

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060893.D
 Acq On : 13 Apr 2024 14:28
 Operator : MA/JU
 Sample : PB160203BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160203BL

Quant Time: Apr 15 01:17:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

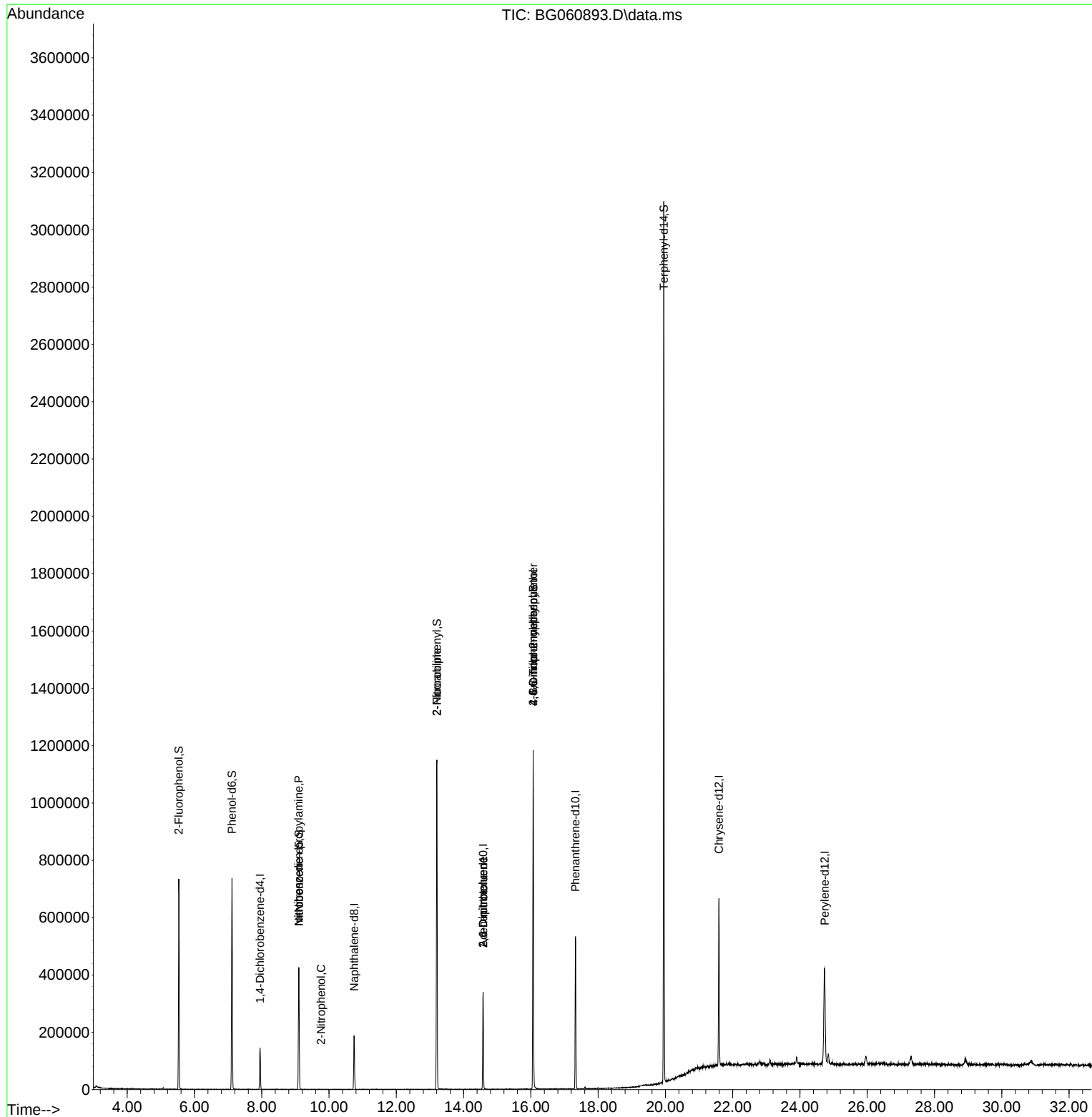
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	38862	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	149499	20.000	ng	-0.01
39) Acenaphthene-d10	14.581	164	121384	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	344596	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	356213	20.000	ng	-0.01
86) Perylene-d12	24.734	264	406238	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	272629	116.867	ng	0.00
7) Phenol-d6	7.113	99	367024	105.991	ng	0.00
23) Nitrobenzene-d5	9.105	82	233131	88.983	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	242517	176.004	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	619739	74.931	ng	-0.01
79) Terphenyl-d14	19.951	244	1585630	78.381	ng	-0.01
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	9.099	70	32620	12.353	ng	# 72
24) Nitrobenzene	9.105	77	744	3.013	ng	# 42
26) 2-Nitrophenol	9.763	139	70	3.035	ng	# 31
48) 2-Nitroaniline	13.206	65	1132	3.357	ng	# 1
51) 2,6-Dinitrotoluene	14.581	165	15167	11.680	ng	# 18
57) 2,4-Dinitrotoluene	14.581	165	15167	9.843	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.067	198	698	7.453	ng	# 1
67) 4-Bromophenyl-phenylether	16.067	248	15657	4.477	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
Data File : BG060893.D
Acq On : 13 Apr 2024 14:28
Operator : MA/JU
Sample : PB160203BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160203BL

