

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060794.D
 Acq On : 5 Apr 2024 13:40
 Operator : MA/JU
 Sample : P1996-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1

Quant Time: Apr 05 14:12:44 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)

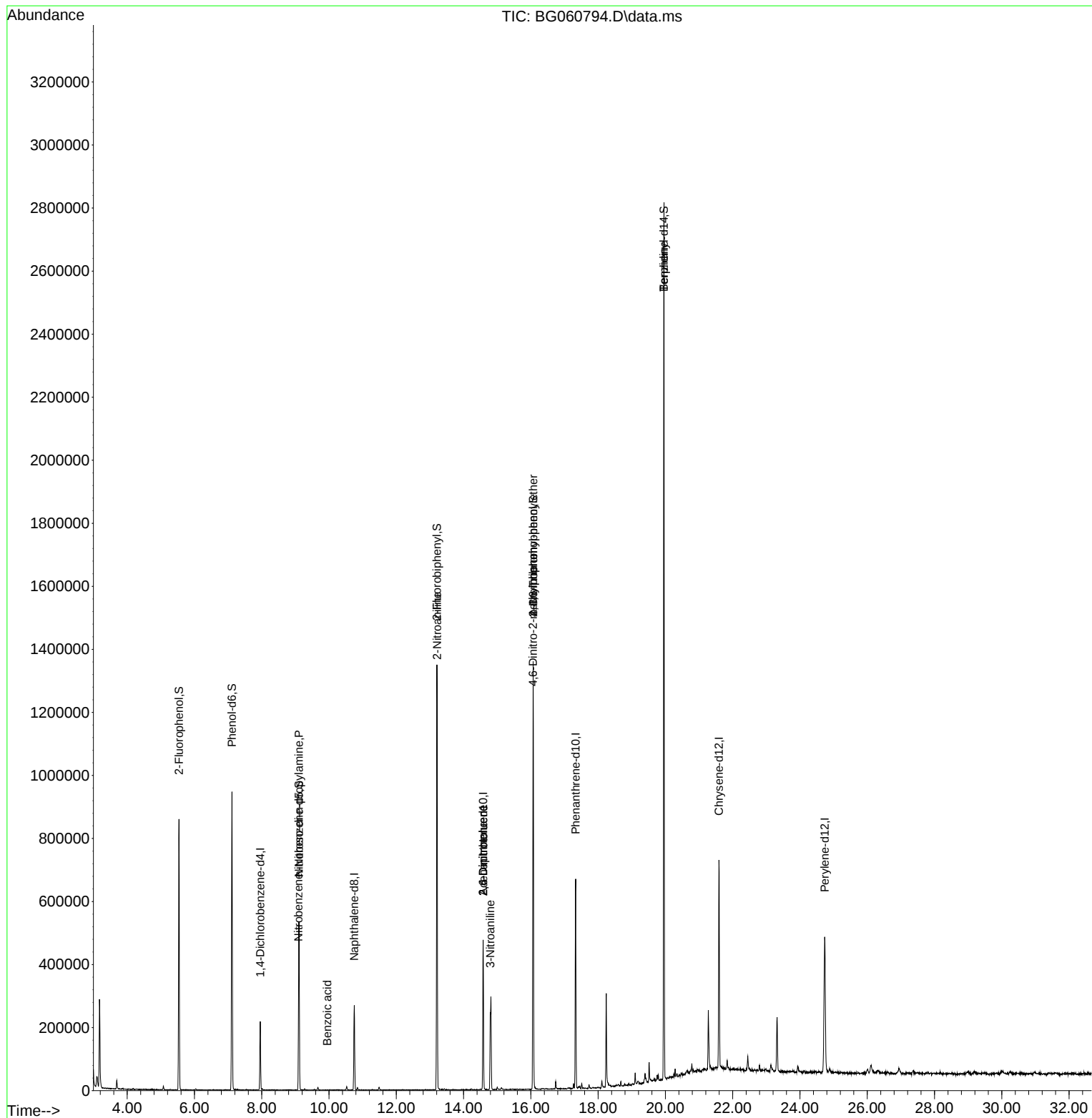
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	56845	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	214291	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	167843	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	421193	20.000	ng	0.00
76) Chrysene-d12	21.592	240	396967	20.000	ng	-0.01
86) Perylene-d12	24.735	264	475912	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	333213	97.651	ng	0.00
7) Phenol-d6	7.115	99	469965	92.784	ng	0.00
23) Nitrobenzene-d5	9.107	82	291919	77.732	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	265206	139.195	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	713996	62.432	ng	-0.01
79) Terphenyl-d14	19.959	244	1456154	64.591	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.107	70	39659	10.267	ng	# 71
24) Nitrobenzene	9.095	77	957	2.988	ng	# 40
32) Benzoic acid	9.953	122	54	6.856	ng	# 1
48) 2-Nitroaniline	13.214	65	1359	3.282	ng	# 10
51) 2,6-Dinitrotoluene	14.583	165	21807	12.006	ng	# 19
53) 3-Nitroaniline	14.794	138	2059	3.594	ng	# 1
57) 2,4-Dinitrotoluene	14.583	165	21807	10.104	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.063	198	649	7.353	ng	# 29
67) 4-Bromophenyl-phenylether	16.069	248	18731	4.382	ng	# 1
77) Benzidine	19.959	184	21309	2.039	ng	# 92

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

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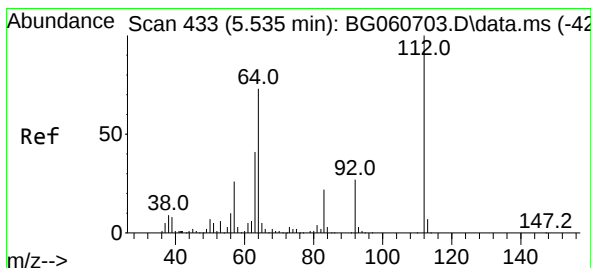
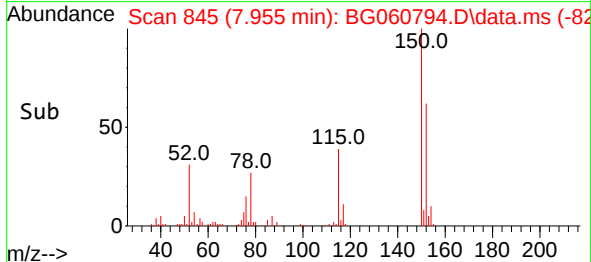
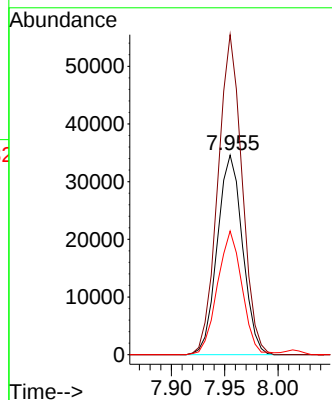
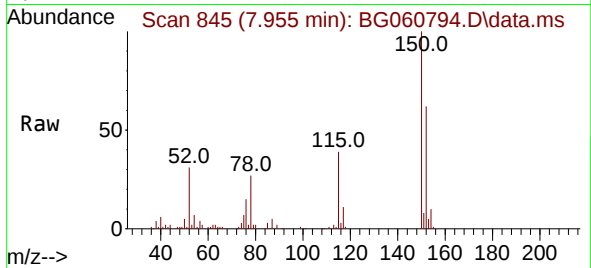




