

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
 Data File : BG056012.D
 Acq On : 19 Dec 2022 14:01
 Operator : CG/JU
 Sample : N6065-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-S

Quant Time: Dec 20 01:06:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 01:01:12 2022
 Response via : Initial Calibration

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

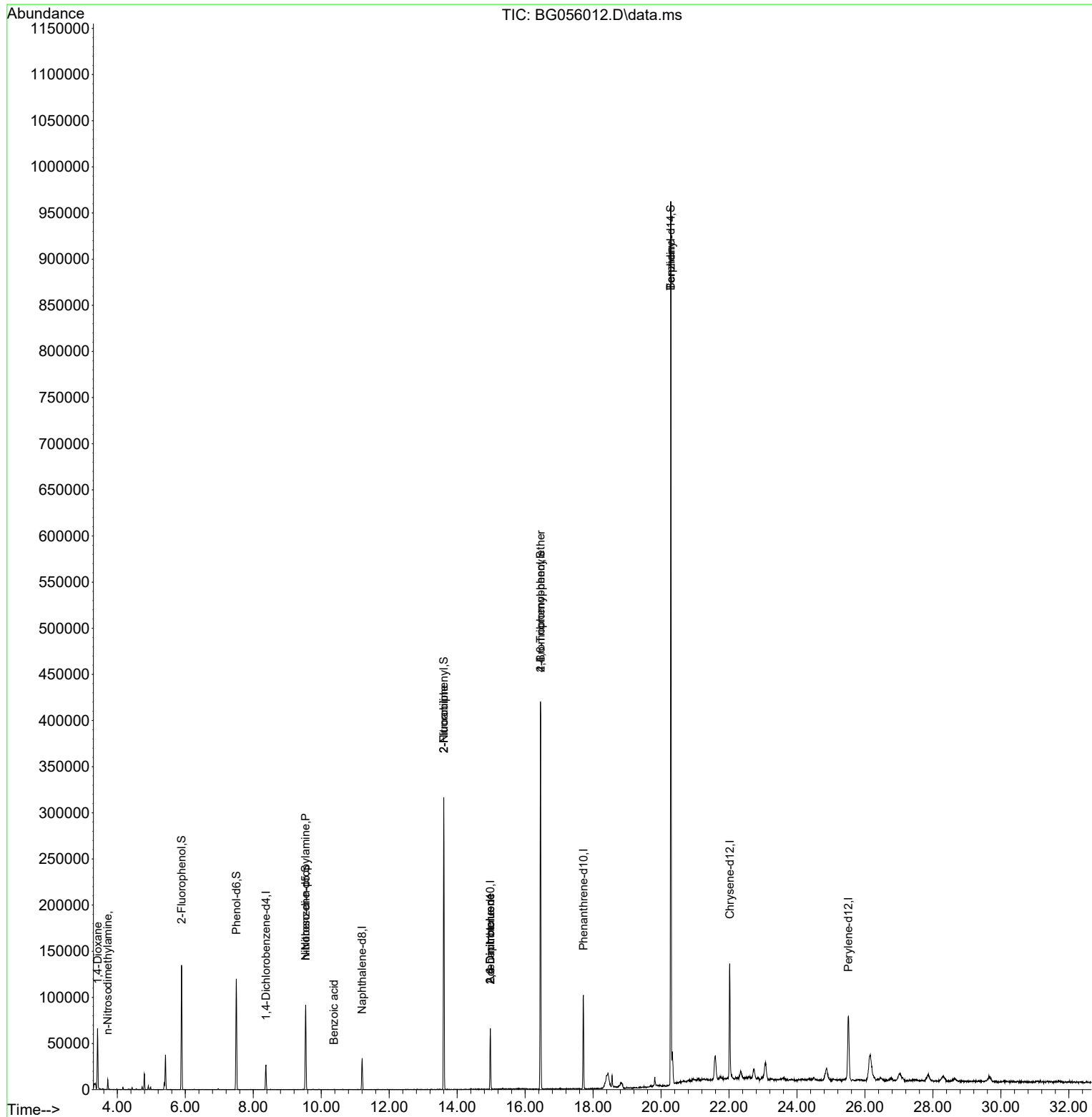
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	8424	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	29862	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	25235	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	76246	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	84785	20.000	ng	-0.01
86) Perylene-d12	25.509	264	89871	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	55297	153.943	ng	0.00
7) Phenol-d6	7.501	99	59014	127.739	ng	0.00
23) Nitrobenzene-d5	9.540	82	48420	113.311	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	112510	184.900	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	174420	96.937	ng	0.00
79) Terphenyl-d14	20.286	244	519654	108.325	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.417	88	381	3.645	ng	# 1
4) n-Nitrosodimethylamine	3.717	42	997	3.224	ng	# 19
19) n-Nitroso-di-n-propyla...	9.540	70	7421	22.410	ng	# 63
32) Benzoic acid	10.374	122	56	5.629	ng	# 61
48) 2-Nitroaniline	13.606	65	88	3.117	ng	# 1
51) 2,6-Dinitrotoluene	14.975	165	3447	10.210	ng	# 25
57) 2,4-Dinitrotoluene	14.975	165	3447	6.764	ng	# 35
67) 4-Bromophenyl-phenylether	16.455	248	6151	5.506	ng	# 1
77) Benzidine	20.286	184	8141	5.468	ng	# 93

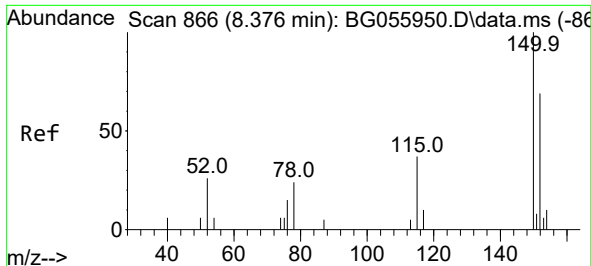
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056012.D
Acq On : 19 Dec 2022 14:01
Operator : CG/JU
Sample : N6065-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-S

Quant Time: Dec 20 01:06:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 01:01:12 2022
Response via : Initial Calibration

