

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060745.D
 Acq On : 2 Apr 2024 20:05
 Operator : MA/JU
 Sample : P1927-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11991

Quant Time: Apr 03 00:43:00 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)

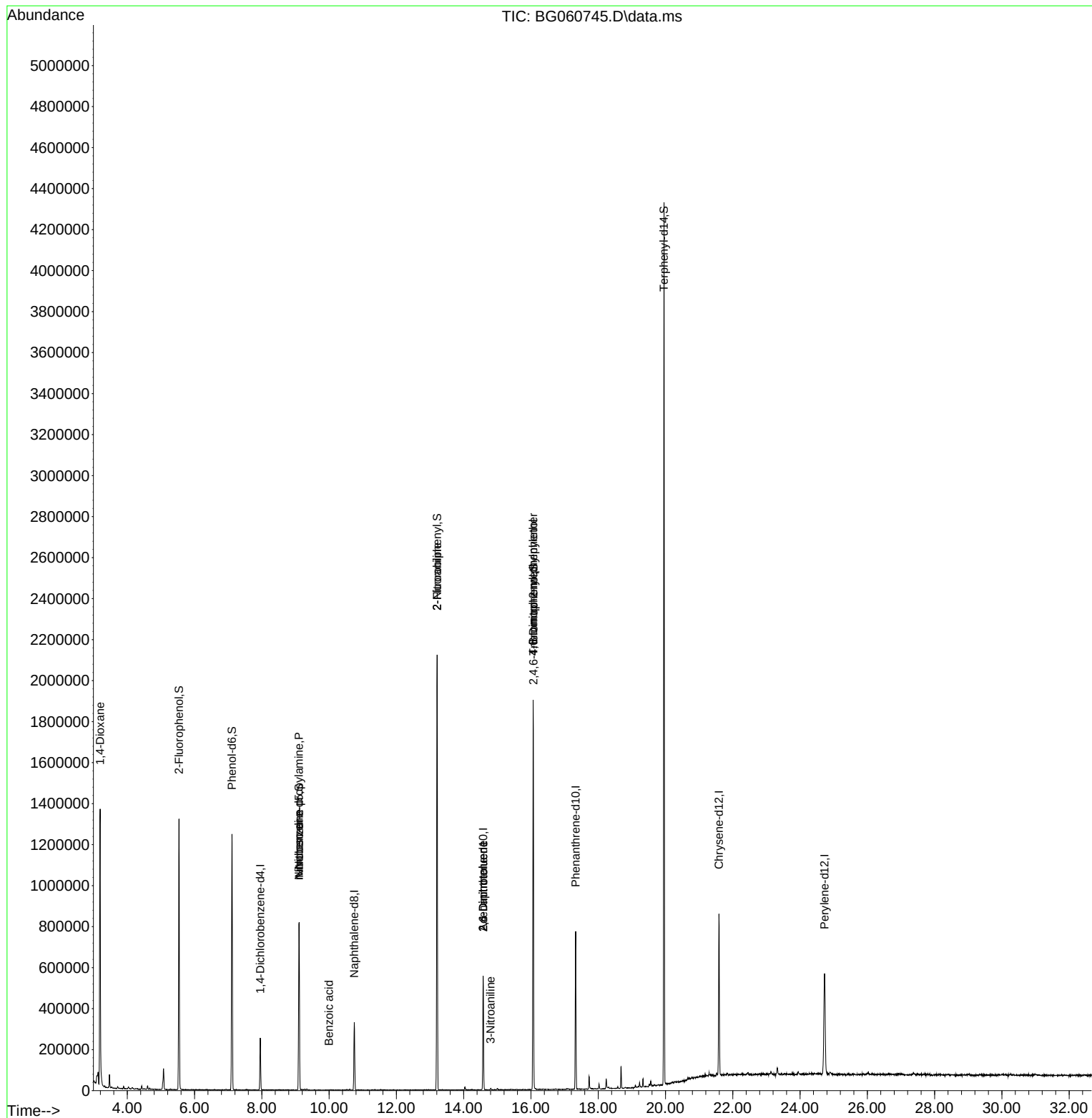
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	66624	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	261388	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	194334	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	474676	20.000	ng	0.00
76) Chrysene-d12	21.589	240	457540	20.000	ng	-0.02
86) Perylene-d12	24.727	264	535686	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	502396	125.621	ng	0.00
7) Phenol-d6	7.112	99	639334	107.695	ng	0.00
23) Nitrobenzene-d5	9.104	82	455435	99.422	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	358755	162.627	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	1099918	83.067	ng	0.00
79) Terphenyl-d14	19.956	244	2149040	82.705	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	10630	6.483	ng	# 1
19) n-Nitroso-di-n-propyla...	9.104	70	62472	13.799	ng	# 75
24) Nitrobenzene	9.110	77	1543	3.058	ng	# 41
32) Benzoic acid	9.991	122	58	6.854	ng	# 1
48) 2-Nitroaniline	13.211	65	2204	3.479	ng	# 13
51) 2,6-Dinitrotoluene	14.580	165	24990	11.919	ng	# 19
53) 3-Nitroaniline	14.803	138	684	3.064	ng	# 32
57) 2,4-Dinitrotoluene	14.580	165	24990	10.034	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.066	198	1145	7.533	ng	# 1
67) 4-Bromophenyl-phenylether	16.066	248	25517	5.297	ng	# 1

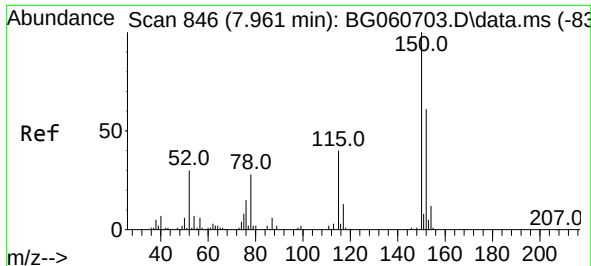
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
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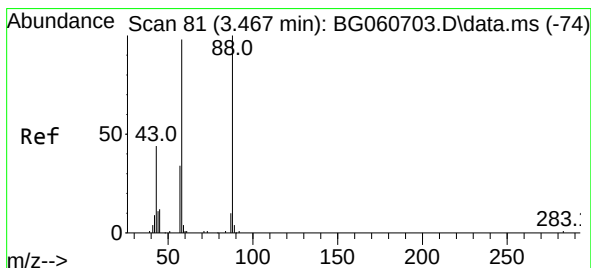
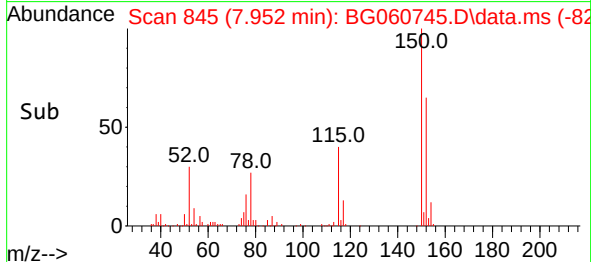
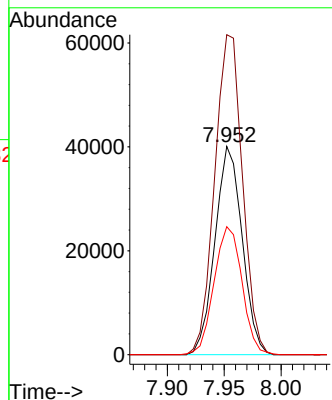
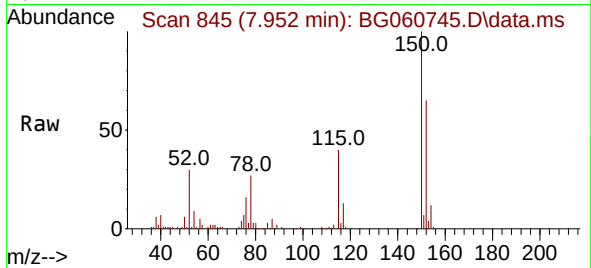




