

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056172.D
 Acq On : 30 Dec 2022 15:51
 Operator : CG/JU
 Sample : N6242-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MM-4

Quant Time: Dec 31 00:18:04 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)

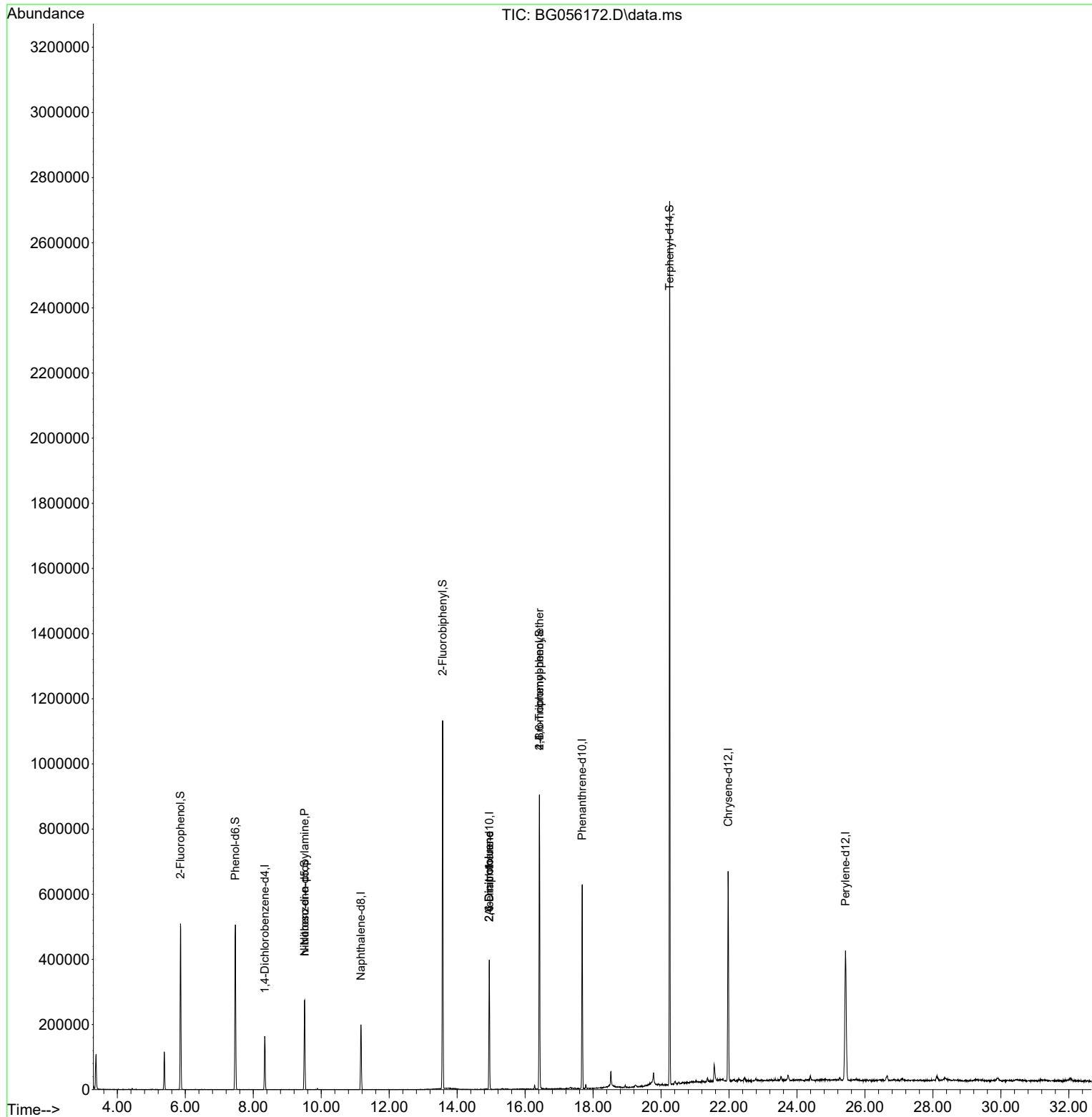
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	54067	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	187064	20.000	ng	# 0.00
39) Acenaphthene-d10	14.945	164	153253	20.000	ng	0.00
64) Phenanthrene-d10	17.678	188	420415	20.000	ng	0.00
76) Chrysene-d12	21.972	240	447764	20.000	ng	0.00
86) Perylene-d12	25.427	264	489469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	284759	94.038	ng	0.00
7) Phenol-d6	7.472	99	388853	83.618	ng	0.00
23) Nitrobenzene-d5	9.511	82	202656	55.415	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	185107	95.371	ng	0.00
45) 2-Fluorobiphenyl	13.571	172	631718	56.921	ng	0.00
79) Terphenyl-d14	20.251	244	1427465	57.098	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.511	70	25159	8.897	ng	# 76
51) 2,6-Dinitrotoluene	14.940	165	21098	8.003	ng	# 32
57) 2,4-Dinitrotoluene	14.940	165	21098	5.723	ng	# 29
67) 4-Bromophenyl-phenylether	16.420	248	16401	3.064	ng	# 1

