

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060812.D
 Acq On : 6 Apr 2024 15:33
 Operator : MA/JU
 Sample : P1996-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 02:07:17 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)

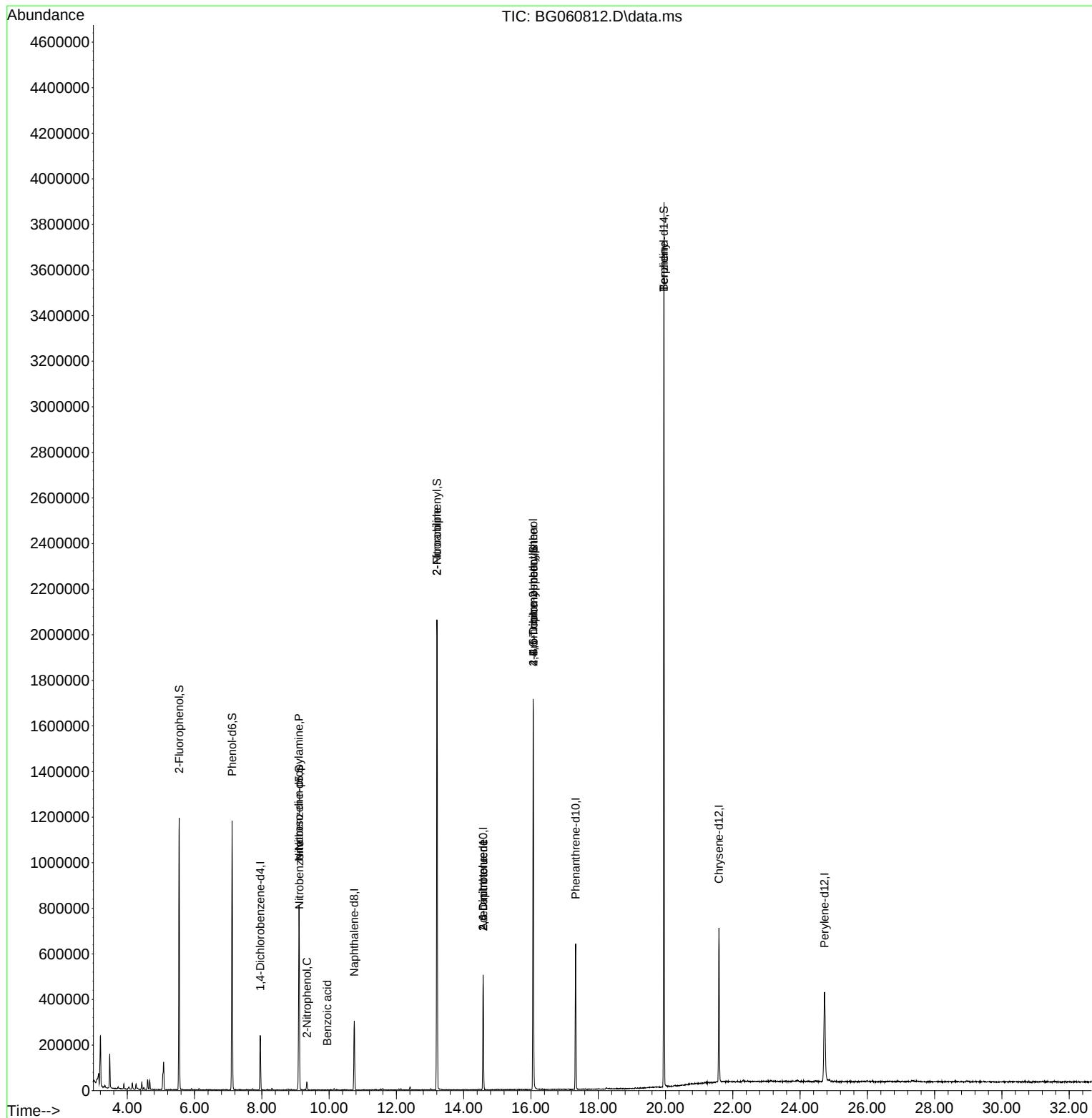
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	64055	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	243539	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	179675	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	409568	20.000	ng	0.00
76) Chrysene-d12	21.589	240	398899	20.000	ng	-0.02
86) Perylene-d12	24.726	264	464038	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	460812	119.844	ng	0.00
7) Phenol-d6	7.117	99	590412	103.443	ng	0.00
23) Nitrobenzene-d5	9.109	82	455823	106.800	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	358957	175.994	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1096719	89.583	ng	-0.02
79) Terphenyl-d14	19.955	244	1933536	85.351	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.103	70	63343	14.553	ng	# 74
24) Nitrobenzene	9.115	77	1716	3.113	ng	# 29
26) 2-Nitrophenol	9.344	139	251	3.125	ng	# 31
32) Benzoic acid	9.949	122	380	6.960	ng	# 1
48) 2-Nitroaniline	13.204	65	2124	3.508	ng	# 1
51) 2,6-Dinitrotoluene	14.579	165	23801	12.173	ng	# 18
57) 2,4-Dinitrotoluene	14.579	165	23801	10.237	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.066	198	1017	7.547	ng	# 1
67) 4-Bromophenyl-phenylether	16.072	248	24869	5.983	ng	# 1
77) Benzidine	19.955	184	28954	2.757	ng	# 90

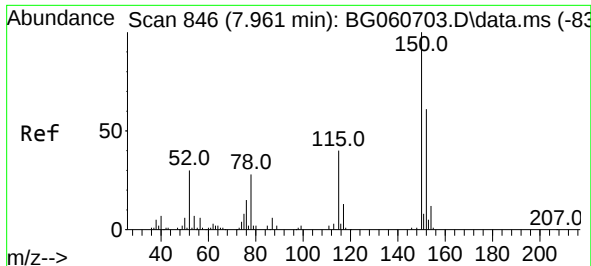
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
Data File : BG060812.D
Acq On : 6 Apr 2024 15:33
Operator : MA/JU
Sample : P1996-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

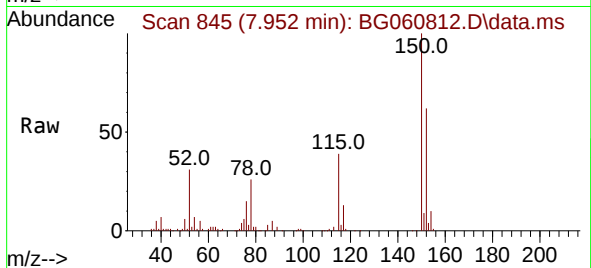
Quant Time: Apr 08 02:07:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration



