

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060983.D
 Acq On : 21 Apr 2024 1:50
 Operator : MA/JU
 Sample : PB160393BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160393BL

Quant Time: Apr 22 04:39:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

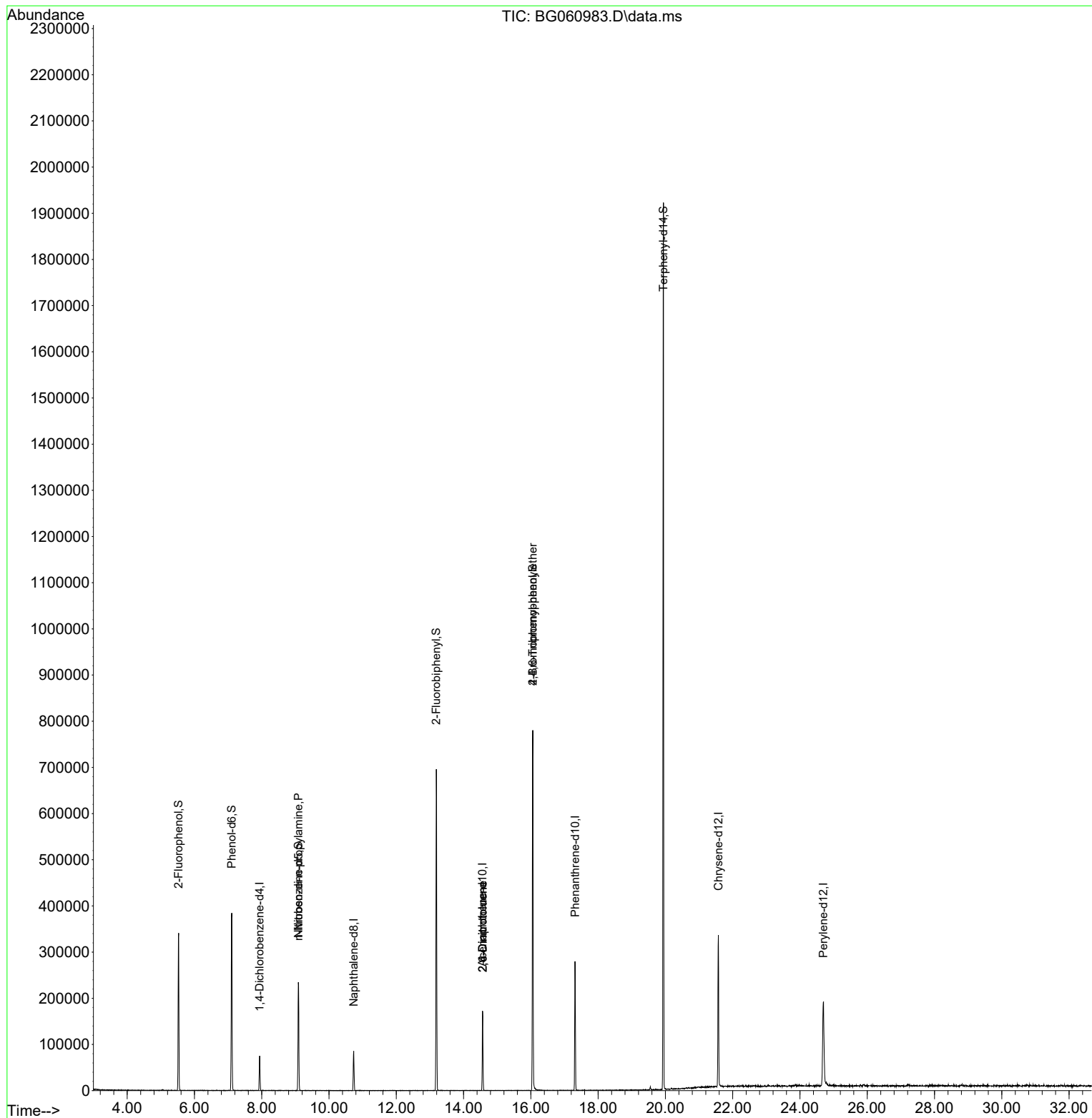
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	18410	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	66136	20.000	ng	# 0.00
39) Acenaphthene-d10	14.564	164	62387	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	184980	20.000	ng	# 0.00
76) Chrysene-d12	21.573	240	198167	20.000	ng	0.00
86) Perylene-d12	24.693	264	228613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	119787	131.613	ng	0.00
7) Phenol-d6	7.108	99	172936	128.062	ng	0.00
23) Nitrobenzene-d5	9.088	82	120272	81.706	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	177614	129.648	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	354913	78.735	ng	0.00
79) Terphenyl-d14	19.940	244	1017882	79.730	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.094	70	17699	17.587	ng	# 66
51) 2,6-Dinitrotoluene	14.570	165	7575	7.057	ng	# 18
57) 2,4-Dinitrotoluene	14.570	165	7575	4.900	ng	# 22
67) 4-Bromophenyl-phenylether	16.056	248	11135	4.561	ng	# 1

