

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060735.D
 Acq On : 2 Apr 2024 11:20
 Operator : MA/JU
 Sample : PB159936BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159936BL

Quant Time: Apr 02 11:59:10 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)

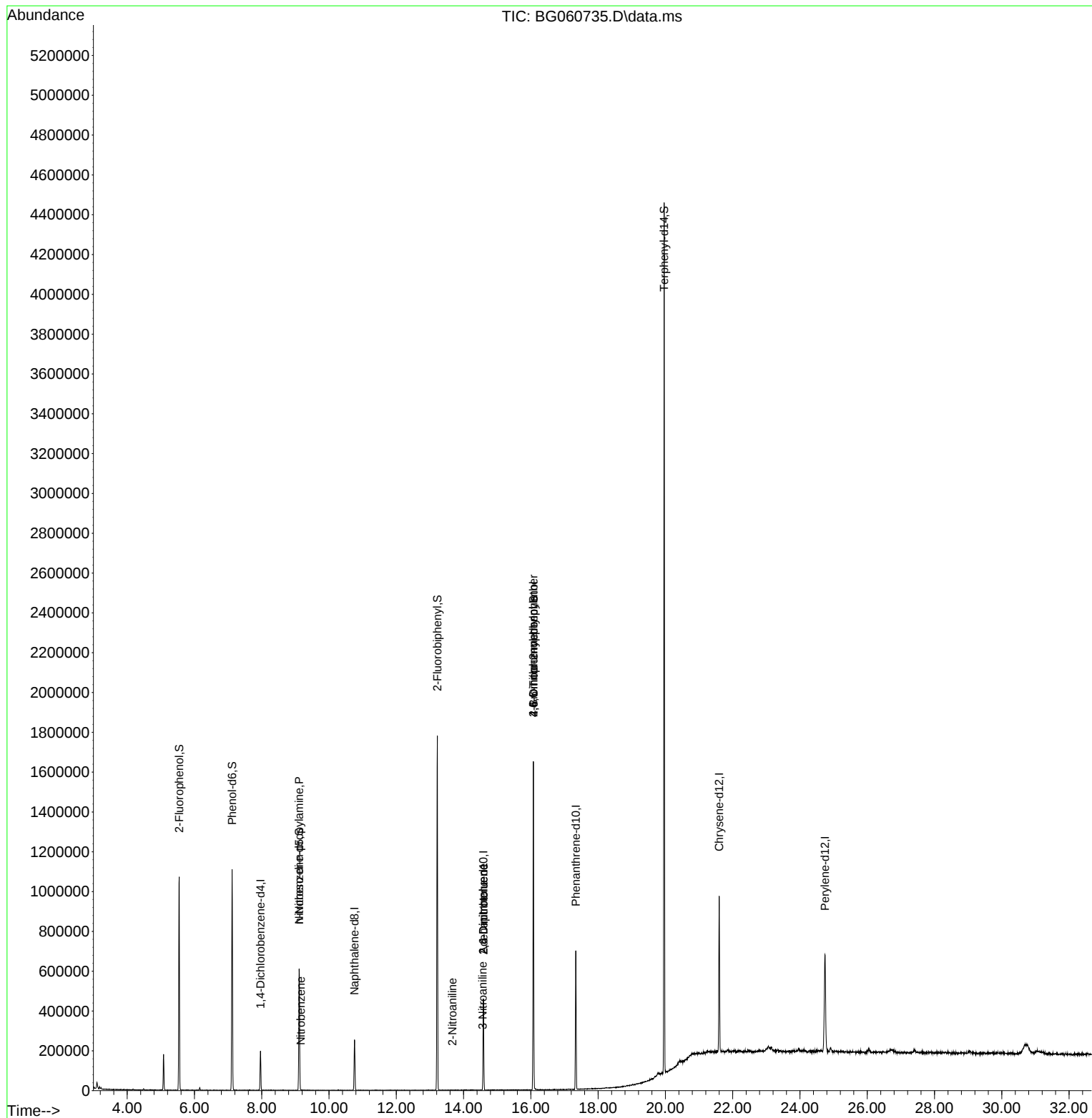
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	52986	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	205467	20.000	ng	0.00
39) Acenaphthene-d10	14.588	164	156259	20.000	ng	0.00
64) Phenanthrene-d10	17.337	188	436834	20.000	ng	0.00
76) Chrysene-d12	21.597	240	457363	20.000	ng	0.00
86) Perylene-d12	24.746	264	526110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	415096	130.507	ng	0.01
7) Phenol-d6	7.120	99	567029	120.100	ng	0.00
23) Nitrobenzene-d5	9.112	82	329798	91.590	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	294533	166.047	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	906148	85.108	ng	0.00
79) Terphenyl-d14	19.964	244	2131186	82.050	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.112	70	45114	12.530	ng	# 74
24) Nitrobenzene	9.165	77	63	2.788	ng	# 42
48) 2-Nitroaniline	13.671	65	63	2.815	ng	# 11
51) 2,6-Dinitrotoluene	14.588	165	20541	12.107	ng	# 18
53) 3-Nitroaniline	14.570	138	54	2.872	ng	# 1
57) 2,4-Dinitrotoluene	14.588	165	20541	10.184	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.074	198	716	7.373	ng	# 1
67) 4-Bromophenyl-phenylether	16.074	248	20097	4.533	ng	# 1

