

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056166.D
 Acq On : 30 Dec 2022 11:40
 Operator : CG/JU
 Sample : PB149979BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149979BL

Quant Time: Dec 31 00:15:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

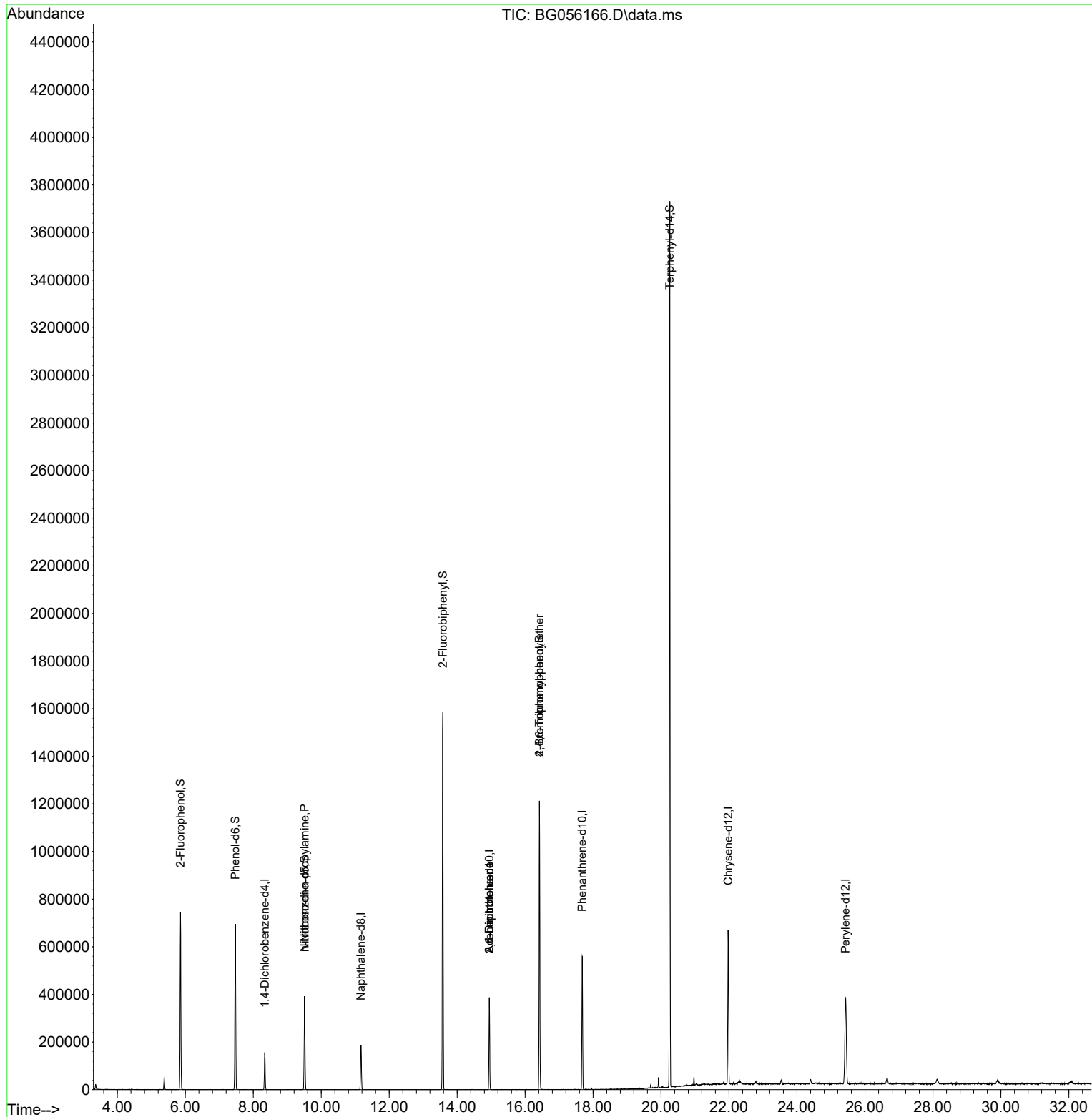
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	49876	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	178945	20.000	ng	0.00
39) Acenaphthene-d10	14.946	164	152757	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	399602	20.000	ng	0.00
76) Chrysene-d12	21.973	240	453672	20.000	ng	# 0.00
86) Perylene-d12	25.428	264	443889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.857	112	402522	144.098	ng	0.00
7) Phenol-d6	7.473	99	541963	126.336	ng	0.00
23) Nitrobenzene-d5	9.512	82	283003	80.897	ng	0.00
42) 2,4,6-Tribromophenol	16.421	330	244715	126.491	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	916145	82.818	ng	0.00
79) Terphenyl-d14	20.258	244	2048738	80.882	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.512	70	35582	13.640	ng	# 76
51) 2,6-Dinitrotoluene	14.946	165	20137	7.664	ng	# 32
57) 2,4-Dinitrotoluene	14.946	165	20137	5.480	ng	# 29
67) 4-Bromophenyl-phenylether	16.421	248	20305	3.990	ng	# 1

