

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056580.D
 Acq On : 8 Feb 2023 13:35
 Operator : CG/JU
 Sample : PB150729BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150729BL

Quant Time: Feb 09 02:06:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

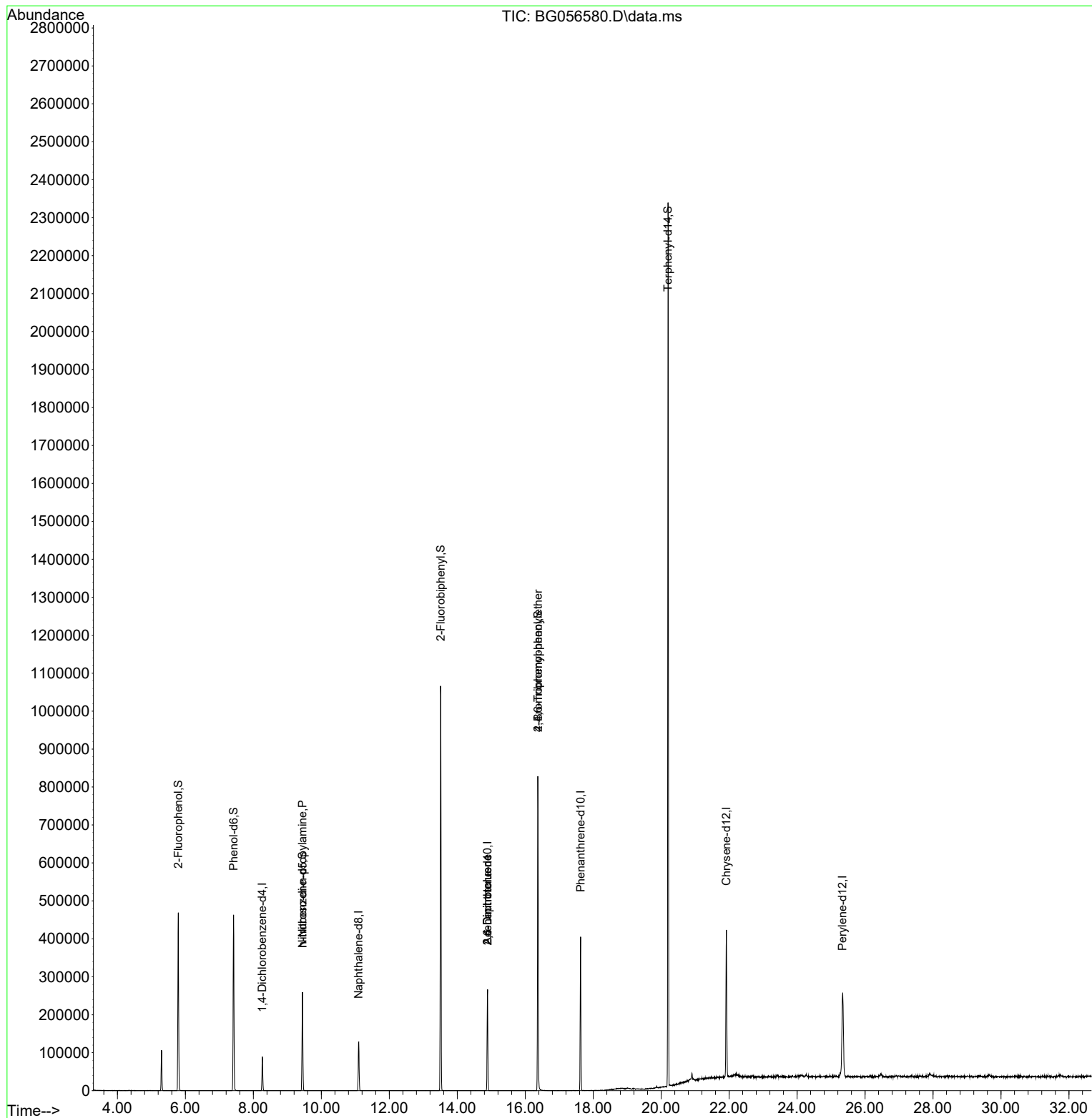
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	30263	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	125403	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	104095	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	283665	20.000	ng	0.00
76) Chrysene-d12	21.919	240	266554	20.000	ng	0.00
86) Perylene-d12	25.338	264	287119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	262338	159.466	ng	0.00
7) Phenol-d6	7.418	99	360331	147.828	ng	0.00
23) Nitrobenzene-d5	9.445	82	183476	83.082	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	182412	131.812	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	636859	84.822	ng	0.00
79) Terphenyl-d14	20.203	244	1334805	87.952	ng	0.00
Target Compounds						
9) Benzaldehyde	7.412	77	367	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.445	70	22780	16.217	ng	# 72
51) 2,6-Dinitrotoluene	14.892	165	13826	7.528	ng	# 36
57) 2,4-Dinitrotoluene	14.892	165	13826	5.345	ng	# 35
67) 4-Bromophenyl-phenylether	16.372	248	14353	3.952	ng	# 1