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

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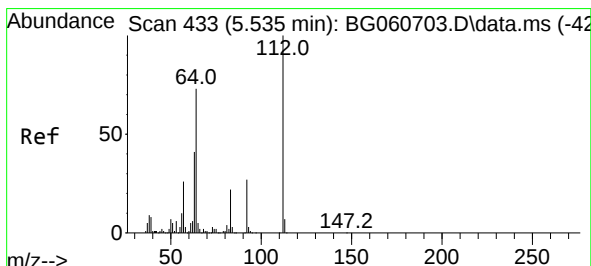
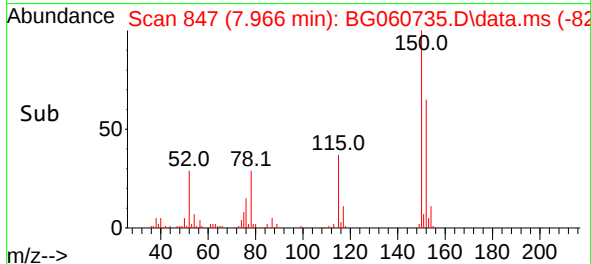
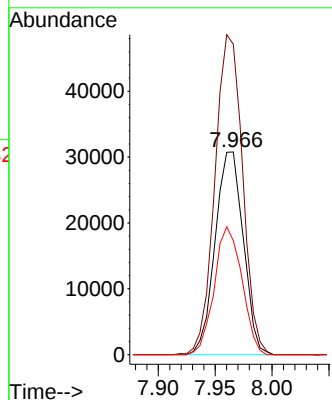
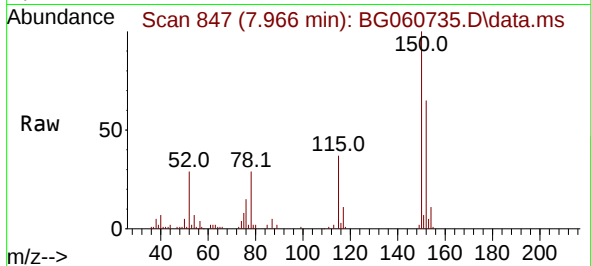




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.966 min Scan# 846
Delta R.T. 0.005 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

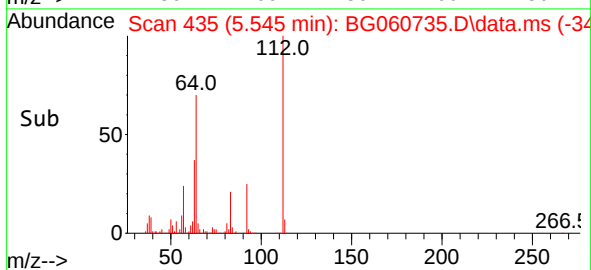
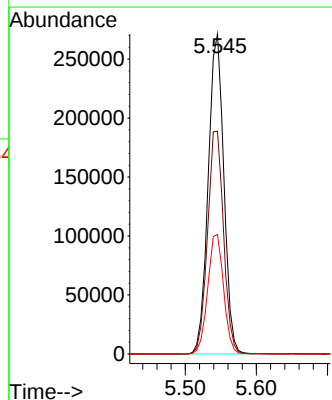
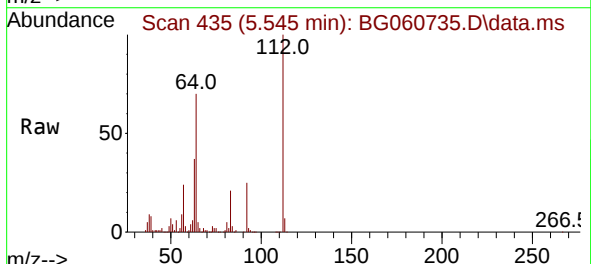
Instrument :
BNA_G
ClientSampleId :
PB159936BL

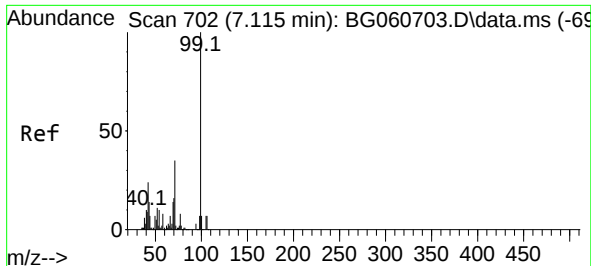
Tgt Ion:152 Resp: 52986
Ion Ratio Lower Upper
152 100
150 153.1 130.2 195.4
115 56.2 51.6 77.4



#5
2-Fluorophenol
Concen: 130.507 ng
RT: 5.545 min Scan# 435
Delta R.T. 0.010 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

Tgt Ion:112 Resp: 415096
Ion Ratio Lower Upper
112 100
64 69.6 58.4 87.6
63 37.4 32.7 49.1

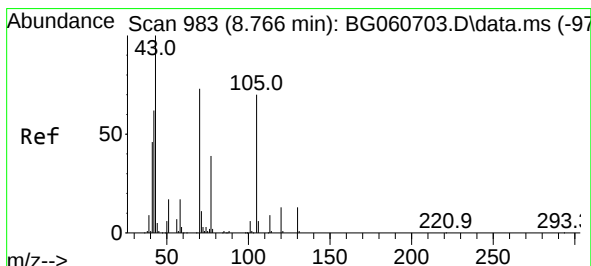
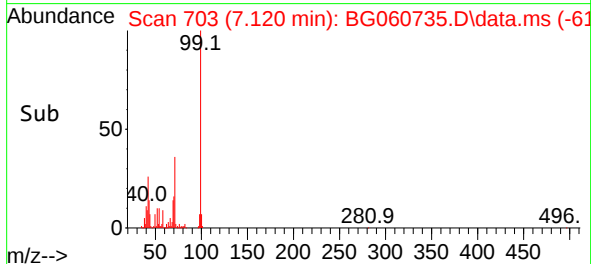
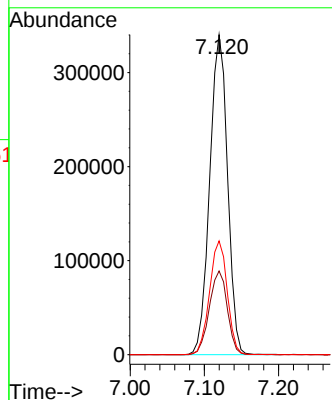
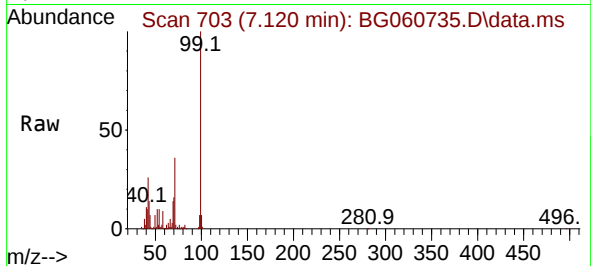




#7
Phenol-d6
Concen: 120.100 ng
RT: 7.120 min Scan# 70
Delta R.T. 0.005 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

