

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031924\
 Data File : BG060678.D
 Acq On : 19 Mar 2024 11:46
 Operator : MA/JU
 Sample : PB159643BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159643BL

Quant Time: Mar 19 18:27:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 18 14:26:31 2024
 Response via : Initial Calibration

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

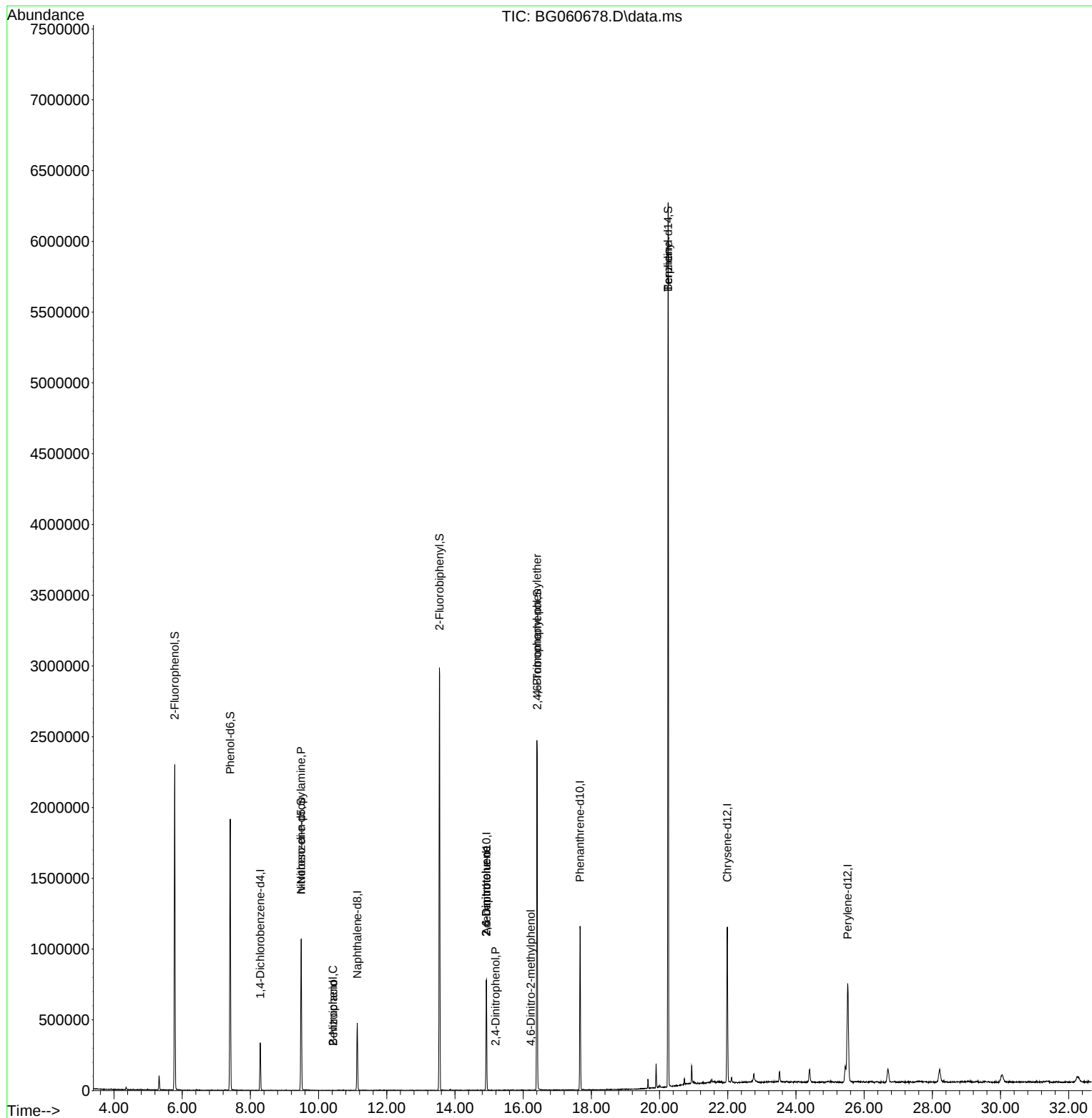
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.290	152	87731	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	391433	20.000	ng	0.00
39) Acenaphthene-d10	14.923	164	263379	20.000	ng	0.00
64) Phenanthrene-d10	17.667	188	703885	20.000	ng	0.00
76) Chrysene-d12	21.986	240	678359	20.000	ng	0.00
86) Perylene-d12	25.517	264	789113	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	909148	162.904	ng	0.00
7) Phenol-d6	7.408	99	1045305	129.119	ng	0.00
23) Nitrobenzene-d5	9.488	82	594284	79.014	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	451441	147.916	ng	0.00
45) 2-Fluorobiphenyl	13.548	172	1547952	79.463	ng	0.00
79) Terphenyl-d14	20.252	244	2918277	77.760	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.488	70	74524	13.280	ng	# 81
26) 2-Nitrophenol	10.423	139	59	2.255	ng	# 23
32) Benzoic acid	10.428	122	92	6.039	ng	# 1
51) 2,6-Dinitrotoluene	14.917	165	35689	9.805	ng	# 16
54) 2,4-Dinitrophenol	15.193	184	65	6.876	ng	# 17
57) 2,4-Dinitrotoluene	14.917	165	35689	7.794	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.222	198	54	4.830	ng	# 27
67) 4-Bromophenyl-phenylether	16.404	248	29356	3.867	ng	# 1
77) Benzidine	20.252	184	51790	3.121	ng	# 92