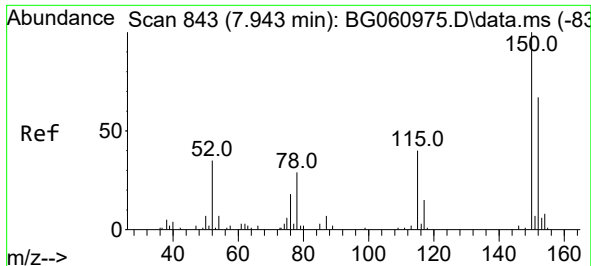
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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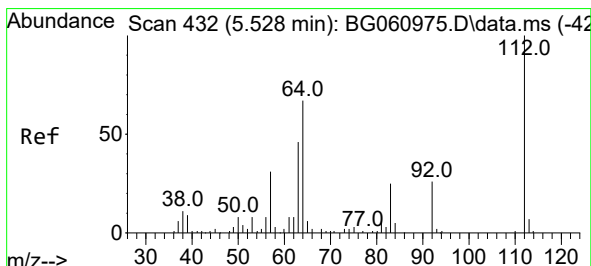
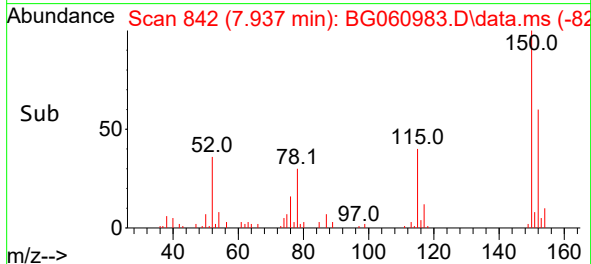
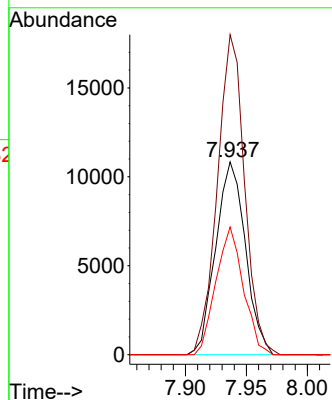
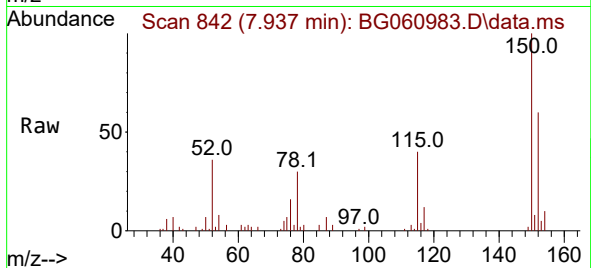




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

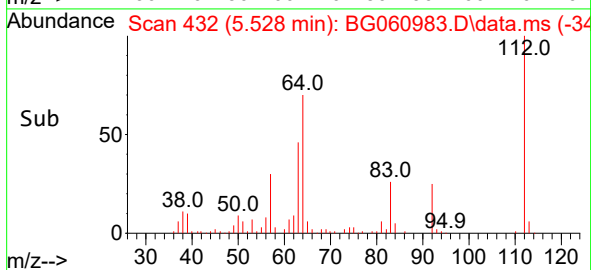
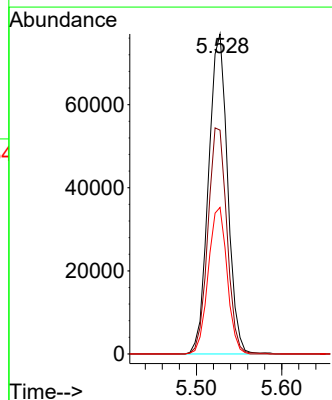
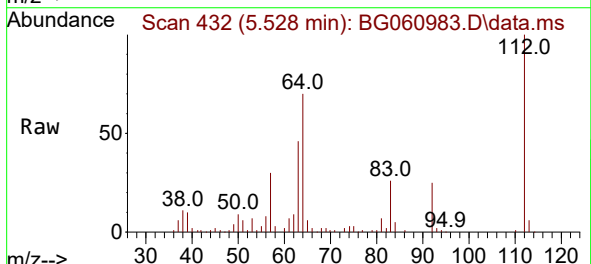
Instrument :
BNA_G
ClientSampleId :
PB160393BL

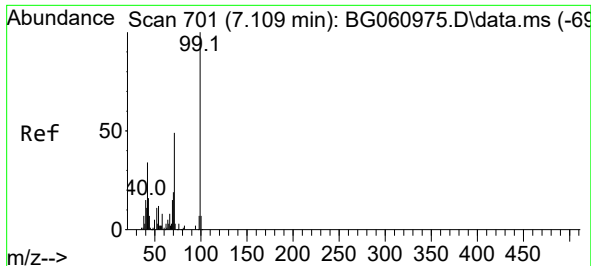
Tgt Ion:152 Resp: 18410
Ion Ratio Lower Upper
152 100
150 166.0 118.6 178.0
115 66.2 47.4 71.0



#5
2-Fluorophenol
Concen: 131.613 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

Tgt Ion:112 Resp: 119787
Ion Ratio Lower Upper
112 100
64 70.0 53.7 80.5
63 45.8 37.0 55.6

