

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060876.D
 Acq On : 12 Apr 2024 16:19
 Operator : MA/JU
 Sample : P2070-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Apr 12 16:51:14 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)

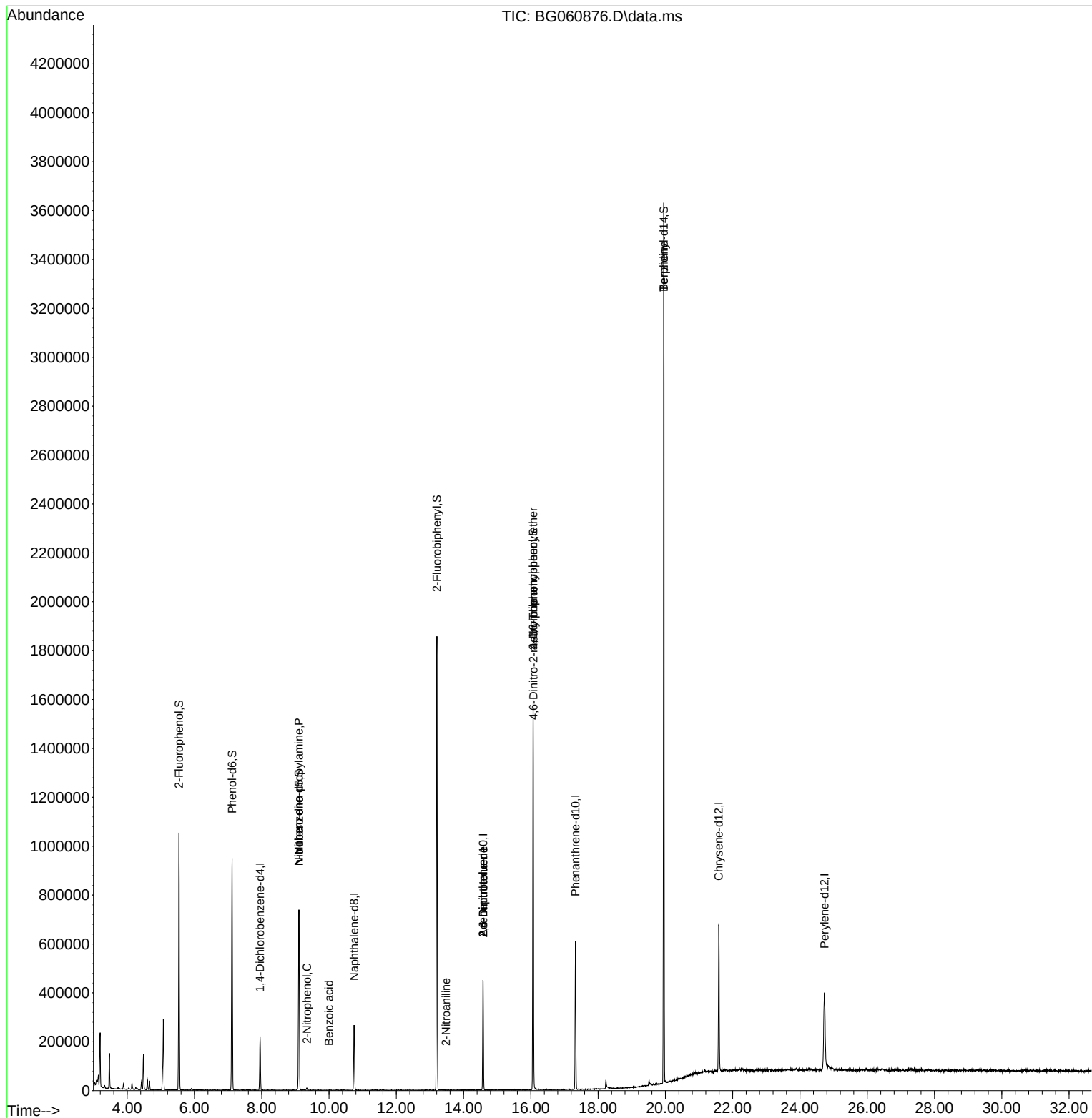
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	55928	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	215880	20.000	ng	-0.01
39) Acenaphthene-d10	14.582	164	162191	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	383301	20.000	ng	#-0.01
76) Chrysene-d12	21.586	240	367209	20.000	ng	-0.02
86) Perylene-d12	24.729	264	396016	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	389148	115.913	ng	0.00
7) Phenol-d6	7.121	99	472025	94.719	ng	0.00
23) Nitrobenzene-d5	9.106	82	409837	108.328	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	331703	180.163	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	980036	88.681	ng	-0.01
79) Terphenyl-d14	19.953	244	1819004	87.225	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.106	70	55984	14.731	ng	# 73
24) Nitrobenzene	9.106	77	1483	3.105	ng	# 46
26) 2-Nitrophenol	9.347	139	117	3.047	ng	# 31
32) Benzoic acid	9.999	122	129	6.884	ng	# 1
48) 2-Nitroaniline	13.478	65	57	2.812	ng	# 11
51) 2,6-Dinitrotoluene	14.582	165	21433	12.152	ng	# 19
57) 2,4-Dinitrotoluene	14.582	165	21433	10.220	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.075	198	852	7.494	ng	# 61
67) 4-Bromophenyl-phenylether	16.069	248	22955	5.901	ng	# 1
77) Benzidine	19.953	184	29763	3.078	ng	# 84

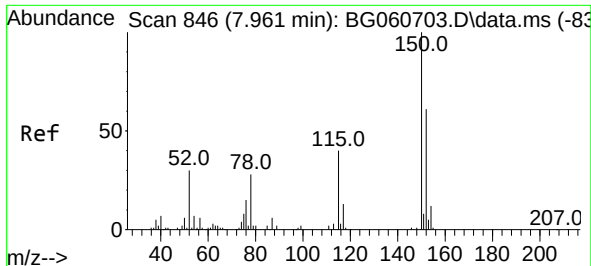
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
Data File : BG060876.D
Acq On : 12 Apr 2024 16:19
Operator : MA/JU
Sample : P2070-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

Quant Time: Apr 12 16:51:14 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

