

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056375.D
 Acq On : 20 Jan 2023 20:09
 Operator : CG/JU
 Sample : 01232-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP01

Quant Time: Jan 23 00:02:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

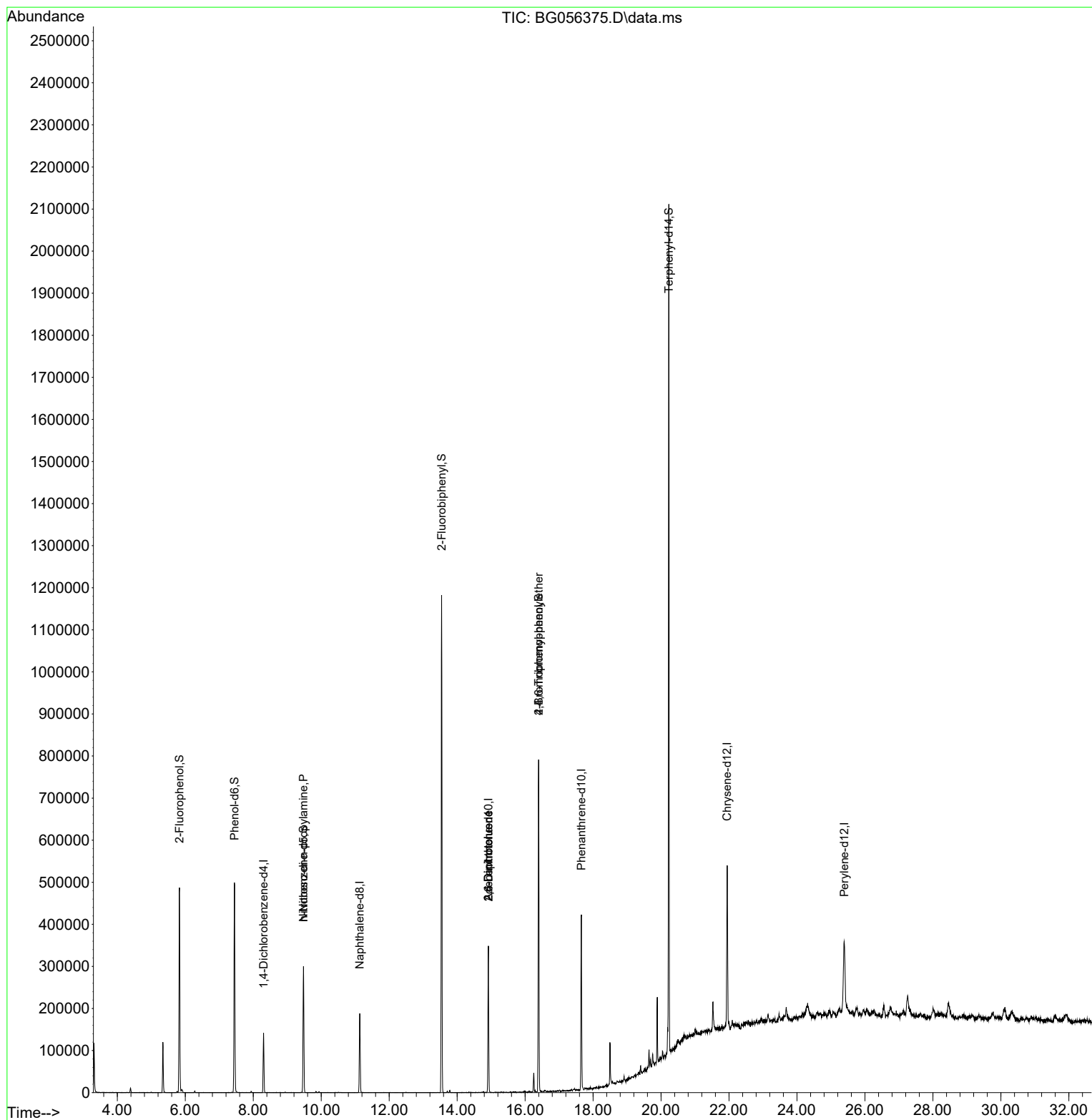
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	47011	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	177848	20.000	ng	0.00
39) Acenaphthene-d10	14.918	164	127856	20.000	ng	0.00
64) Phenanthrene-d10	17.656	188	293543	20.000	ng	0.00
76) Chrysene-d12	21.945	240	269833	20.000	ng	# 0.00
86) Perylene-d12	25.388	264	285669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	291940	110.880	ng	0.00
7) Phenol-d6	7.450	99	400525	99.055	ng	0.00
23) Nitrobenzene-d5	9.477	82	213416	61.381	ng	0.00
42) 2,4,6-Tribromophenol	16.399	330	172891	106.771	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	682705	73.735	ng	0.00
79) Terphenyl-d14	20.229	244	1068179	70.902	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.477	70	26858	10.923	ng	# 73
51) 2,6-Dinitrotoluene	14.918	165	17270	7.853	ng	# 32
57) 2,4-Dinitrotoluene	14.918	165	17270	5.615	ng	# 29
67) 4-Bromophenyl-phenylether	16.399	248	14120	3.777	ng	# 1

