

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056930.D
 Acq On : 30 Mar 2023 19:31
 Operator : CG/JU
 Sample : PB151743BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151743BL

Quant Time: Mar 31 04:04:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

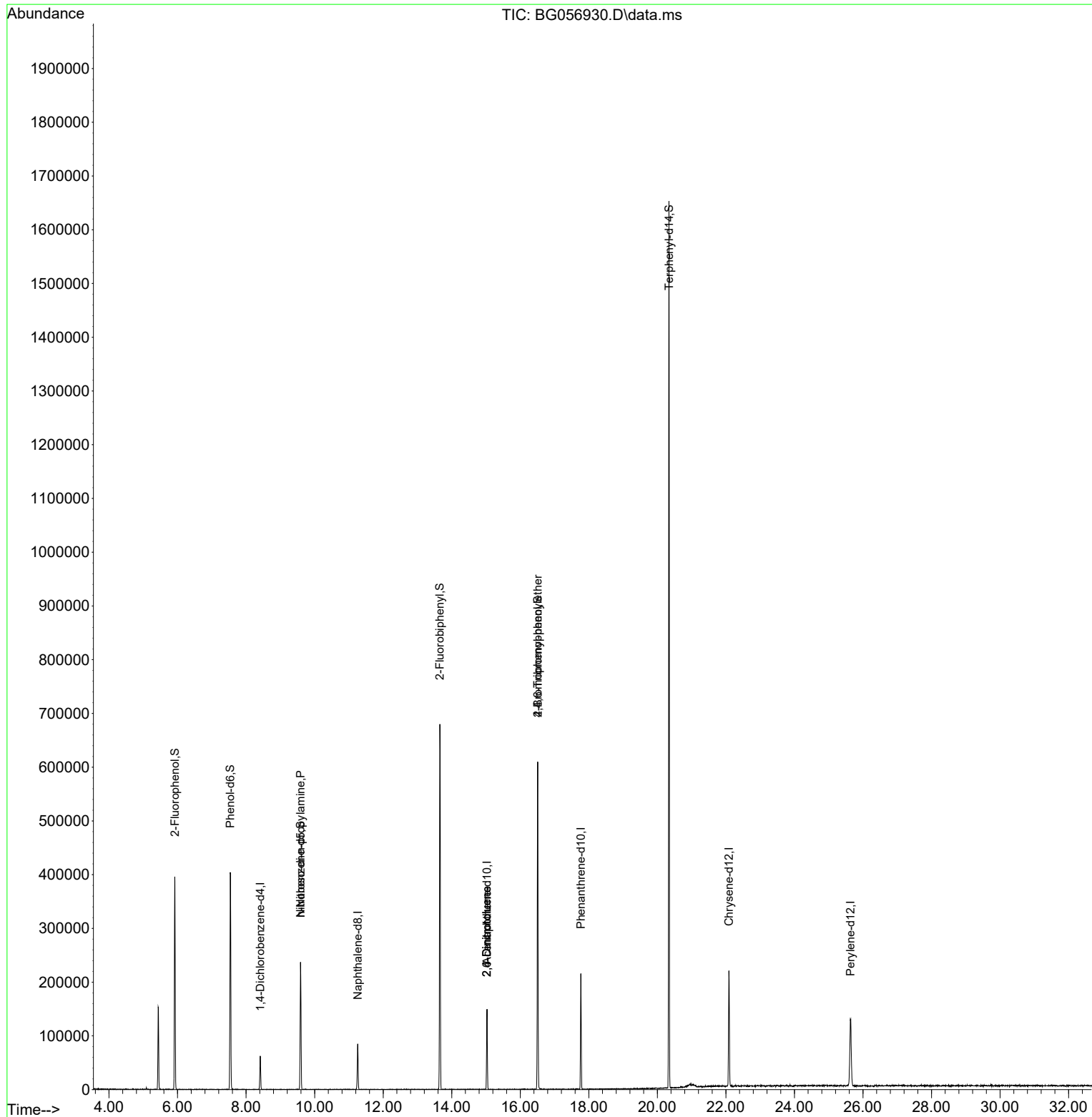
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	16378	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	66890	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	52102	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	135729	20.000	ng	0.00
76) Chrysene-d12	22.089	240	142309	20.000	ng	0.00
86) Perylene-d12	25.637	264	153092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	160007	156.358	ng	0.00
7) Phenol-d6	7.538	99	231591	151.314	ng	0.00
23) Nitrobenzene-d5	9.588	82	145811	89.195	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	119131	143.127	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	351031	91.360	ng	0.00
79) Terphenyl-d14	20.339	244	809274	96.229	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.588	70	20670	18.881	ng	# 81
51) 2,6-Dinitrotoluene	15.022	165	7131	8.040	ng	# 18
57) 2,4-Dinitrotoluene	15.022	165	7131	5.700	ng	# 18
67) 4-Bromophenyl-phenylether	16.508	248	7423	4.420	ng	# 1