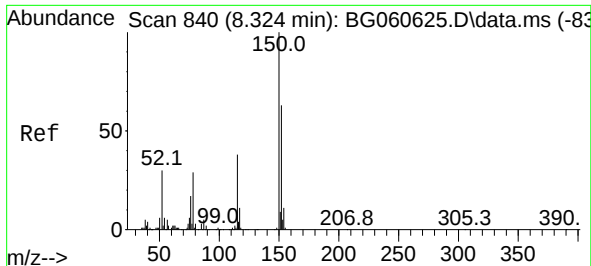
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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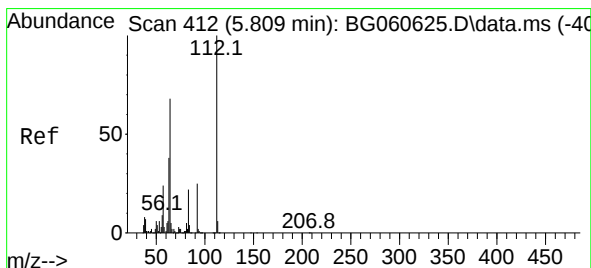
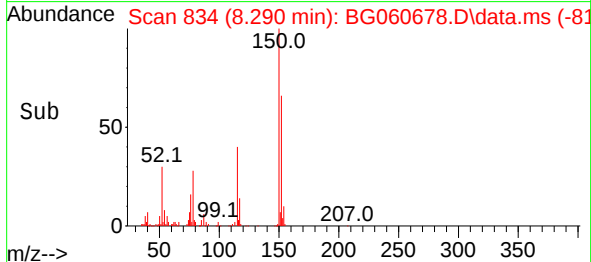
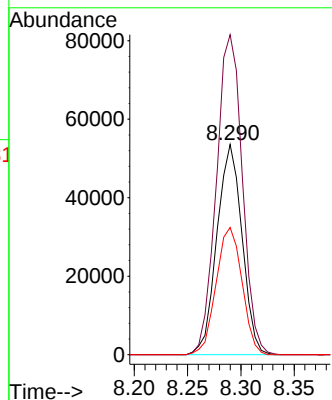
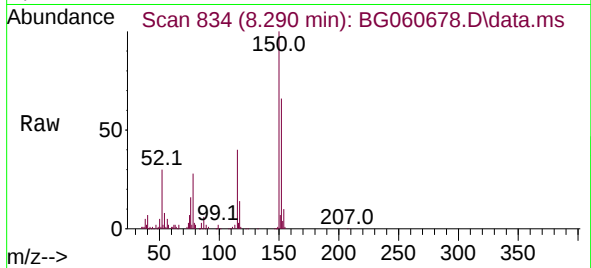




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.290 min Scan# 840
 Delta R.T. 0.002 min
 Lab File: BG060678.D
 Acq: 19 Mar 2024 11:46

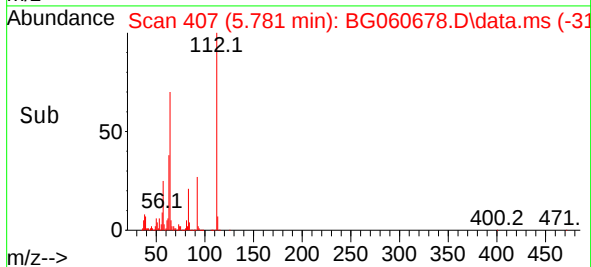
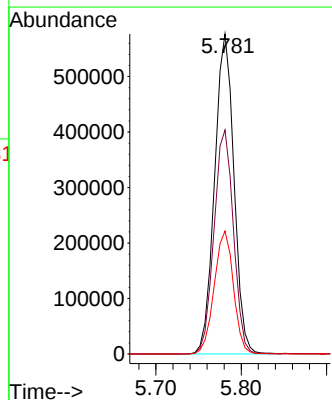
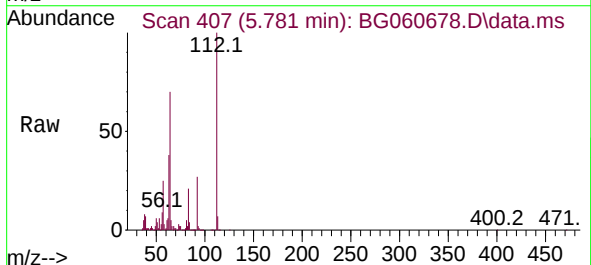
Instrument :
 BNA_G
 ClientSampleId :
 PB159643BL

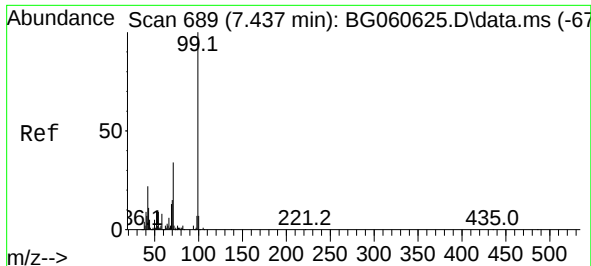
Tgt Ion:152 Resp: 87731
 Ion Ratio Lower Upper
 152 100
 150 152.2 126.6 190.0
 115 60.5 47.8 71.8



#5
 2-Fluorophenol
 Concen: 162.904 ng
 RT: 5.781 min Scan# 407
 Delta R.T. 0.002 min
 Lab File: BG060678.D
 Acq: 19 Mar 2024 11:46

Tgt Ion:112 Resp: 909148
 Ion Ratio Lower Upper
 112 100
 64 70.0 54.1 81.1
 63 38.4 30.3 45.5

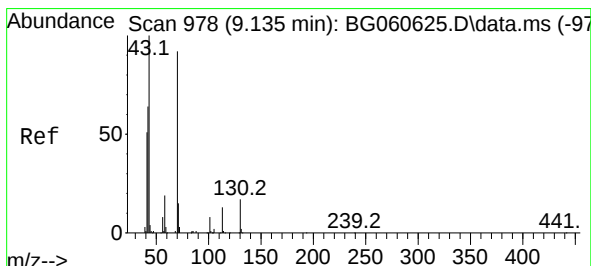
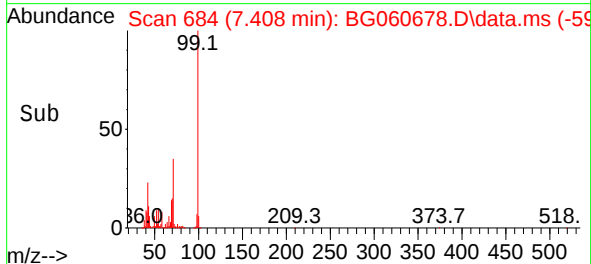
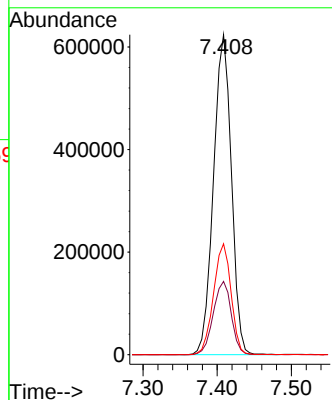
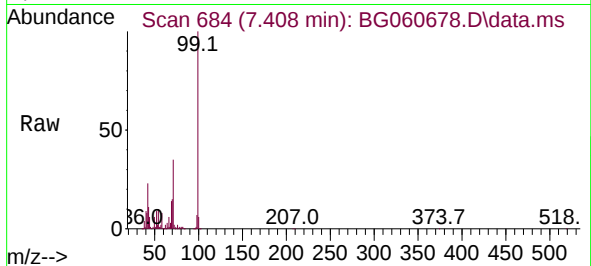




#7
Phenol-d6
Concen: 129.119 ng
RT: 7.408 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