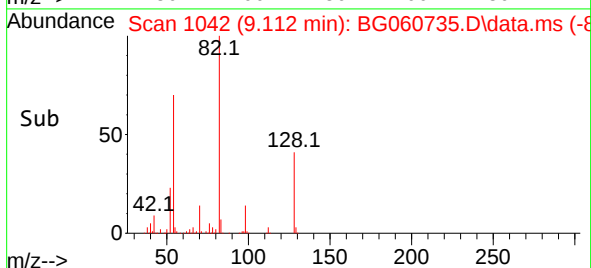
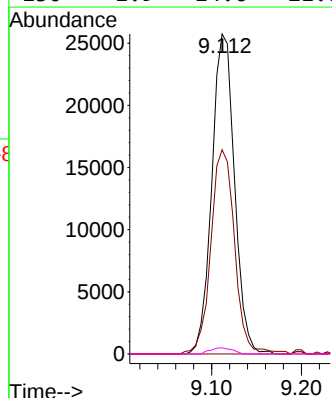
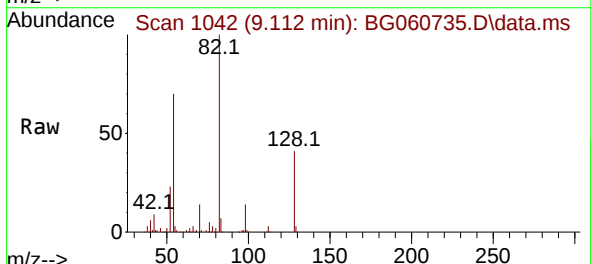
Instrument :
BNA_G
ClientSampleId :
PB159936BL

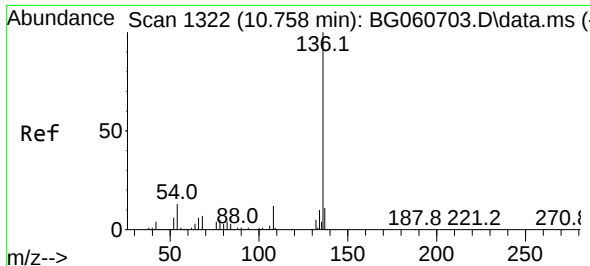
Tgt Ion: 99 Resp: 567029
Ion Ratio Lower Upper
99 100
42 26.2 19.4 29.2
71 35.6 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.530 ng
RT: 9.112 min Scan# 1042
Delta R.T. 0.346 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

Tgt Ion: 70 Resp: 45114
Ion Ratio Lower Upper
70 100
42 63.8 68.4 102.6#
101 0.0 6.1 9.1#
130 1.9 14.6 21.8#



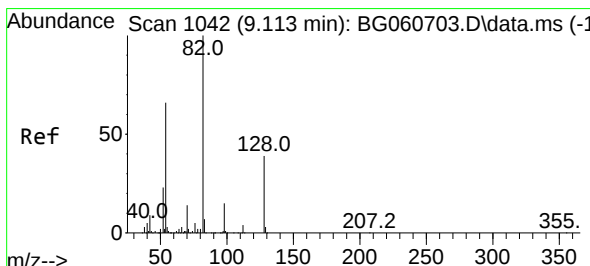
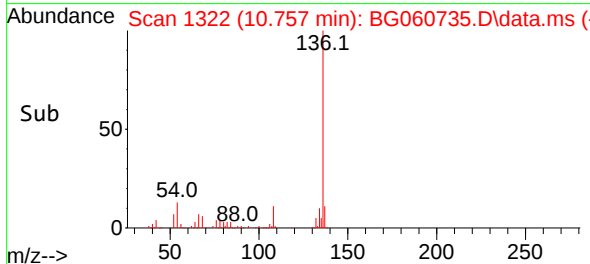
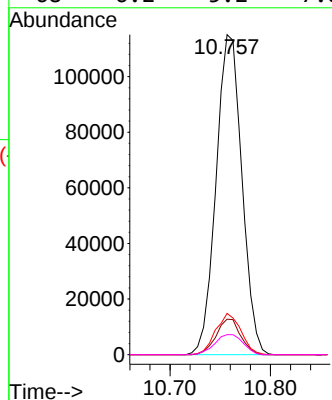
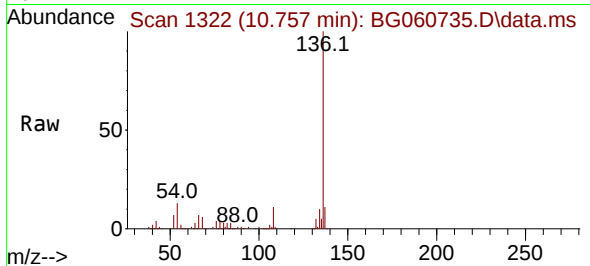


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1322
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

Instrument :
BNA_G
ClientSampleId :
PB159936BL

Tgt Ion:136 Resp: 205467

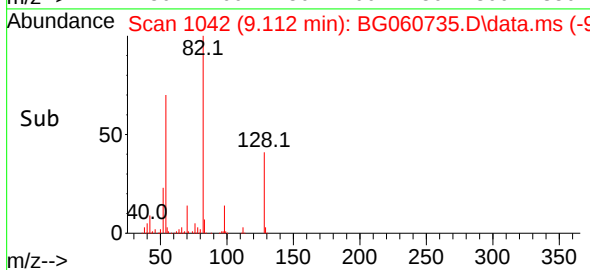
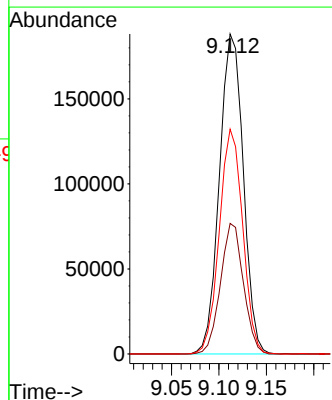
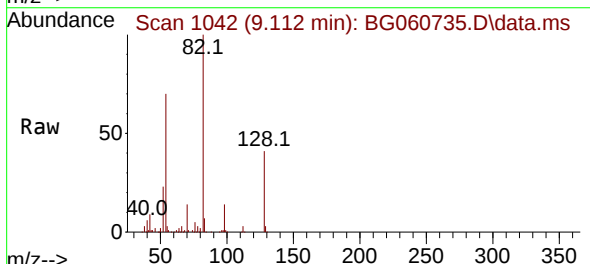
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.9	10.2	15.2
68	6.2	5.2	7.8