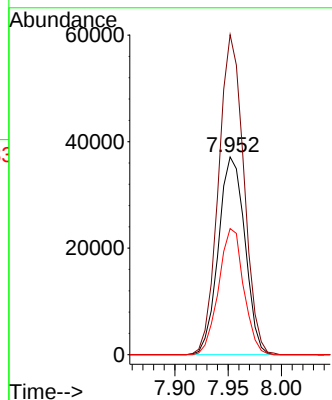
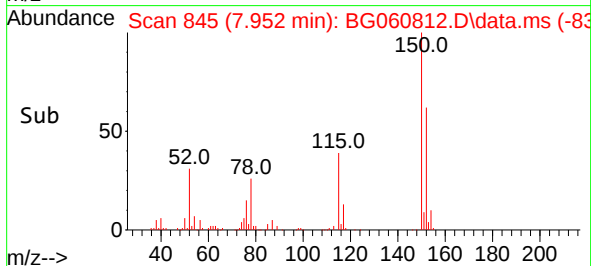


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Instrument :
BNA_G
ClientSampleId :

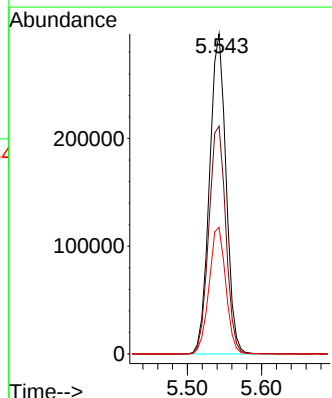
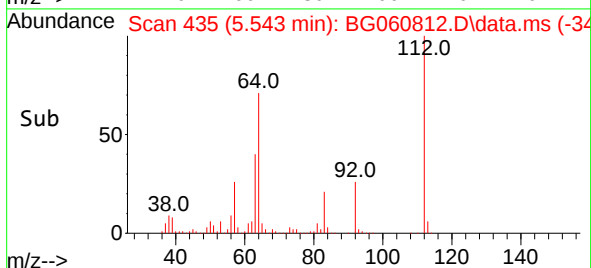
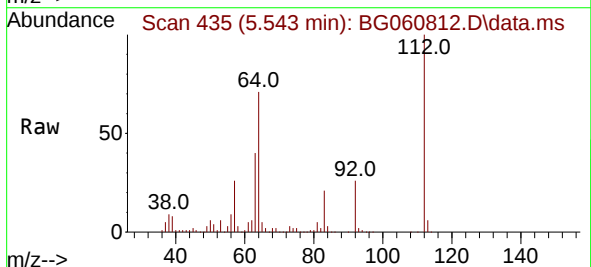


Tgt Ion:152 Resp: 64055
Ion Ratio Lower Upper
152 100
150 161.8 130.2 195.4
115 63.8 51.6 77.4



#5
2-Fluorophenol
Concen: 119.844 ng
RT: 5.543 min Scan# 435
Delta R.T. 0.008 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Tgt Ion:112 Resp: 460812
Ion Ratio Lower Upper
112 100
64 71.2 58.4 87.6
63 39.5 32.7 49.1

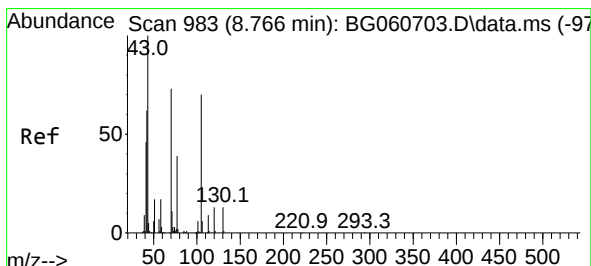
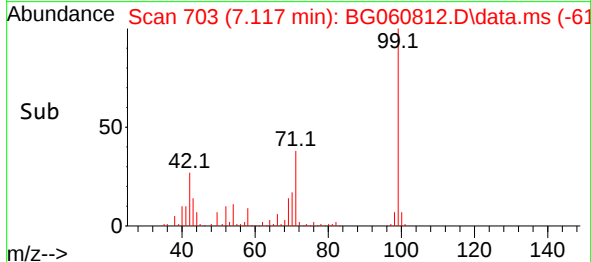
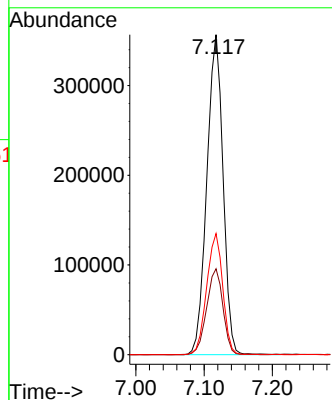
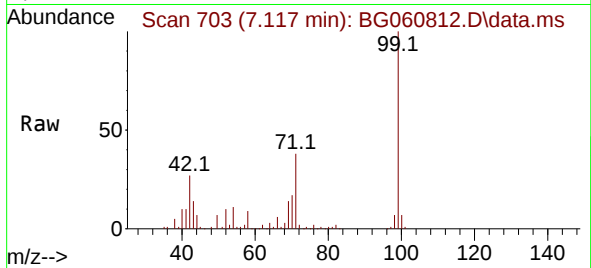




#7
Phenol-d6
Concen: 103.443 ng
RT: 7.117 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

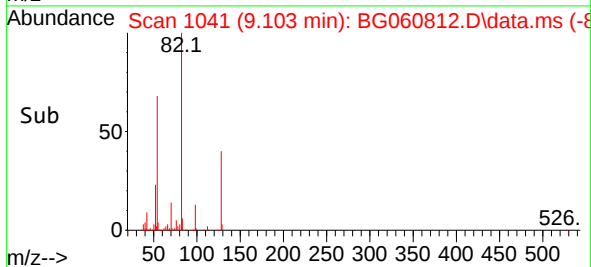
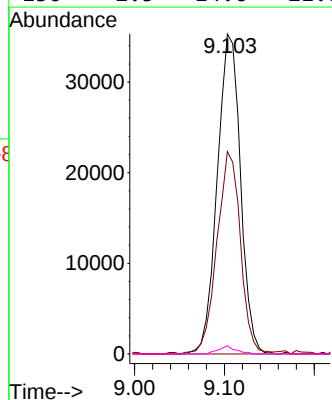
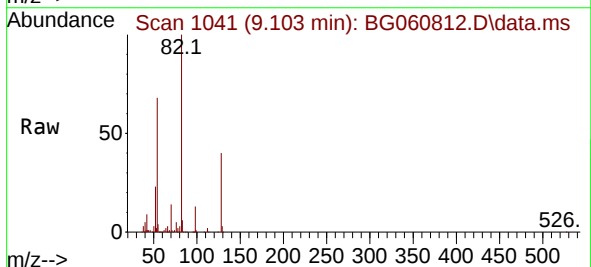
Instrument :
BNA_G
ClientSampleId :

