

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060848.D
 Acq On : 10 Apr 2024 12:20
 Operator : MA/JU
 Sample : PB160000BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160000BL

Quant Time: Apr 10 14:28:09 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)

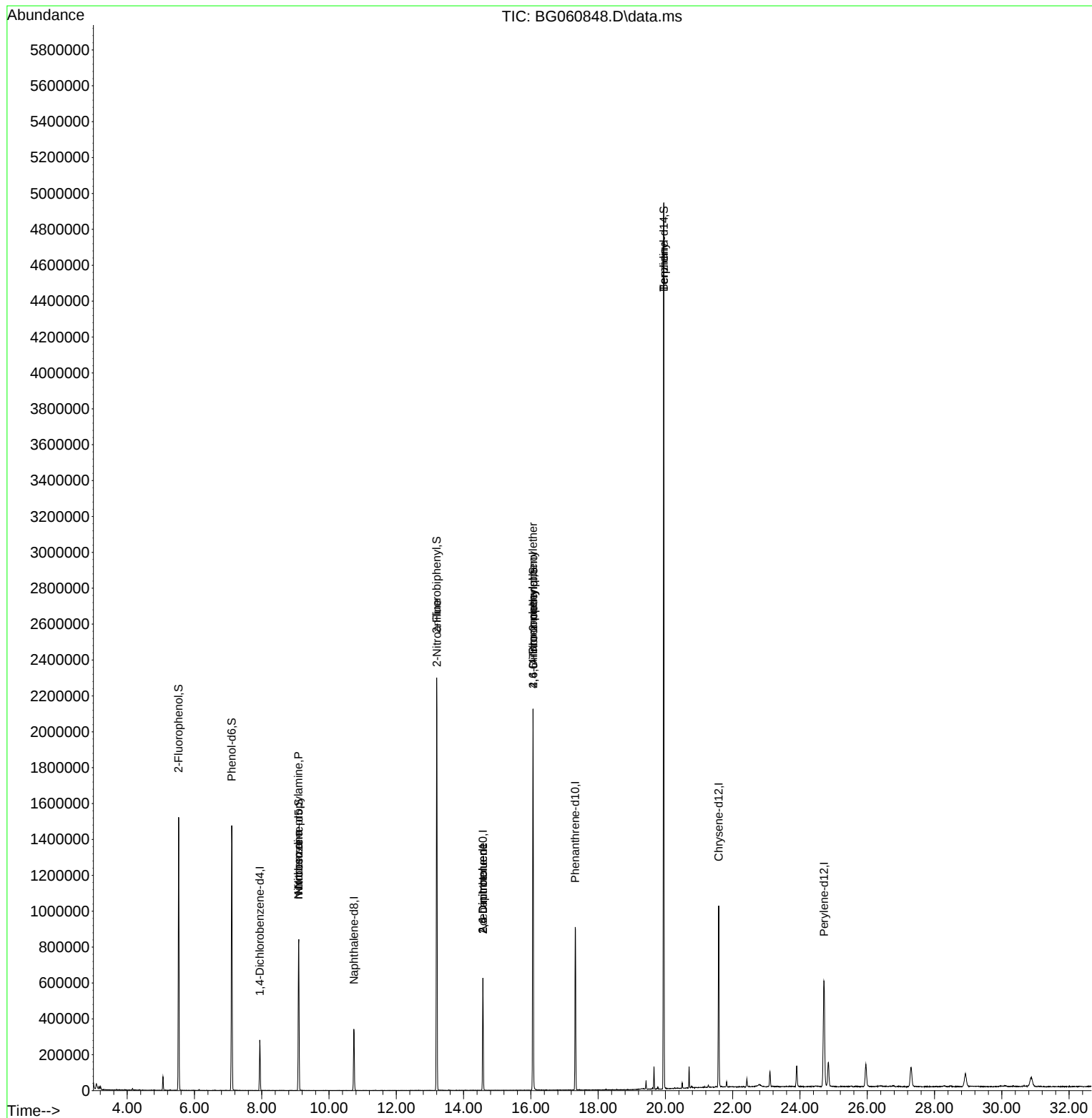
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	72862	20.000	ng	-0.02
21) Naphthalene-d8	10.739	136	275983	20.000	ng	-0.02
39) Acenaphthene-d10	14.576	164	216493	20.000	ng	-0.01
64) Phenanthrene-d10	17.319	188	598826	20.000	ng	-0.02
76) Chrysene-d12	21.585	240	596368	20.000	ng	-0.02
86) Perylene-d12	24.711	264	679698	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	564243	129.006	ng	0.00
7) Phenol-d6	7.108	99	734513	113.135	ng	0.00
23) Nitrobenzene-d5	9.100	82	472534	97.700	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	428122	174.207	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	1204442	81.650	ng	-0.02
79) Terphenyl-d14	19.952	244	2552813	75.374	ng	-0.01
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	9.094	70	64468	13.021	ng	# 71
24) Nitrobenzene	9.094	77	1470	3.030	ng	# 38
48) 2-Nitroaniline	13.207	65	1852	3.310	ng	# 1
51) 2,6-Dinitrotoluene	14.576	165	27673	11.869	ng	# 19
57) 2,4-Dinitrotoluene	14.576	165	27673	9.994	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.068	198	1451	7.535	ng	# 1
67) 4-Bromophenyl-phenylether	16.062	248	29167	4.799	ng	# 1
77) Benzidine	19.952	184	42289	2.693	ng	# 93