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

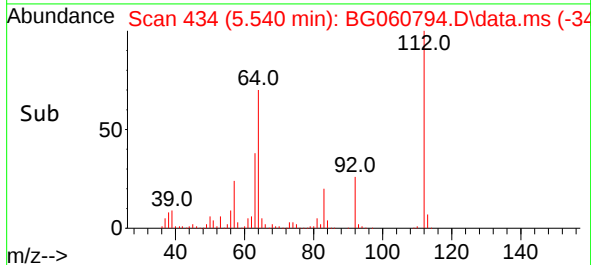
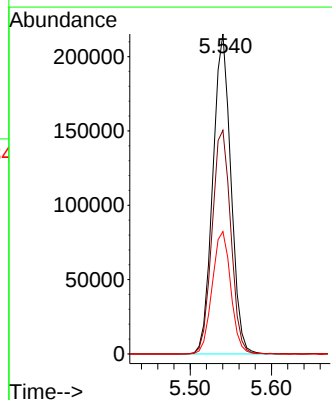
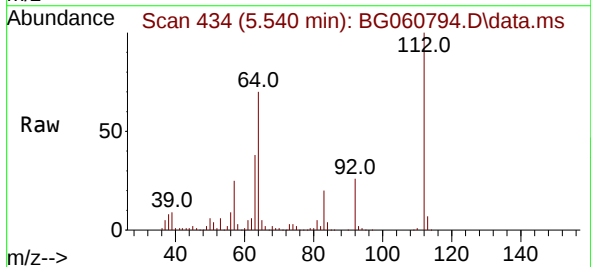
Instrument :
BNA_G
ClientSampleId :
TP1

Tgt Ion:152 Resp: 56845
Ion Ratio Lower Upper
152 100
150 160.3 130.2 195.4
115 61.9 51.6 77.4



#5
2-Fluorophenol
Concen: 97.651 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

Tgt Ion:112 Resp: 333213
Ion Ratio Lower Upper
112 100
64 69.9 58.4 87.6
63 38.2 32.7 49.1

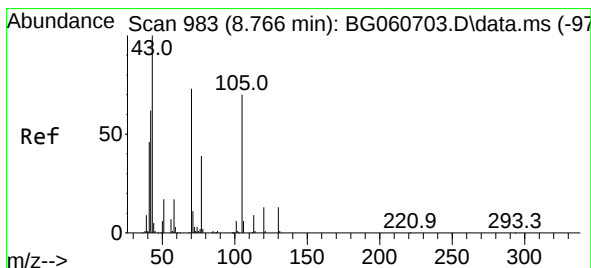
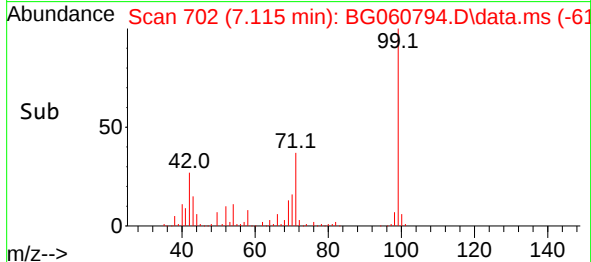
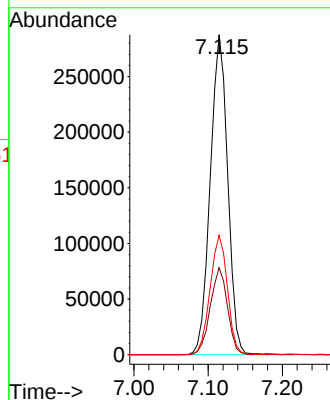
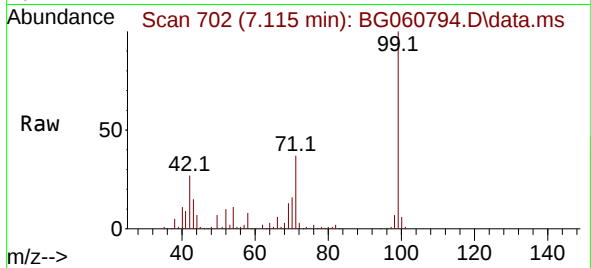




#7
Phenol-d6
Concen: 92.784 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

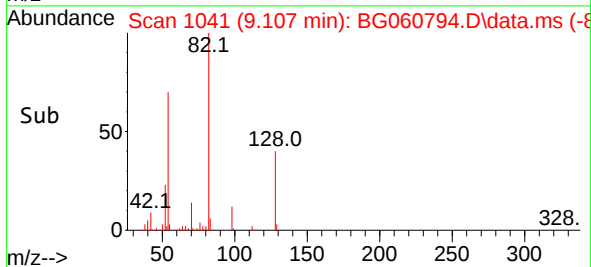
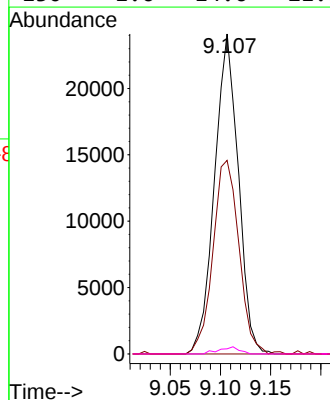
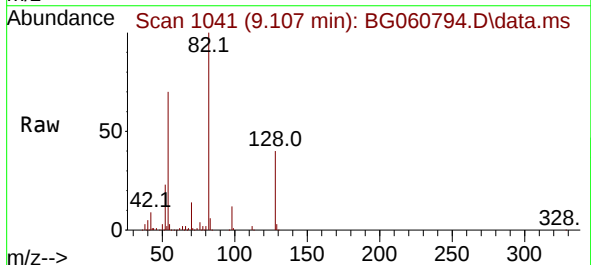
Instrument :
BNA_G
ClientSampleId :
TP1