#23
Nitrobenzene-d5
Concen: 91.590 ng
RT: 9.112 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

Tgt Ion: 82 Resp: 329798

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.2	46.8
54	70.3	53.2	79.8

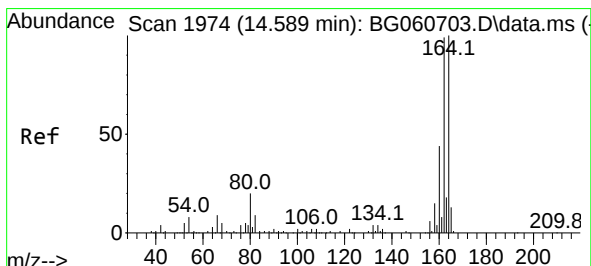
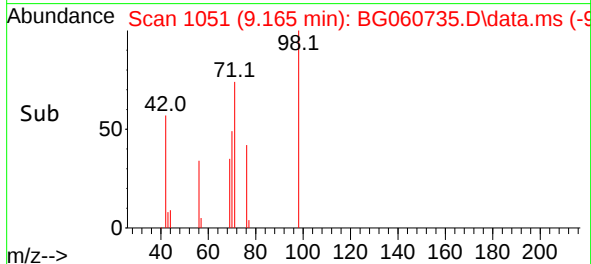
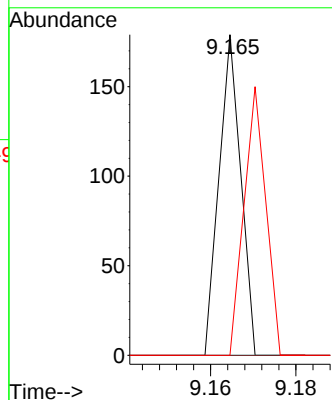
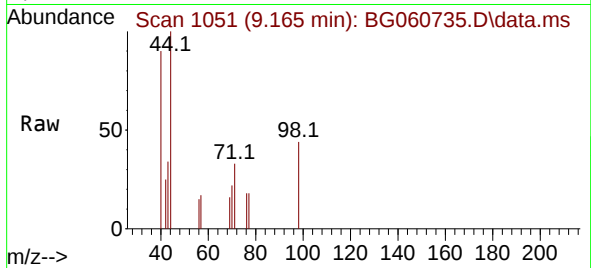




#24
Nitrobenzene
Concen: 2.788 ng
RT: 9.165 min Scan# 1049
Delta R.T. 0.011 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

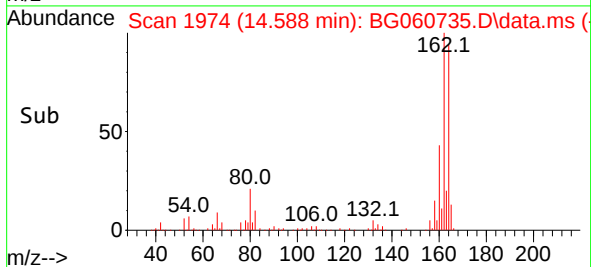
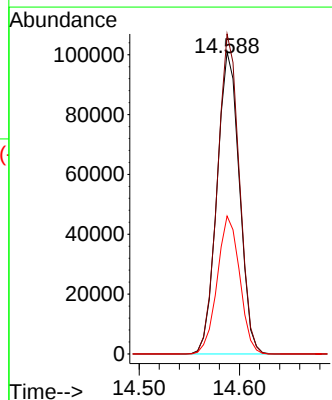
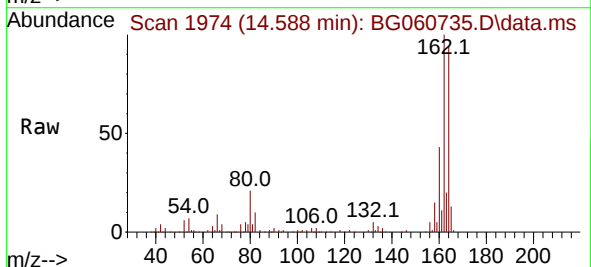
Instrument :
BNA_G
ClientSampleId :
PB159936BL

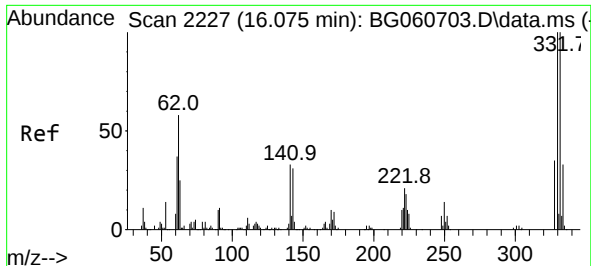
Tgt Ion: 77 Resp: 63
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.588 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

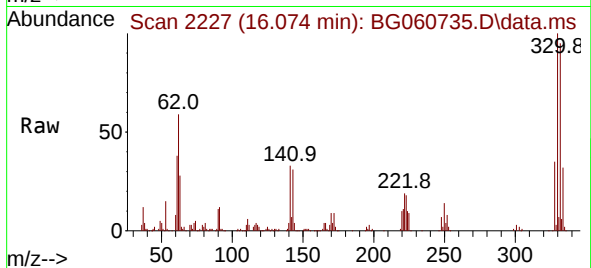
Tgt Ion: 164 Resp: 156259
Ion Ratio Lower Upper
164 100
162 105.9 79.5 119.3
160 45.7 35.4 53.0