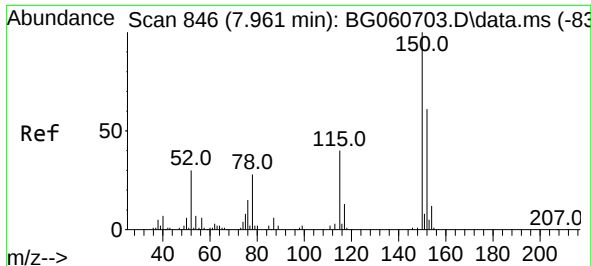
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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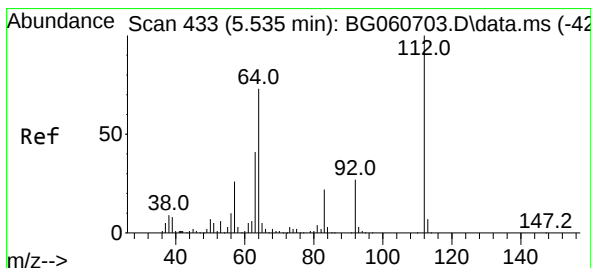
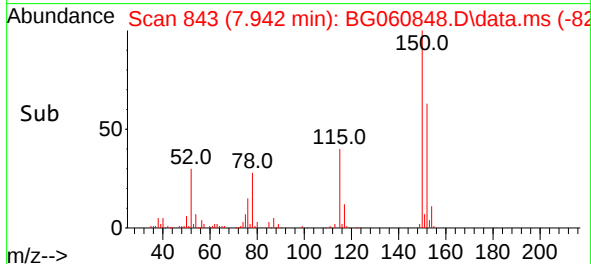
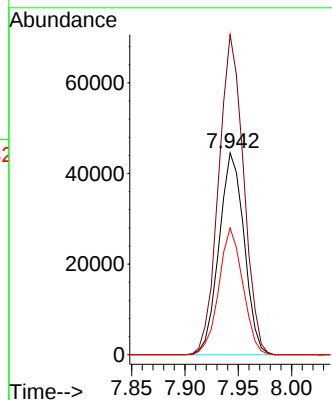
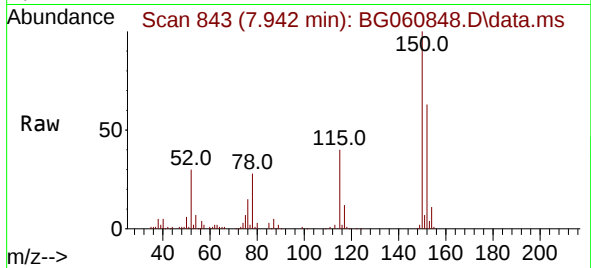




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 84
Delta R.T. -0.019 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

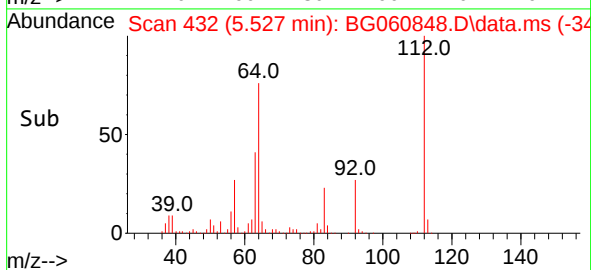
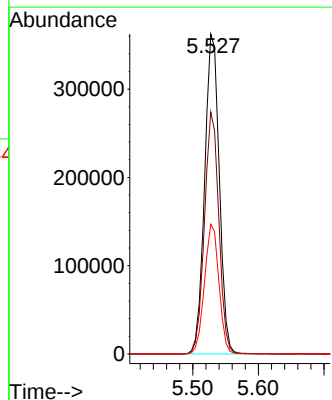
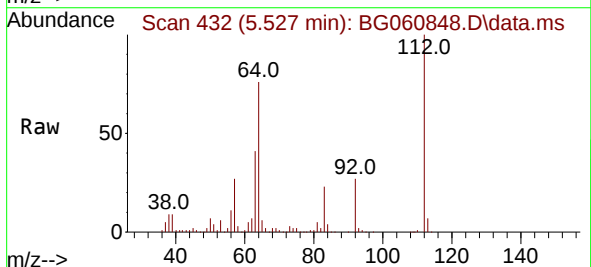
Instrument :
BNA_G
ClientSampleId :
PB160000BL

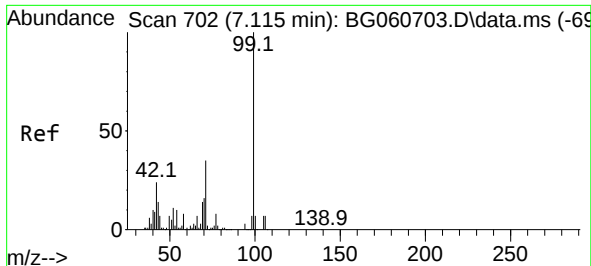
Tgt Ion:152 Resp: 72862
Ion Ratio Lower Upper
152 100
150 158.5 130.2 195.4
115 62.8 51.6 77.4



#5
2-Fluorophenol
Concen: 129.006 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.007 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

Tgt Ion:112 Resp: 564243
Ion Ratio Lower Upper
112 100
64 75.7 58.4 87.6
63 40.5 32.7 49.1

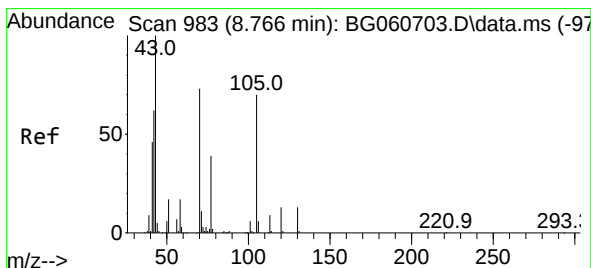
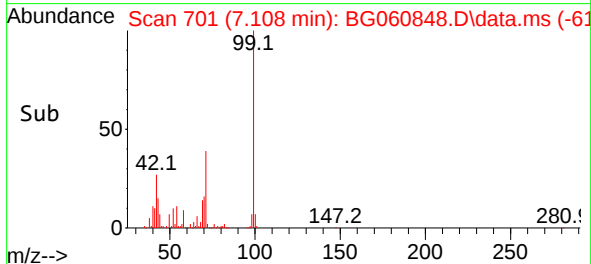
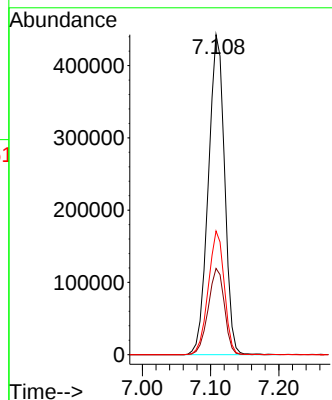
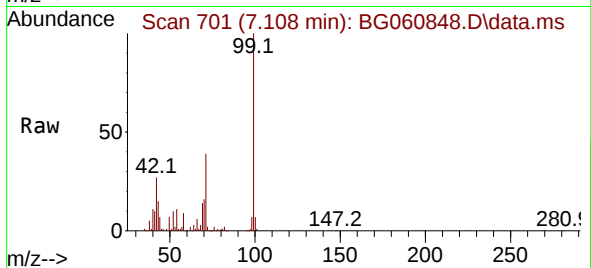