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.952 min Scan# 84
 Delta R.T. -0.009 min
 Lab File: BG060745.D
 Acq: 2 Apr 2024 20:05

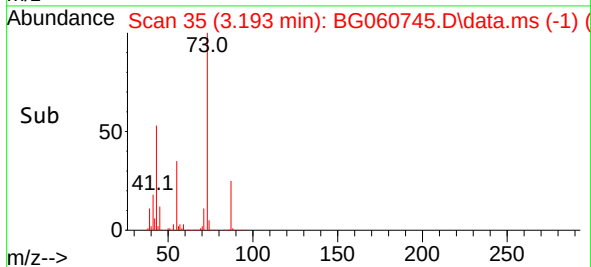
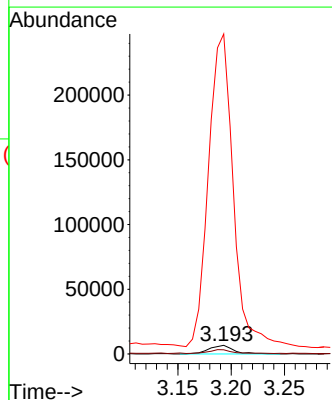
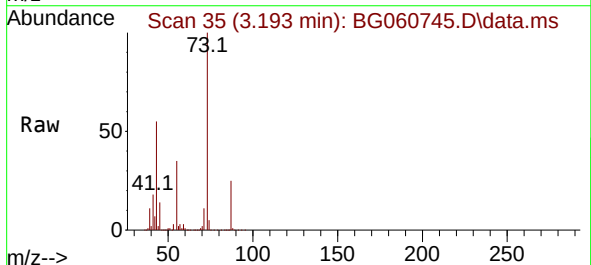
Instrument :
 BNA_G
 ClientSampleId :
 72-11991

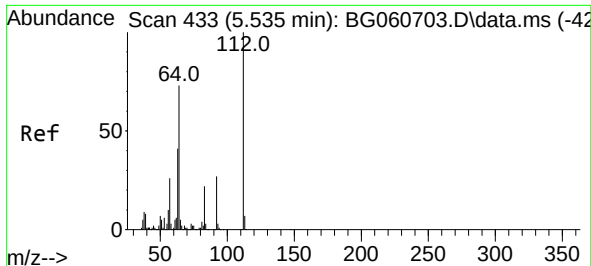
Tgt Ion:152 Resp: 66624
 Ion Ratio Lower Upper
 152 100
 150 153.7 130.2 195.4
 115 61.5 51.6 77.4



#2
 1,4-Dioxane
 Concen: 6.483 ng
 RT: 3.193 min Scan# 35
 Delta R.T. -0.274 min
 Lab File: BG060745.D
 Acq: 2 Apr 2024 20:05

Tgt Ion: 88 Resp: 10630
 Ion Ratio Lower Upper
 88 100
 58 41.5 80.9 121.3#
 43 3708.0 35.4 53.0#

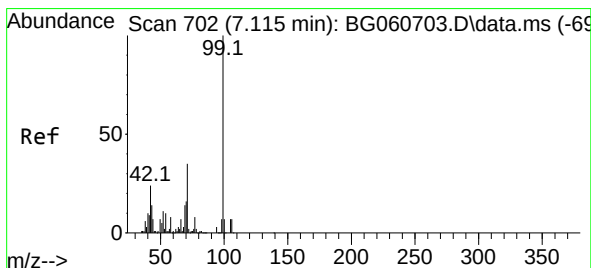
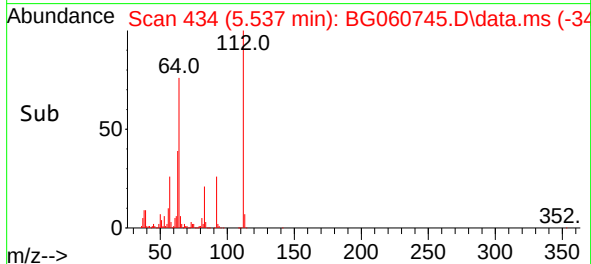
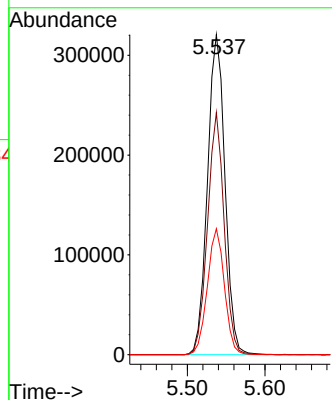
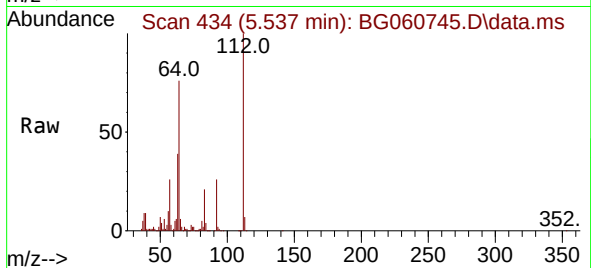




#5
2-Fluorophenol
Concen: 125.621 ng
RT: 5.537 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

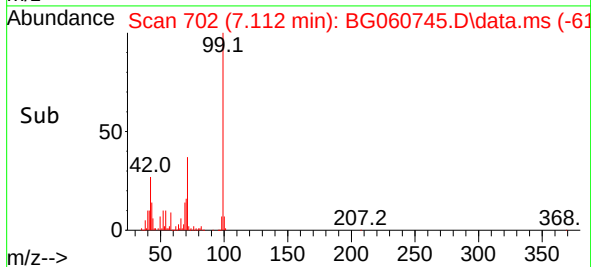
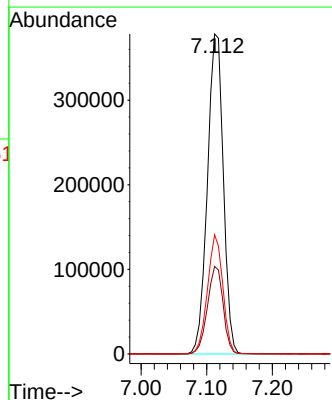
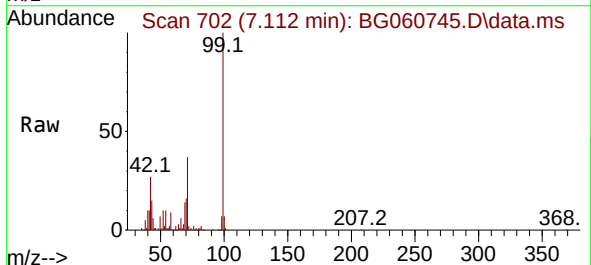
Instrument :
BNA_G
ClientSampleId :
72-11991