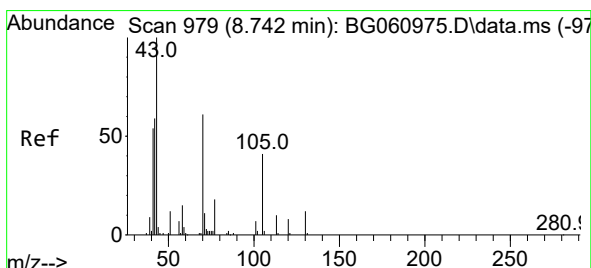
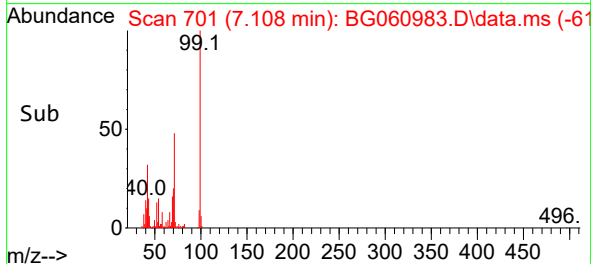
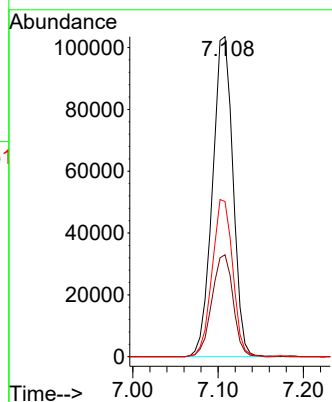
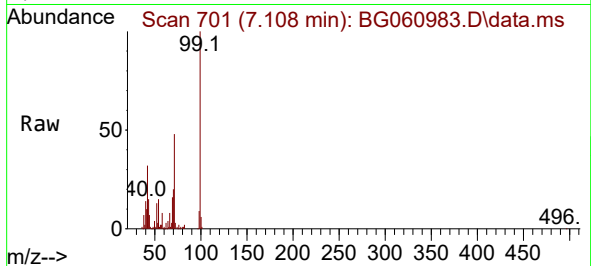




#7
Phenol-d6
Concen: 128.062 ng
RT: 7.108 min Scan# 701
Delta R.T. -0.000 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

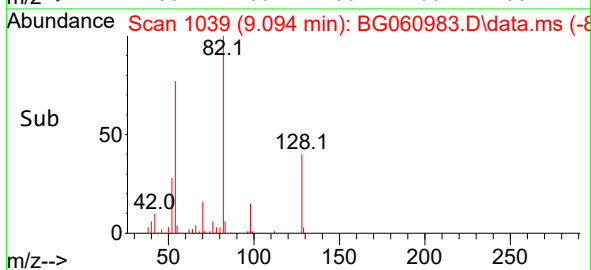
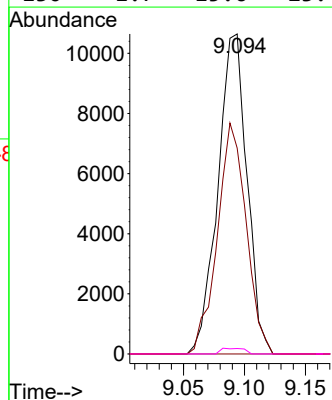
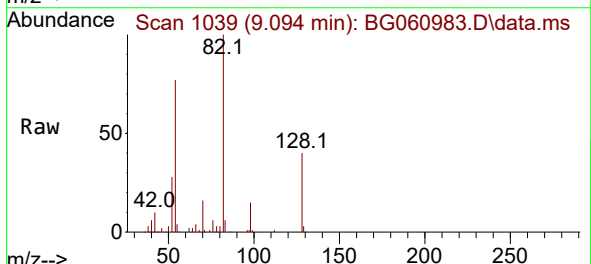
Instrument :
BNA_G
ClientSampleId :
PB160393BL

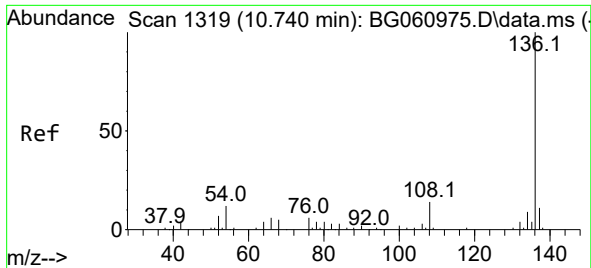
Tgt Ion: 99 Resp: 172936
Ion Ratio Lower Upper
99 100
42 31.9 27.2 40.8
71 48.5 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.587 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.352 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

Tgt Ion: 70 Resp: 17699
Ion Ratio Lower Upper
70 100
42 64.4 78.0 117.0#
101 0.0 8.6 13.0#
130 1.7 15.6 23.4#





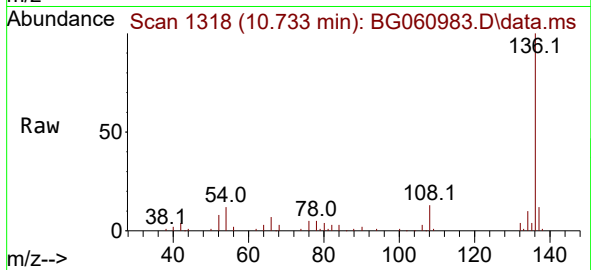
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