#7
Phenol-d6
Concen: 113.135 ng
RT: 7.108 min Scan# 702
Delta R.T. -0.007 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

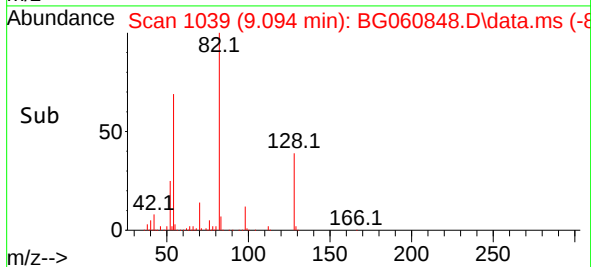
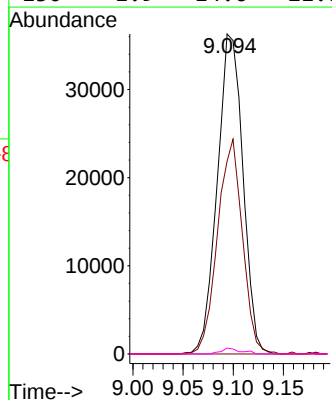
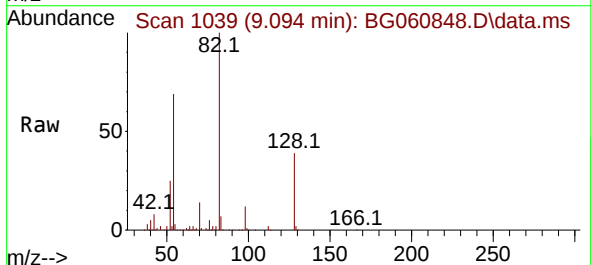
Instrument :
BNA_G
ClientSampleId :
PB160000BL

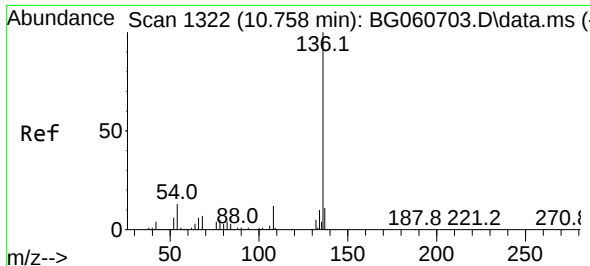
Tgt Ion: 99 Resp: 734513
Ion Ratio Lower Upper
99 100
42 27.0 19.4 29.2
71 38.6 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.021 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.328 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

Tgt Ion: 70 Resp: 64468
Ion Ratio Lower Upper
70 100
42 60.2 68.4 102.6#
101 0.0 6.1 9.1#
130 1.9 14.6 21.8#

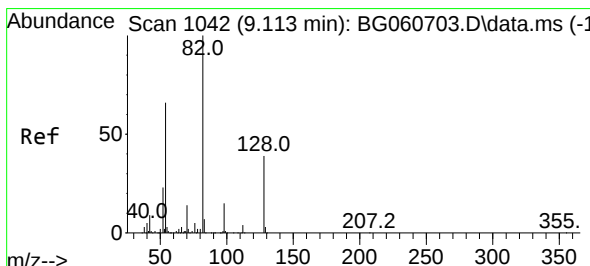
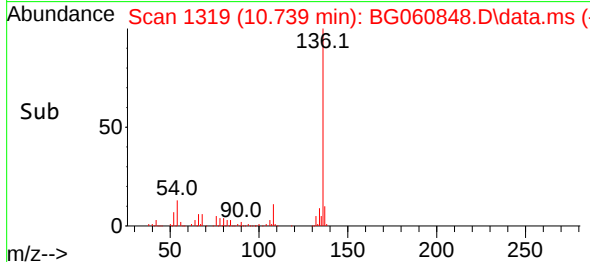
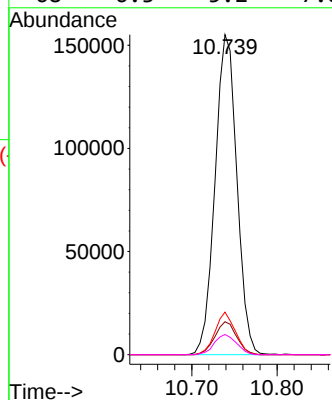
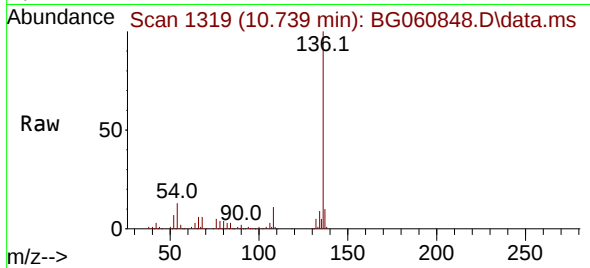




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.019 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

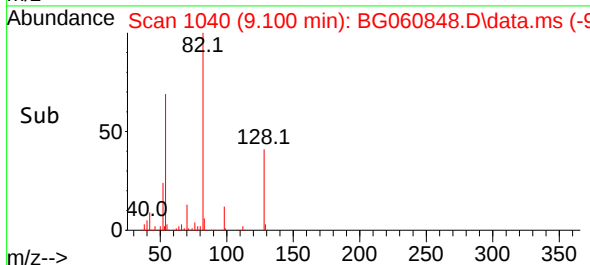
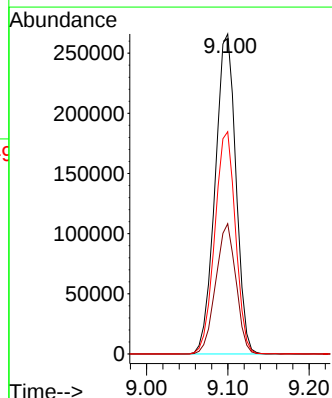
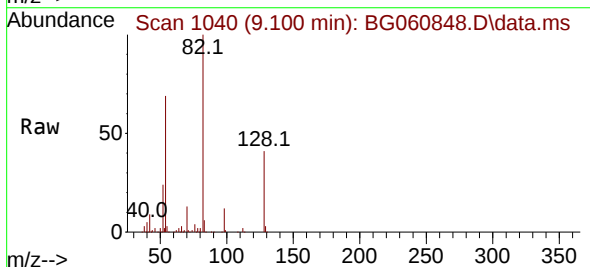
Instrument :
BNA_G
ClientSampleId :
PB160000BL