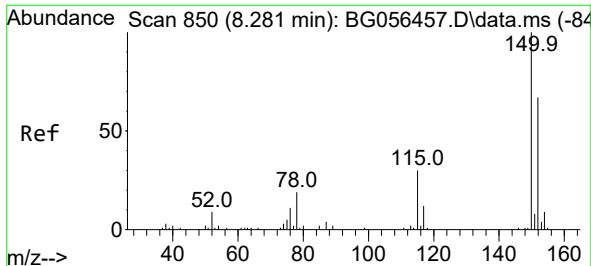
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
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QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

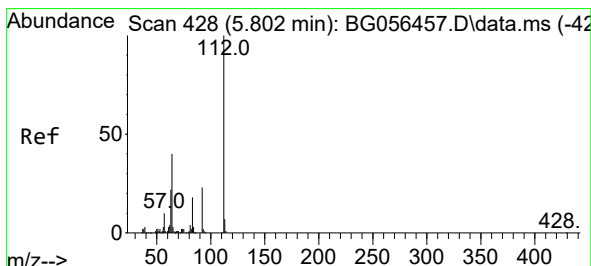
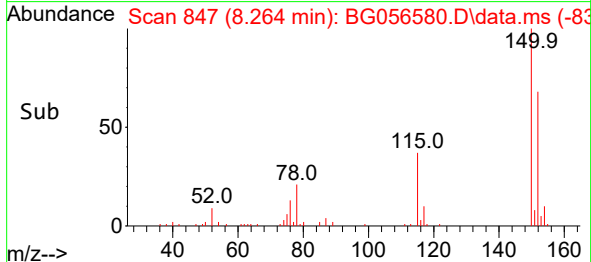
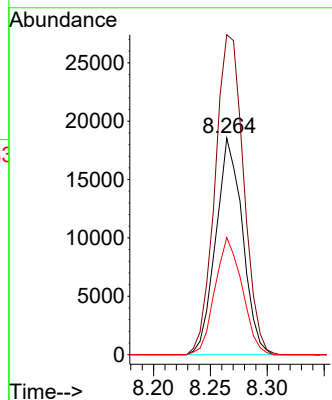
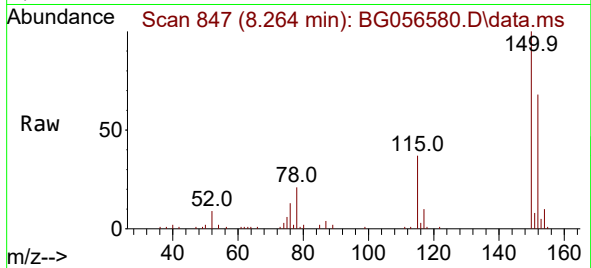




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

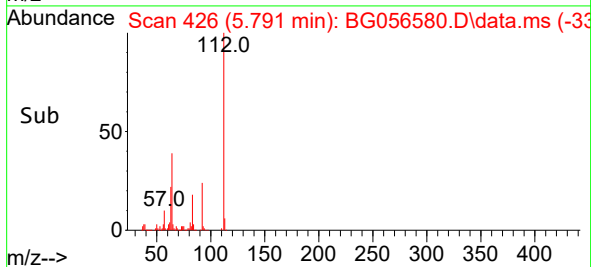
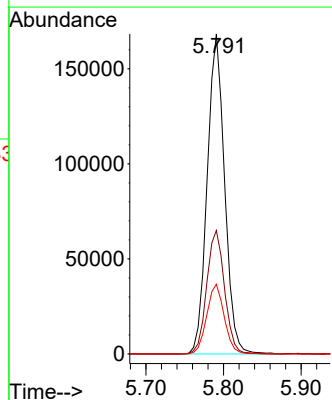
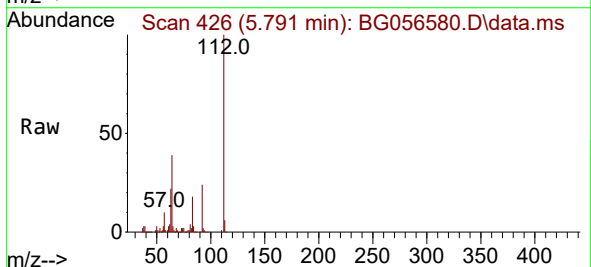
Instrument :
BNA_G
ClientSampleId :
PB150729BL

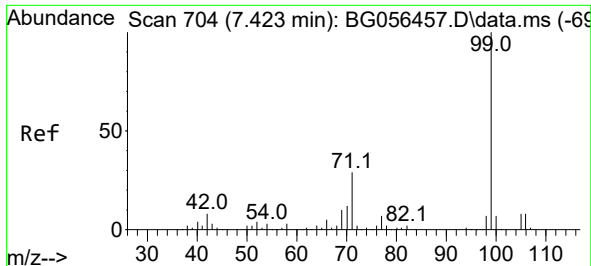
Tgt Ion:152 Resp: 30263
Ion Ratio Lower Upper
152 100
150 147.7 120.2 180.4
115 54.1 36.3 54.5



#5
2-Fluorophenol
Concen: 159.466 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.001 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

Tgt Ion:112 Resp: 262338
Ion Ratio Lower Upper
112 100
64 38.6 31.9 47.9
63 21.8 17.4 26.0