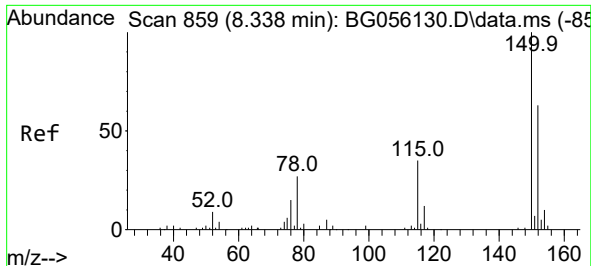
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 28 05:20:14 2022
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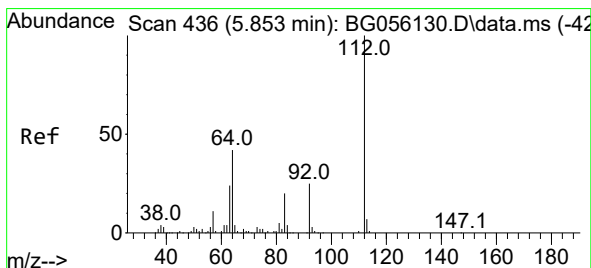
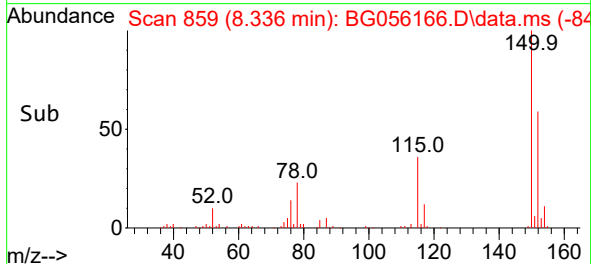
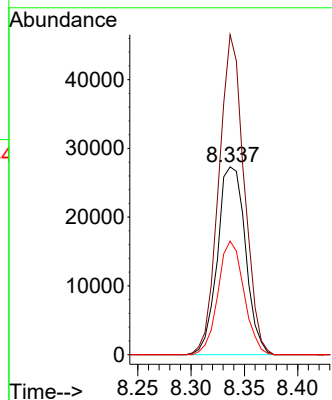
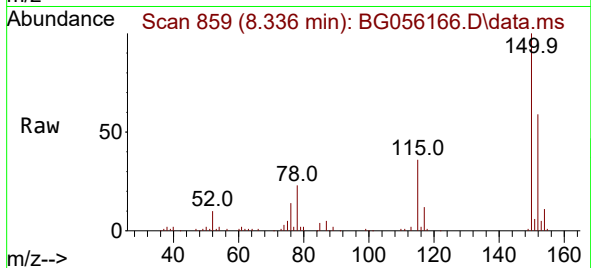




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

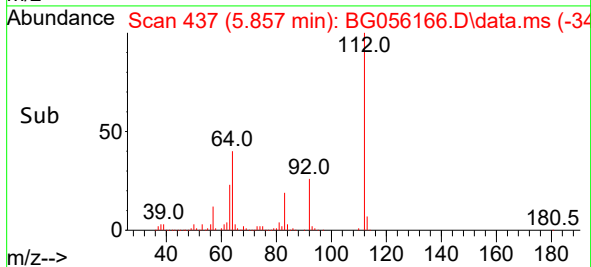
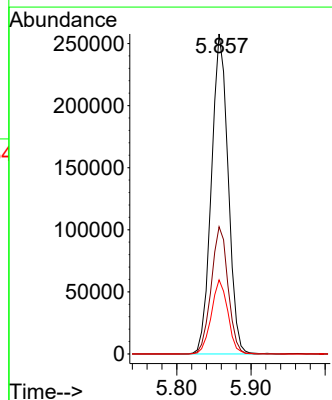
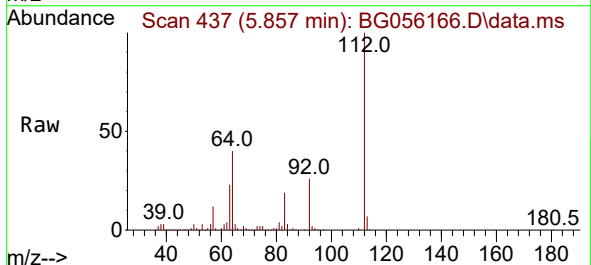
Instrument :
BNA_G
ClientSampleId :
PB149979BL

Tgt Ion:152 Resp: 49876
Ion Ratio Lower Upper
152 100
150 170.3 127.9 191.9
115 60.5 44.2 66.2



#5
2-Fluorophenol
Concen: 144.098 ng
RT: 5.857 min Scan# 437
Delta R.T. 0.004 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

Tgt Ion:112 Resp: 402522
Ion Ratio Lower Upper
112 100
64 39.8 33.3 49.9
63 23.1 19.0 28.4