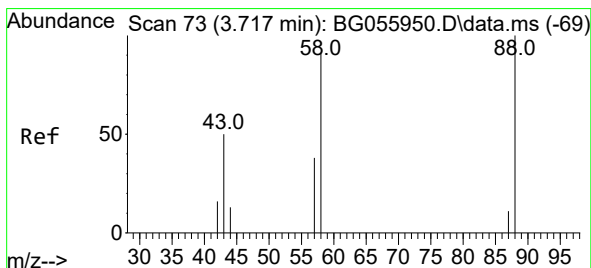
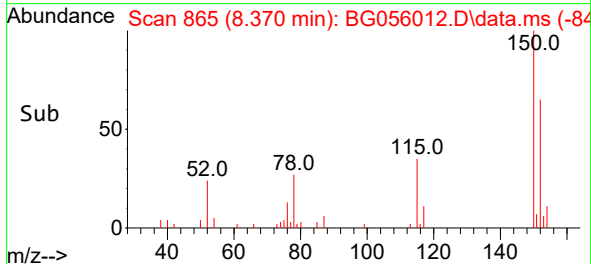
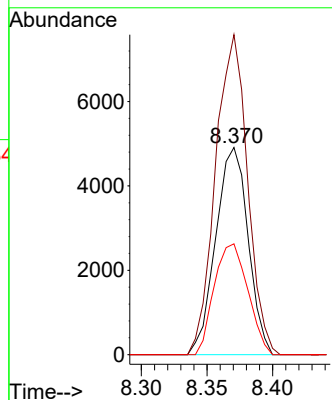
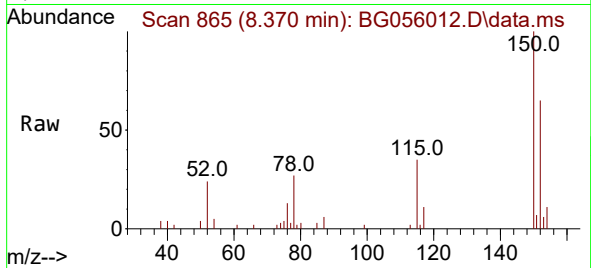




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

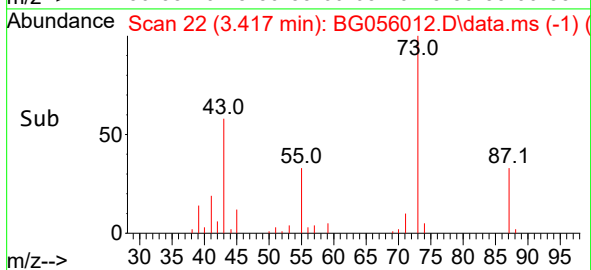
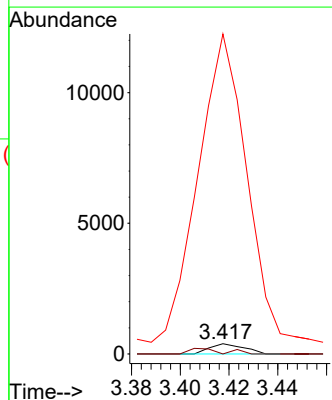
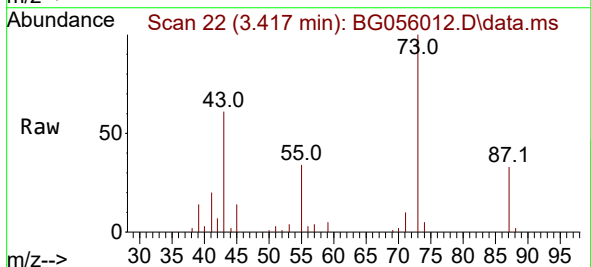
Instrument :
BNA_G
ClientSampleId :
TP-S

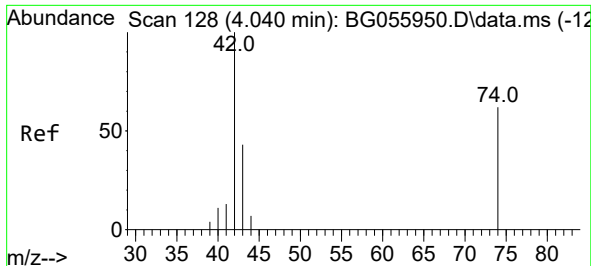
Tgt Ion:152 Resp: 8424
Ion Ratio Lower Upper
152 100
150 154.4 115.7 173.5
115 53.5 43.0 64.4



#2
1,4-Dioxane
Concen: 3.645 ng
RT: 3.417 min Scan# 22
Delta R.T. -0.293 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

Tgt Ion: 88 Resp: 381
Ion Ratio Lower Upper
88 100
58 52.8 67.0 100.4#
43 4652.8 45.7 68.5#

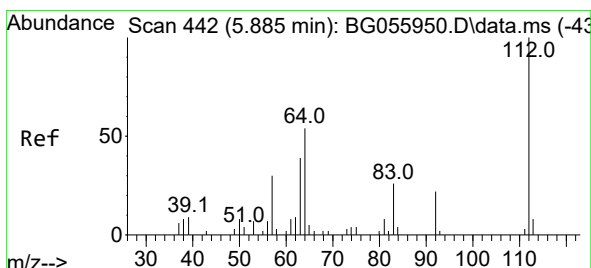
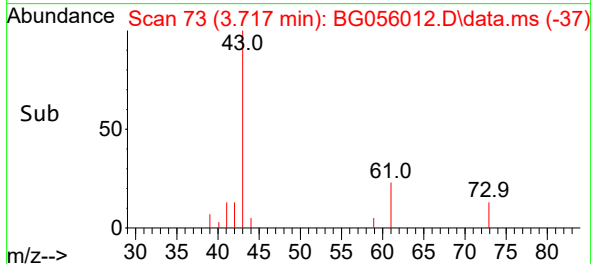
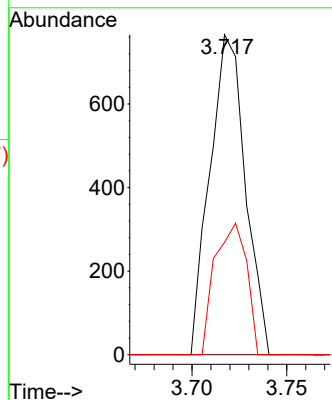
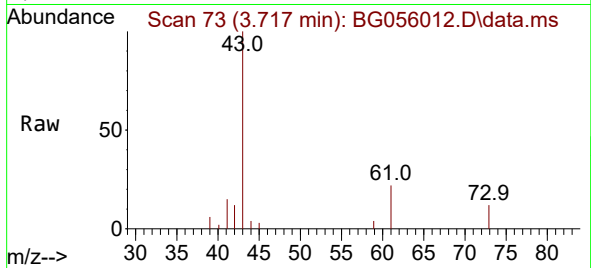




#4
n-Nitrosodimethylamine
Concen: 3.224 ng
RT: 3.717 min Scan# 71
Delta R.T. -0.317 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

