

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060879.D
 Acq On : 12 Apr 2024 18:22
 Operator : MA/JU
 Sample : P2025-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOTE-COMP

Quant Time: Apr 12 19:15:40 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)

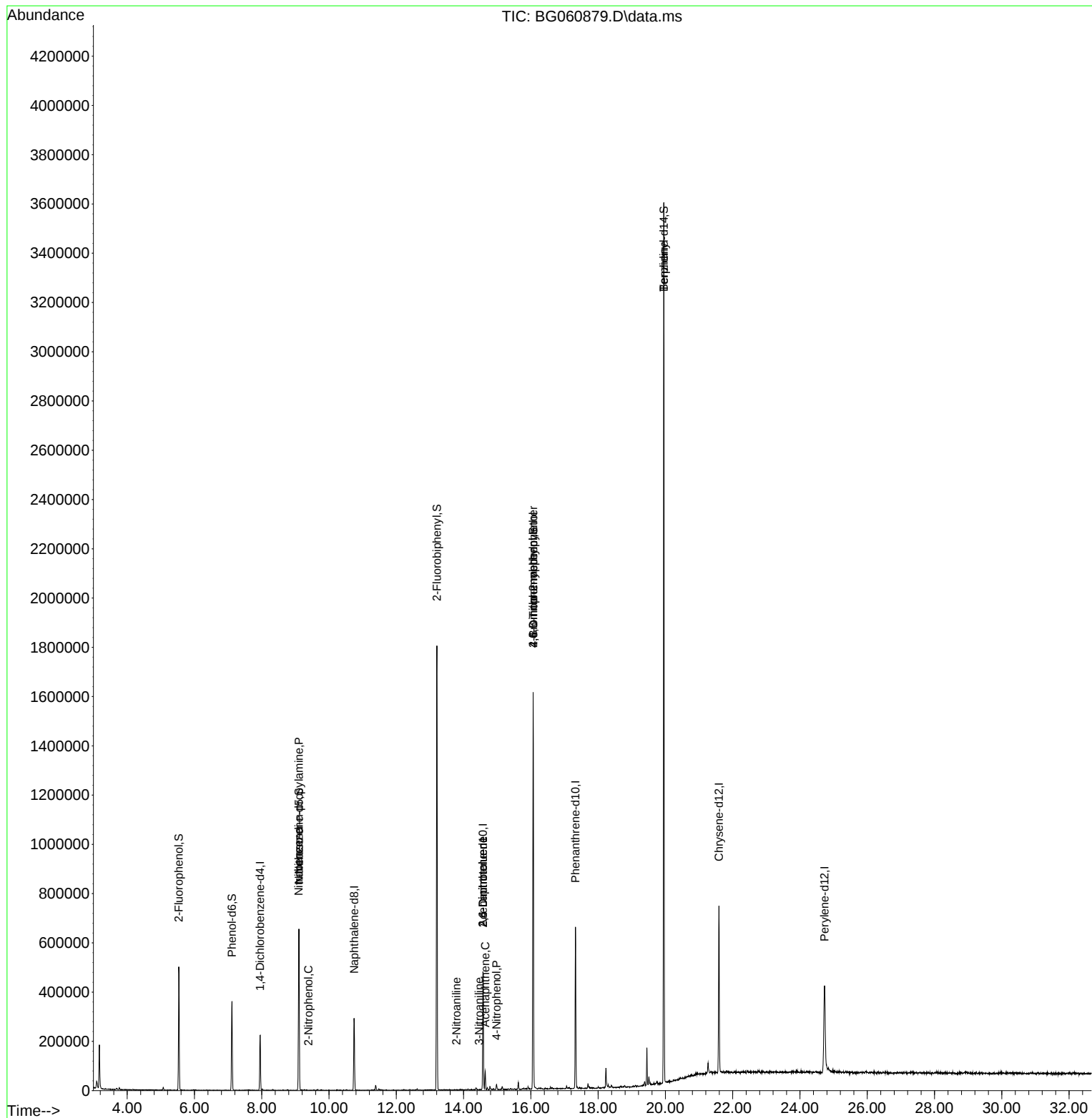
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	61430	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	233583	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	175214	20.000	ng	-0.01
64) Phenanthrene-d10	17.325	188	404255	20.000	ng	#-0.01
76) Chrysene-d12	21.591	240	394250	20.000	ng	-0.01
86) Perylene-d12	24.728	264	438963	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	193078	52.360	ng	0.00
7) Phenol-d6	7.113	99	181990	33.248	ng	0.00
23) Nitrobenzene-d5	9.105	82	353654	86.394	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	327282	164.549	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	949902	79.566	ng	-0.01
79) Terphenyl-d14	19.951	244	1802664	80.512	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.105	70	47831	11.459	ng	# 73
24) Nitrobenzene	9.099	77	1221	3.025	ng	# 42
26) 2-Nitrophenol	9.387	139	59	3.001	ng	# 31
48) 2-Nitroaniline	13.788	65	78	2.818	ng	# 11
51) 2,6-Dinitrotoluene	14.575	165	22757	12.003	ng	# 19
52) Acenaphthene	14.646	154	28004	2.823	ng	95
53) 3-Nitroaniline	14.464	138	55	2.870	ng	# 1
56) 4-Nitrophenol	14.975	139	4959	2.449	ng	# 2
57) 2,4-Dinitrotoluene	14.575	165	22757	10.101	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.068	198	837	7.462	ng	# 1
67) 4-Bromophenyl-phenylether	16.068	248	20981	5.114	ng	# 1
77) Benzidine	19.951	184	28283	2.724	ng	# 92