Quant Time: Apr 15 01:17:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

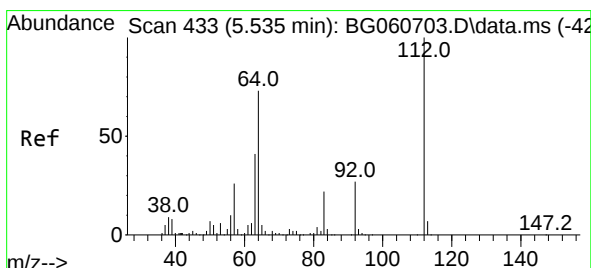
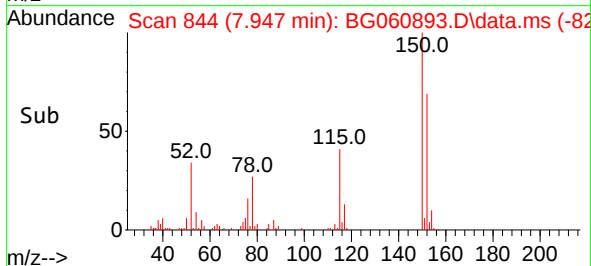
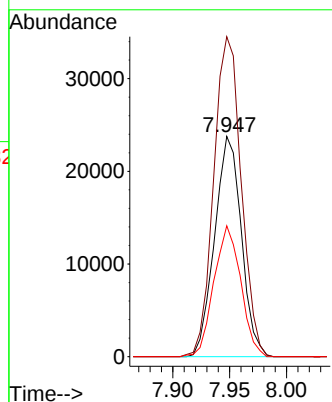
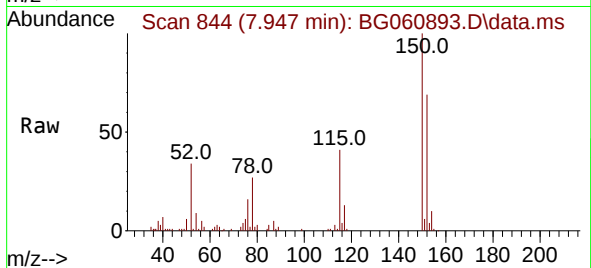




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 846
Delta R.T. -0.014 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

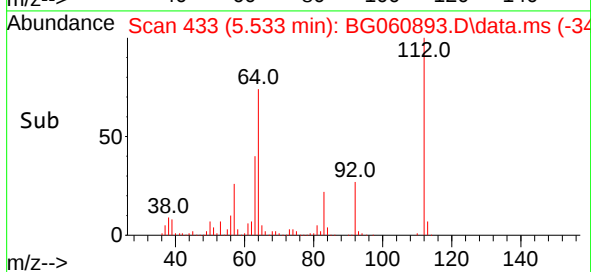
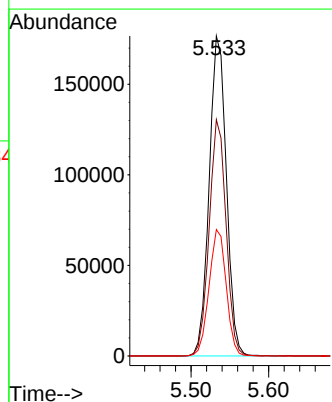
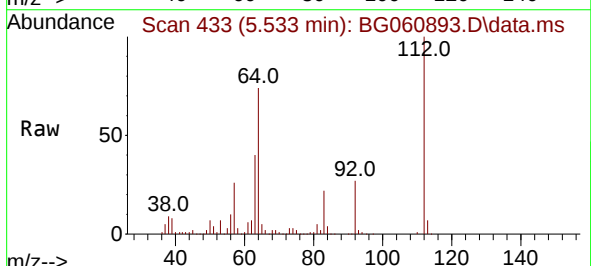
Instrument :
BNA_G
ClientSampleId :
PB160203BL

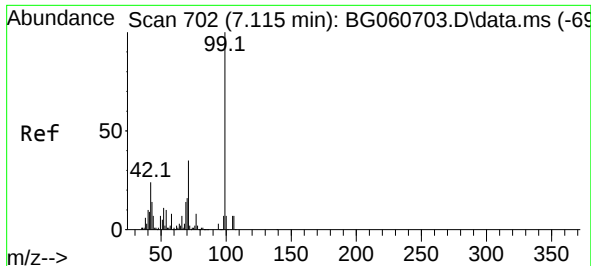
Tgt Ion:152 Resp: 38862
Ion Ratio Lower Upper
152 100
150 145.3 130.2 195.4
115 59.4 51.6 77.4



#5
2-Fluorophenol
Concen: 116.867 ng
RT: 5.533 min Scan# 433
Delta R.T. -0.002 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

Tgt Ion:112 Resp: 272629
Ion Ratio Lower Upper
112 100
64 73.8 58.4 87.6
63 39.5 32.7 49.1

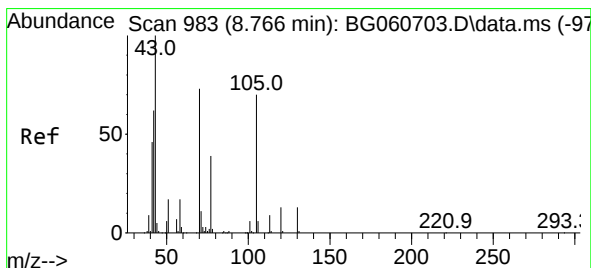
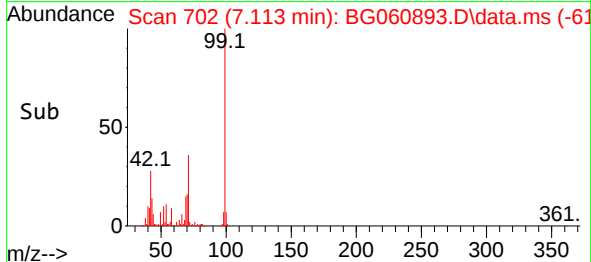
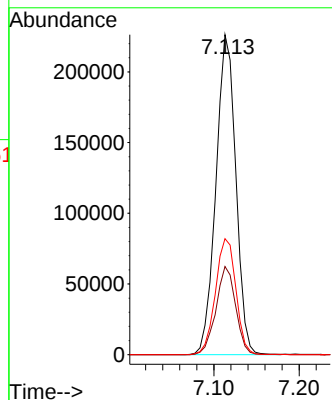
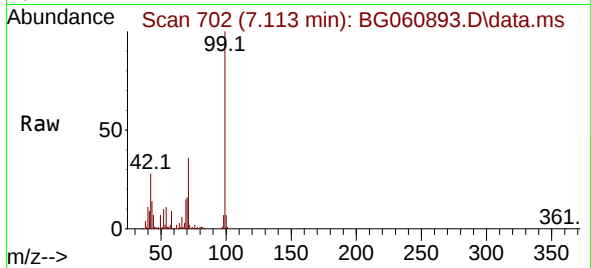




#7
Phenol-d6
Concen: 105.991 ng
RT: 7.113 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