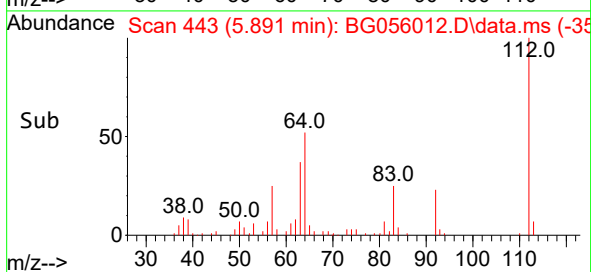
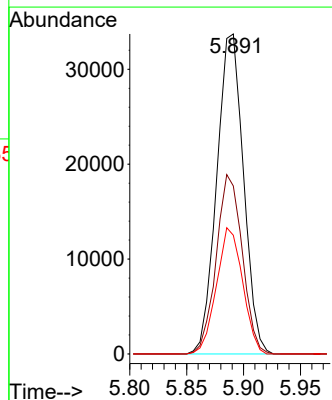
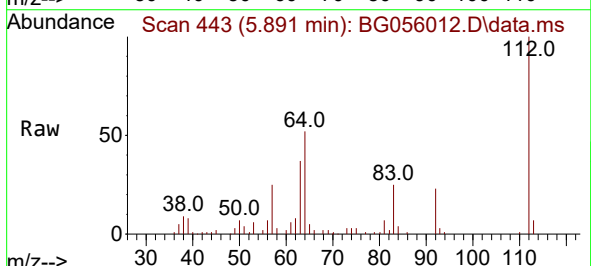
Instrument :
BNA_G
ClientSampleId :
TP-S

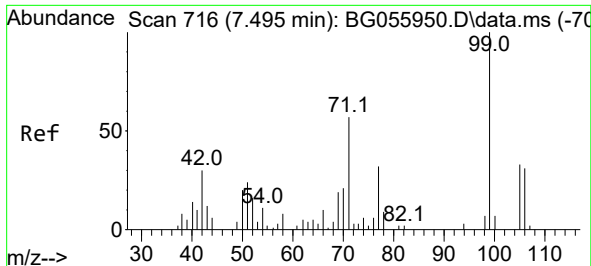
Tgt Ion: 42 Resp: 997
Ion Ratio Lower Upper
42 100
74 0.0 49.8 74.6#
44 35.1 5.2 7.8#



#5
2-Fluorophenol
Concen: 153.943 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.007 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

Tgt Ion: 112 Resp: 55297
Ion Ratio Lower Upper
112 100
64 52.5 43.0 64.4
63 37.1 31.4 47.2

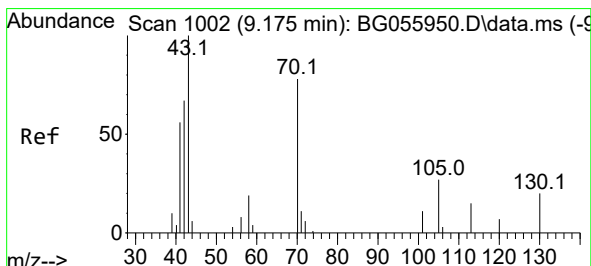
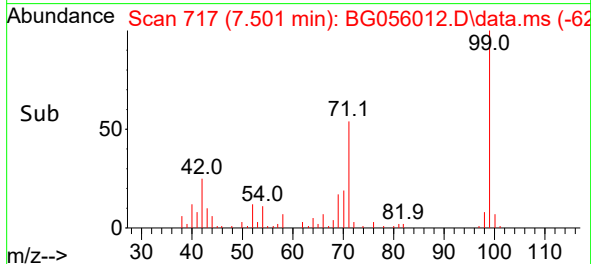
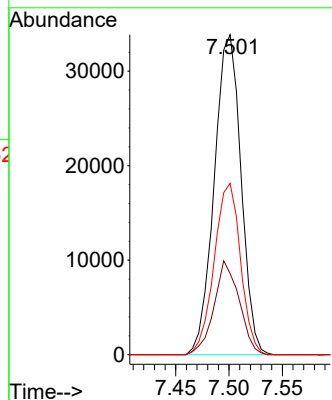
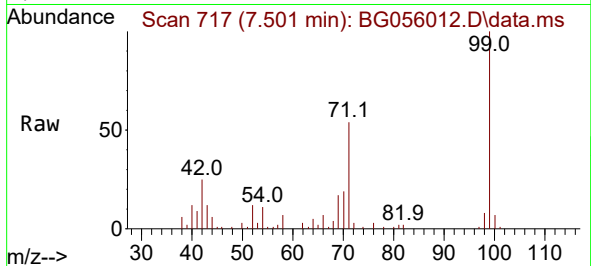




#7
Phenol-d6
Concen: 127.739 ng
RT: 7.501 min Scan# 716
Delta R.T. 0.007 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

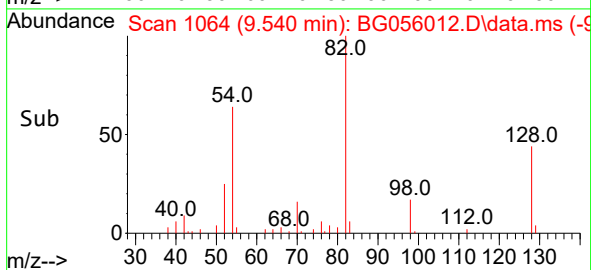
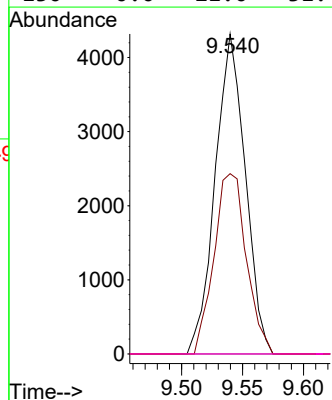
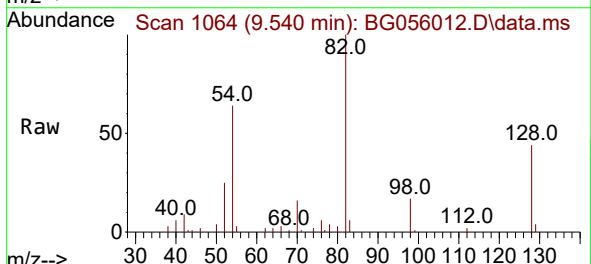
Instrument :
BNA_G
ClientSampleId :
TP-S

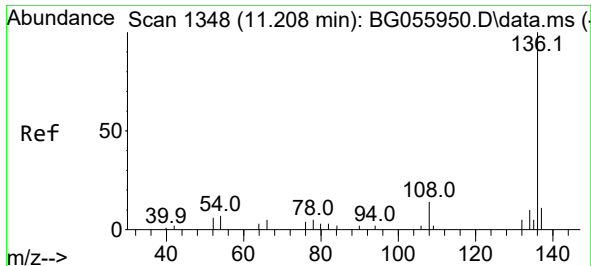
Tgt Ion: 99 Resp: 59014
Ion Ratio Lower Upper
99 100
42 25.4 24.3 36.5
71 53.5 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.410 ng
RT: 9.540 min Scan# 1064
Delta R.T. 0.365 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

Tgt Ion: 70 Resp: 7421
Ion Ratio Lower Upper
70 100
42 56.3 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