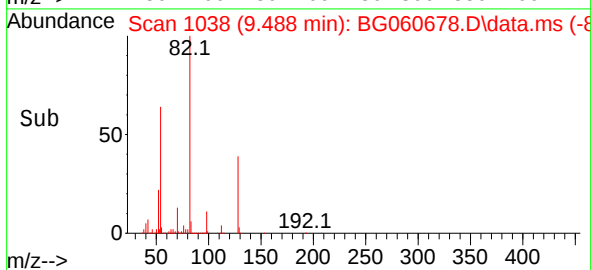
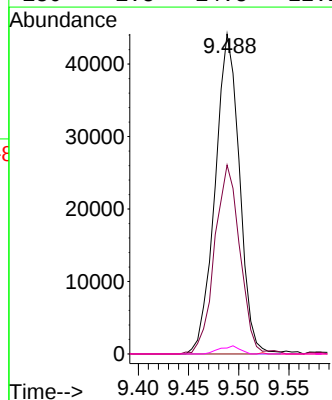
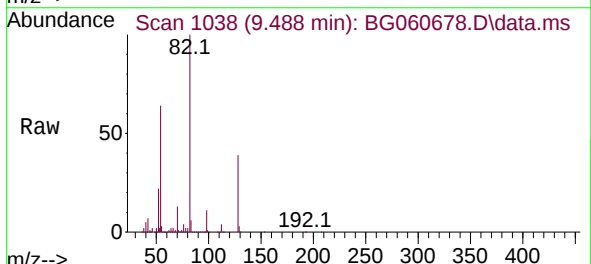
Instrument :
BNA_G
ClientSampleId :
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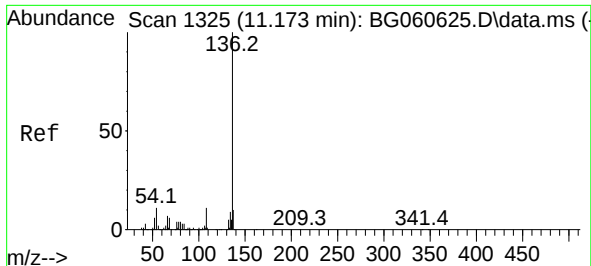
Tgt Ion: 99 Resp: 1045305
Ion Ratio Lower Upper
99 100
42 22.9 17.5 26.3
71 34.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.280 ng
RT: 9.488 min Scan# 1038
Delta R.T. 0.389 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Tgt Ion: 70 Resp: 74524
Ion Ratio Lower Upper
70 100
42 59.1 56.2 84.2
101 0.0 7.4 11.0#
130 1.8 14.8 22.2#

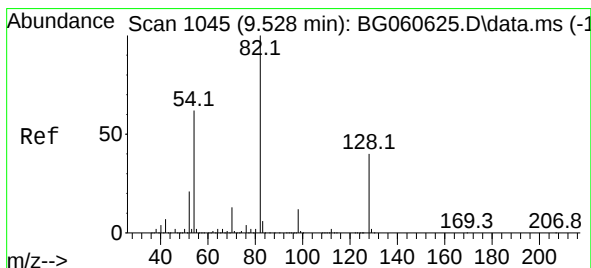
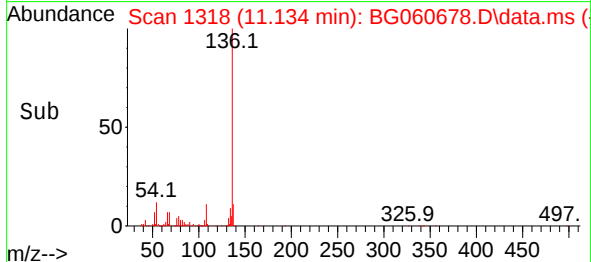
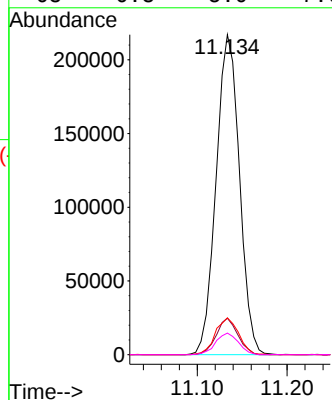
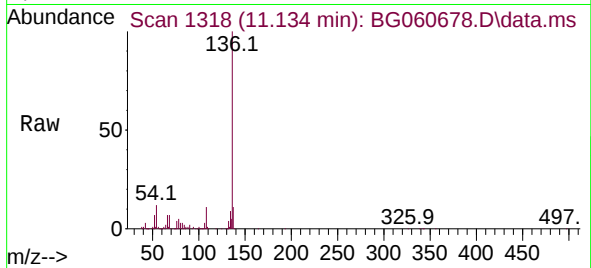




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

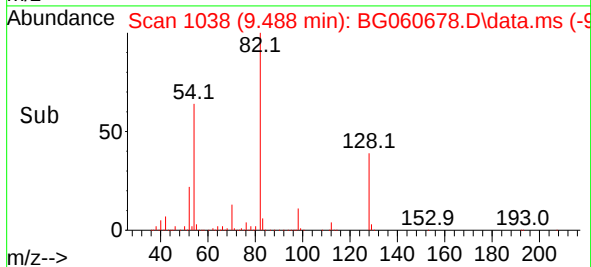
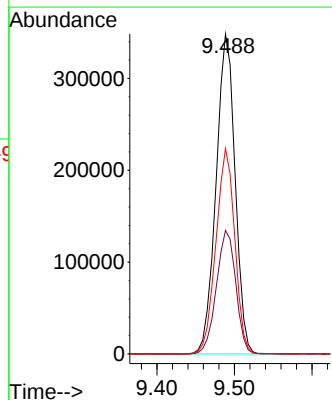
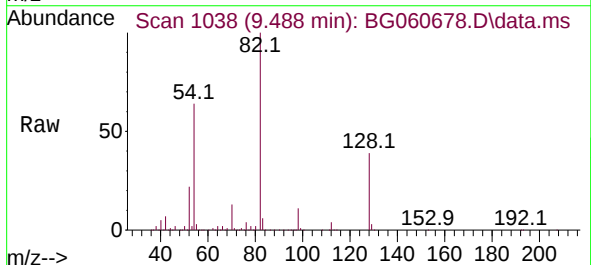
Instrument :
BNA_G
ClientSampleId :
PB159643BL

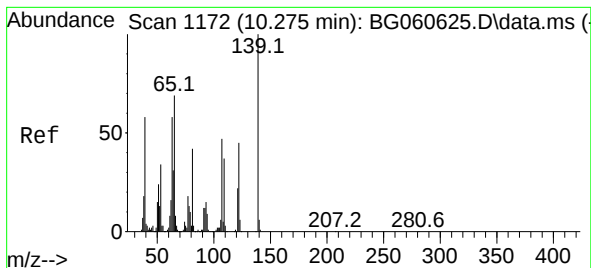
Tgt Ion:136 Resp: 391433
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 11.5 8.5 12.7
68 6.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 79.014 ng
RT: 9.488 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Tgt Ion: 82 Resp: 594284
Ion Ratio Lower Upper
82 100
128 38.6 31.6 47.4
54 64.2 49.3 73.9