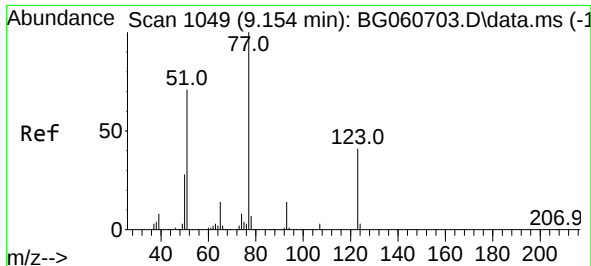
Tgt Ion:	136	Resp:	275983
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	13.3	10.2	15.2
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 97.700 ng
RT: 9.100 min Scan# 1040
Delta R.T. -0.013 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

Tgt Ion:	82	Resp:	472534
Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.2	46.8
54	69.4	53.2	79.8

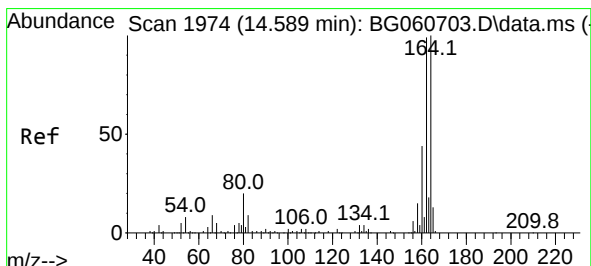
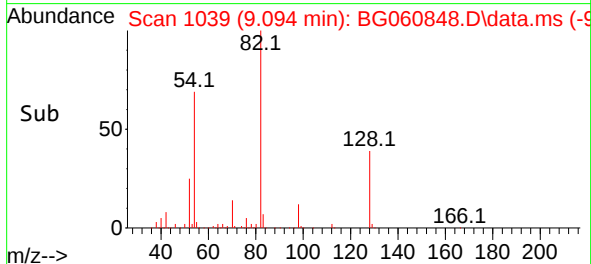
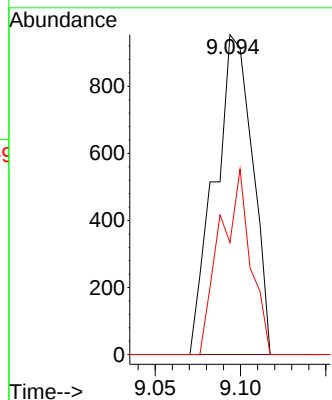
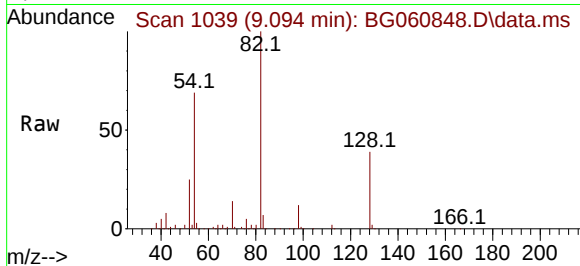




#24
Nitrobenzene
Concen: 3.030 ng
RT: 9.094 min Scan# 1039
Delta R.T. -0.060 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

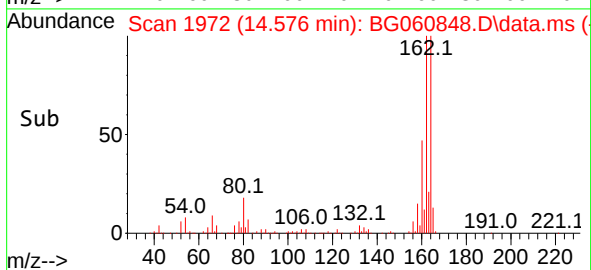
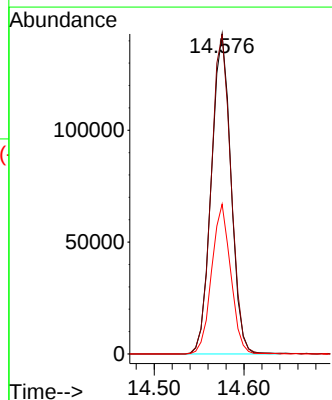
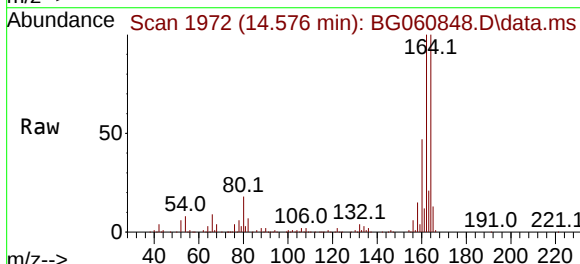
Instrument :
BNA_G
ClientSampleId :
PB160000BL

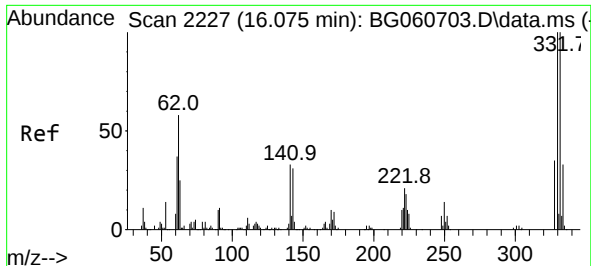
Tgt Ion: 77 Resp: 1470
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 35.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1972
Delta R.T. -0.013 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

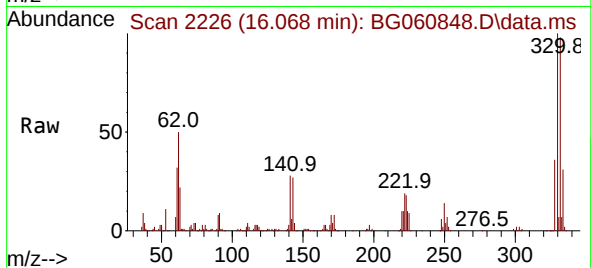
Tgt Ion: 164 Resp: 216493
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 46.8 35.4 53.0