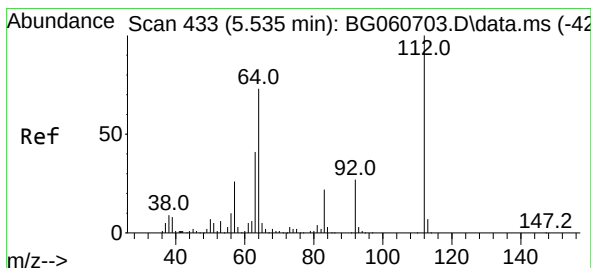
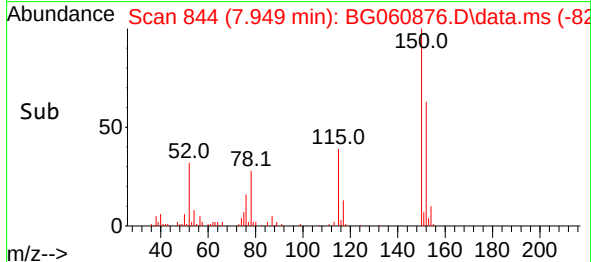
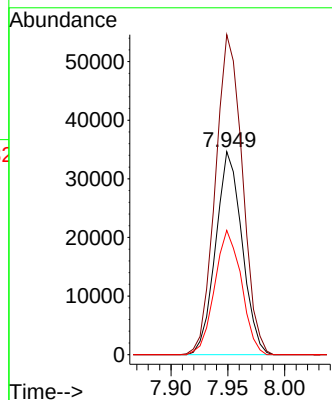
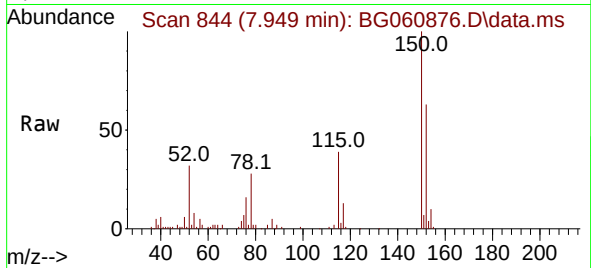




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 846
Delta R.T. -0.012 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

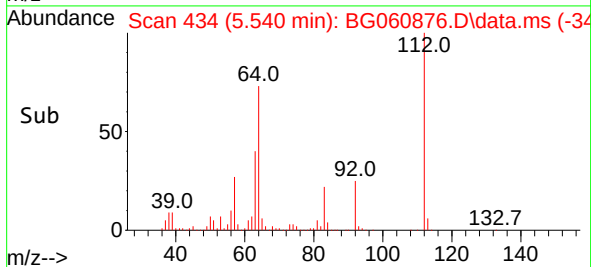
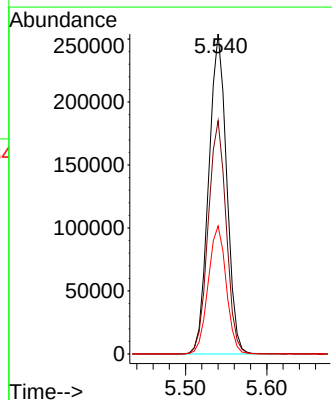
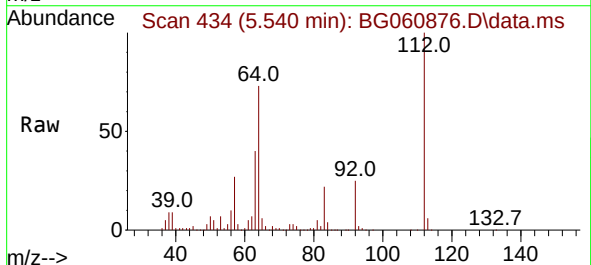
Instrument :
BNA_G
ClientSampleId :
TP-3

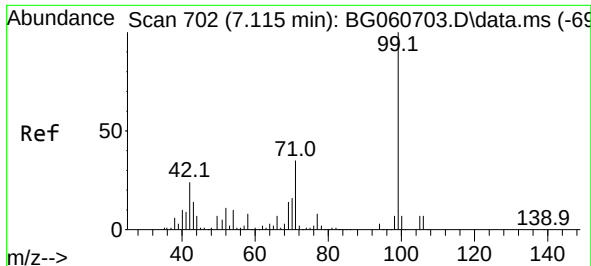
Tgt Ion:152 Resp: 55928
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.4
115 61.2 51.6 77.4



#5
2-Fluorophenol
Concen: 115.913 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

Tgt Ion:112 Resp: 389148
Ion Ratio Lower Upper
112 100
64 72.9 58.4 87.6
63 40.0 32.7 49.1

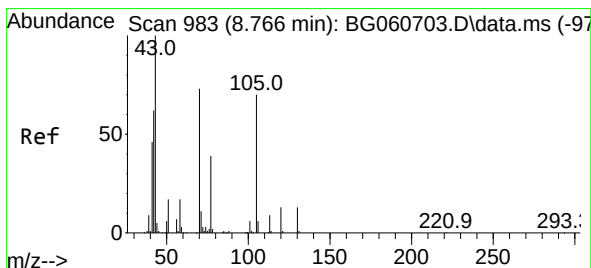
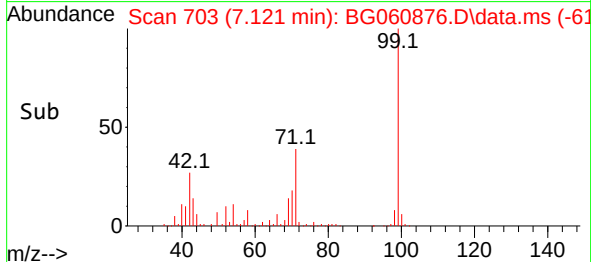
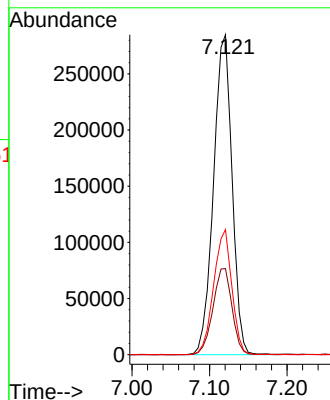
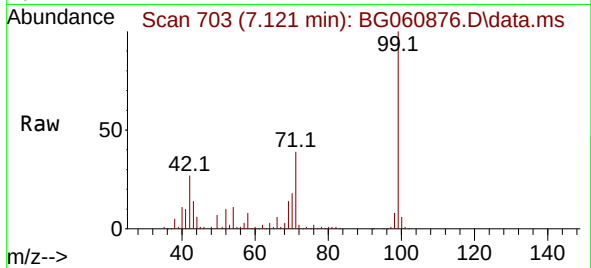




#7
Phenol-d6
Concen: 94.719 ng
RT: 7.121 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

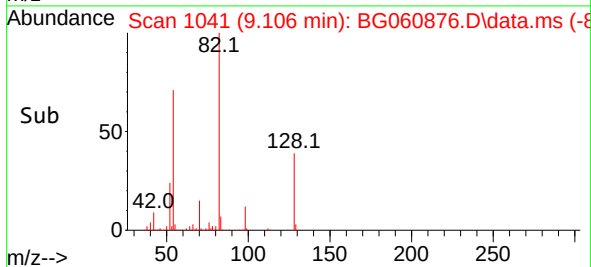
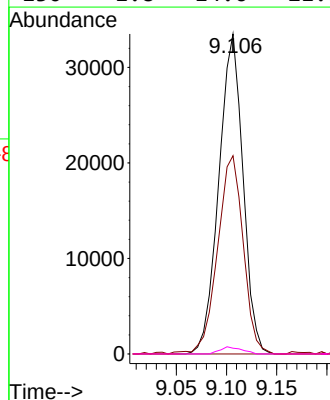
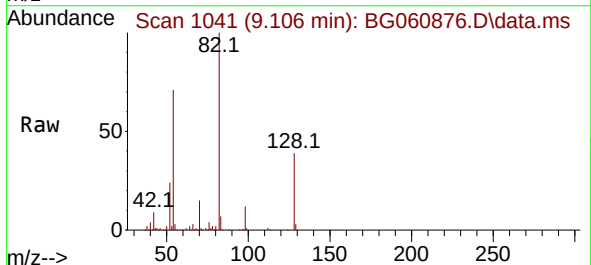
Instrument :
BNA_G
ClientSampleId :
TP-3