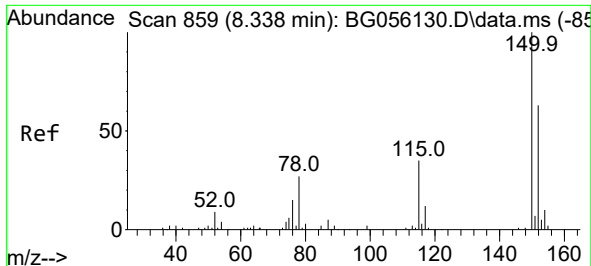
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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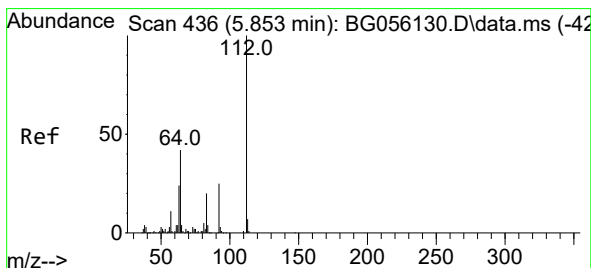
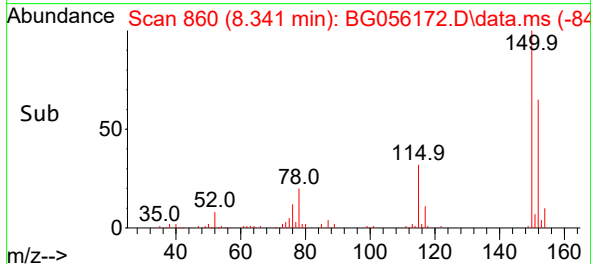
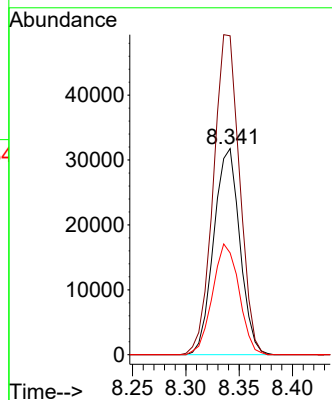
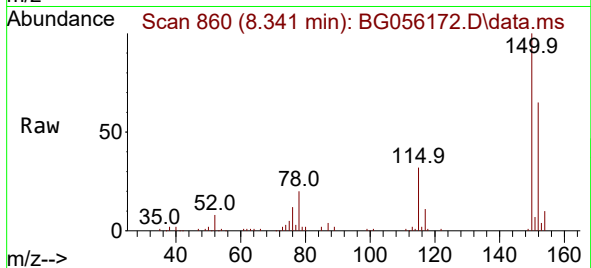




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

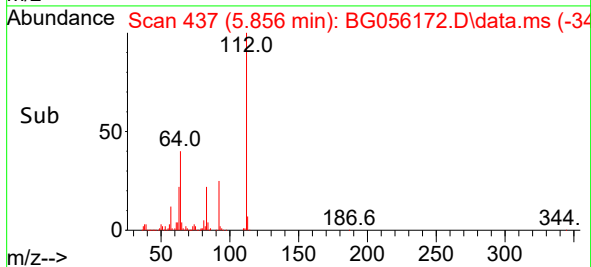
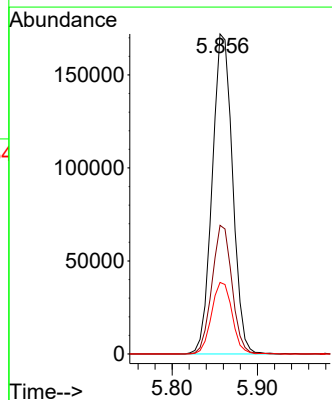
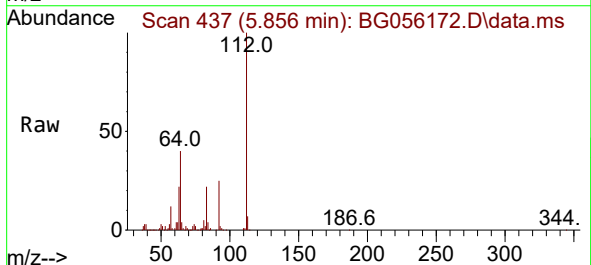
Instrument :
BNA_G
ClientSampleId :
MM-4

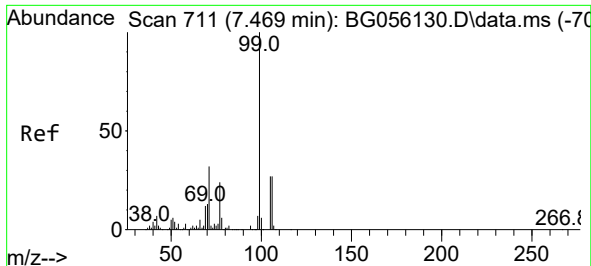
Tgt Ion:152 Resp: 54067
Ion Ratio Lower Upper
152 100
150 154.8 127.9 191.9
115 49.4 44.2 66.2



#5
2-Fluorophenol
Concen: 94.038 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

