

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060661.D
 Acq On : 15 Mar 2024 12:24
 Operator : MA/JU
 Sample : PB159608BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159608BL

Quant Time: Mar 15 13:59:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

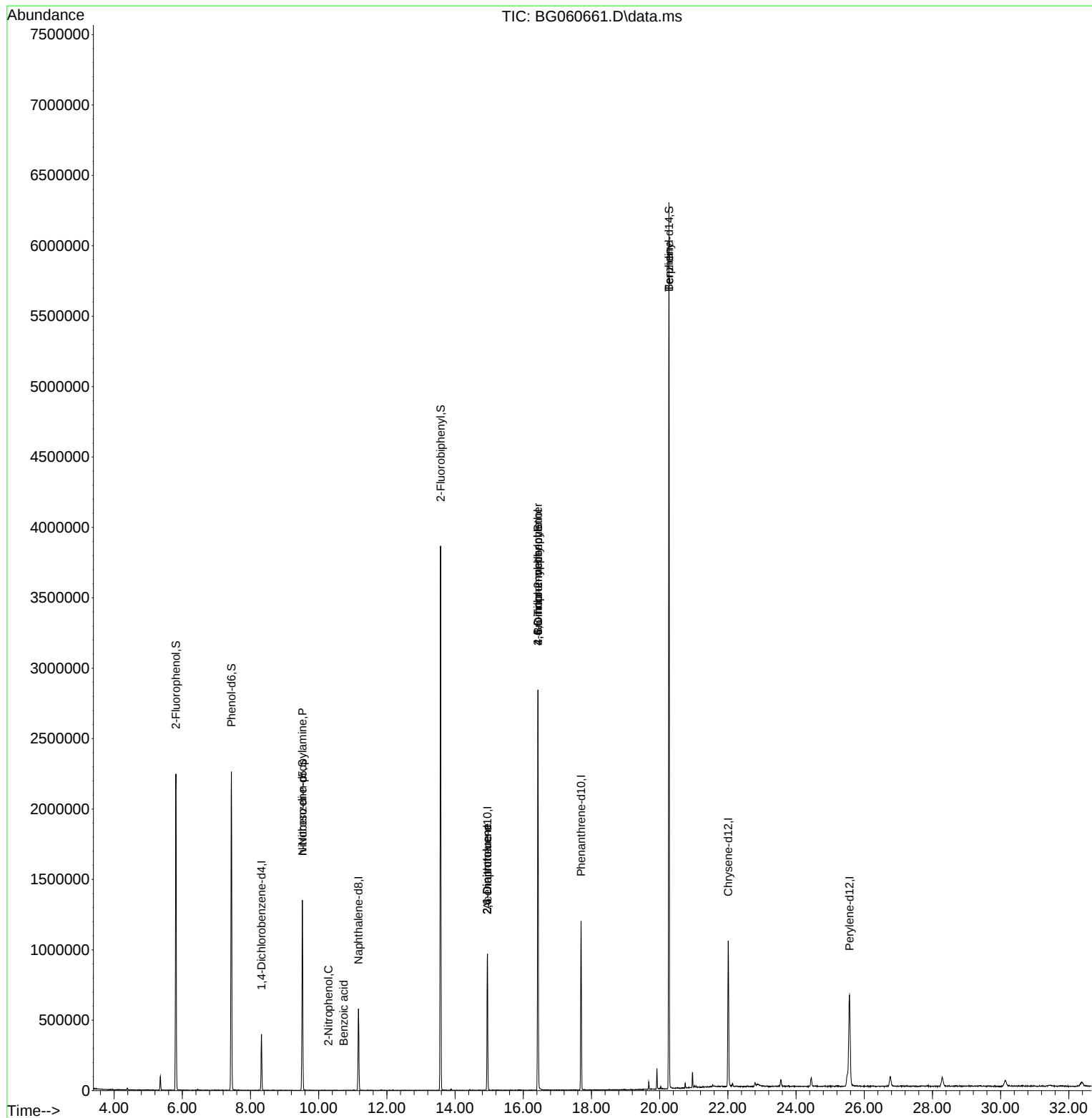
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	102863	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	489230	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	329159	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	755696	20.000	ng	0.00
76) Chrysene-d12	22.013	240	674624	20.000	ng	-0.01
86) Perylene-d12	25.568	264	763693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	920631	140.694	ng	0.00
7) Phenol-d6	7.442	99	1285426	135.421	ng	0.00
23) Nitrobenzene-d5	9.522	82	775146	82.459	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	525584	137.794	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	1946513	79.954	ng	0.00
79) Terphenyl-d14	20.274	244	2928720	78.470	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.522	70	99964	15.193	ng	# 81
26) 2-Nitrophenol	10.286	139	63	2.252	ng	# 23
32) Benzoic acid	10.738	122	55	6.029	ng	# 1
51) 2,6-Dinitrotoluene	14.945	165	43530	9.570	ng	# 18
57) 2,4-Dinitrotoluene	14.945	165	43530	7.607	ng	# 17
65) 4,6-Dinitro-2-methylph...	16.432	198	1700	5.263	ng	# 1
67) 4-Bromophenyl-phenylether	16.432	248	33969	4.168	ng	# 1
77) Benzidine	20.274	184	48357	2.931	ng	# 89