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

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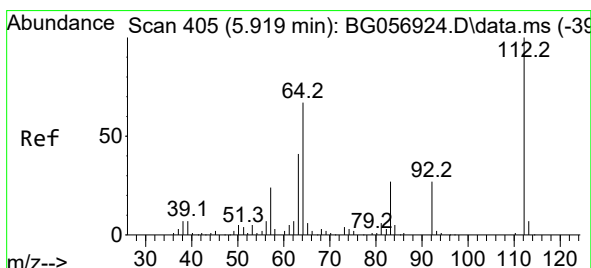
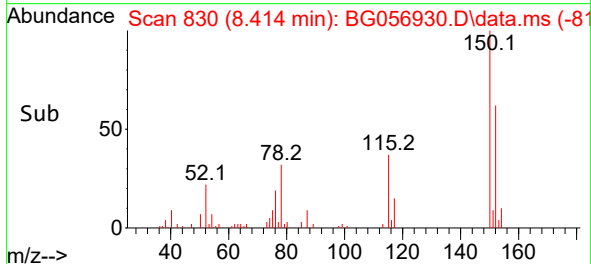
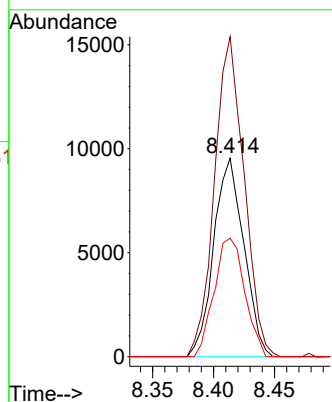
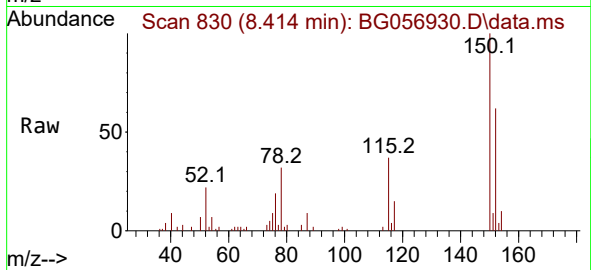




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.414 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

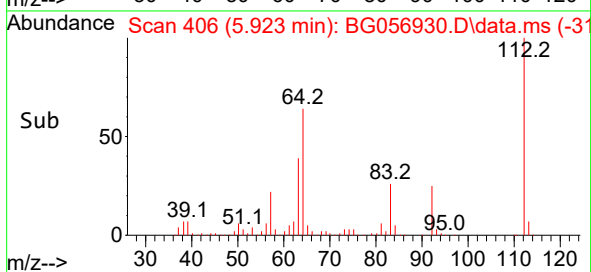
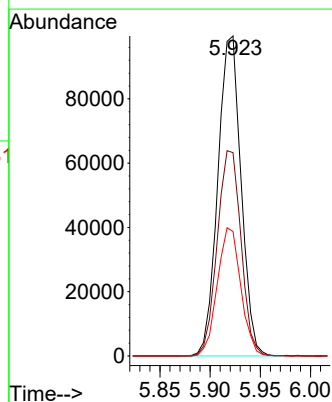
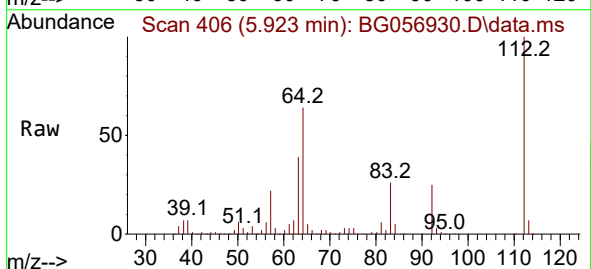
Instrument :
BNA_G
ClientSampleId :
PB151743BL

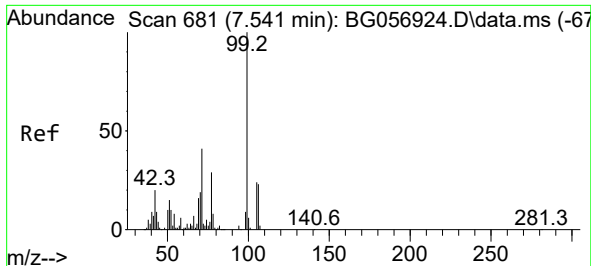
Tgt Ion:152 Resp: 16378
Ion Ratio Lower Upper
152 100
150 161.1 124.1 186.1
115 59.6 49.1 73.7



#5
2-Fluorophenol
Concen: 156.358 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

Tgt Ion:112 Resp: 160007
Ion Ratio Lower Upper
112 100
64 63.6 53.2 79.8
63 38.9 32.6 48.8