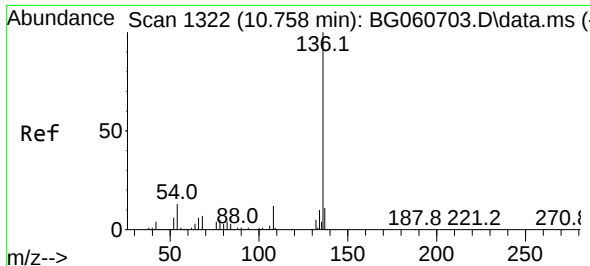
Tgt Ion: 99 Resp: 469965
Ion Ratio Lower Upper
99 100
42 27.2 19.4 29.2
71 37.3 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.267 ng
RT: 9.107 min Scan# 1041
Delta R.T. 0.341 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

Tgt Ion: 70 Resp: 39659
Ion Ratio Lower Upper
70 100
42 60.5 68.4 102.6#
101 0.0 6.1 9.1#
130 1.6 14.6 21.8#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

Instrument :

BNA_G

ClientSampleId :

TP1

Tgt Ion:136 Resp: 214291

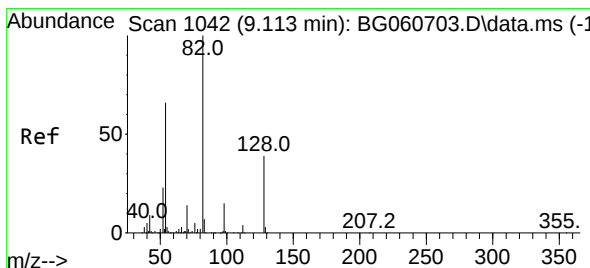
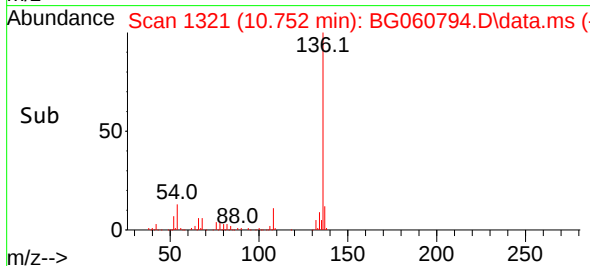
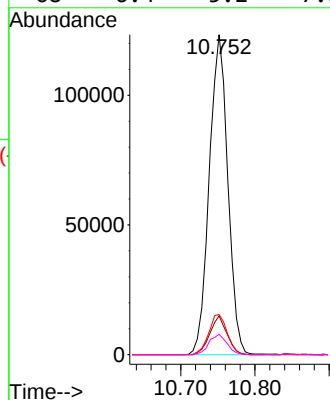
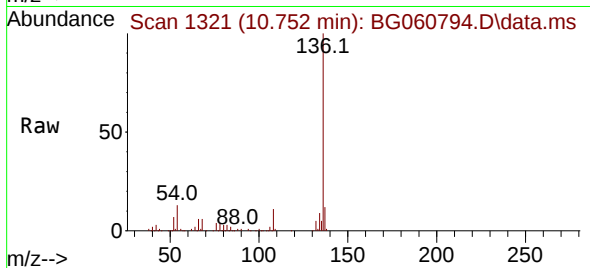
Ion Ratio Lower Upper

136 100

137 12.2 8.8 13.2

54 12.5 10.2 15.2

68 6.4 5.2 7.8



#23
Nitrobenzene-d5
Concen: 77.732 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

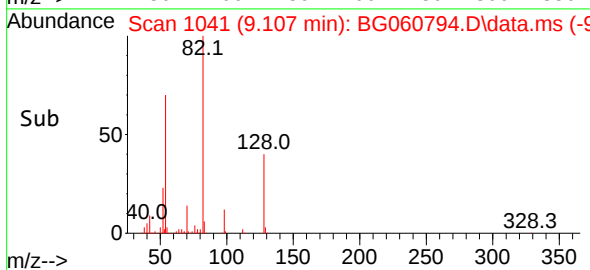
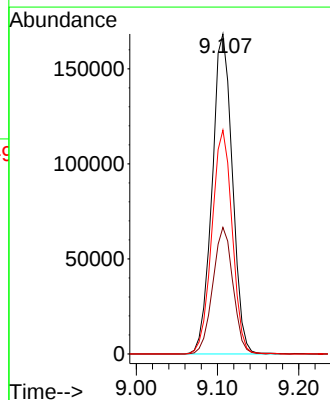
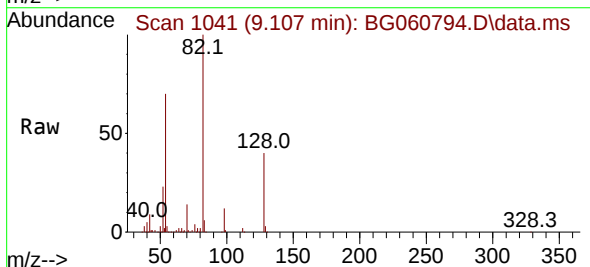
Tgt Ion: 82 Resp: 291919

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 69.9 53.2 79.8

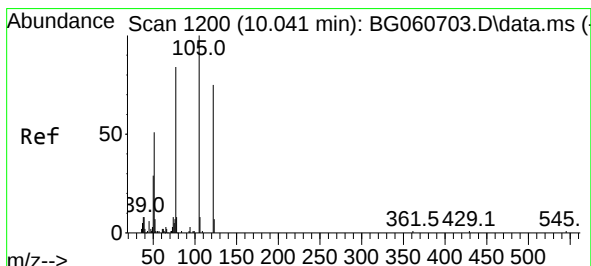
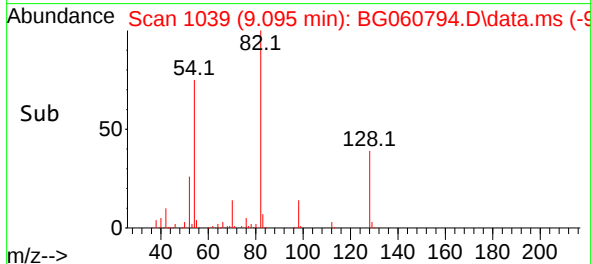
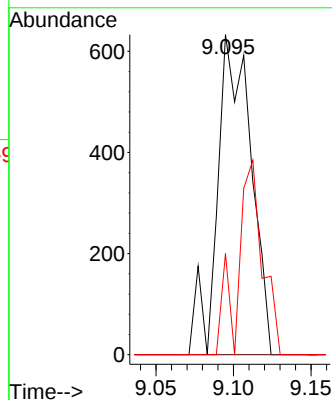
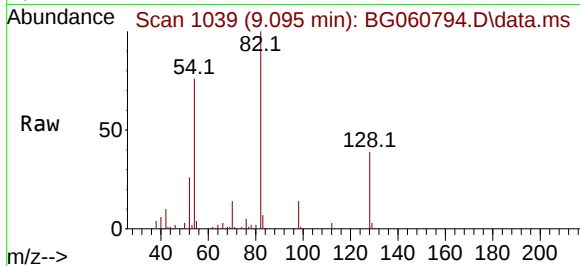




