

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055861.D
 Acq On : 1 Dec 2022 18:41
 Operator : CG/JU
 Sample : N5814-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-113022

Quant Time: Dec 02 04:11:24 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)

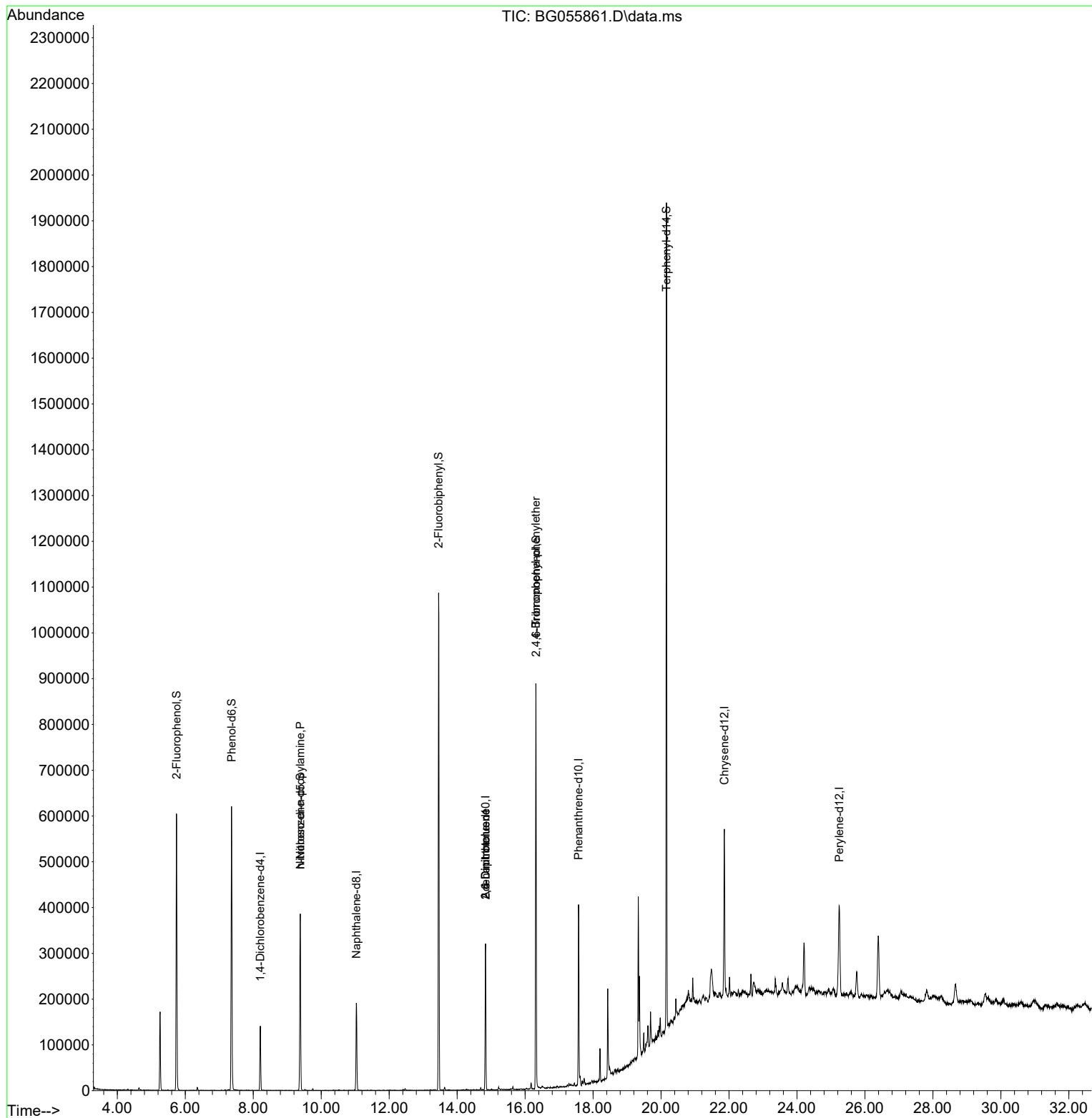
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	40402	20.000	ng	0.00
21) Naphthalene-d8	11.034	136	164977	20.000	ng	0.00
39) Acenaphthene-d10	14.836	164	115605	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	251940	20.000	ng	0.00
76) Chrysene-d12	21.863	240	236277	20.000	ng	0.00
86) Perylene-d12	25.247	264	253551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	268637	120.184	ng	0.00
7) Phenol-d6	7.362	99	352798	118.570	ng	0.00
23) Nitrobenzene-d5	9.383	82	225245	72.163	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	185041	113.671	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	573673	74.342	ng	0.00
79) Terphenyl-d14	20.159	244	886030	75.004	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.383	70	30888	13.511	ng	Qvalue
51) 2,6-Dinitrotoluene	14.836	165	15445	8.197	ng	# 72
57) 2,4-Dinitrotoluene	14.836	165	15445	5.814	ng	# 25
67) 4-Bromophenyl-phenylether	16.316	248	11974	4.171	ng	# 1

