

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060748.D
 Acq On : 2 Apr 2024 22:07
 Operator : MA/JU
 Sample : P1927-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11998

Quant Time: Apr 03 00:44:56 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)

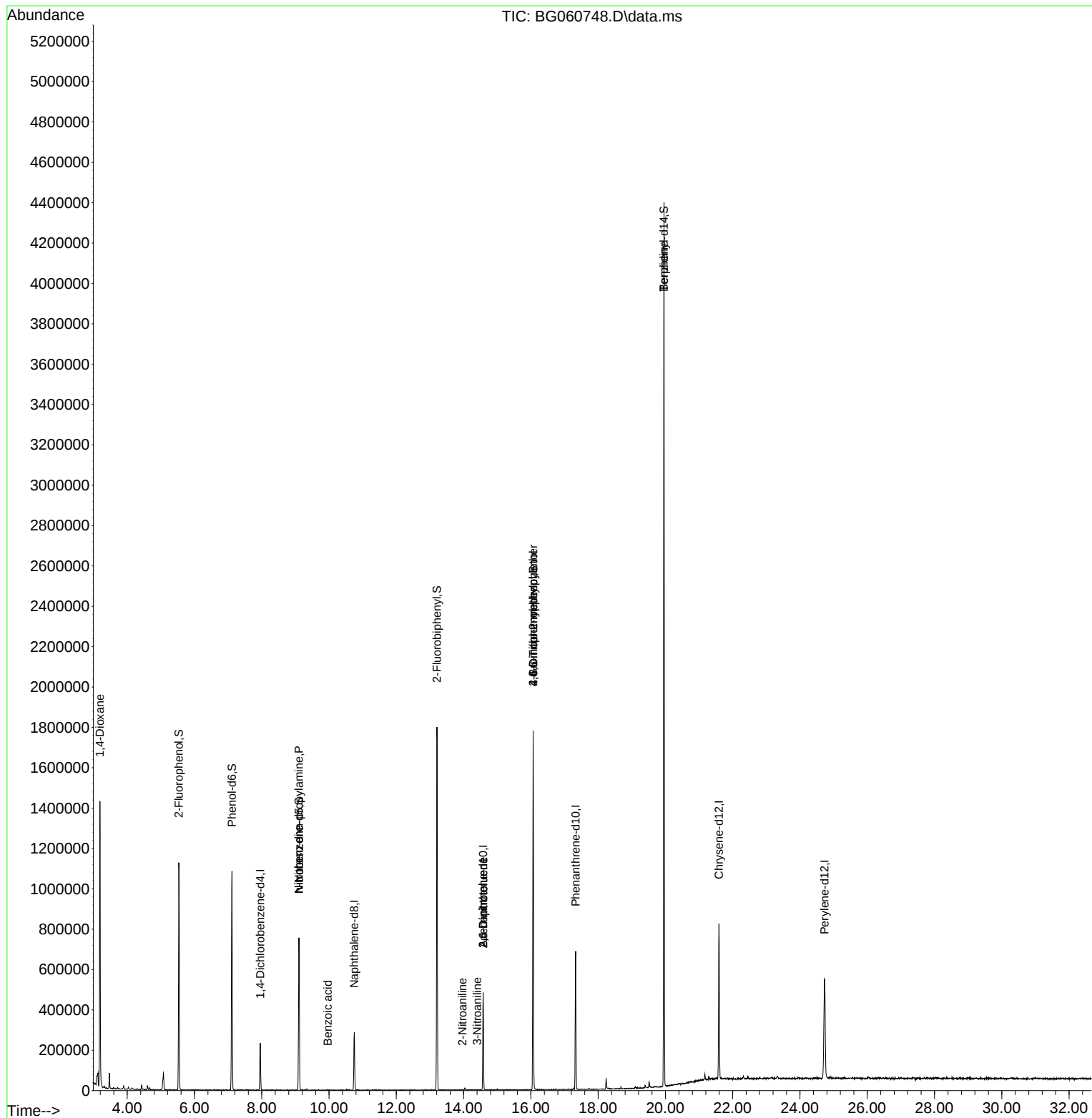
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	59849	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	230550	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	168057	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	431789	20.000	ng	0.00
76) Chrysene-d12	21.590	240	448798	20.000	ng	-0.01
86) Perylene-d12	24.728	264	526887	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	440670	122.660	ng	0.00
7) Phenol-d6	7.113	99	546567	102.491	ng	0.00
23) Nitrobenzene-d5	9.105	82	410451	101.587	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	328655	172.276	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	938417	81.951	ng	-0.01
79) Terphenyl-d14	19.957	244	2151281	84.404	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.188	88	9480	6.436	ng	# 1
19) n-Nitroso-di-n-propyla...	9.105	70	54029	13.285	ng	# 74
24) Nitrobenzene	9.105	77	1351	3.056	ng	# 32
32) Benzoic acid	9.963	122	553	7.027	ng	# 76
48) 2-Nitroaniline	13.964	65	71	2.816	ng	# 11
51) 2,6-Dinitrotoluene	14.581	165	22256	12.171	ng	# 18
53) 3-Nitroaniline	14.404	138	63	2.874	ng	# 1
57) 2,4-Dinitrotoluene	14.581	165	22256	10.235	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.067	198	935	7.482	ng	# 1
67) 4-Bromophenyl-phenylether	16.067	248	22246	5.077	ng	# 1
77) Benzidine	19.957	184	35051	2.966	ng	# 85

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060748.D
Acq On : 2 Apr 2024 22:07
Operator : MA/JU
Sample : P1927-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11998

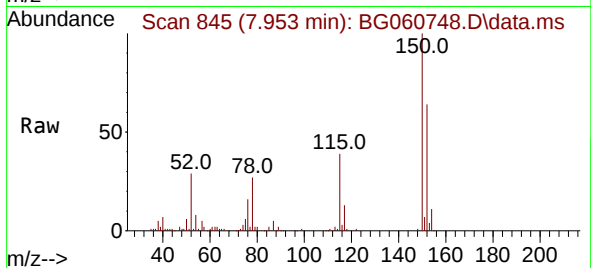
Quant Time: Apr 03 00:44:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration



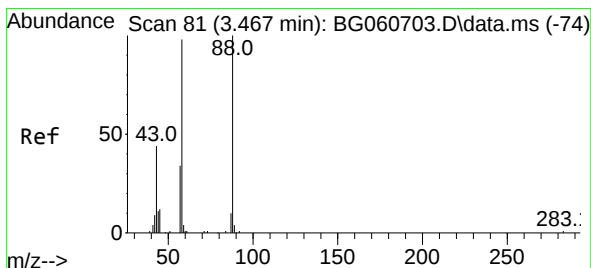
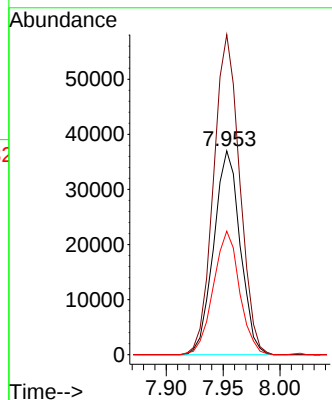
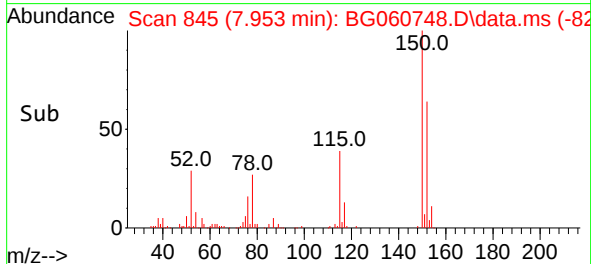