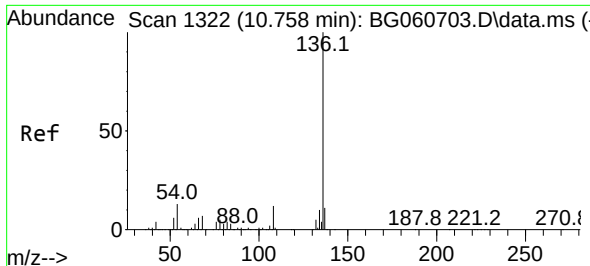
Tgt Ion: 99 Resp: 472025
Ion Ratio Lower Upper
99 100
42 26.9 19.4 29.2
71 39.1 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.731 ng
RT: 9.106 min Scan# 1041
Delta R.T. 0.340 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

Tgt Ion: 70 Resp: 55984
Ion Ratio Lower Upper
70 100
42 61.9 68.4 102.6#
101 0.0 6.1 9.1#
130 1.8 14.6 21.8#

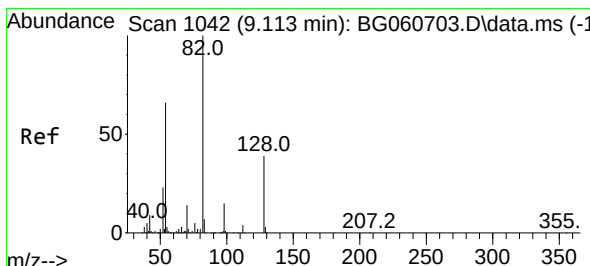
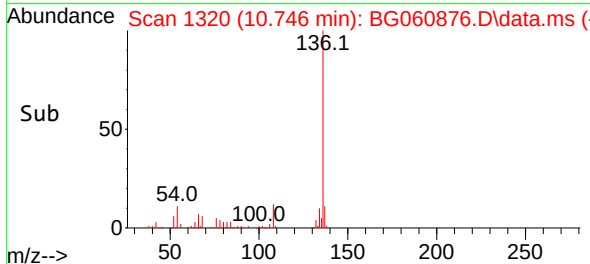
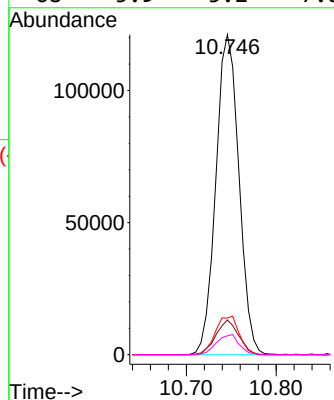
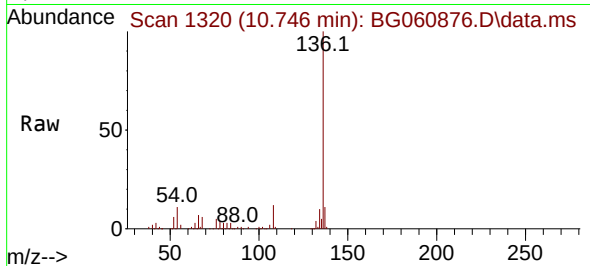




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

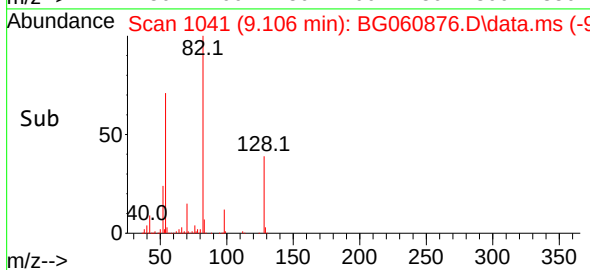
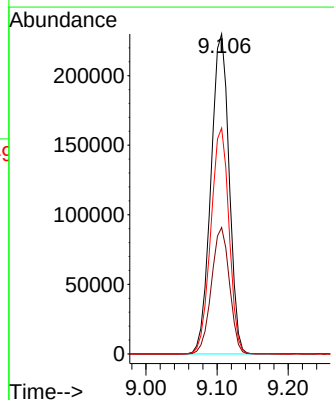
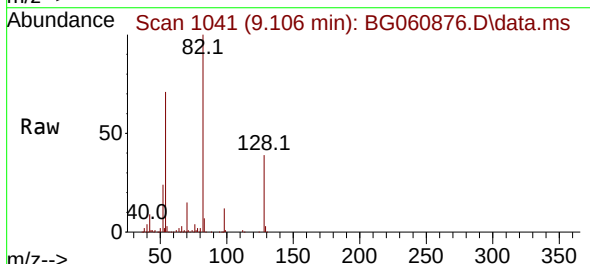
Instrument :
BNA_G
ClientSampleId :
TP-3

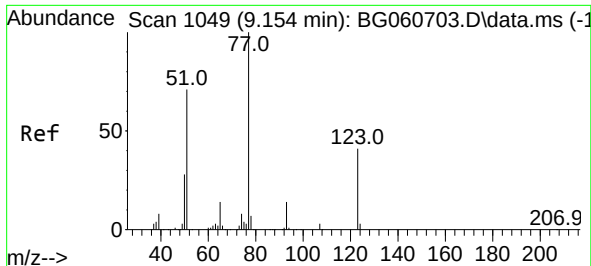
Tgt Ion:	136	Resp:	215880
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.5	10.2	15.2
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 108.328 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

Tgt Ion:	82	Resp:	409837
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.2	46.8
54	70.6	53.2	79.8