Instrument :

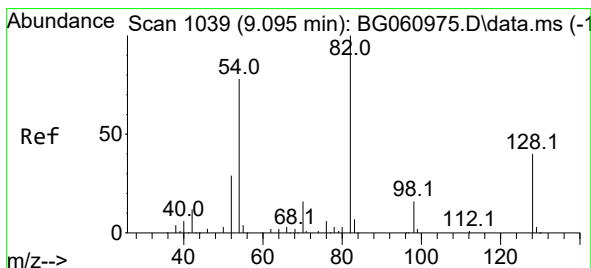
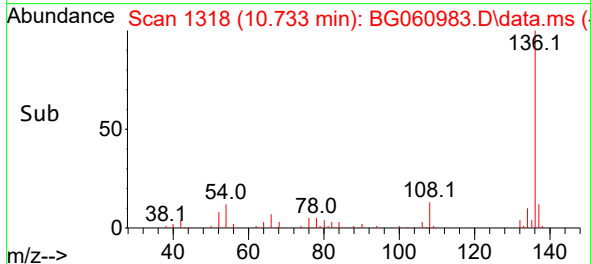
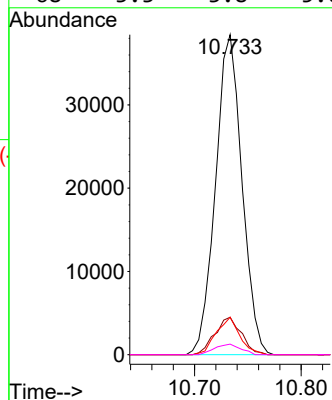
BNA_G

ClientSampleId :

PB160393BL

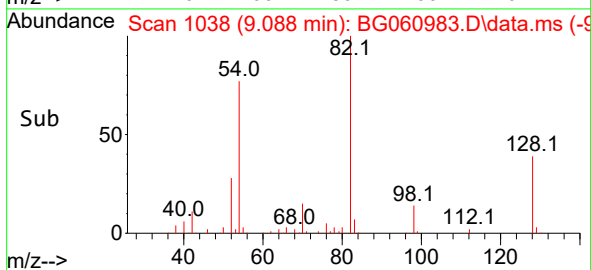
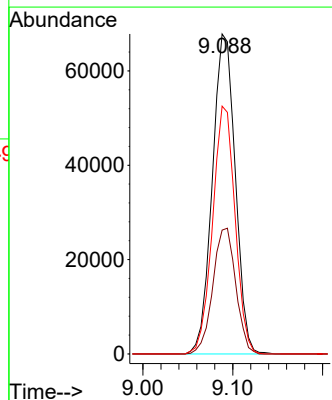
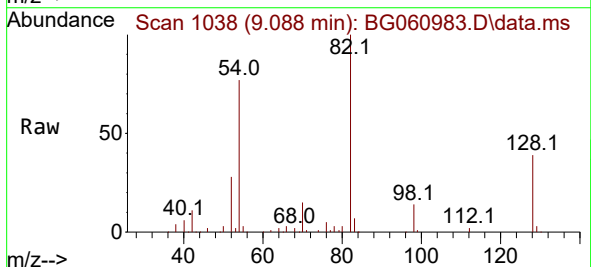


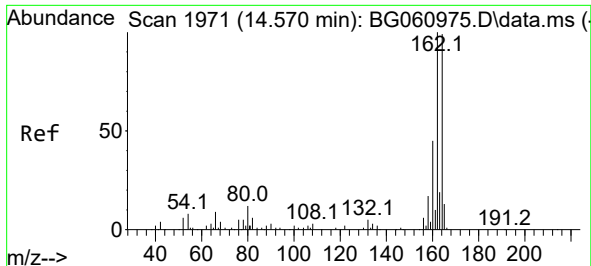
Tgt Ion:136 Resp: 66136
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 11.7 9.4 14.0
68 3.3 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 81.706 ng
RT: 9.088 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

Tgt Ion: 82 Resp: 120272
Ion Ratio Lower Upper
82 100
128 38.7 32.1 48.1
54 77.4 62.3 93.5