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Instrument :
BNA_G
ClientSampleId :
72-11998

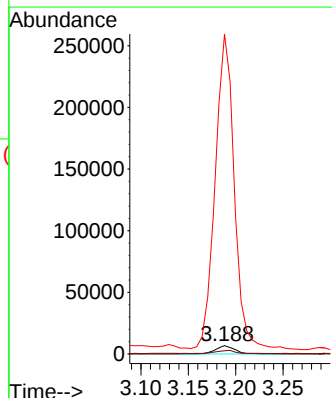
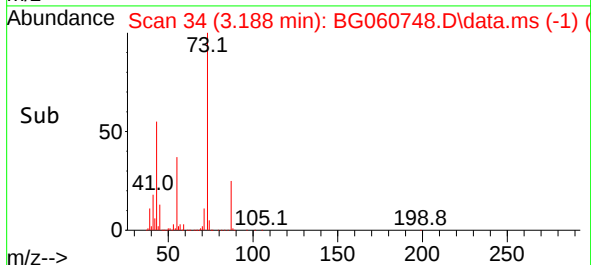
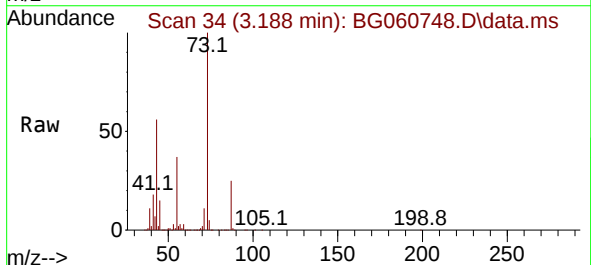


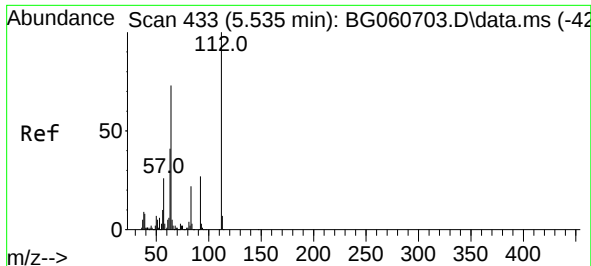
Tgt Ion:152 Resp: 59849
Ion Ratio Lower Upper
152 100
150 157.0 130.2 195.4
115 60.6 51.6 77.4



#2
1,4-Dioxane
Concen: 6.436 ng
RT: 3.188 min Scan# 34
Delta R.T. -0.279 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Tgt Ion: 88 Resp: 9480
Ion Ratio Lower Upper
88 100
58 41.4 80.9 121.3#
43 3812.1 35.4 53.0#

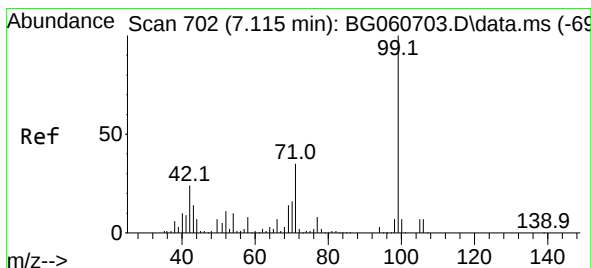
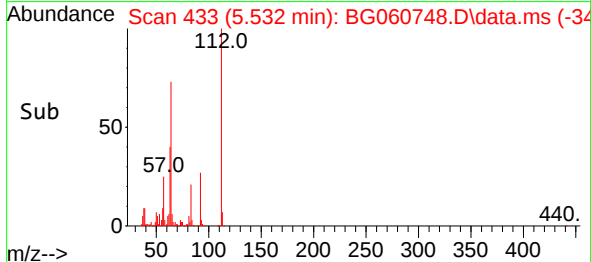
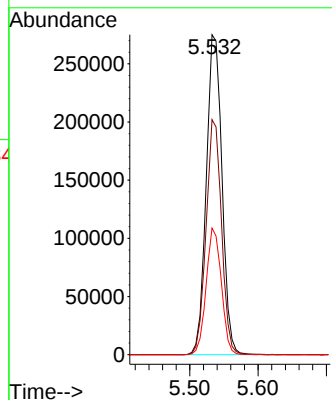
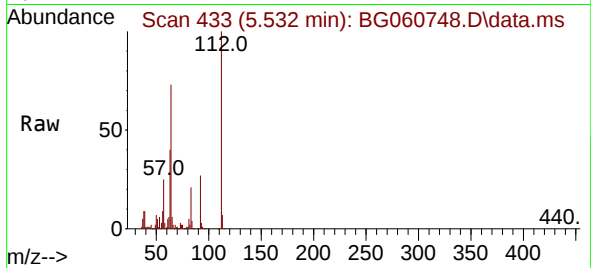




#5
2-Fluorophenol
Concen: 122.660 ng
RT: 5.532 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

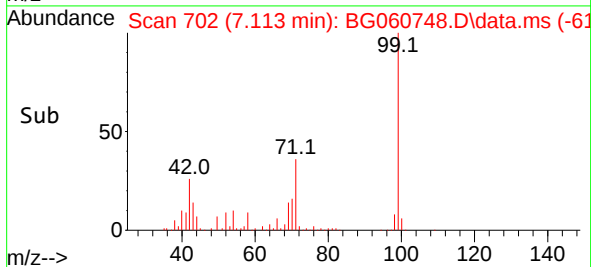
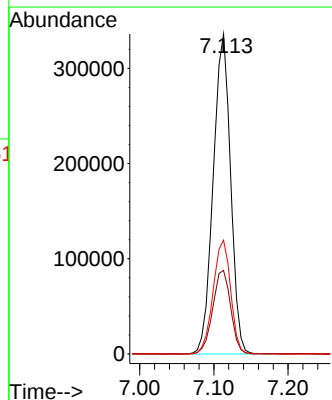
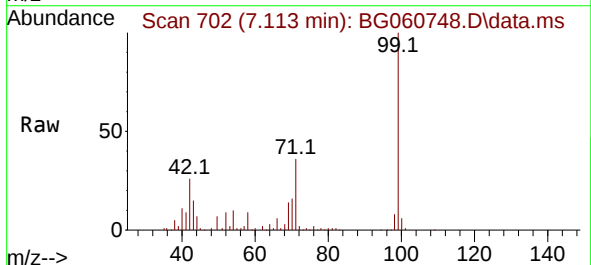
Instrument :
BNA_G
ClientSampleId :
72-11998