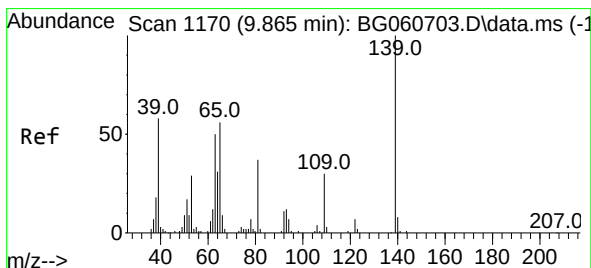
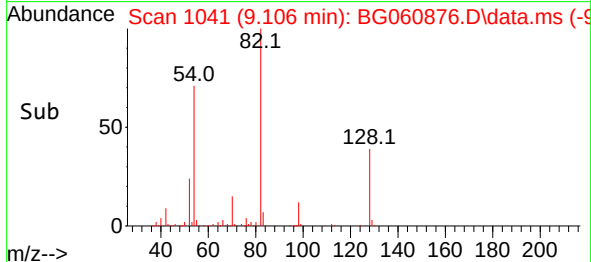
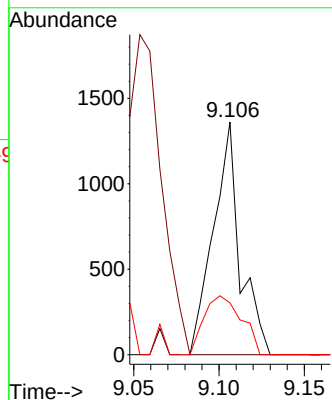
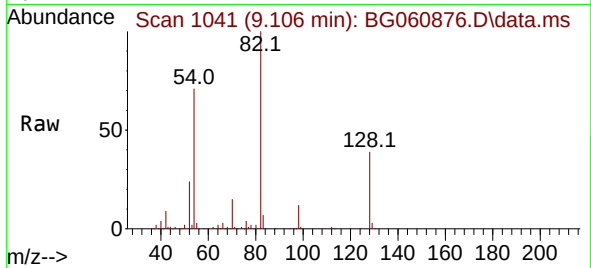




#24
Nitrobenzene
Concen: 3.105 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.048 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

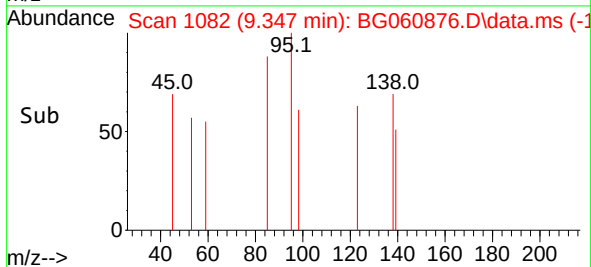
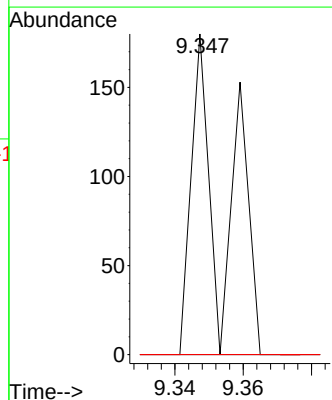
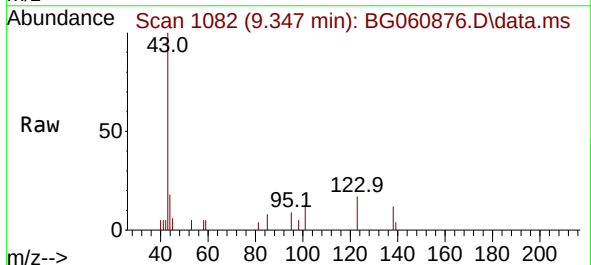
Instrument :
BNA_G
ClientSampleId :
TP-3

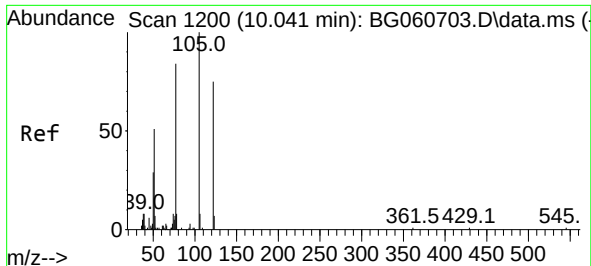
Tgt Ion: 77 Resp: 1483
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 22.3 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.047 ng
RT: 9.347 min Scan# 1082
Delta R.T. -0.518 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

Tgt Ion: 139 Resp: 117
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

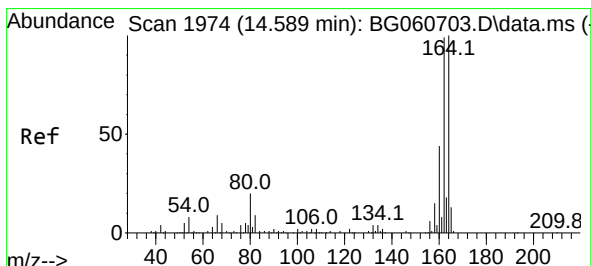
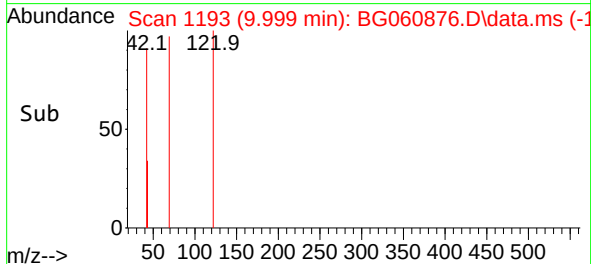
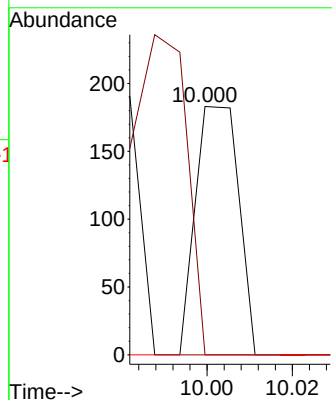
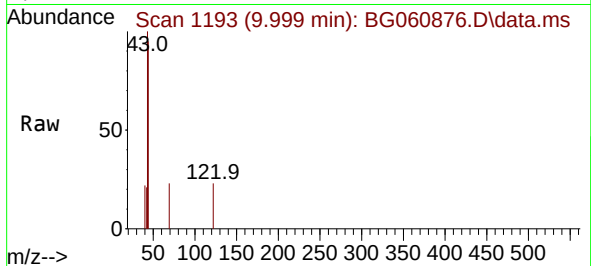




#32
Benzoic acid
Concen: 6.884 ng
RT: 9.999 min Scan# 11
Delta R.T. -0.042 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

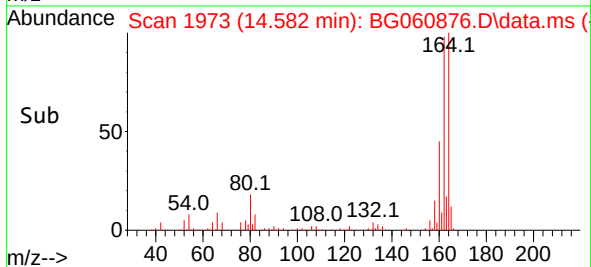
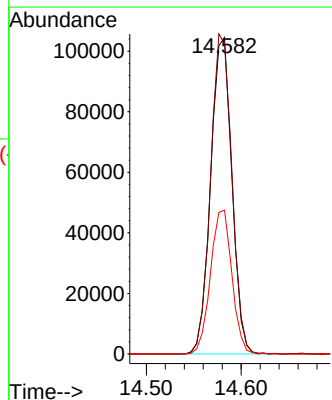
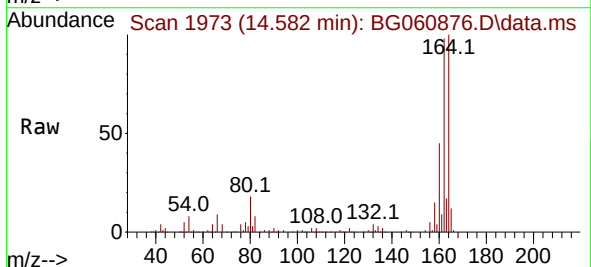
Instrument :
BNA_G
ClientSampleId :
TP-3