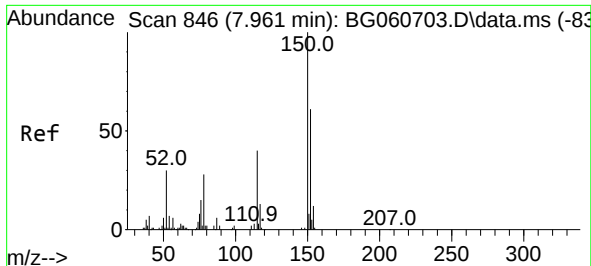
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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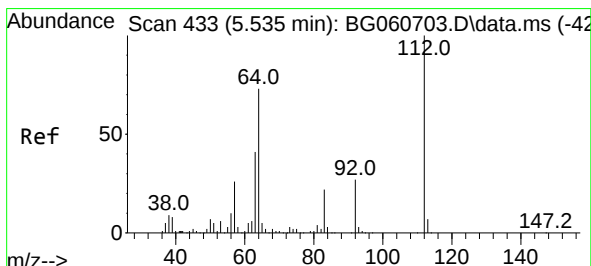
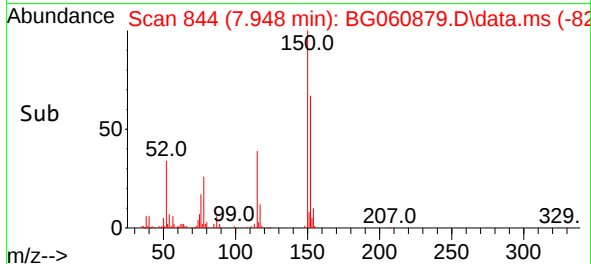
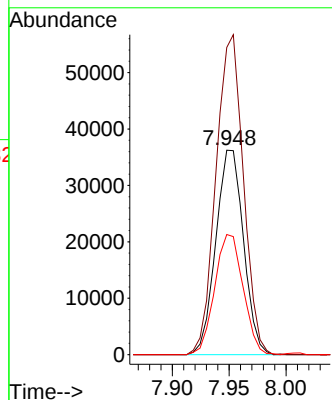
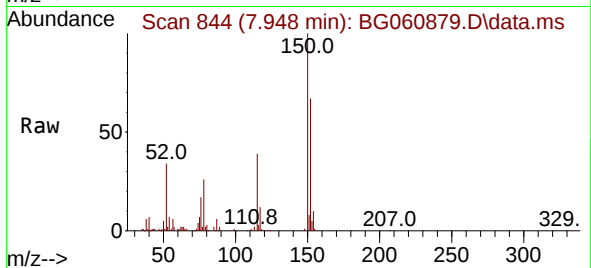