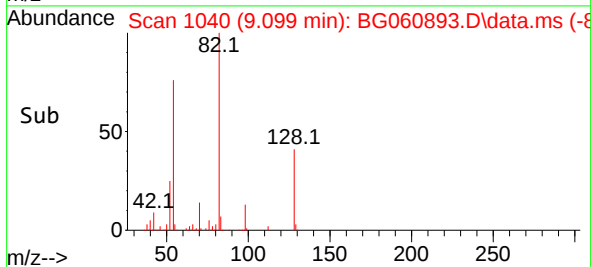
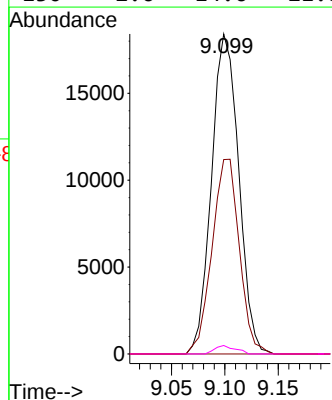
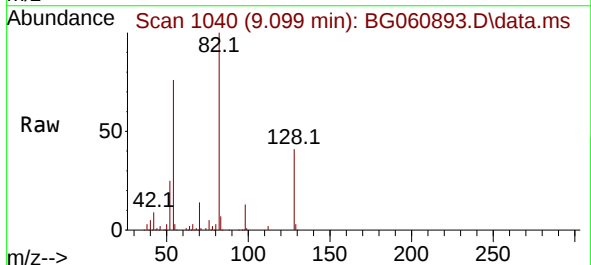
Instrument :
BNA_G
ClientSampleId :
PB160203BL

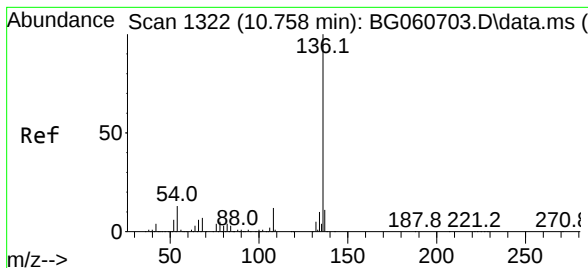
Tgt Ion: 99 Resp: 367024
Ion Ratio Lower Upper
99 100
42 27.5 19.4 29.2
71 36.2 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.353 ng
RT: 9.099 min Scan# 1040
Delta R.T. 0.333 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

Tgt Ion: 70 Resp: 32620
Ion Ratio Lower Upper
70 100
42 60.7 68.4 102.6#
101 0.0 6.1 9.1#
130 2.6 14.6 21.8#

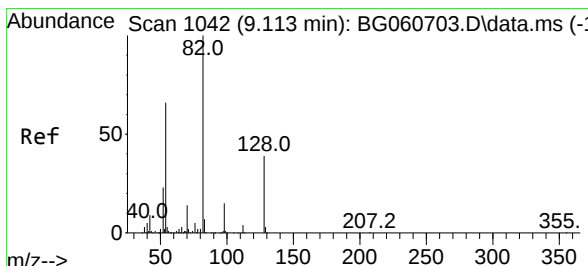
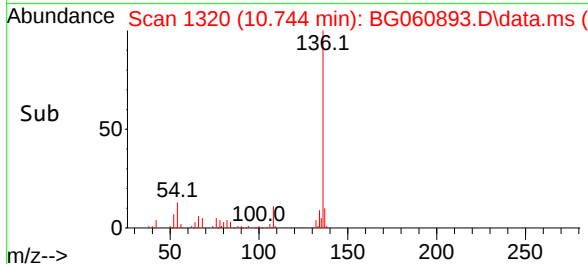
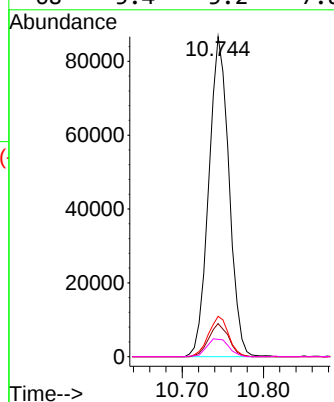
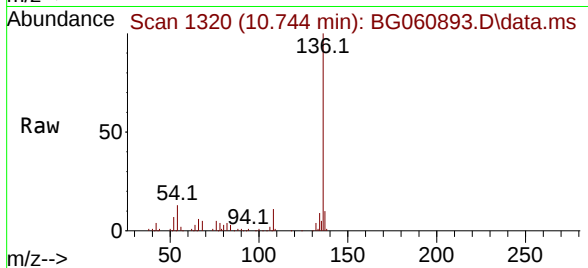




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

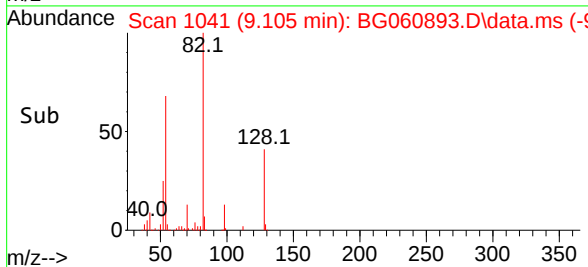
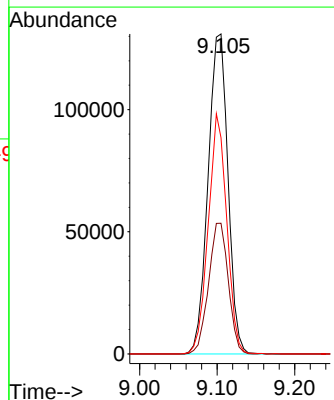
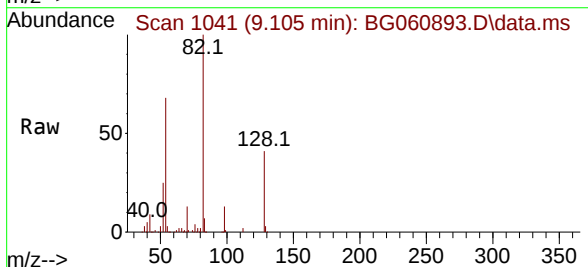
Instrument :
BNA_G
ClientSampleId :
PB160203BL