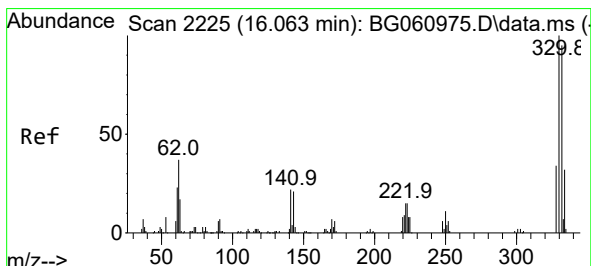
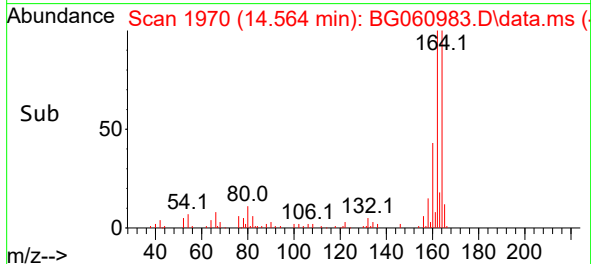
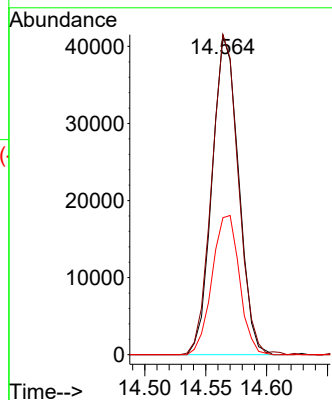
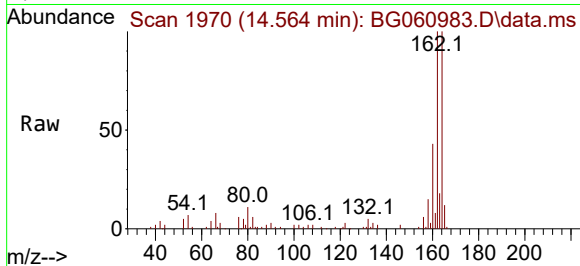




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

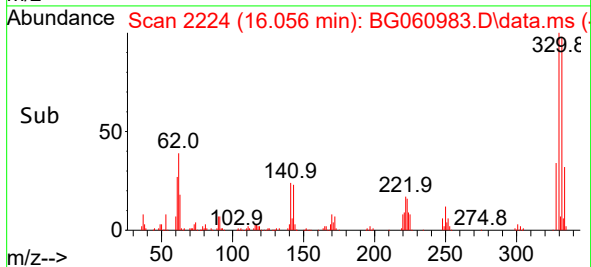
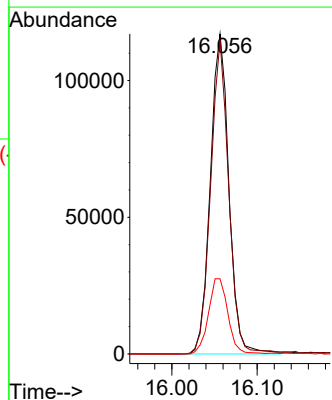
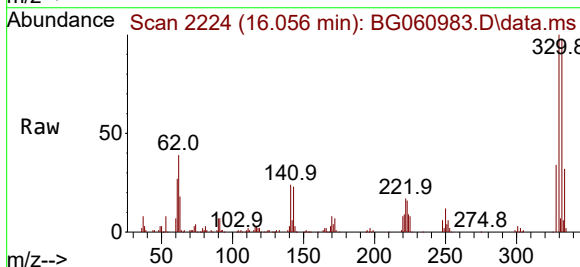
Instrument :
BNA_G
ClientSampleId :
PB160393BL

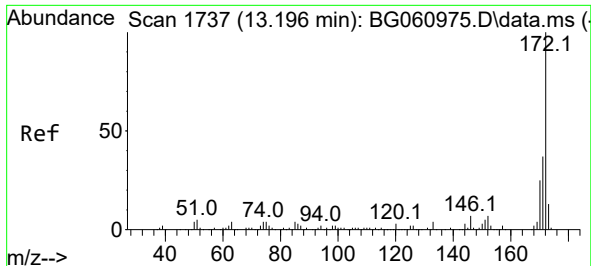
Tgt Ion:164 Resp: 62387
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 42.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 129.648 ng
RT: 16.056 min Scan# 2224
Delta R.T. -0.007 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

Tgt Ion:330 Resp: 177614
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 24.6 20.6 31.0

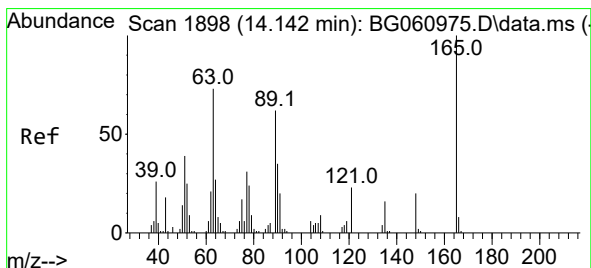
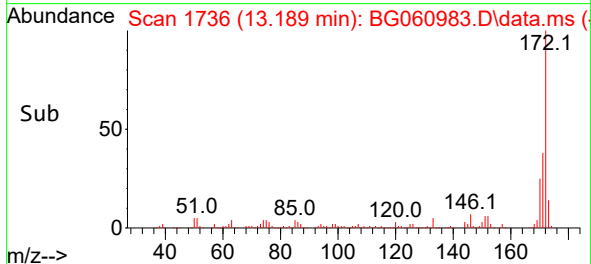
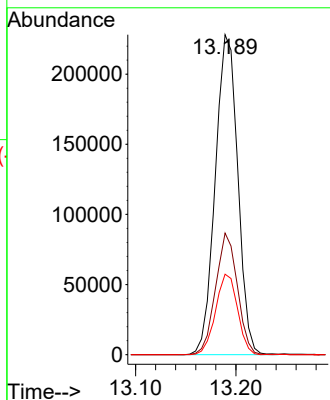
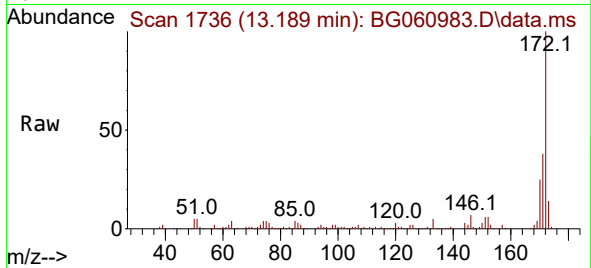