Tgt Ion:112 Resp: 284759
Ion Ratio Lower Upper
112 100
64 40.2 33.3 49.9
63 22.3 19.0 28.4

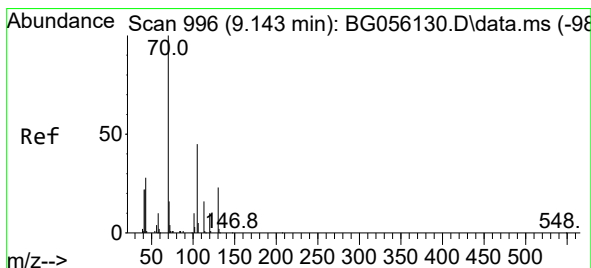
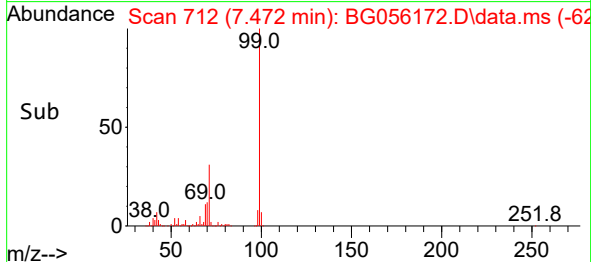
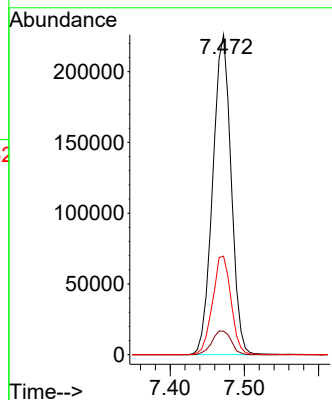
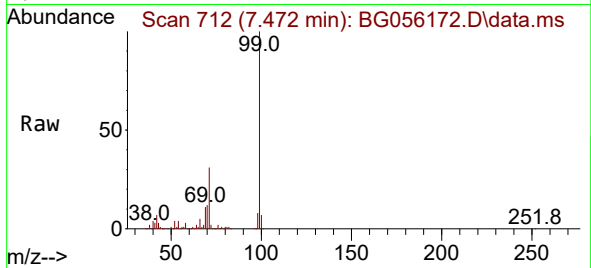




#7
Phenol-d6
Concen: 83.618 ng
RT: 7.472 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

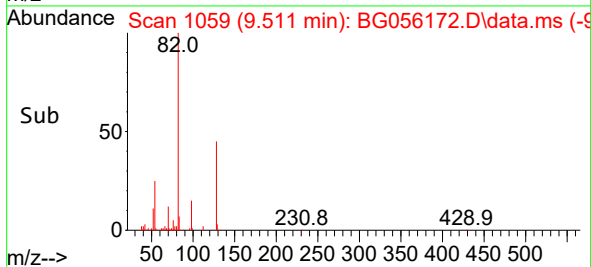
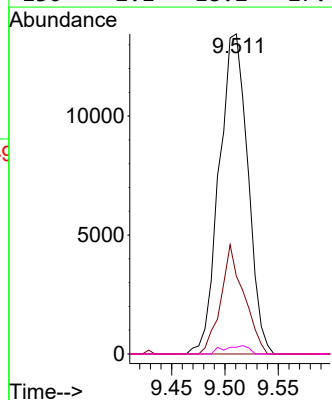
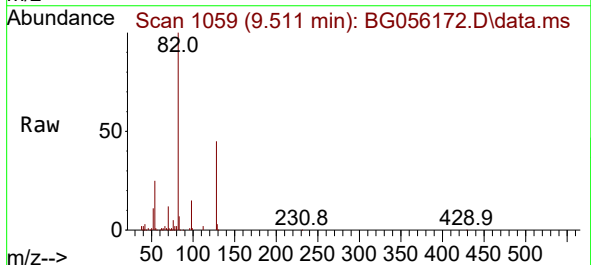
Instrument :
BNA_G
ClientSampleId :
MM-4

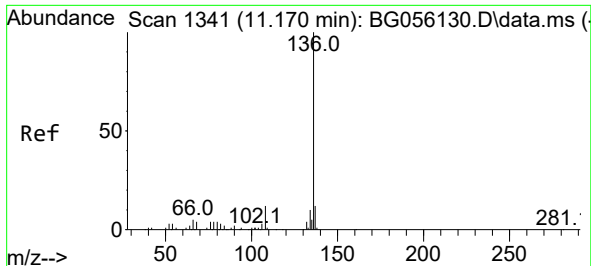
Tgt Ion: 99 Resp: 388853
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 30.8 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.897 ng
RT: 9.511 min Scan# 1059
Delta R.T. 0.368 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

Tgt Ion: 70 Resp: 25159
Ion Ratio Lower Upper
70 100
42 24.3 18.2 27.2
101 0.0 8.3 12.5#
130 2.1 18.2 27.4#