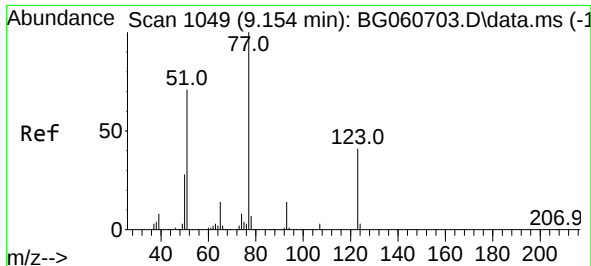
Tgt Ion:	136	Resp:	149499
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	12.6	10.2	15.2
68	5.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 88.983 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

Tgt Ion:	82	Resp:	233131
Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.2	46.8
54	67.6	53.2	79.8

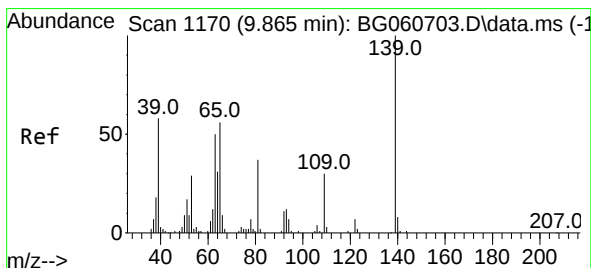
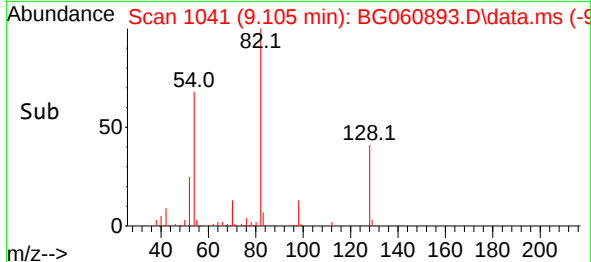
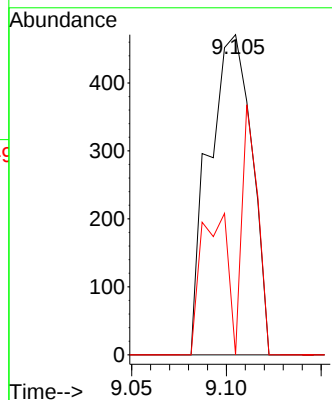
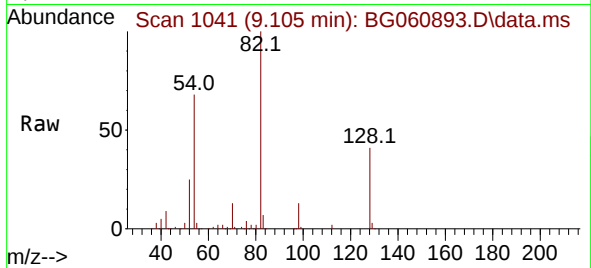




#24
Nitrobenzene
Concen: 3.013 ng
RT: 9.105 min Scan# 1105
Delta R.T. -0.049 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

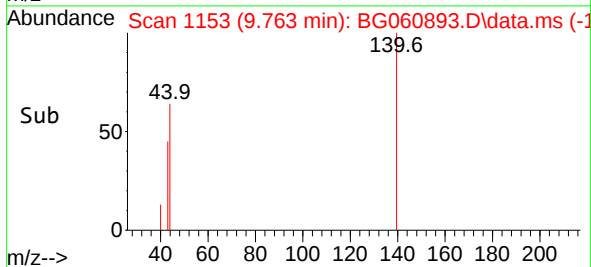
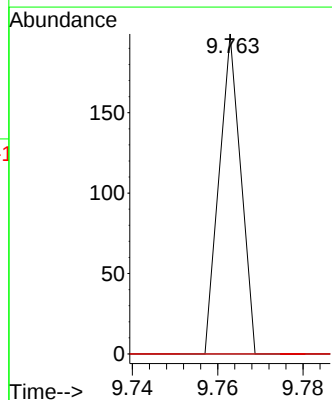
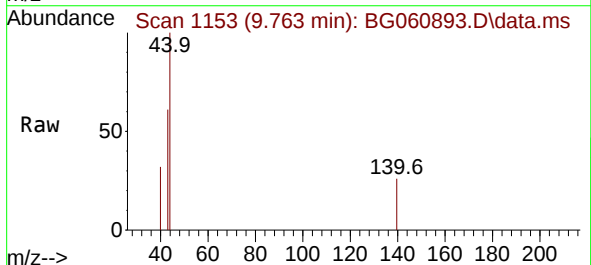
Instrument :
BNA_G
ClientSampleId :
PB160203BL

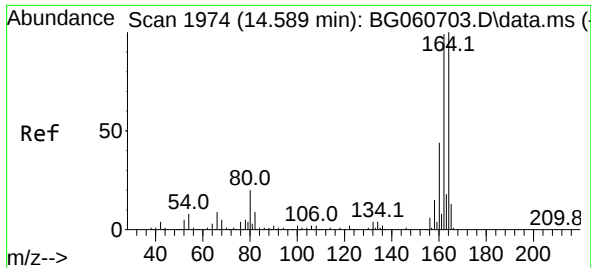
Tgt Ion: 77 Resp: 744
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.035 ng
RT: 9.763 min Scan# 1153
Delta R.T. -0.102 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

Tgt Ion: 139 Resp: 70
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

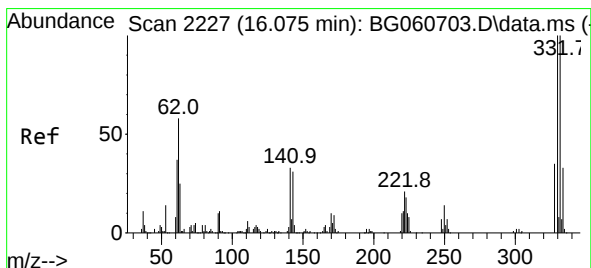
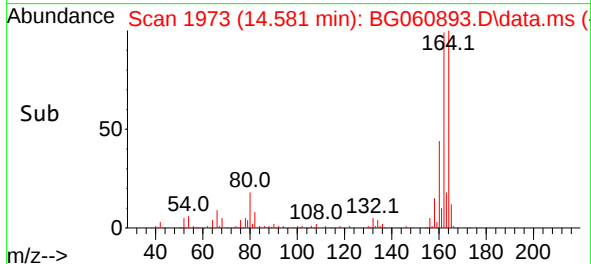
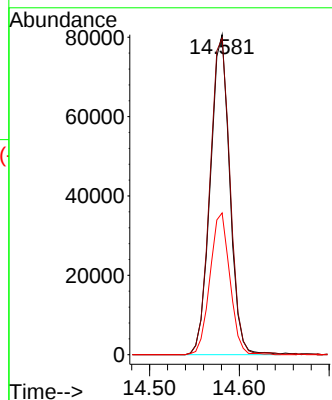
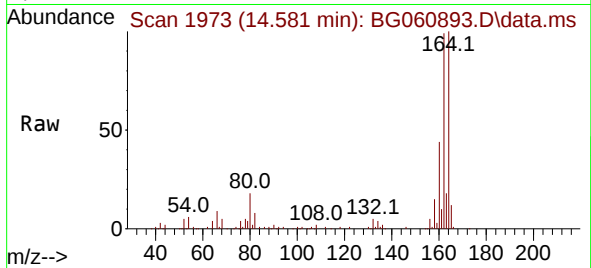