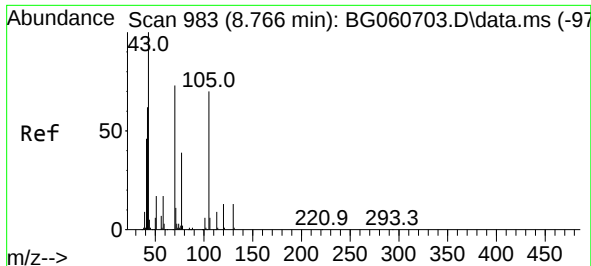
Tgt Ion:112 Resp: 440670
Ion Ratio Lower Upper
112 100
64 73.5 58.4 87.6
63 39.6 32.7 49.1



#7
Phenol-d6
Concen: 102.491 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Tgt Ion: 99 Resp: 546567
Ion Ratio Lower Upper
99 100
42 26.1 19.4 29.2
71 35.5 28.2 42.2

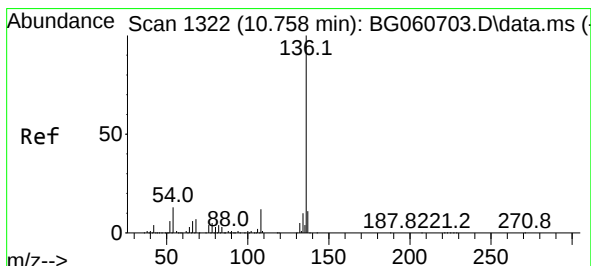
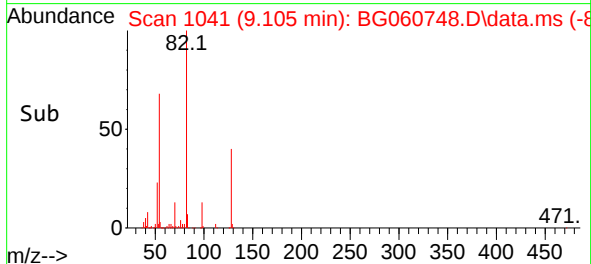
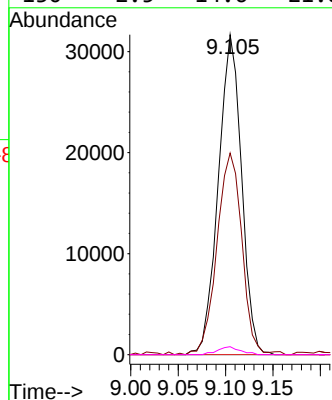
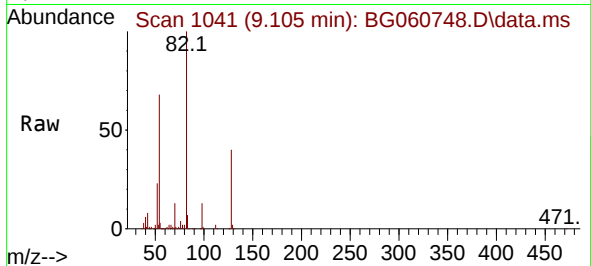




#19
n-Nitroso-di-n-propylamine
Concen: 13.285 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

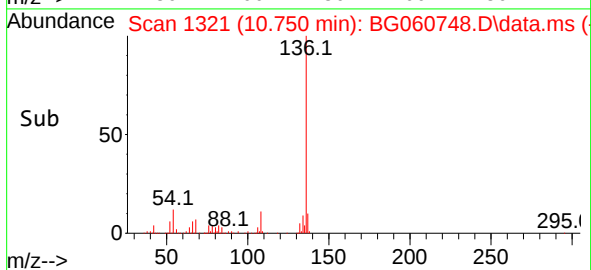
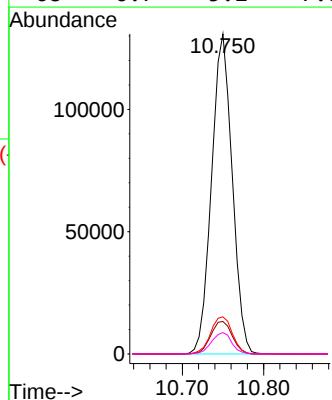
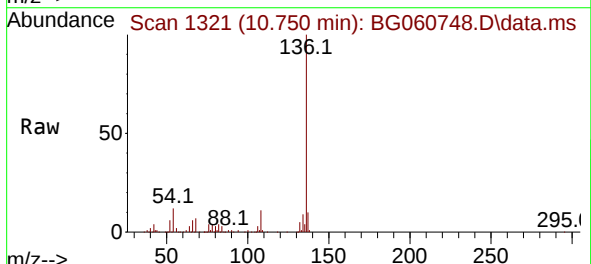
Instrument :
BNA_G
ClientSampleId :
72-11998

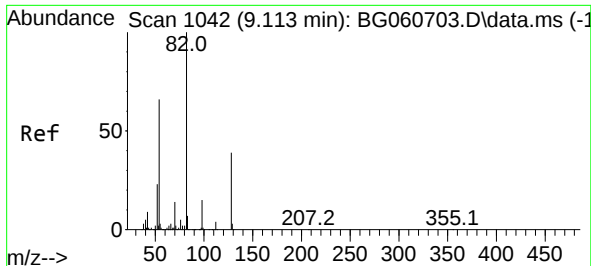
Tgt Ion:	70	Resp:	54029
Ion	Ratio	Lower	Upper
70	100		
42	63.0	68.4	102.6#
101	0.0	6.1	9.1#
130	2.5	14.6	21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Tgt Ion:	136	Resp:	230550
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	11.6	10.2	15.2
68	6.7	5.2	7.8





#23

Nitrobenzene-d5

Concen: 101.587 ng

RT: 9.105 min Scan# 1041

Delta R.T. -0.008 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

Instrument :

BNA_G

ClientSampleId :

72-11998

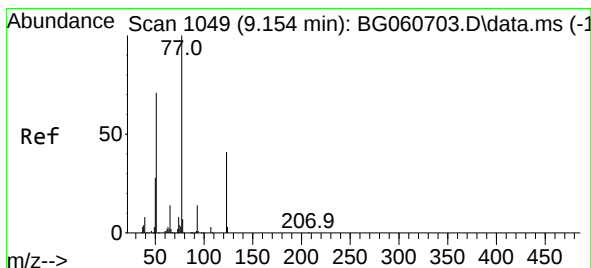
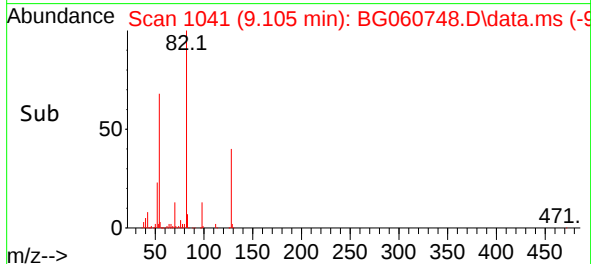
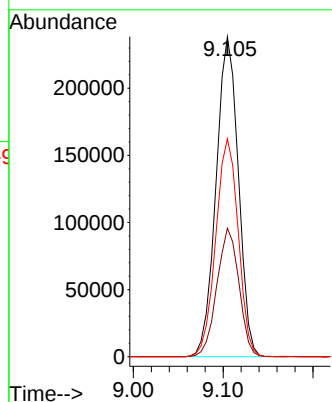
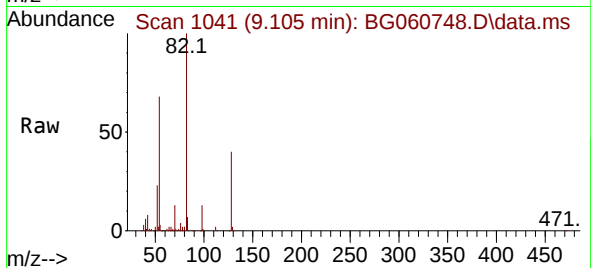
Tgt Ion: 82 Resp: 410451