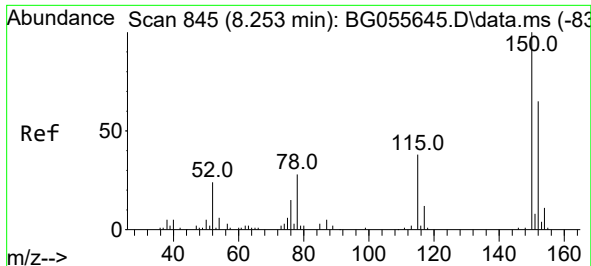
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 02 04:07:17 2022
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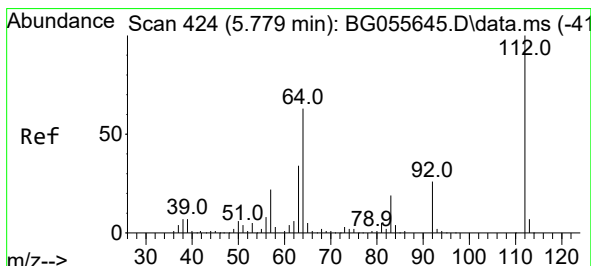
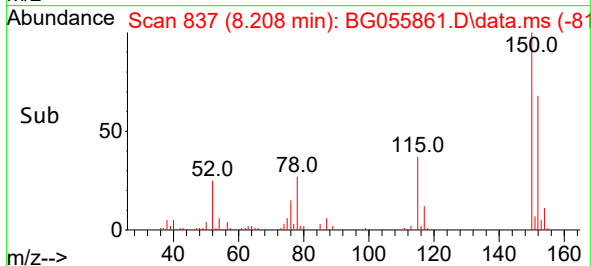
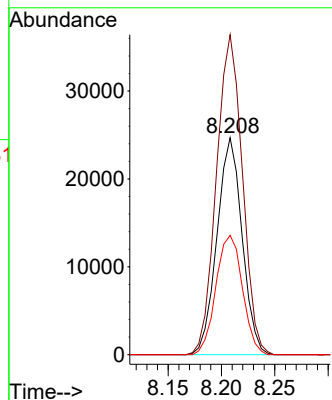
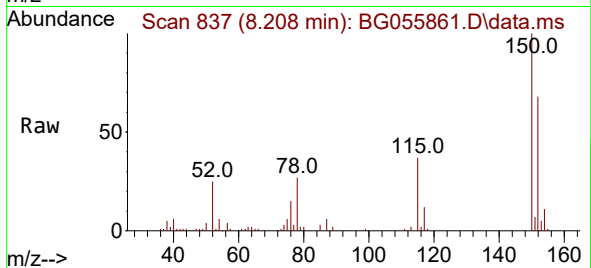




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

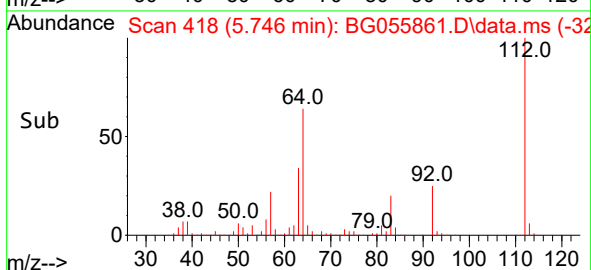
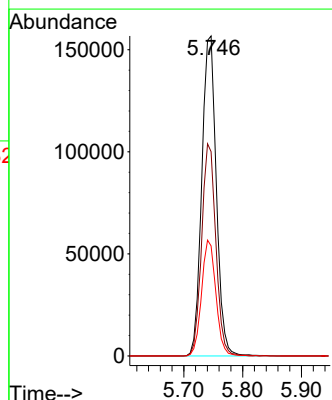
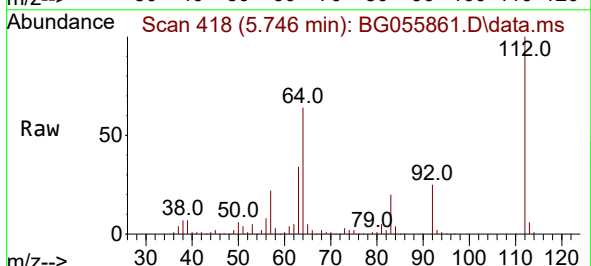
Instrument :
BNA_G
ClientSampleId :
NB-08-113022

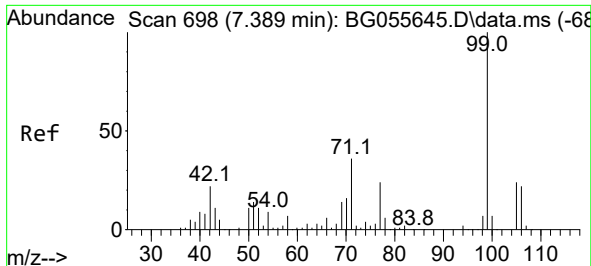
Tgt Ion:152 Resp: 40402
Ion Ratio Lower Upper
152 100
150 147.5 123.0 184.6
115 55.0 47.0 70.4



#5
2-Fluorophenol
Concen: 120.184 ng
RT: 5.746 min Scan# 418
Delta R.T. 0.008 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:112 Resp: 268637
Ion Ratio Lower Upper
112 100
64 63.8 50.6 76.0
63 34.4 27.5 41.3