#45
2-Fluorobiphenyl
Concen: 78.735 ng
RT: 13.189 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

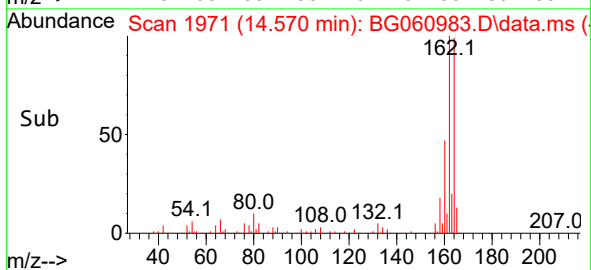
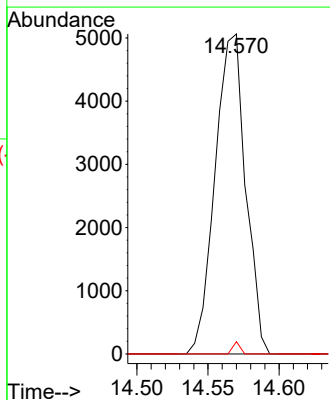
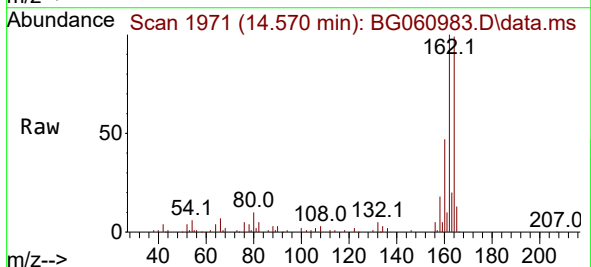
Instrument :
BNA_G
ClientSampleId :
PB160393BL

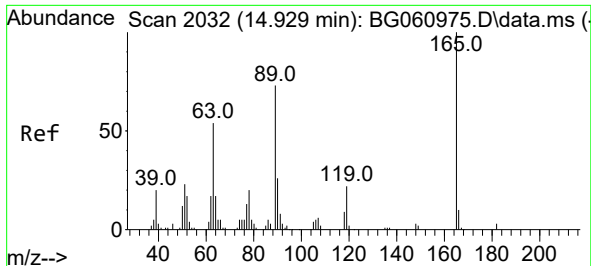
Tgt Ion:172 Resp: 354913
Ion Ratio Lower Upper
172 100
171 38.0 29.3 43.9
170 25.1 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.057 ng
RT: 14.570 min Scan# 1971
Delta R.T. 0.428 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

Tgt Ion:165 Resp: 7575
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 3.8 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 4.900 ng

RT: 14.570 min Scan# 14

Delta R.T. -0.359 min

Lab File: BG060983.D

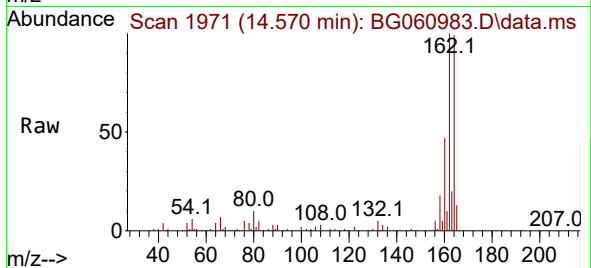
Acq: 21 Apr 2024 1:50

Instrument :

BNA_G

ClientSampleId :

PB160393BL



Tgt Ion:165 Resp: 7575

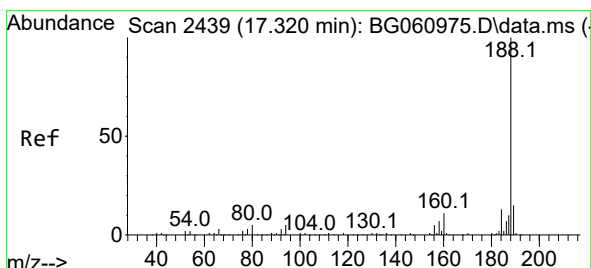
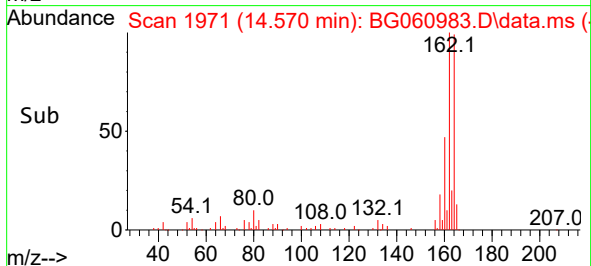
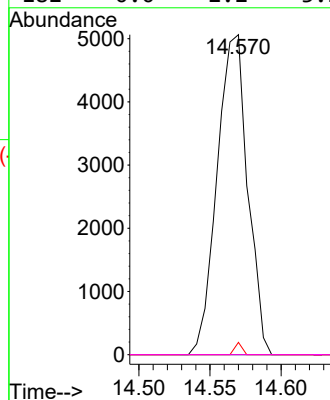
Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