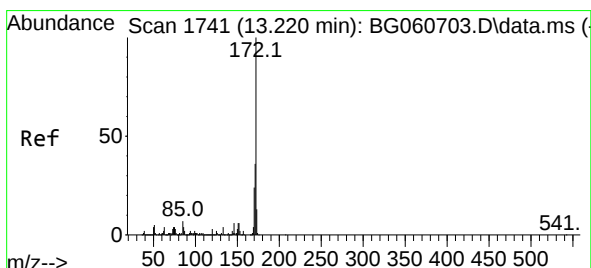
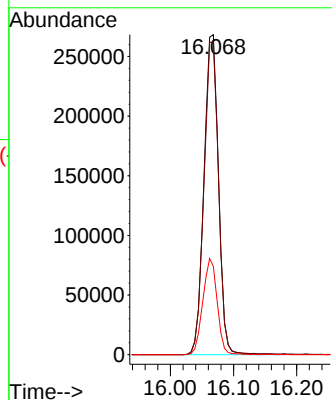
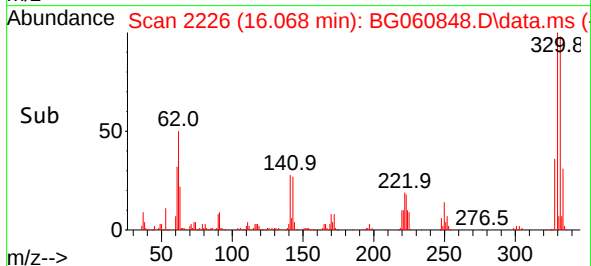


#42
2,4,6-Tribromophenol
Concen: 174.207 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

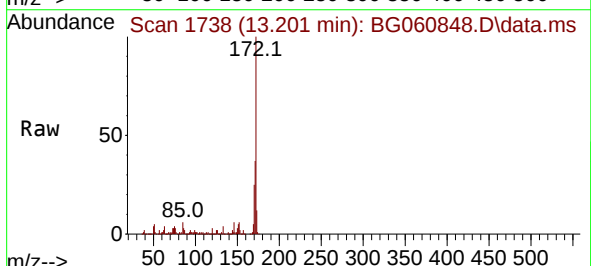
Instrument :
BNA_G
ClientSampleId :
PB160000BL



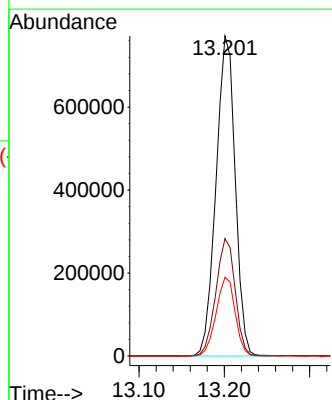
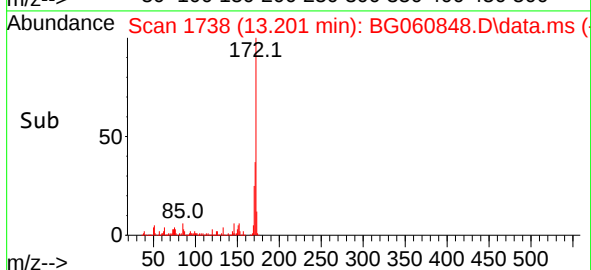
Tgt Ion:330 Resp: 428122
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.4
141 29.6 27.0 40.6

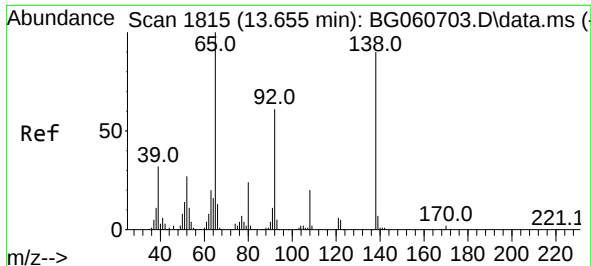


#45
2-Fluorobiphenyl
Concen: 81.650 ng
RT: 13.201 min Scan# 1738
Delta R.T. -0.019 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20



Tgt Ion:172 Resp: 1204442
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.6 19.4 29.0

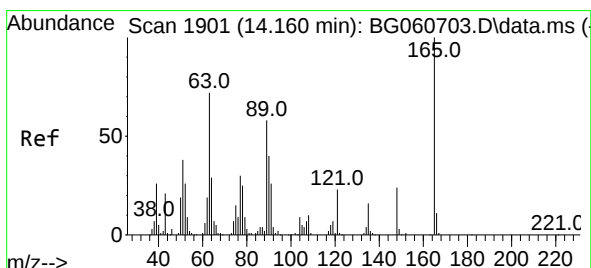
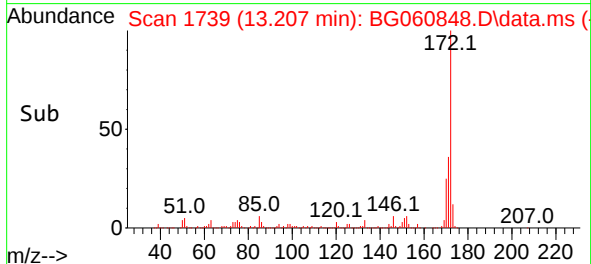
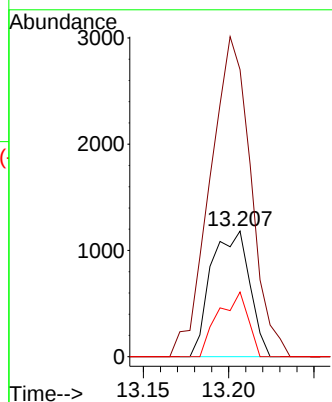
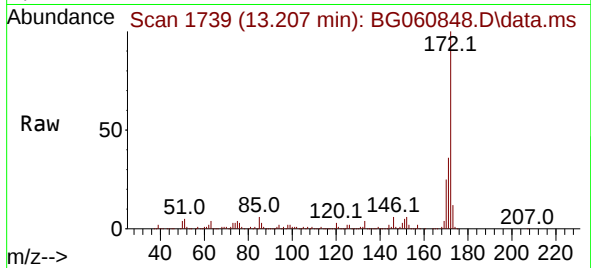




#48
2-Nitroaniline
Concen: 3.310 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.448 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