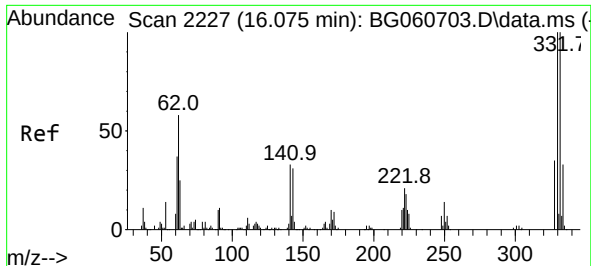
Tgt Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1973
Delta R.T. -0.007 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

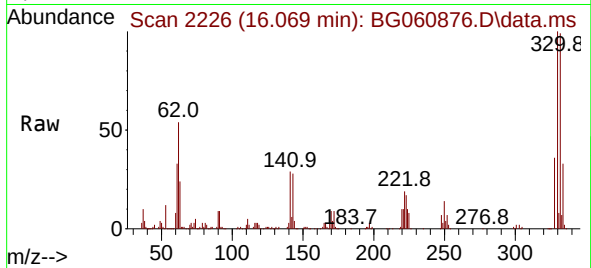
Tgt Ion:164 Resp: 162191
Ion Ratio Lower Upper
164 100
162 97.9 79.5 119.3
160 45.5 35.4 53.0



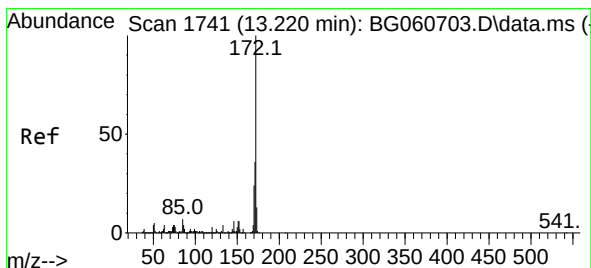
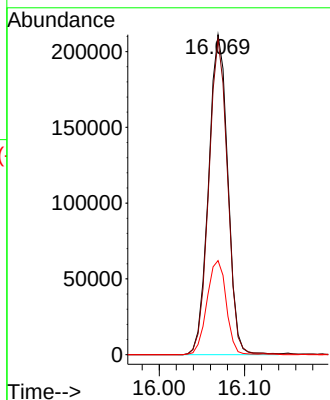
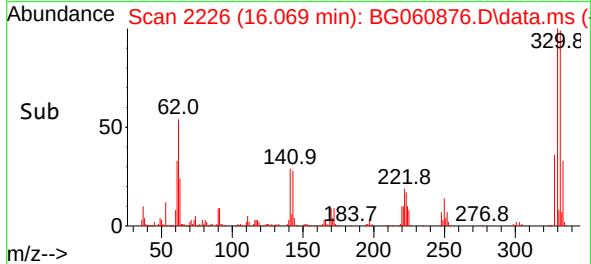


#42
2,4,6-Tribromophenol
Concen: 180.163 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

Instrument :
BNA_G
ClientSampleId :
TP-3

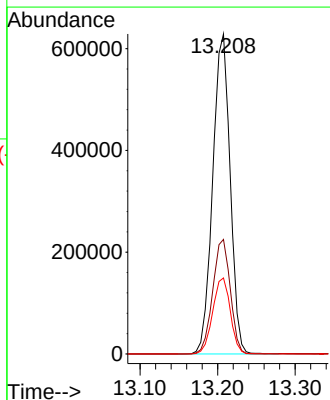
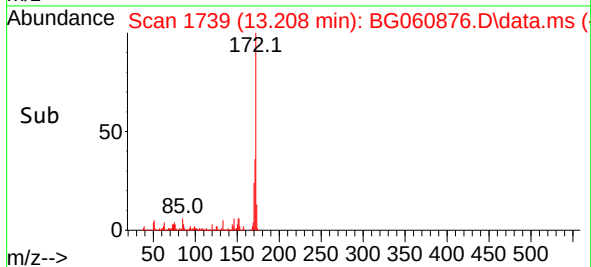
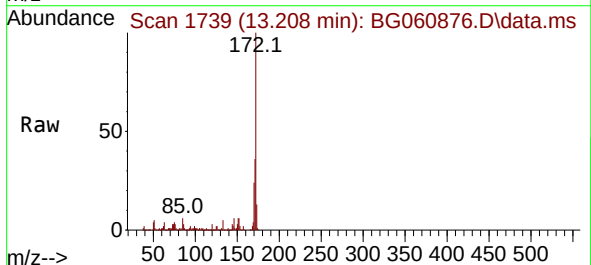


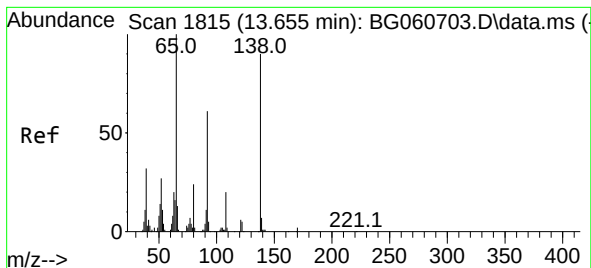
Tgt Ion:330 Resp: 331703
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 29.6 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 88.681 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

Tgt Ion:172 Resp: 980036
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.7 19.4 29.0





#48

2-Nitroaniline

Concen: 2.812 ng

RT: 13.478 min Scan# 1

Delta R.T. -0.177 min

Lab File: BG060876.D

Acq: 12 Apr 2024 16:19

Instrument :

BNA_G

ClientSampleId :