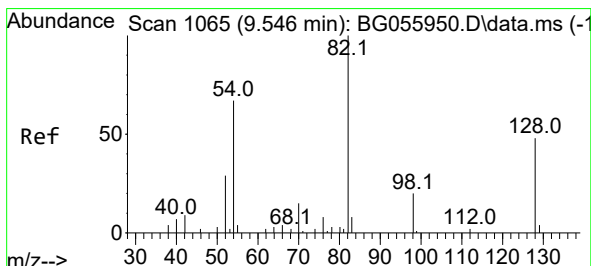
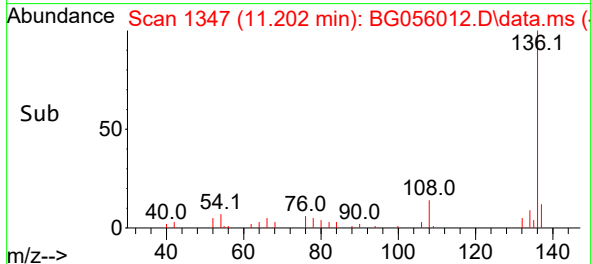
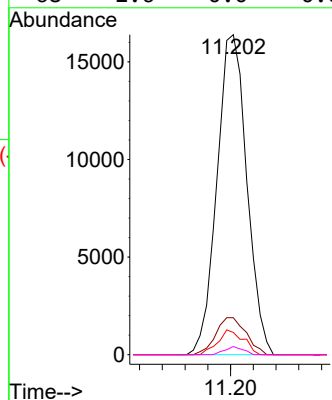
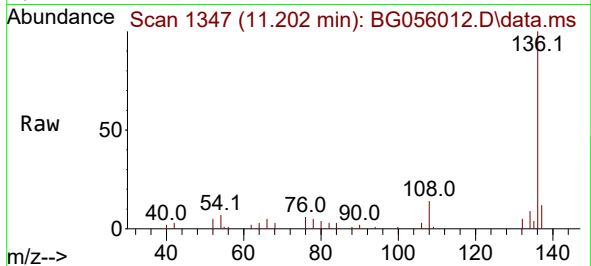




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

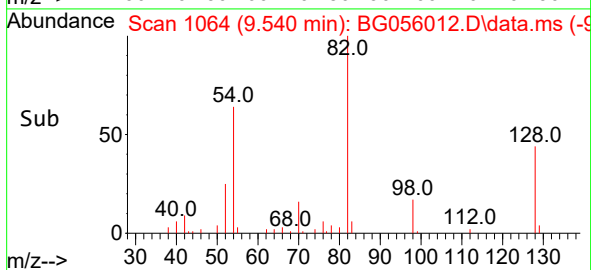
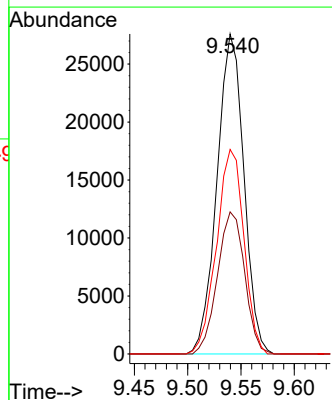
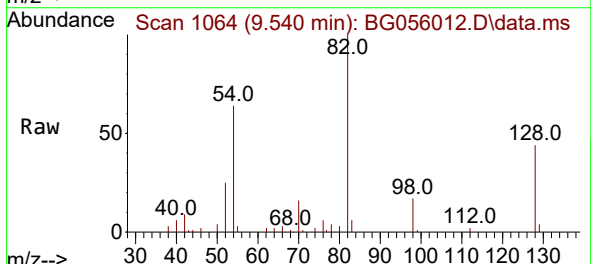
Instrument :
BNA_G
ClientSampleId :
TP-S

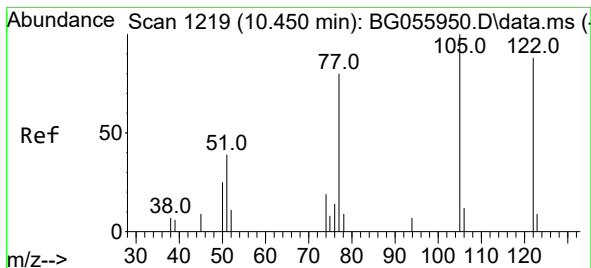
Tgt Ion:	136	Resp:	29862
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	7.0	5.6	8.4
68	2.6	0.0	0.0



#23
Nitrobenzene-d5
Concen: 113.311 ng
RT: 9.540 min Scan# 1064
Delta R.T. -0.005 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

Tgt Ion:	82	Resp:	48420
Ion Ratio	Lower	Upper	
82	100		
128	44.4	38.4	57.6
54	63.9	53.3	79.9





#32

Benzoic acid

Concen: 5.629 ng

RT: 10.374 min Scan# 11

Delta R.T. -0.087 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

Instrument :

BNA_G

ClientSampleId :

TP-S

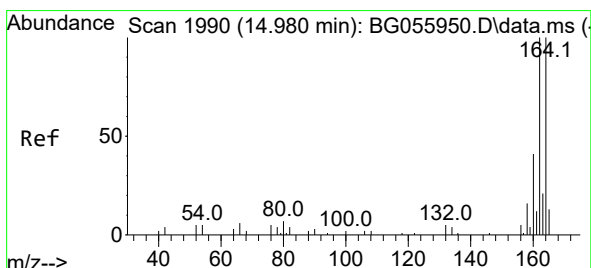
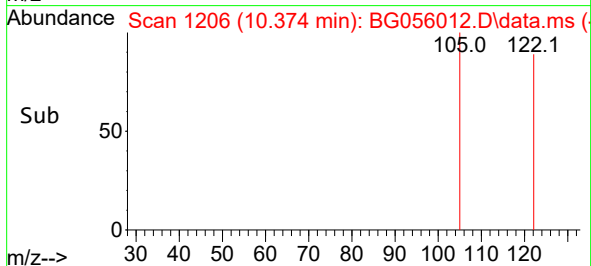
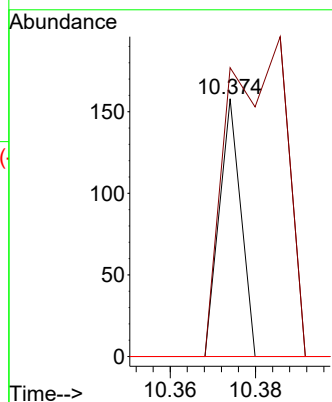
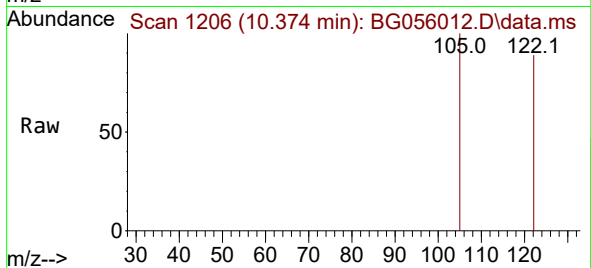
Tgt Ion:122 Resp: 56