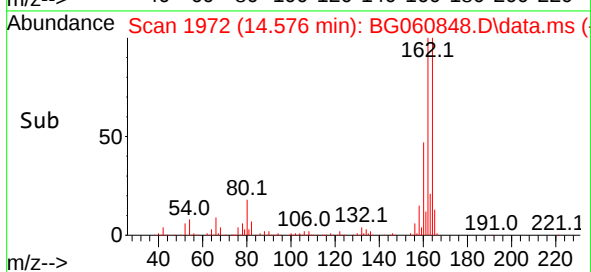
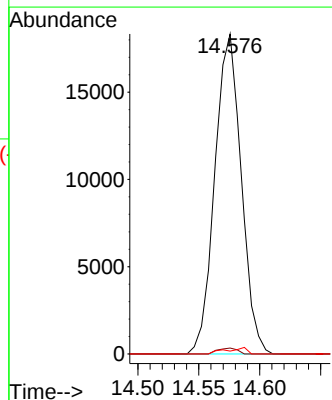
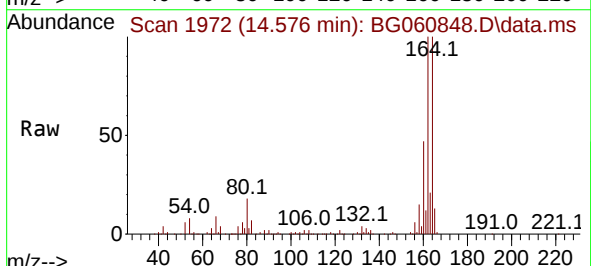
Instrument :
BNA_G
ClientSampleId :
PB160000BL

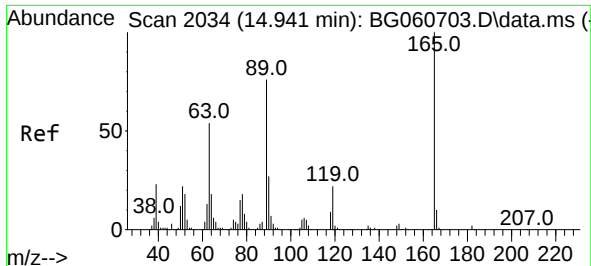
Tgt Ion: 65 Resp: 1852
Ion Ratio Lower Upper
65 100
92 228.6 48.6 72.8#
138 51.5 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.869 ng
RT: 14.576 min Scan# 1972
Delta R.T. 0.416 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

Tgt Ion:165 Resp: 27673
Ion Ratio Lower Upper
165 100
63 1.9 58.2 87.4#
89 0.9 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 9.994 ng

RT: 14.576 min Scan# 14

Delta R.T. -0.365 min

Lab File: BG060848.D

Acq: 10 Apr 2024 12:20

Instrument :

BNA_G

ClientSampleId :

PB160000BL

Tgt Ion:165 Resp: 27673

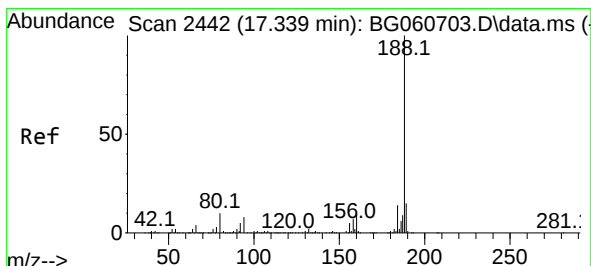
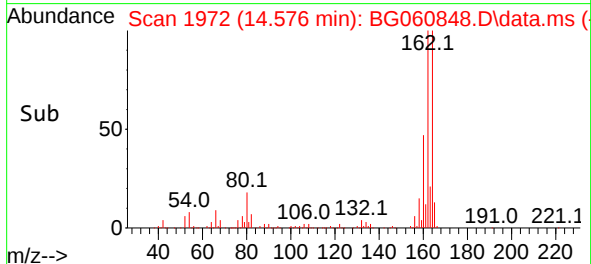
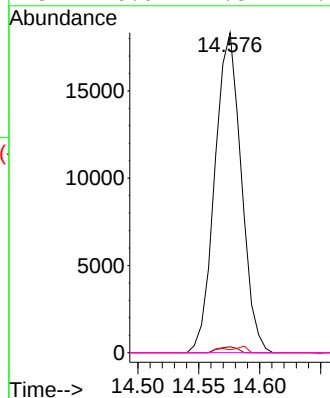
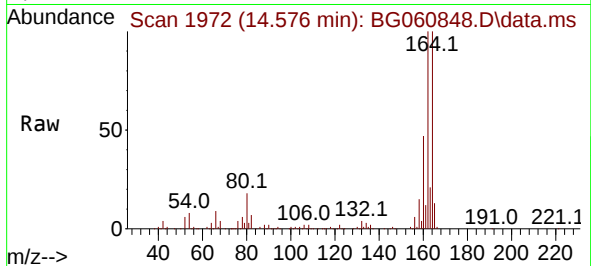
Ion Ratio Lower Upper

165 100

63 1.9 43.4 65.0#

89 0.9 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.319 min Scan# 2439

Delta R.T. -0.019 min

Lab File: BG060848.D

Acq: 10 Apr 2024 12:20

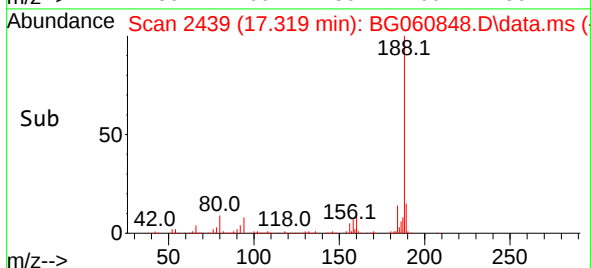
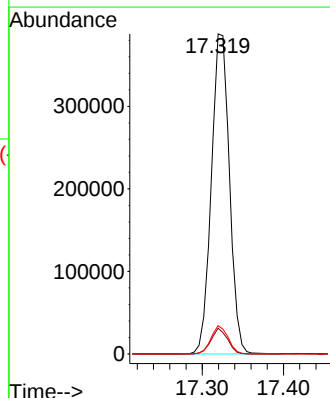
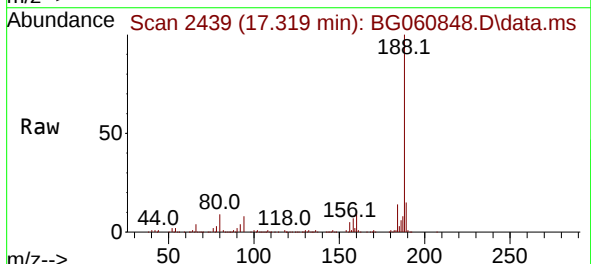
Tgt Ion:188 Resp: 598826