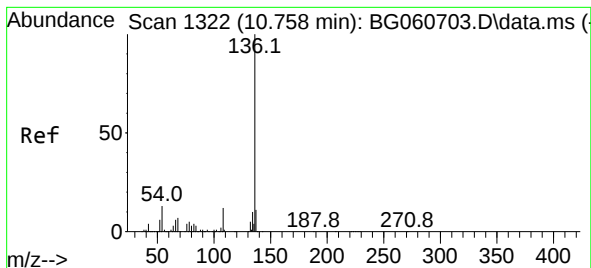
Tgt Ion: 99 Resp: 590412
Ion Ratio Lower Upper
99 100
42 26.9 19.4 29.2
71 37.9 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.553 ng
RT: 9.103 min Scan# 1041
Delta R.T. 0.337 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

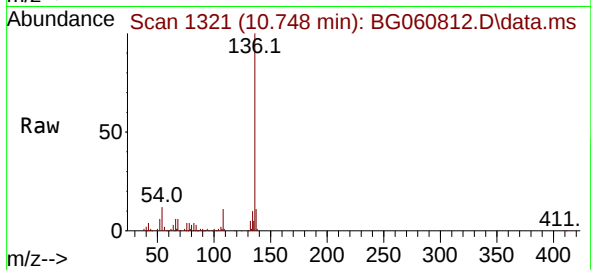
Tgt Ion: 70 Resp: 63343
Ion Ratio Lower Upper
70 100
42 63.2 68.4 102.6#
101 0.0 6.1 9.1#
130 2.5 14.6 21.8#



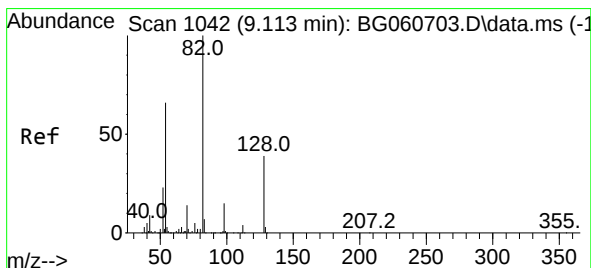
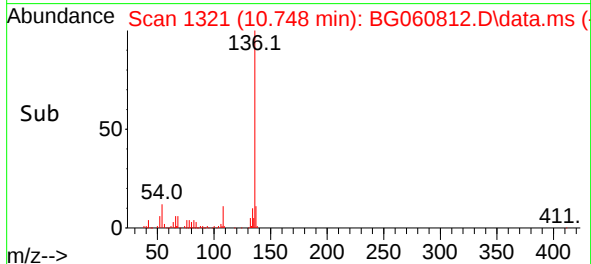
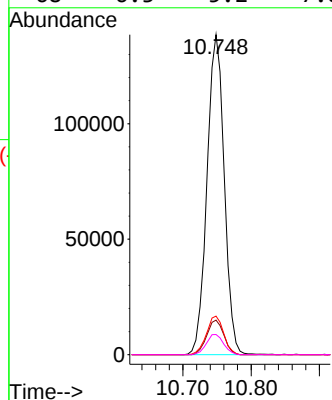


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1321
Delta R.T. -0.010 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Instrument :
BNA_G
ClientSampleId :

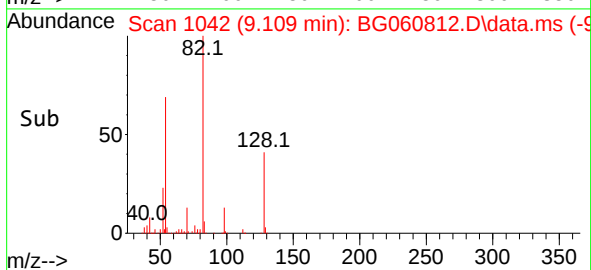
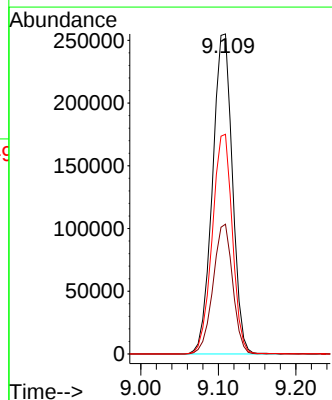
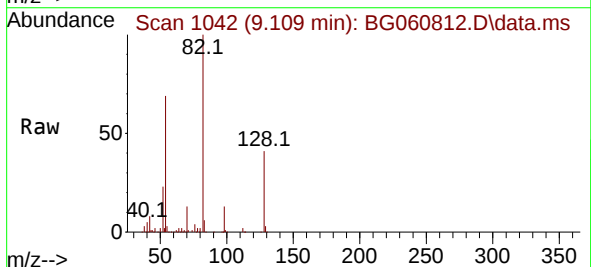


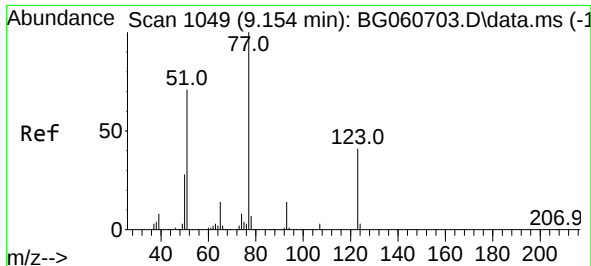
Tgt Ion:136 Resp: 243539
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 12.1 10.2 15.2
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 106.800 ng
RT: 9.109 min Scan# 1042
Delta R.T. -0.004 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

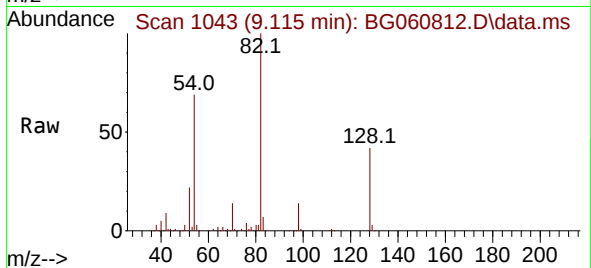
Tgt Ion: 82 Resp: 455823
Ion Ratio Lower Upper
82 100
128 40.6 31.2 46.8
54 68.6 53.2 79.8



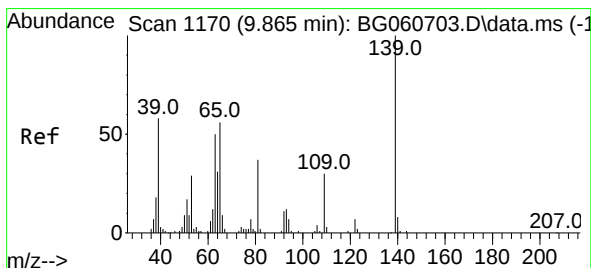
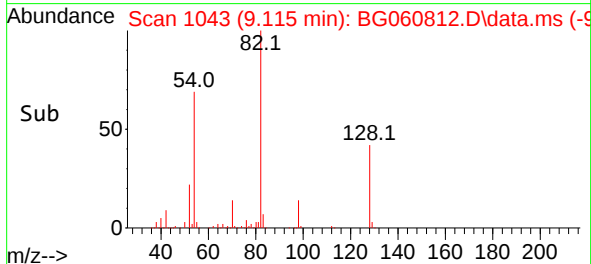
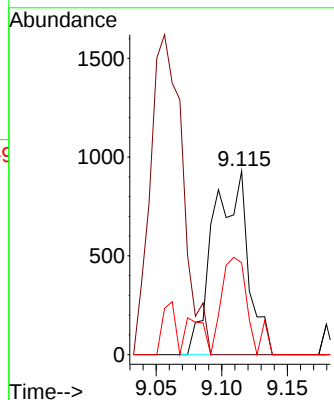