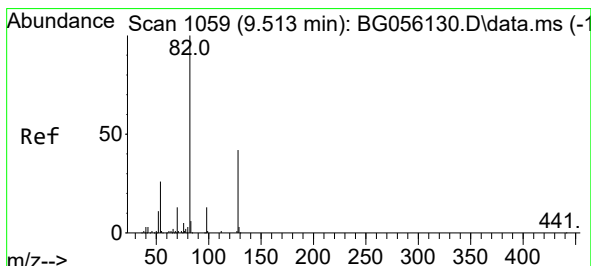
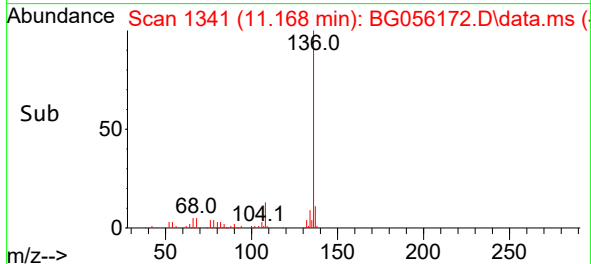
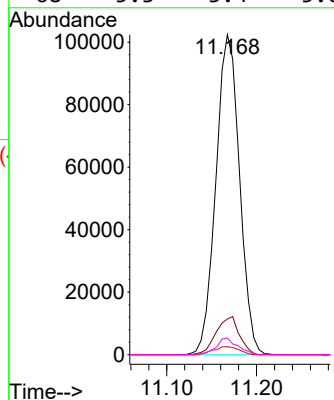
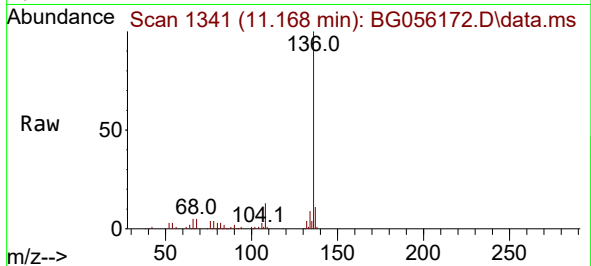




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

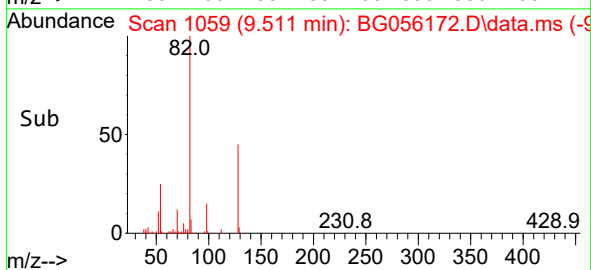
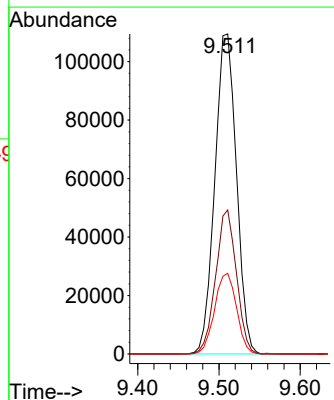
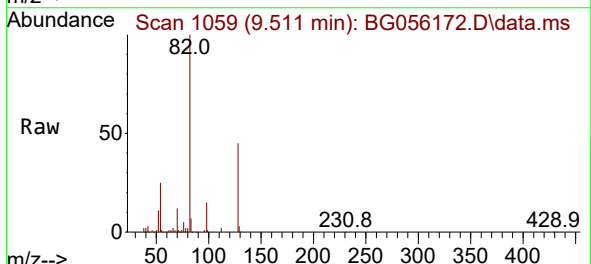
Instrument :
BNA_G
ClientSampleId :
MM-4

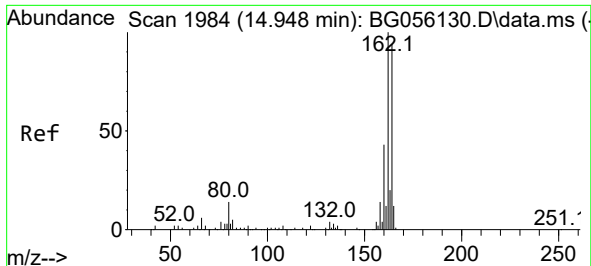
Tgt Ion:136 Resp: 187064
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.5 2.2 3.2
68 5.3 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 55.415 ng
RT: 9.511 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

Tgt Ion: 82 Resp: 202656
Ion Ratio Lower Upper
82 100
128 45.0 33.4 50.2
54 25.2 20.3 30.5