Ion Ratio Lower Upper

82 100

128 40.2 31.2 46.8

54 68.1 53.2 79.8



#24

Nitrobenzene

Concen: 3.056 ng

RT: 9.105 min Scan# 1041

Delta R.T. -0.049 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

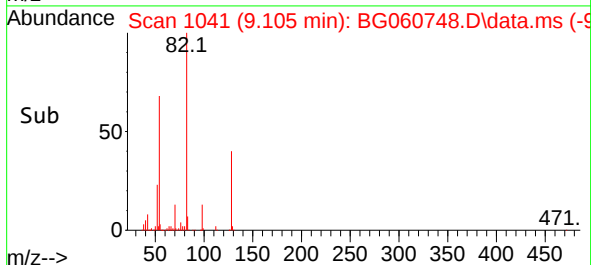
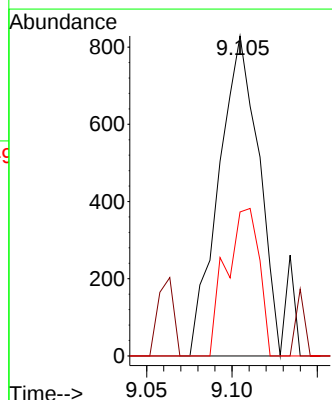
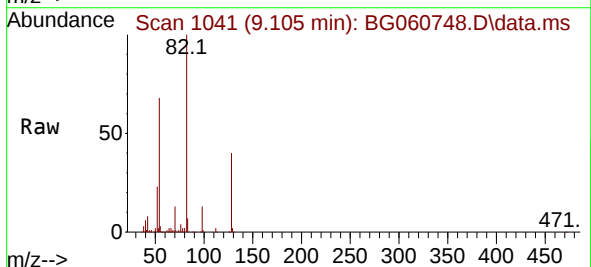
Tgt Ion: 77 Resp: 1351

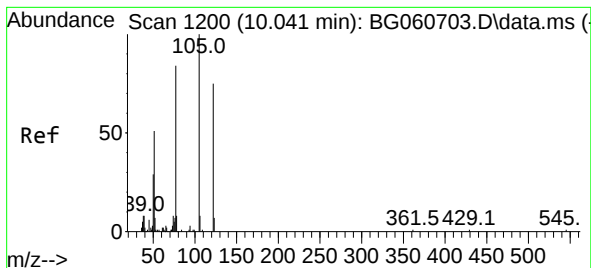
Ion Ratio Lower Upper

77 100

123 0.0 32.7 49.1#

65 45.0 11.3 16.9#





#32

Benzoic acid

Concen: 7.027 ng

RT: 9.963 min Scan# 1187

Delta R.T. -0.078 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

Instrument :

BNA_G

ClientSampleId :

72-11998

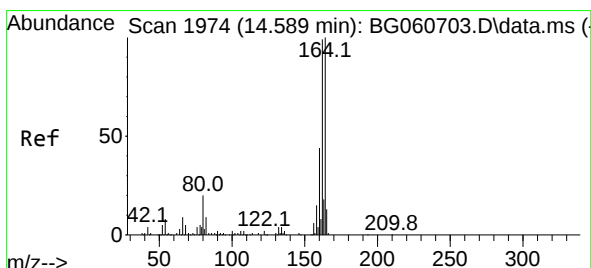
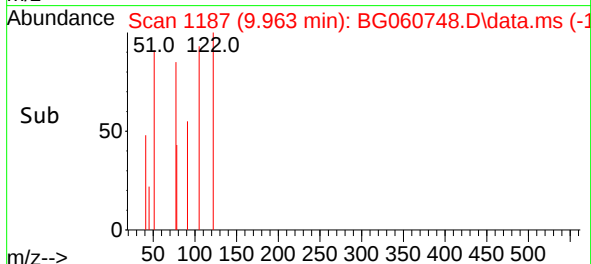
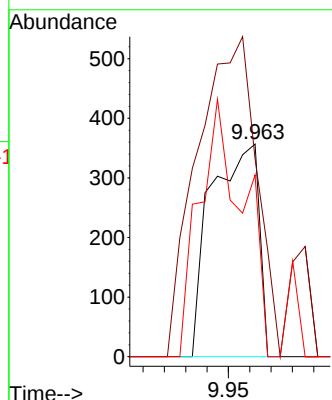
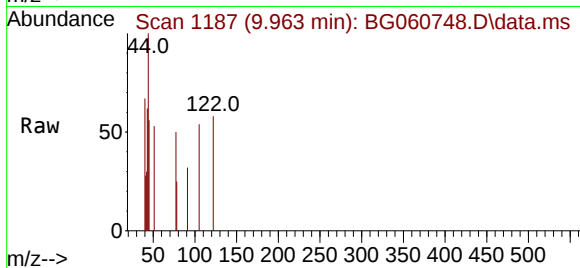
Tgt Ion:122 Resp: 553

Ion Ratio Lower Upper

122 100

105 93.0 104.5 144.5#

77 85.4 85.3 125.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.581 min Scan# 1973

Delta R.T. -0.008 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

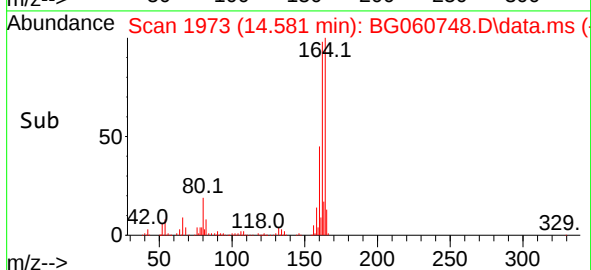
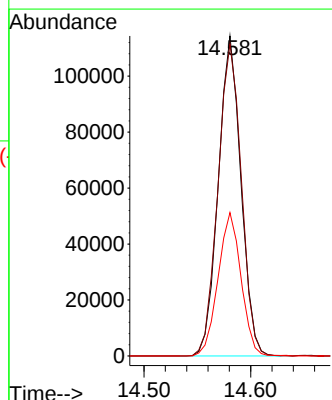
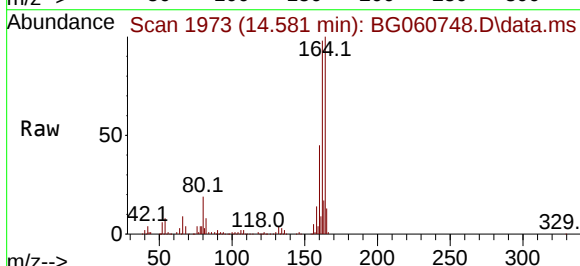
Tgt Ion:164 Resp: 168057