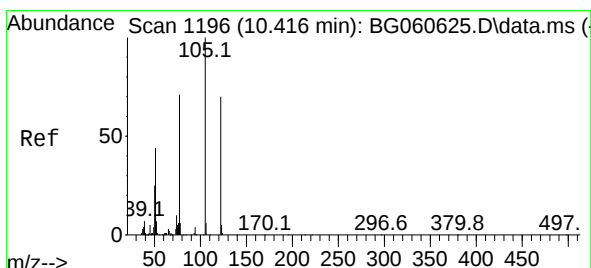
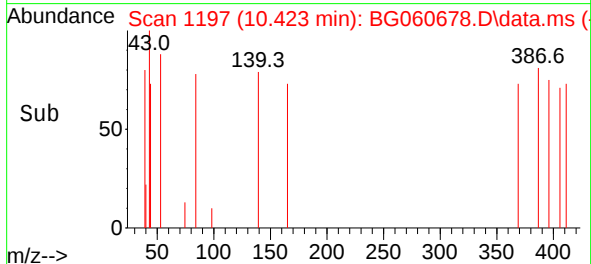
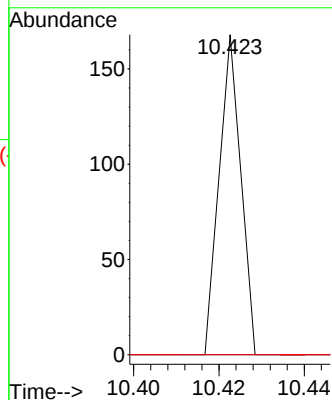
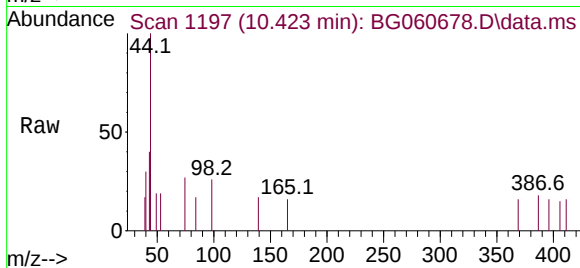




#26
2-Nitrophenol
Concen: 2.255 ng
RT: 10.423 min Scan# 1172
Delta R.T. 0.184 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

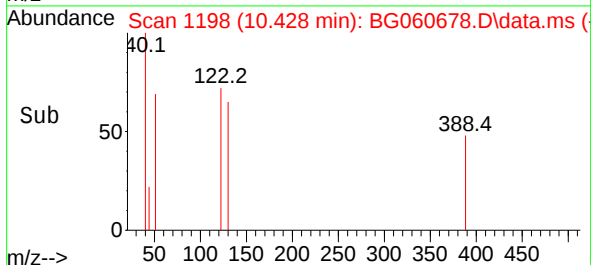
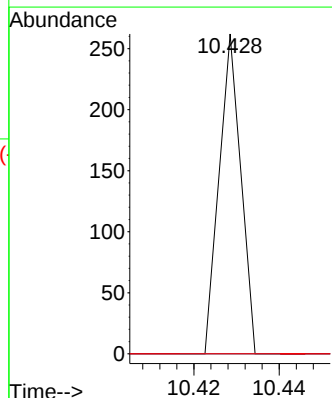
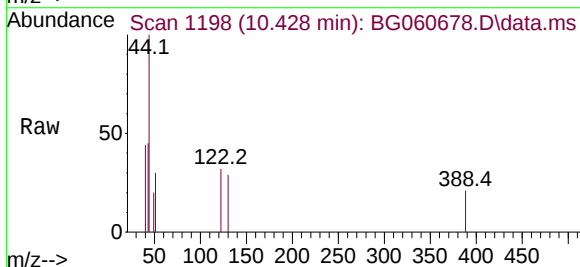
Instrument :
BNA_G
ClientSampleId :
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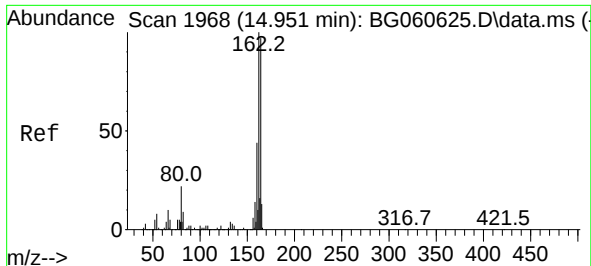
Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.039 ng
RT: 10.428 min Scan# 1198
Delta R.T. 0.060 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Tgt Ion:122 Resp: 92
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: 14.923 min Scan# 1963

Delta R.T. -0.004 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

Instrument :

BNA_G

ClientSampleId :

PB159643BL

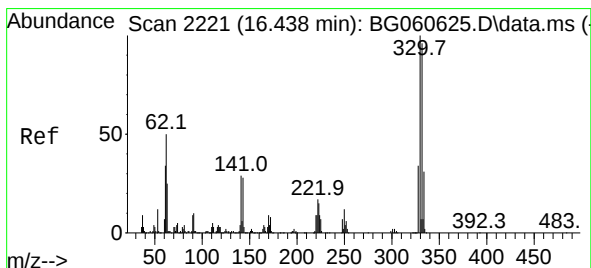
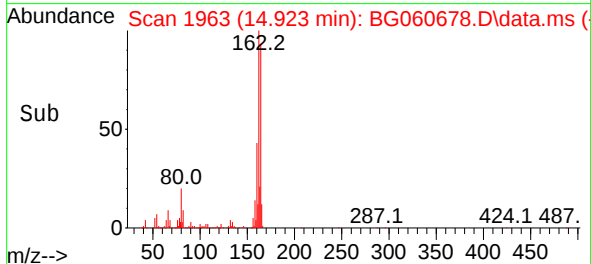
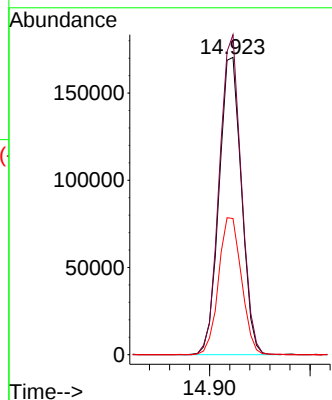
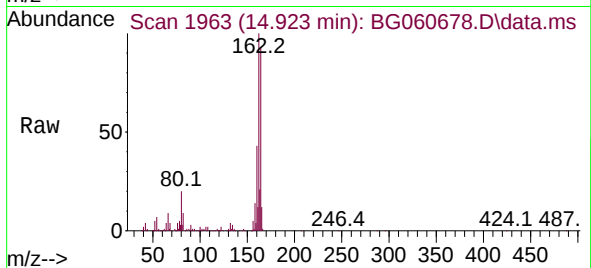
Tgt Ion:164 Resp: 263379