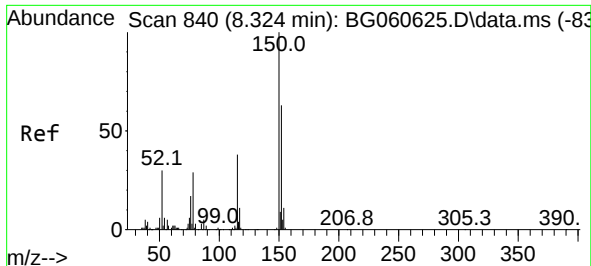
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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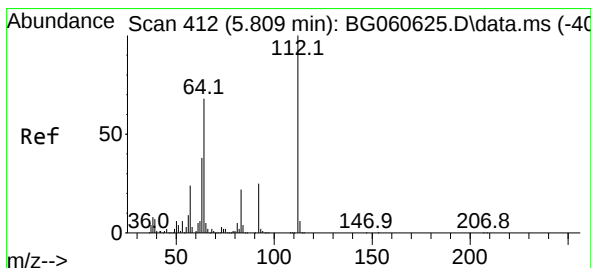
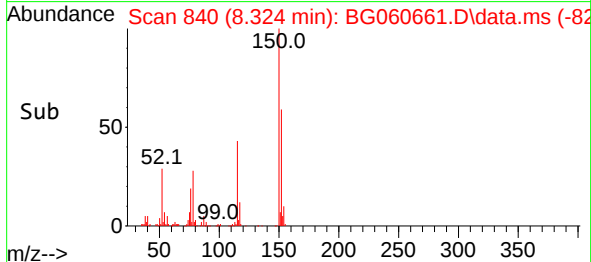
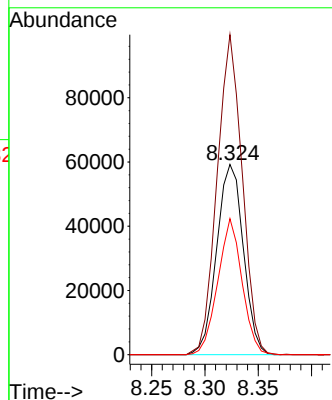
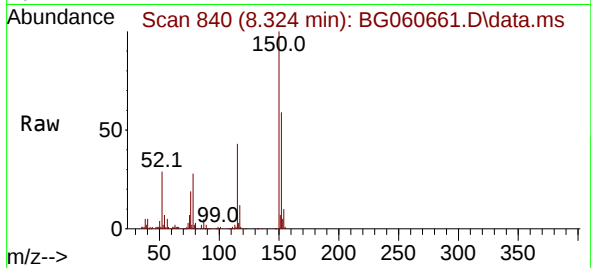




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.324 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

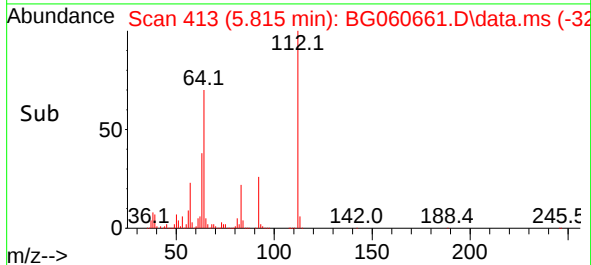
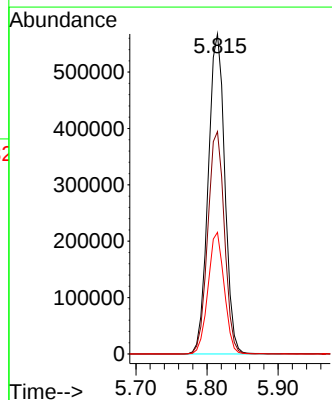
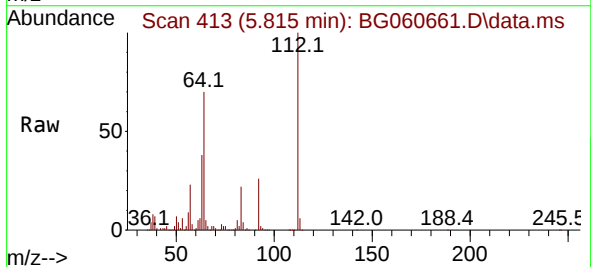
Instrument :
BNA_G
ClientSampleId :
PB159608BL

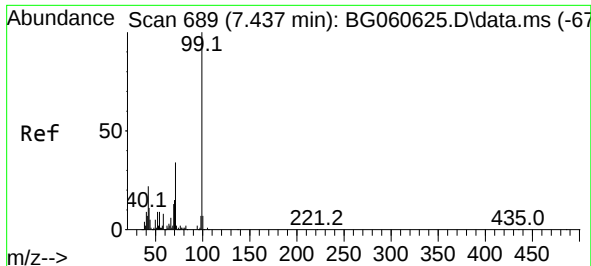
Tgt Ion:152 Resp: 102863
Ion Ratio Lower Upper
152 100
150 168.2 126.6 190.0
115 71.5 47.8 71.8



#5
2-Fluorophenol
Concen: 140.694 ng
RT: 5.815 min Scan# 413
Delta R.T. 0.006 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

Tgt Ion:112 Resp: 920631
Ion Ratio Lower Upper
112 100
64 69.5 54.1 81.1
63 38.0 30.3 45.5

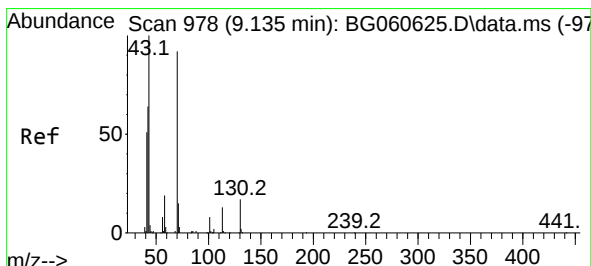
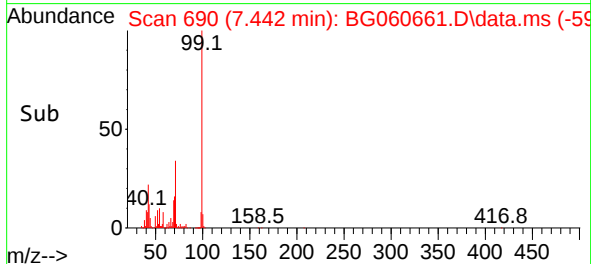
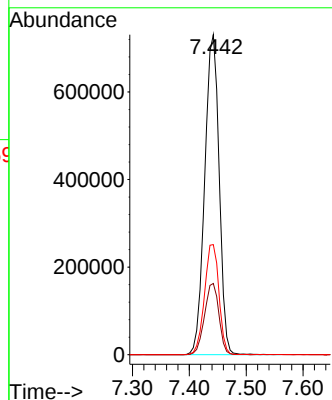
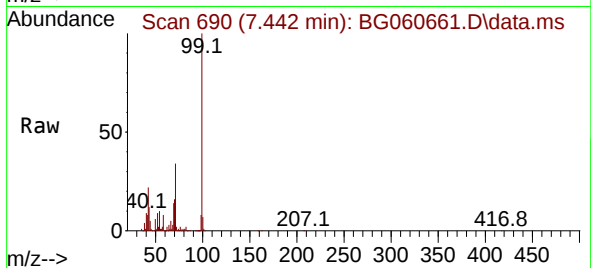




#7
Phenol-d6
Concen: 135.421 ng
RT: 7.442 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