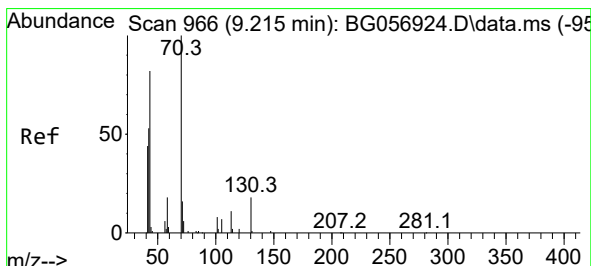
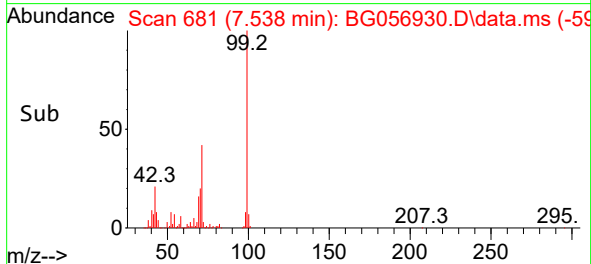
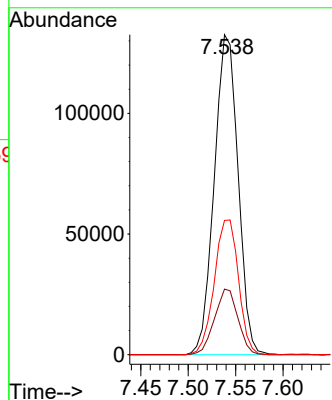
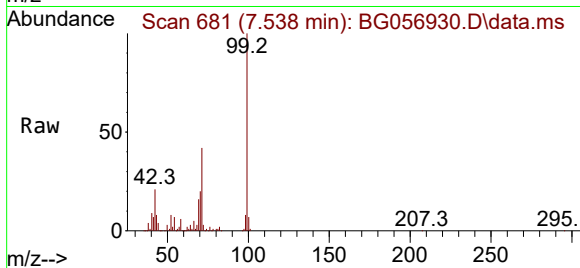




#7
Phenol-d6
Concen: 151.314 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

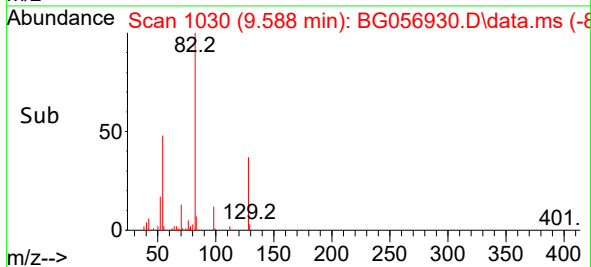
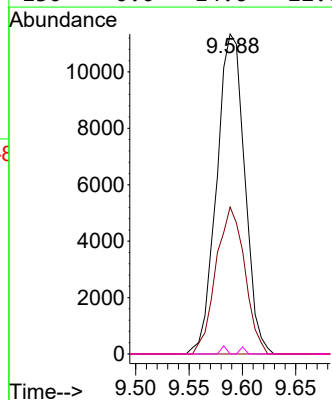
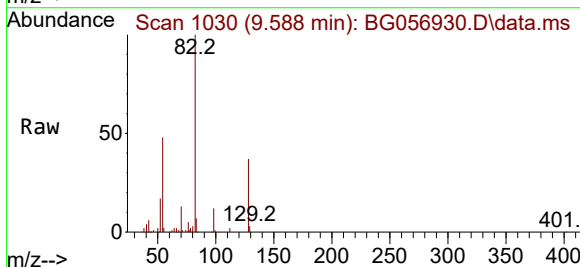
Instrument :
BNA_G
ClientSampleId :
PB151743BL

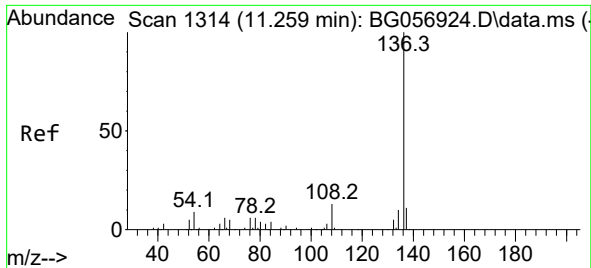
Tgt Ion: 99 Resp: 231591
Ion Ratio Lower Upper
99 100
42 20.5 15.7 23.5
71 41.9 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.881 ng
RT: 9.588 min Scan# 1030
Delta R.T. 0.374 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

Tgt Ion: 70 Resp: 20670
Ion Ratio Lower Upper
70 100
42 45.9 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