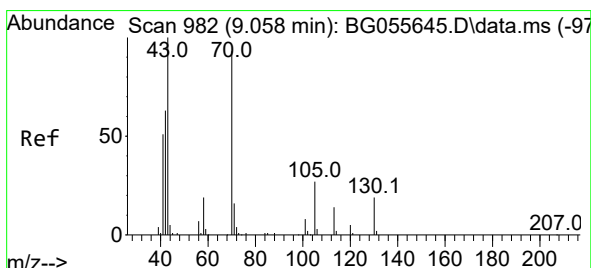
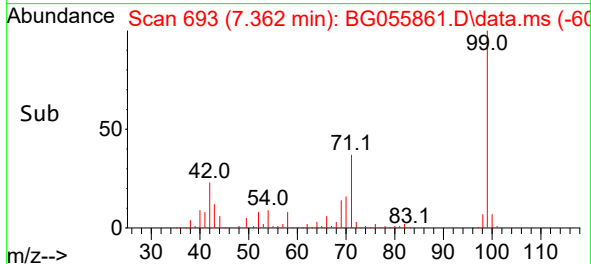
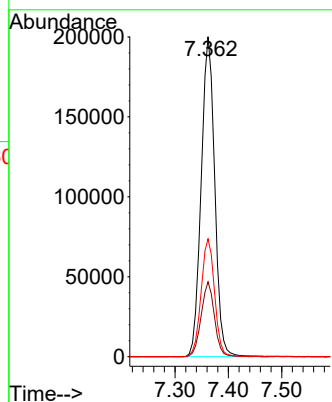
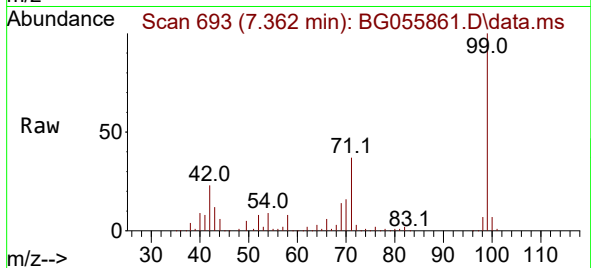




#7
Phenol-d6
Concen: 118.570 ng
RT: 7.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

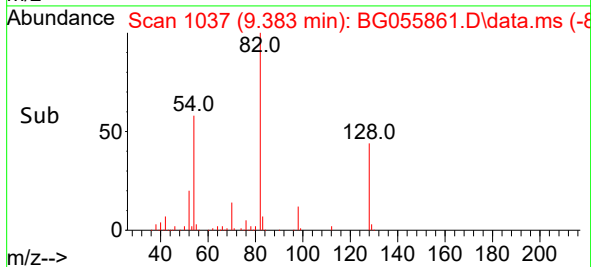
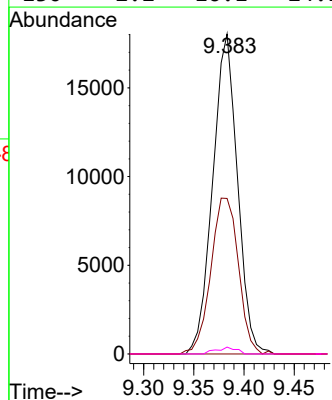
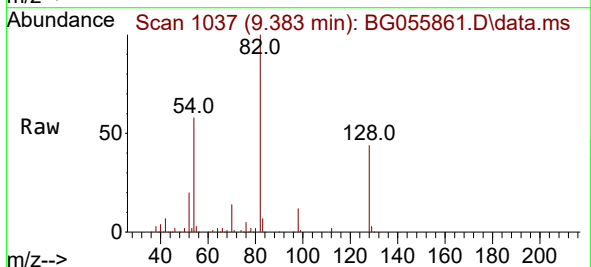
Instrument :
BNA_G
ClientSampleId :
NB-08-113022

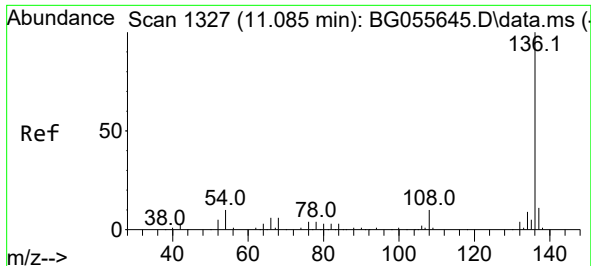
Tgt Ion: 99 Resp: 352798
Ion Ratio Lower Upper
99 100
42 23.4 18.0 27.0
71 36.8 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.511 ng
RT: 9.383 min Scan# 1037
Delta R.T. 0.373 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion: 70 Resp: 30888
Ion Ratio Lower Upper
70 100
42 48.6 55.2 82.8#
101 0.0 7.1 10.7#
130 2.2 16.1 24.1#