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.948 min Scan# 84
 Delta R.T. -0.013 min
 Lab File: BG060879.D
 Acq: 12 Apr 2024 18:22

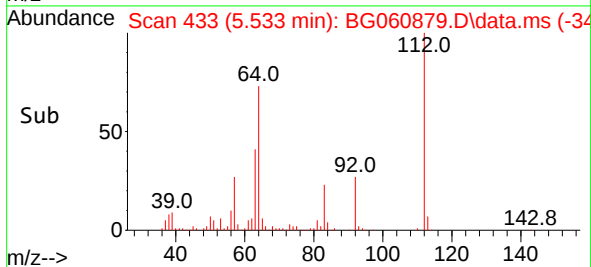
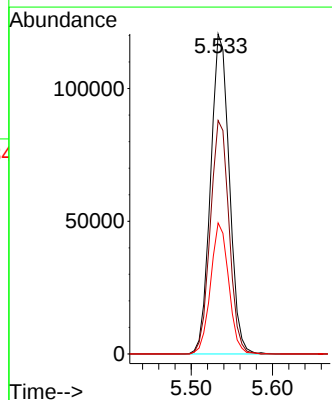
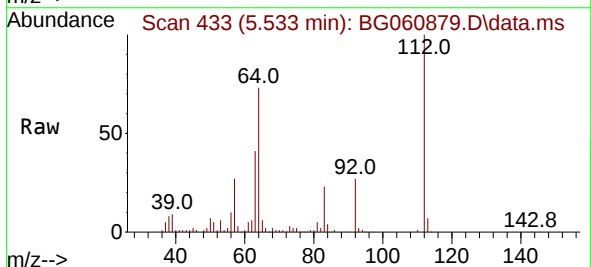
Instrument :
 BNA_G
 ClientSampleId :
 TOTE-COMP

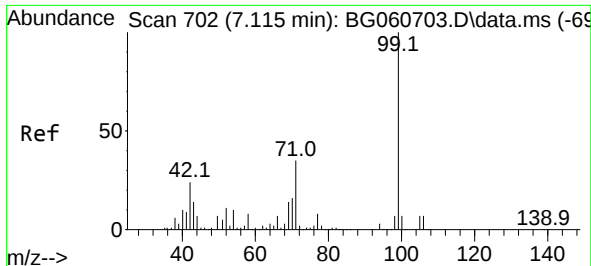
Tgt Ion:152 Resp: 61430
 Ion Ratio Lower Upper
 152 100
 150 150.3 130.2 195.4
 115 58.8 51.6 77.4



#5
 2-Fluorophenol
 Concen: 52.360 ng
 RT: 5.533 min Scan# 433
 Delta R.T. -0.002 min
 Lab File: BG060879.D
 Acq: 12 Apr 2024 18:22

Tgt Ion:112 Resp: 193078
 Ion Ratio Lower Upper
 112 100
 64 73.0 58.4 87.6
 63 40.9 32.7 49.1