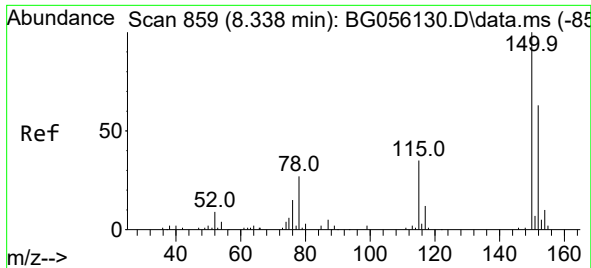
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056375.D
Acq On : 20 Jan 2023 20:09
Operator : CG/JU
Sample : 01232-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP01

Quant Time: Jan 23 00:02:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

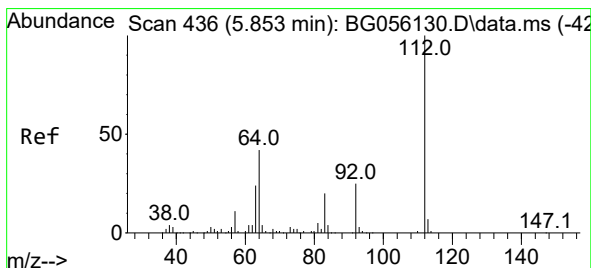
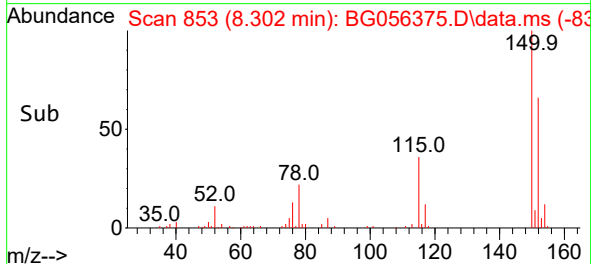
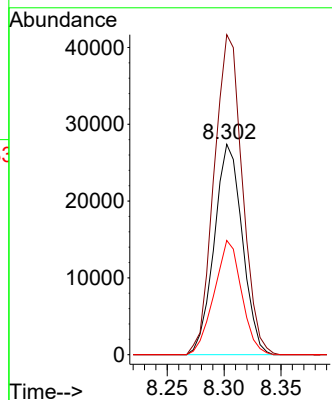
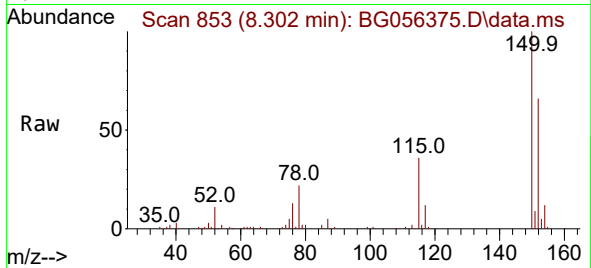




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.302 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

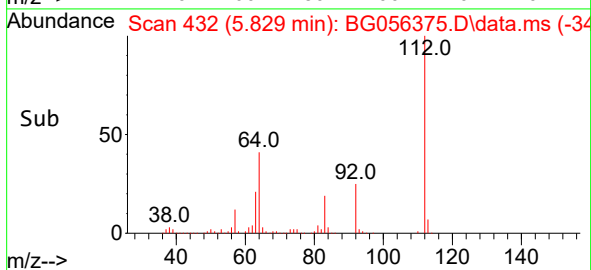
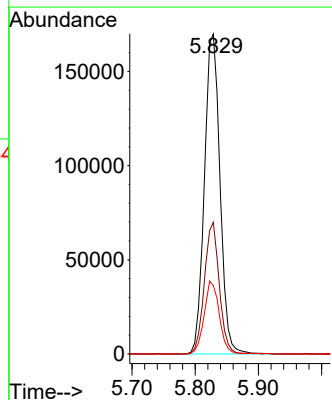
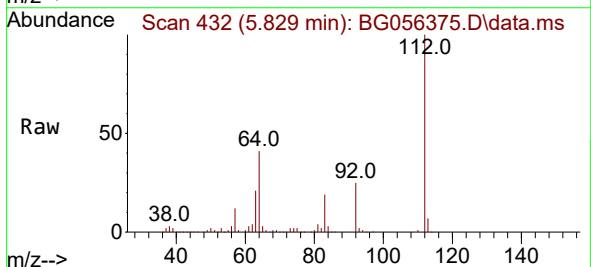
Instrument :
BNA_G
ClientSampleId :
DUP01

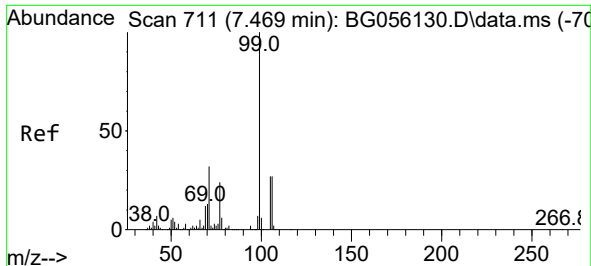
Tgt Ion:152 Resp: 47011
Ion Ratio Lower Upper
152 100
150 152.1 127.9 191.9
115 54.3 44.2 66.2



#5
2-Fluorophenol
Concen: 110.880 ng
RT: 5.829 min Scan# 432
Delta R.T. 0.002 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