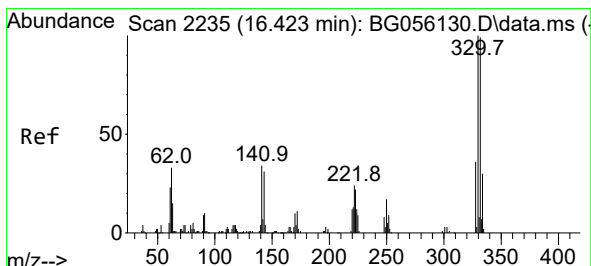
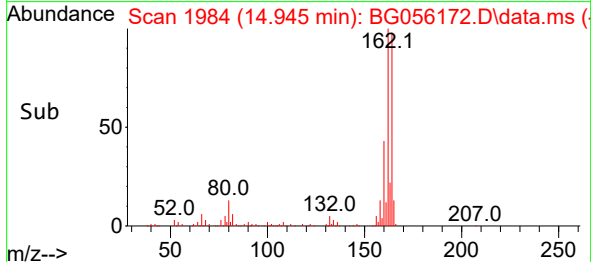
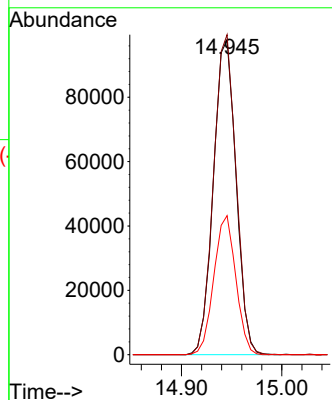
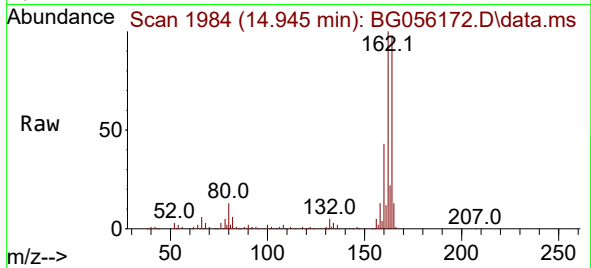




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

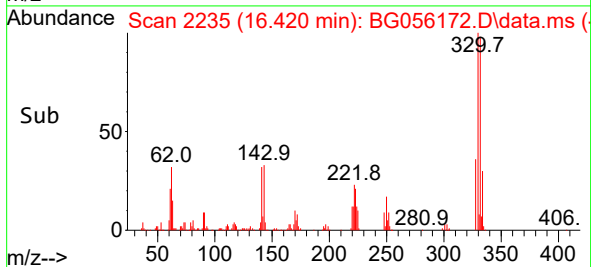
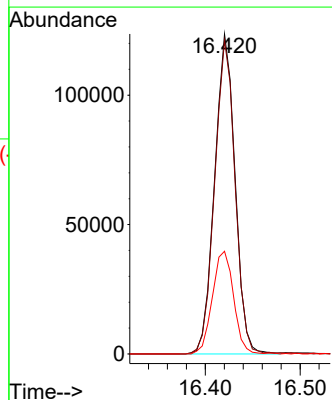
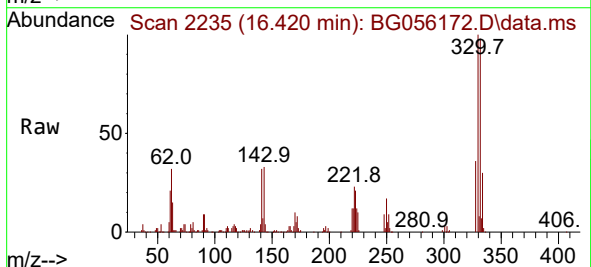
Instrument :
BNA_G
ClientSampleId :
MM-4

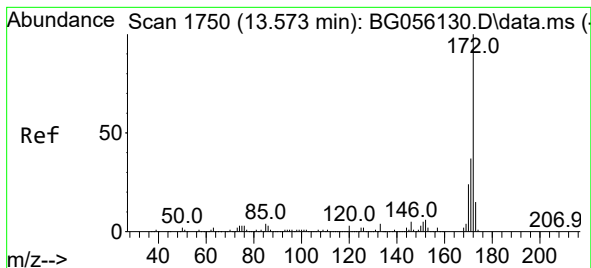
Tgt Ion:164 Resp: 153253
Ion Ratio Lower Upper
164 100
162 101.7 84.7 127.1
160 44.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 95.371 ng
RT: 16.420 min Scan# 2235
Delta R.T. -0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

Tgt Ion:330 Resp: 185107
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 33.4 27.9 41.9

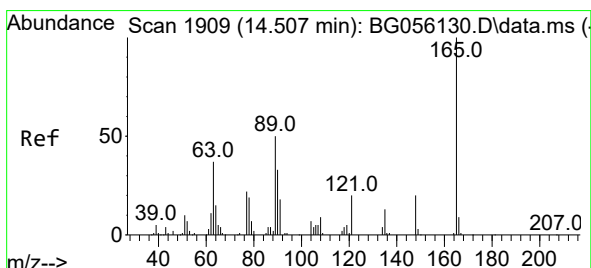
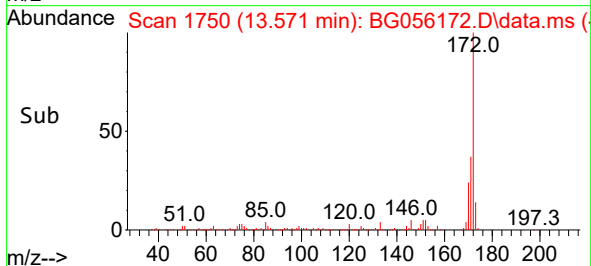
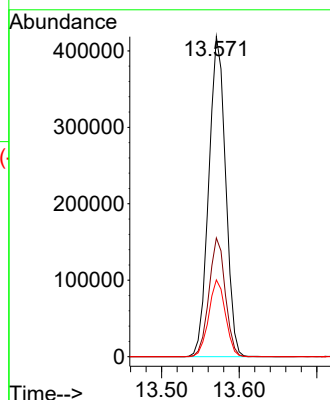
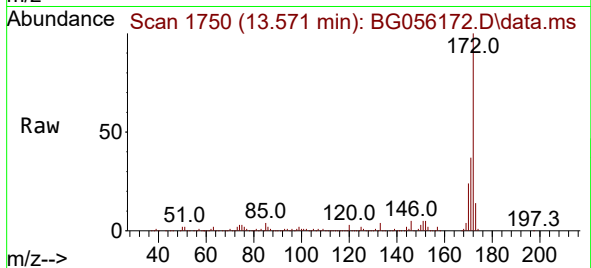