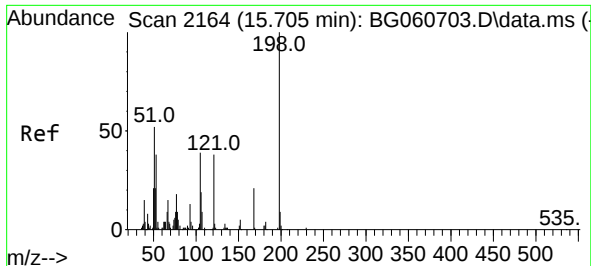
Ion Ratio Lower Upper

188 100

94 8.1 6.6 9.8

80 8.8 7.6 11.4

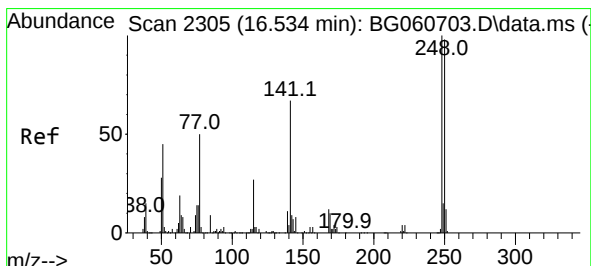
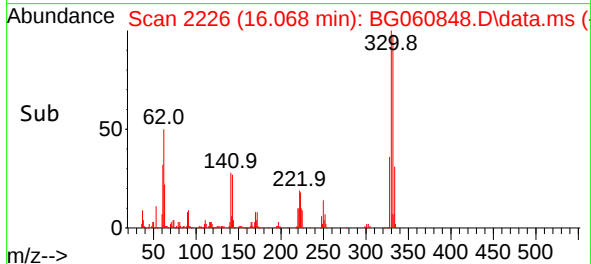
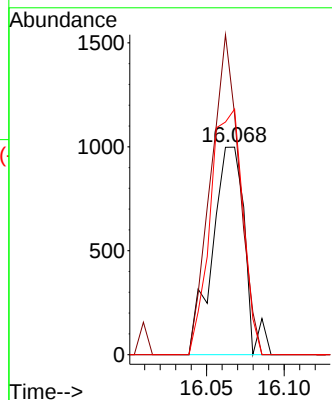
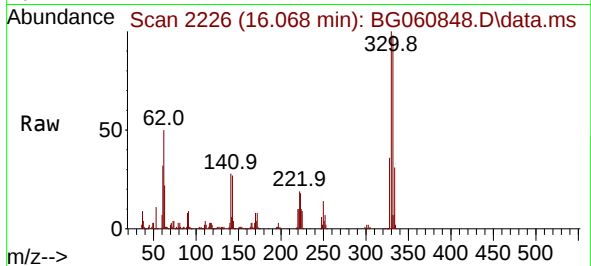




#65
4,6-Dinitro-2-methylphenol
Concen: 7.535 ng
RT: 16.068 min Scan# 2164
Delta R.T. 0.363 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

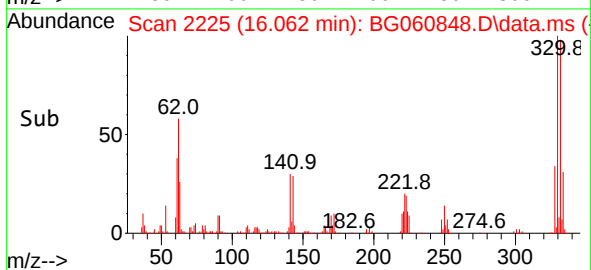
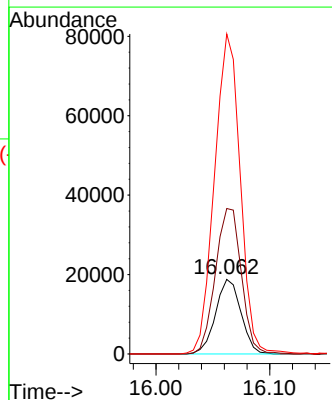
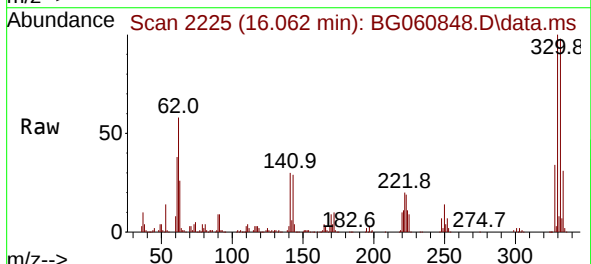
Instrument :
BNA_G
ClientSampleId :
PB160000BL

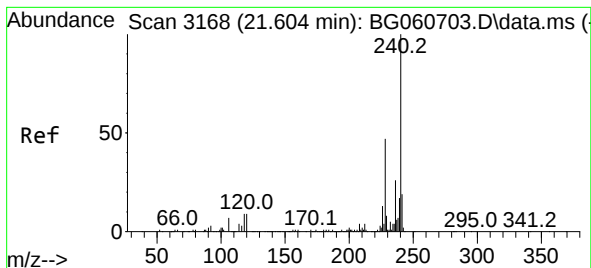
Tgt Ion:198 Resp: 1451
Ion Ratio Lower Upper
198 100
51 115.6 36.7 76.7#
105 118.3 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.799 ng
RT: 16.062 min Scan# 2225
Delta R.T. -0.472 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

Tgt Ion:248 Resp: 29167
Ion Ratio Lower Upper
248 100
250 194.9 78.3 117.5#
141 428.9 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.585 min Scan# 3165

Delta R.T. -0.019 min

Lab File: BG060848.D

Acq: 10 Apr 2024 12:20

Instrument :

BNA_G

ClientSampleId :