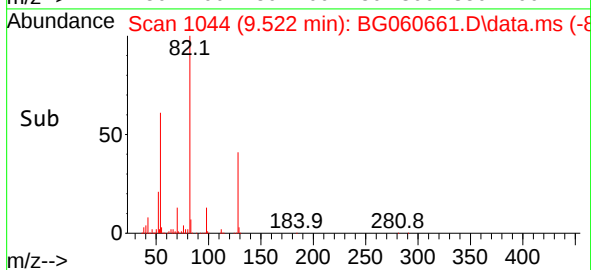
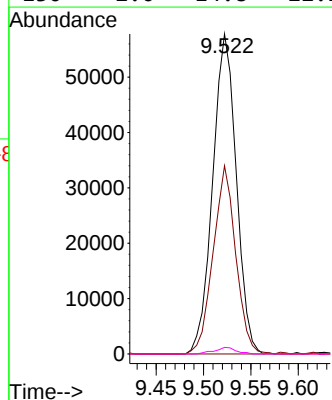
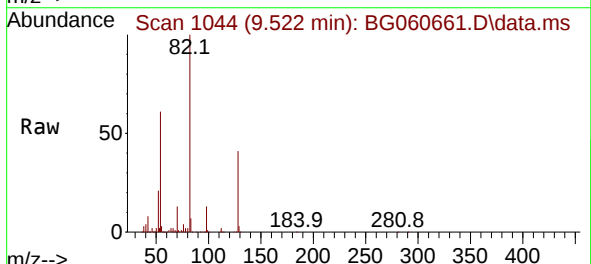
Instrument :
BNA_G
ClientSampleId :
PB159608BL

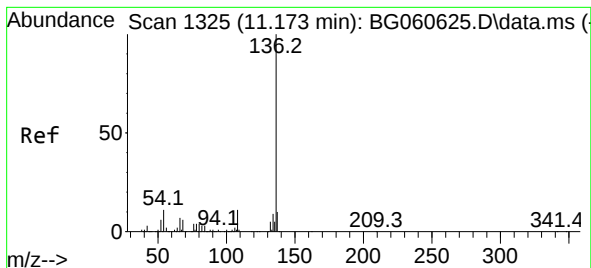
Tgt Ion: 99 Resp: 1285426
Ion Ratio Lower Upper
99 100
42 22.2 17.5 26.3
71 34.4 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.193 ng
RT: 9.522 min Scan# 1044
Delta R.T. 0.387 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

Tgt Ion: 70 Resp: 99964
Ion Ratio Lower Upper
70 100
42 58.8 56.2 84.2
101 0.0 7.4 11.0#
130 2.0 14.8 22.2#

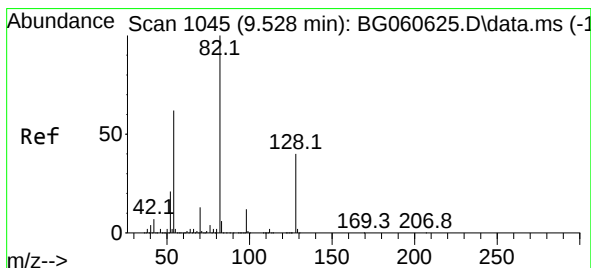
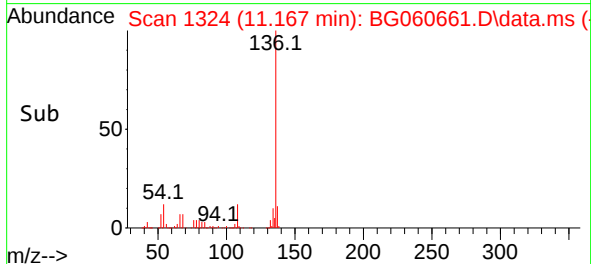
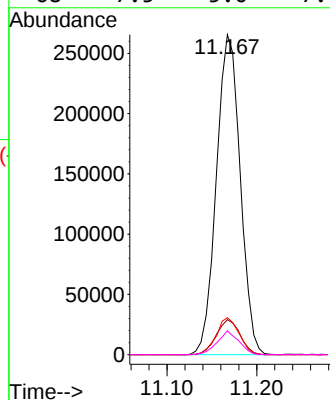
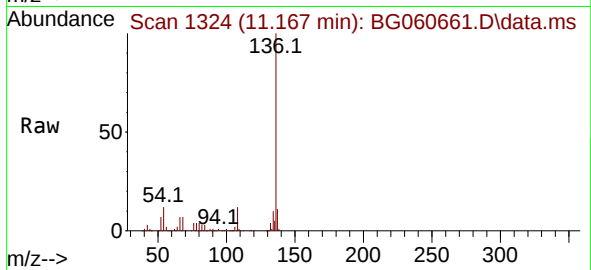




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

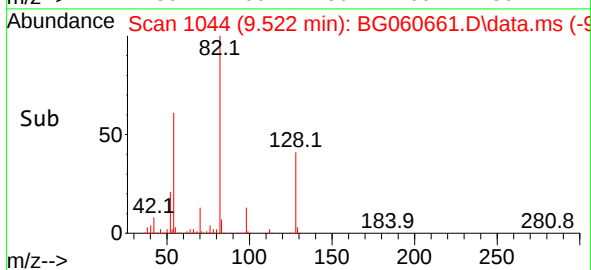
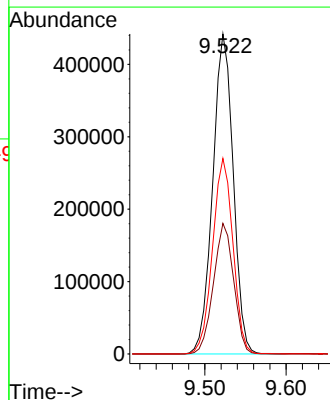
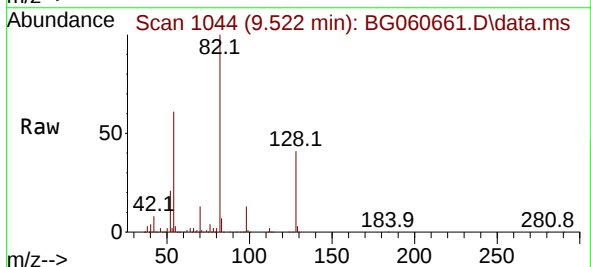
Instrument :
BNA_G
ClientSampleId :
PB159608BL