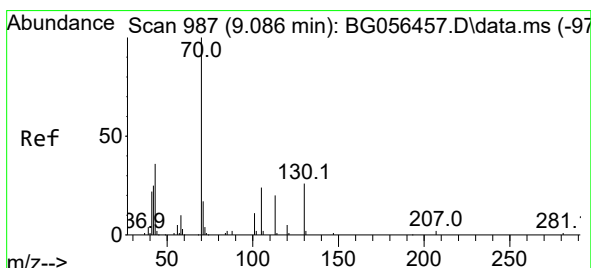
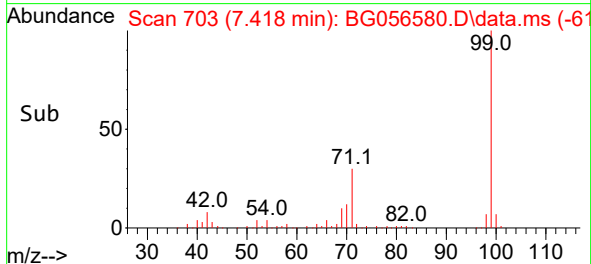
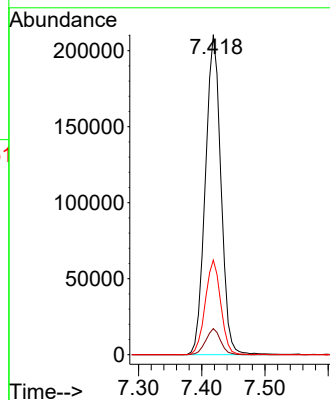
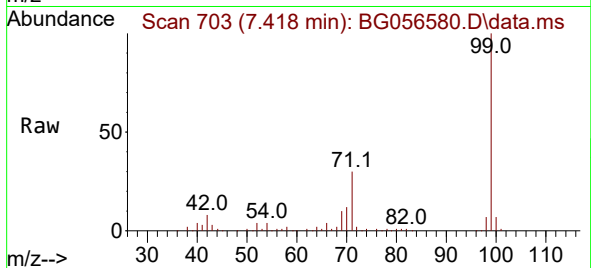




#7
Phenol-d6
Concen: 147.828 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

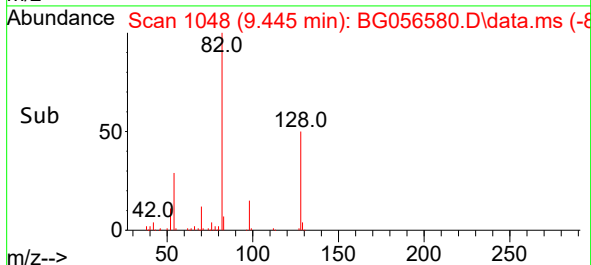
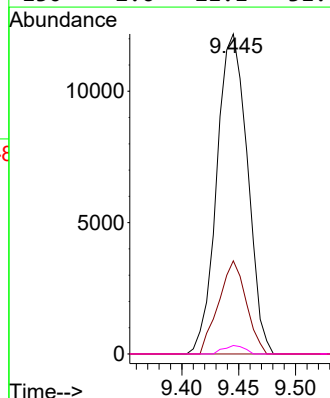
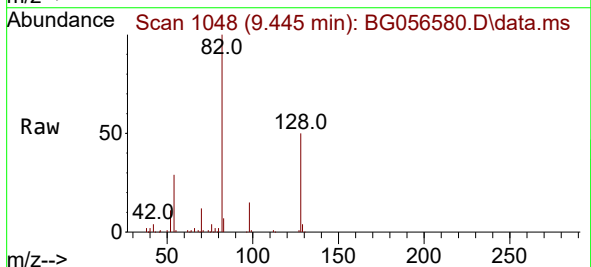
Instrument :
BNA_G
ClientSampleId :
PB150729BL

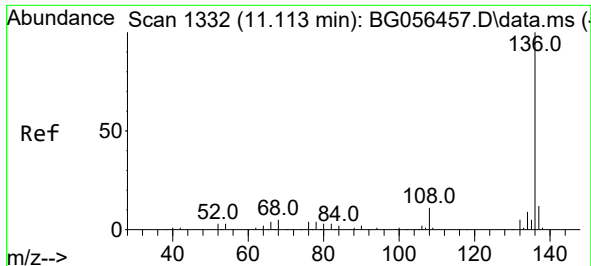
Tgt Ion: 99 Resp: 360331
Ion Ratio Lower Upper
99 100
42 8.2 6.6 10.0
71 29.6 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.217 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.371 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

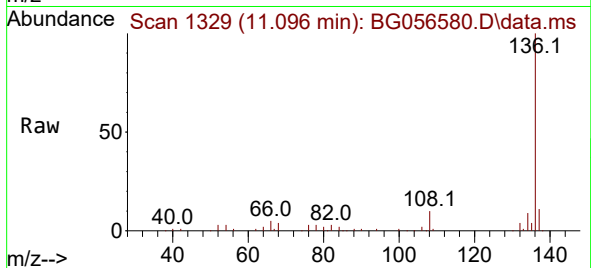
Tgt Ion: 70 Resp: 22780
Ion Ratio Lower Upper
70 100
42 29.1 20.2 30.4
101 0.0 9.1 13.7#
130 2.6 21.1 31.7#