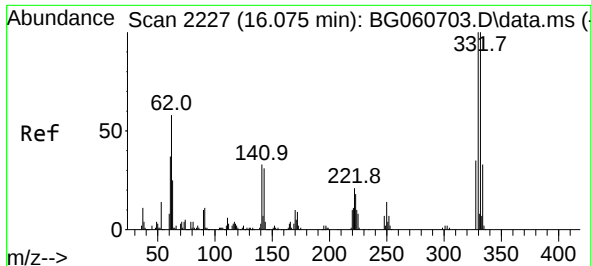
Ion Ratio Lower Upper

164 100

162 97.5 79.5 119.3

160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 172.276 ng

RT: 16.067 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

Instrument :

BNA_G

ClientSampleId :

72-11998

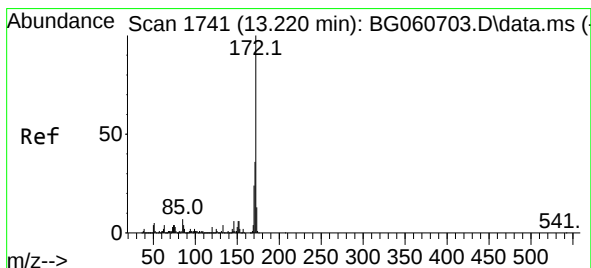
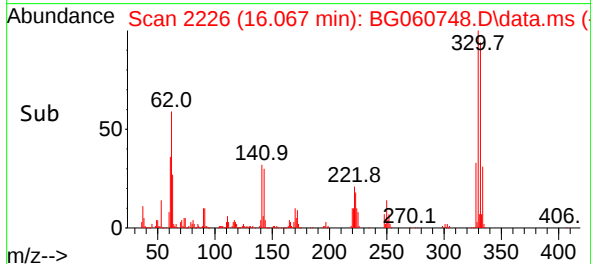
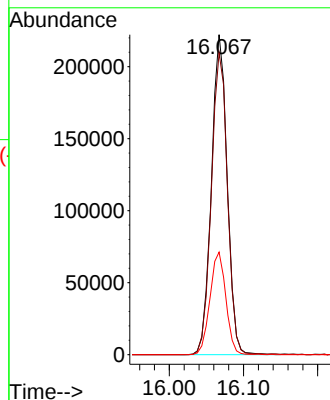
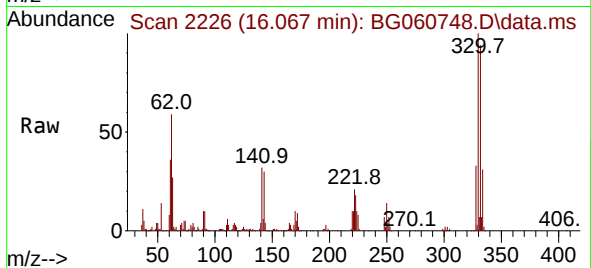
Tgt Ion:330 Resp: 328655

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.4

141 32.3 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 81.951 ng

RT: 13.206 min Scan# 1739

Delta R.T. -0.014 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

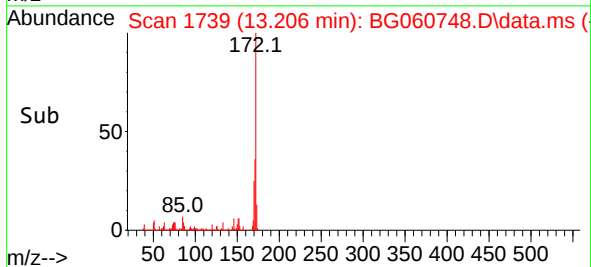
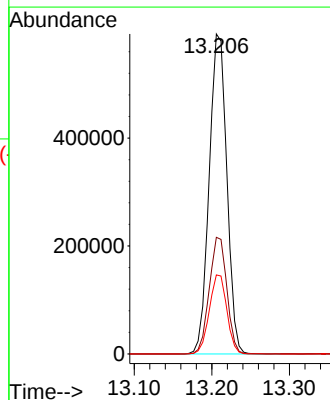
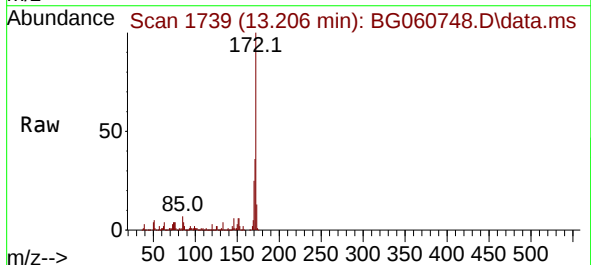
Tgt Ion:172 Resp: 938417

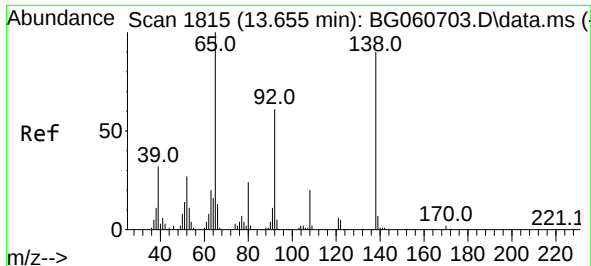
Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

170 24.7 19.4 29.0

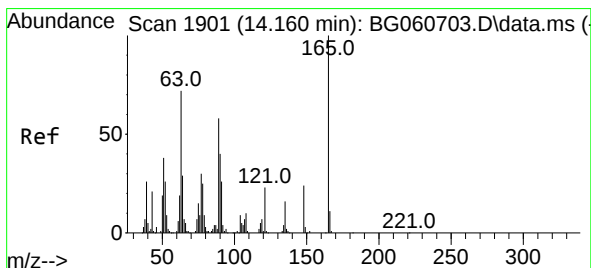
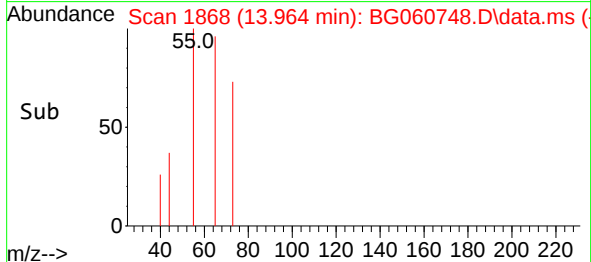
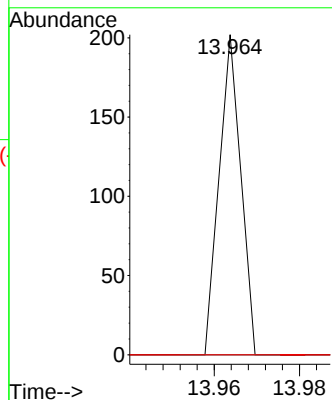
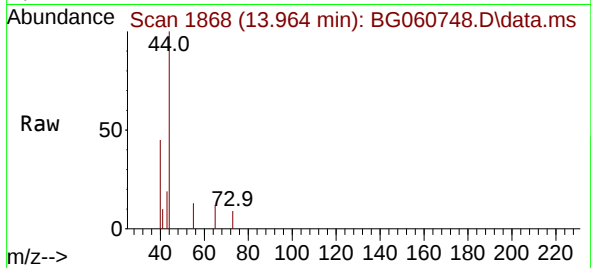