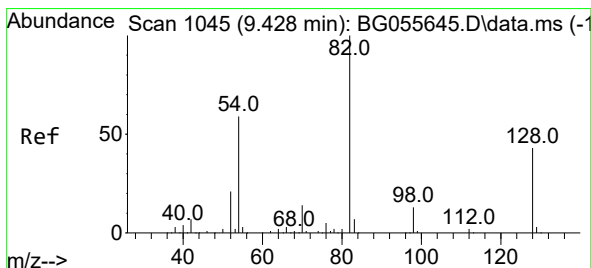
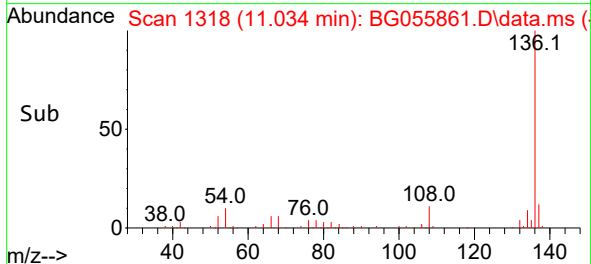
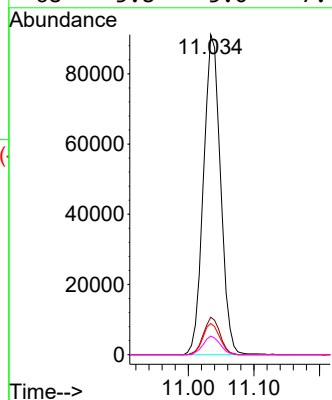
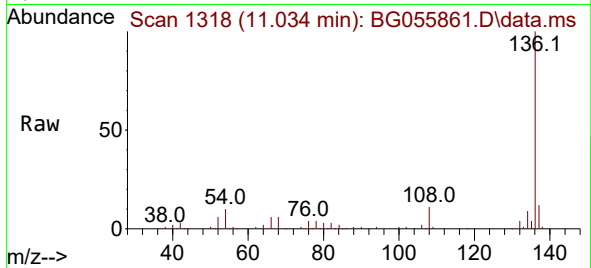




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

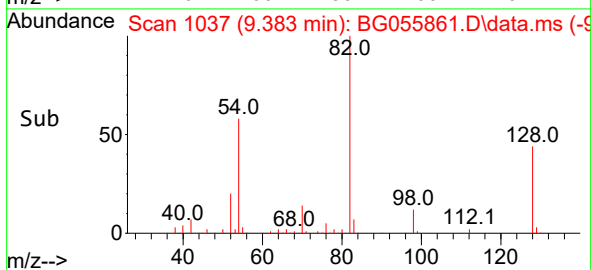
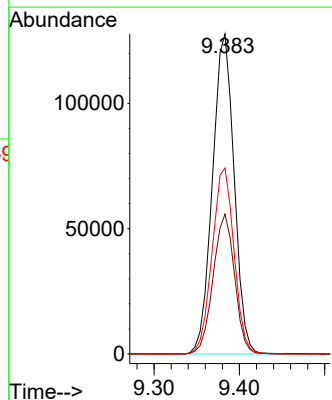
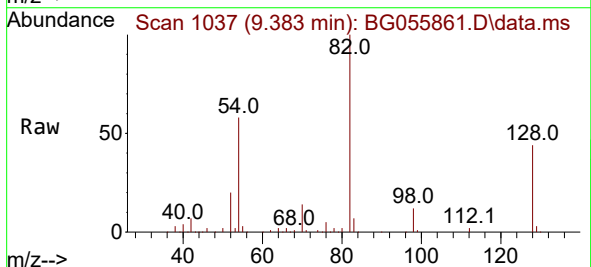
Instrument :
BNA_G
ClientSampleId :
NB-08-113022

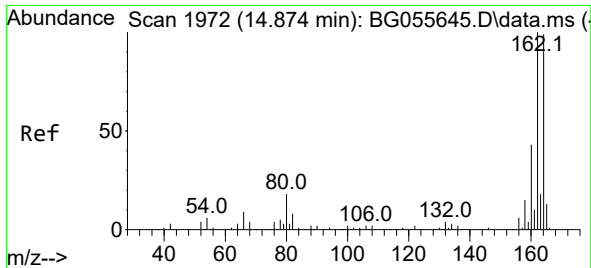
Tgt Ion:136 Resp: 164977
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.7 7.8 11.6
68 5.8 5.0 7.4



#23
Nitrobenzene-d5
Concen: 72.163 ng
RT: 9.383 min Scan# 1037
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion: 82 Resp: 225245
Ion Ratio Lower Upper
82 100
128 43.7 34.1 51.1
54 58.1 47.3 70.9