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

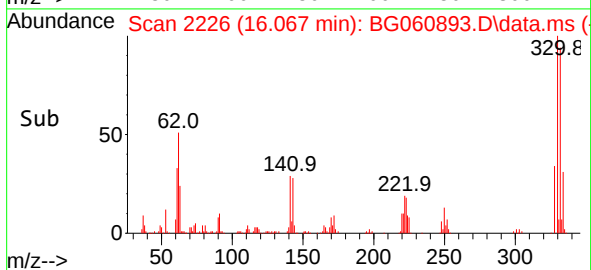
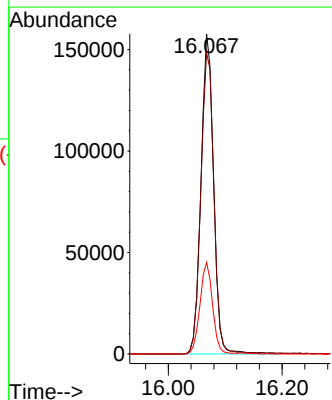
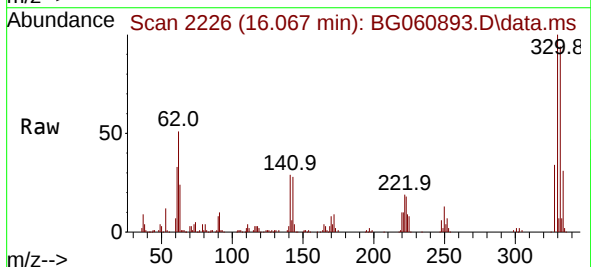
Instrument :
BNA_G
ClientSampleId :
PB160203BL

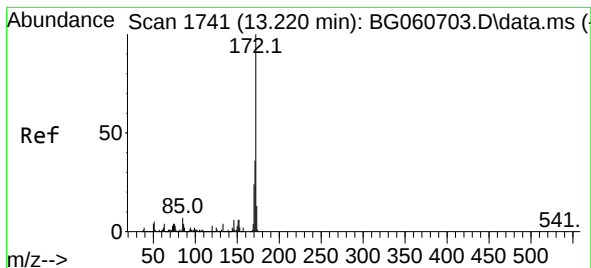
Tgt Ion:164 Resp: 121384
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 176.004 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.008 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

Tgt Ion:330 Resp: 242517
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 28.6 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 74.931 ng

RT: 13.206 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG060893.D

Acq: 13 Apr 2024 14:28

Instrument :

BNA_G

ClientSampleId :

PB160203BL

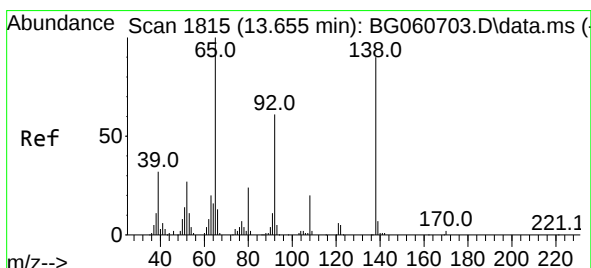
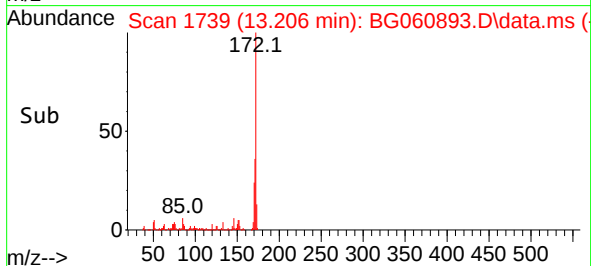
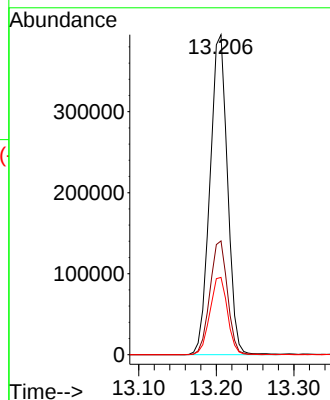
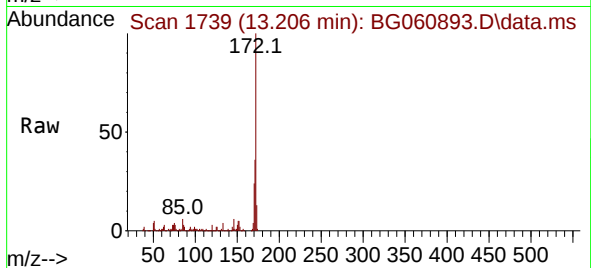
Tgt Ion:172 Resp: 619739