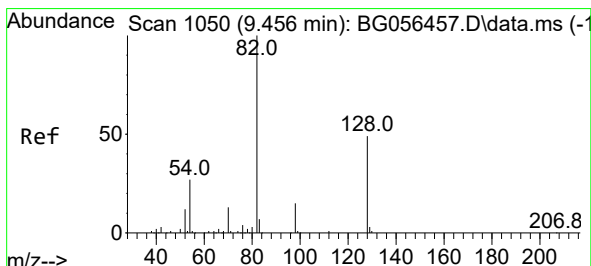
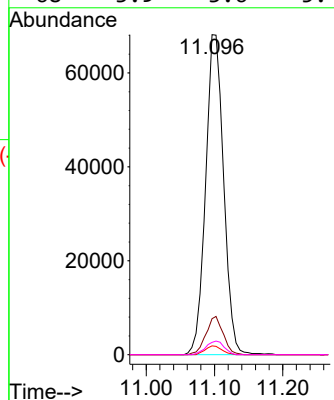
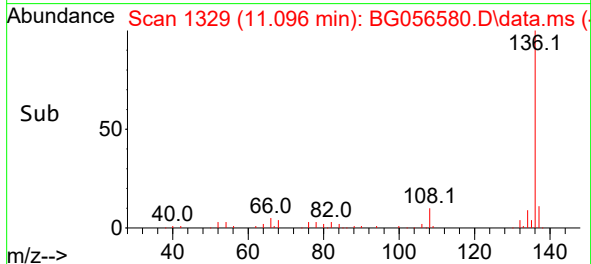


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

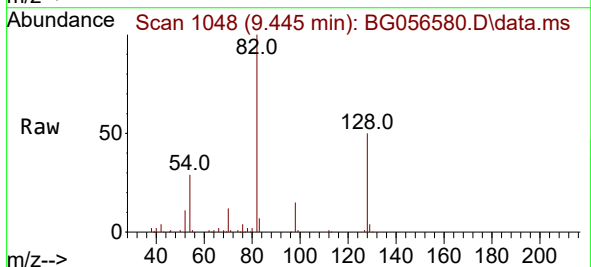
Instrument :
BNA_G
ClientSampleId :
PB150729BL



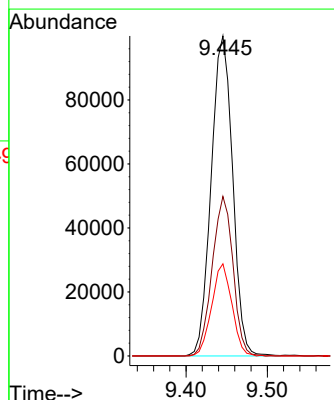
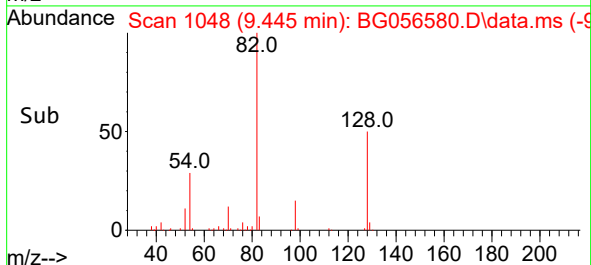
Tgt Ion:136 Resp: 125403
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.8 2.2 3.4
68 3.9 3.6 5.4

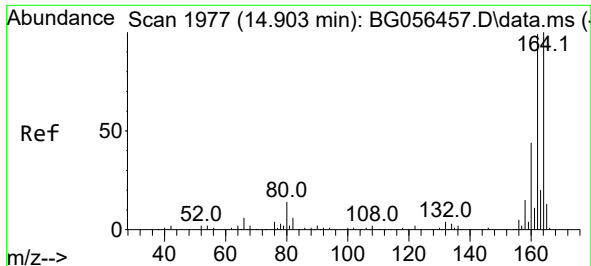


#23
Nitrobenzene-d5
Concen: 83.082 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35



Tgt Ion: 82 Resp: 183476
Ion Ratio Lower Upper
82 100
128 49.8 39.4 59.2
54 28.8 21.4 32.2