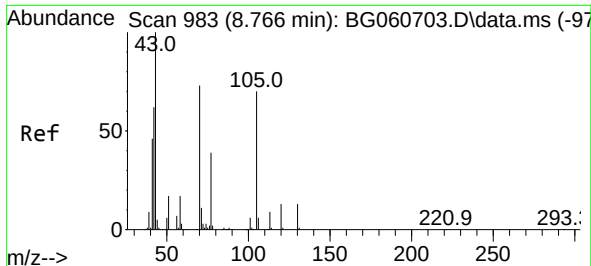
Tgt Ion:112 Resp: 502396
Ion Ratio Lower Upper
112 100
64 75.7 58.4 87.6
63 39.3 32.7 49.1



#7
Phenol-d6
Concen: 107.695 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

Tgt Ion: 99 Resp: 639334
Ion Ratio Lower Upper
99 100
42 27.4 19.4 29.2
71 37.3 28.2 42.2

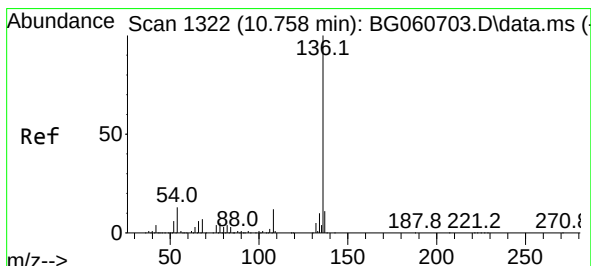
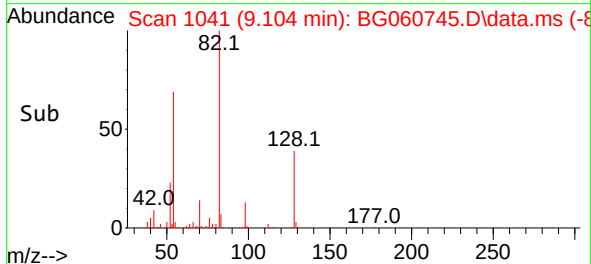
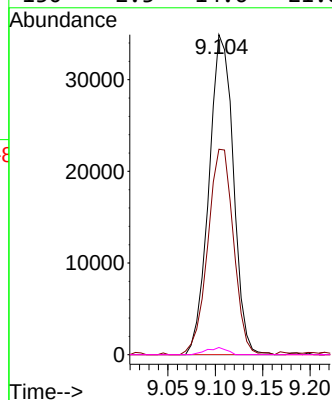
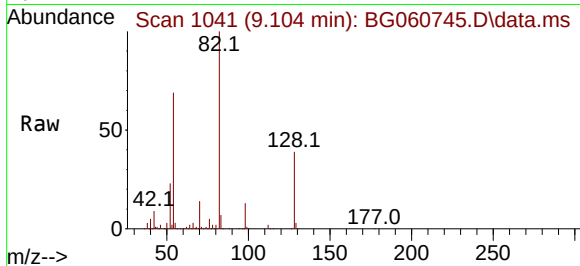




#19
n-Nitroso-di-n-propylamine
Concen: 13.799 ng
RT: 9.104 min Scan# 1041
Delta R.T. 0.338 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

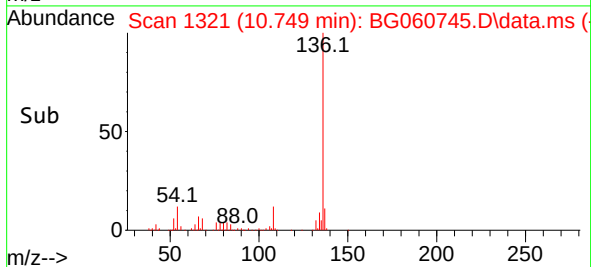
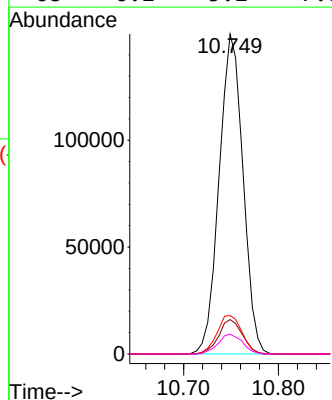
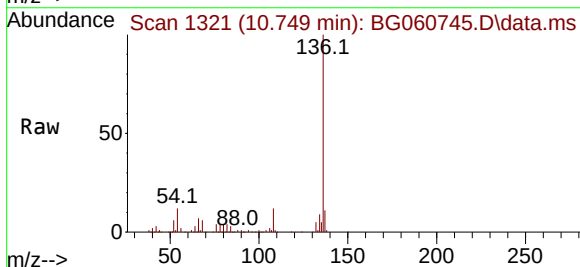
Instrument :
BNA_G
ClientSampleId :
72-11991

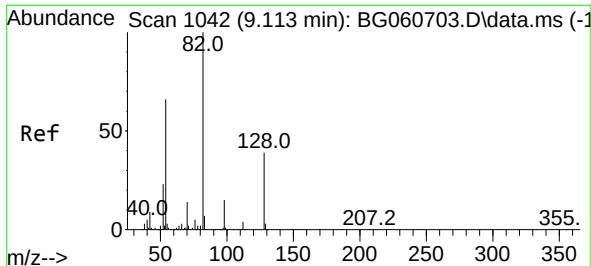
Tgt Ion: 70 Resp: 62472
Ion Ratio Lower Upper
70 100
42 64.2 68.4 102.6#
101 0.0 6.1 9.1#
130 2.3 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

Tgt Ion: 136 Resp: 261388
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 12.0 10.2 15.2
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 99.422 ng

RT: 9.104 min Scan# 1041

Delta R.T. -0.009 min

Lab File: BG060745.D

Acq: 2 Apr 2024 20:05

Instrument :

BNA_G

ClientSampleId :