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 24.1 19.4 29.0



#48

2-Nitroaniline

Concen: 3.357 ng

RT: 13.206 min Scan# 1739

Delta R.T. -0.449 min

Lab File: BG060893.D

Acq: 13 Apr 2024 14:28

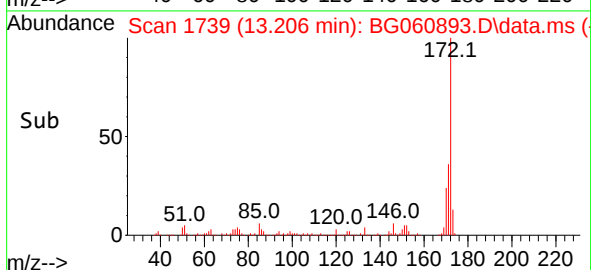
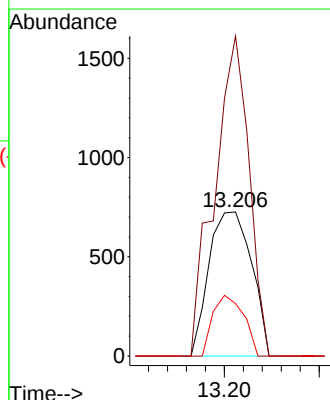
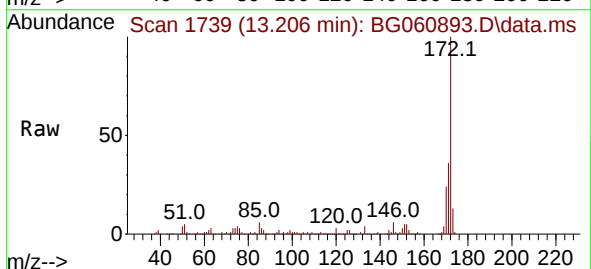
Tgt Ion: 65 Resp: 1132

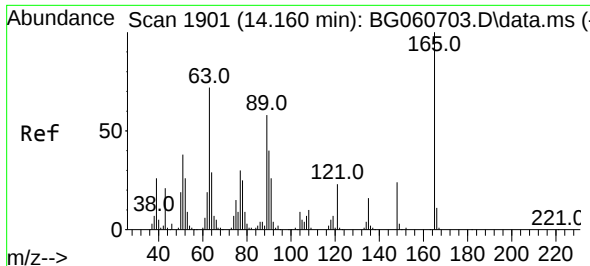
Ion Ratio Lower Upper

65 100

92 222.2 48.6 72.8#

138 36.4 72.2 108.4#

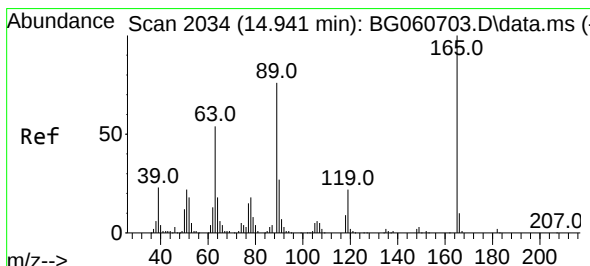
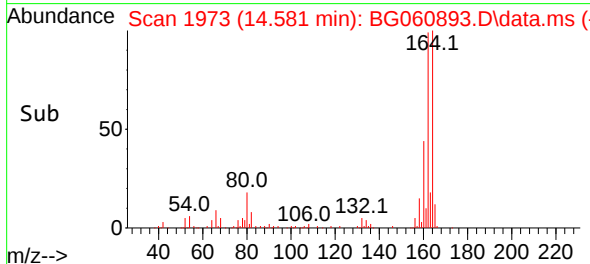
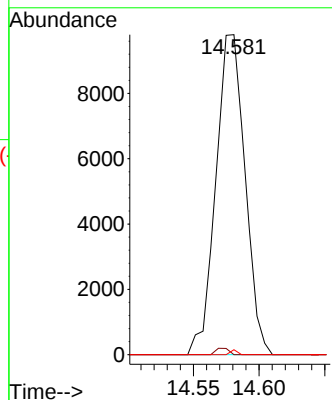
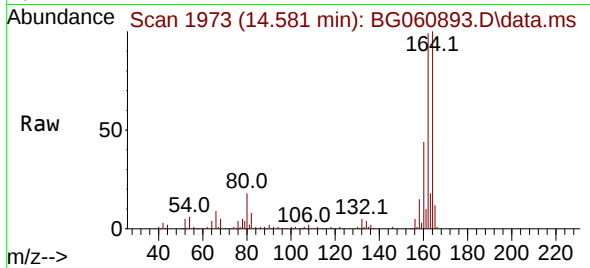




#51
2,6-Dinitrotoluene
Concen: 11.680 ng
RT: 14.581 min Scan# 1901
Delta R.T. 0.421 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

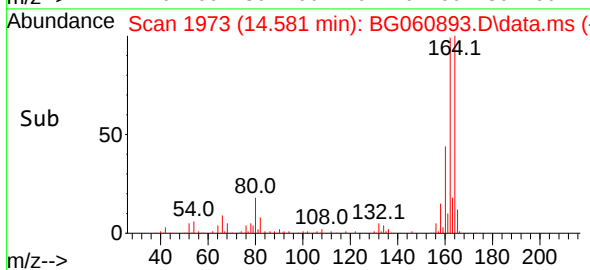
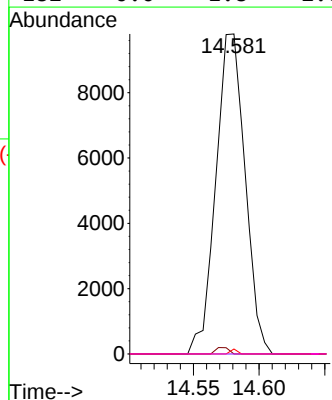
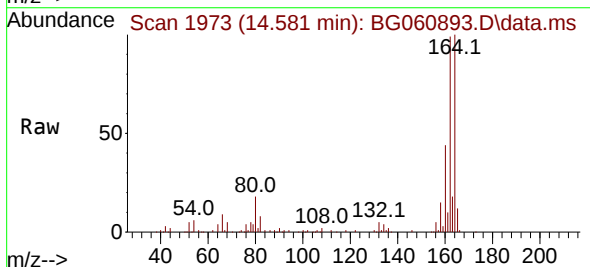
Instrument :
BNA_G
ClientSampleId :
PB160203BL

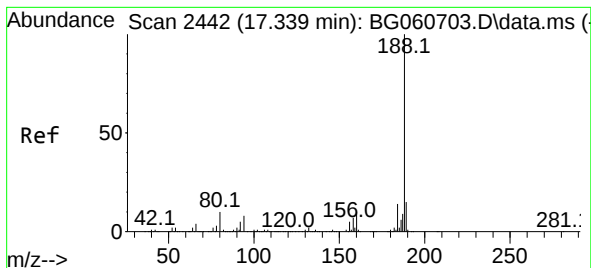
Tgt Ion:165 Resp: 15167
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 1.5 46.1 69.1#