#48
2-Nitroaniline
Concen: 2.816 ng
RT: 13.964 min Scan# 11
Delta R.T. 0.309 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

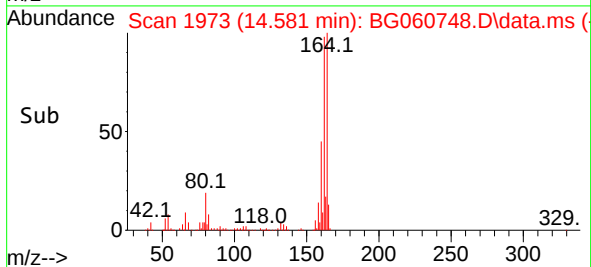
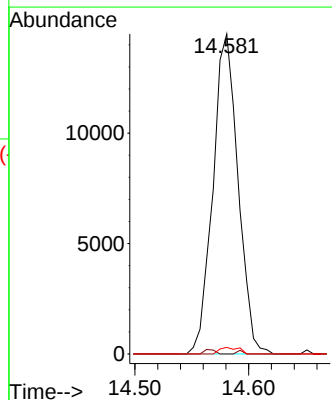
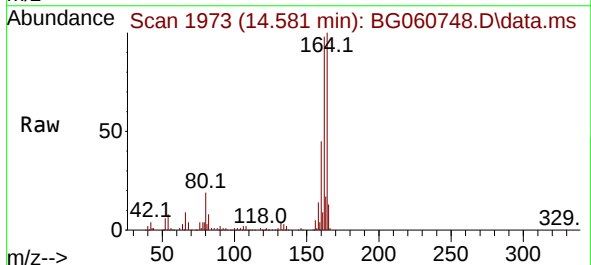
Instrument :
BNA_G
ClientSampleId :
72-11998

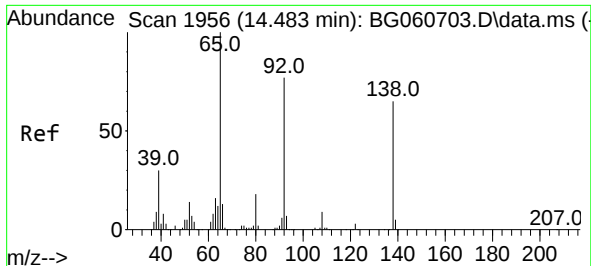
Tgt Ion: 65 Resp: 71
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.171 ng
RT: 14.581 min Scan# 1973
Delta R.T. 0.421 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Tgt Ion:165 Resp: 22256
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 2.1 46.1 69.1#

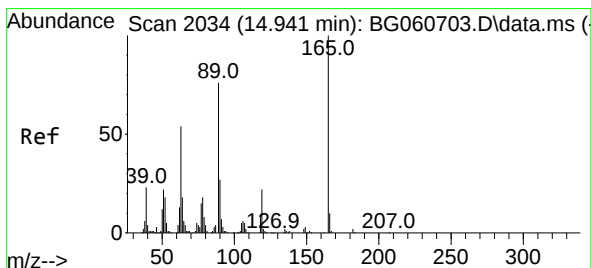
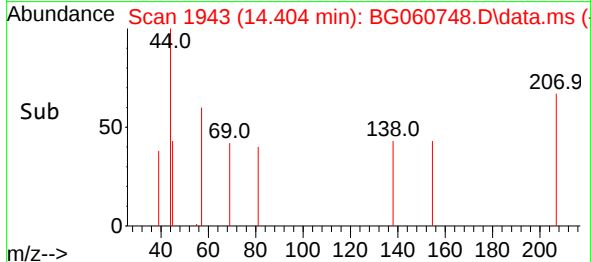
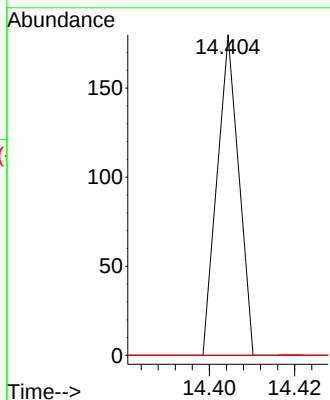
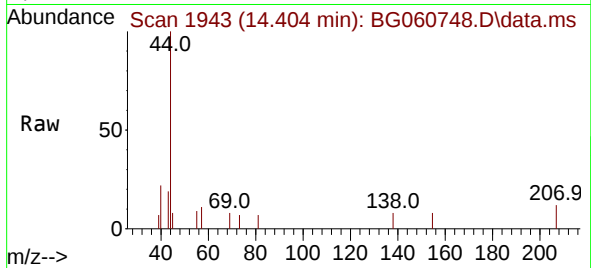




#53
3-Nitroaniline
Concen: 2.874 ng
RT: 14.404 min Scan# 1956
Delta R.T. -0.079 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

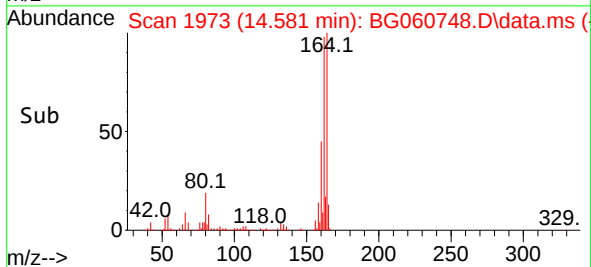
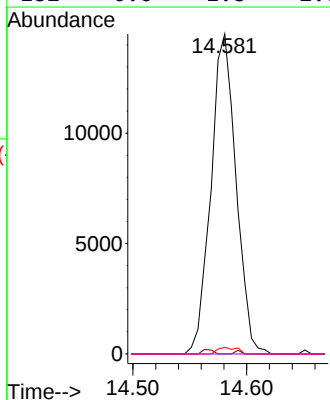
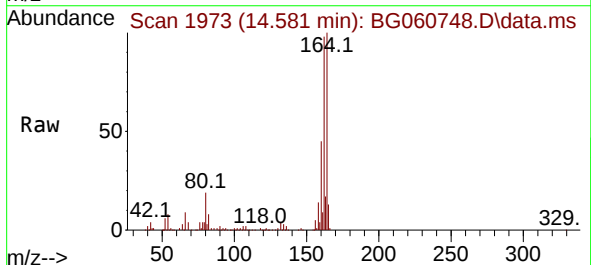
Instrument :
BNA_G
ClientSampleId :
72-11998

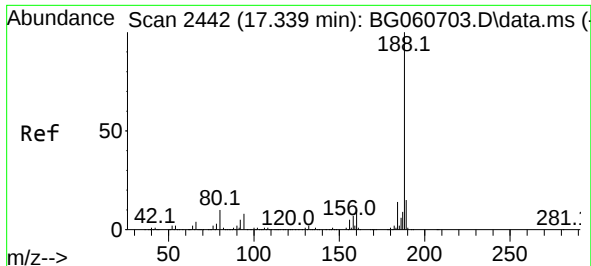
Tgt Ion:138 Resp: 63
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.235 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.360 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Tgt Ion:165 Resp: 22256
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 2.1 61.0 91.6#
182 0.0 1.8 2.6#

