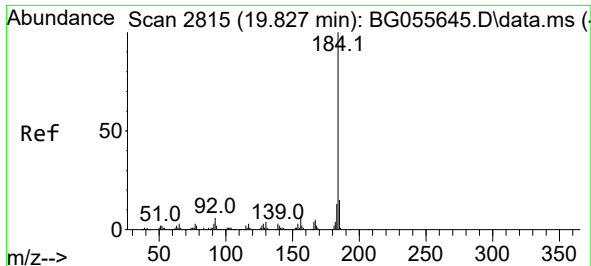
Tgt Ion:248 Resp: 11841
Ion Ratio Lower Upper
248 100
250 191.5 79.0 118.4#
141 441.0 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.859 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

Tgt Ion:240 Resp: 244850
Ion Ratio Lower Upper
240 100
120 8.3 6.3 9.5
236 27.3 21.9 32.9

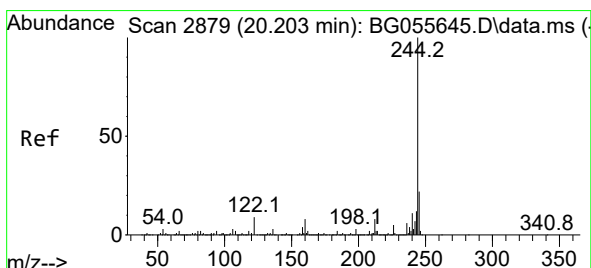
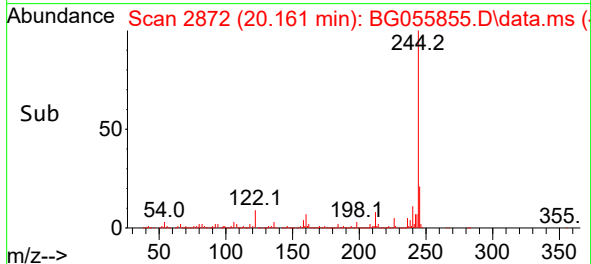
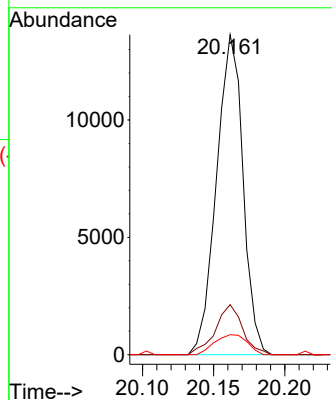
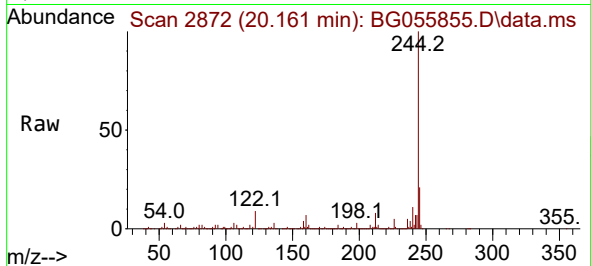




#77
Benzidine
Concen: 3.114 ng
RT: 20.161 min Scan# 2872
Delta R.T. 0.376 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

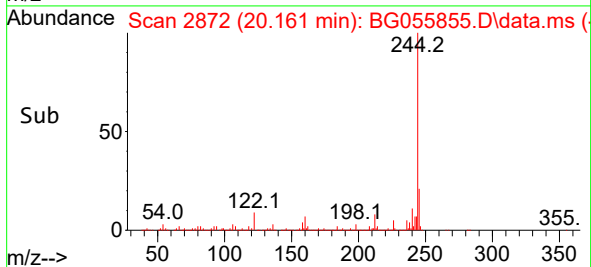
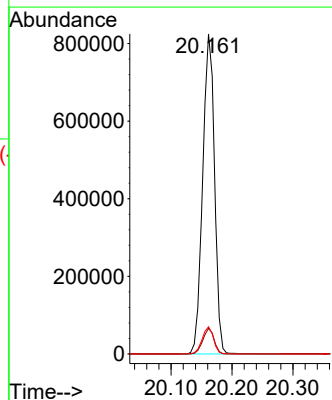
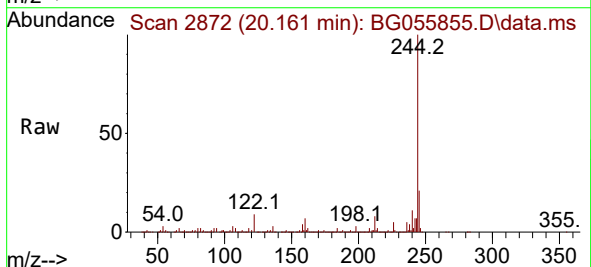
Instrument :
BNA_G
ClientSampleId :
PB149346BL

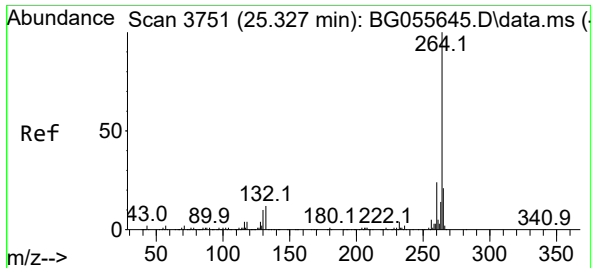
Tgt Ion:184 Resp: 17639
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.8
183 6.3 10.6 15.8#



#79
Terphenyl-d14
Concen: 91.072 ng
RT: 20.161 min Scan# 2872
Delta R.T. -0.000 min
Lab File: BG055855.D
Acq: 1 Dec 2022 13:01

Tgt Ion:244 Resp: 1114872
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 8.5 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.244 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055855.D
 Acq: 1 Dec 2022 13:01

Instrument :
 BNA_G
 ClientSampleId :
 PB149346BL

Tgt Ion:264 Resp: 259901
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.7 17.1 25.7