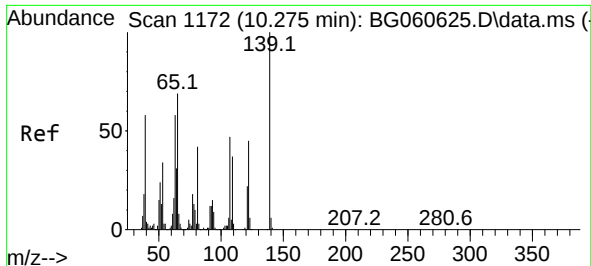
Tgt Ion:136 Resp: 489230
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 11.6 8.5 12.7
68 7.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 82.459 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

Tgt Ion: 82 Resp: 775146
Ion Ratio Lower Upper
82 100
128 40.8 31.6 47.4
54 61.1 49.3 73.9

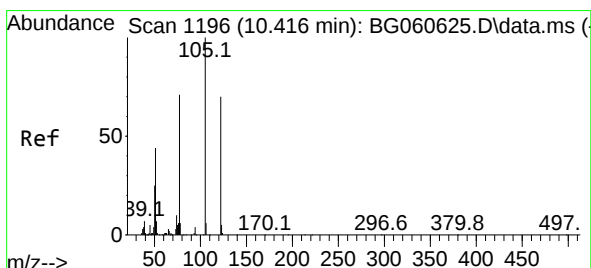
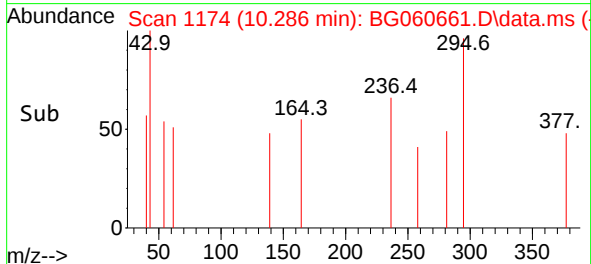
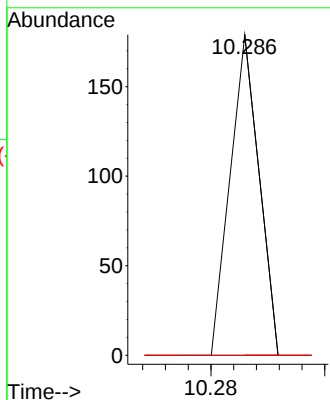
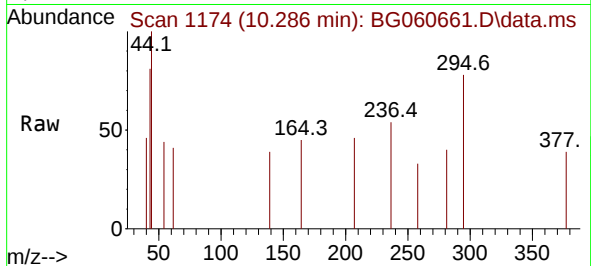




#26
2-Nitrophenol
Concen: 2.252 ng
RT: 10.286 min Scan# 1174
Delta R.T. 0.011 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

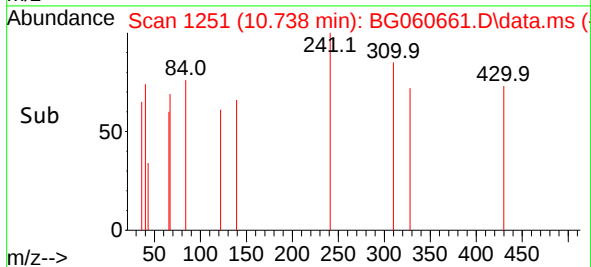
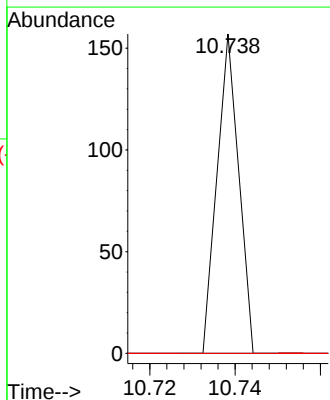
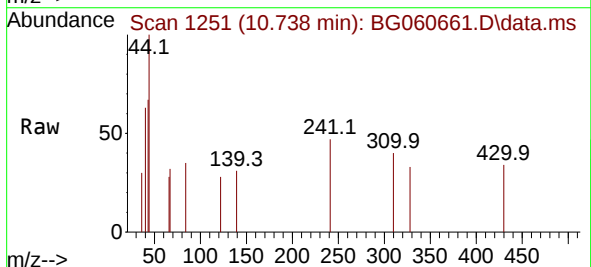
Instrument :
BNA_G
ClientSampleId :
PB159608BL

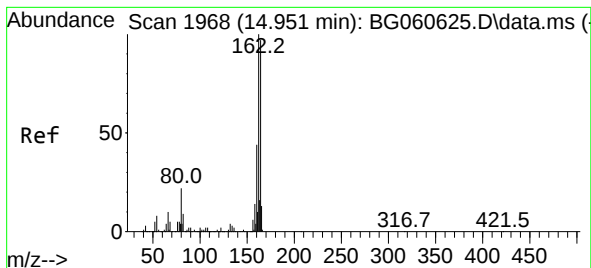
Tgt Ion:139 Resp: 63
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.029 ng
RT: 10.738 min Scan# 1251
Delta R.T. 0.322 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.951 min Scan# 1968

Delta R.T. -0.000 min

Lab File: BG060661.D

Acq: 15 Mar 2024 12:24

Instrument :

BNA_G

ClientSampleId :