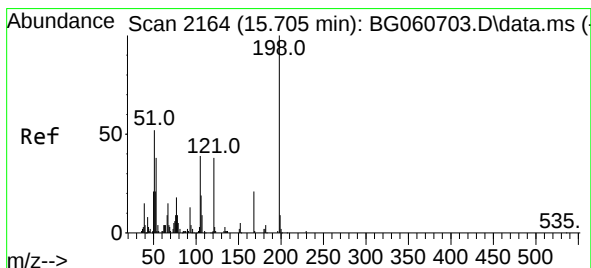
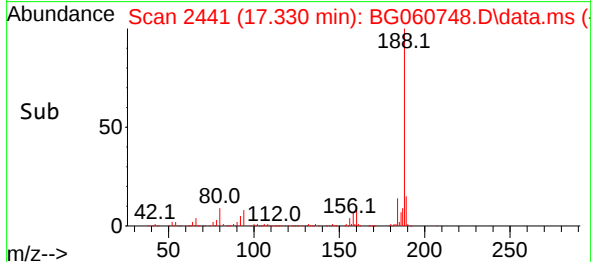
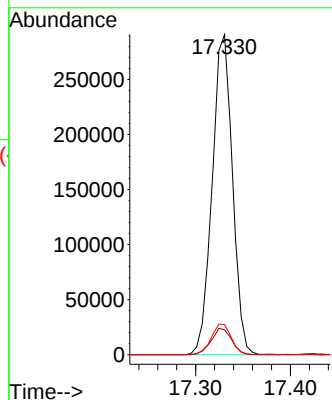
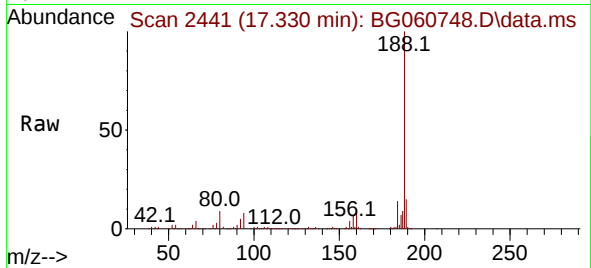




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2442
Delta R.T. -0.008 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

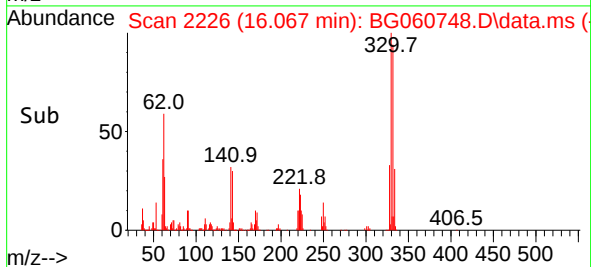
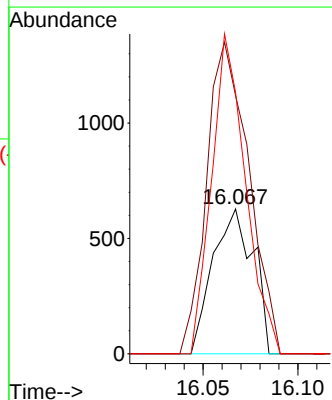
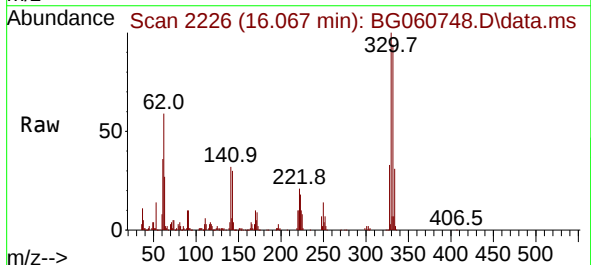
Instrument :
BNA_G
ClientSampleId :
72-11998

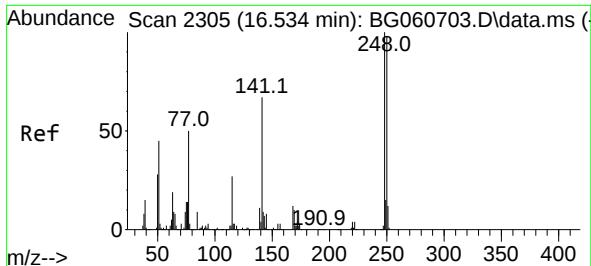
Tgt Ion:188 Resp: 431789
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 9.4 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.482 ng
RT: 16.067 min Scan# 2226
Delta R.T. 0.362 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Tgt Ion:198 Resp: 935
Ion Ratio Lower Upper
198 100
51 178.2 36.7 76.7#
105 180.3 19.1 59.1#

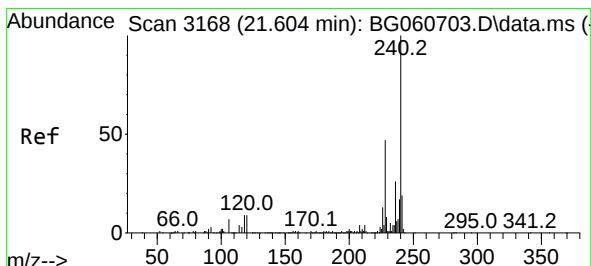
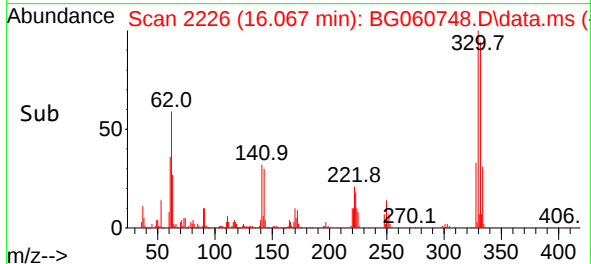
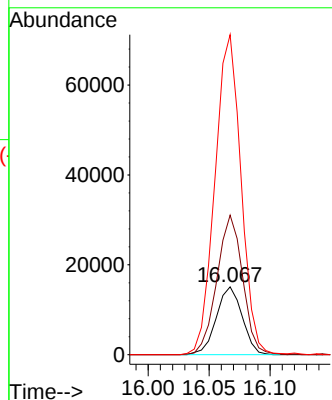
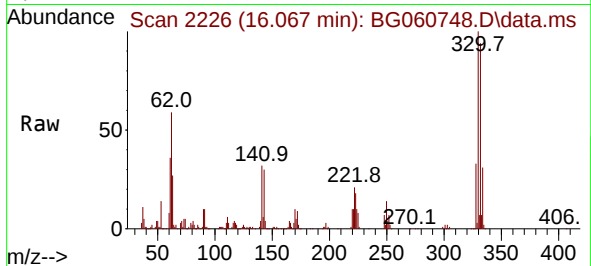




#67
4-Bromophenyl-phenylether
Concen: 5.077 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.467 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