Ion Ratio Lower Upper

122 100

105 112.0 90.6 130.6

77 0.0 61.0 101.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.975 min Scan# 1989

Delta R.T. -0.005 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

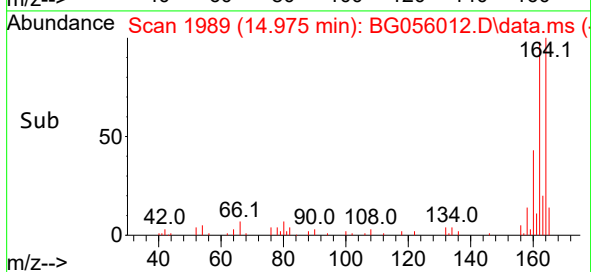
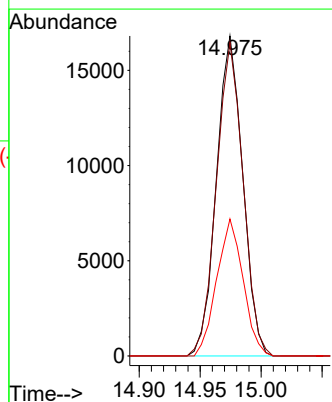
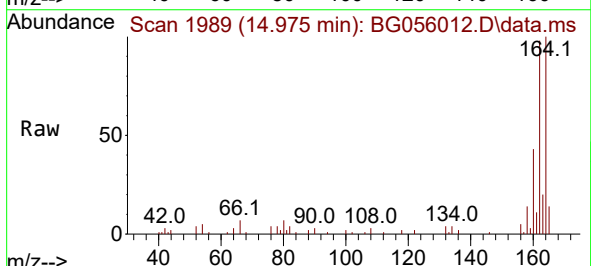
Tgt Ion:164 Resp: 25235

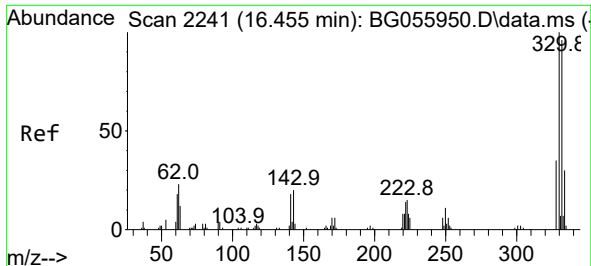
Ion Ratio Lower Upper

164 100

162 98.0 79.8 119.8

160 42.8 33.0 49.4

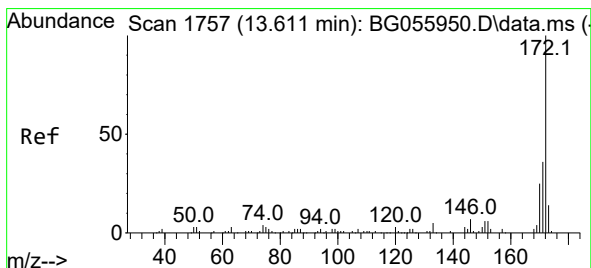
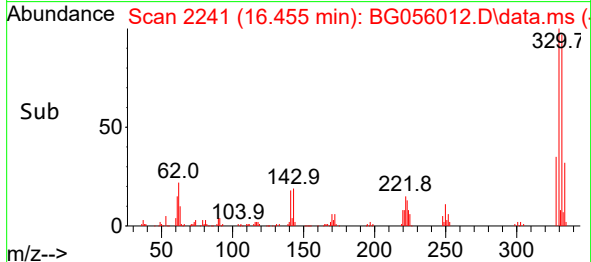
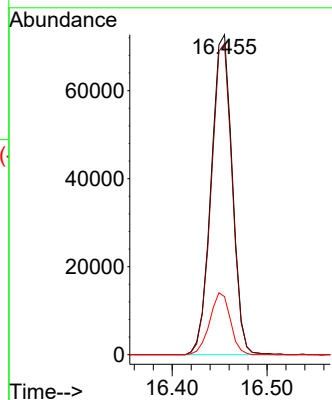
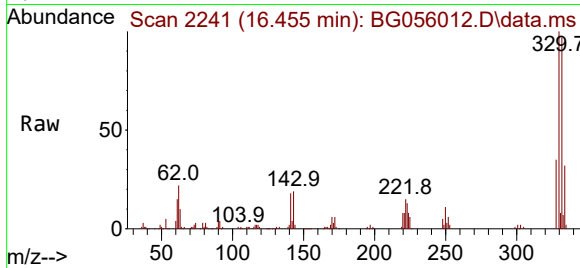




#42
2,4,6-Tribromophenol
Concen: 184.900 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

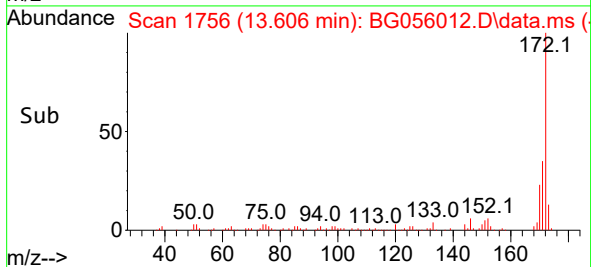
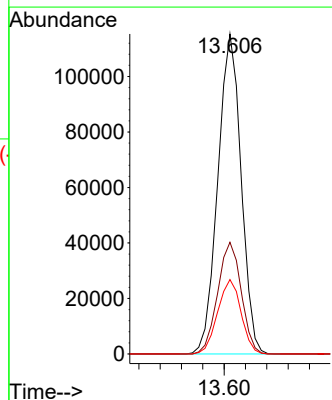
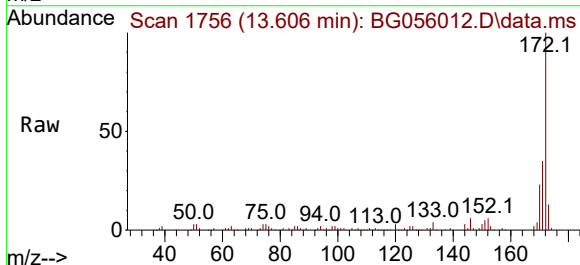
Instrument :
BNA_G
ClientSampleId :
TP-S

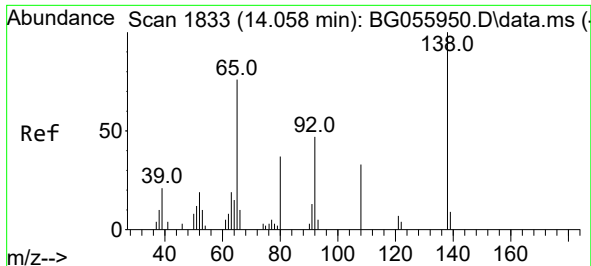
Tgt Ion:330 Resp: 112510
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 18.8 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 96.937 ng
RT: 13.606 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