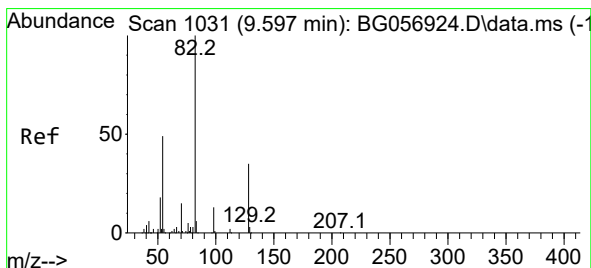
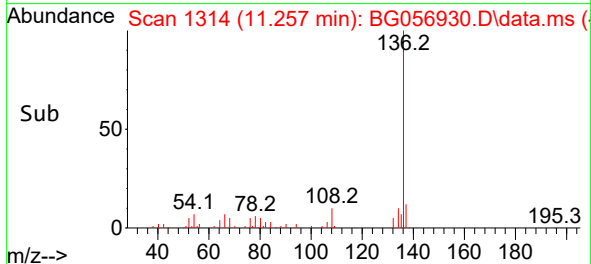
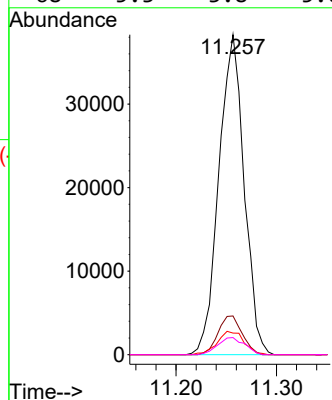
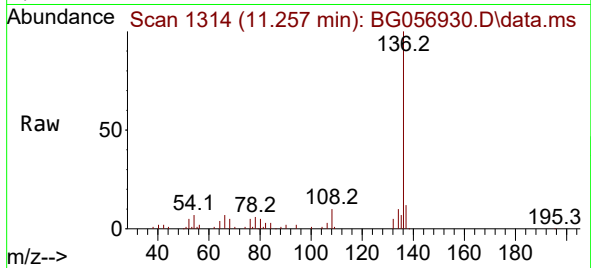




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

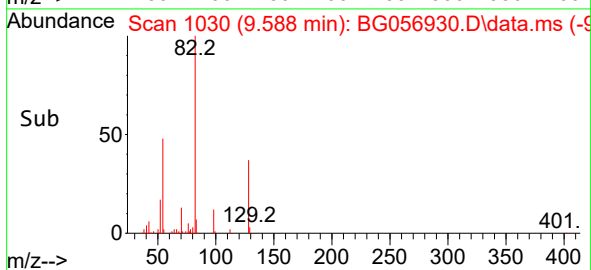
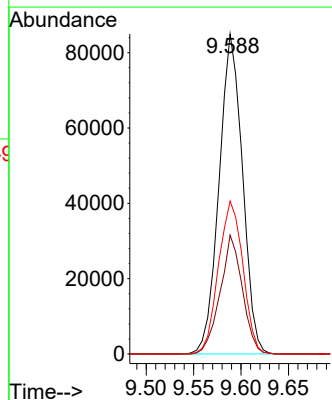
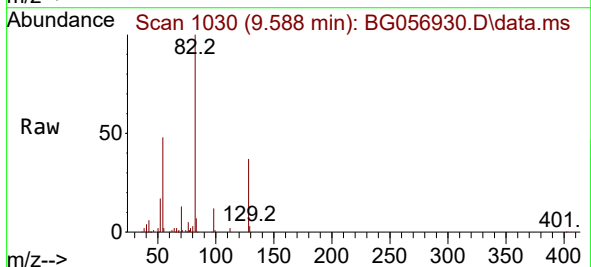
Instrument :
BNA_G
ClientSampleId :
PB151743BL

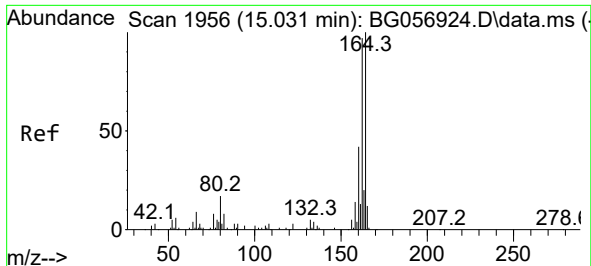
Tgt Ion:136 Resp: 66890
Ion Ratio Lower Upper
136 100
137 12.1 8.6 13.0
54 6.8 6.9 10.3#
68 5.3 3.8 5.6



#23
Nitrobenzene-d5
Concen: 89.195 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.008 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

Tgt Ion: 82 Resp: 145811
Ion Ratio Lower Upper
82 100
128 37.1 27.9 41.9
54 47.8 39.4 59.2