PB159608BL

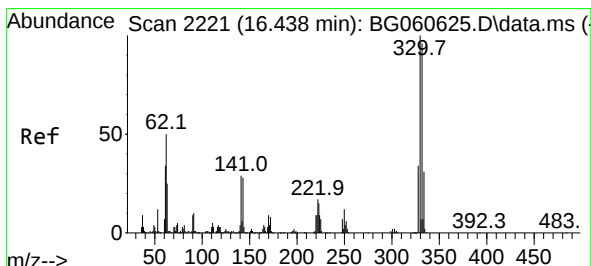
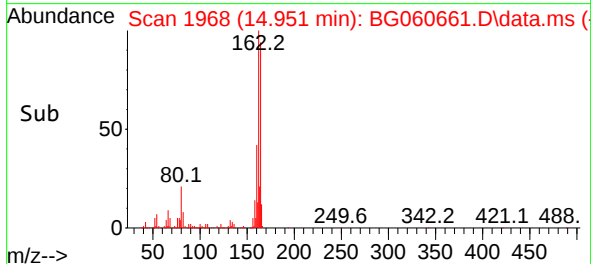
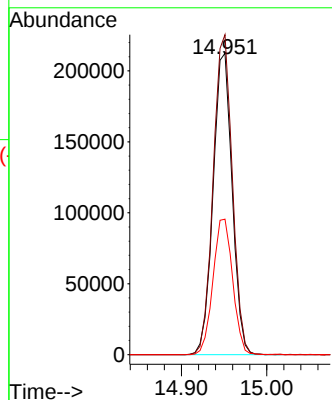
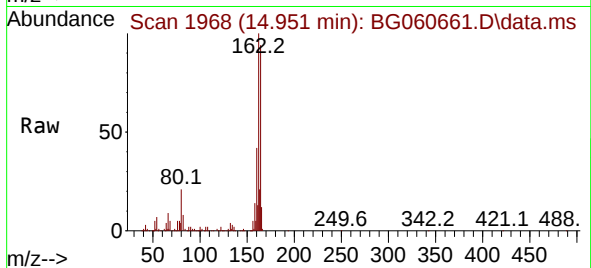
Tgt Ion:164 Resp: 329159

Ion Ratio Lower Upper

164 100

162 106.2 82.5 123.7

160 45.0 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 137.794 ng

RT: 16.432 min Scan# 2220

Delta R.T. -0.006 min

Lab File: BG060661.D

Acq: 15 Mar 2024 12:24

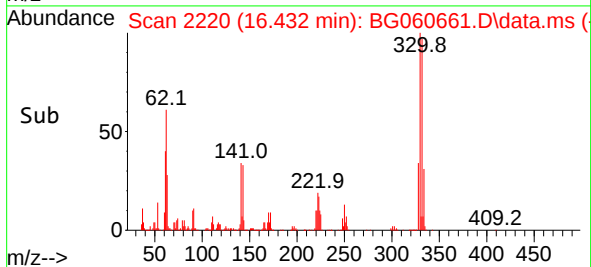
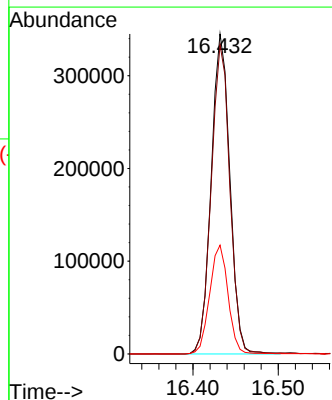
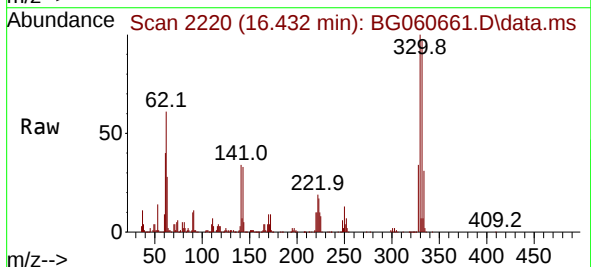
Tgt Ion:330 Resp: 525584

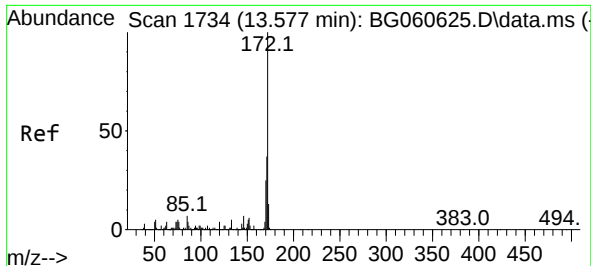
Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.8

141 33.6 25.4 38.2

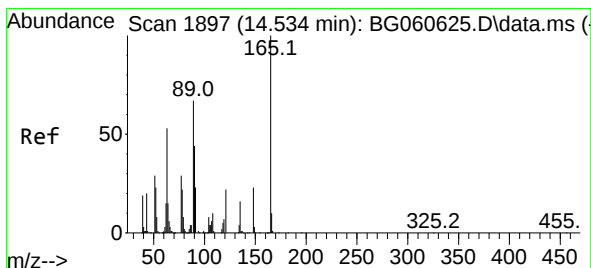
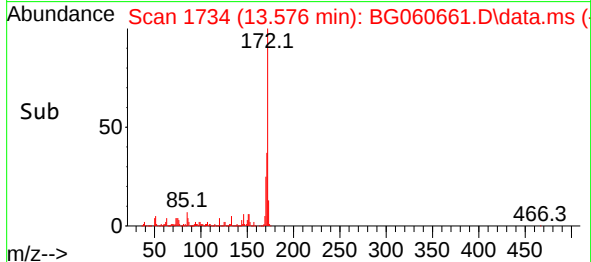
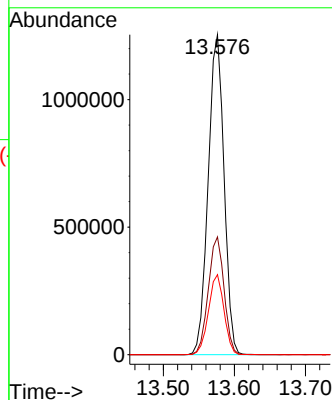
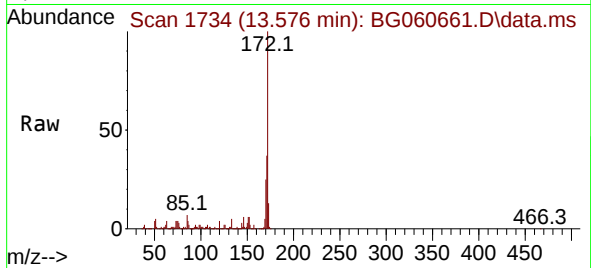




#45
2-Fluorobiphenyl
Concen: 79.954 ng
RT: 13.576 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