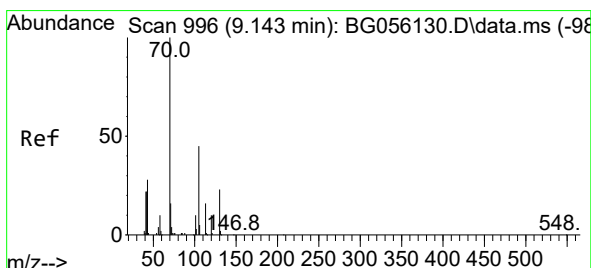
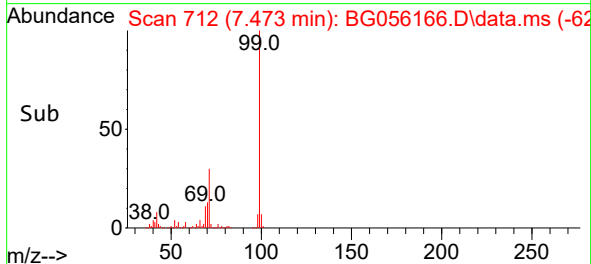
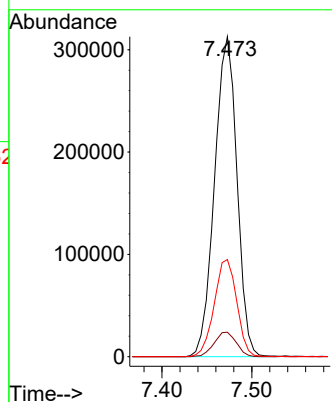
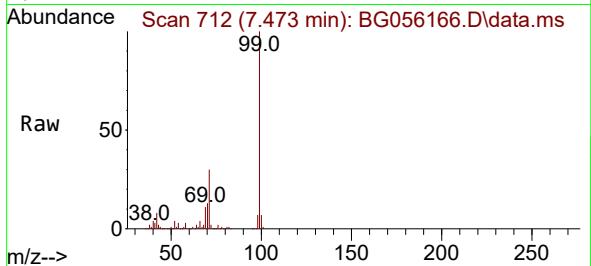




#7
Phenol-d6
Concen: 126.336 ng
RT: 7.473 min Scan# 711
Delta R.T. 0.004 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

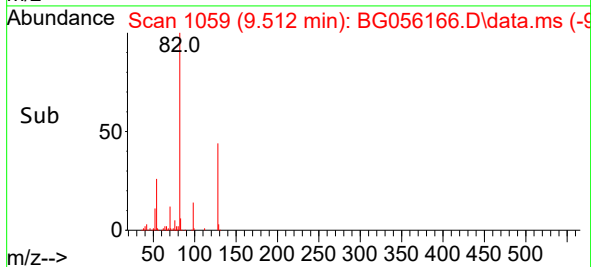
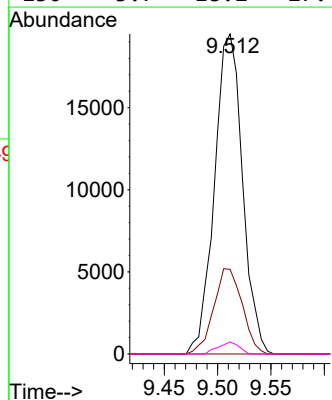
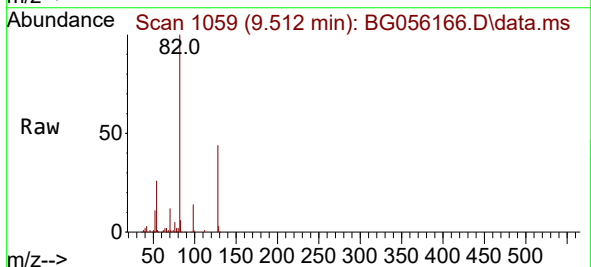
Instrument :
BNA_G
ClientSampleId :
PB149979BL

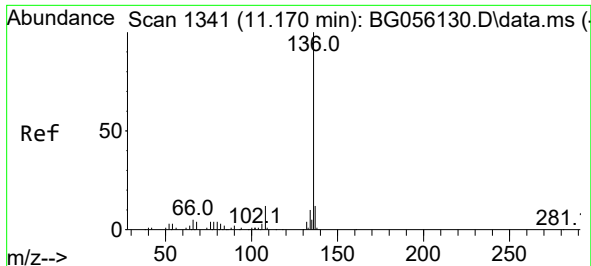
Tgt Ion: 99 Resp: 541963
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 30.4 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.640 ng
RT: 9.512 min Scan# 1059
Delta R.T. 0.369 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

Tgt Ion: 70 Resp: 35582
Ion Ratio Lower Upper
70 100
42 26.4 18.2 27.2
101 0.0 8.3 12.5#
130 3.7 18.2 27.4#