Ion Ratio Lower Upper

164 100

162 107.6 82.5 123.7

160 45.8 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 147.916 ng

RT: 16.410 min Scan# 2216

Delta R.T. 0.002 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

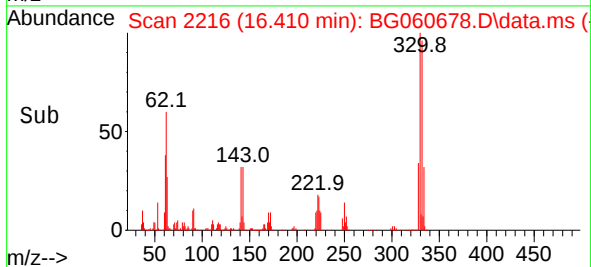
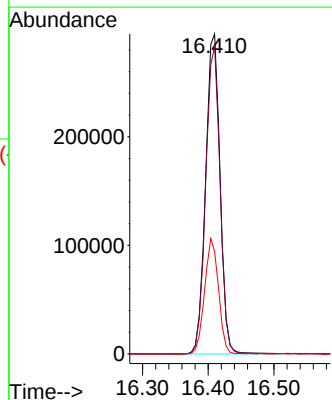
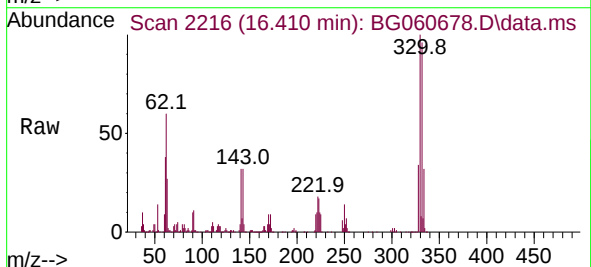
Tgt Ion:330 Resp: 451441

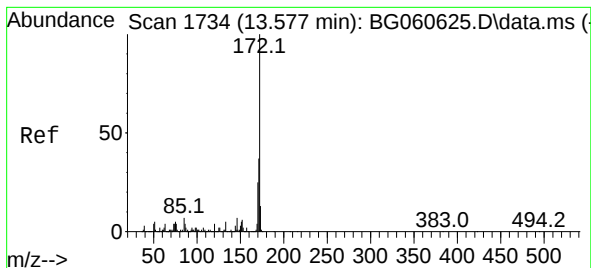
Ion Ratio Lower Upper

330 100

332 95.5 77.8 116.8

141 34.8 25.4 38.2

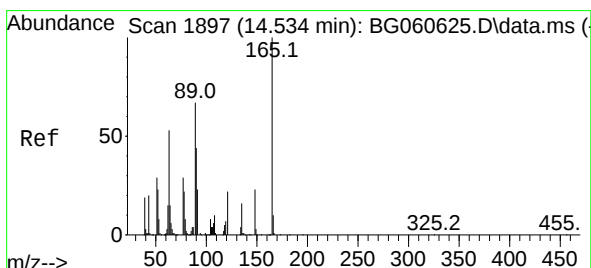
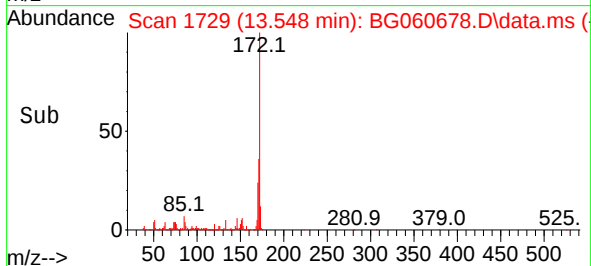
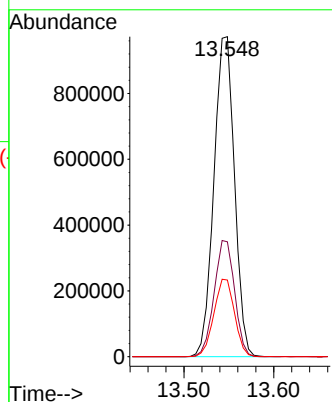
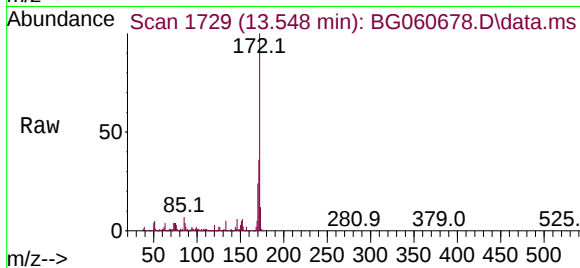




#45
2-Fluorobiphenyl
Concen: 79.463 ng
RT: 13.548 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

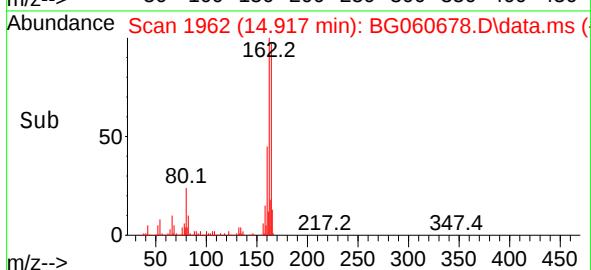
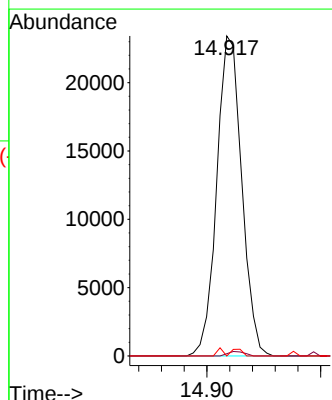
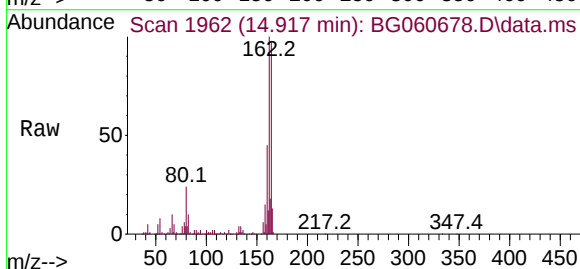
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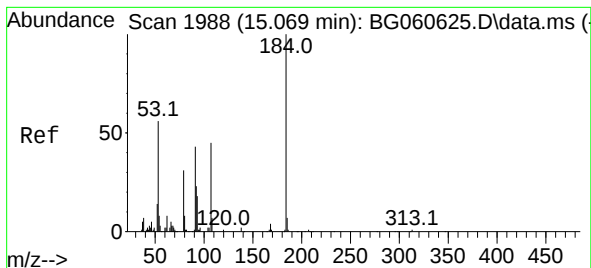
Tgt Ion:172 Resp: 1547952
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 24.0 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.805 ng
RT: 14.917 min Scan# 1962
Delta R.T. 0.407 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Tgt Ion:165 Resp: 35689
Ion Ratio Lower Upper
165 100
63 0.7 55.8 83.6#
89 0.0 54.1 81.1#