72-11991

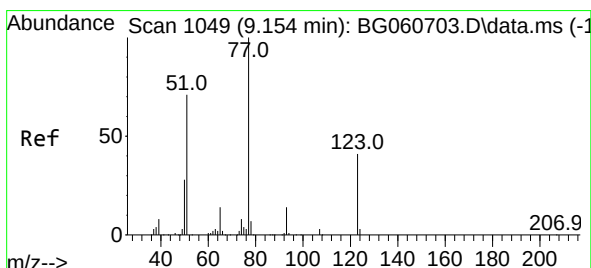
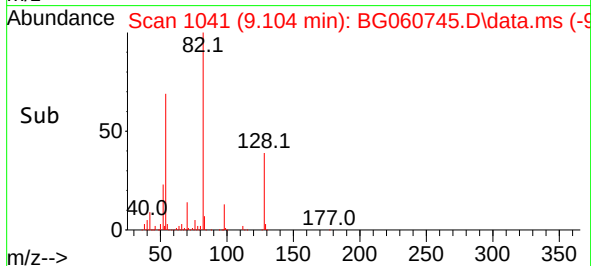
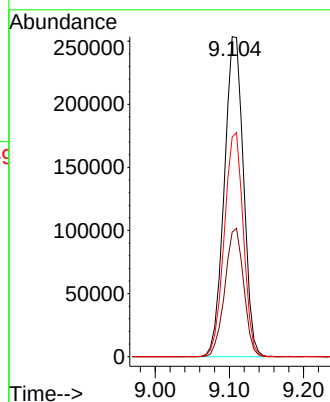
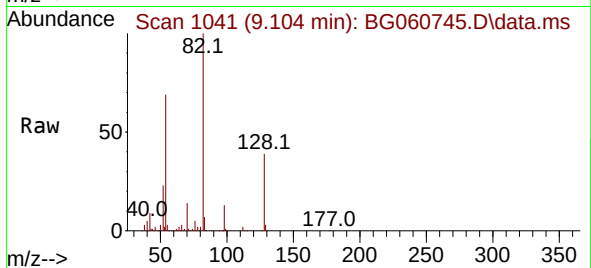
Tgt Ion: 82 Resp: 455435

Ion Ratio Lower Upper

82 100

128 38.9 31.2 46.8

54 68.6 53.2 79.8



#24

Nitrobenzene

Concen: 3.058 ng

RT: 9.110 min Scan# 1042

Delta R.T. -0.044 min

Lab File: BG060745.D

Acq: 2 Apr 2024 20:05

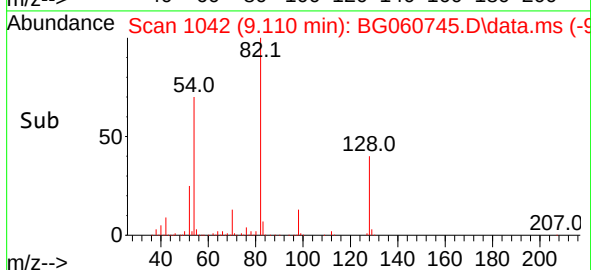
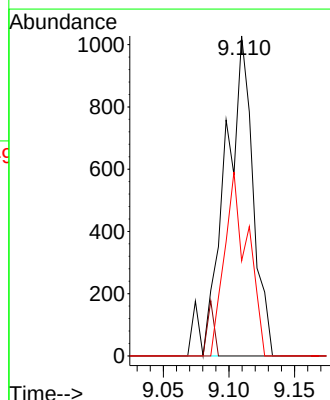
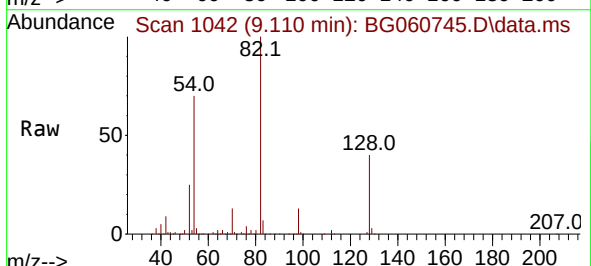
Tgt Ion: 77 Resp: 1543

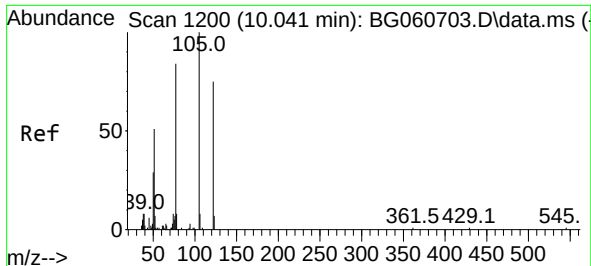
Ion Ratio Lower Upper

77 100

123 0.0 32.7 49.1#

65 29.7 11.3 16.9#

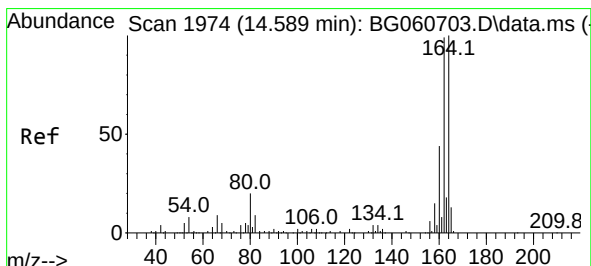
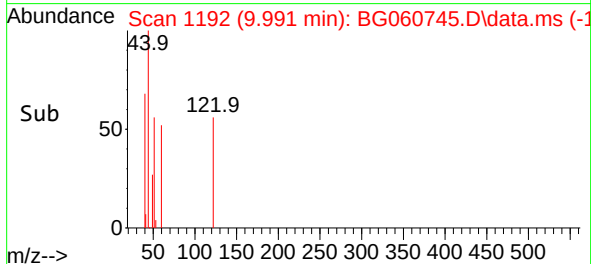
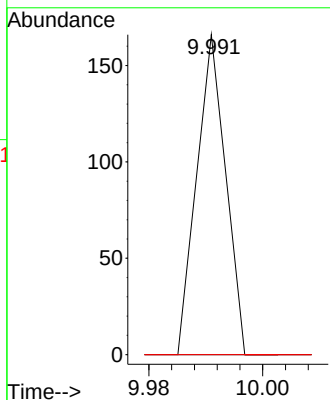
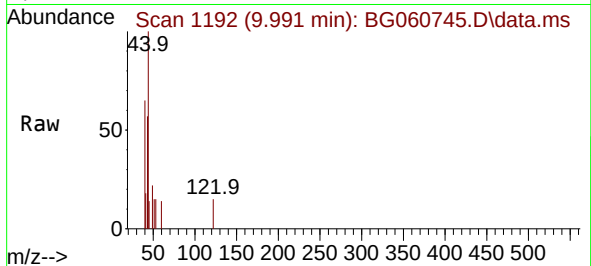




#32
Benzoic acid
Concen: 6.854 ng
RT: 9.991 min Scan# 11
Delta R.T. -0.050 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