#24
Nitrobenzene
Concen: 2.988 ng
RT: 9.095 min Scan# 1185
Delta R.T. -0.059 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

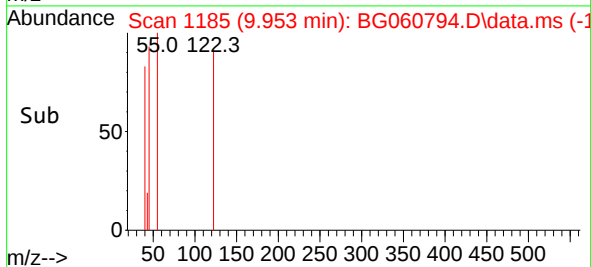
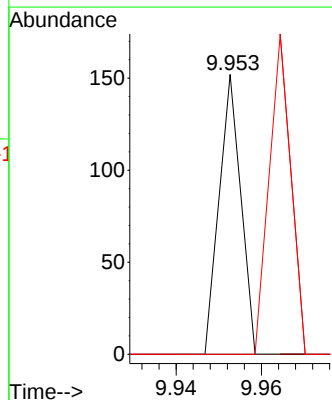
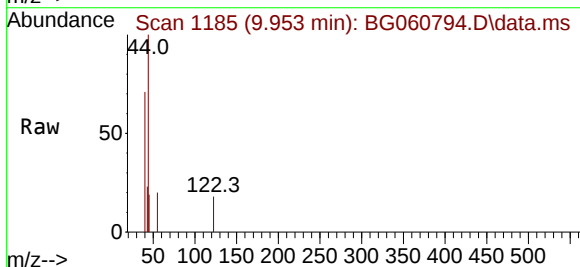
Instrument :
BNA_G
ClientSampleId :
TP1

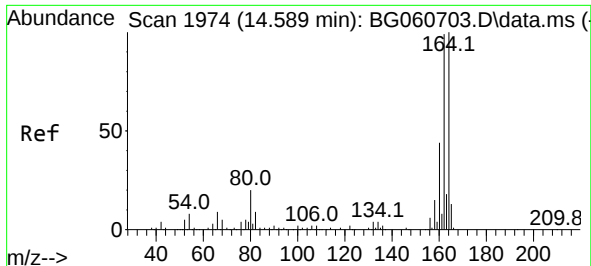
Tgt Ion: 77 Resp: 957
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 31.6 11.3 16.9#



#32
Benzoic acid
Concen: 6.856 ng
RT: 9.953 min Scan# 1185
Delta R.T. -0.088 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#

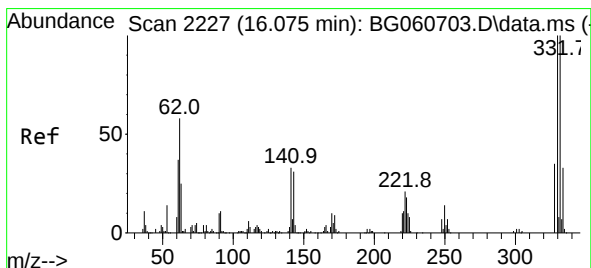
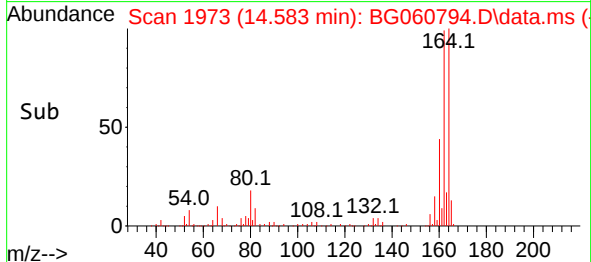
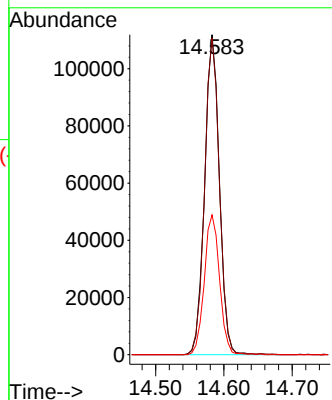
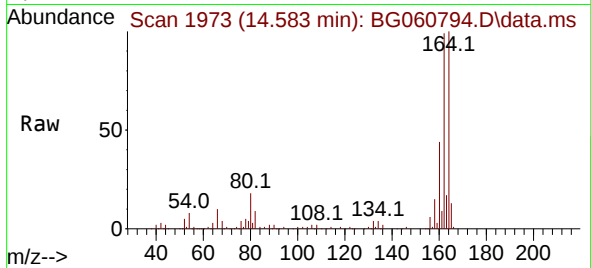




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1974
Delta R.T. -0.007 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

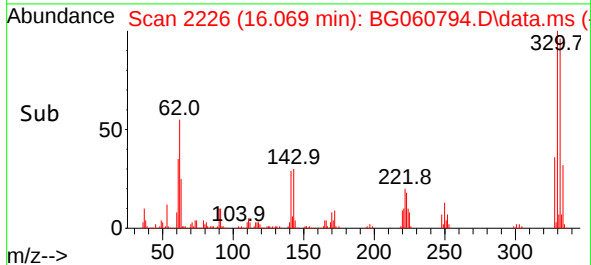
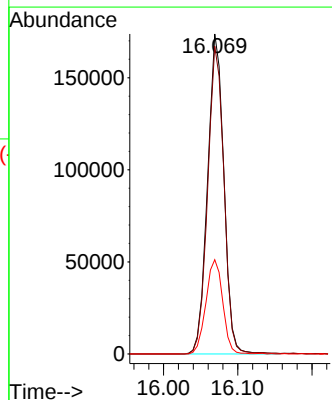
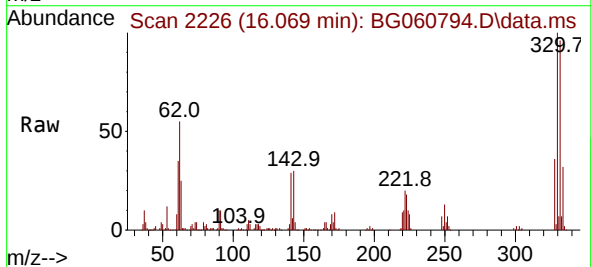
Instrument :
BNA_G
ClientSampleId :
TP1