#45
2-Fluorobiphenyl
Concen: 56.921 ng
RT: 13.571 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

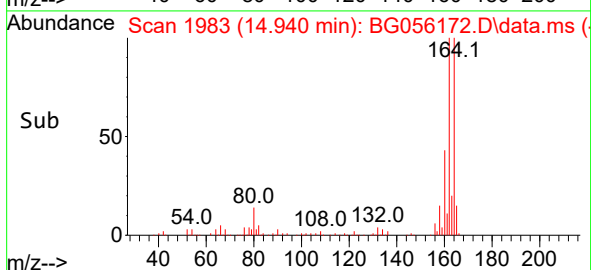
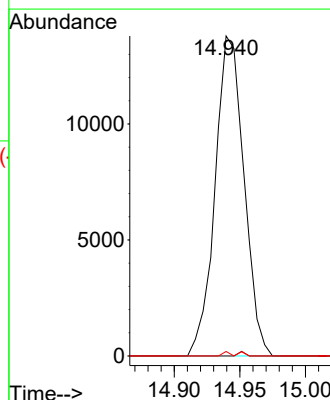
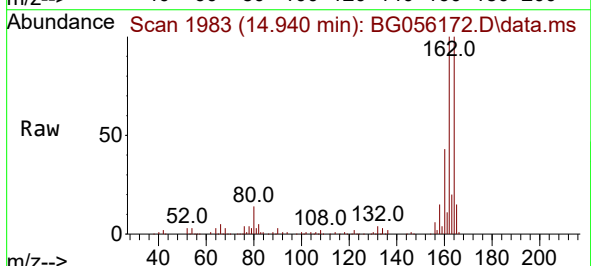
Instrument :
BNA_G
ClientSampleId :
MM-4

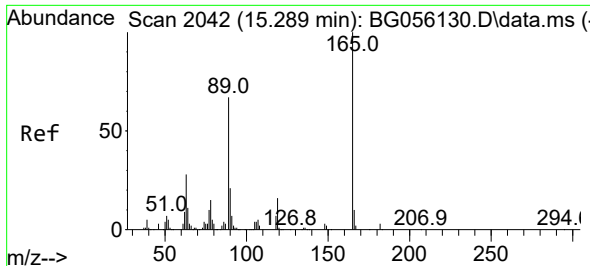
Tgt Ion:172 Resp: 631718
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 8.003 ng
RT: 14.940 min Scan# 1983
Delta R.T. 0.432 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

Tgt Ion:165 Resp: 21098
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.4 39.8 59.8#

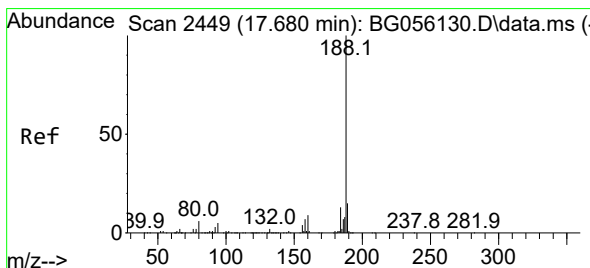
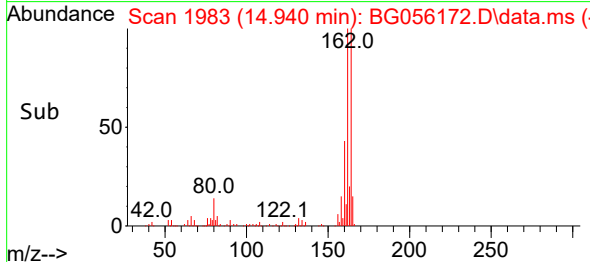
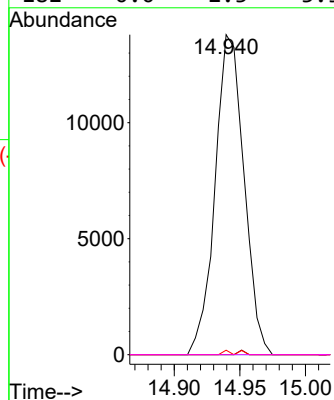
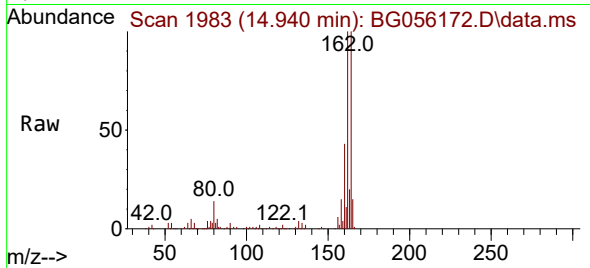