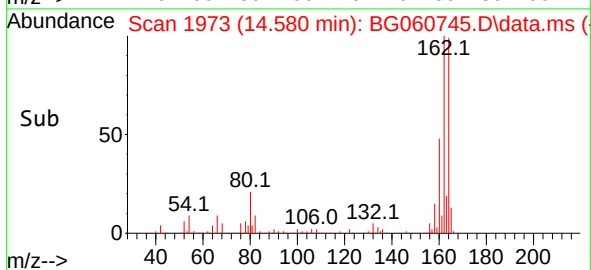
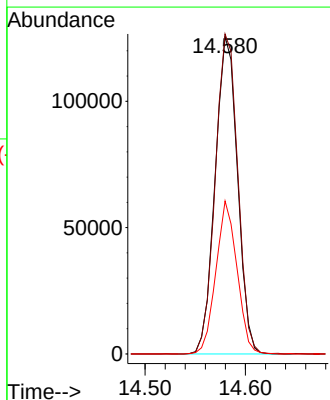
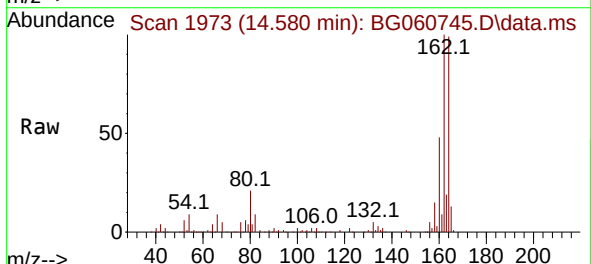
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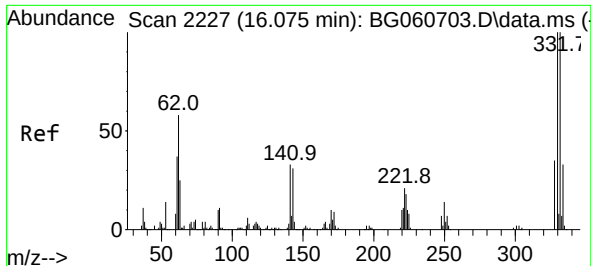
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

Tgt Ion:164 Resp: 194334
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 48.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 162.627 ng

RT: 16.072 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060745.D

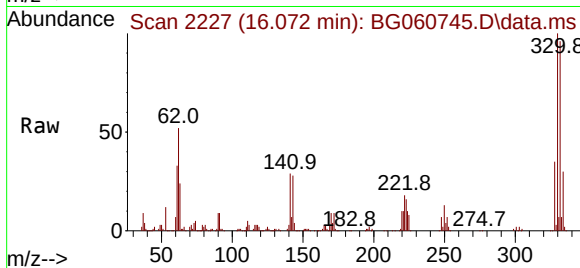
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Instrument :

BNA_G

ClientSampleId :

72-11991



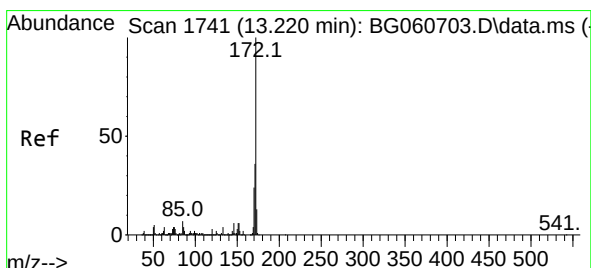
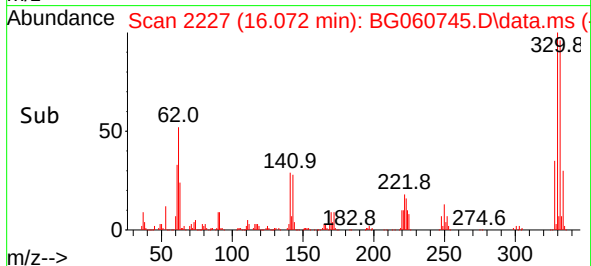
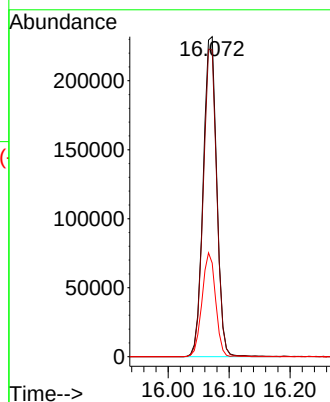
Tgt Ion:330 Resp: 358755

Ion Ratio Lower Upper

330 100

332 95.8 78.2 117.4

141 32.4 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 83.067 ng

RT: 13.211 min Scan# 1740

Delta R.T. -0.009 min

Lab File: BG060745.D

Acq: 2 Apr 2024 20:05

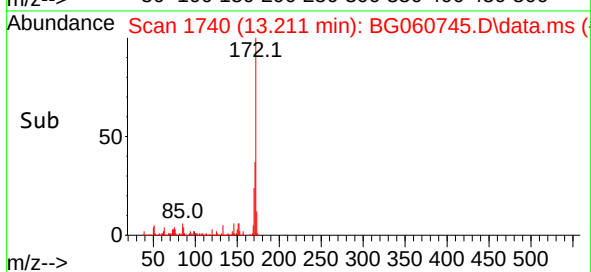
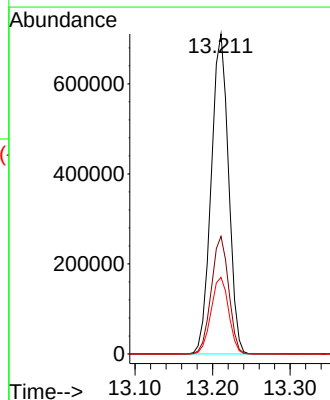
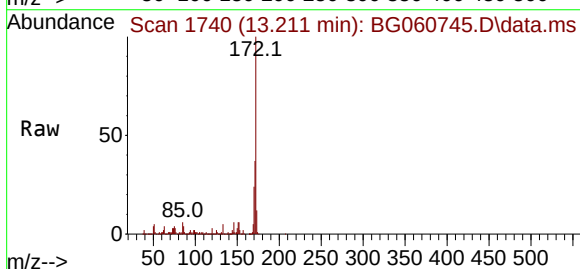
Tgt Ion:172 Resp: 1099918

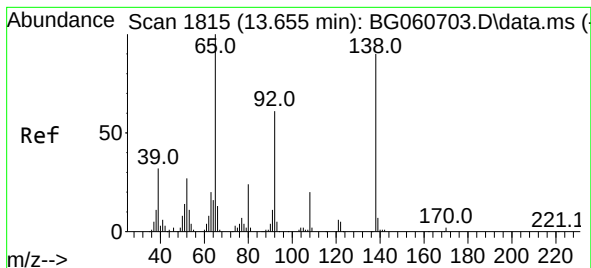
Ion Ratio Lower Upper

172 100

171 36.8 28.7 43.1

170 23.9 19.4 29.0





#48

2-Nitroaniline

Concen: 3.479 ng

RT: 13.211 min Scan# 1

Delta R.T. -0.444 min

Lab File: BG060745.D

Acq: 2 Apr 2024 20:05

Instrument :

BNA_G

ClientSampleId :