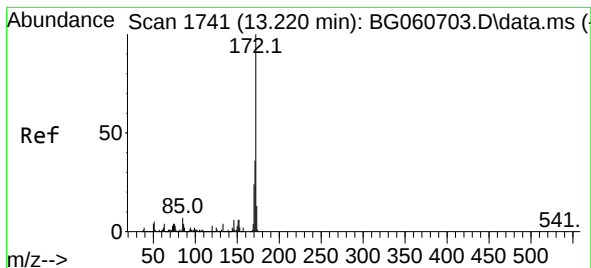
Tgt Ion:164 Resp: 167843
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 139.195 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

Tgt Ion:330 Resp: 265206
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 30.3 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 62.432 ng

RT: 13.208 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG060794.D

Acq: 5 Apr 2024 13:40

Instrument :

BNA_G

ClientSampleId :

TP1

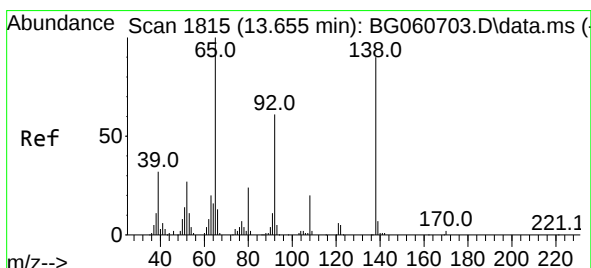
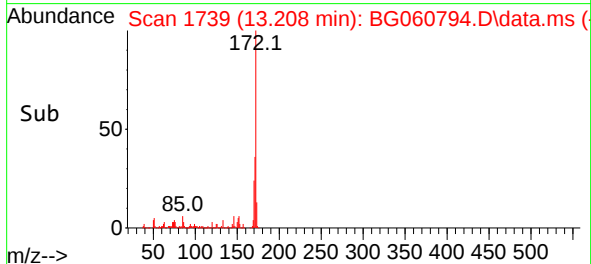
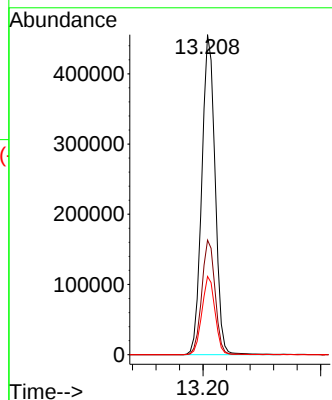
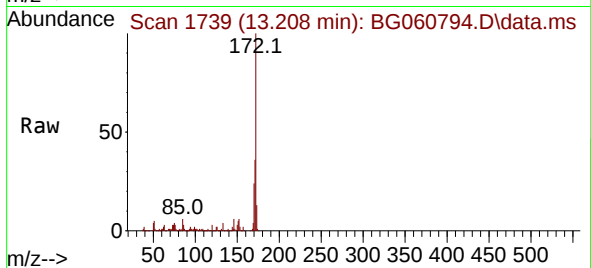
Tgt Ion:172 Resp: 713996

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 24.4 19.4 29.0



#48

2-Nitroaniline

Concen: 3.282 ng

RT: 13.214 min Scan# 1740

Delta R.T. -0.441 min

Lab File: BG060794.D

Acq: 5 Apr 2024 13:40

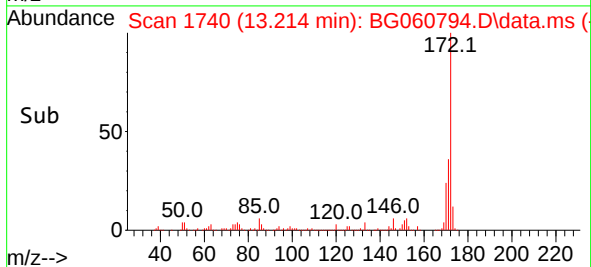
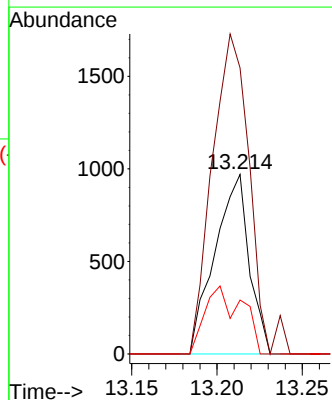
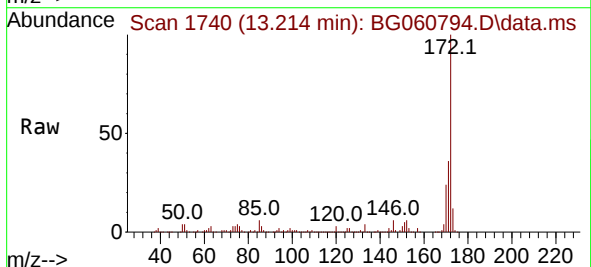
Tgt Ion: 65 Resp: 1359

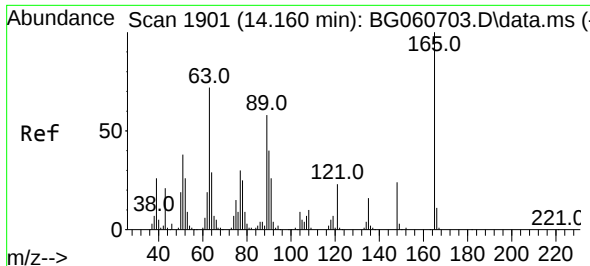
Ion Ratio Lower Upper

65 100

92 159.4 48.6 72.8#

138 30.0 72.2 108.4#

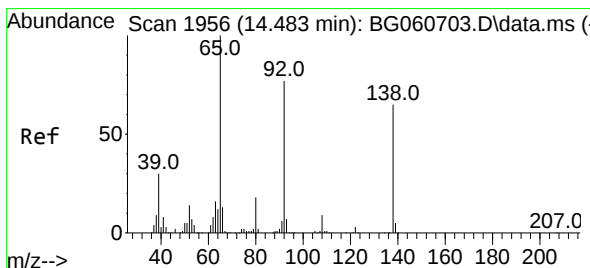
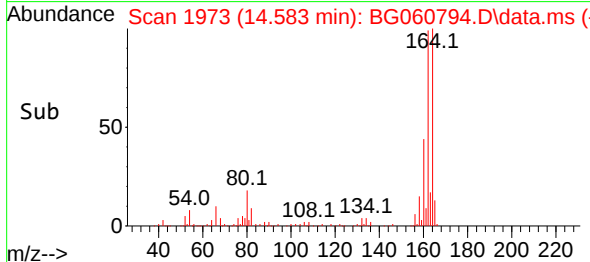
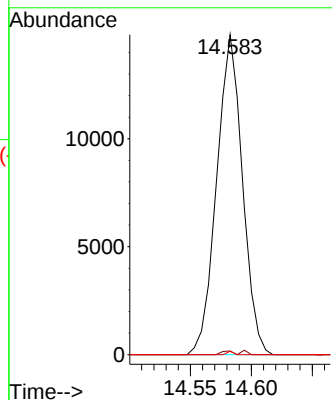
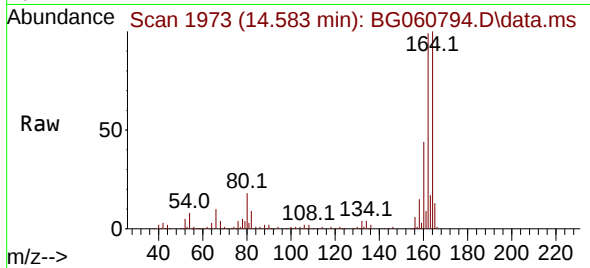