Tgt Ion:172 Resp: 174420
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.3 19.9 29.9

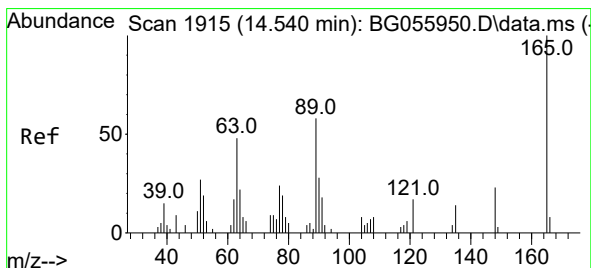
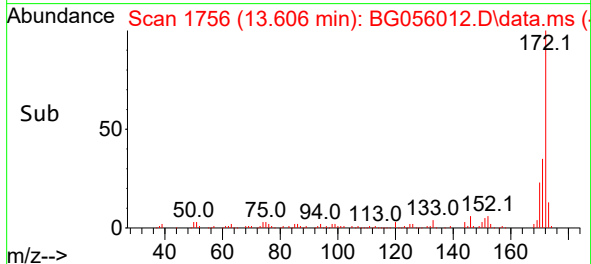
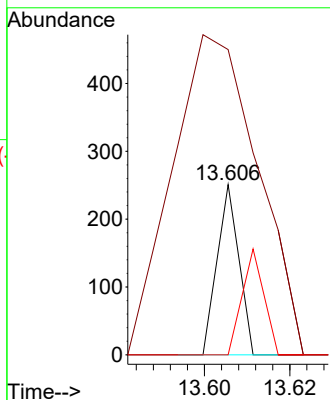
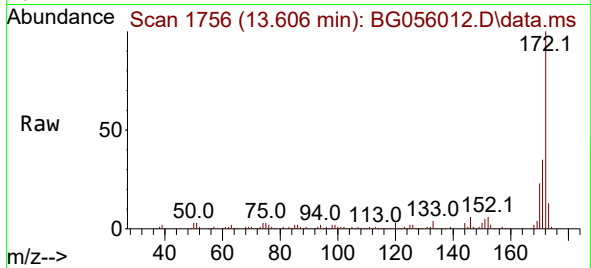




#48
2-Nitroaniline
Concen: 3.117 ng
RT: 13.606 min Scan# 11
Delta R.T. -0.452 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

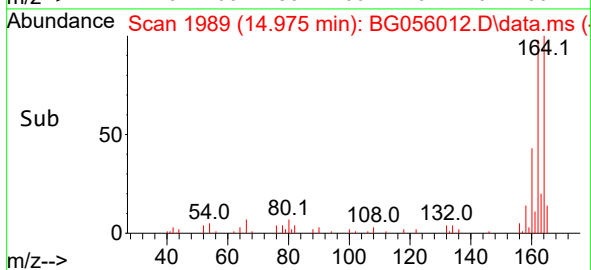
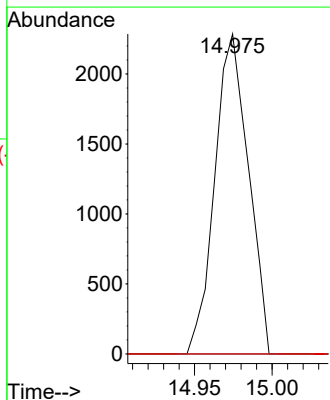
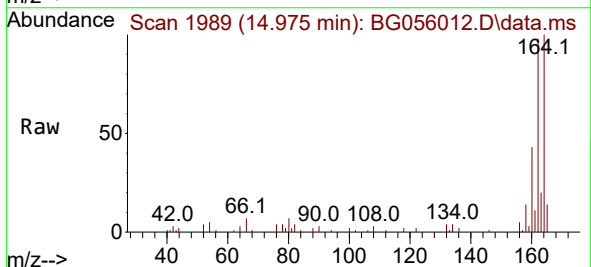
Instrument :
BNA_G
ClientSampleId :
TP-S

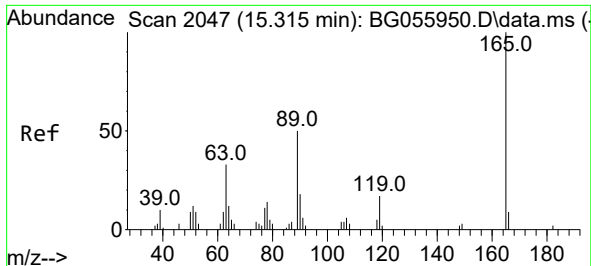
Tgt Ion: 65 Resp: 88
Ion Ratio Lower Upper
65 100
92 179.3 49.7 74.5#
138 0.0 105.0 157.6#



#51
2,6-Dinitrotoluene
Concen: 10.210 ng
RT: 14.975 min Scan# 1989
Delta R.T. 0.435 min
Lab File: BG056012.D
Acq: 19 Dec 2022 14:01

Tgt Ion: 165 Resp: 3447
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: 6.764 ng

RT: 14.975 min Scan# 1989

Delta R.T. -0.346 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

Instrument :

BNA_G

ClientSampleId :

TP-S

Tgt Ion:165 Resp: 3447

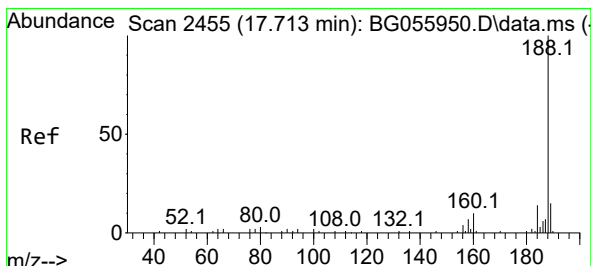
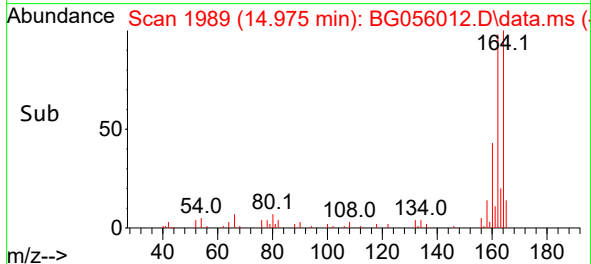
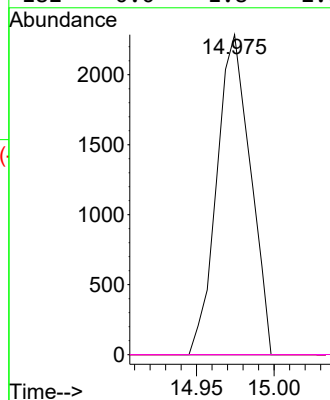
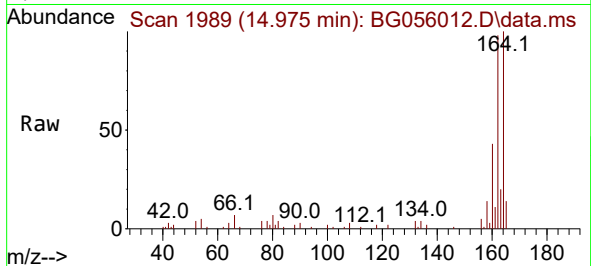
Ion Ratio Lower Upper