72-11991

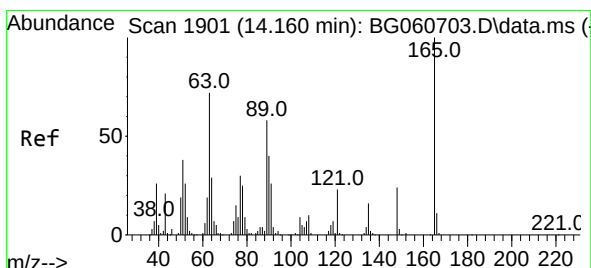
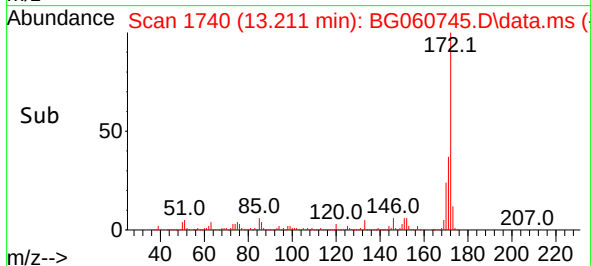
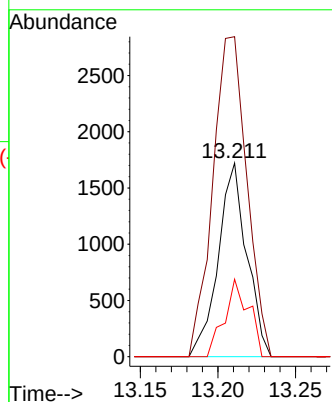
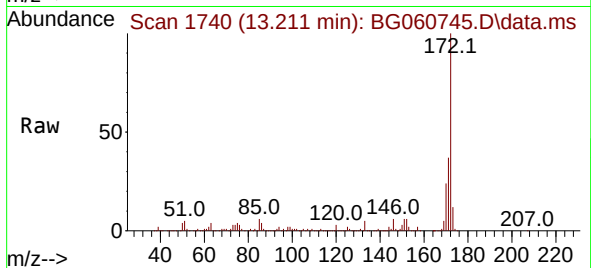
Tgt Ion: 65 Resp: 2204

Ion Ratio Lower Upper

65 100

92 165.3 48.6 72.8#

138 40.0 72.2 108.4#



#51

2,6-Dinitrotoluene

Concen: 11.919 ng

RT: 14.580 min Scan# 1973

Delta R.T. 0.420 min

Lab File: BG060745.D

Acq: 2 Apr 2024 20:05

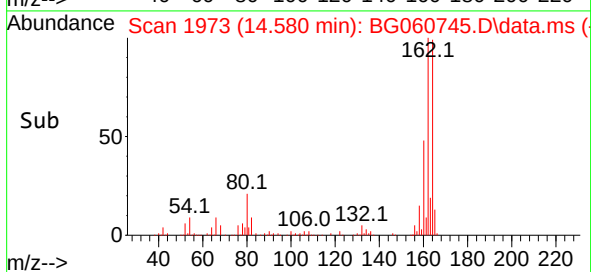
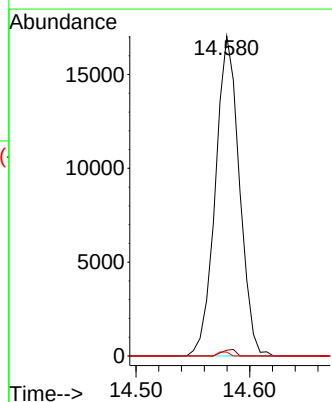
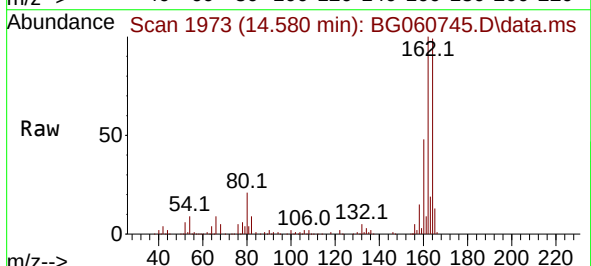
Tgt Ion:165 Resp: 24990

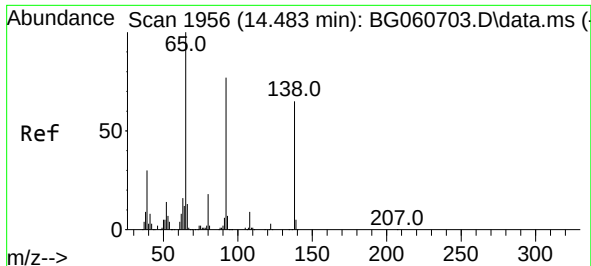
Ion Ratio Lower Upper

165 100

63 1.8 58.2 87.4#

89 1.2 46.1 69.1#

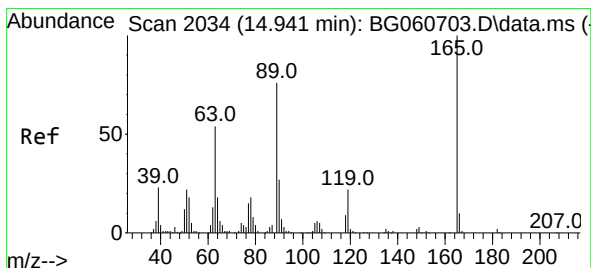
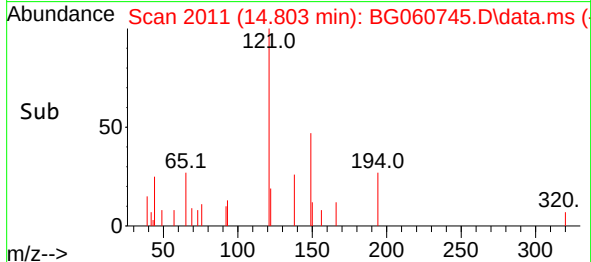
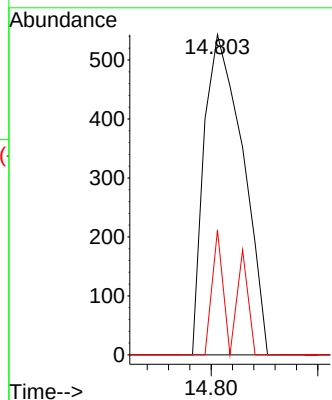
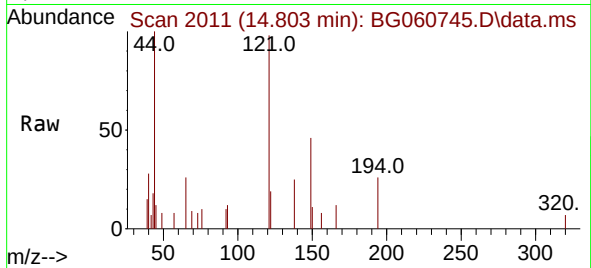




#53
3-Nitroaniline
Concen: 3.064 ng
RT: 14.803 min Scan# 2011
Delta R.T. 0.320 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