#24
Nitrobenzene
Concen: 3.113 ng
RT: 9.115 min Scan# 1043
Delta R.T. -0.039 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Instrument :
BNA_G
ClientSampleId :

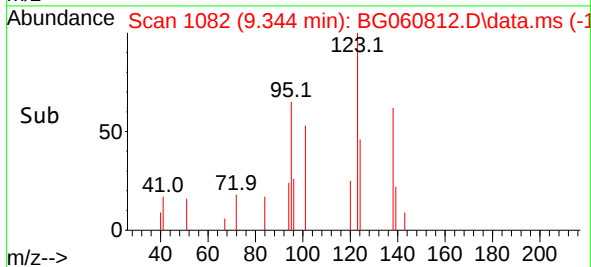
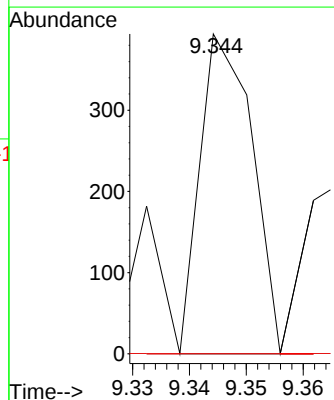
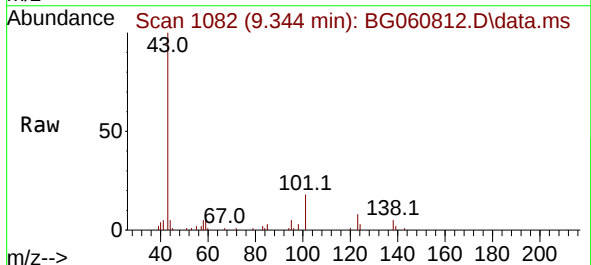


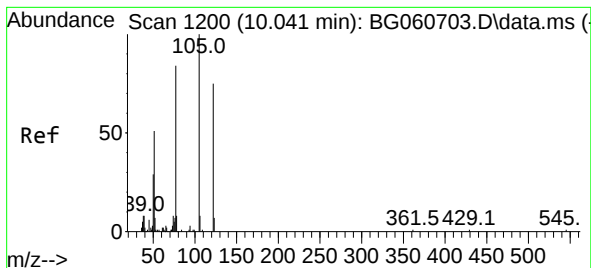
Tgt Ion: 77 Resp: 1716
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 50.0 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.125 ng
RT: 9.344 min Scan# 1082
Delta R.T. -0.521 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

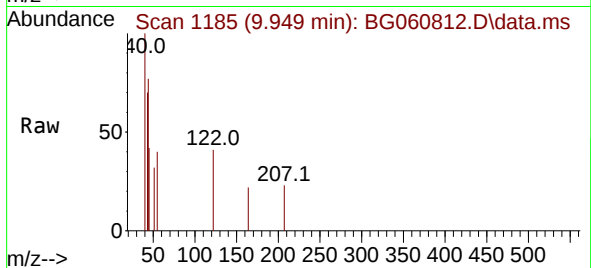
Tgt Ion:139 Resp: 251
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#



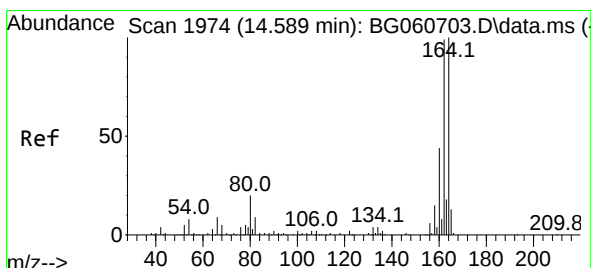
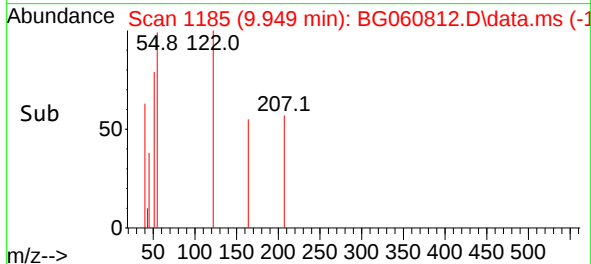
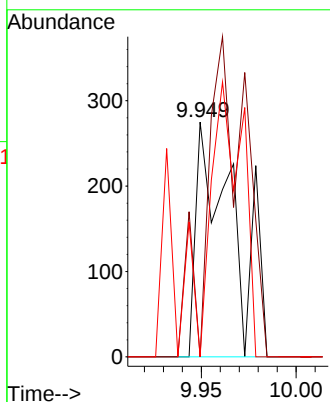


#32
Benzoic acid
Concen: 6.960 ng
RT: 9.949 min Scan# 1185
Delta R.T. -0.092 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Instrument :
BNA_G
ClientSampleId :

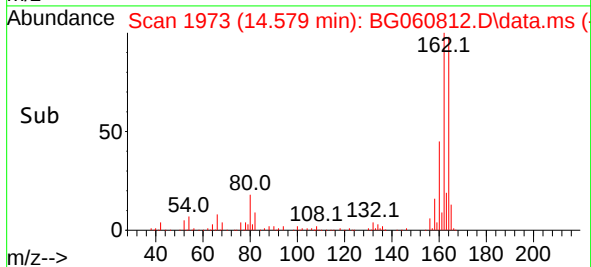
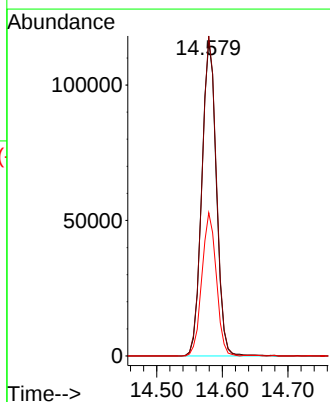
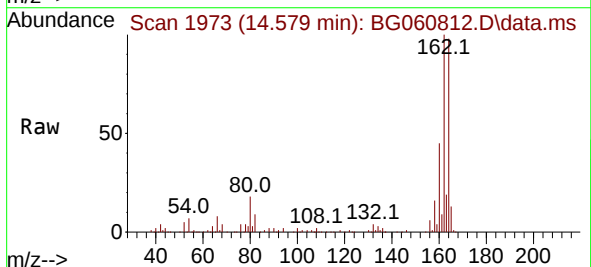