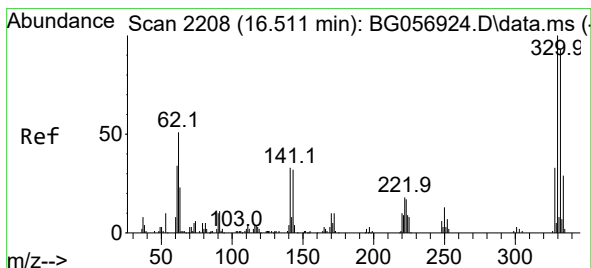
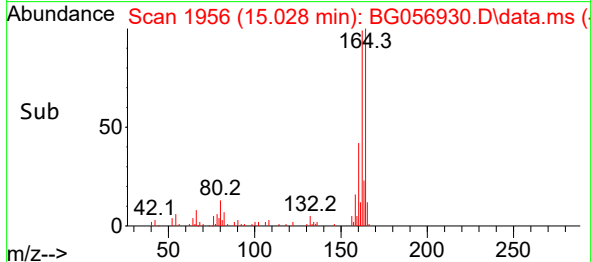
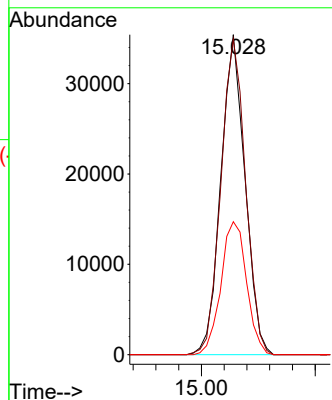
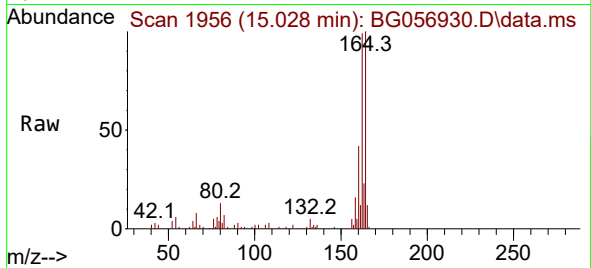




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

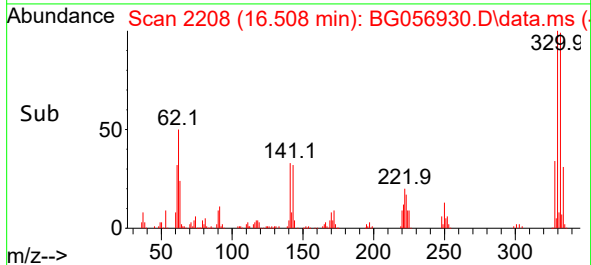
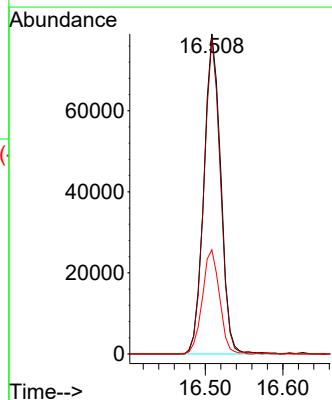
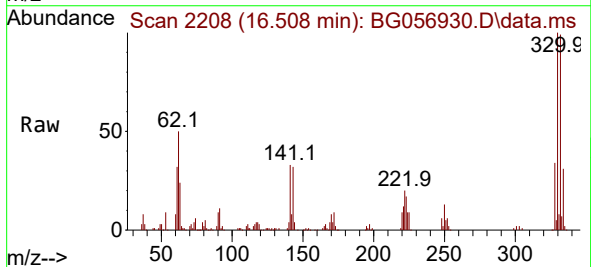
Instrument :
BNA_G
ClientSampleId :
PB151743BL

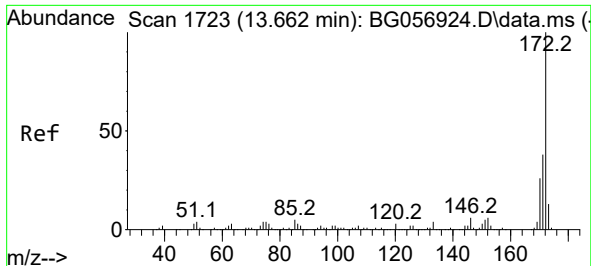
Tgt Ion:164 Resp: 52102
Ion Ratio Lower Upper
164 100
162 98.7 77.8 116.8
160 41.5 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 143.127 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

Tgt Ion:330 Resp: 119131
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 33.1 25.8 38.6

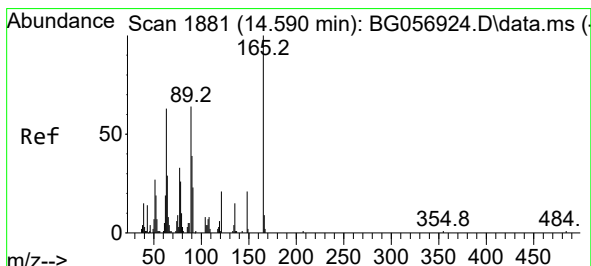
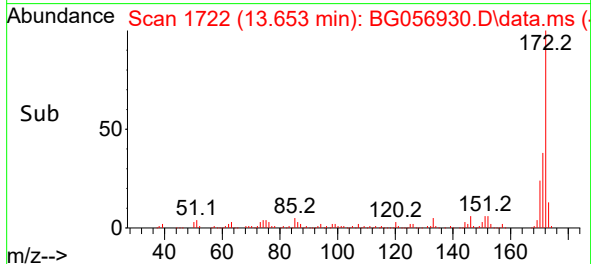
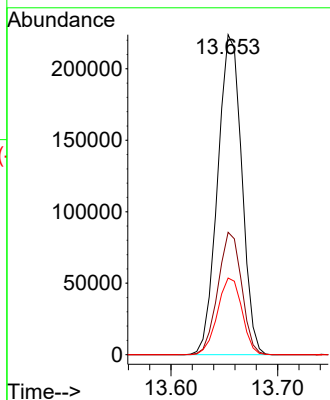
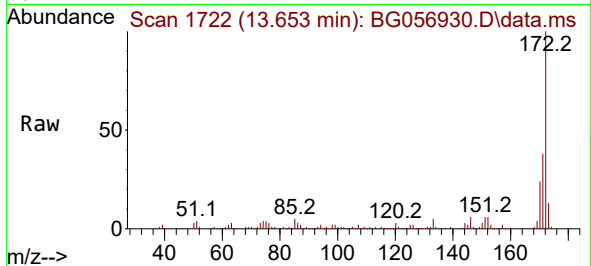