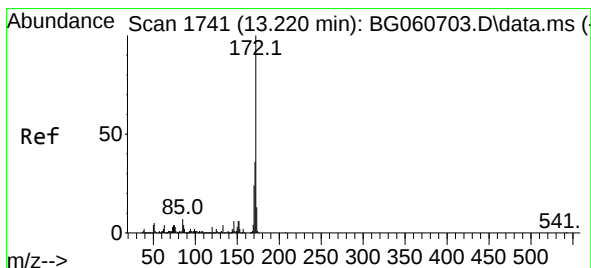
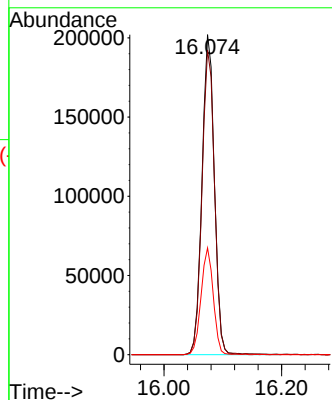
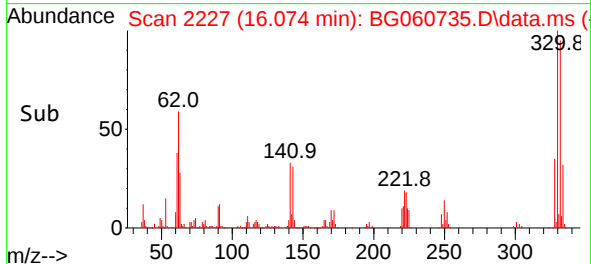


#42
2,4,6-Tribromophenol
Concen: 166.047 ng
RT: 16.074 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

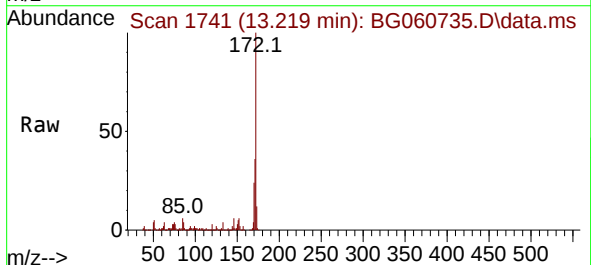
Instrument :
BNA_G
ClientSampleId :
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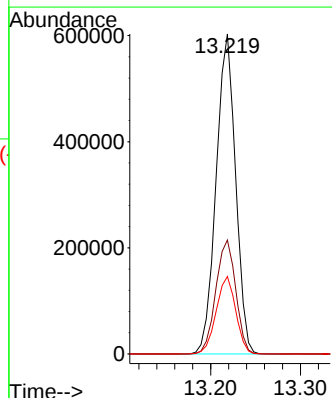
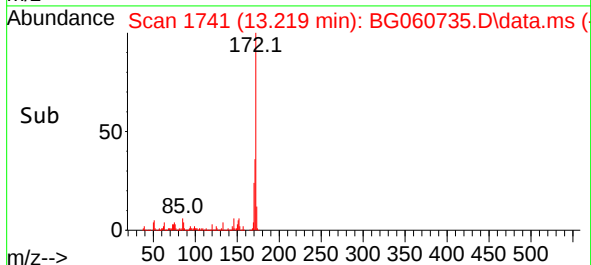
Tgt Ion:330 Resp: 294533
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 33.0 27.0 40.6

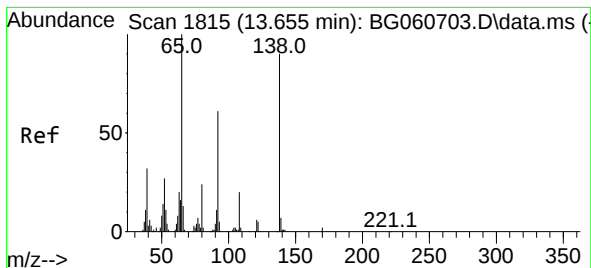


#45
2-Fluorobiphenyl
Concen: 85.108 ng
RT: 13.219 min Scan# 1741
Delta R.T. -0.001 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20



Tgt Ion:172 Resp: 906148
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.2 19.4 29.0





#48

2-Nitroaniline

Concen: 2.815 ng

RT: 13.671 min Scan# 1

Delta R.T. 0.016 min

Lab File: BG060735.D

Acq: 2 Apr 2024 11:20

Instrument :

BNA_G

ClientSampleId :

PB159936BL

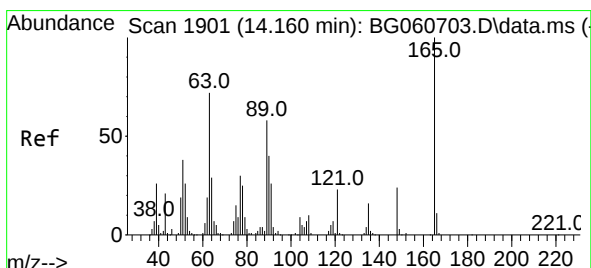
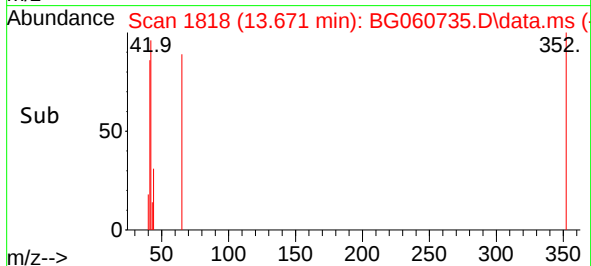
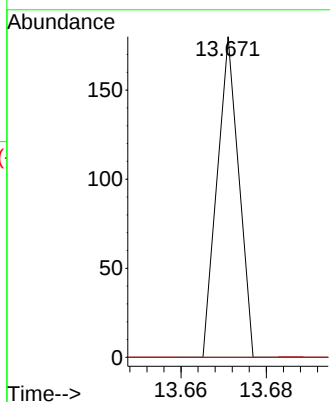
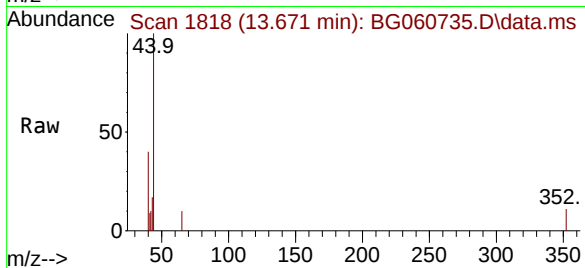
Tgt Ion: 65 Resp: 63