#54

2,4-Dinitrophenol

Concen: 6.876 ng

RT: 15.193 min Scan# 20

Delta R.T. 0.148 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

Instrument :

BNA_G

ClientSampleId :

PB159643BL

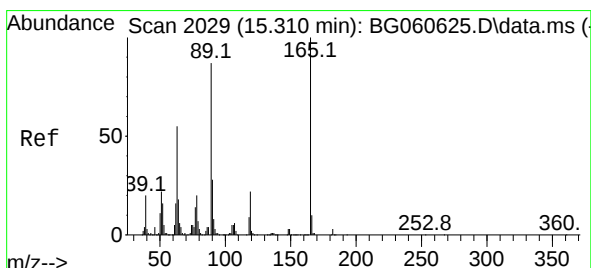
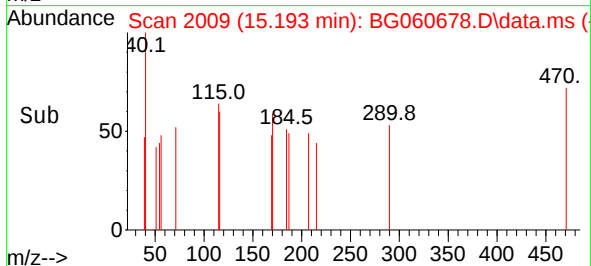
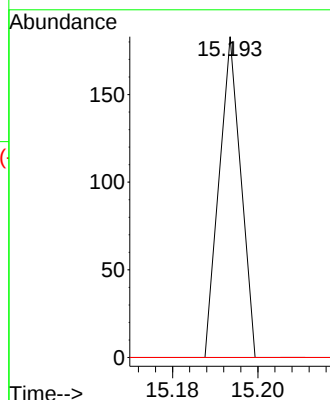
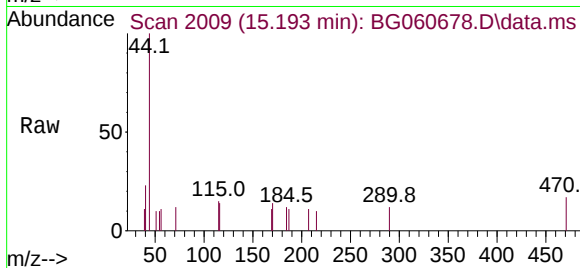
Tgt Ion:184 Resp: 65

Ion Ratio Lower Upper

184 100

63 0.0 54.4 81.6#

154 0.0 50.4 75.6#



#57

2,4-Dinitrotoluene

Concen: 7.794 ng

RT: 14.917 min Scan# 1962

Delta R.T. -0.369 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

Tgt Ion:165 Resp: 35689

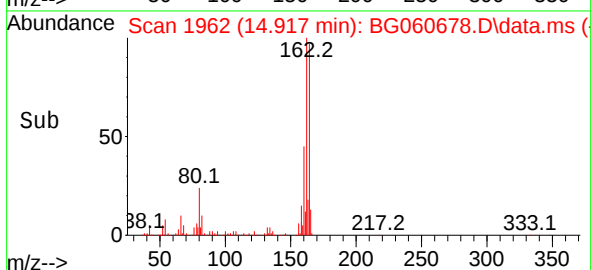
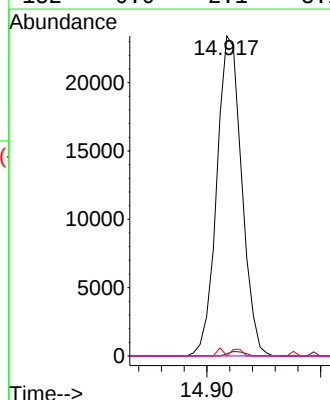
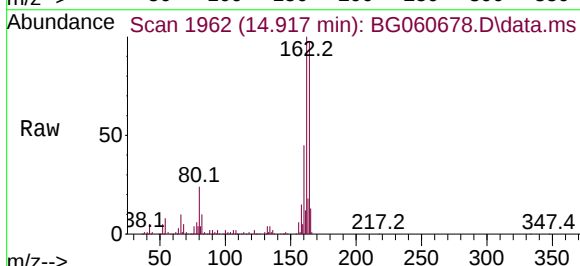
Ion Ratio Lower Upper

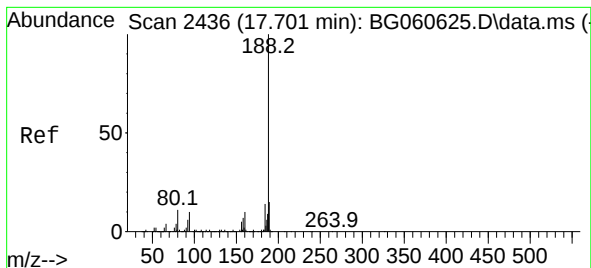
165 100

63 0.7 44.1 66.1#

89 0.0 69.7 104.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.667 min Scan# 2436

Delta R.T. -0.004 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

Instrument :

BNA_G

ClientSampleId :