#51
2,6-Dinitrotoluene
Concen: 12.006 ng
RT: 14.583 min Scan# 11
Delta R.T. 0.422 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

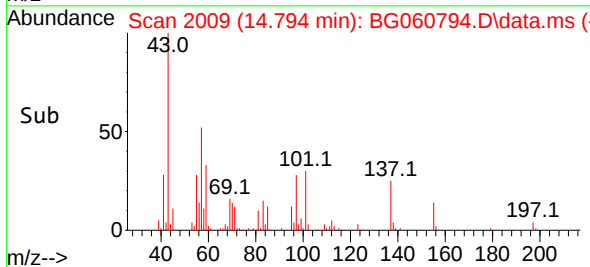
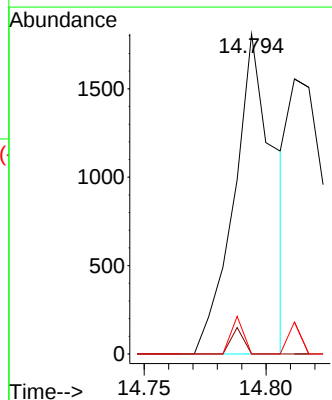
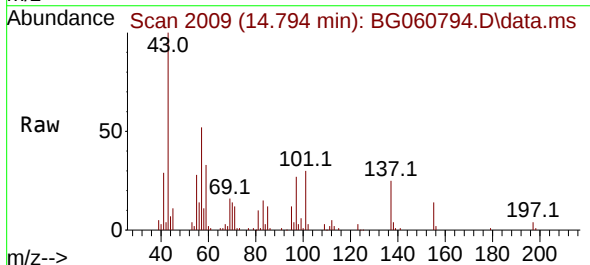
Instrument :
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TP1

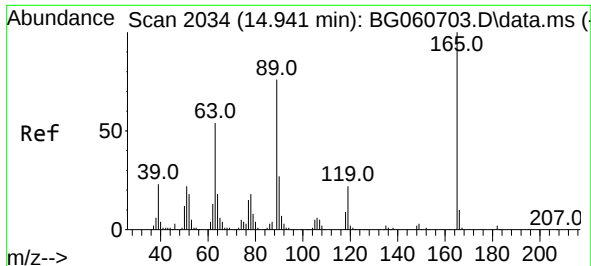
Tgt Ion:165 Resp: 21807
Ion Ratio Lower Upper
165 100
63 1.1 58.2 87.4#
89 1.0 46.1 69.1#



#53
3-Nitroaniline
Concen: 3.594 ng
RT: 14.794 min Scan# 2009
Delta R.T. 0.311 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

Tgt Ion:138 Resp: 2059
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: 10.104 ng

RT: 14.583 min Scan# 14

Delta R.T. -0.359 min

Lab File: BG060794.D

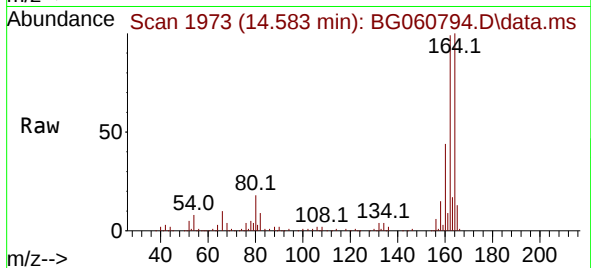
Acq: 5 Apr 2024 13:40

Instrument :

BNA_G

ClientSampleId :

TP1



Tgt Ion:165 Resp: 21807

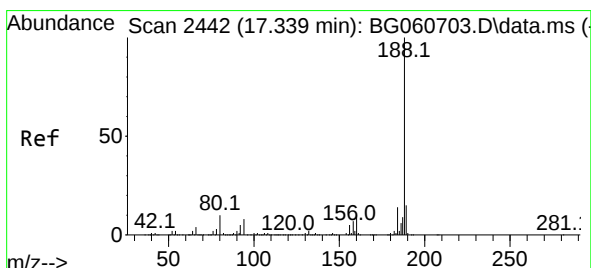
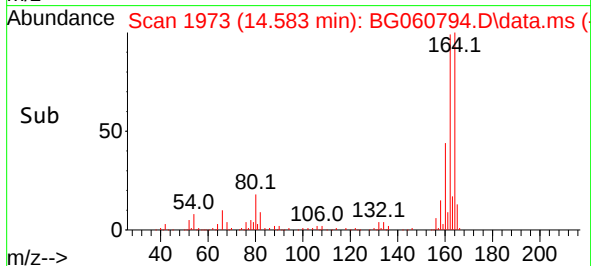
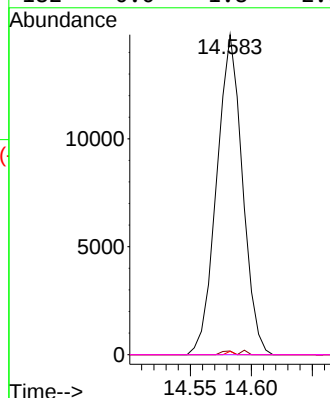
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.0 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.332 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BG060794.D

Acq: 5 Apr 2024 13:40

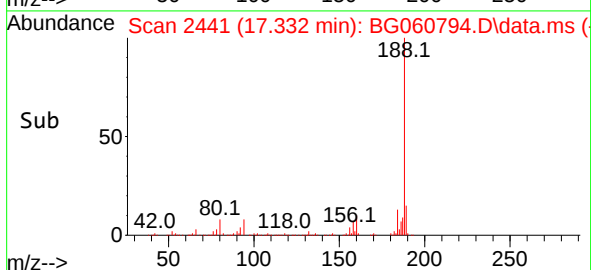
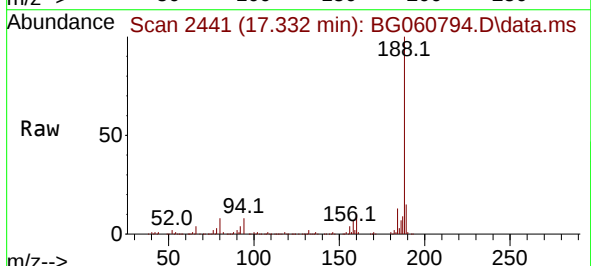
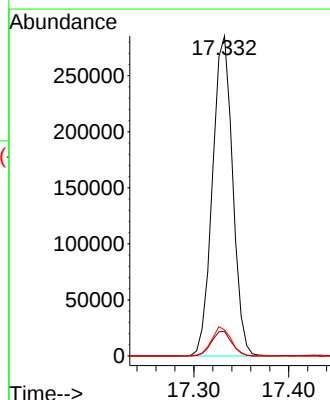
Tgt Ion:188 Resp: 421193