TP-3

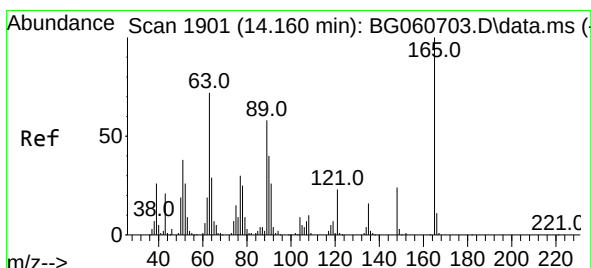
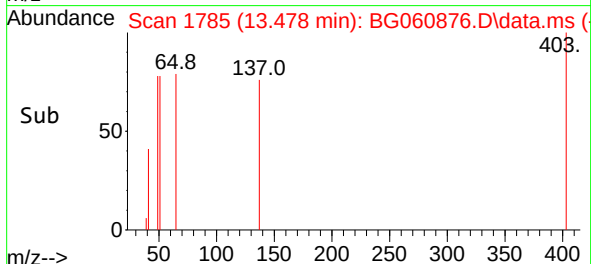
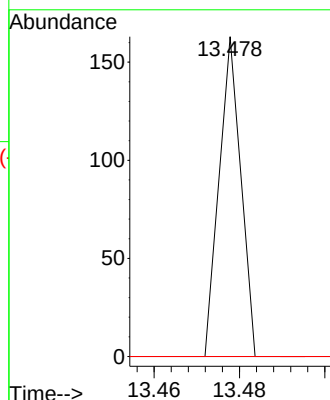
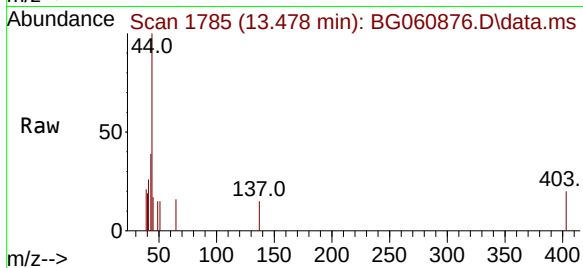
Tgt Ion: 65 Resp: 57

Ion Ratio Lower Upper

65 100

92 0.0 48.6 72.8#

138 0.0 72.2 108.4#



#51

2,6-Dinitrotoluene

Concen: 12.152 ng

RT: 14.582 min Scan# 1973

Delta R.T. 0.422 min

Lab File: BG060876.D

Acq: 12 Apr 2024 16:19

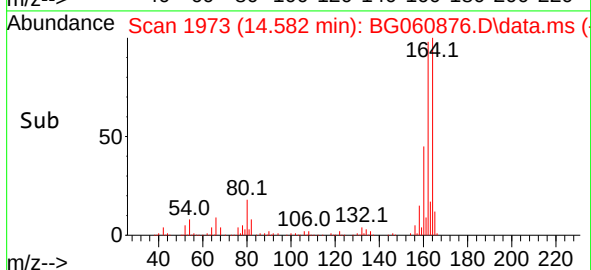
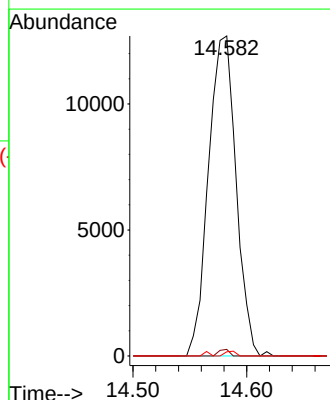
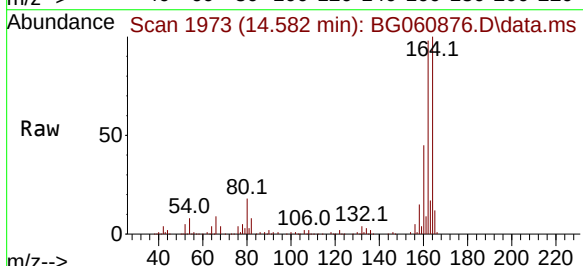
Tgt Ion: 165 Resp: 21433

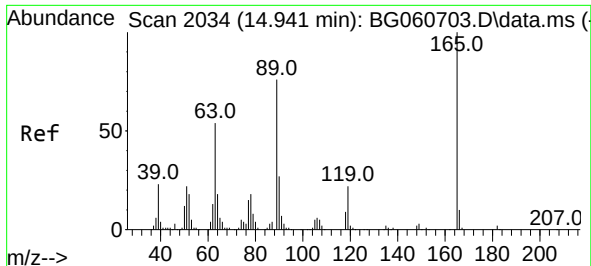
Ion Ratio Lower Upper

165 100

63 2.1 58.2 87.4#

89 1.3 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 10.220 ng

RT: 14.582 min Scan# 1973

Delta R.T. -0.359 min

Lab File: BG060876.D

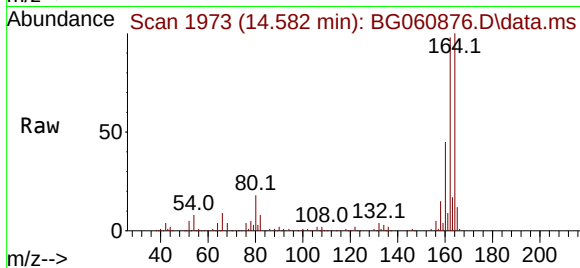
Acq: 12 Apr 2024 16:19

Instrument :

BNA_G

ClientSampleId :

TP-3



Tgt Ion:165 Resp: 21433

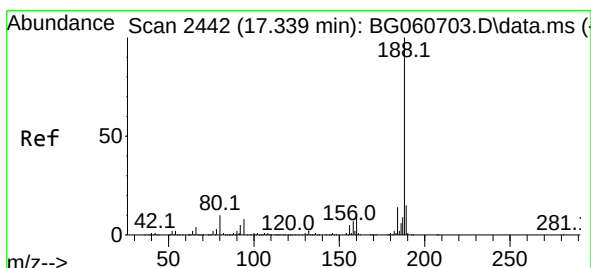
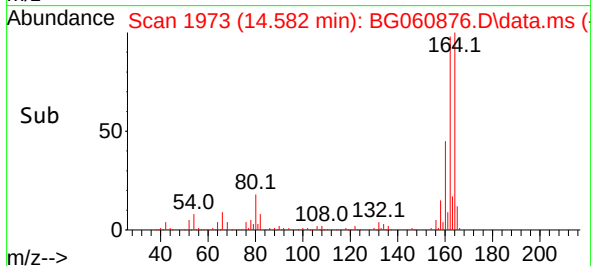
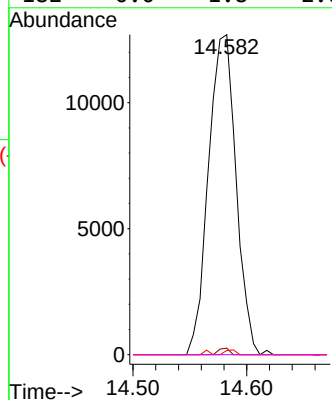
Ion Ratio Lower Upper