89 3.8 58.4 87.6#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG060983.D

Acq: 21 Apr 2024 1:50

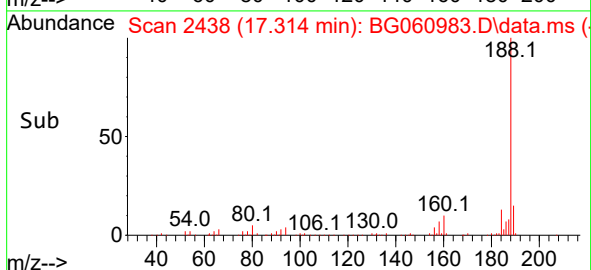
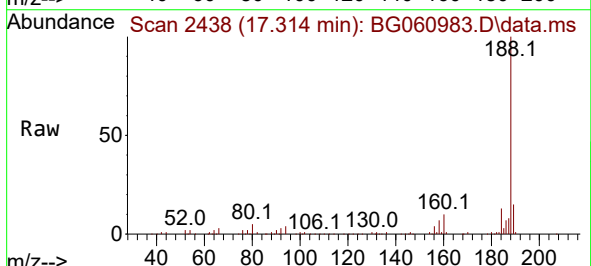
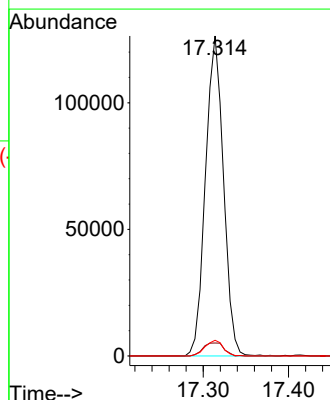
Tgt Ion:188 Resp: 184980

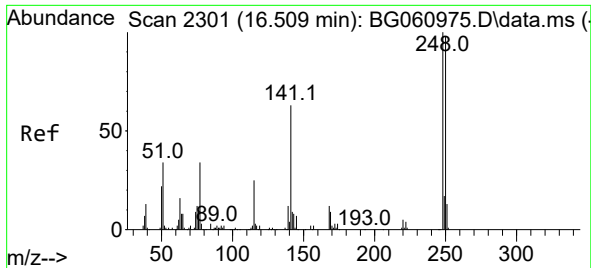
Ion Ratio Lower Upper

188 100

94 4.1 4.1 6.1#

80 4.9 4.0 6.0

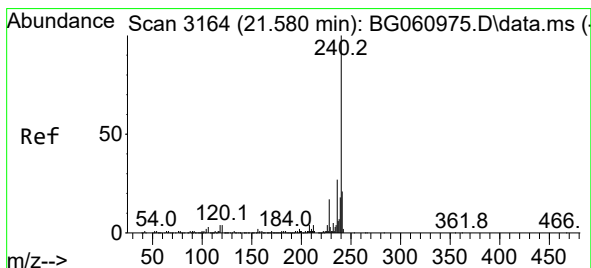
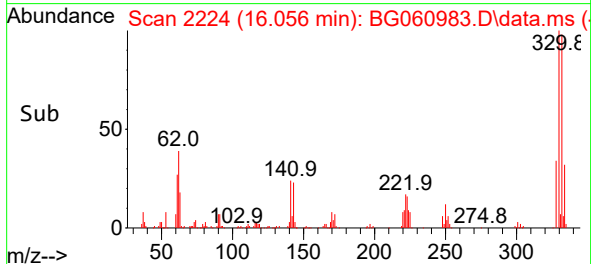
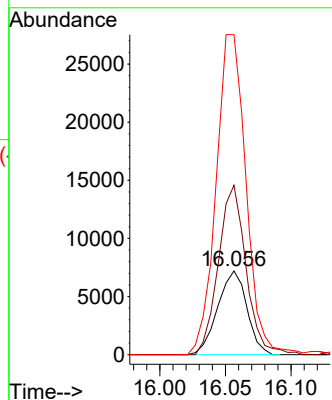
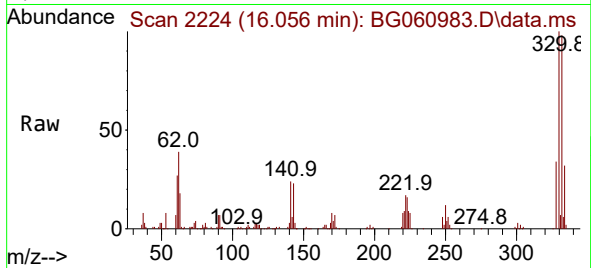




#67
4-Bromophenyl-phenylether
Concen: 4.561 ng
RT: 16.056 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