#57
2,4-Dinitrotoluene
Concen: 5.723 ng
RT: 14.940 min Scan# 1983
Delta R.T. -0.349 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

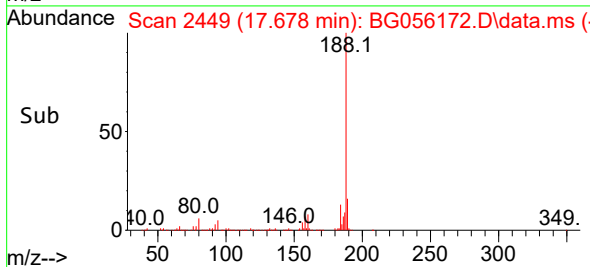
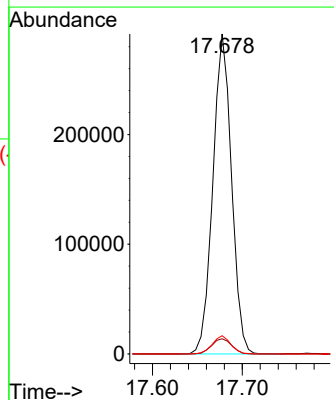
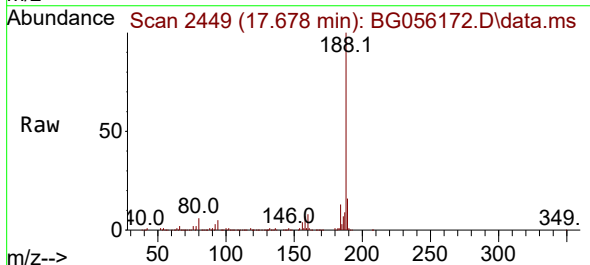
Instrument :
BNA_G
ClientSampleId :
MM-4

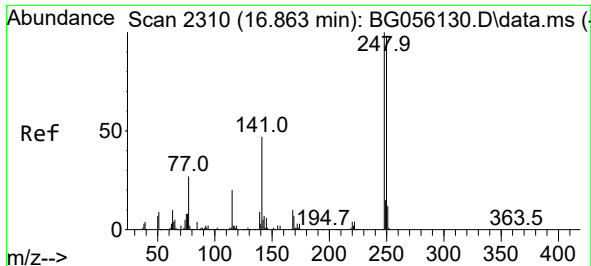
Tgt Ion:165 Resp: 21098
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.4 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.678 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

Tgt Ion:188 Resp: 420415
Ion Ratio Lower Upper
188 100
94 4.7 4.2 6.2
80 5.7 5.0 7.4

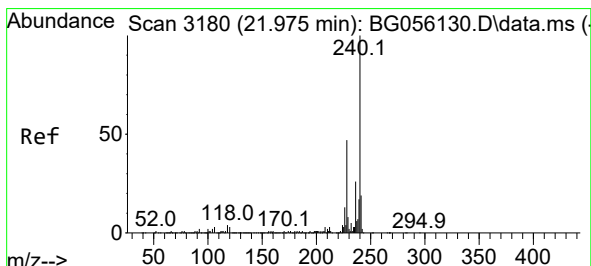
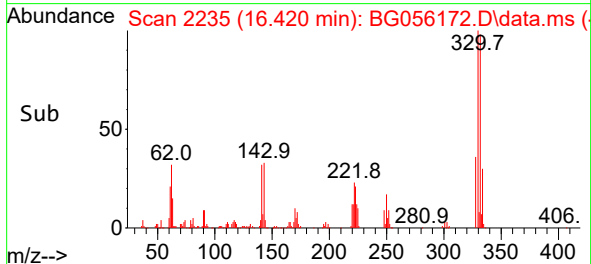
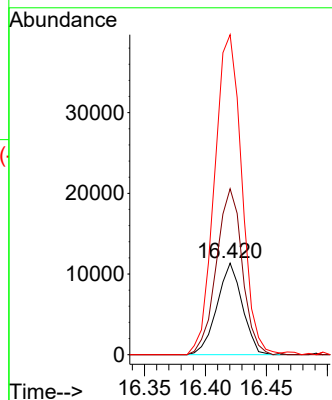
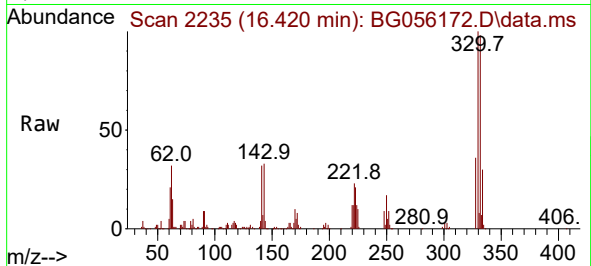




#67
4-Bromophenyl-phenylether
Concen: 3.064 ng
RT: 16.420 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