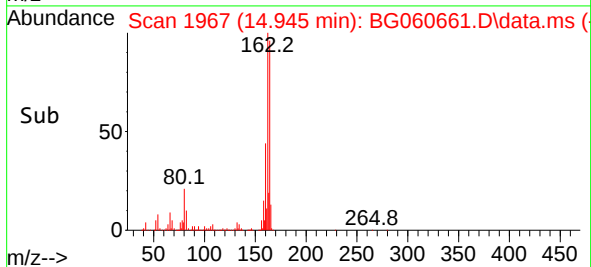
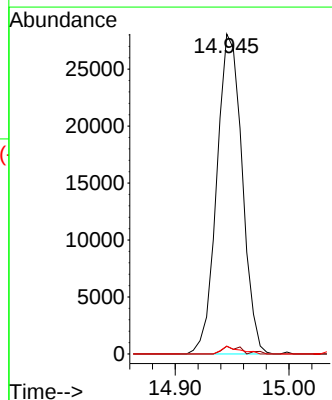
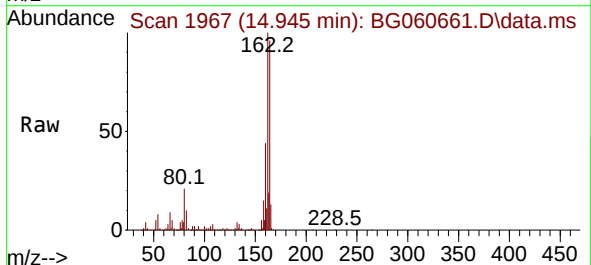
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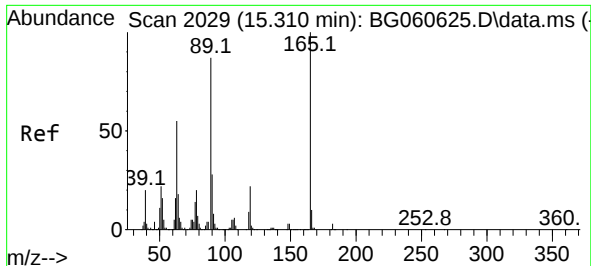
Tgt Ion:172 Resp: 1946513
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 25.0 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.570 ng
RT: 14.945 min Scan# 1967
Delta R.T. 0.411 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

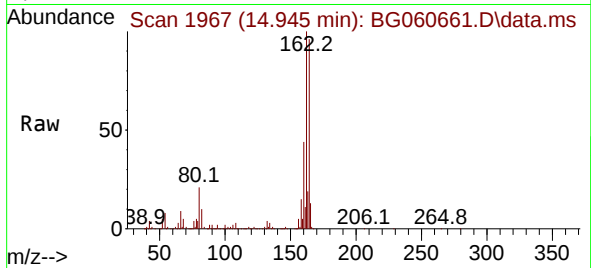
Tgt Ion:165 Resp: 43530
Ion Ratio Lower Upper
165 100
63 2.4 55.8 83.6#
89 2.5 54.1 81.1#



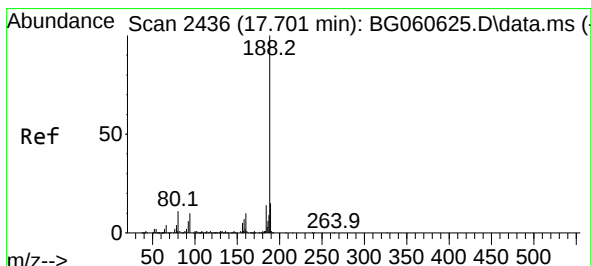
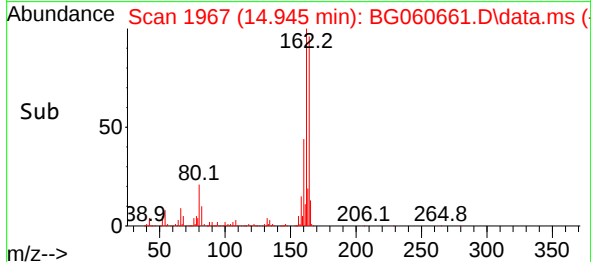
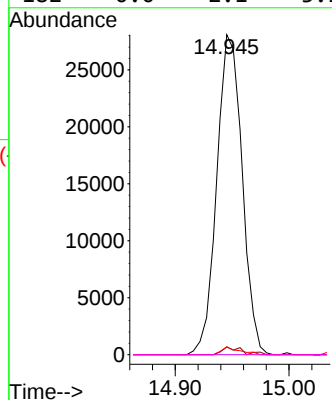


#57
2,4-Dinitrotoluene
Concen: 7.607 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.365 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

Instrument :
BNA_G
ClientSampleId :
PB159608BL

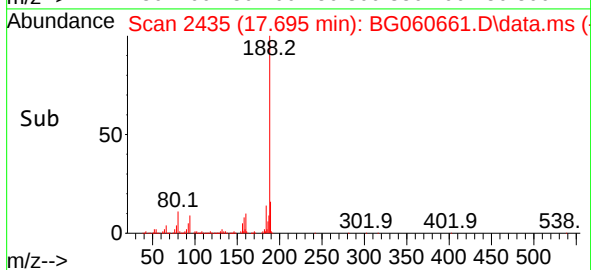
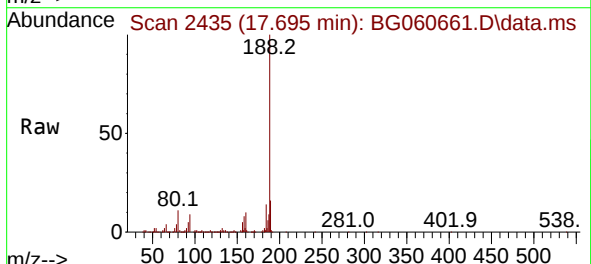
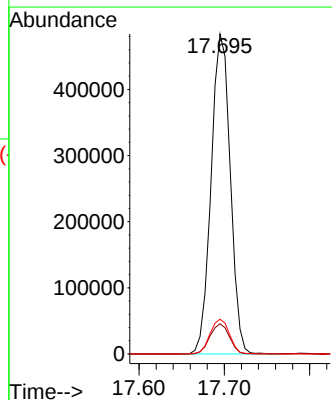


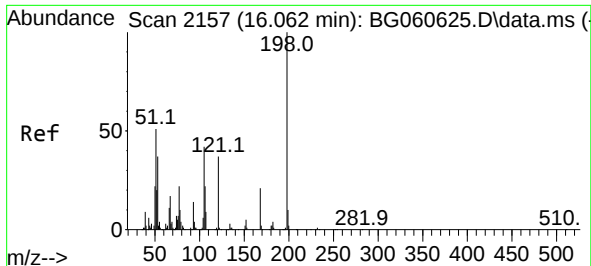
Tgt Ion:165 Resp: 43530
Ion Ratio Lower Upper
165 100
63 2.4 44.1 66.1#
89 2.5 69.7 104.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