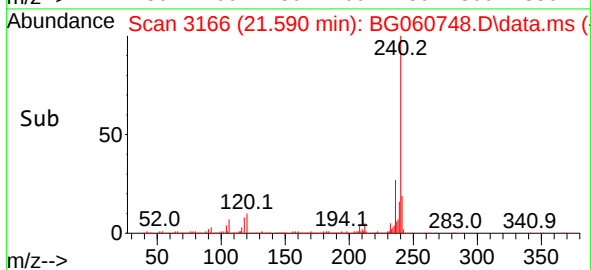
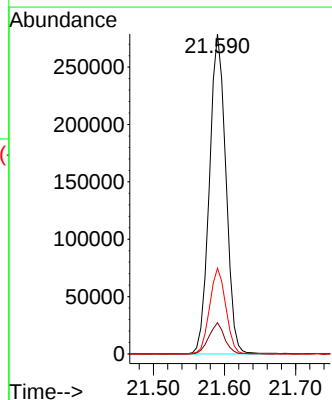
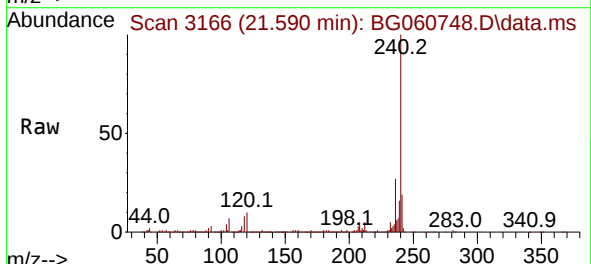
Instrument :
BNA_G
ClientSampleId :
72-11998

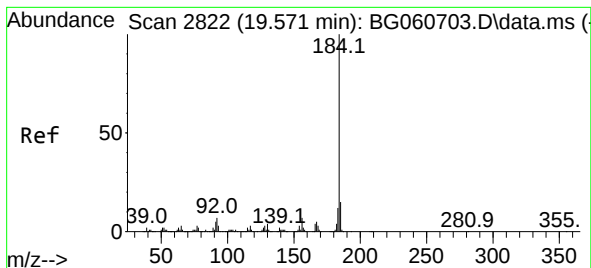
Tgt Ion:248 Resp: 22246
Ion Ratio Lower Upper
248 100
250 205.8 78.3 117.5#
141 471.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Tgt Ion:240 Resp: 448798
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 26.8 20.7 31.1





#77

Benzidine

Concen: 2.966 ng

RT: 19.957 min Scan# 2888

Delta R.T. 0.385 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

Instrument :

BNA_G

ClientSampleId :

72-11998

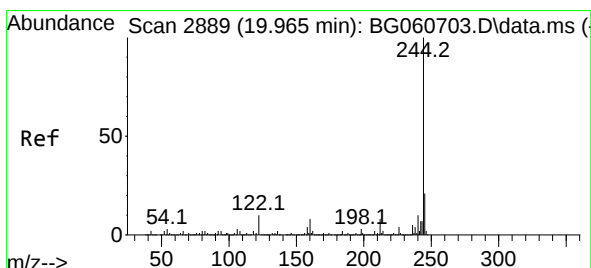
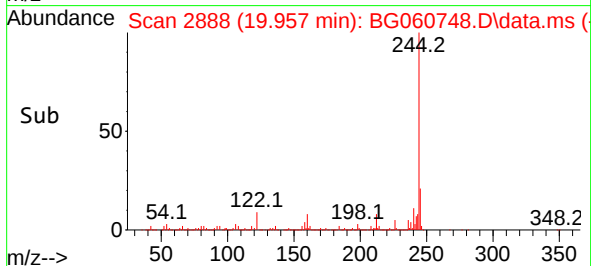
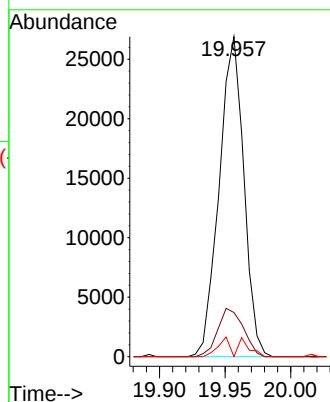
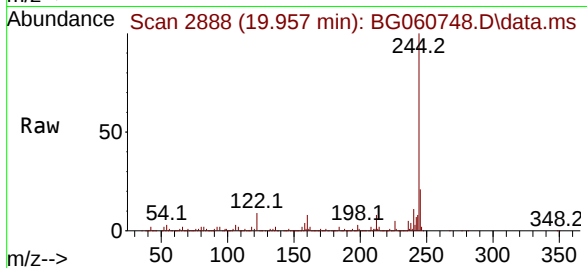
Tgt Ion:184 Resp: 35051

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.6

183 0.0 9.5 14.3#



#79

Terphenyl-d14

Concen: 84.404 ng

RT: 19.957 min Scan# 2888

Delta R.T. -0.008 min

Lab File: BG060748.D

Acq: 2 Apr 2024 22:07

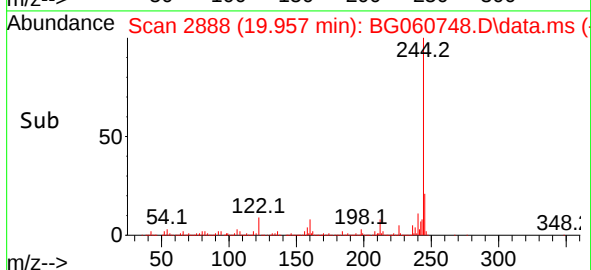
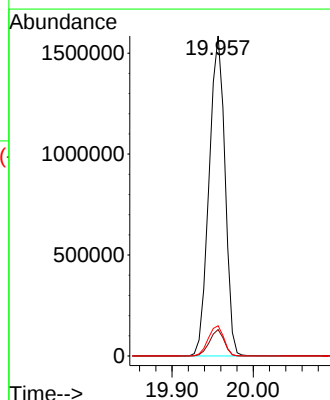
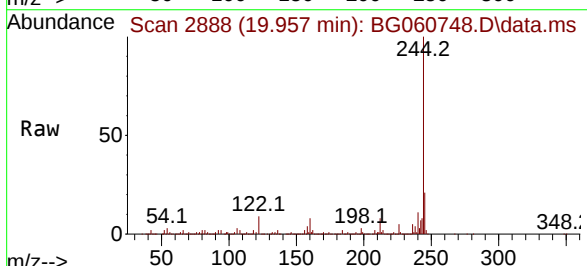
Tgt Ion:244 Resp: 2151281

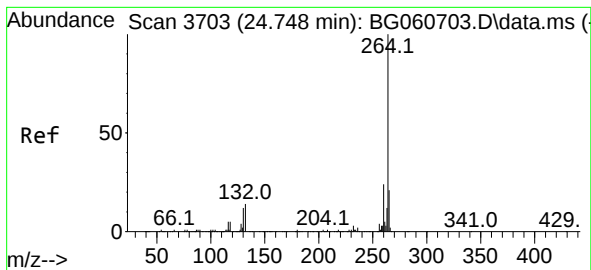
Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

122 9.5 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.728 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG060748.D
Acq: 2 Apr 2024 22:07

Instrument :
BNA_G
ClientSampleId :
72-11998

Tgt Ion:264 Resp: 526887

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	16.9	25.3