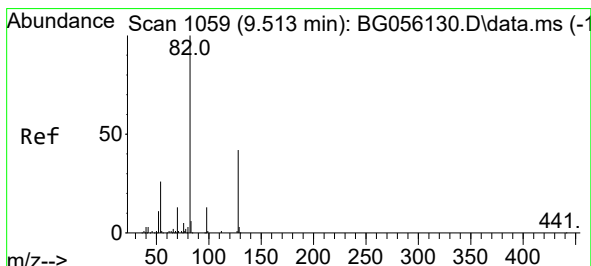
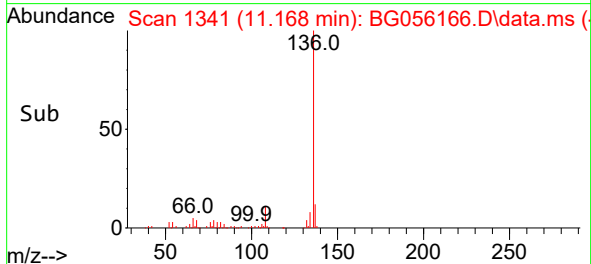
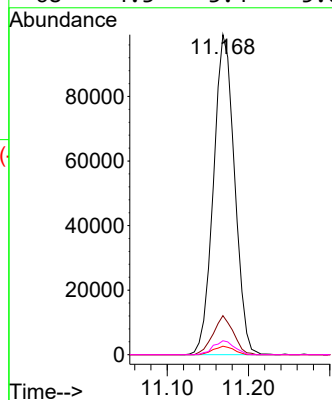
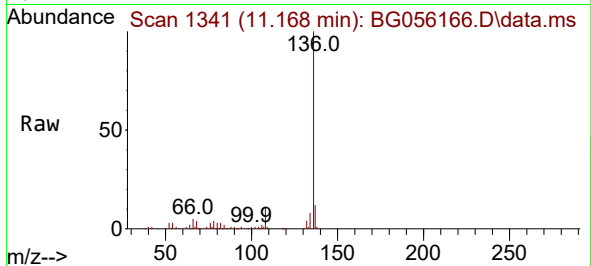




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

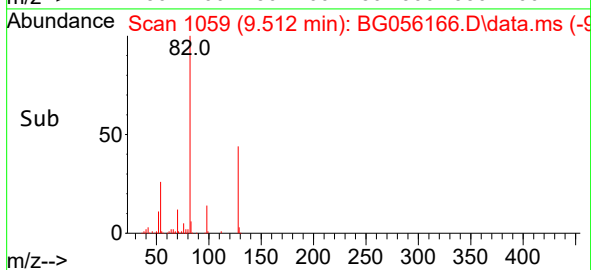
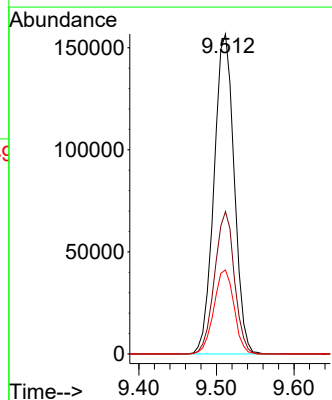
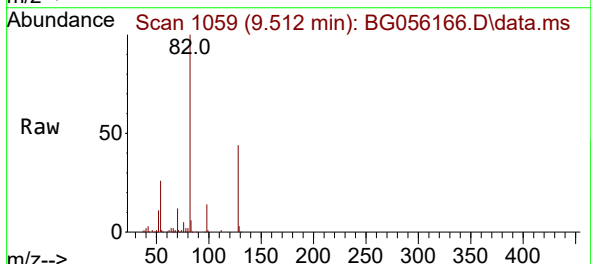
Instrument :
BNA_G
ClientSampleId :
PB149979BL

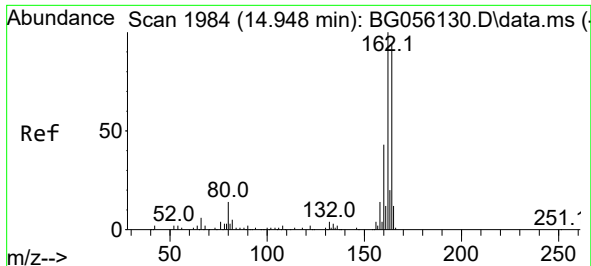
Tgt Ion:136 Resp: 178945
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 2.7 2.2 3.2
68 4.3 3.4 5.0



#23
Nitrobenzene-d5
Concen: 80.897 ng
RT: 9.512 min Scan# 1059
Delta R.T. -0.002 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

Tgt Ion: 82 Resp: 283003
Ion Ratio Lower Upper
82 100
128 44.5 33.4 50.2
54 26.2 20.3 30.5