Tgt Ion:188 Resp: 755696
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.8 8.6 13.0

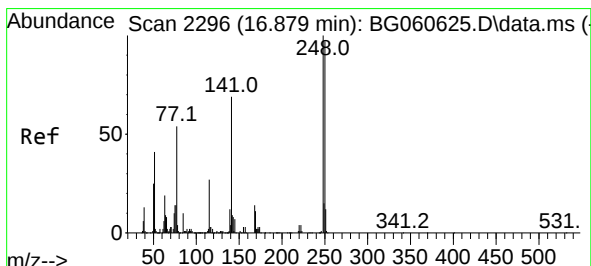
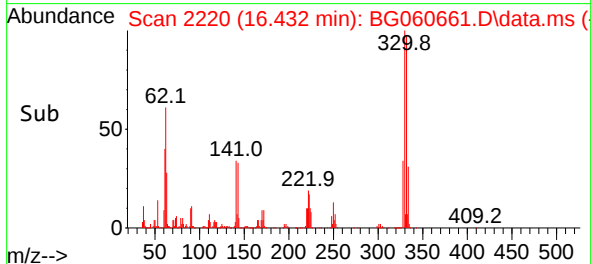
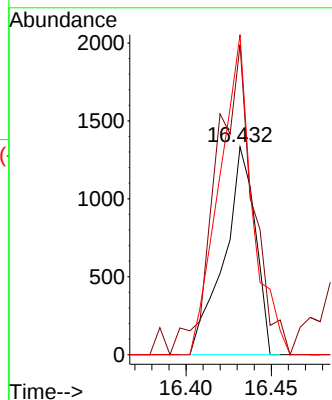
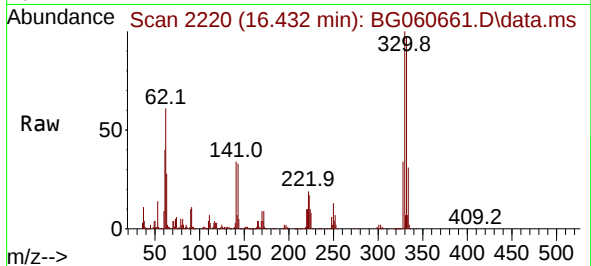




#65
4,6-Dinitro-2-methylphenol
Concen: 5.263 ng
RT: 16.432 min Scan# 2157
Delta R.T. 0.370 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

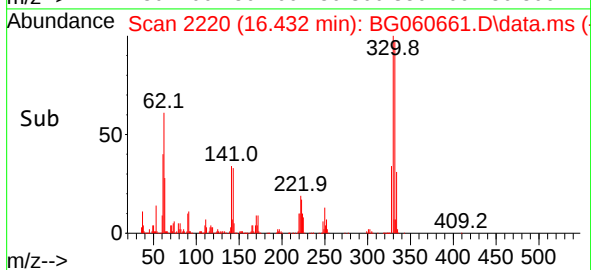
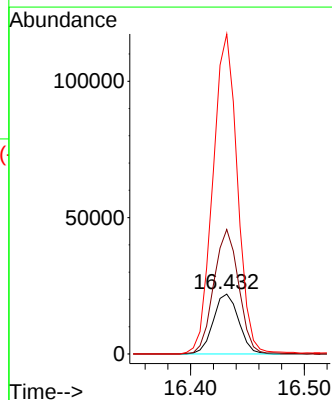
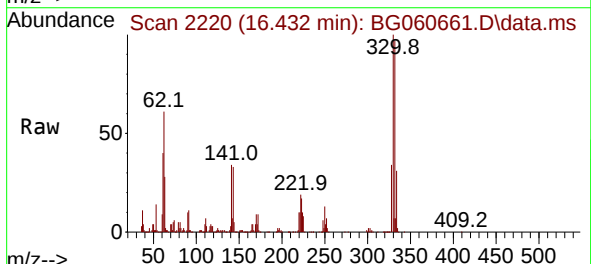
Instrument :
BNA_G
ClientSampleId :
PB159608BL

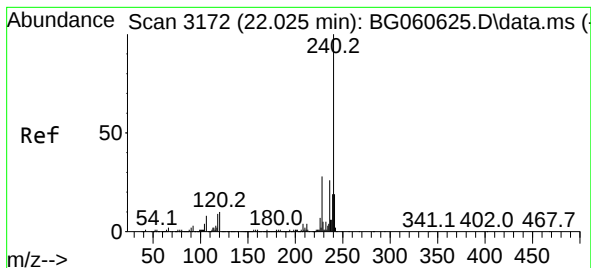
Tgt Ion:198 Resp: 1700
Ion Ratio Lower Upper
198 100
51 149.2 36.9 76.9#
105 154.1 22.4 62.4#



#67
4-Bromophenyl-phenylether
Concen: 4.168 ng
RT: 16.432 min Scan# 2220
Delta R.T. -0.447 min
Lab File: BG060661.D
Acq: 15 Mar 2024 12:24

Tgt Ion:248 Resp: 33969
Ion Ratio Lower Upper
248 100
250 207.9 77.8 116.6#
141 534.3 55.1 82.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG060661.D

Acq: 15 Mar 2024 12:24

Instrument :

BNA_G

ClientSampleId :