Tgt Ion:112 Resp: 291940
Ion Ratio Lower Upper
112 100
64 41.1 33.3 49.9
63 21.4 19.0 28.4

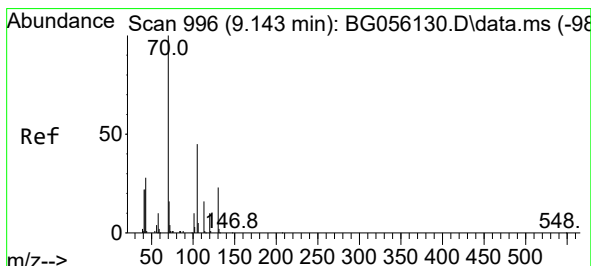
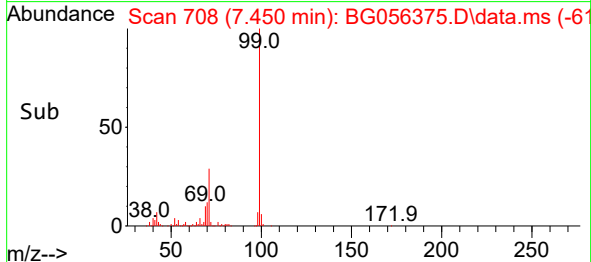
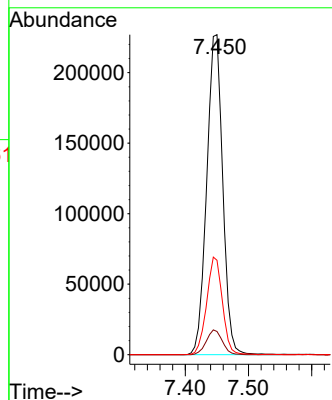
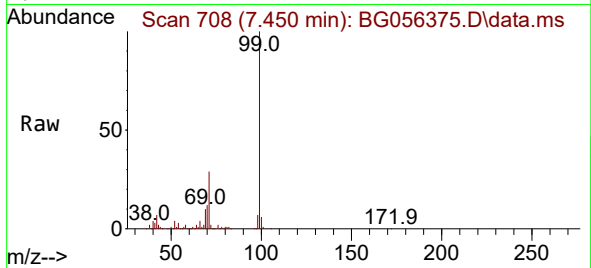




#7
Phenol-d6
Concen: 99.055 ng
RT: 7.450 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

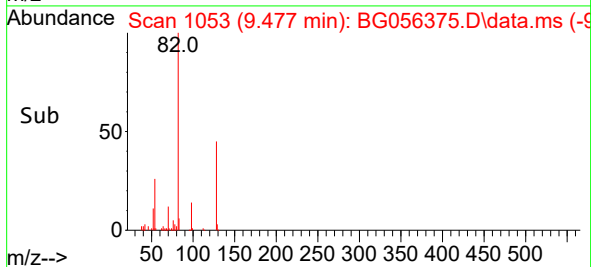
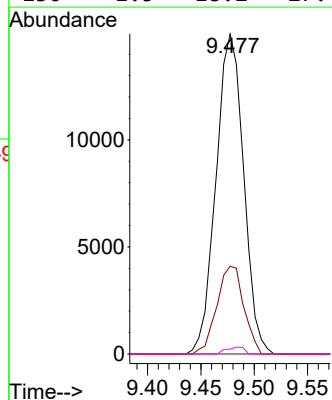
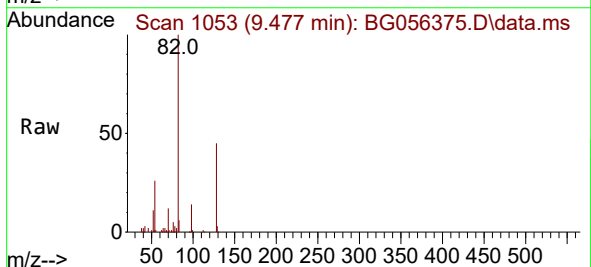
Instrument :
BNA_G
ClientSampleId :
DUP01

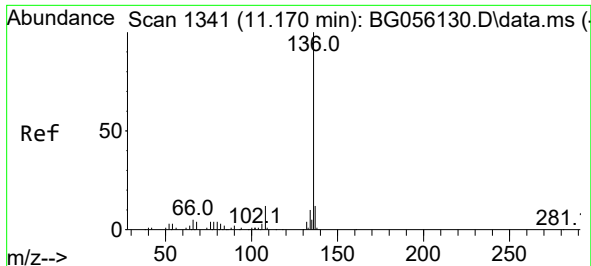
Tgt Ion: 99 Resp: 400525
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.923 ng
RT: 9.477 min Scan# 1053
Delta R.T. 0.366 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

Tgt Ion: 70 Resp: 26858
Ion Ratio Lower Upper
70 100
42 27.4 18.2 27.2#
101 0.0 8.3 12.5#
130 1.5 18.2 27.4#