165 100

63 2.1 43.4 65.0#

89 1.3 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.326 min Scan# 2440

Delta R.T. -0.012 min

Lab File: BG060876.D

Acq: 12 Apr 2024 16:19

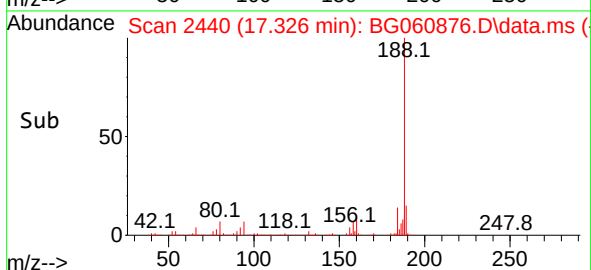
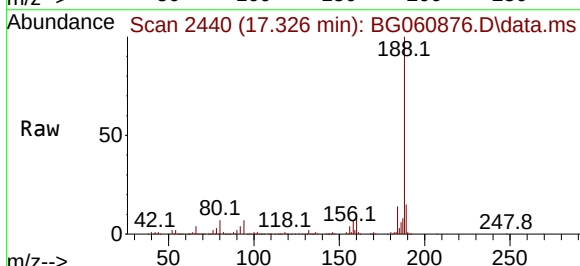
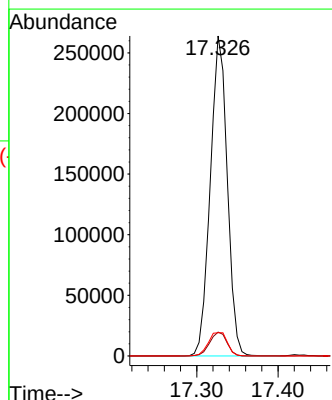
Tgt Ion:188 Resp: 383301

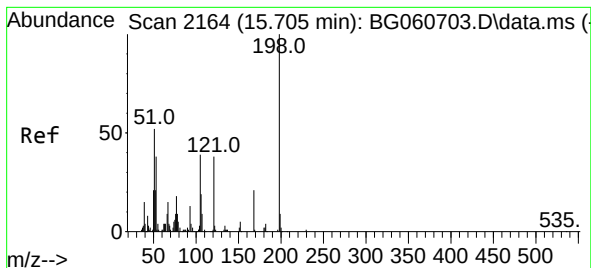
Ion Ratio Lower Upper

188 100

94 7.4 6.6 9.8

80 7.3 7.6 11.4#

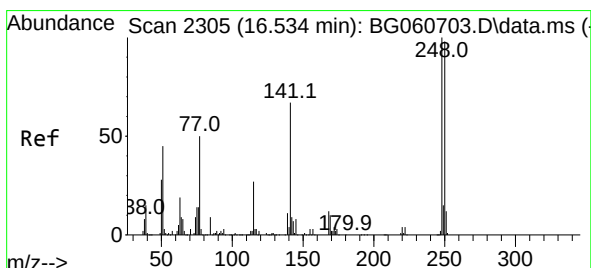
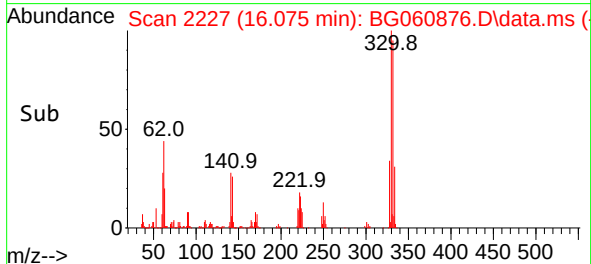
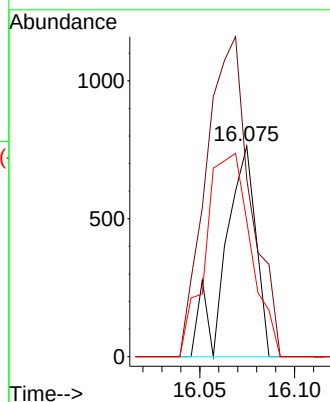
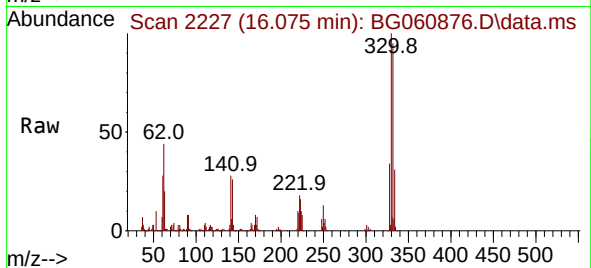




#65
4,6-Dinitro-2-methylphenol
Concen: 7.494 ng
RT: 16.075 min Scan# 2164
Delta R.T. 0.370 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

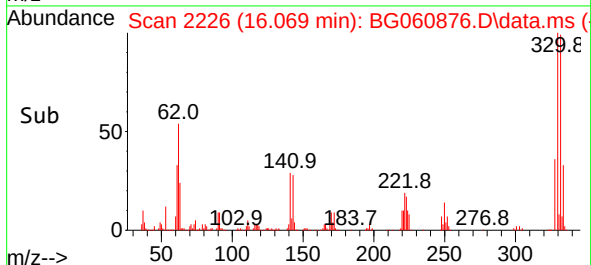
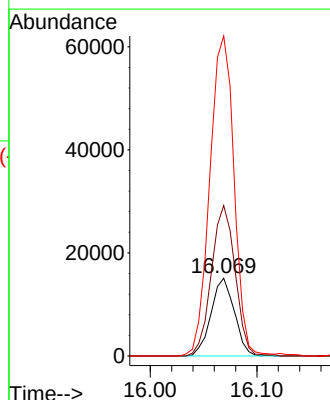
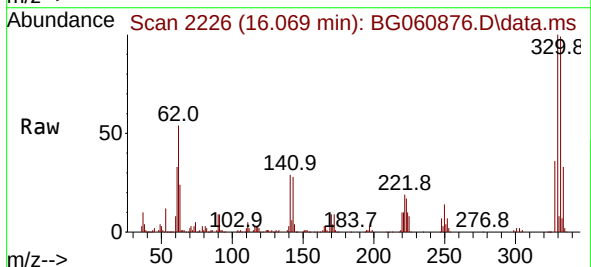
Instrument :
BNA_G
ClientSampleId :
TP-3

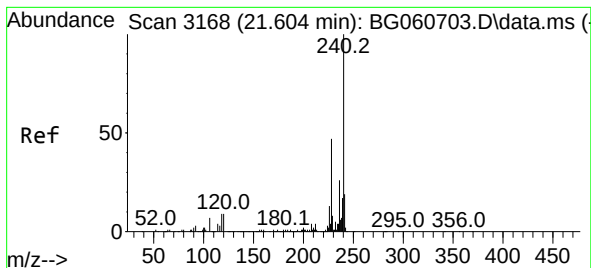
Tgt Ion:198 Resp: 852
Ion Ratio Lower Upper
198 100
51 84.3 36.7 76.7#
105 64.4 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.901 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.465 min
Lab File: BG060876.D
Acq: 12 Apr 2024 16:19

Tgt Ion:248 Resp: 22955
Ion Ratio Lower Upper
248 100
250 193.6 78.3 117.5#
141 411.7 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3165

Delta R.T. -0.018 min

Lab File: BG060876.D

Acq: 12 Apr 2024 16:19

Instrument :

BNA_G

ClientSampleId :