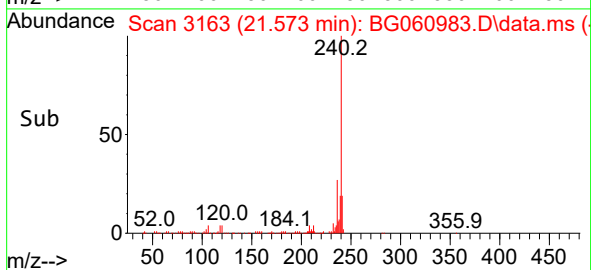
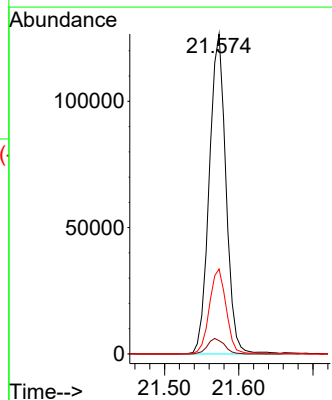
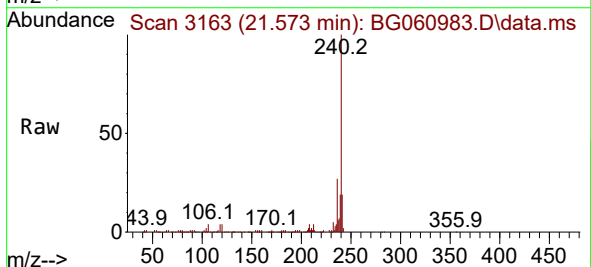
Instrument :
BNA_G
ClientSampleId :
PB160393BL

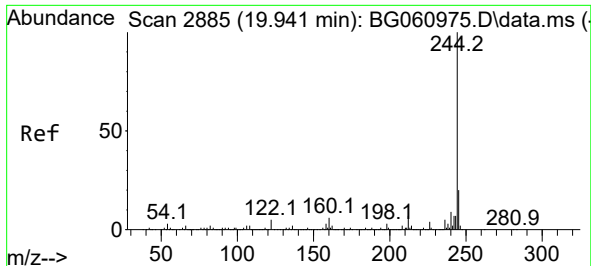
Tgt Ion:248 Resp: 11135
Ion Ratio Lower Upper
248 100
250 202.5 78.7 118.1#
141 382.6 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG060983.D
Acq: 21 Apr 2024 1:50

Tgt Ion:240 Resp: 198167
Ion Ratio Lower Upper
240 100
120 4.1 3.0 4.6
236 26.6 21.8 32.6

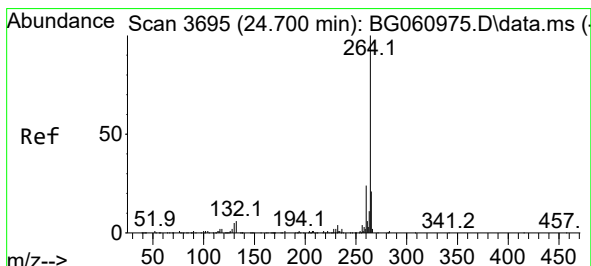
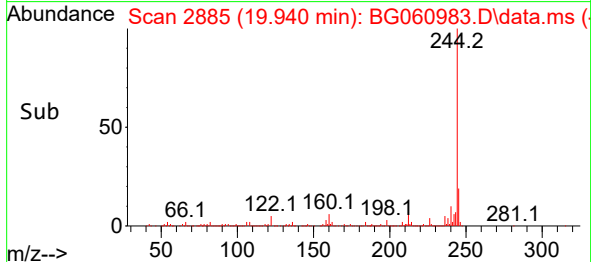
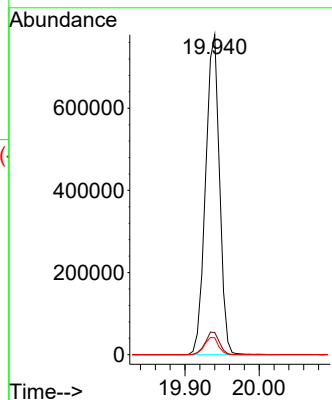
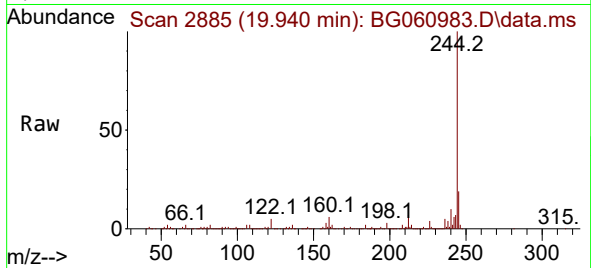




#79
 Terphenyl-d14
 Concen: 79.730 ng
 RT: 19.940 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG060983.D
 Acq: 21 Apr 2024 1:50

Instrument :
 BNA_G
 ClientSampleId :
 PB160393BL

Tgt Ion:244 Resp: 1017882
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 5.3 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.693 min Scan# 3694
 Delta R.T. -0.006 min
 Lab File: BG060983.D
 Acq: 21 Apr 2024 1:50

Tgt Ion:264 Resp: 228613
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 20.5 17.0 25.4