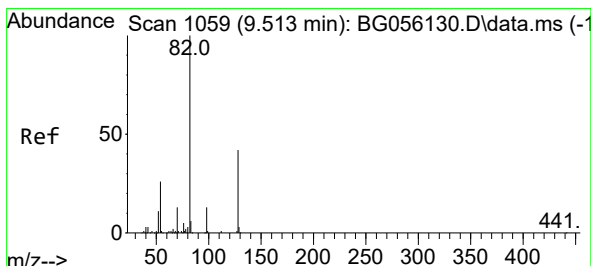
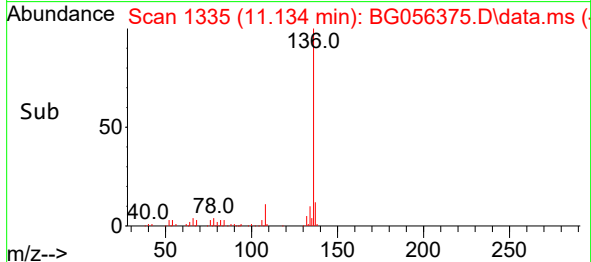
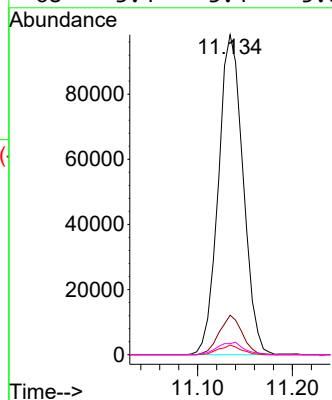
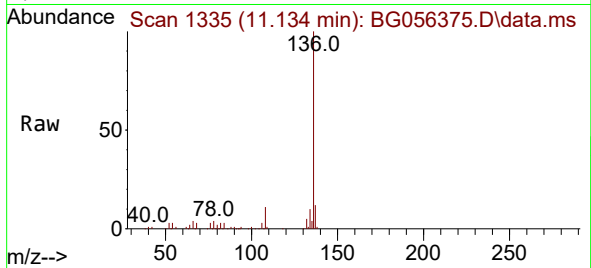




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

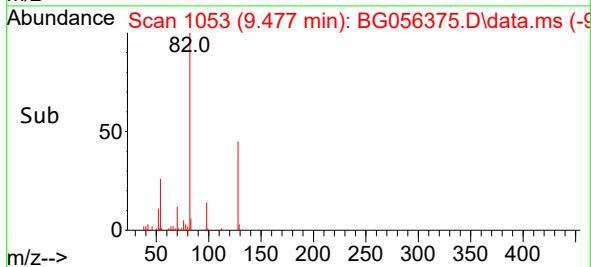
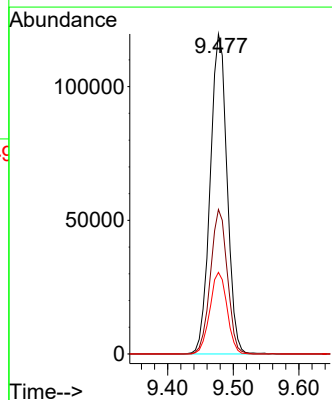
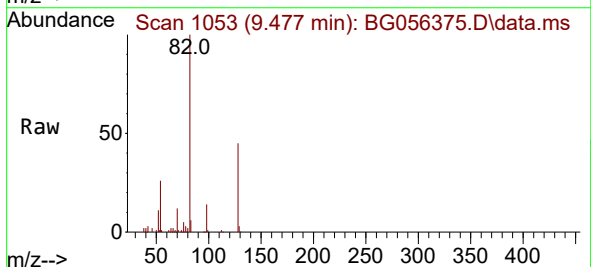
Instrument :
BNA_G
ClientSampleId :
DUP01

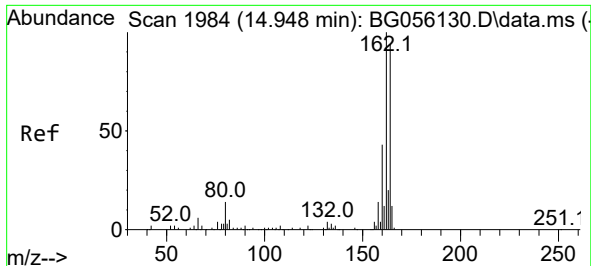
Tgt Ion:	136	Resp:	177848
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.0
54	3.0	2.2	3.2
68	3.4	3.4	5.0



#23
Nitrobenzene-d5
Concen: 61.381 ng
RT: 9.477 min Scan# 1053
Delta R.T. -0.010 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

Tgt Ion:	82	Resp:	213416
Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.4	50.2
54	25.5	20.3	30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.918 min Scan# 1984

Delta R.T. -0.004 min

Lab File: BG056375.D

Acq: 20 Jan 2023 20:09

Instrument :

BNA_G

ClientSampleId :