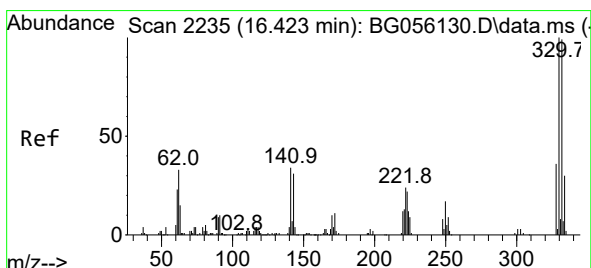
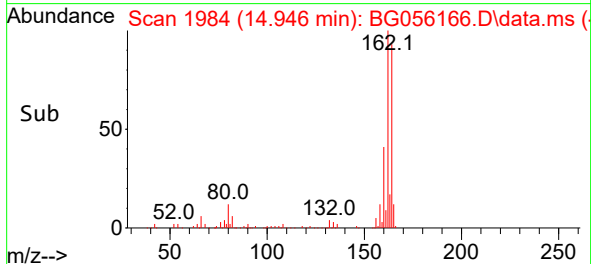
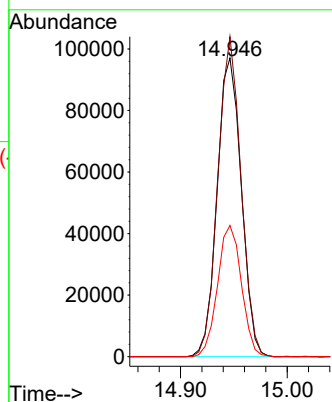
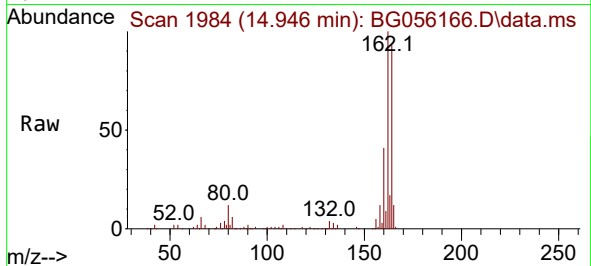




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.946 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

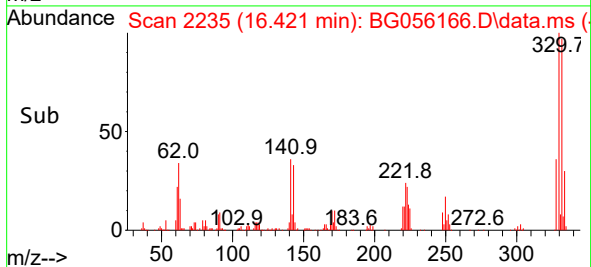
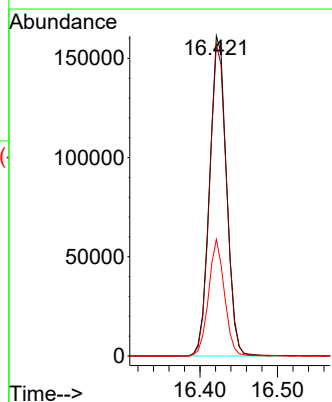
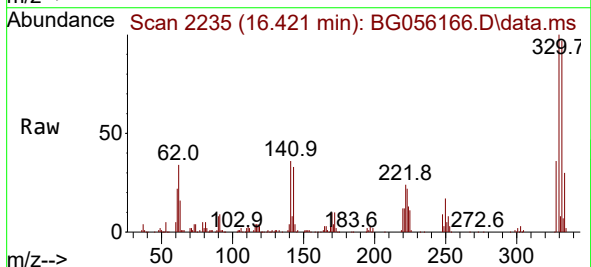
Instrument :
BNA_G
ClientSampleId :
PB149979BL

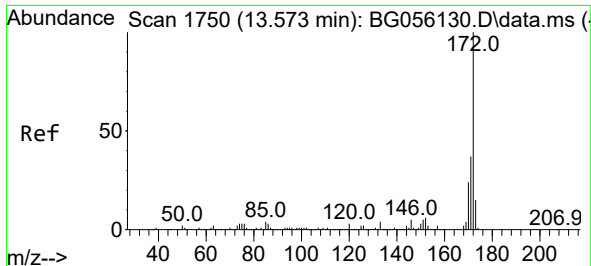
Tgt Ion:164 Resp: 152757
Ion Ratio Lower Upper
164 100
162 107.1 84.7 127.1
160 43.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 126.491 ng
RT: 16.421 min Scan# 2235
Delta R.T. -0.002 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

Tgt Ion:330 Resp: 244715
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 34.0 27.9 41.9

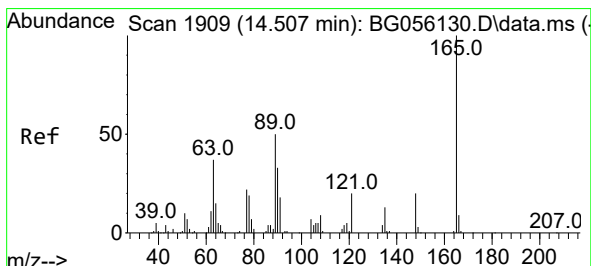
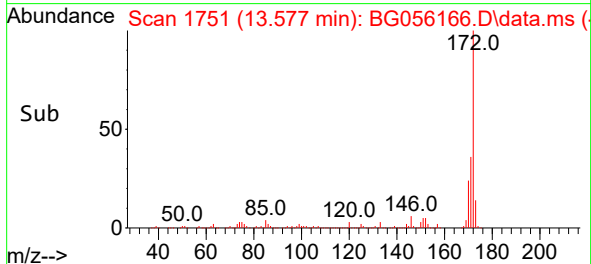
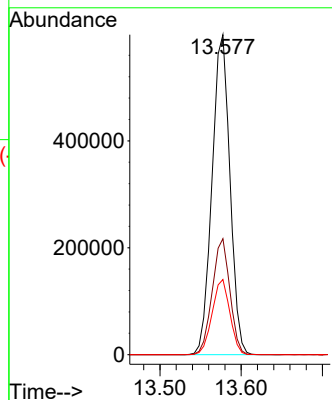
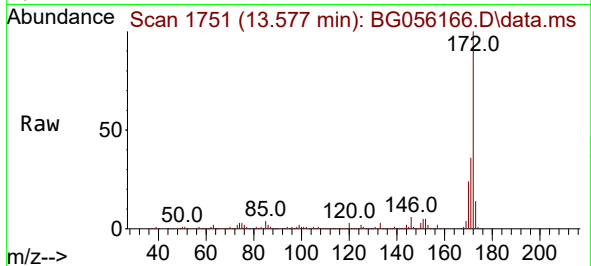