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: 17.712 min Scan# 2455

Delta R.T. -0.005 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

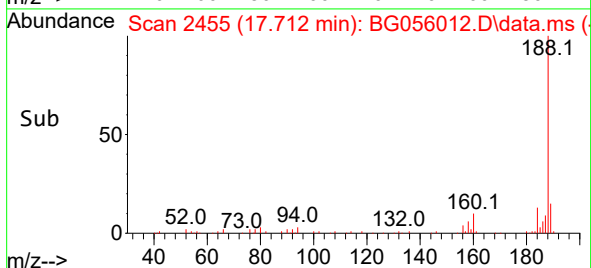
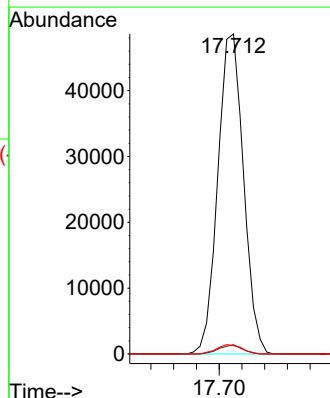
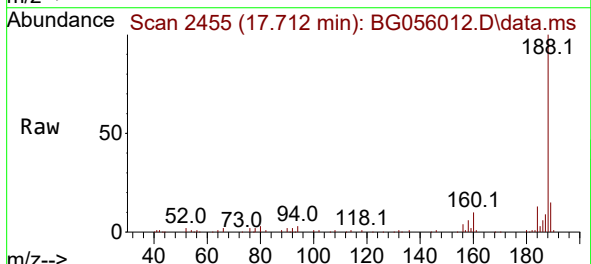
Tgt Ion:188 Resp: 76246

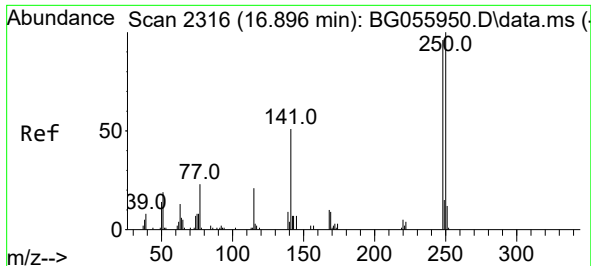
Ion Ratio Lower Upper

188 100

94 2.9 1.8 2.8#

80 2.6 2.4 3.6





#67

4-Bromophenyl-phenylether

Concen: 5.506 ng

RT: 16.455 min Scan# 21

Delta R.T. -0.440 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

Instrument :

BNA_G

ClientSampleId :

TP-S

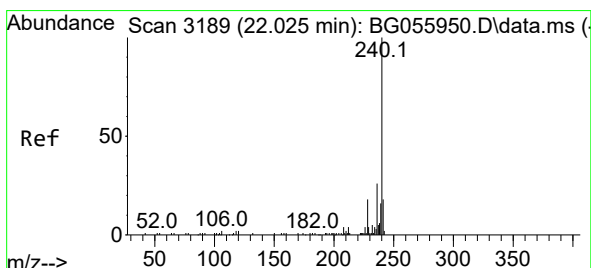
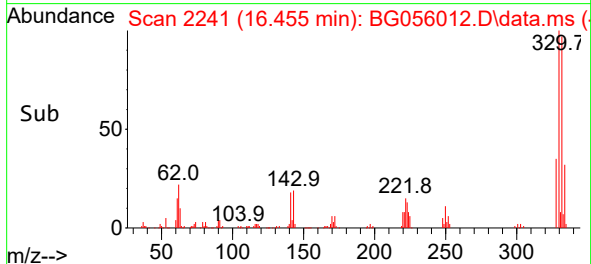
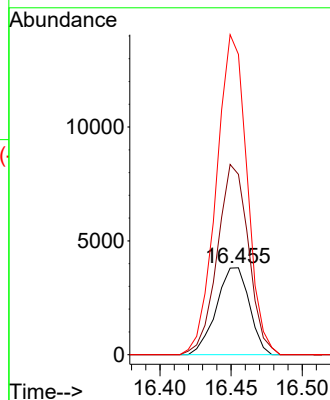
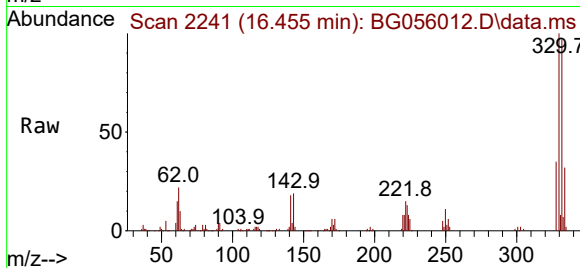
Tgt Ion:248 Resp: 6151

Ion Ratio Lower Upper

248 100

250 156.3 83.0 124.6#

141 260.4 42.6 64.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 3188

Delta R.T. -0.011 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

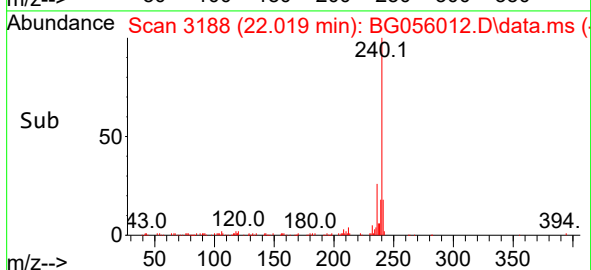
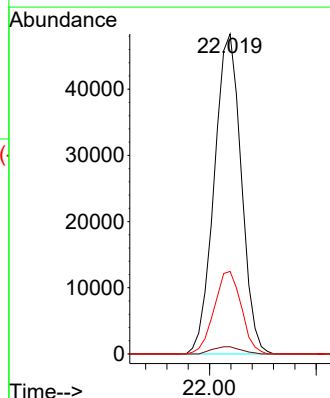
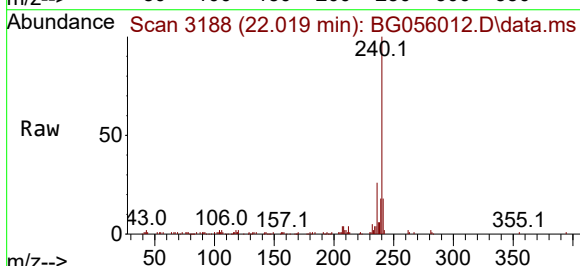
Tgt Ion:240 Resp: 84785