DUP01

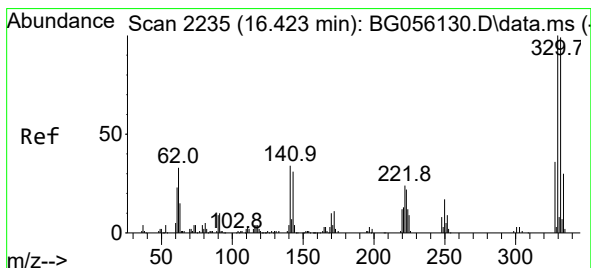
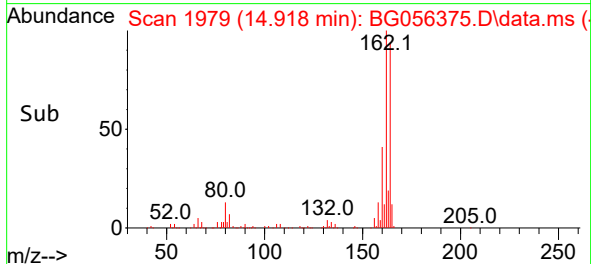
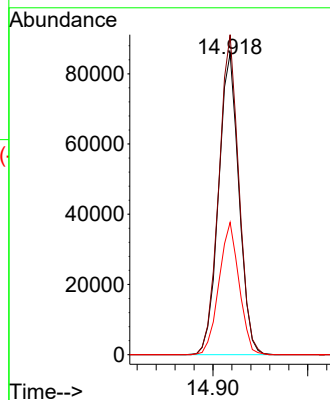
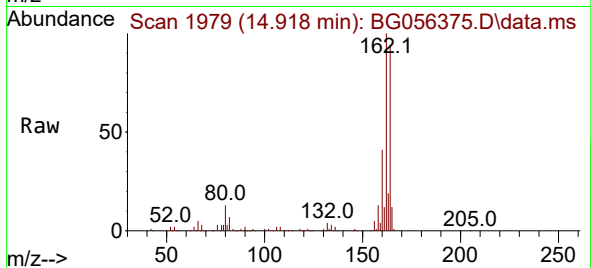
Tgt Ion:164 Resp: 127856

Ion Ratio Lower Upper

164 100

162 106.3 84.7 127.1

160 43.9 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 106.771 ng

RT: 16.399 min Scan# 2231

Delta R.T. -0.004 min

Lab File: BG056375.D

Acq: 20 Jan 2023 20:09

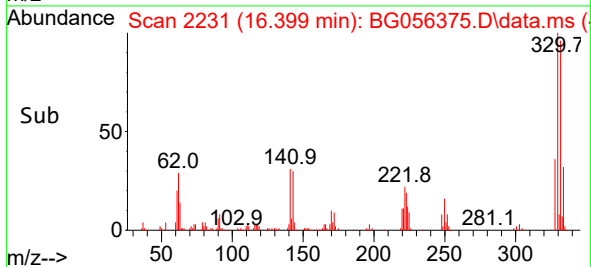
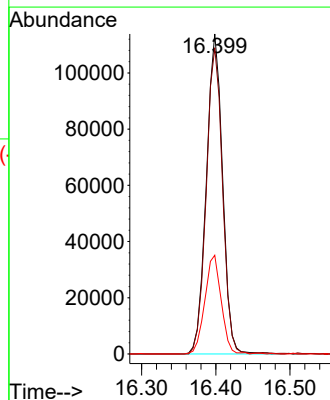
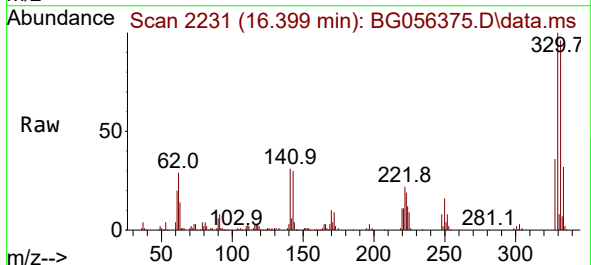
Tgt Ion:330 Resp: 172891

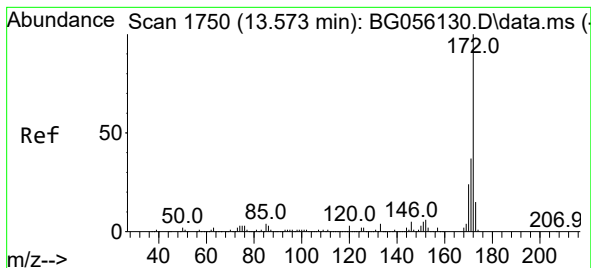
Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 31.1 27.9 41.9

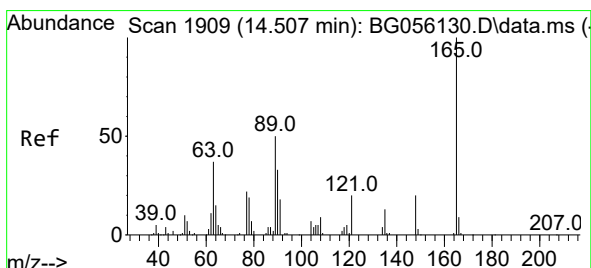
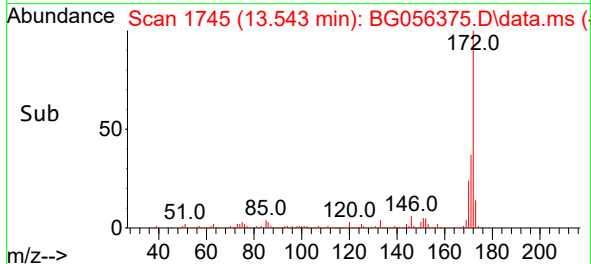
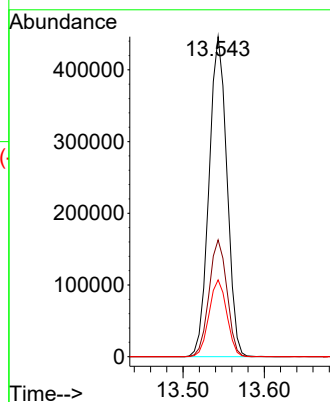
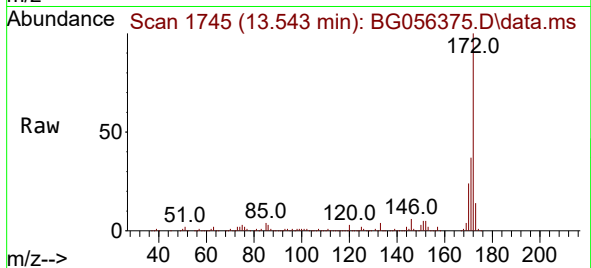