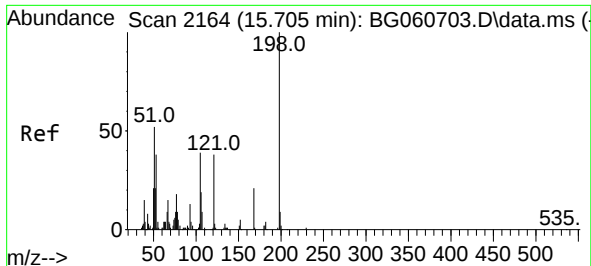
Ion Ratio Lower Upper

188 100

94 7.7 6.6 9.8

80 8.2 7.6 11.4

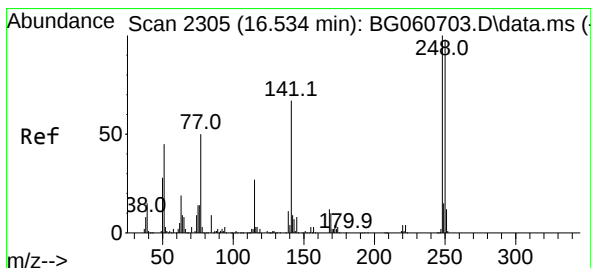
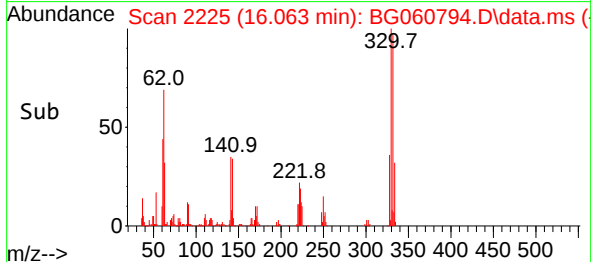
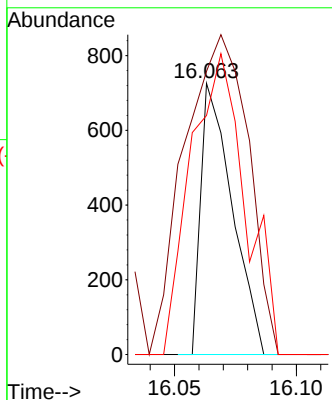
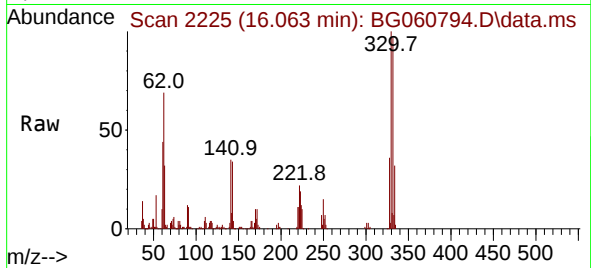




#65
4,6-Dinitro-2-methylphenol
Concen: 7.353 ng
RT: 16.063 min Scan# 2164
Delta R.T. 0.358 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

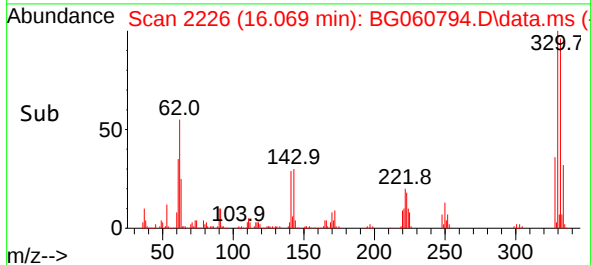
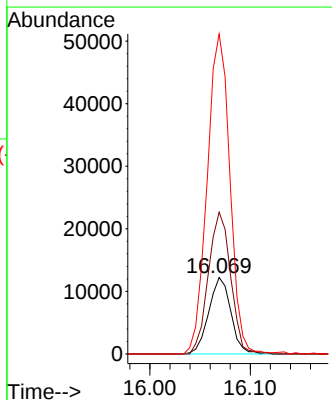
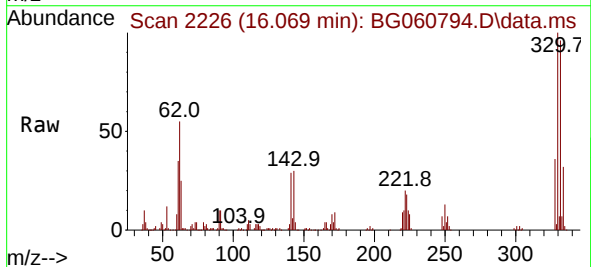
Instrument :
BNA_G
ClientSampleId :
TP1

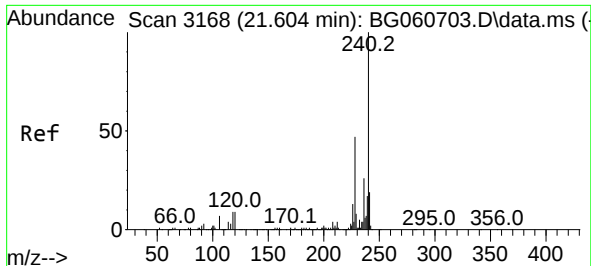
Tgt Ion:198 Resp: 649
Ion Ratio Lower Upper
198 100
51 104.4 36.7 76.7#
105 88.2 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.382 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.465 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

Tgt Ion:248 Resp: 18731
Ion Ratio Lower Upper
248 100
250 185.4 78.3 117.5#
141 418.2 53.7 80.5#