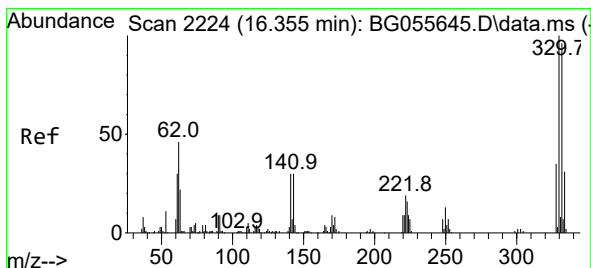
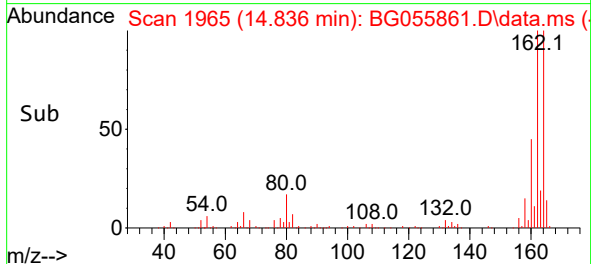
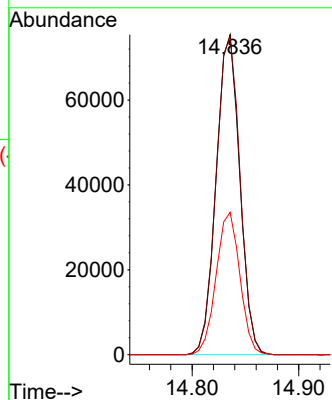
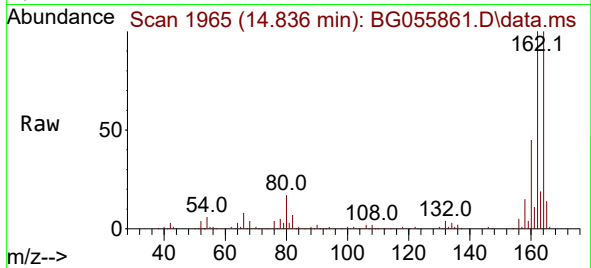




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.836 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

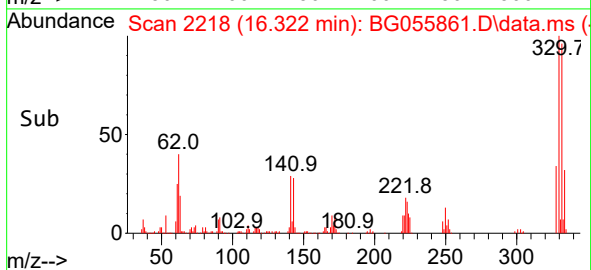
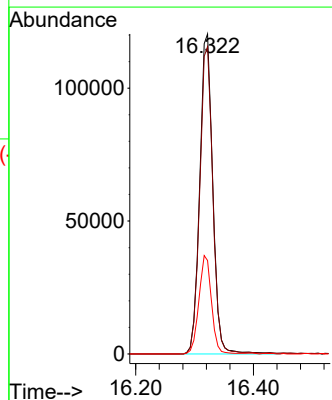
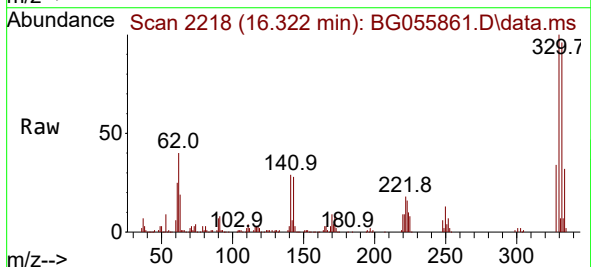
Instrument :
BNA_G
ClientSampleId :
NB-08-113022

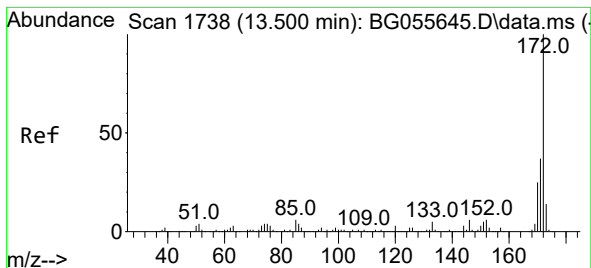
Tgt Ion:164 Resp: 115605
Ion Ratio Lower Upper
164 100
162 99.6 81.1 121.7
160 44.5 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 113.671 ng
RT: 16.322 min Scan# 2218
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:330 Resp: 185041
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 29.7 23.9 35.9

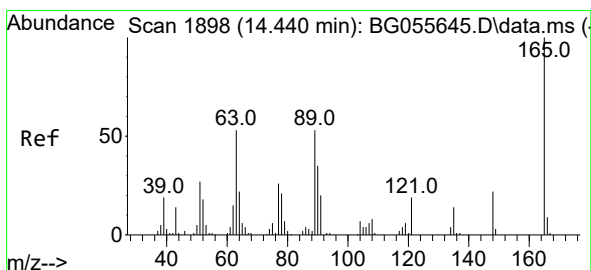
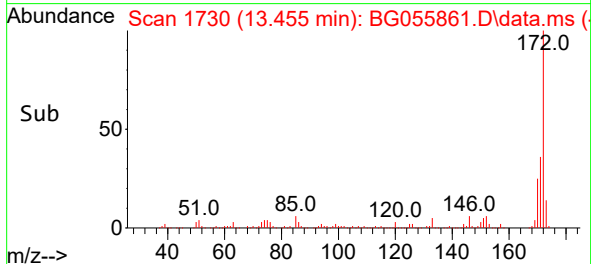
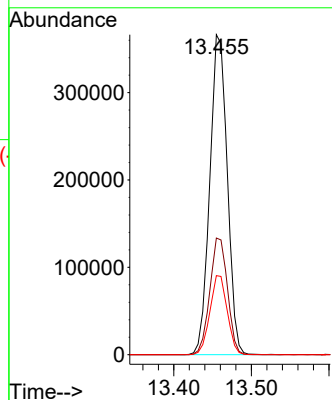
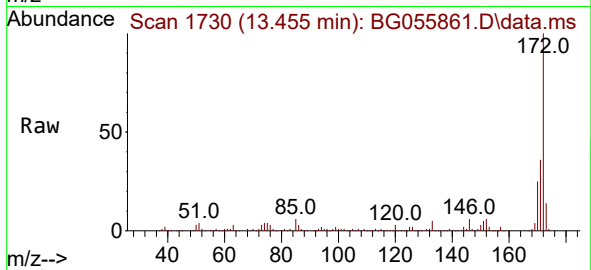