#45
2-Fluorobiphenyl
Concen: 73.735 ng
RT: 13.543 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

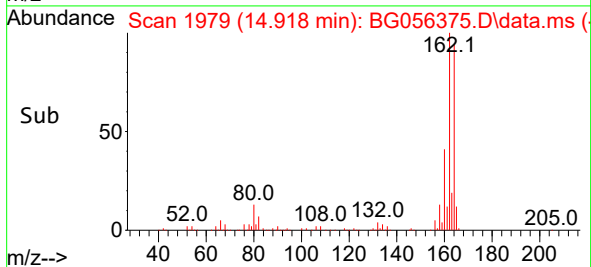
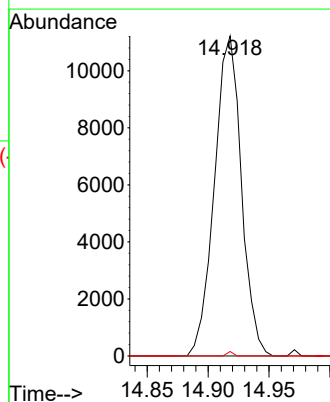
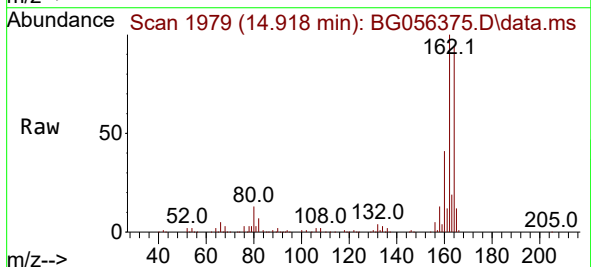
Instrument :
BNA_G
ClientSampleId :
DUP01

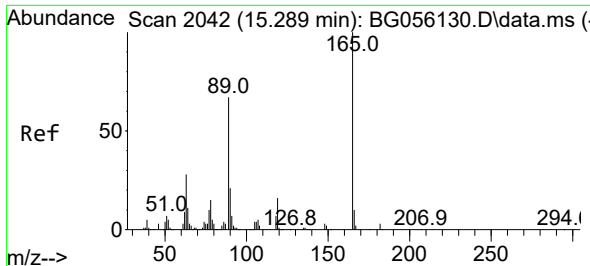
Tgt Ion:172 Resp: 682705
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.853 ng
RT: 14.918 min Scan# 1979
Delta R.T. 0.431 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

Tgt Ion:165 Resp: 17270
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: 5.615 ng

RT: 14.918 min Scan# 14

Delta R.T. -0.356 min

Lab File: BG056375.D

Acq: 20 Jan 2023 20:09

Instrument :

BNA_G

ClientSampleId :

DUP01

Tgt Ion:165 Resp: 17270

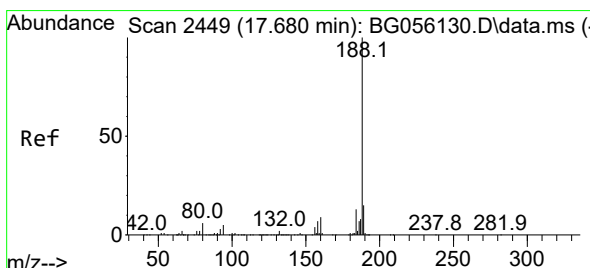
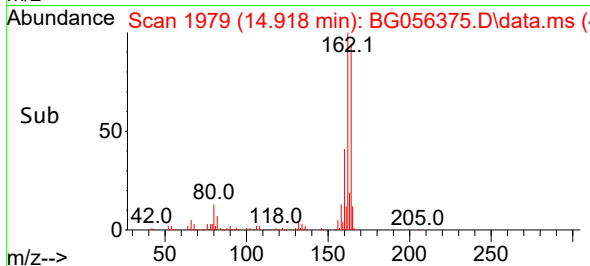
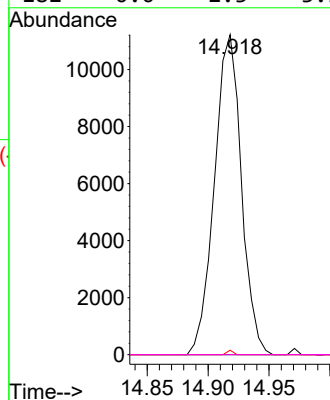
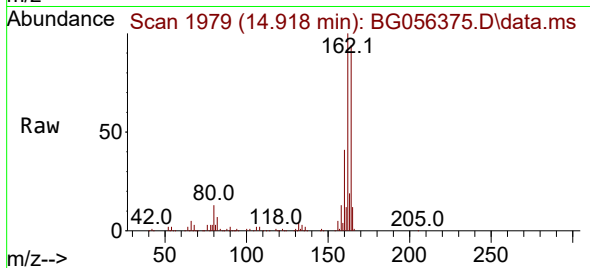
Ion Ratio Lower Upper