PB159643BL

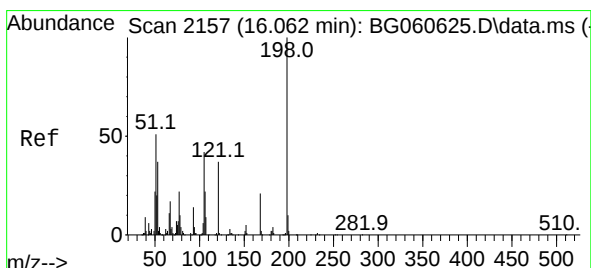
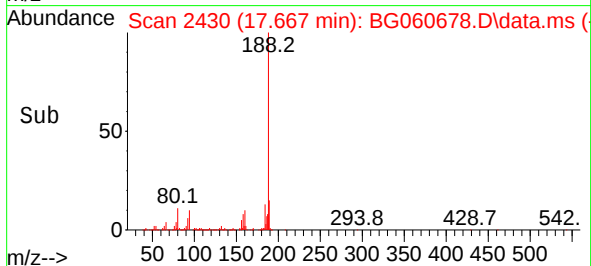
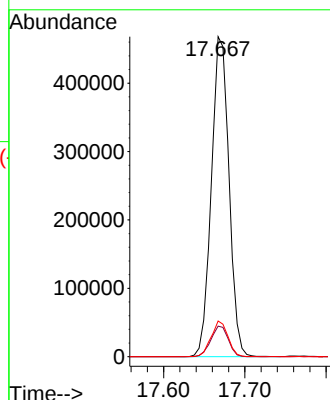
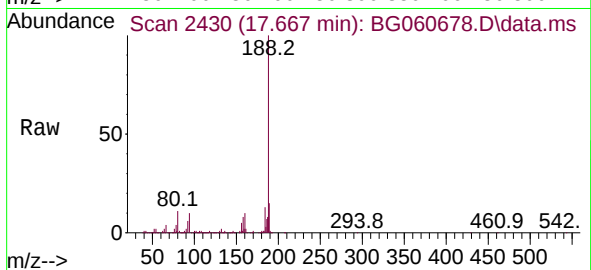
Tgt Ion:188 Resp: 703885

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 11.1 8.6 13.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.830 ng

RT: 16.222 min Scan# 2184

Delta R.T. 0.184 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

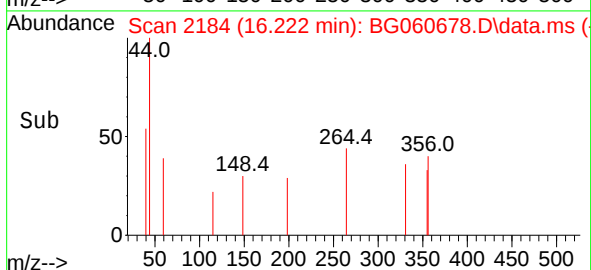
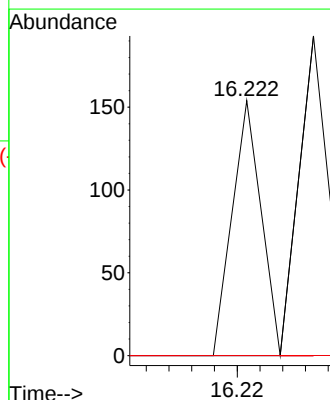
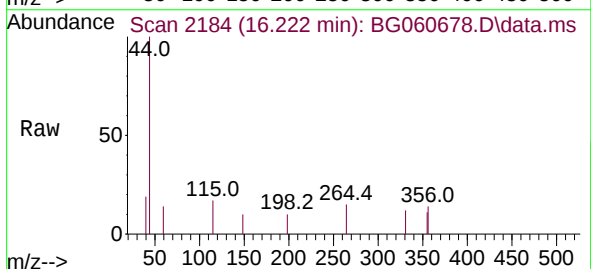
Tgt Ion:198 Resp: 54

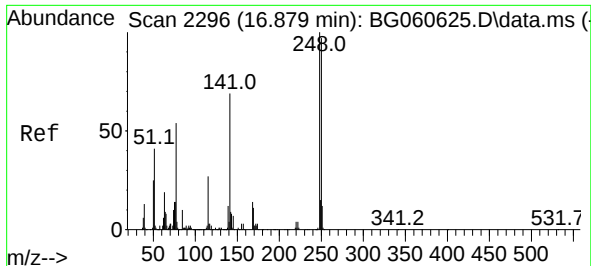
Ion Ratio Lower Upper

198 100

51 0.0 36.9 76.9#

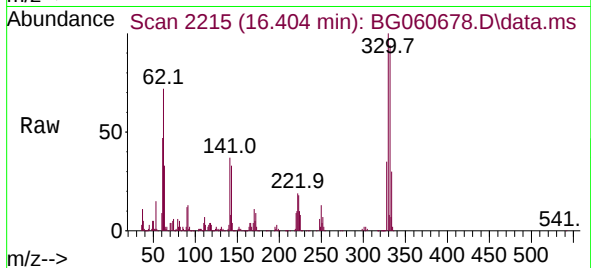
105 0.0 22.4 62.4#



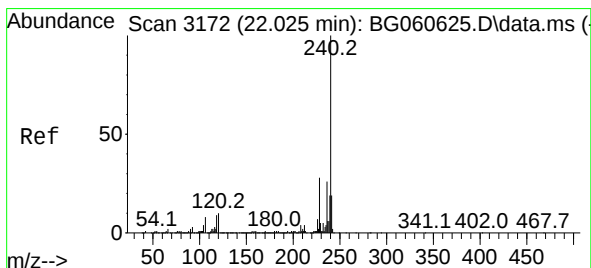
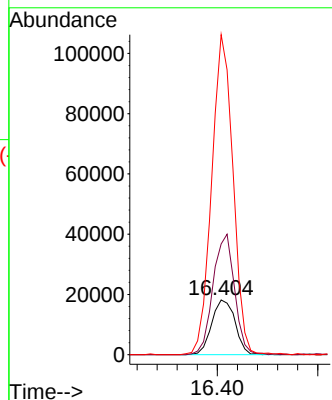
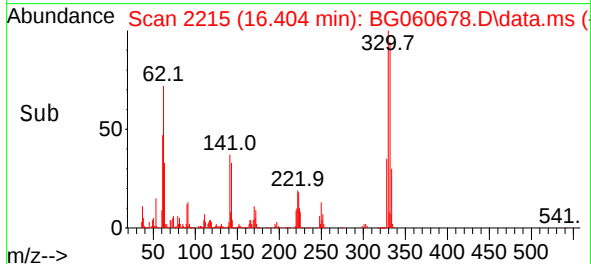


#67
4-Bromophenyl-phenylether
Concen: 3.867 ng
RT: 16.404 min Scan# 2115
Delta R.T. -0.445 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Instrument :
BNA_G
ClientSampleId :
PB159643BL

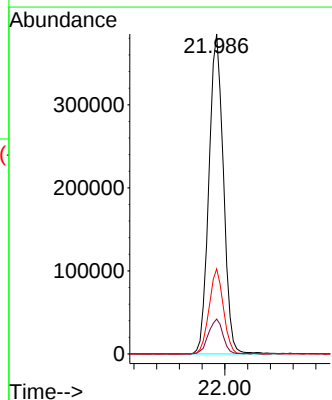
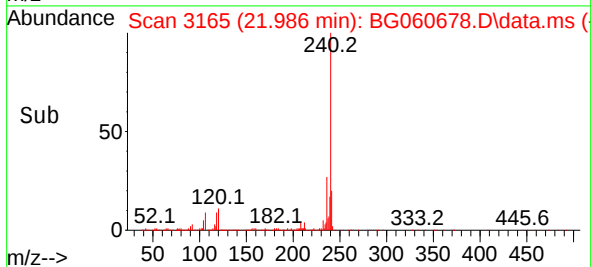
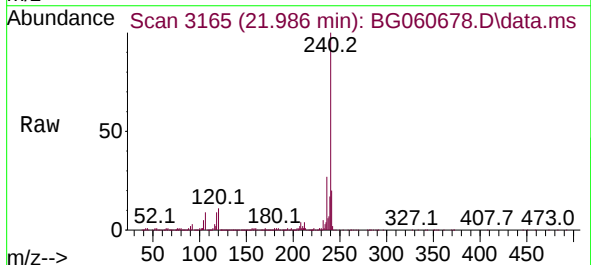