#45
2-Fluorobiphenyl
Concen: 91.360 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

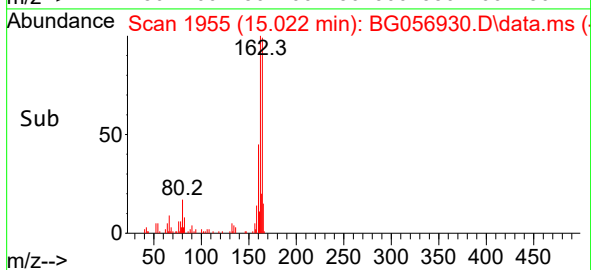
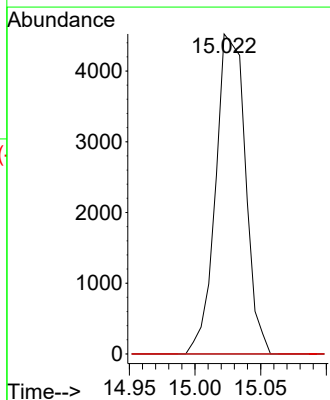
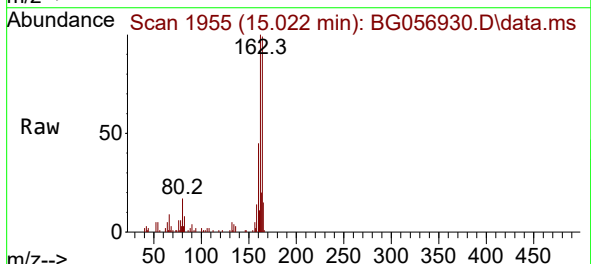
Instrument :
BNA_G
ClientSampleId :
PB151743BL

Tgt Ion:172 Resp: 351031
Ion Ratio Lower Upper
172 100
171 38.3 30.6 46.0
170 24.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.040 ng
RT: 15.022 min Scan# 1955
Delta R.T. 0.432 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

Tgt Ion:165 Resp: 7131
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.700 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.355 min

Lab File: BG056930.D

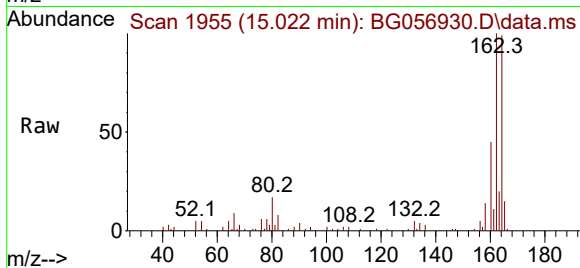
Acq: 30 Mar 2023 19:31

Instrument :

BNA_G

ClientSampleId :

PB151743BL



Tgt Ion:165 Resp: 7131

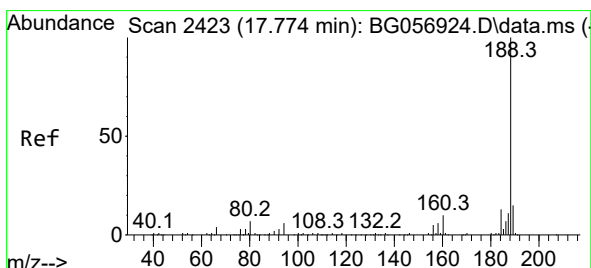
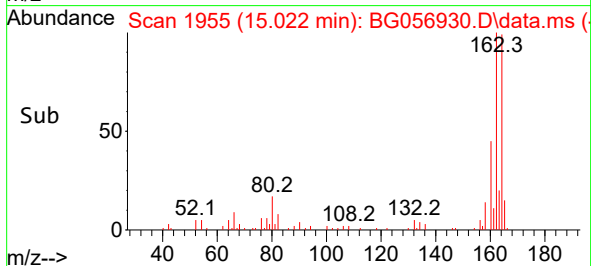
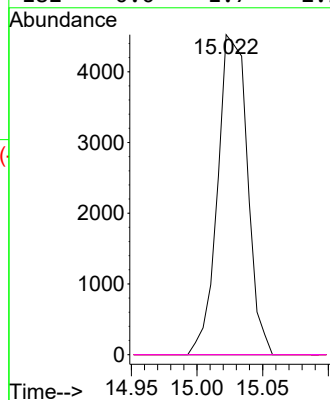
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.766 min Scan# 2422