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: 17.656 min Scan# 2445

Delta R.T. -0.004 min

Lab File: BG056375.D

Acq: 20 Jan 2023 20:09

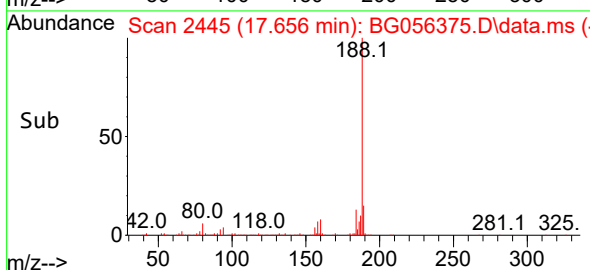
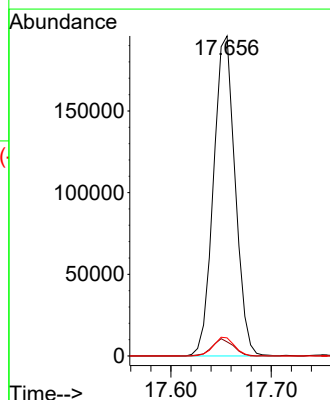
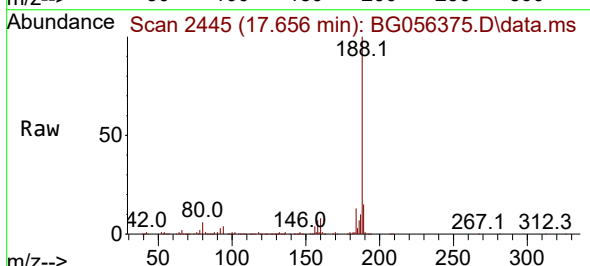
Tgt Ion:188 Resp: 293543

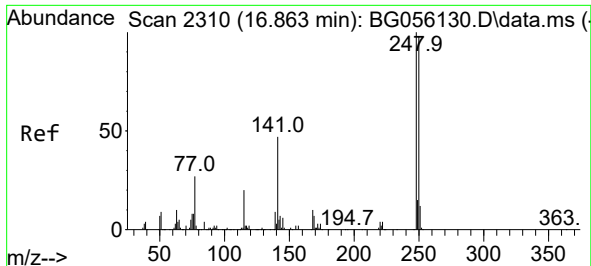
Ion Ratio Lower Upper

188 100

94 4.4 4.2 6.2

80 5.7 5.0 7.4

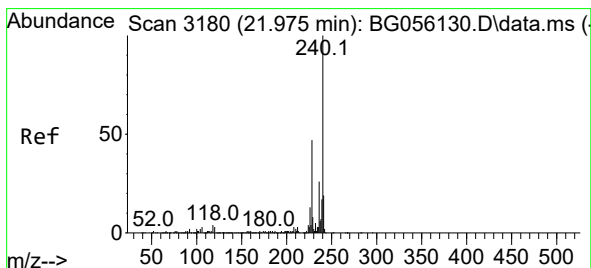
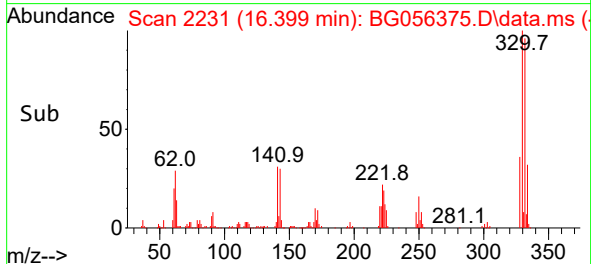
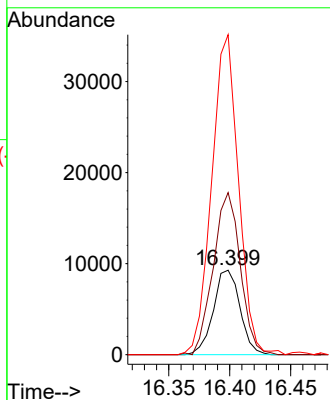
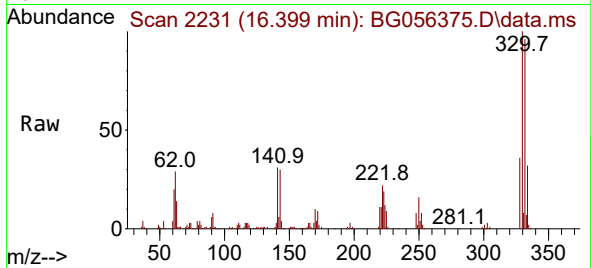




#67
4-Bromophenyl-phenylether
Concen: 3.777 ng
RT: 16.399 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