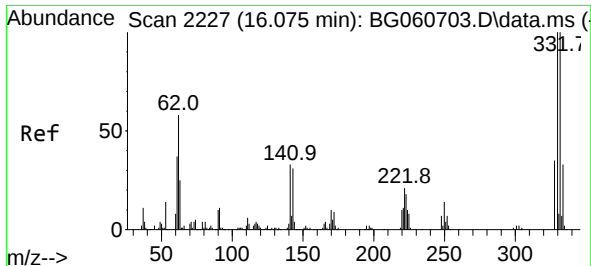
Tgt Ion:122 Resp: 380
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.579 min Scan# 1973
Delta R.T. -0.010 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

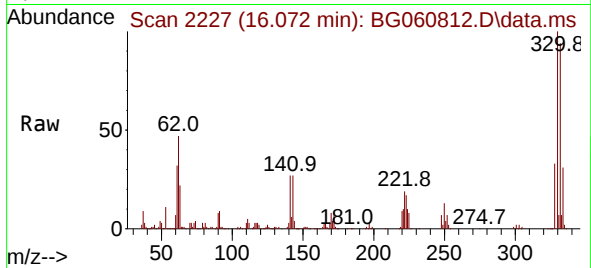
Tgt Ion:164 Resp: 179675
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.6 35.4 53.0



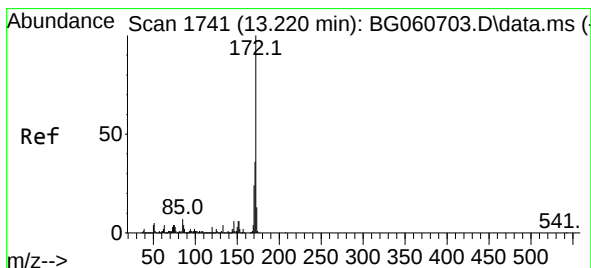
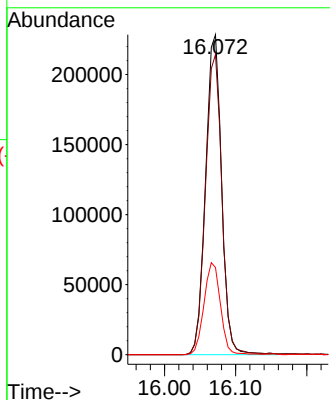
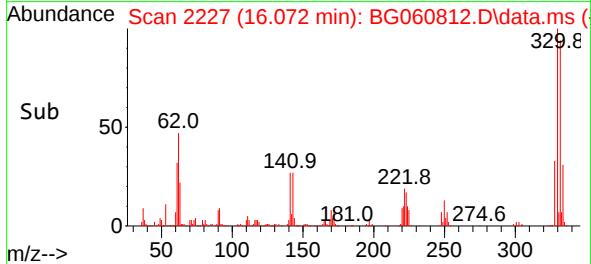


#42
2,4,6-Tribromophenol
Concen: 175.994 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

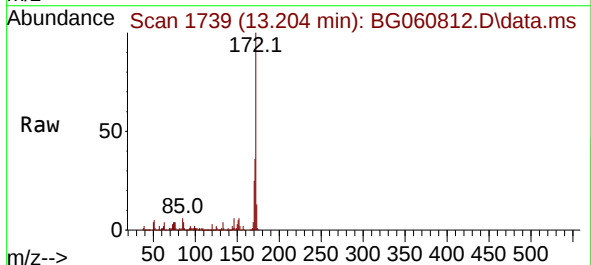
Instrument :
BNA_G
ClientSampleId :



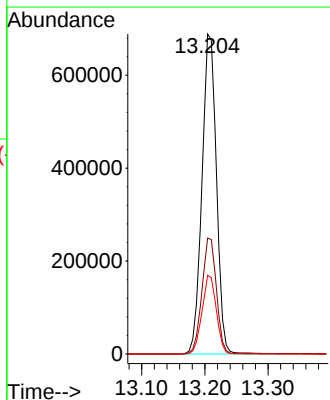
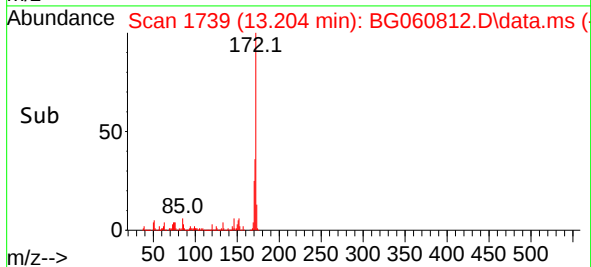
Tgt Ion:330 Resp: 358957
Ion Ratio Lower Upper
330 100
332 95.4 78.2 117.4
141 29.5 27.0 40.6

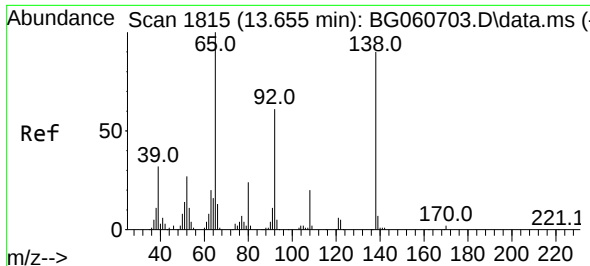


#45
2-Fluorobiphenyl
Concen: 89.583 ng
RT: 13.204 min Scan# 1739
Delta R.T. -0.016 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33



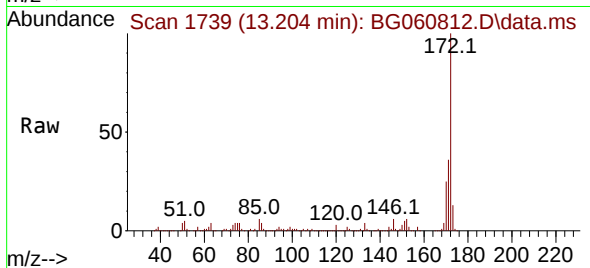
Tgt Ion:172 Resp: 1096719
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.6 19.4 29.0



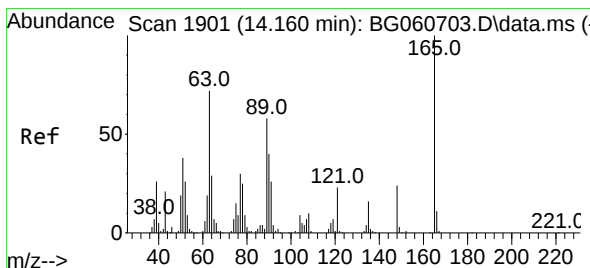
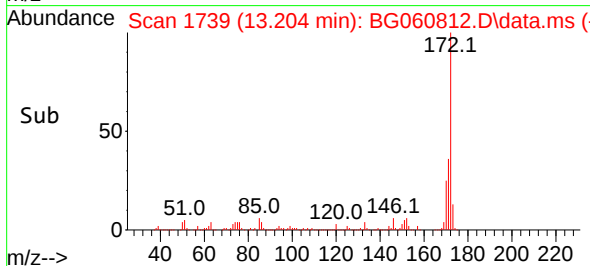
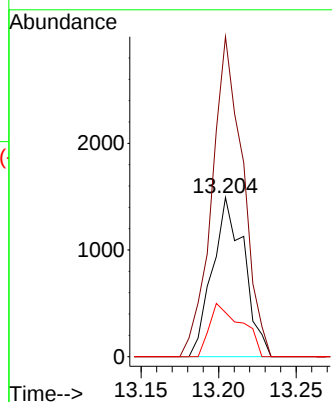