#57
2,4-Dinitrotoluene
Concen: 9.843 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.360 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

Tgt Ion:165 Resp: 15167
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.5 61.0 91.6#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 2442

Delta R.T. -0.014 min

Lab File: BG060893.D

Acq: 13 Apr 2024 14:28

Instrument :

BNA_G

ClientSampleId :

PB160203BL

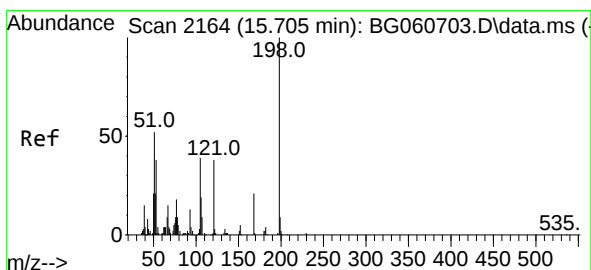
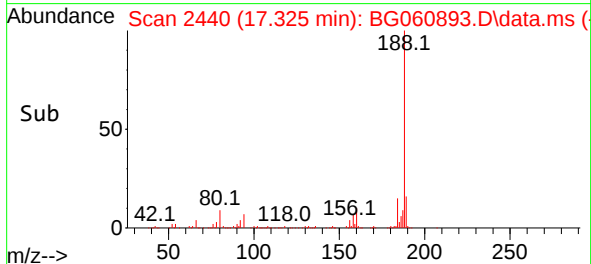
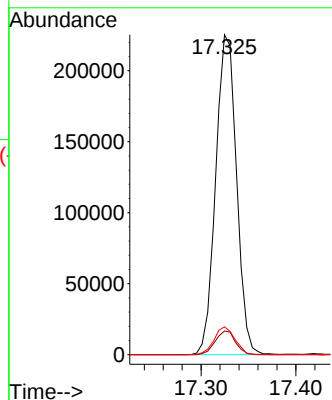
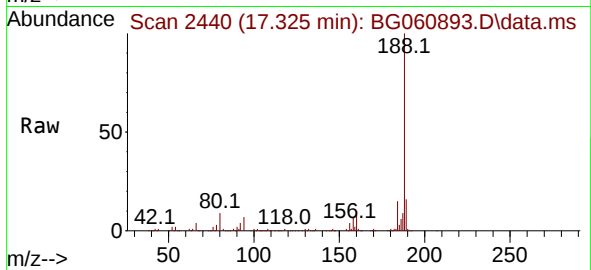
Tgt Ion:188 Resp: 344596

Ion Ratio Lower Upper

188 100

94 7.4 6.6 9.8

80 8.7 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 7.453 ng

RT: 16.067 min Scan# 2226

Delta R.T. 0.362 min

Lab File: BG060893.D

Acq: 13 Apr 2024 14:28

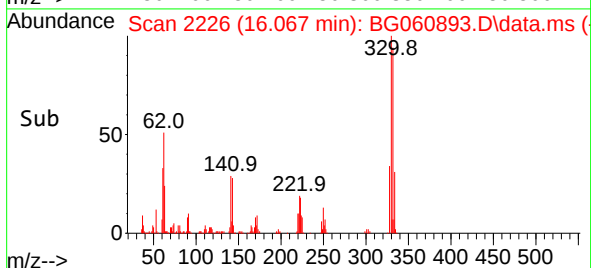
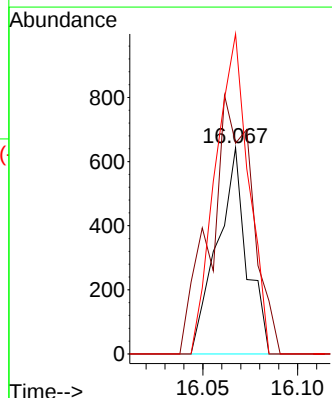
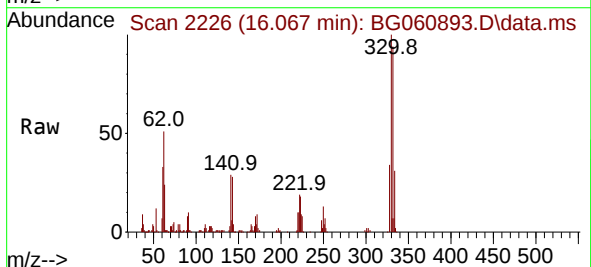
Tgt Ion:198 Resp: 698