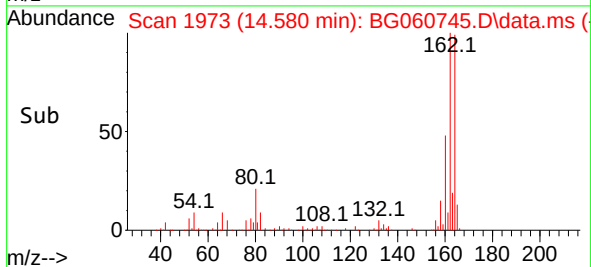
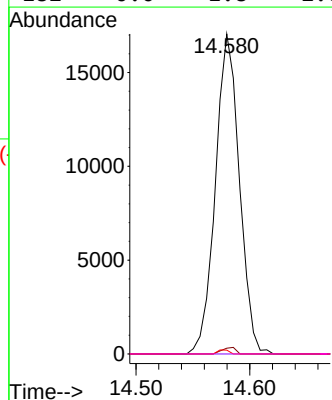
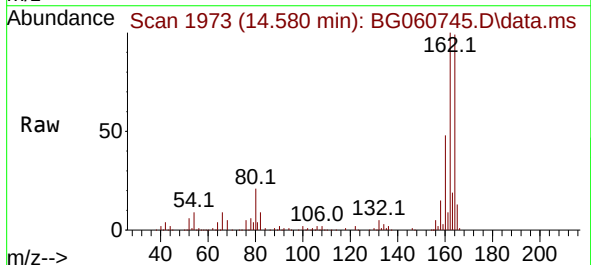
Instrument :
BNA_G
ClientSampleId :
72-11991

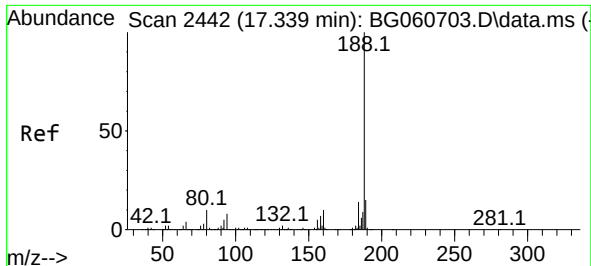
Tgt Ion:138 Resp: 684
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 39.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.034 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.361 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

Tgt Ion:165 Resp: 24990
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 1.2 61.0 91.6#
182 0.0 1.8 2.6#

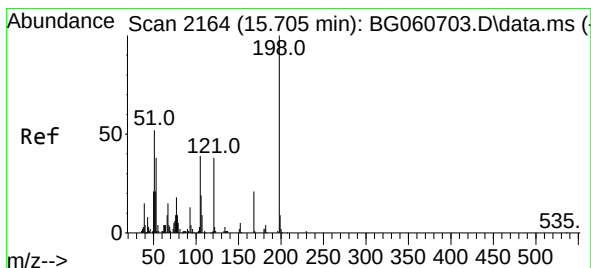
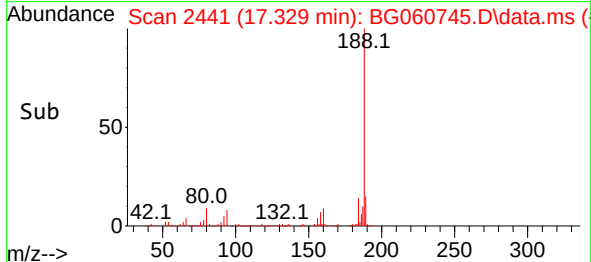
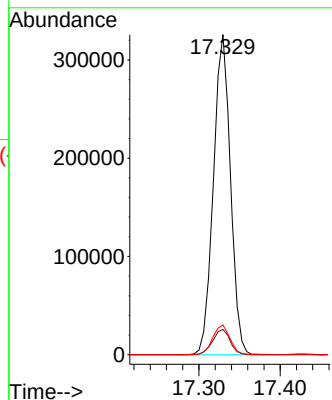
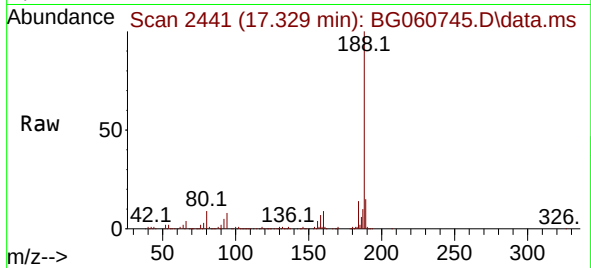




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

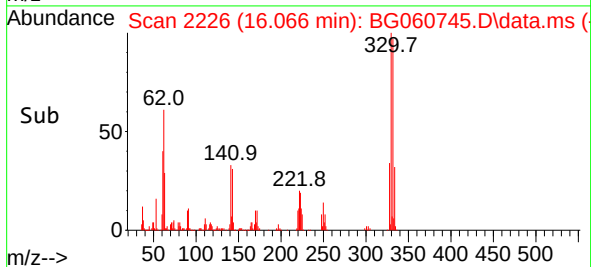
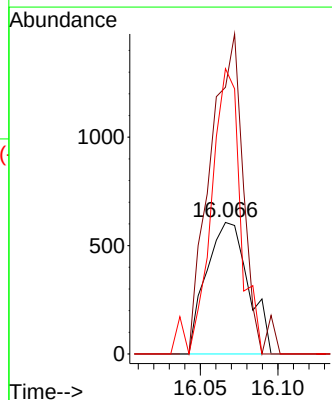
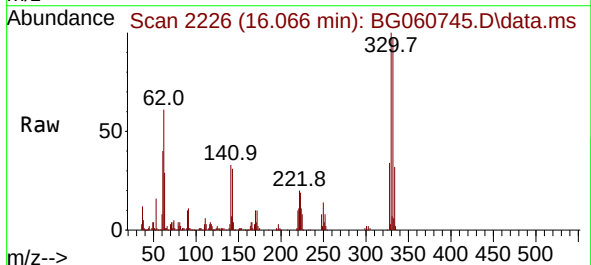
Instrument :
BNA_G
ClientSampleId :
72-11991

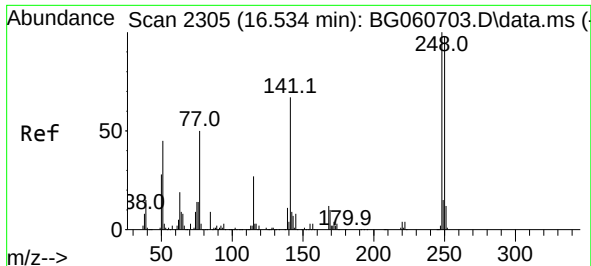
Tgt Ion:188 Resp: 474676
Ion Ratio Lower Upper
188 100
94 7.9 6.6 9.8
80 9.3 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.533 ng
RT: 16.066 min Scan# 2226
Delta R.T. 0.361 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

Tgt Ion:198 Resp: 1145
Ion Ratio Lower Upper
198 100
51 202.6 36.7 76.7#
105 216.8 19.1 59.1#