PB160000BL

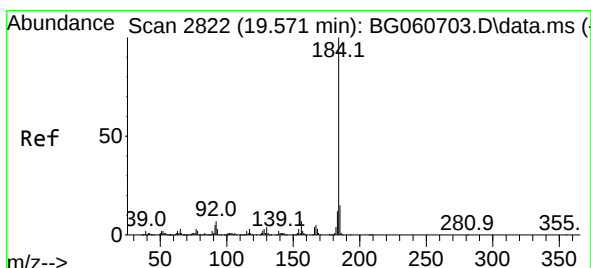
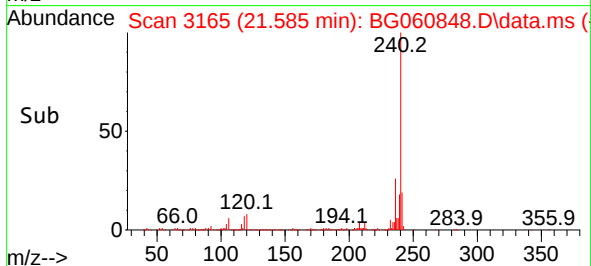
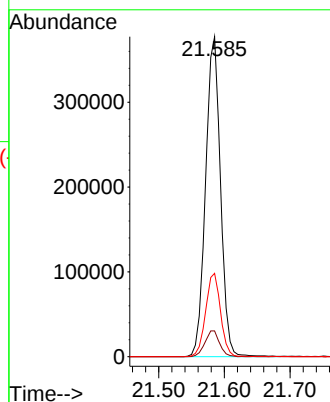
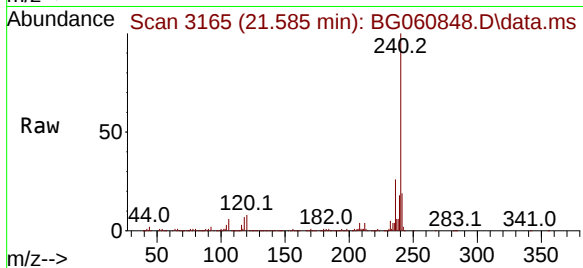
Tgt Ion:240 Resp: 596368

Ion Ratio Lower Upper

240 100

120 8.0 7.1 10.7

236 26.1 20.7 31.1



#77

Benzidine

Concen: 2.693 ng

RT: 19.952 min Scan# 2887

Delta R.T. 0.380 min

Lab File: BG060848.D

Acq: 10 Apr 2024 12:20

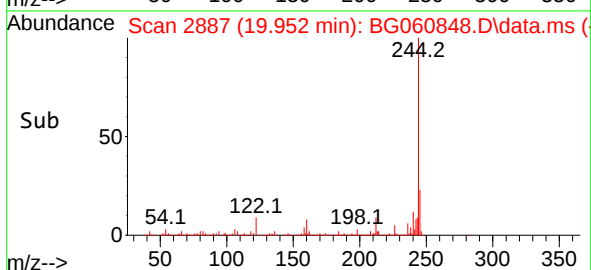
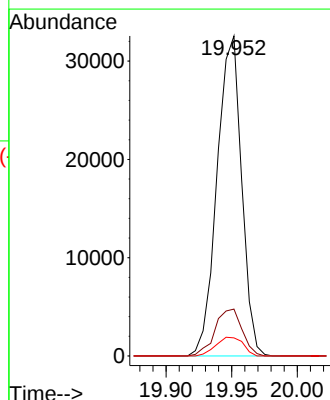
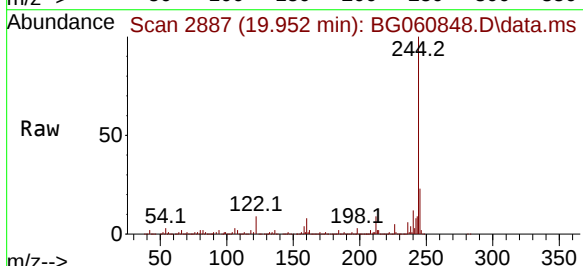
Tgt Ion:184 Resp: 42289

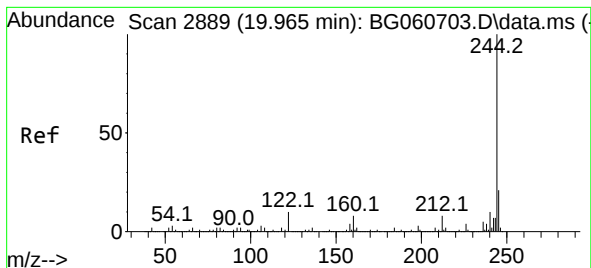
Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

183 5.6 9.5 14.3#





#79

Terphenyl-d14

Concen: 75.374 ng

RT: 19.952 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG060848.D

Acq: 10 Apr 2024 12:20

Instrument :

BNA_G

ClientSampleId :

PB160000BL

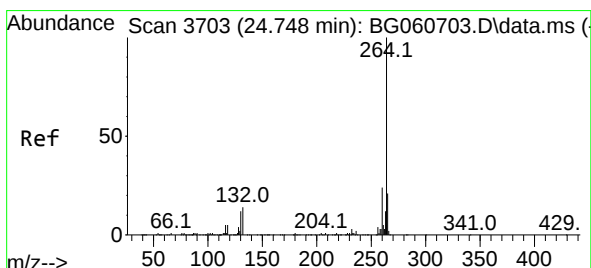
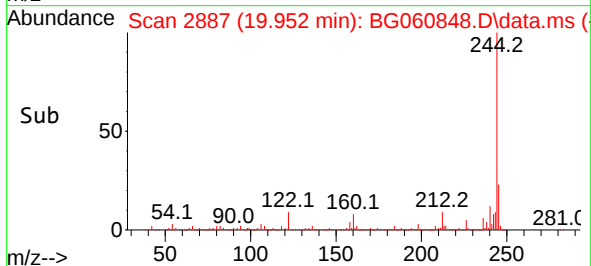
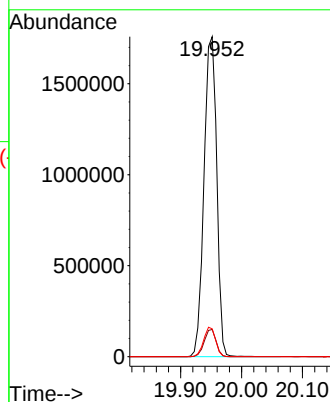
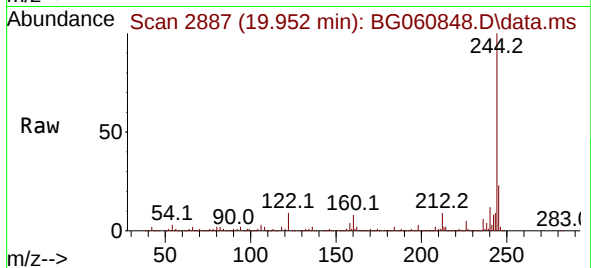
Tgt Ion:244 Resp: 2552813

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

122 8.7 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.711 min Scan# 3697

Delta R.T. -0.037 min

Lab File: BG060848.D

Acq: 10 Apr 2024 12:20

Tgt Ion:264 Resp: 679698

Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

265 21.1 16.9 25.3