Delta R.T. -0.008 min

Lab File: BG056930.D

Acq: 30 Mar 2023 19:31

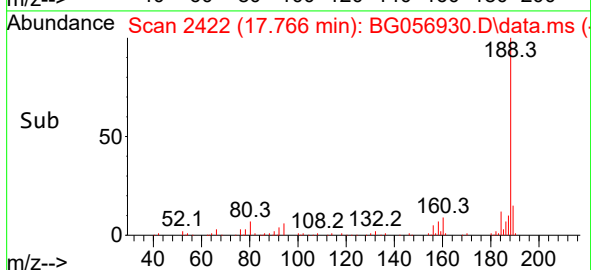
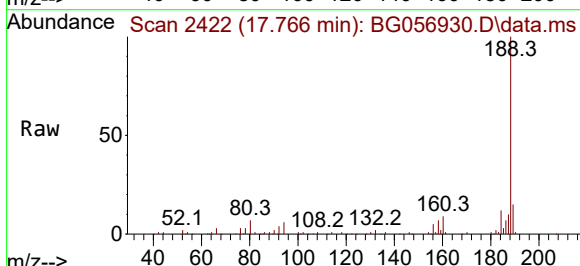
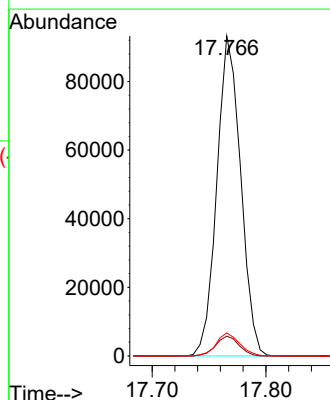
Tgt Ion:188 Resp: 135729

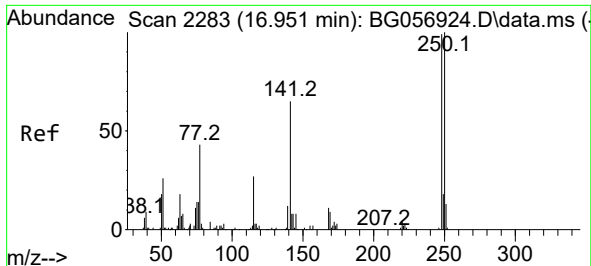
Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.2 5.5 8.3

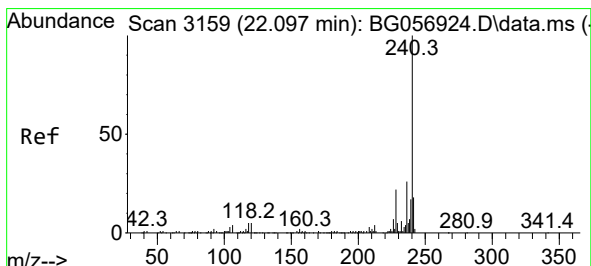
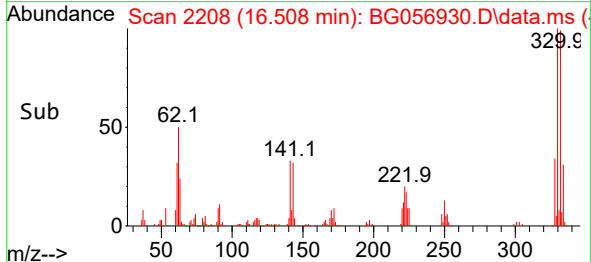
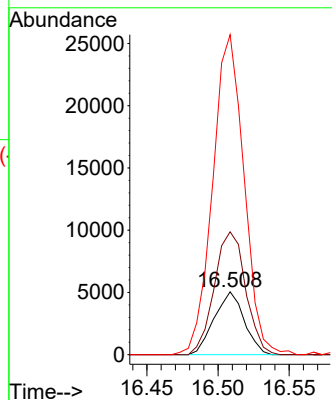
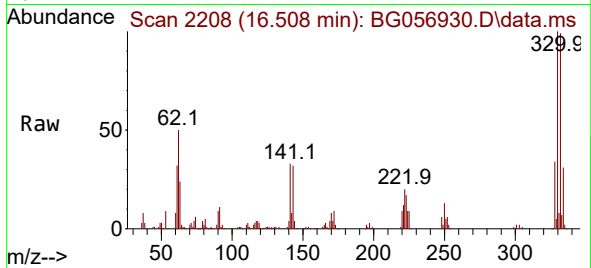