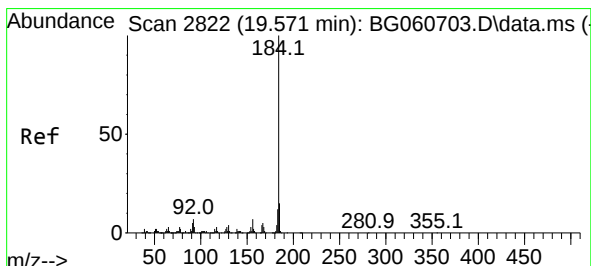
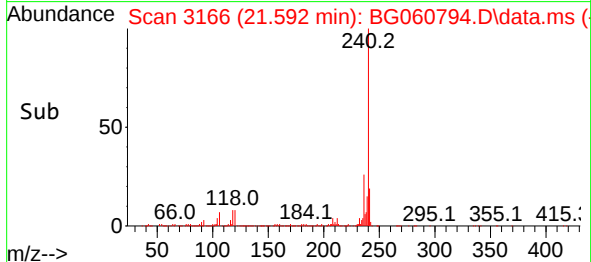
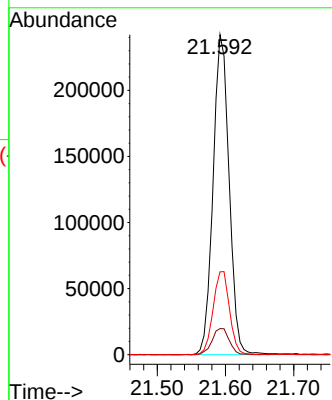
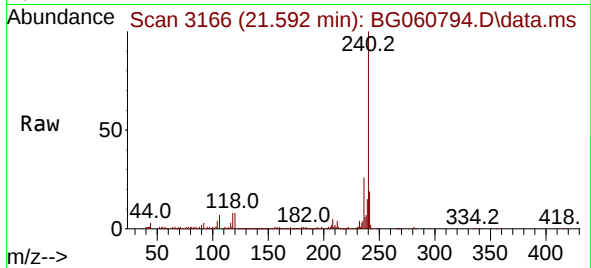




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

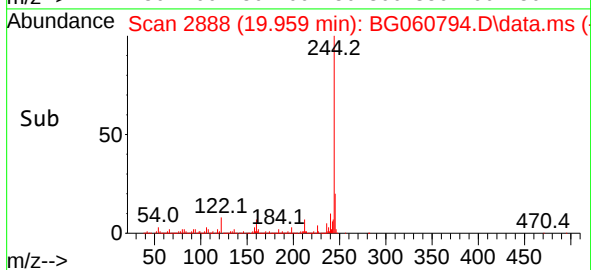
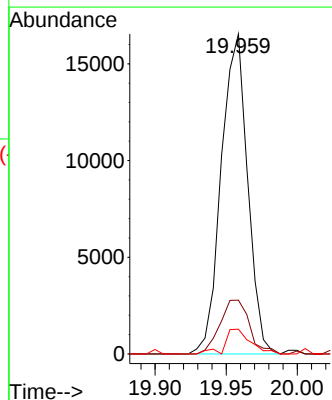
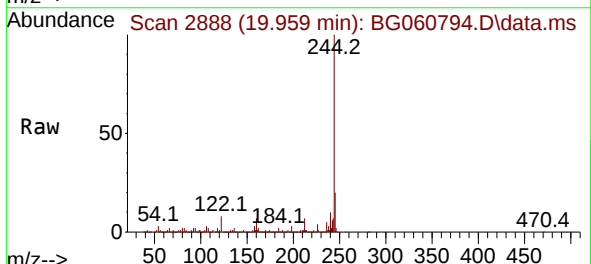
Instrument :
BNA_G
ClientSampleId :
TP1

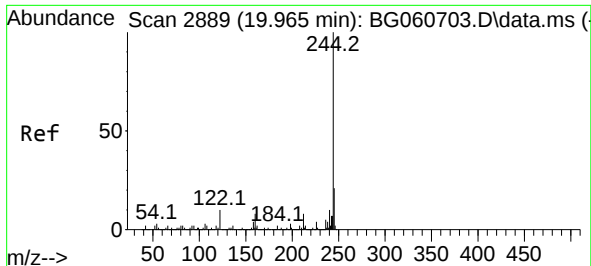
Tgt Ion:240 Resp: 396967
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.9 20.7 31.1



#77
Benzidine
Concen: 2.039 ng
RT: 19.959 min Scan# 2888
Delta R.T. 0.387 min
Lab File: BG060794.D
Acq: 5 Apr 2024 13:40

Tgt Ion:184 Resp: 21309
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.6
183 7.7 9.5 14.3#

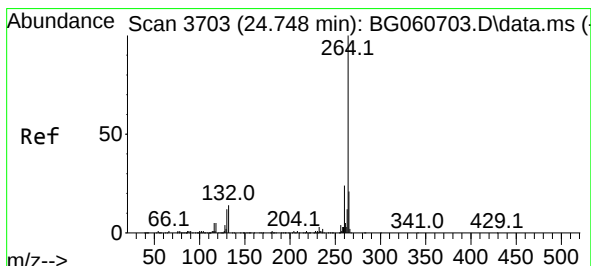
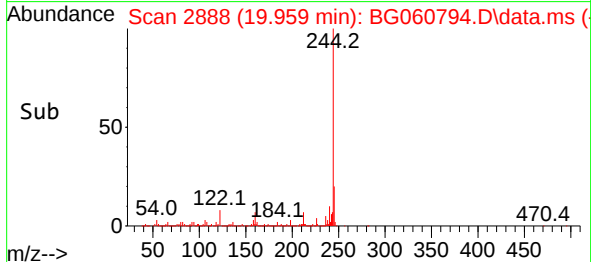
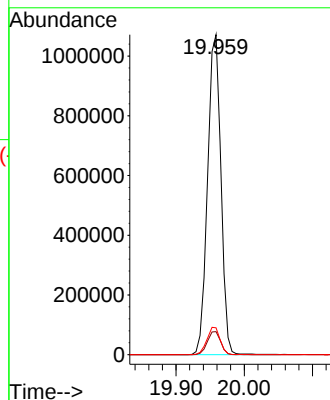
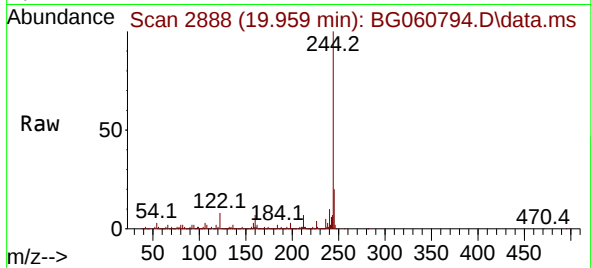




#79
 Terphenyl-d14
 Concen: 64.591 ng
 RT: 19.959 min Scan# 2888
 Delta R.T. -0.006 min
 Lab File: BG060794.D
 Acq: 5 Apr 2024 13:40

Instrument :
 BNA_G
 ClientSampleId :
 TP1

Tgt Ion:244 Resp: 1456154
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.735 min Scan# 3701
 Delta R.T. -0.012 min
 Lab File: BG060794.D
 Acq: 5 Apr 2024 13:40

Tgt Ion:264 Resp: 475912
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.2 16.9 25.3