#45
2-Fluorobiphenyl
Concen: 82.818 ng
RT: 13.577 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

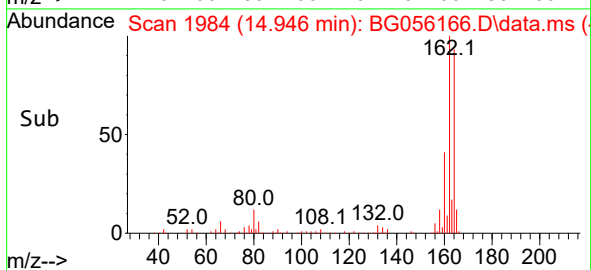
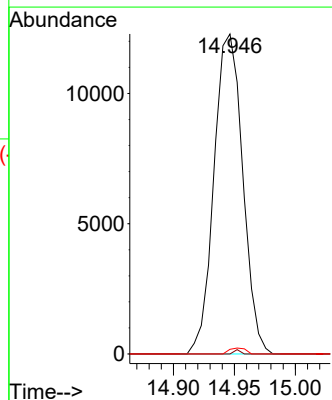
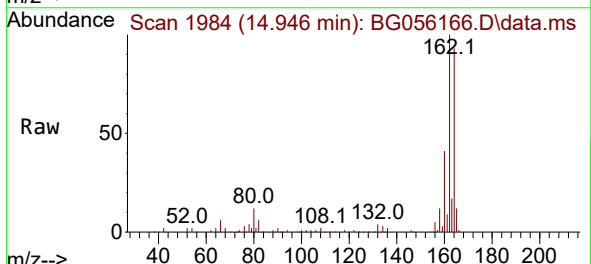
Instrument :
BNA_G
ClientSampleId :
PB149979BL

Tgt Ion:172 Resp: 916145
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.5 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.664 ng
RT: 14.946 min Scan# 1984
Delta R.T. 0.439 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

Tgt Ion:165 Resp: 20137
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.4 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.480 ng

RT: 14.946 min Scan# 1984

Delta R.T. -0.342 min

Lab File: BG056166.D

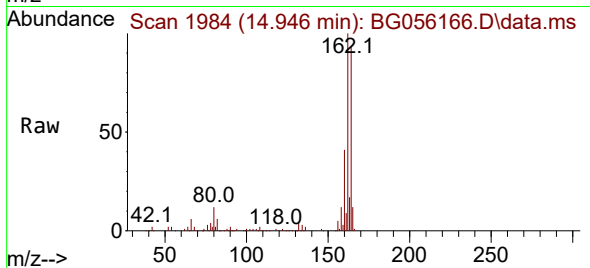
Acq: 30 Dec 2022 11:40

Instrument :

BNA_G

ClientSampleId :

PB149979BL



Tgt Ion:165 Resp: 20137

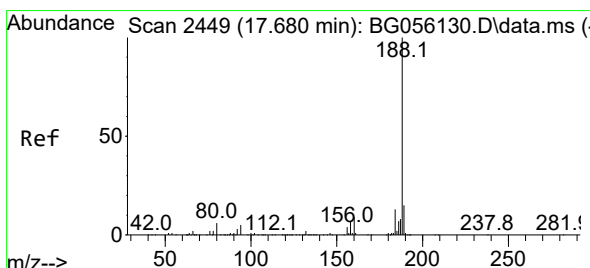
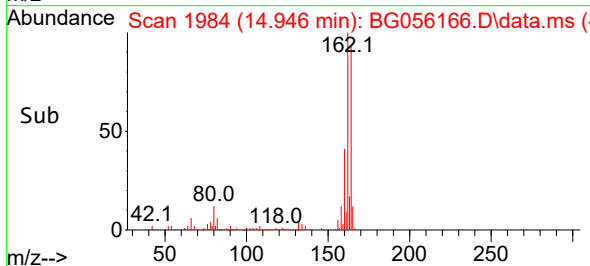
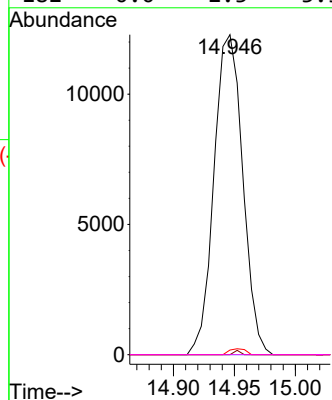
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 1.4 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.679 min Scan# 2449