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: 12.107 ng

RT: 14.588 min Scan# 1974

Delta R.T. 0.428 min

Lab File: BG060735.D

Acq: 2 Apr 2024 11:20

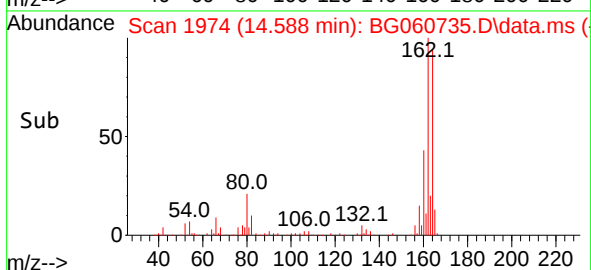
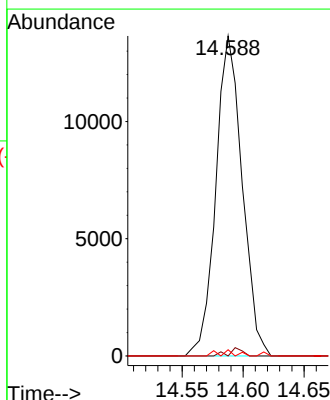
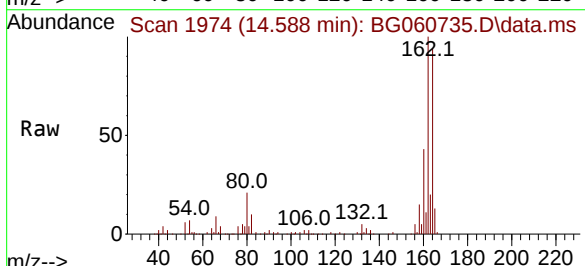
Tgt Ion:165 Resp: 20541

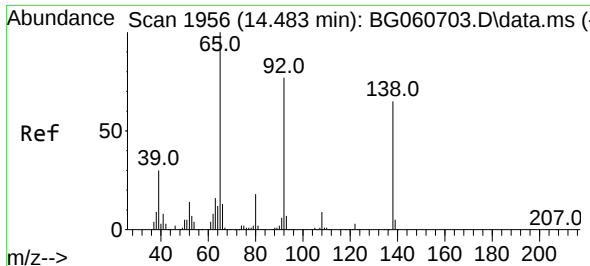
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.4#

89 1.9 46.1 69.1#

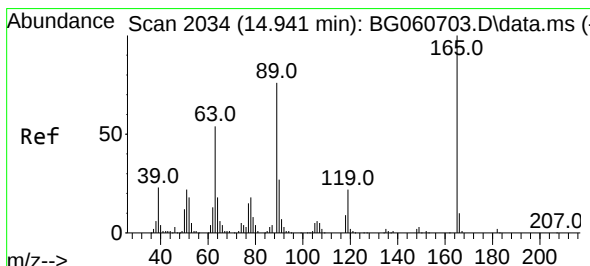
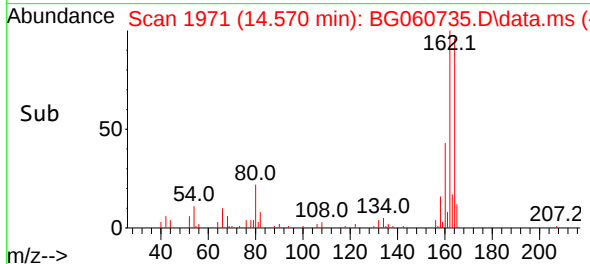
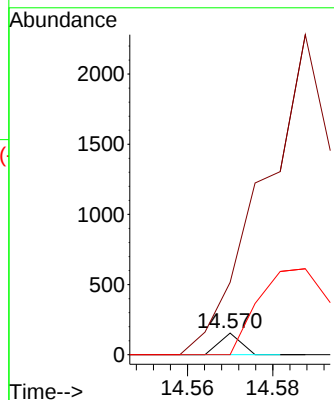
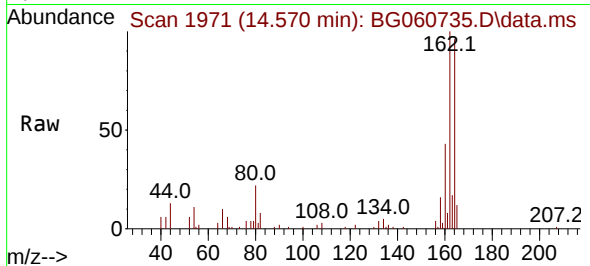




#53
3-Nitroaniline
Concen: 2.872 ng
RT: 14.570 min Scan# 1956
Delta R.T. 0.087 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

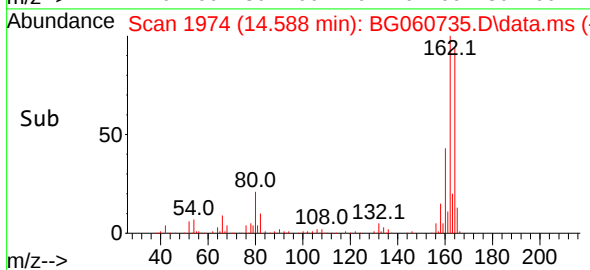
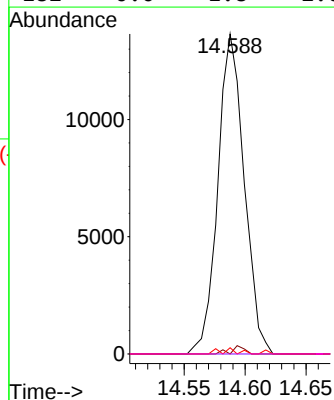
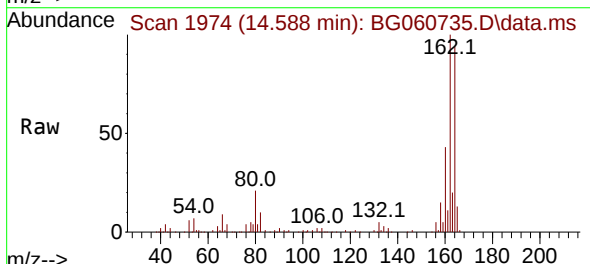
Instrument :
BNA_G
ClientSampleId :
PB159936BL

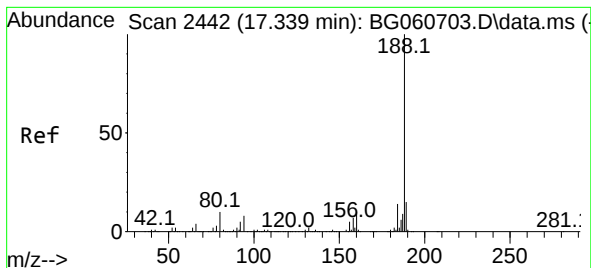
Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 335.1 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.184 ng
RT: 14.588 min Scan# 1974
Delta R.T. -0.353 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