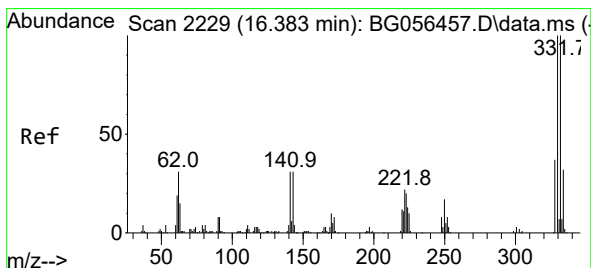
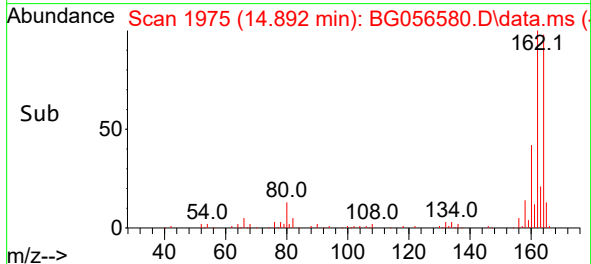
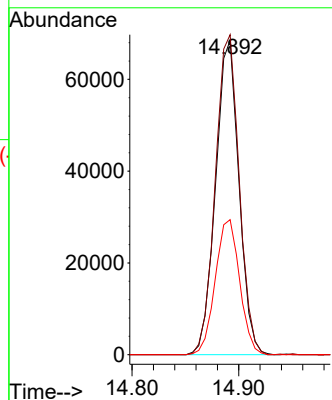
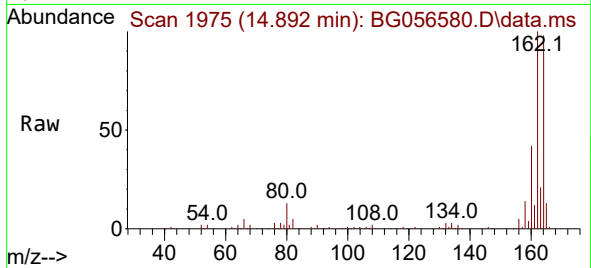




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

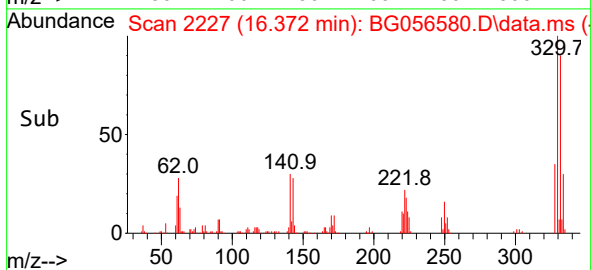
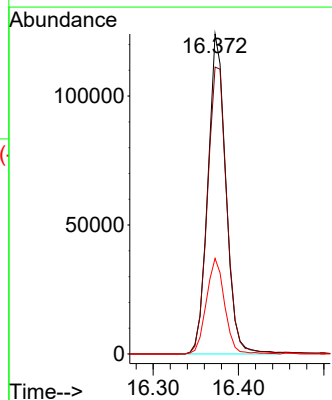
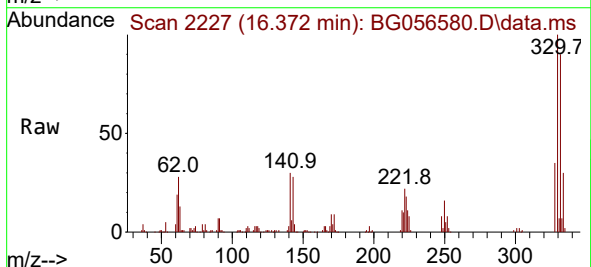
Instrument :
BNA_G
ClientSampleId :
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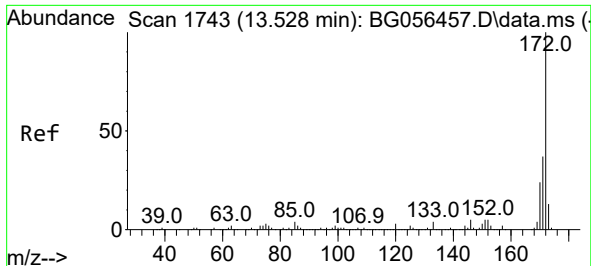
Tgt Ion:164 Resp: 104095
Ion Ratio Lower Upper
164 100
162 101.8 79.6 119.4
160 43.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 131.812 ng
RT: 16.372 min Scan# 2227
Delta R.T. -0.005 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

Tgt Ion:330 Resp: 182412
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.6
141 30.2 24.2 36.4

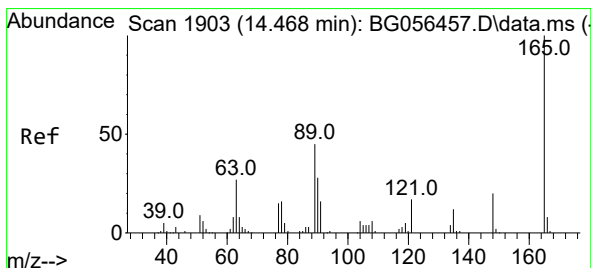
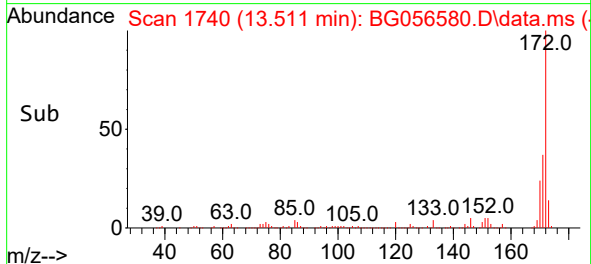
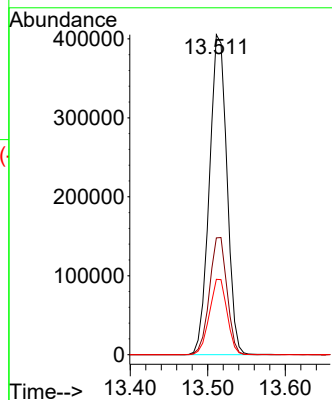
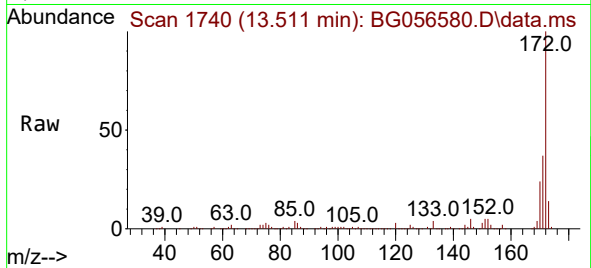