#45
2-Fluorobiphenyl
Concen: 74.342 ng
RT: 13.455 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

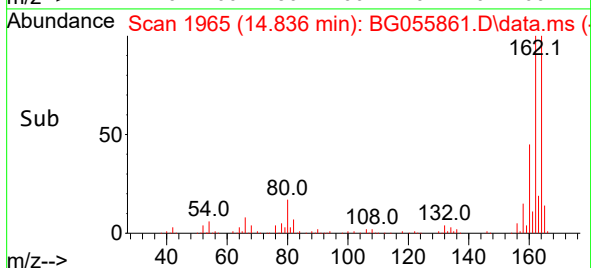
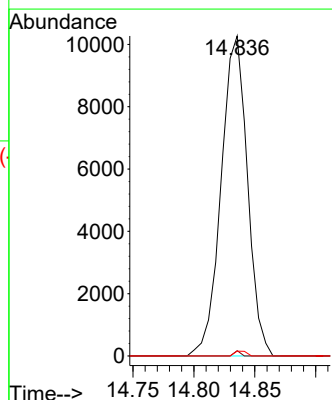
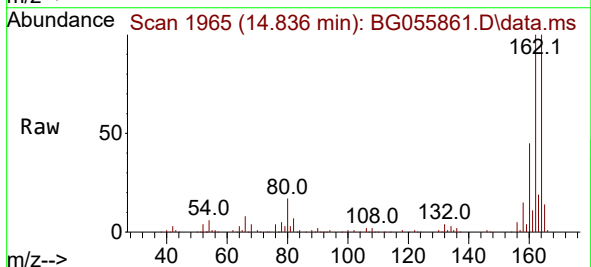
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NB-08-113022

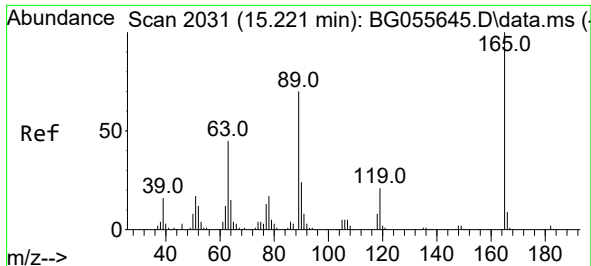
Tgt Ion:172 Resp: 573673
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.197 ng
RT: 14.836 min Scan# 1965
Delta R.T. 0.426 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:165 Resp: 15445
Ion Ratio Lower Upper
165 100
63 1.6 44.6 66.8#
89 1.5 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.814 ng

RT: 14.836 min Scan# 1965

Delta R.T. -0.362 min

Lab File: BG055861.D

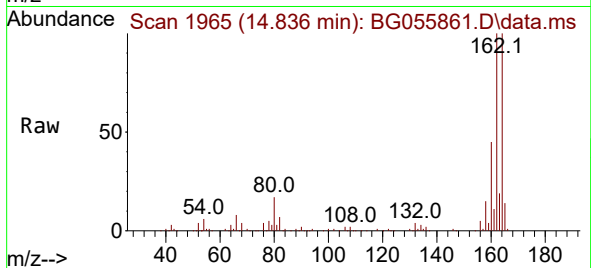
Acq: 1 Dec 2022 18:41

Instrument :

BNA_G

ClientSampleId :

NB-08-113022



Tgt Ion:165 Resp: 15445

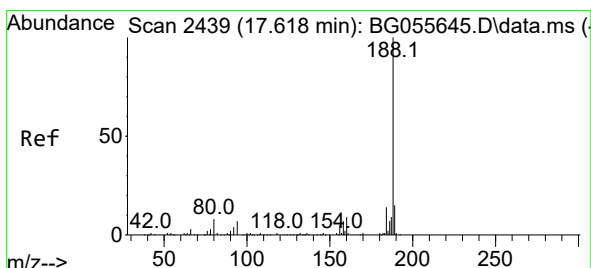
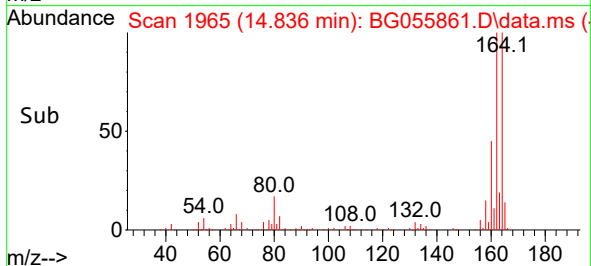
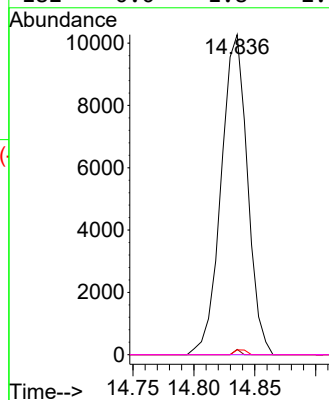
Ion Ratio Lower Upper