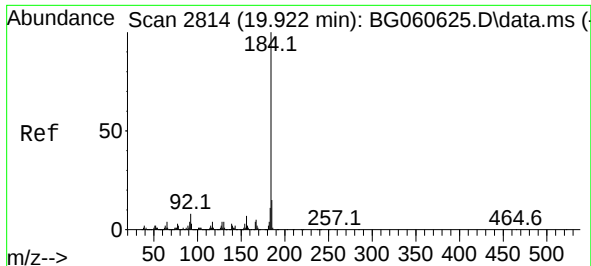
Tgt Ion:248 Resp: 29356
Ion Ratio Lower Upper
248 100
250 202.5 77.8 116.6#
141 585.5 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.986 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BG060678.D
Acq: 19 Mar 2024 11:46

Tgt Ion:240 Resp: 678359
Ion Ratio Lower Upper
240 100
120 10.9 7.8 11.8
236 26.6 20.6 31.0





#77

Benzidine

Concen: 3.121 ng

RT: 20.252 min Scan# 2870

Delta R.T. 0.354 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

Instrument :

BNA_G

ClientSampleId :

PB159643BL

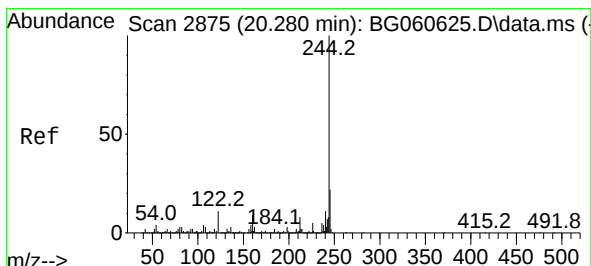
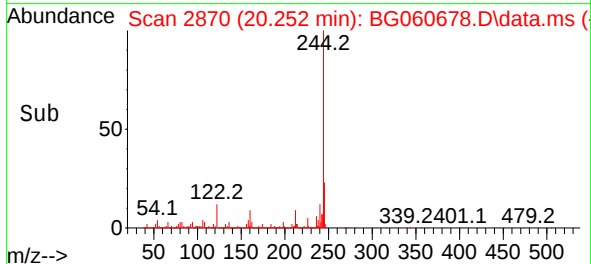
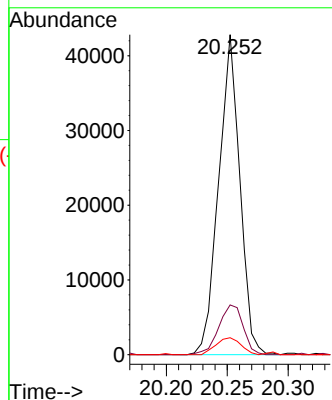
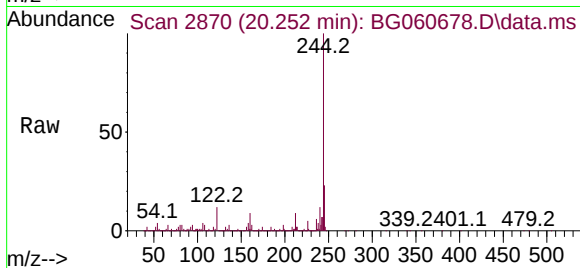
Tgt Ion:184 Resp: 51790

Ion Ratio Lower Upper

184 100

185 15.6 11.7 17.5

183 5.3 9.2 13.8#



#79

Terphenyl-d14

Concen: 77.760 ng

RT: 20.252 min Scan# 2870

Delta R.T. -0.004 min

Lab File: BG060678.D

Acq: 19 Mar 2024 11:46

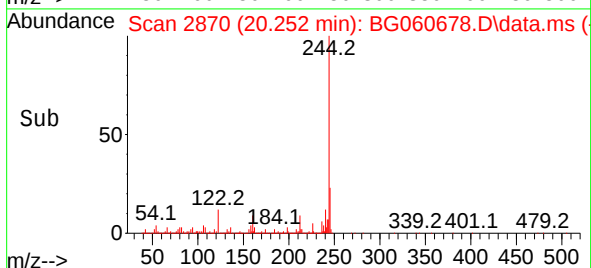
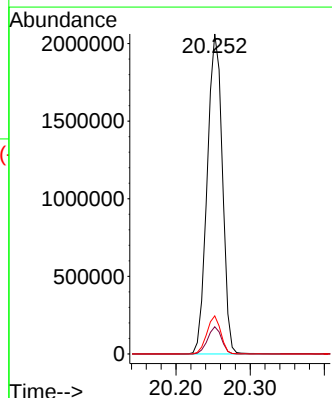
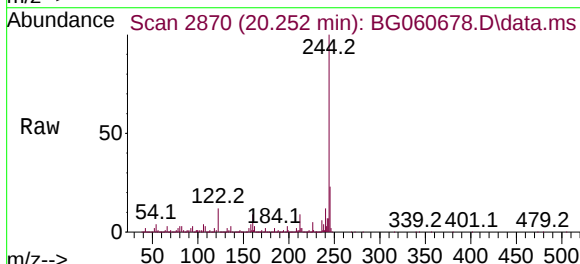
Tgt Ion:244 Resp: 2918277

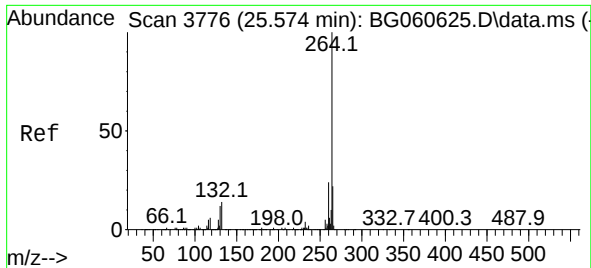
Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

122 11.9 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.517 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG060678.D
 Acq: 19 Mar 2024 11:46

Instrument :
 BNA_G
 ClientSampleId :
 PB159643BL

Tgt Ion:264 Resp: 789113
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 22.5 18.1 27.1