#45
2-Fluorobiphenyl
Concen: 84.822 ng
RT: 13.511 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

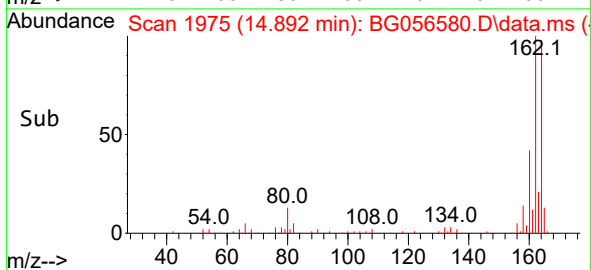
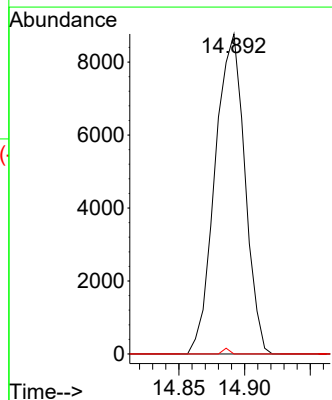
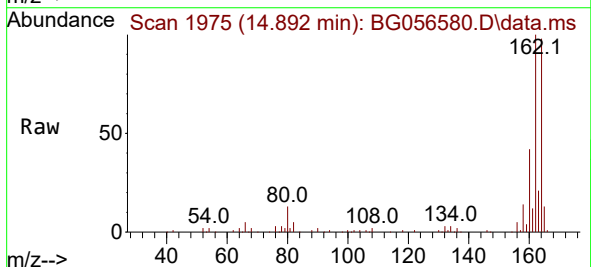
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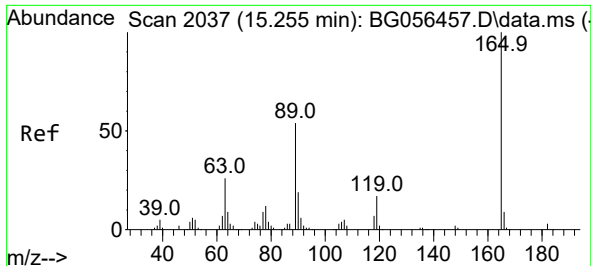
Tgt Ion:172 Resp: 636859
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 23.6 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.528 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.430 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

Tgt Ion:165 Resp: 13826
Ion Ratio Lower Upper
165 100
63 0.0 26.9 40.3#
89 0.0 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.345 ng

RT: 14.892 min Scan# 1975

Delta R.T. -0.358 min

Lab File: BG056580.D

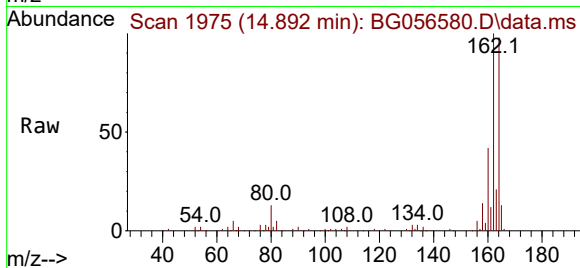
Acq: 8 Feb 2023 13:35

Instrument :

BNA_G

ClientSampleId :

PB150729BL



Tgt Ion:165 Resp: 13826

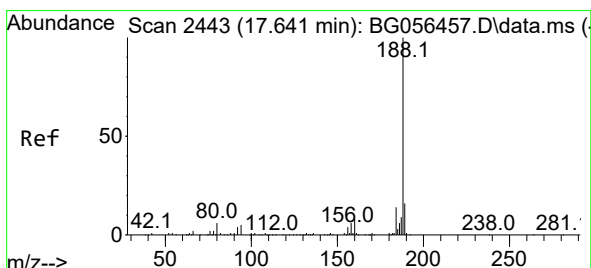
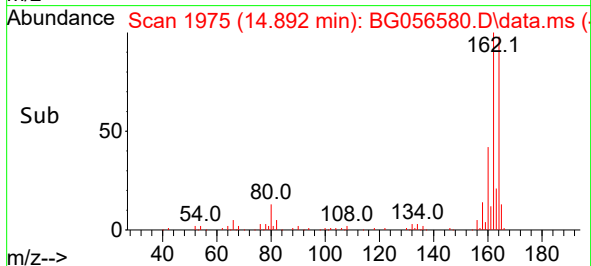
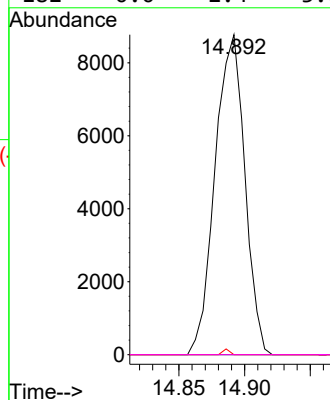
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 0.0 43.1 64.7#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. 0.001 min