165 100

63 1.6 35.8 53.8#

89 1.5 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.574 min Scan# 2431

Delta R.T. -0.003 min

Lab File: BG055861.D

Acq: 1 Dec 2022 18:41

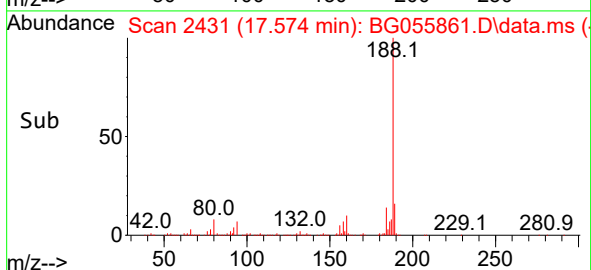
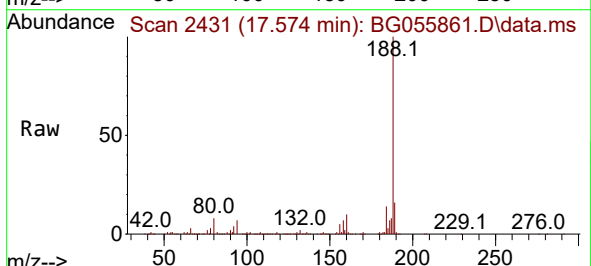
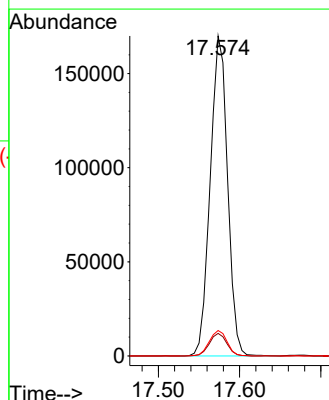
Tgt Ion:188 Resp: 251940

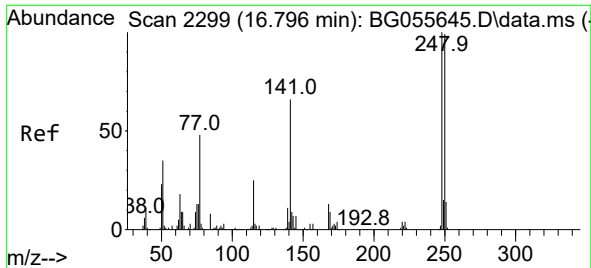
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.0 6.6 10.0

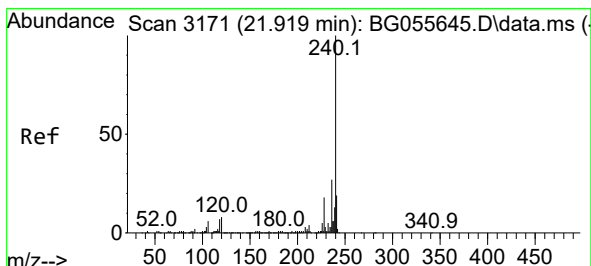
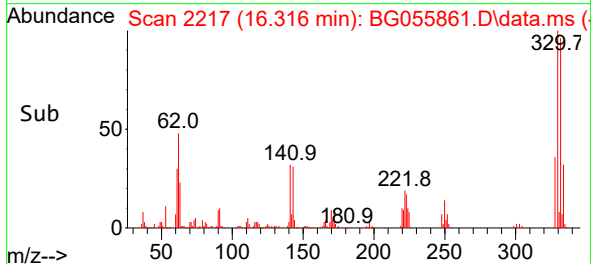
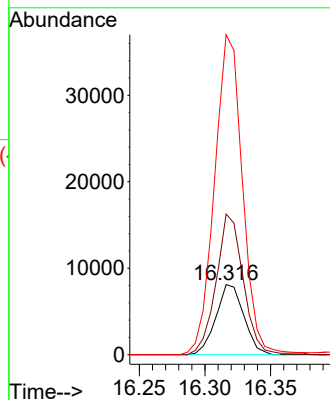
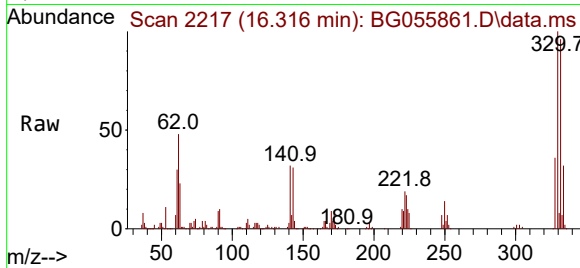