PB159608BL

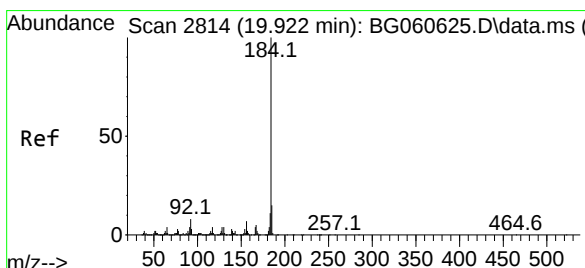
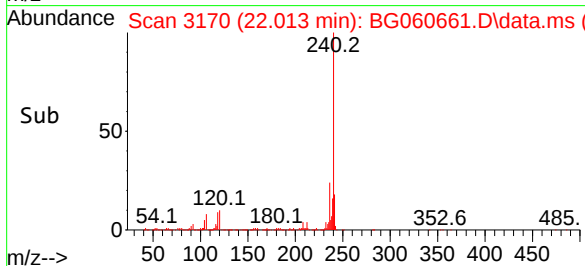
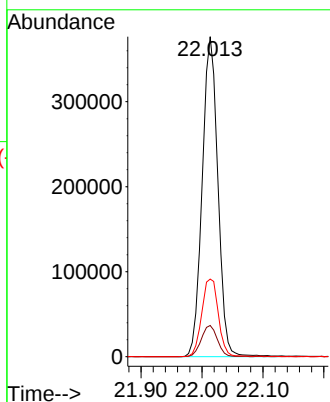
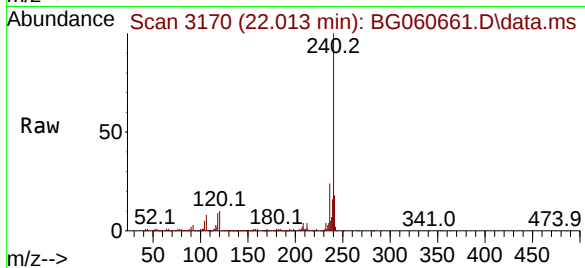
Tgt Ion:240 Resp: 674624

Ion Ratio Lower Upper

240 100

120 9.8 7.8 11.8

236 24.3 20.6 31.0



#77

Benzidine

Concen: 2.931 ng

RT: 20.274 min Scan# 2874

Delta R.T. 0.352 min

Lab File: BG060661.D

Acq: 15 Mar 2024 12:24

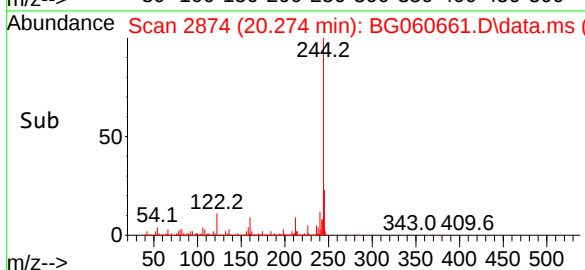
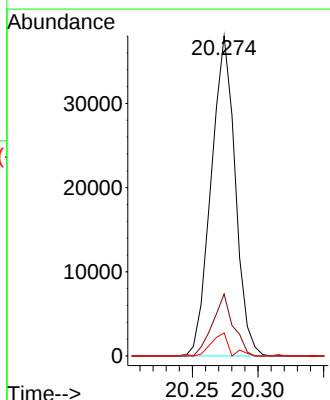
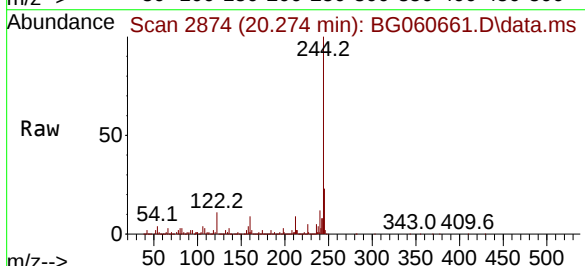
Tgt Ion:184 Resp: 48357

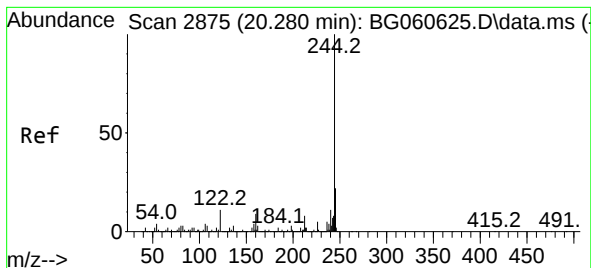
Ion Ratio Lower Upper

184 100

185 19.4 11.7 17.5#

183 7.2 9.2 13.8#





#79

Terphenyl-d14

Concen: 78.470 ng

RT: 20.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060661.D

Acq: 15 Mar 2024 12:24

Instrument :

BNA_G

ClientSampleId :

PB159608BL

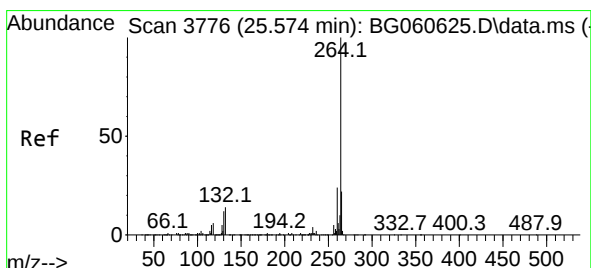
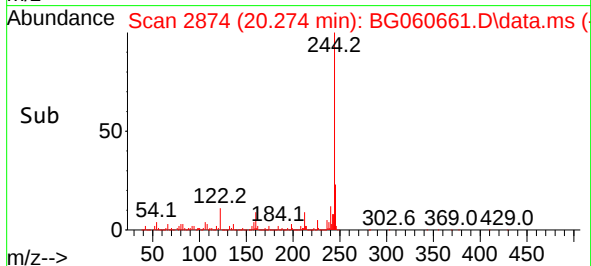
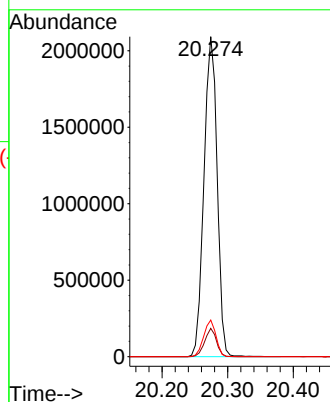
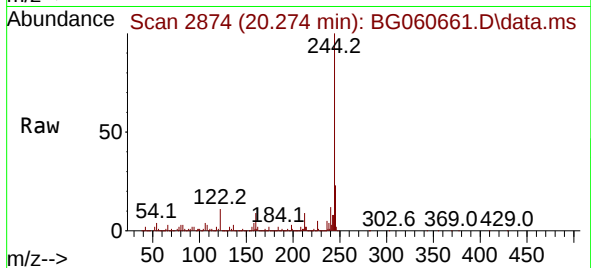
Tgt Ion:244 Resp: 2928720

Ion Ratio Lower Upper

244 100

212 8.9 6.6 9.8

122 11.5 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.568 min Scan# 3775

Delta R.T. -0.006 min

Lab File: BG060661.D

Acq: 15 Mar 2024 12:24

Tgt Ion:264 Resp: 763693

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.5 18.1 27.1