Tgt Ion:165 Resp: 20541
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.9 61.0 91.6#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.337 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG060735.D

Acq: 2 Apr 2024 11:20

Instrument :

BNA_G

ClientSampleId :

PB159936BL

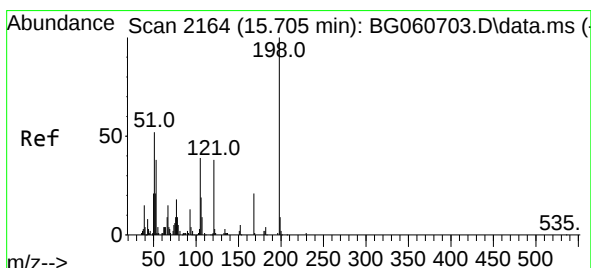
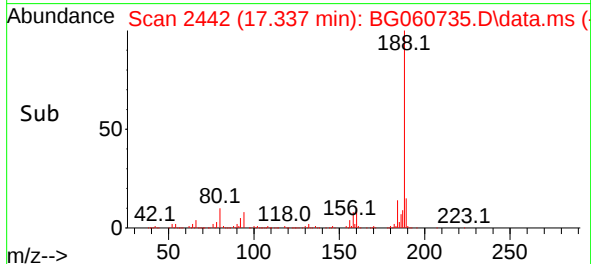
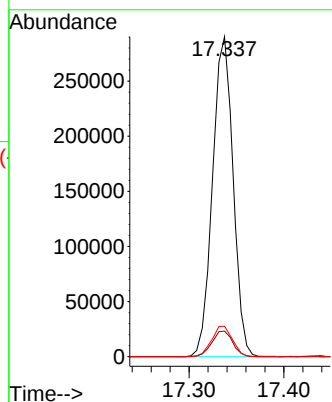
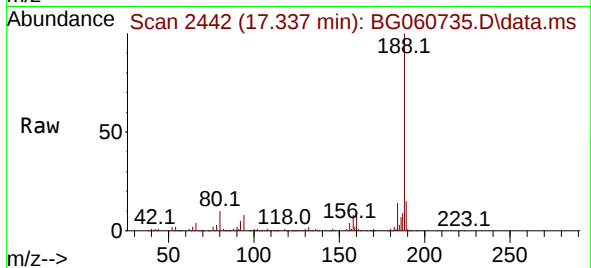
Tgt Ion:188 Resp: 436834

Ion Ratio Lower Upper

188 100

94 8.0 6.6 9.8

80 9.5 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 7.373 ng

RT: 16.074 min Scan# 2227

Delta R.T. 0.369 min

Lab File: BG060735.D

Acq: 2 Apr 2024 11:20

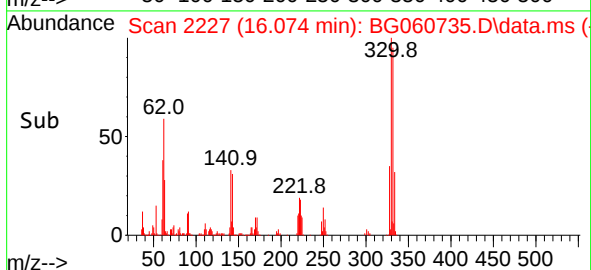
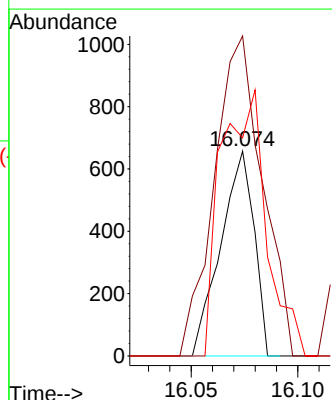
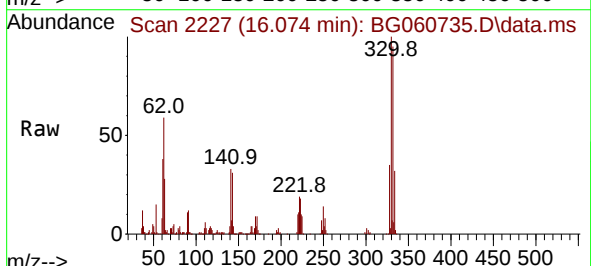
Tgt Ion:198 Resp: 716