#67
4-Bromophenyl-phenylether
Concen: 4.171 ng
RT: 16.316 min Scan# 211
Delta R.T. -0.438 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

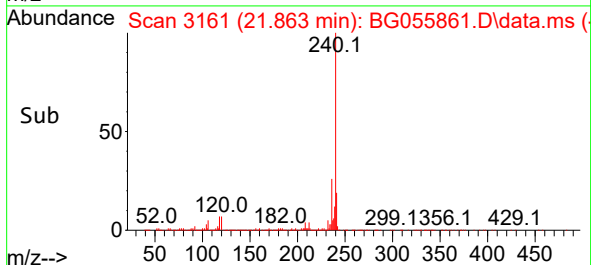
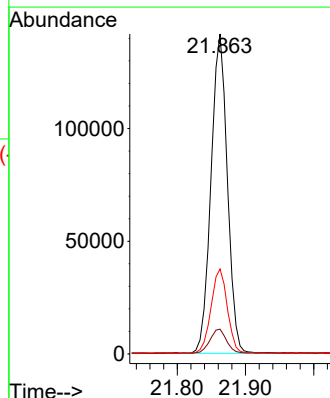
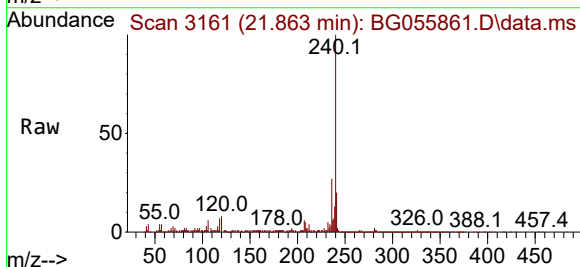
Instrument :
BNA_G
ClientSampleId :
NB-08-113022

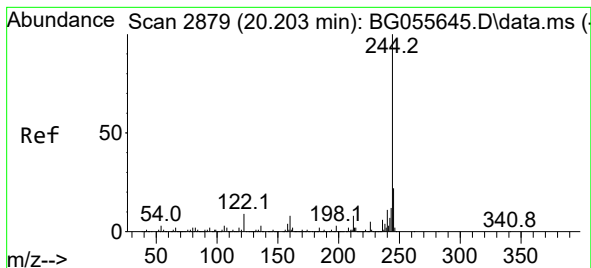
Tgt Ion:248 Resp: 11974
Ion Ratio Lower Upper
248 100
250 200.9 79.0 118.4#
141 457.0 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:240 Resp: 236277
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 26.5 21.9 32.9





#79

Terphenyl-d14

Concen: 75.004 ng

RT: 20.159 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG055861.D

Acq: 1 Dec 2022 18:41

Instrument :

BNA_G

ClientSampleId :

NB-08-113022

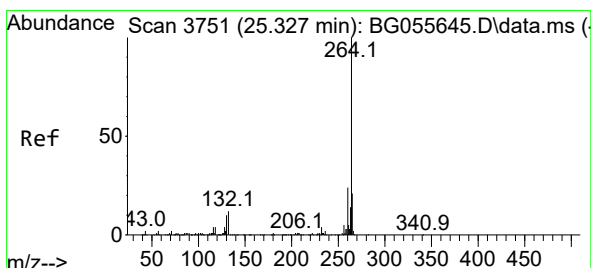
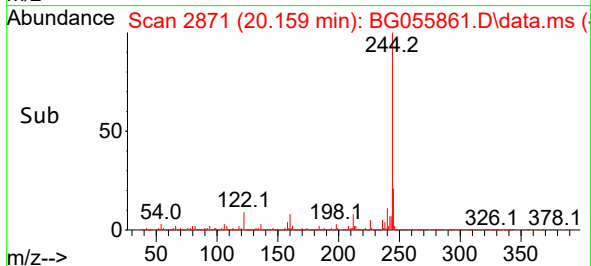
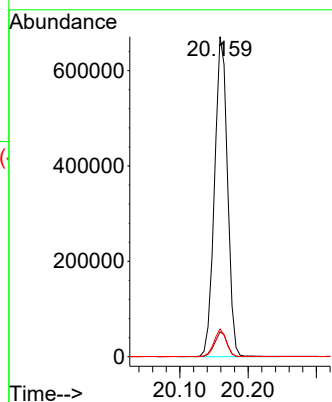
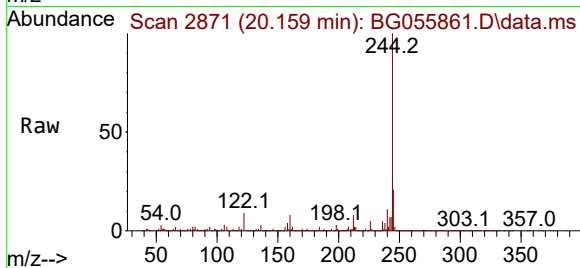
Tgt Ion:244 Resp: 886030

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

122 8.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.247 min Scan# 3737

Delta R.T. -0.003 min

Lab File: BG055861.D

Acq: 1 Dec 2022 18:41

Tgt Ion:264 Resp: 253551

Ion Ratio Lower Upper

264 100

260 25.3 19.5 29.3

265 23.1 17.1 25.7