#48
2-Nitroaniline
Concen: 3.508 ng
RT: 13.204 min Scan# 1739
Delta R.T. -0.451 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Instrument :
BNA_G
ClientSampleId :

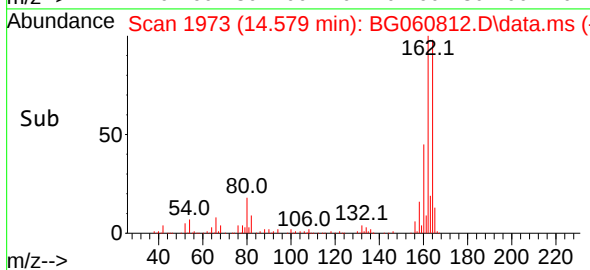
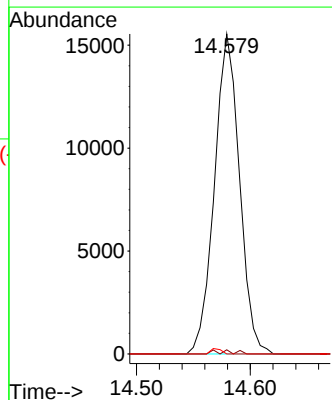
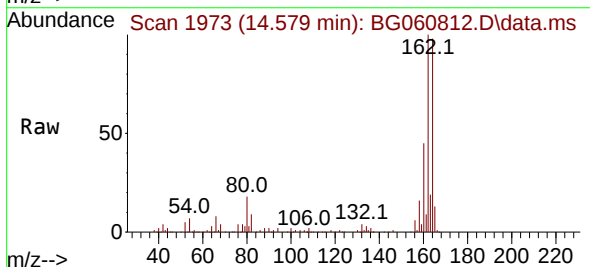


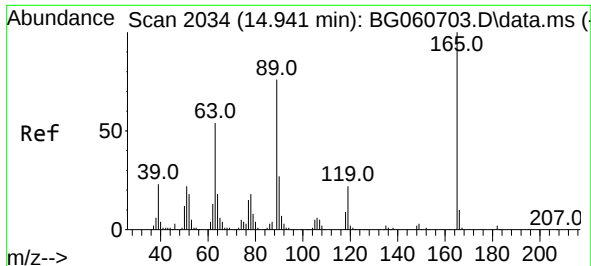
Tgt Ion: 65 Resp: 2124
Ion Ratio Lower Upper
65 100
92 200.9 48.6 72.8#
138 27.7 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.173 ng
RT: 14.579 min Scan# 1973
Delta R.T. 0.419 min
Lab File: BG060812.D
Acq: 6 Apr 2024 15:33

Tgt Ion:165 Resp: 23801
Ion Ratio Lower Upper
165 100
63 1.3 58.2 87.4#
89 0.0 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 10.237 ng

RT: 14.579 min Scan# 14

Delta R.T. -0.362 min

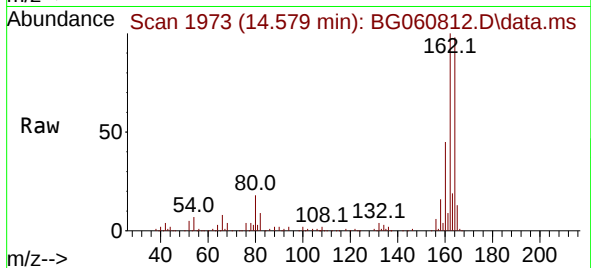
Lab File: BG060812.D

Acq: 6 Apr 2024 15:33

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 23801

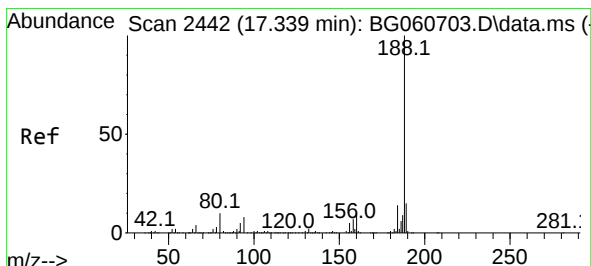
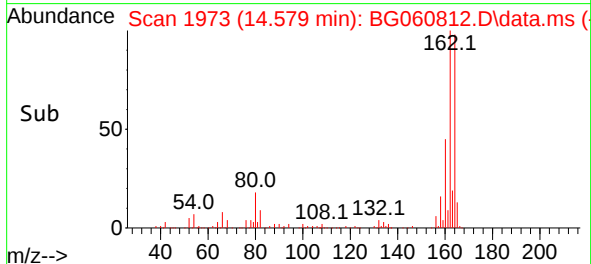
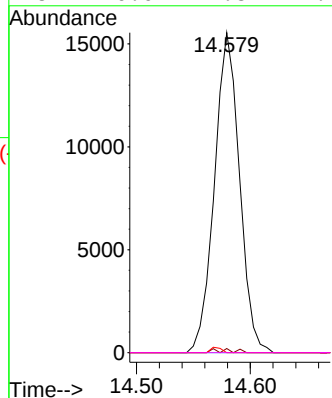
Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

89 0.0 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.329 min Scan# 2441

Delta R.T. -0.010 min

Lab File: BG060812.D

Acq: 6 Apr 2024 15:33

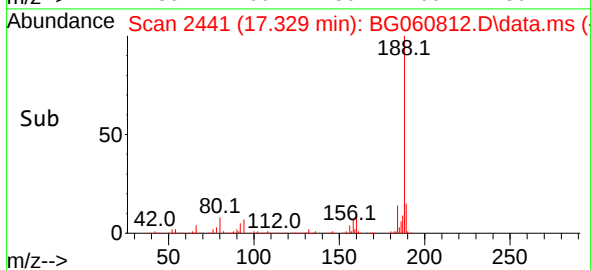
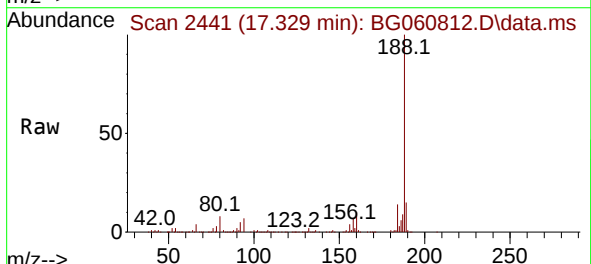
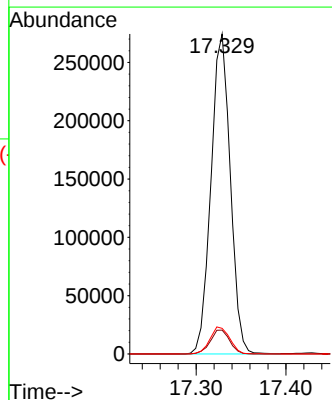
Tgt Ion:188 Resp: 409568