TP-3

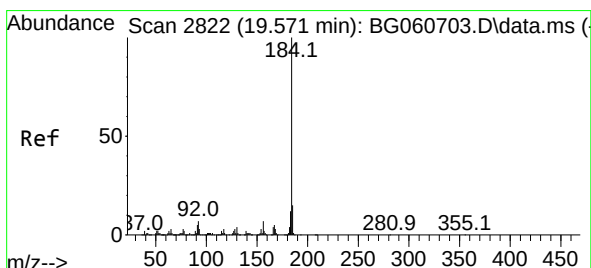
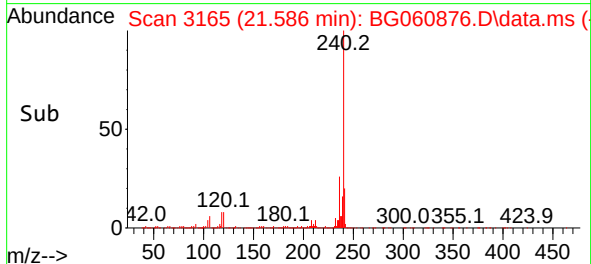
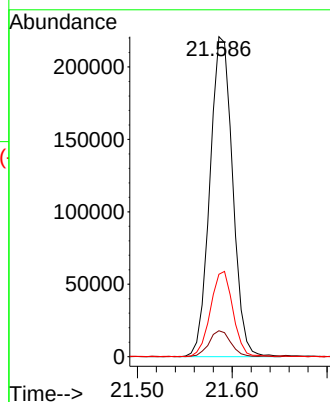
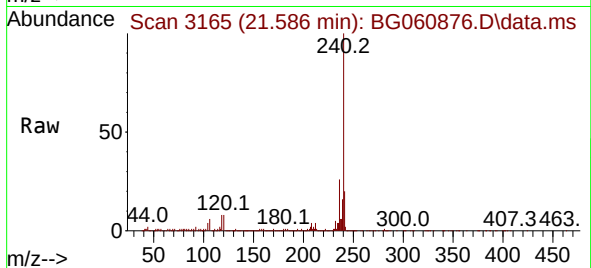
Tgt Ion:240 Resp: 367209

Ion Ratio Lower Upper

240 100

120 8.1 7.1 10.7

236 25.7 20.7 31.1



#77

Benzidine

Concen: 3.078 ng

RT: 19.953 min Scan# 2887

Delta R.T. 0.381 min

Lab File: BG060876.D

Acq: 12 Apr 2024 16:19

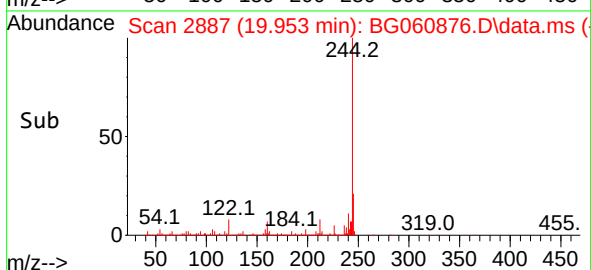
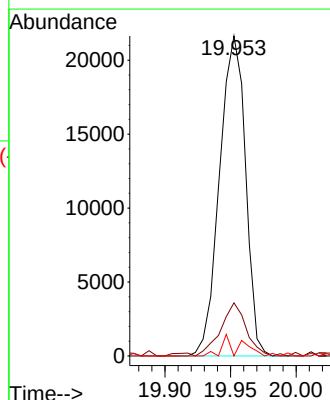
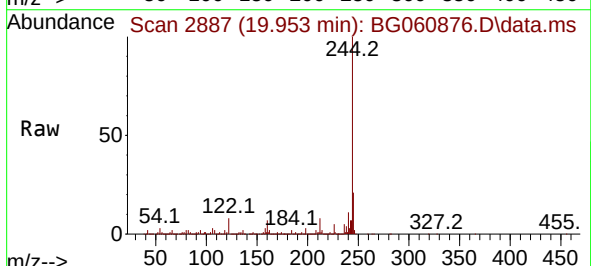
Tgt Ion:184 Resp: 29763

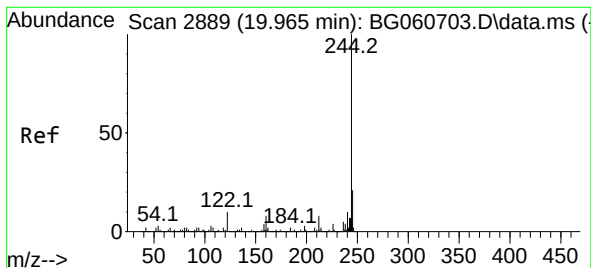
Ion Ratio Lower Upper

184 100

185 16.6 11.8 17.6

183 0.0 9.5 14.3#





#79

Terphenyl-d14

Concen: 87.225 ng

RT: 19.953 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG060876.D

Acq: 12 Apr 2024 16:19

Instrument :

BNA_G

ClientSampleId :

TP-3

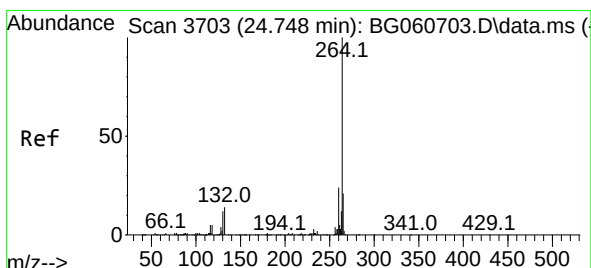
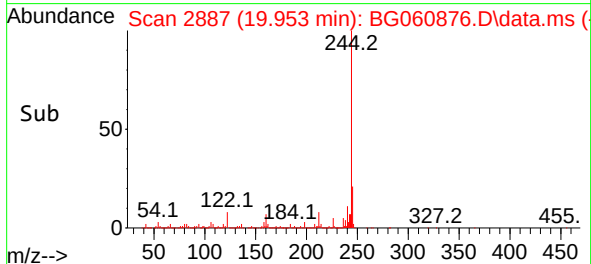
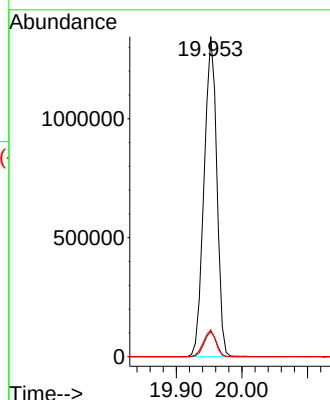
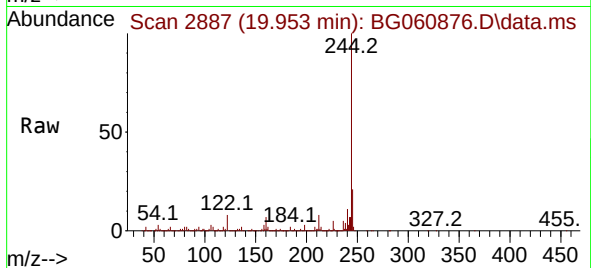
Tgt Ion:244 Resp: 1819004

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 8.4 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.729 min Scan# 3700

Delta R.T. -0.018 min

Lab File: BG060876.D

Acq: 12 Apr 2024 16:19

Tgt Ion:264 Resp: 396016

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.4 16.9 25.3