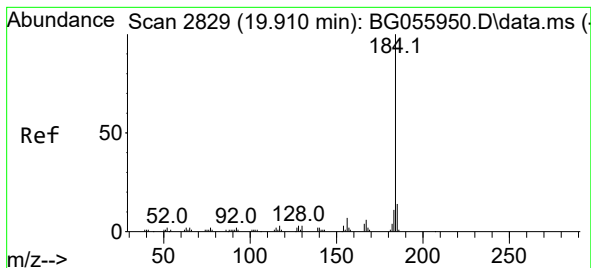
Ion Ratio Lower Upper

240 100

120 2.3 1.7 2.5

236 25.8 21.1 31.7





#77

Benzidine

Concen: 5.468 ng

RT: 20.286 min Scan# 2893

Delta R.T. 0.371 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

Instrument :

BNA_G

ClientSampleId :

TP-S

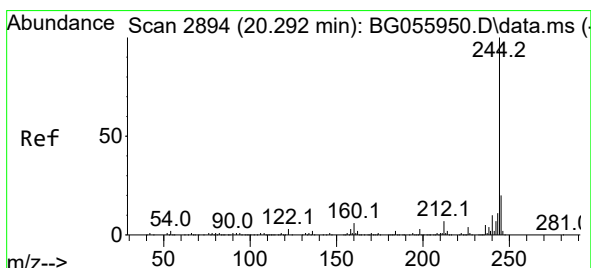
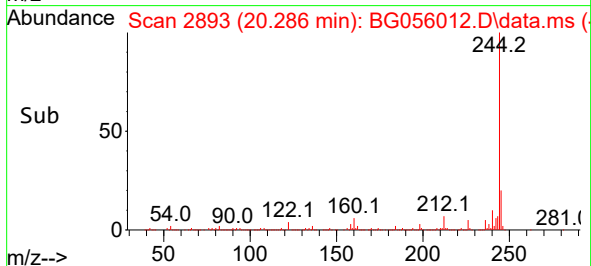
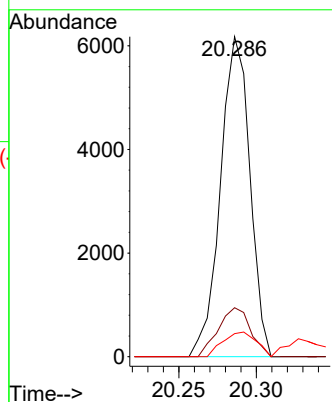
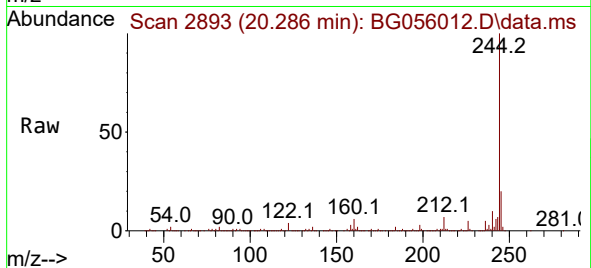
Tgt Ion:184 Resp: 8141

Ion Ratio Lower Upper

184 100

185 15.3 10.9 16.3

183 7.2 9.2 13.8#



#79

Terphenyl-d14

Concen: 108.325 ng

RT: 20.286 min Scan# 2893

Delta R.T. -0.005 min

Lab File: BG056012.D

Acq: 19 Dec 2022 14:01

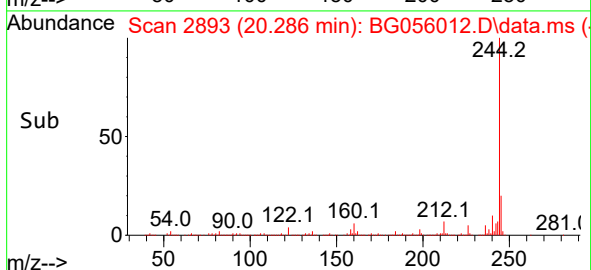
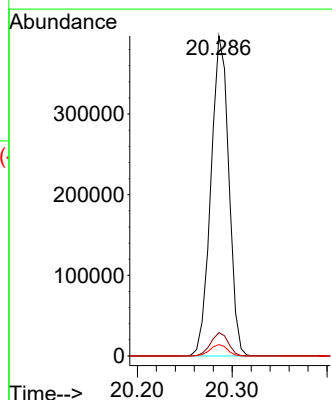
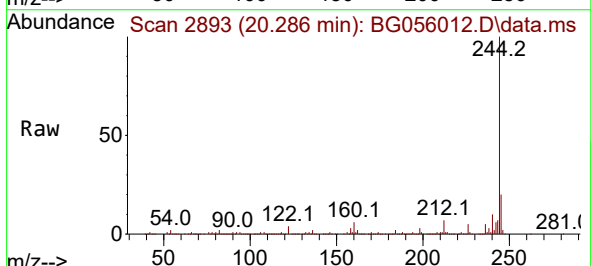
Tgt Ion:244 Resp: 519654

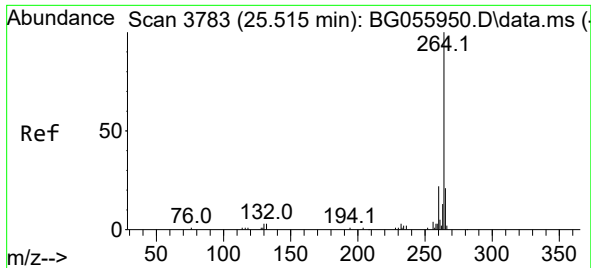
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 3.6 2.5 3.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.509 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG056012.D

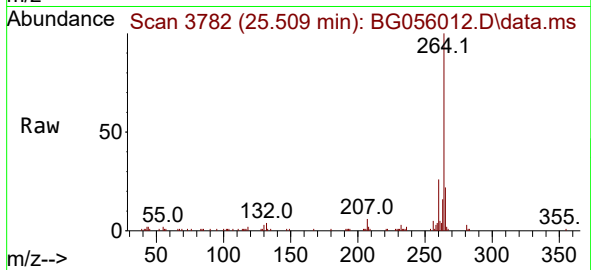
Acq: 19 Dec 2022 14:01

Instrument :

BNA_G

ClientSampleId :

TP-S



Tgt Ion:264 Resp: 89871

Ion Ratio Lower Upper

264 100

260 25.7 17.8 26.8

265 21.7 16.6 25.0