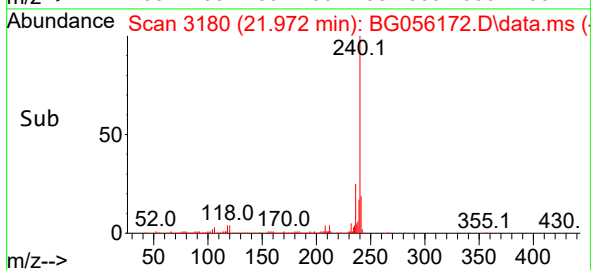
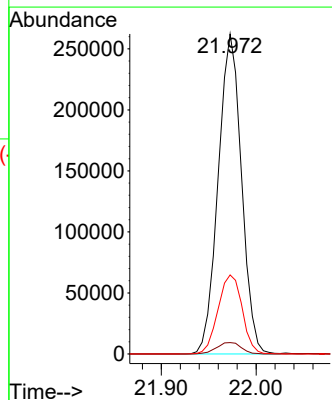
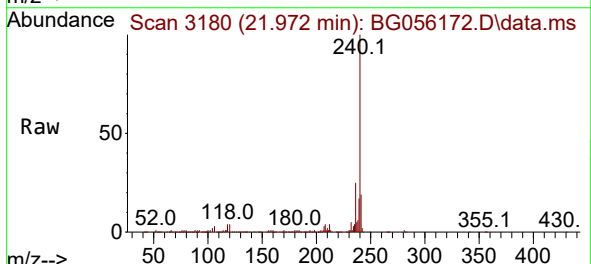
Instrument :
BNA_G
ClientSampleId :
MM-4

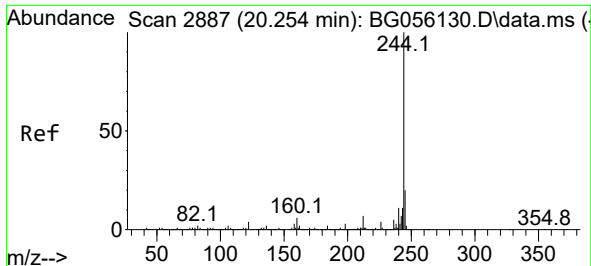
Tgt Ion:248 Resp: 16401
Ion Ratio Lower Upper
248 100
250 181.1 78.2 117.4#
141 349.4 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056172.D
Acq: 30 Dec 2022 15:51

Tgt Ion:240 Resp: 447764
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 24.7 20.8 31.2

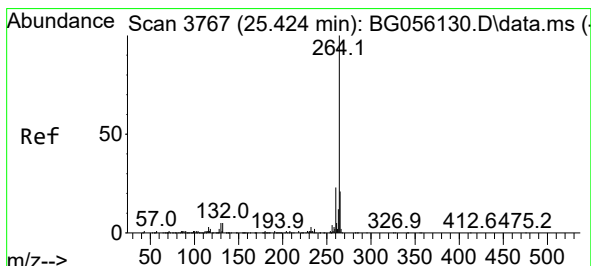
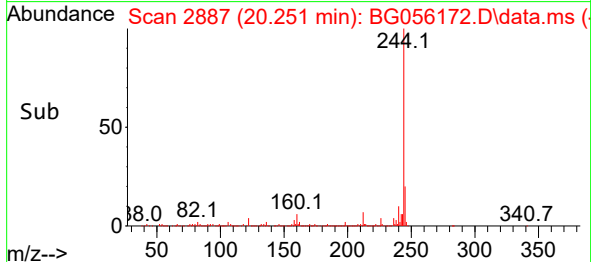
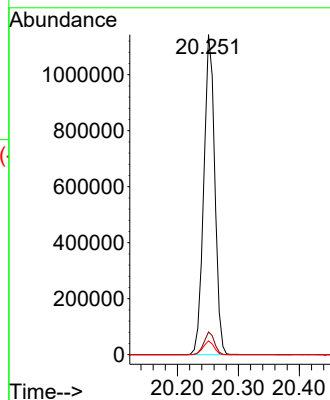
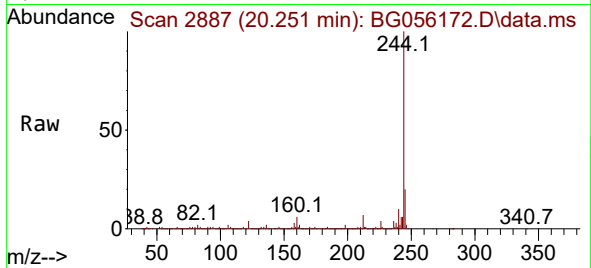




#79
 Terphenyl-d14
 Concen: 57.098 ng
 RT: 20.251 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056172.D
 Acq: 30 Dec 2022 15:51

Instrument :
 BNA_G
 ClientSampleId :
 MM-4

Tgt Ion:244 Resp: 1427465
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 4.3 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.427 min Scan# 3768
 Delta R.T. 0.003 min
 Lab File: BG056172.D
 Acq: 30 Dec 2022 15:51

Tgt Ion:264 Resp: 489469
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.4 16.7 25.1