Delta R.T. -0.002 min

Lab File: BG056166.D

Acq: 30 Dec 2022 11:40

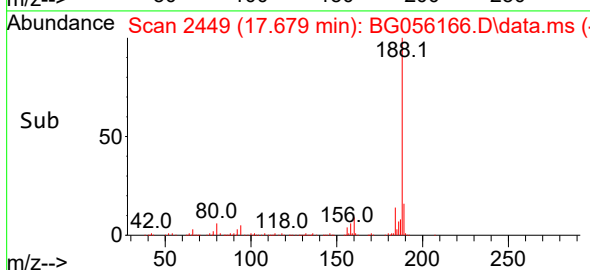
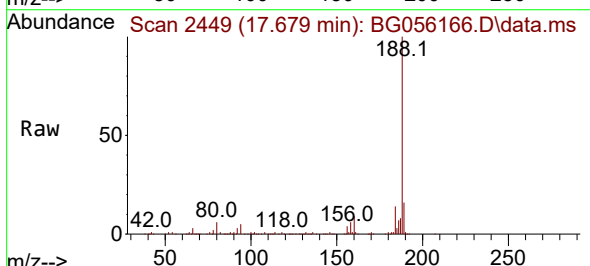
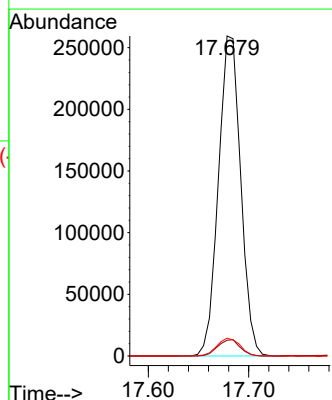
Tgt Ion:188 Resp: 399602

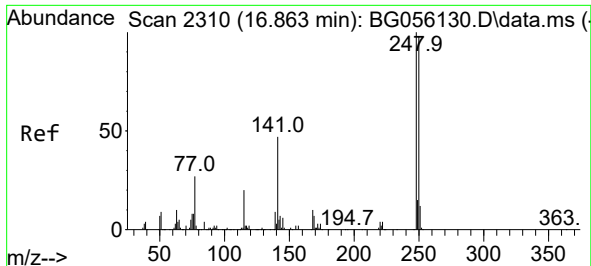
Ion Ratio Lower Upper

188 100

94 4.9 4.2 6.2

80 5.5 5.0 7.4

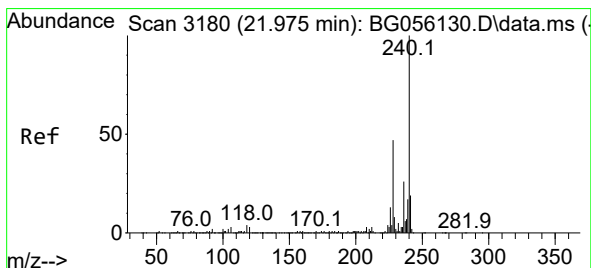
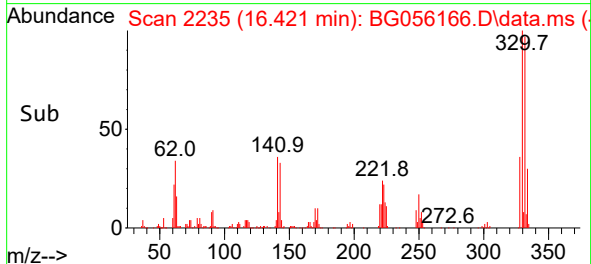
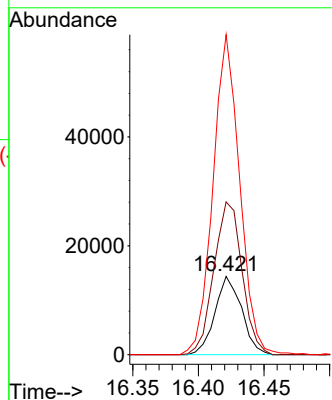
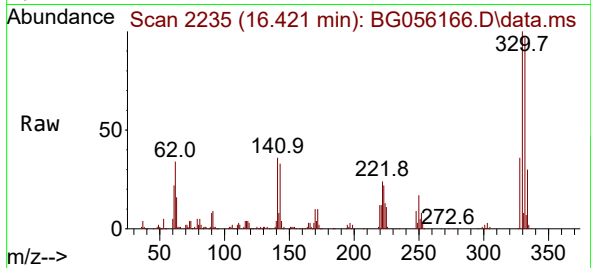




#67
4-Bromophenyl-phenylether
Concen: 3.990 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