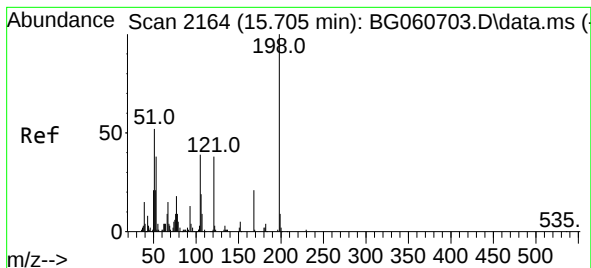
Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.0 7.6 11.4

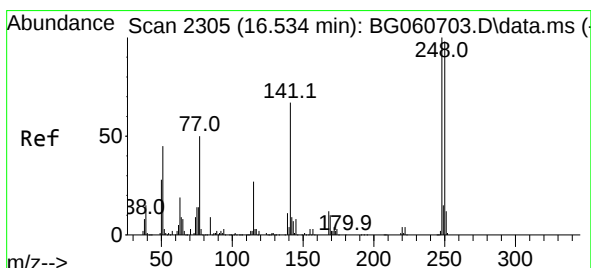
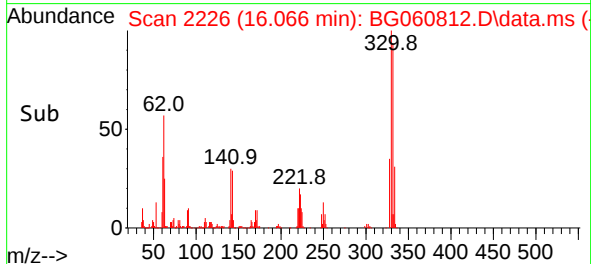
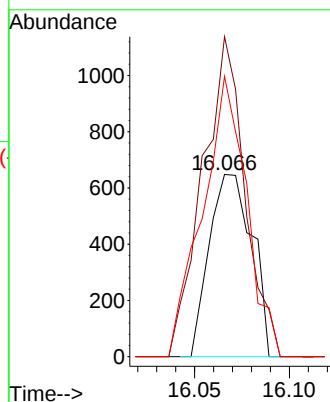
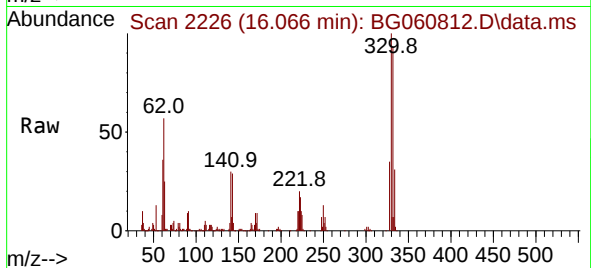




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.547 ng
 RT: 16.066 min Scan# 2164
 Delta R.T. 0.361 min
 Lab File: BG060812.D
 Acq: 6 Apr 2024 15:33

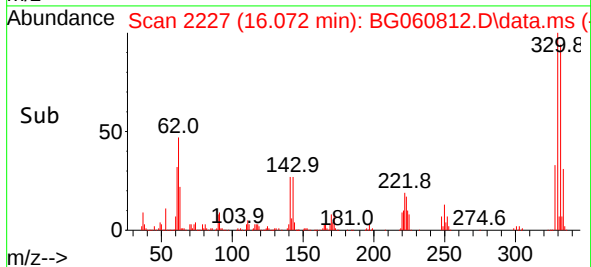
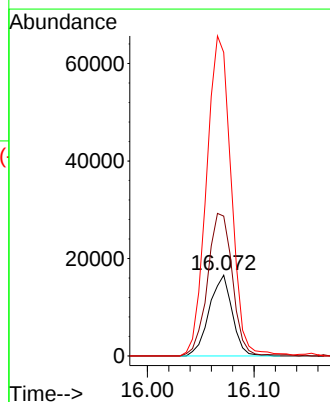
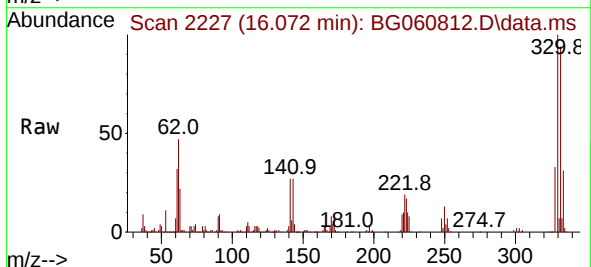
Instrument :
 BNA_G
 ClientSampleId :

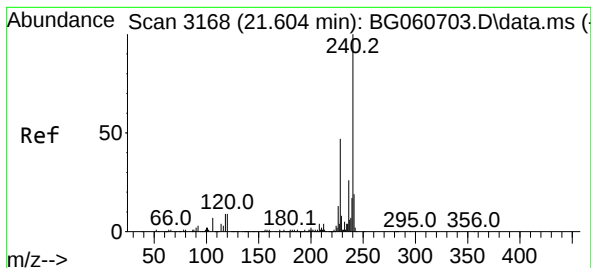
Tgt Ion:198 Resp: 1017
 Ion Ratio Lower Upper
 198 100
 51 175.6 36.7 76.7#
 105 153.9 19.1 59.1#



#67
 4-Bromophenyl-phenylether
 Concen: 5.983 ng
 RT: 16.072 min Scan# 2227
 Delta R.T. -0.462 min
 Lab File: BG060812.D
 Acq: 6 Apr 2024 15:33

Tgt Ion:248 Resp: 24869
 Ion Ratio Lower Upper
 248 100
 250 173.2 78.3 117.5#
 141 375.9 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3166

Delta R.T. -0.016 min

Lab File: BG060812.D

Acq: 6 Apr 2024 15:33

Instrument :

BNA_G

ClientSampleId :