#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

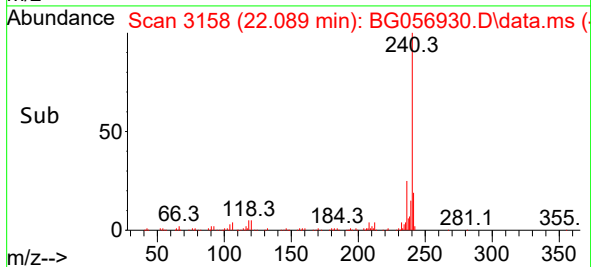
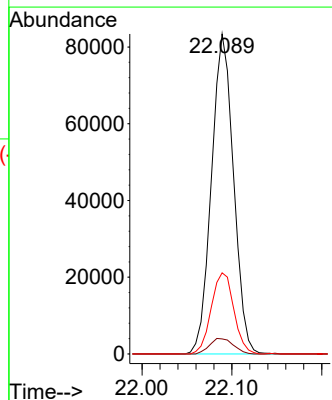
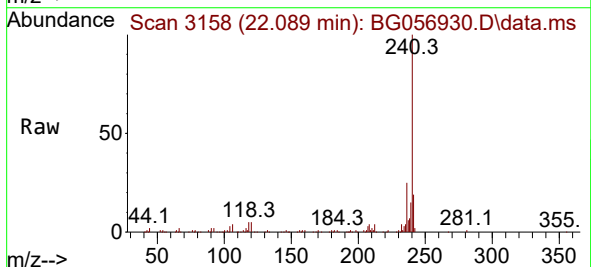
Instrument :
BNA_G
ClientSampleId :
PB151743BL

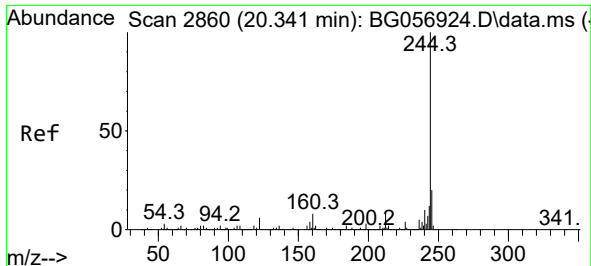
Tgt Ion:248 Resp: 7423
Ion Ratio Lower Upper
248 100
250 195.4 80.5 120.7#
141 508.9 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BG056930.D
Acq: 30 Mar 2023 19:31

Tgt Ion:240 Resp: 142309
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.6
236 25.3 21.0 31.6

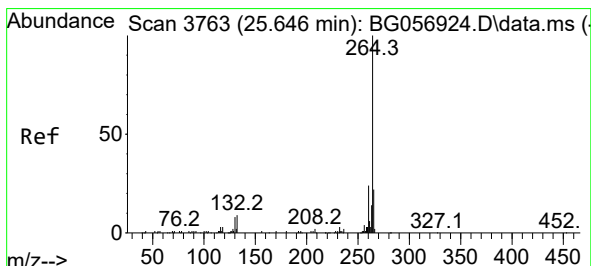
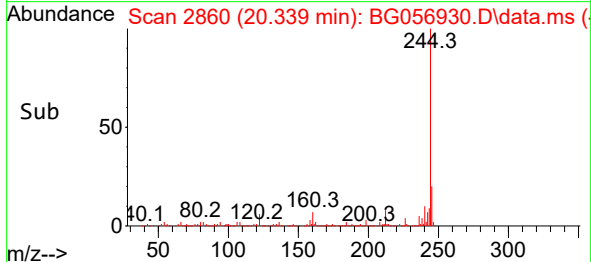
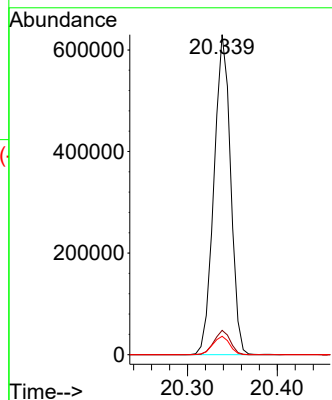
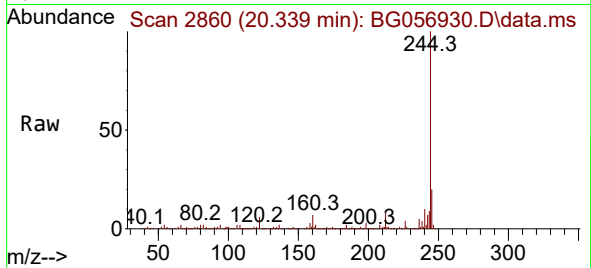




#79
 Terphenyl-d14
 Concen: 96.229 ng
 RT: 20.339 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056930.D
 Acq: 30 Mar 2023 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB151743BL

Tgt Ion:244 Resp: 809274
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.637 min Scan# 3762
 Delta R.T. -0.008 min
 Lab File: BG056930.D
 Acq: 30 Mar 2023 19:31

Tgt Ion:264 Resp: 153092
 Ion Ratio Lower Upper
 264 100
 260 26.2 19.0 28.4
 265 22.2 17.8 26.6