Lab File: BG056580.D

Acq: 8 Feb 2023 13:35

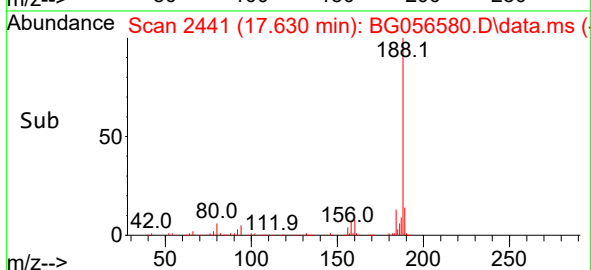
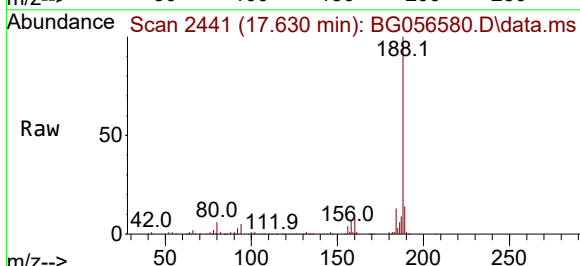
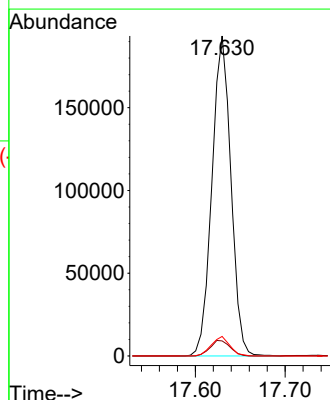
Tgt Ion:188 Resp: 283665

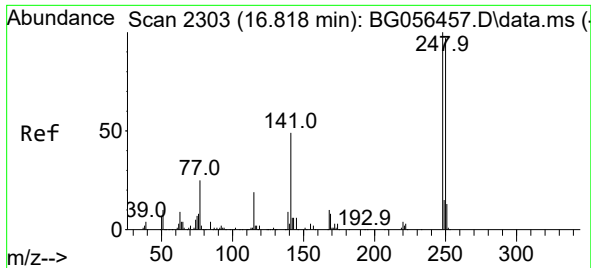
Ion Ratio Lower Upper

188 100

94 4.7 4.1 6.1

80 6.1 5.0 7.4

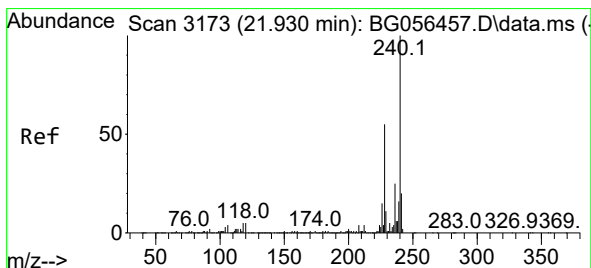
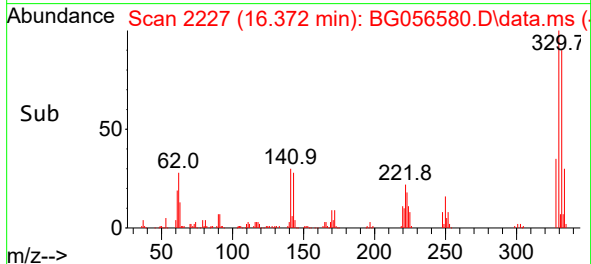
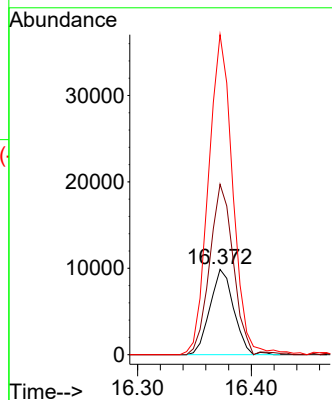
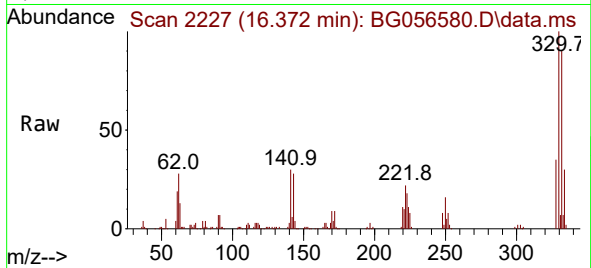




#67
4-Bromophenyl-phenylether
Concen: 3.952 ng
RT: 16.372 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