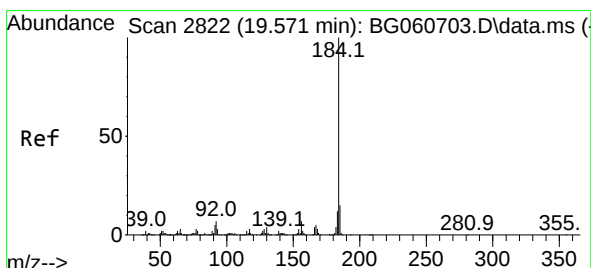
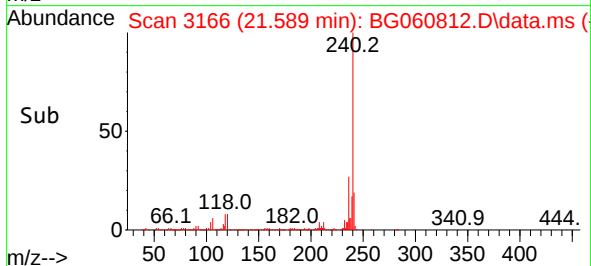
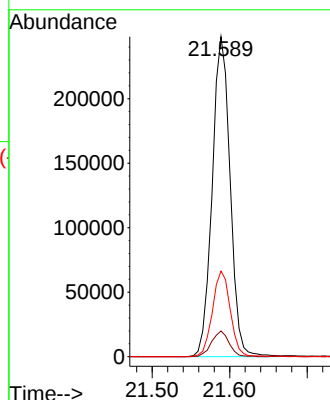
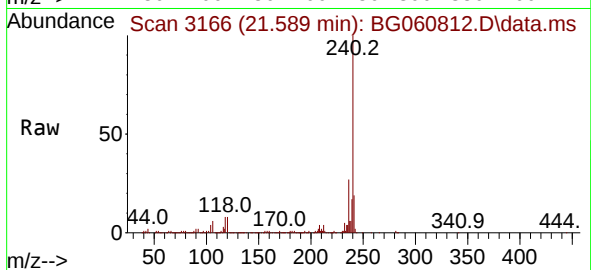
Tgt Ion:240 Resp: 398899

Ion Ratio Lower Upper

240 100

120 8.1 7.1 10.7

236 26.8 20.7 31.1



#77

Benzidine

Concen: 2.757 ng

RT: 19.955 min Scan# 2888

Delta R.T. 0.384 min

Lab File: BG060812.D

Acq: 6 Apr 2024 15:33

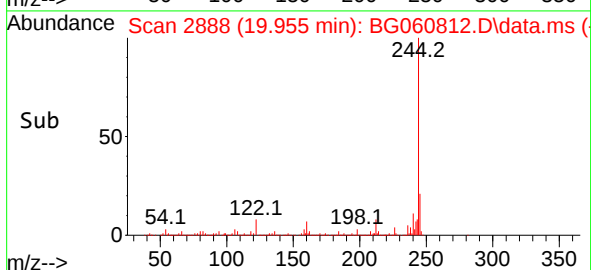
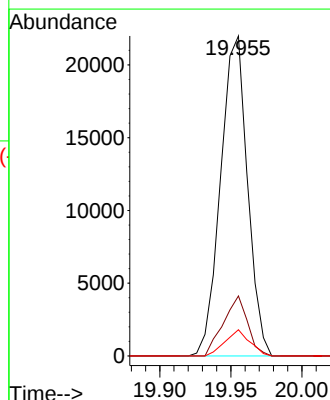
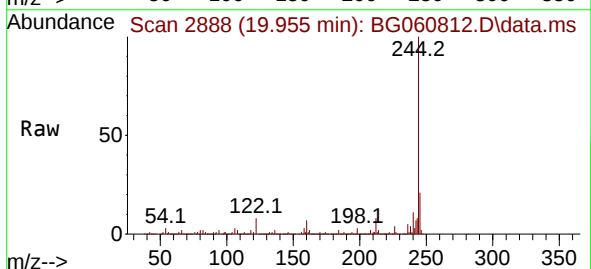
Tgt Ion:184 Resp: 28954

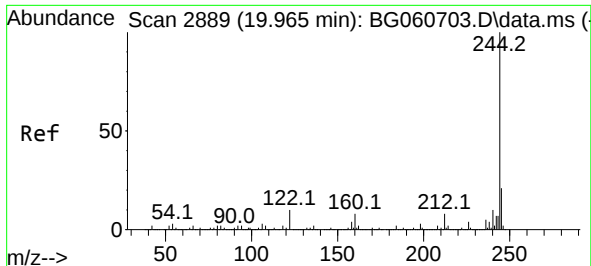
Ion Ratio Lower Upper

184 100

185 18.7 11.8 17.6#

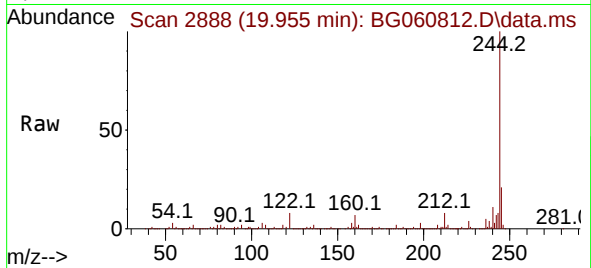
183 8.2 9.5 14.3#



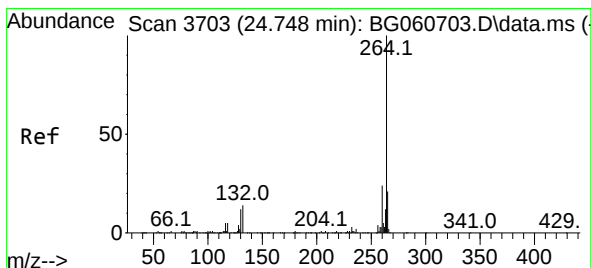
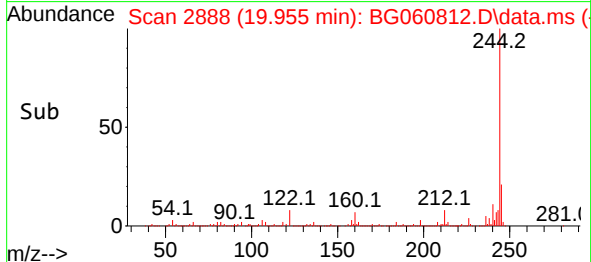
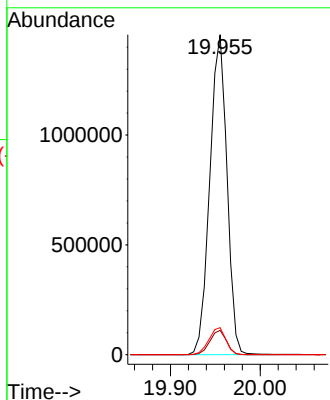


#79
 Terphenyl-d14
 Concen: 85.351 ng
 RT: 19.955 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG060812.D
 Acq: 6 Apr 2024 15:33

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 1933536
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.726 min Scan# 3700
 Delta R.T. -0.021 min
 Lab File: BG060812.D
 Acq: 6 Apr 2024 15:33

Tgt Ion:264 Resp: 464038
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.7 16.9 25.3