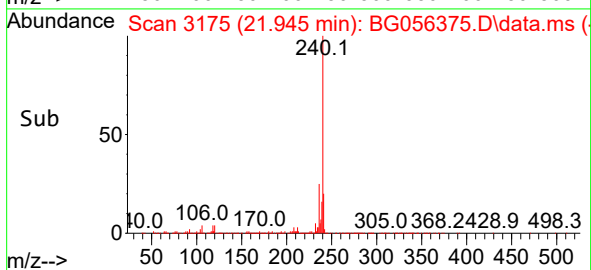
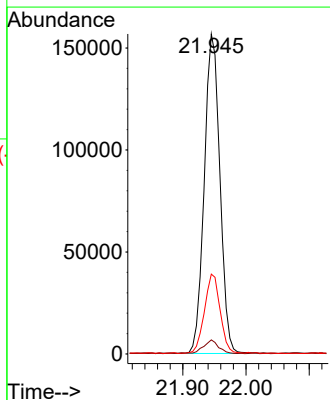
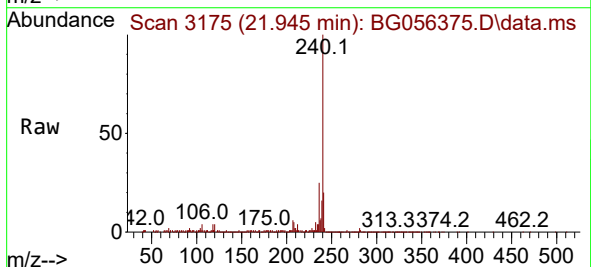
Instrument :
BNA_G
ClientSampleId :
DUP01

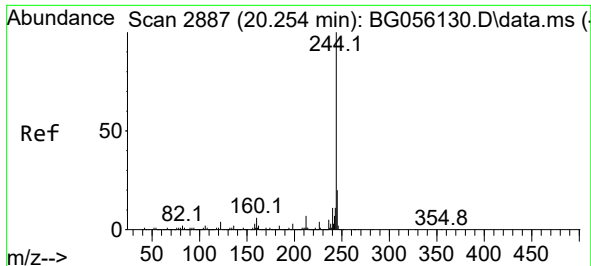
Tgt Ion:248 Resp: 14120
Ion Ratio Lower Upper
248 100
250 149.9 78.2 117.4#
141 295.9 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.945 min Scan# 3175
Delta R.T. -0.010 min
Lab File: BG056375.D
Acq: 20 Jan 2023 20:09

Tgt Ion:240 Resp: 269833
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.0 20.8 31.2

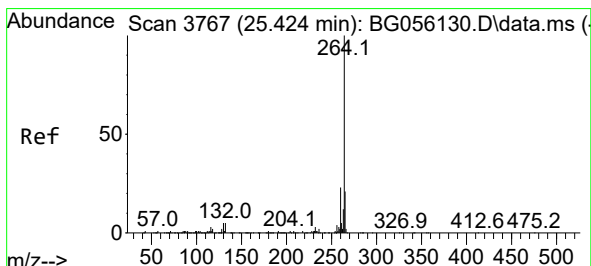
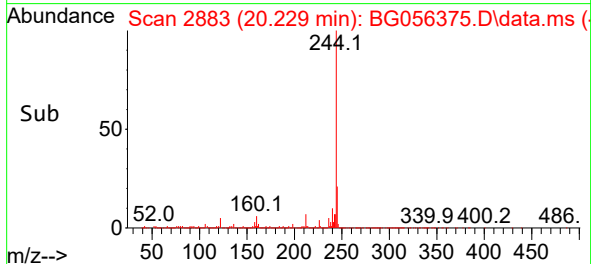
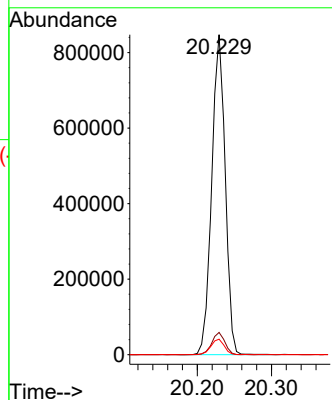
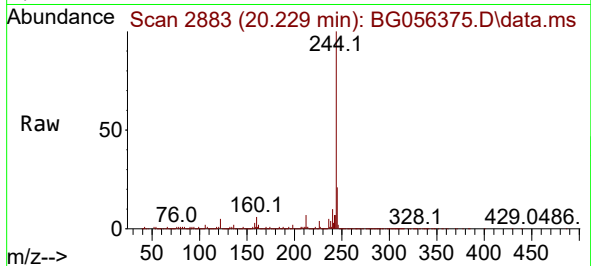




#79
 Terphenyl-d14
 Concen: 70.902 ng
 RT: 20.229 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056375.D
 Acq: 20 Jan 2023 20:09

Instrument :
 BNA_G
 ClientSampleId :
 DUP01

Tgt Ion:244 Resp: 1068179
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.388 min Scan# 3761
 Delta R.T. -0.004 min
 Lab File: BG056375.D
 Acq: 20 Jan 2023 20:09

Tgt Ion:264 Resp: 285669
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.6 28.0
 265 21.9 16.7 25.1