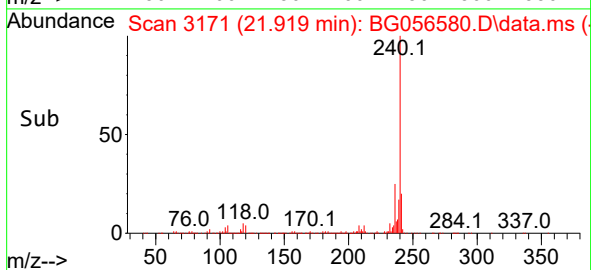
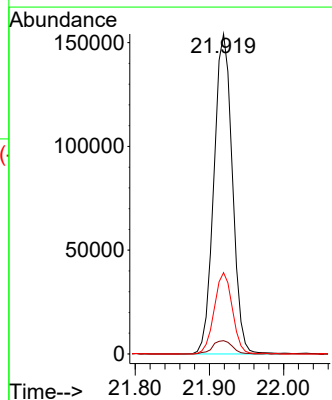
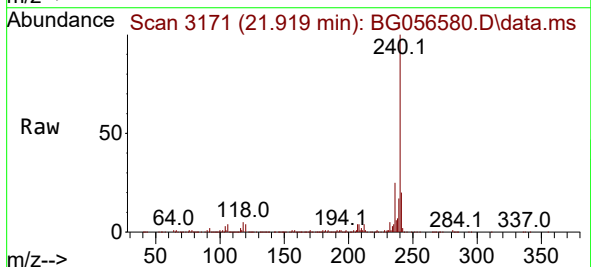
Instrument :
BNA_G
ClientSampleId :
PB150729BL

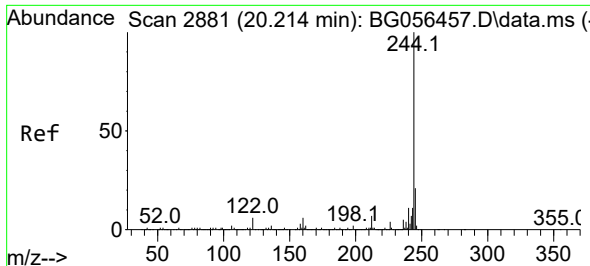
Tgt Ion:248 Resp: 14353
Ion Ratio Lower Upper
248 100
250 260.4 77.6 116.4#
141 375.2 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.005 min
Lab File: BG056580.D
Acq: 8 Feb 2023 13:35

Tgt Ion:240 Resp: 266554
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.4 20.2 30.2

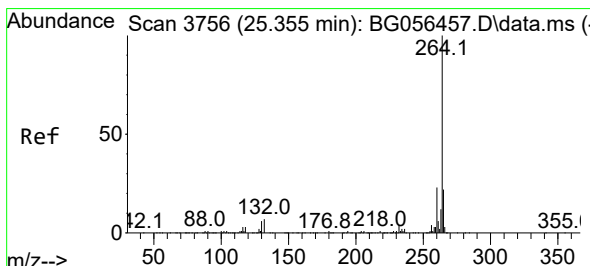
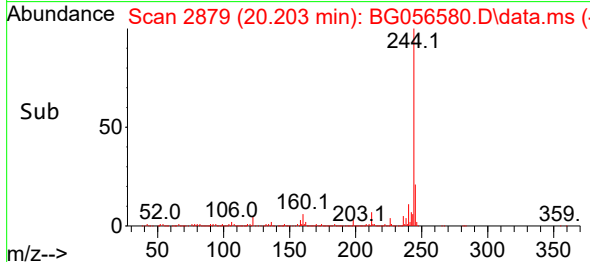
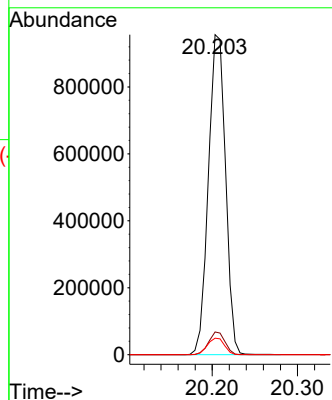
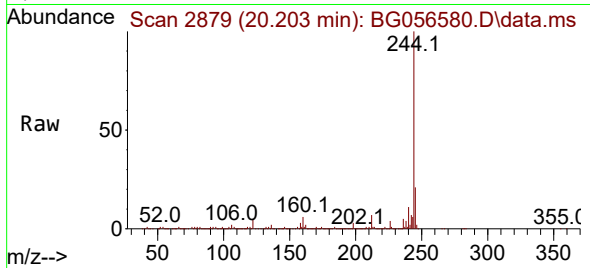




#79
 Terphenyl-d14
 Concen: 87.952 ng
 RT: 20.203 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056580.D
 Acq: 8 Feb 2023 13:35

Instrument :
 BNA_G
 ClientSampleId :
 PB150729BL

Tgt Ion:244 Resp: 1334805
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 5.2 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.338 min Scan# 3753
 Delta R.T. 0.001 min
 Lab File: BG056580.D
 Acq: 8 Feb 2023 13:35

Tgt Ion:264 Resp: 287119
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.4
 265 20.4 18.1 27.1