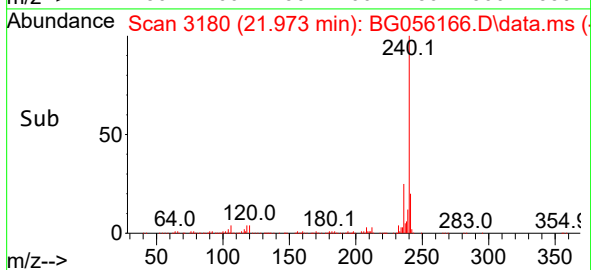
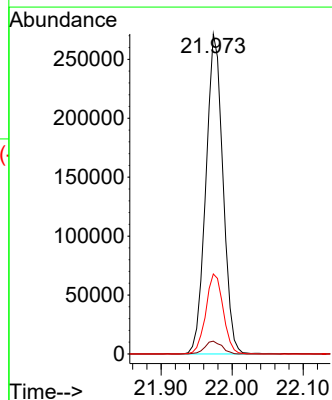
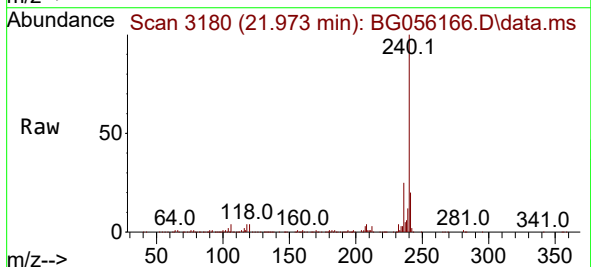
Instrument :
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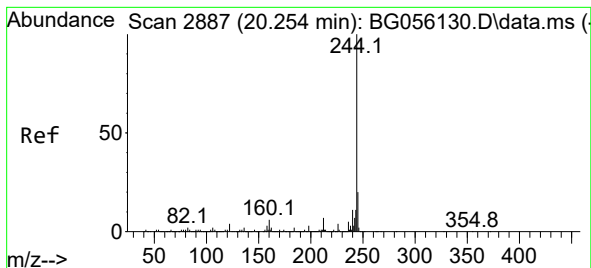
Tgt Ion:248 Resp: 20305
Ion Ratio Lower Upper
248 100
250 195.2 78.2 117.4#
141 409.0 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.973 min Scan# 3180
Delta R.T. -0.002 min
Lab File: BG056166.D
Acq: 30 Dec 2022 11:40

Tgt Ion:240 Resp: 453672
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 25.0 20.8 31.2





#79

Terphenyl-d14

Concen: 80.882 ng

RT: 20.258 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG056166.D

Acq: 30 Dec 2022 11:40

Instrument :

BNA_G

ClientSampleId :

PB149979BL

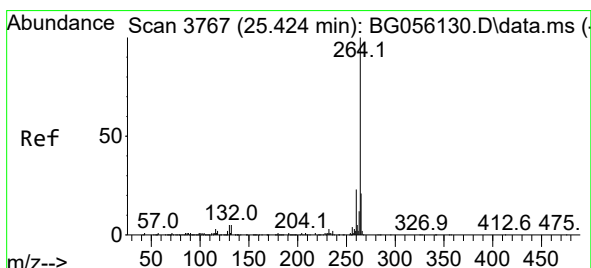
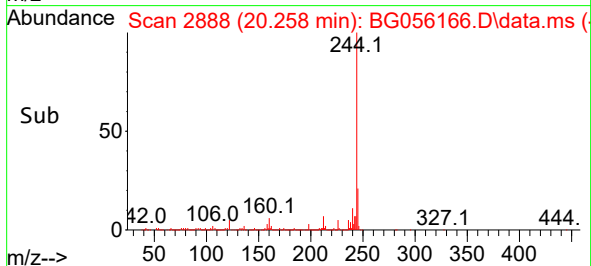
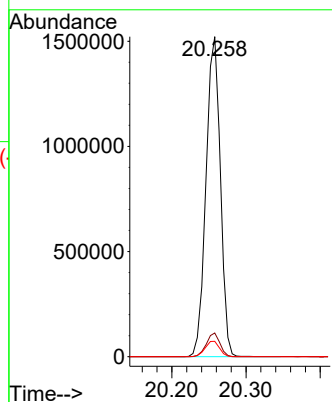
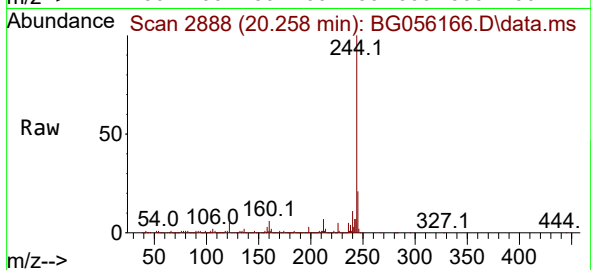
Tgt Ion:244 Resp: 2048738

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 4.8 3.5 5.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.428 min Scan# 3768

Delta R.T. 0.004 min

Lab File: BG056166.D

Acq: 30 Dec 2022 11:40

Tgt Ion:264 Resp: 443889

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.8 16.7 25.1