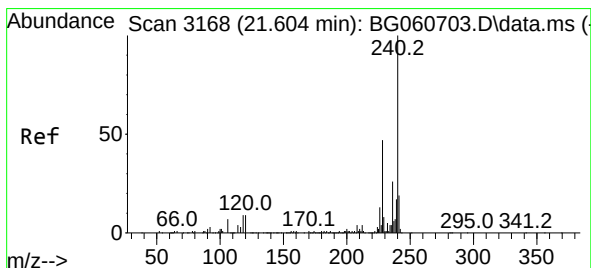
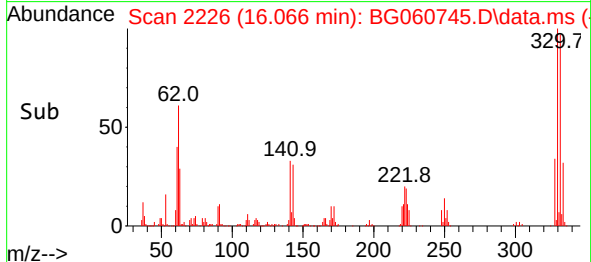
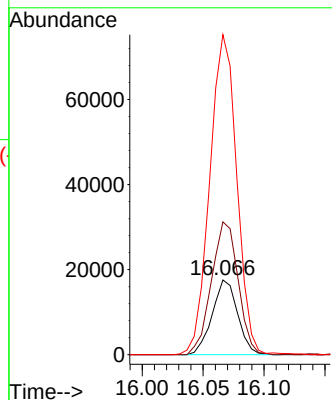
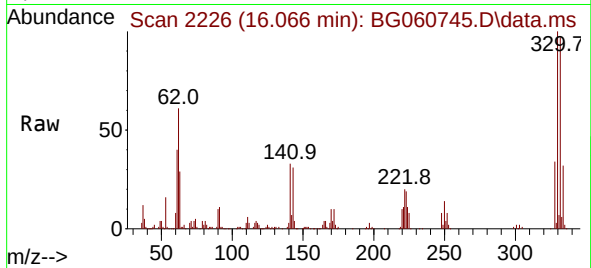




#67
4-Bromophenyl-phenylether
Concen: 5.297 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.468 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

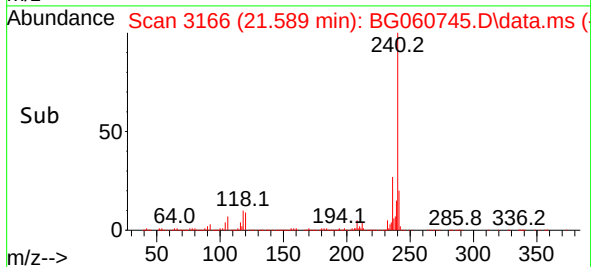
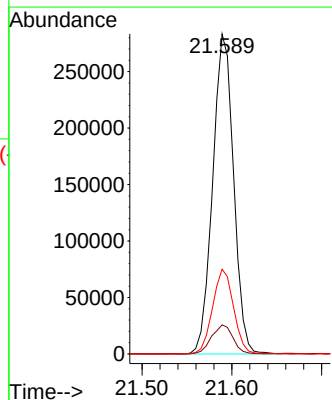
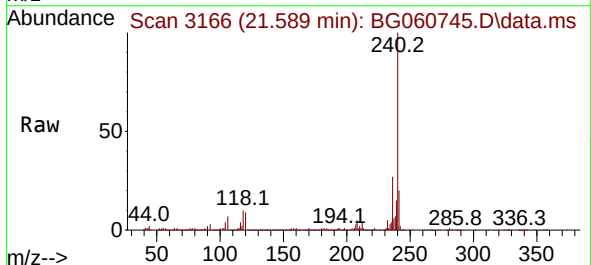
Instrument :
BNA_G
ClientSampleId :
72-11991

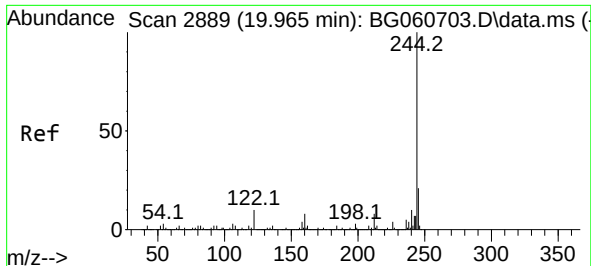
Tgt Ion:248 Resp: 25517
Ion Ratio Lower Upper
248 100
250 177.6 78.3 117.5#
141 427.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG060745.D
Acq: 2 Apr 2024 20:05

Tgt Ion:240 Resp: 457540
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 26.5 20.7 31.1



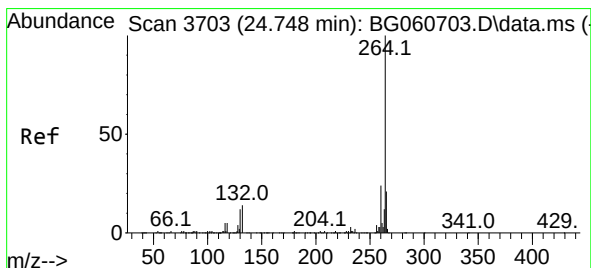
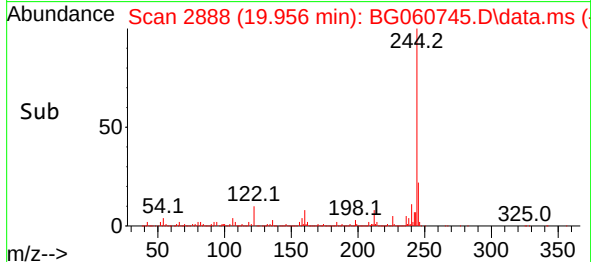
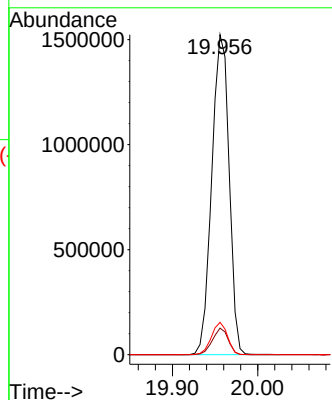
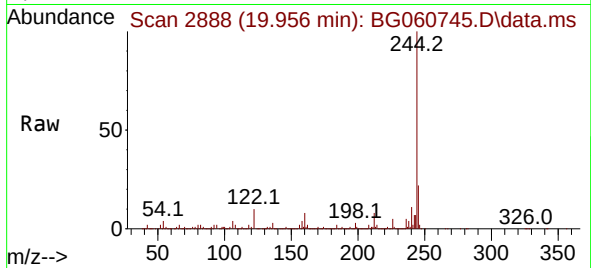


#79
 Terphenyl-d14
 Concen: 82.705 ng
 RT: 19.956 min Scan# 2149040
 Delta R.T. -0.009 min
 Lab File: BG060745.D
 Acq: 2 Apr 2024 20:05

Instrument :
 BNA_G
 ClientSampleId :
 72-11991

Tgt Ion:244 Resp: 2149040

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	10.1	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 3700
 Delta R.T. -0.021 min
 Lab File: BG060745.D
 Acq: 2 Apr 2024 20:05

Tgt Ion:264 Resp: 535686

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.5	16.9	25.3