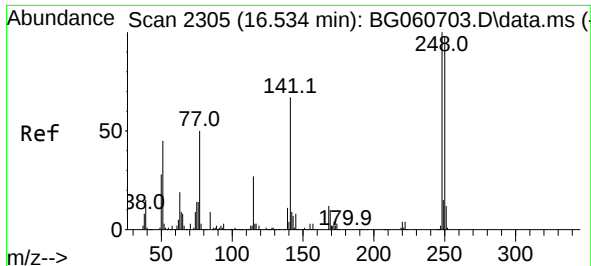
Ion Ratio Lower Upper

198 100

51 102.2 36.7 76.7#

105 155.2 19.1 59.1#

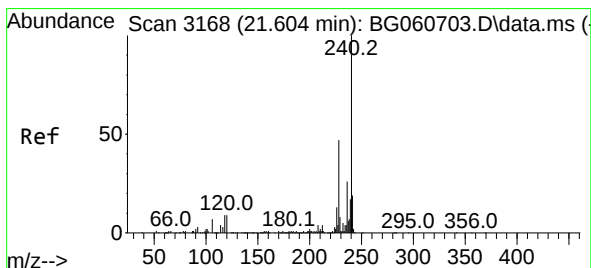
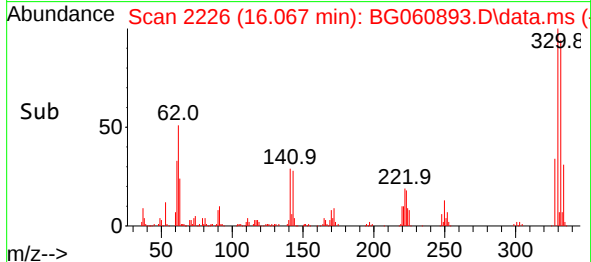
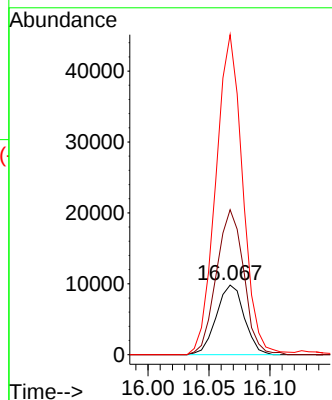
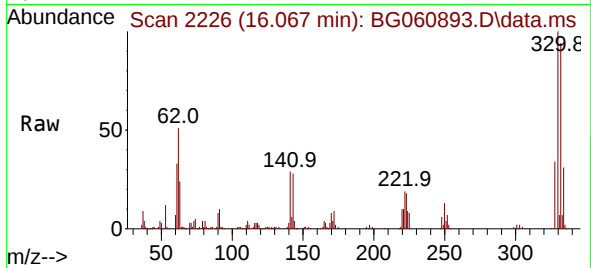




#67
4-Bromophenyl-phenylether
Concen: 4.477 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.467 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

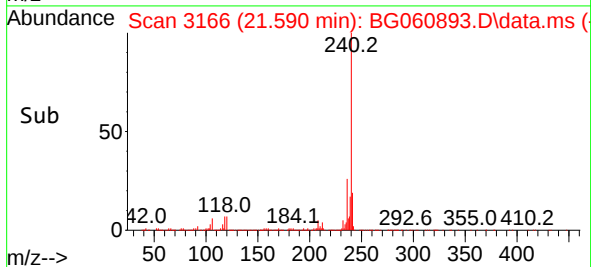
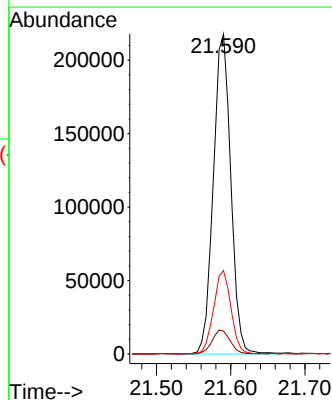
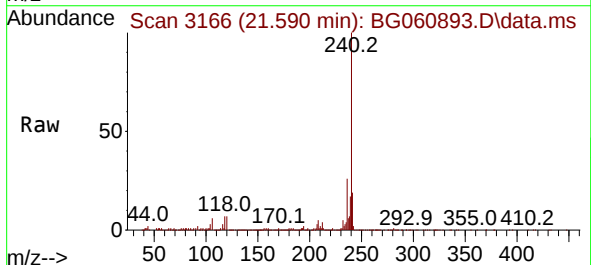
Instrument :
BNA_G
ClientSampleId :
PB160203BL

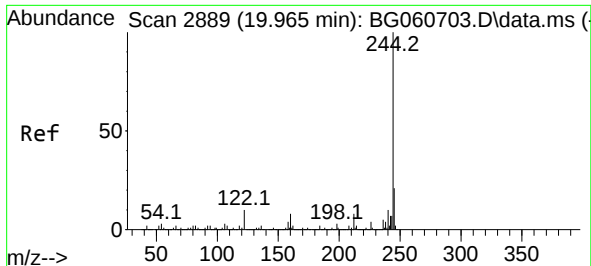
Tgt Ion:248 Resp: 15657
Ion Ratio Lower Upper
248 100
250 208.0 78.3 117.5#
141 459.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060893.D
Acq: 13 Apr 2024 14:28

Tgt Ion:240 Resp: 356213
Ion Ratio Lower Upper
240 100
120 7.1 7.1 10.7
236 26.1 20.7 31.1

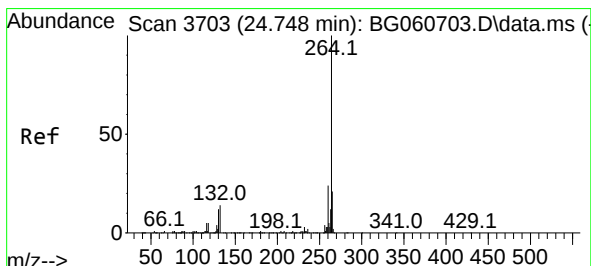
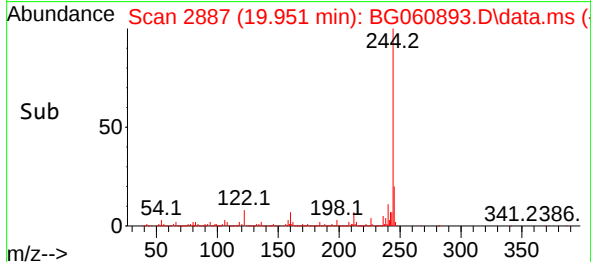
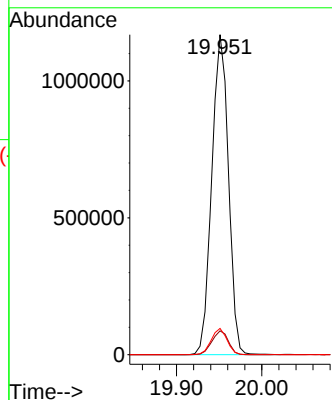
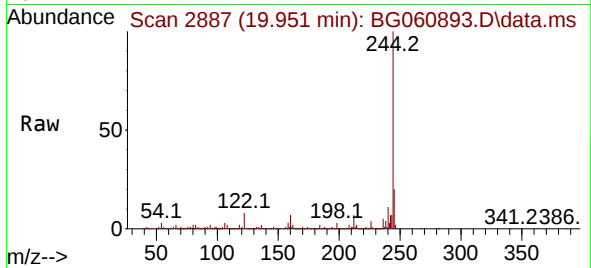




#79
 Terphenyl-d14
 Concen: 78.381 ng
 RT: 19.951 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG060893.D
 Acq: 13 Apr 2024 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB160203BL

Tgt Ion:244 Resp: 1585630
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.734 min Scan# 3701
 Delta R.T. -0.014 min
 Lab File: BG060893.D
 Acq: 13 Apr 2024 14:28

Tgt Ion:264 Resp: 406238
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.7 16.9 25.3