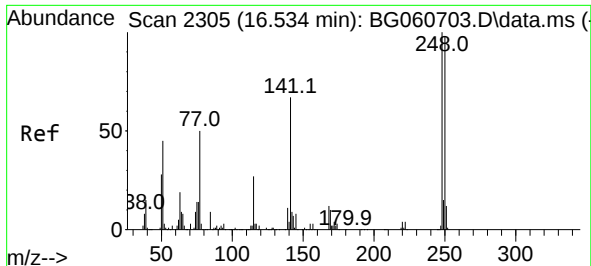
Ion Ratio Lower Upper

198 100

51 156.3 36.7 76.7#

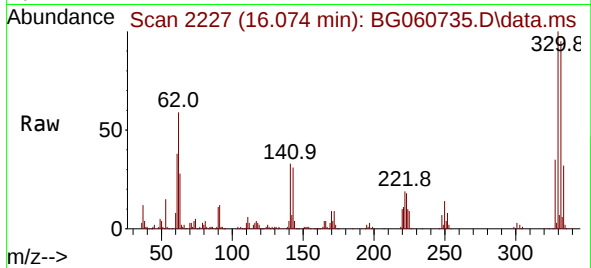
105 106.5 19.1 59.1#



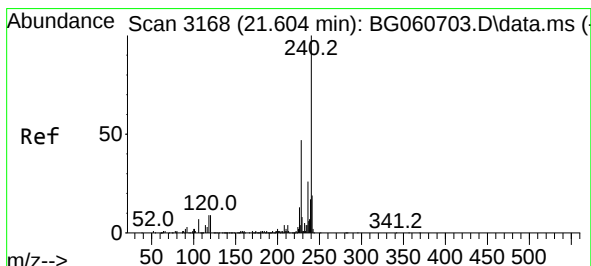
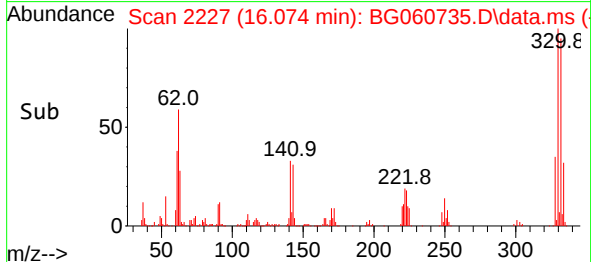
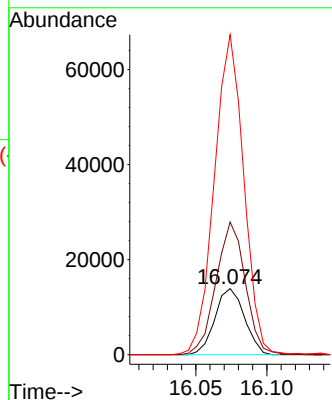


#67
4-Bromophenyl-phenylether
Concen: 4.533 ng
RT: 16.074 min Scan# 21
Delta R.T. -0.460 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

Instrument :
BNA_G
ClientSampleId :
PB159936BL

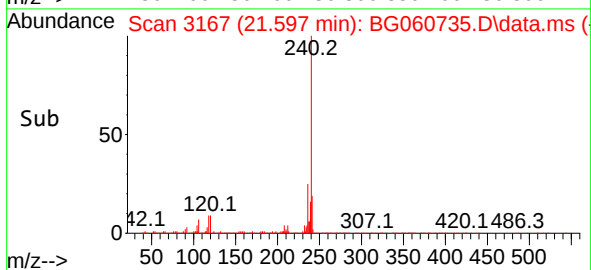
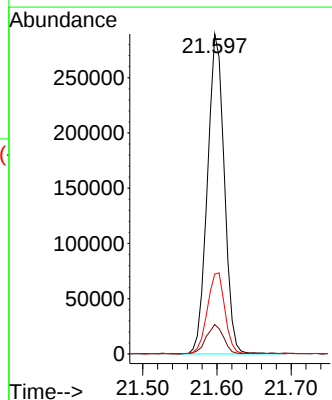
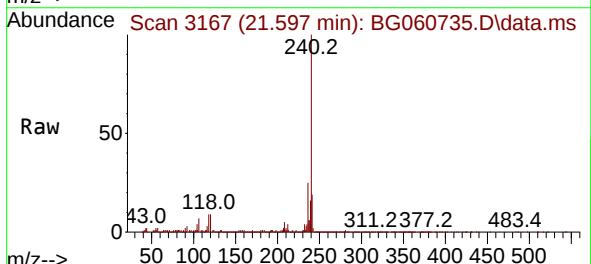


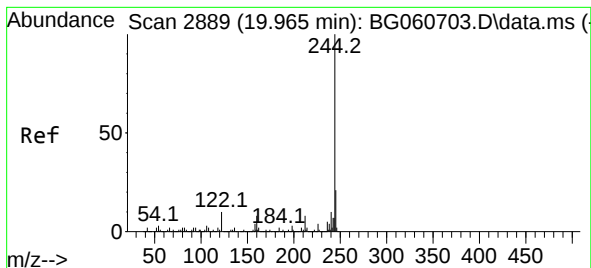
Tgt Ion:248 Resp: 20097
Ion Ratio Lower Upper
248 100
250 200.7 78.3 117.5#
141 484.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.597 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG060735.D
Acq: 2 Apr 2024 11:20

Tgt Ion:240 Resp: 457363
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 82.050 ng

RT: 19.964 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060735.D

Acq: 2 Apr 2024 11:20

Instrument :

BNA_G

ClientSampleId :

PB159936BL

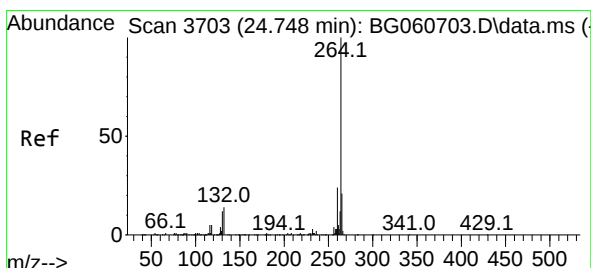
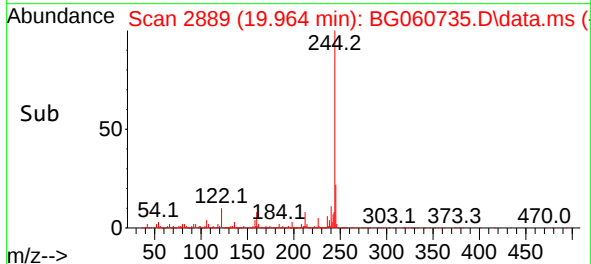
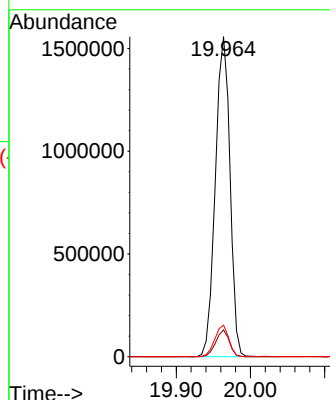
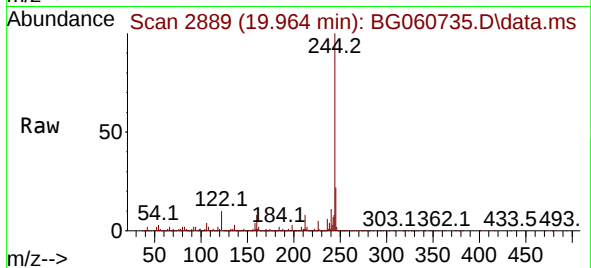
Tgt Ion:244 Resp: 2131186

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

122 9.8 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.746 min Scan# 3703

Delta R.T. -0.001 min

Lab File: BG060735.D

Acq: 2 Apr 2024 11:20

Tgt Ion:264 Resp: 526110

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.9 16.9 25.3