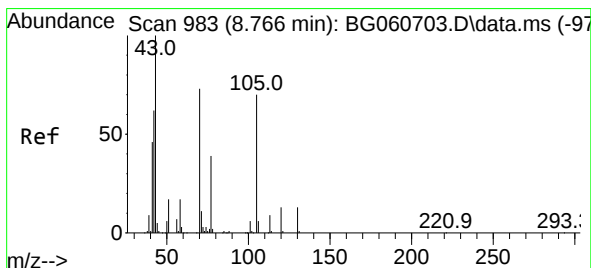
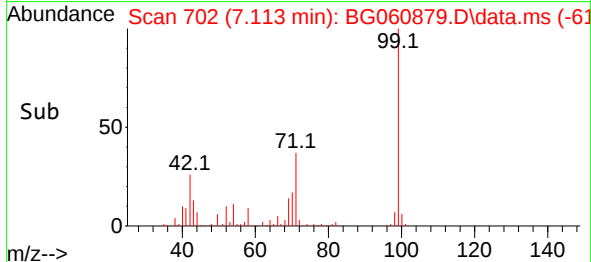
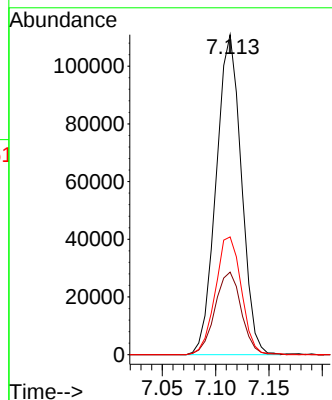
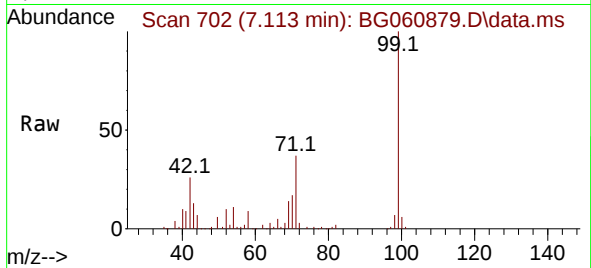




#7
Phenol-d6
Concen: 33.248 ng
RT: 7.113 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

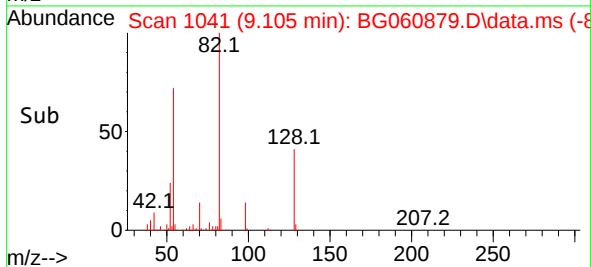
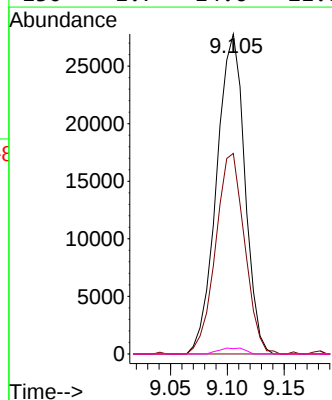
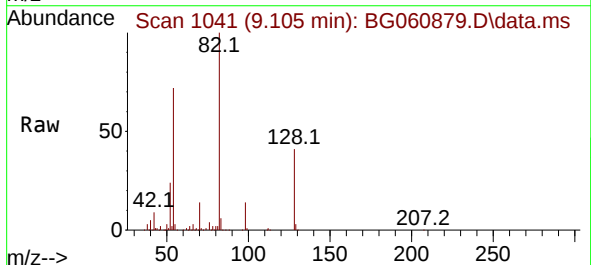
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

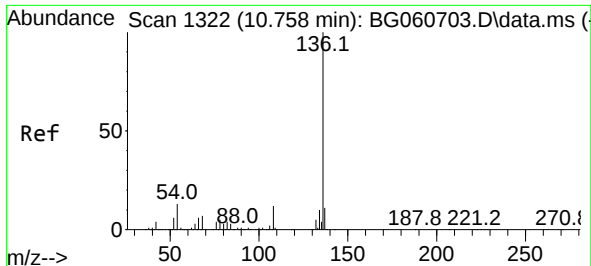
Tgt Ion: 99 Resp: 181990
Ion Ratio Lower Upper
99 100
42 25.8 19.4 29.2
71 36.8 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.459 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion: 70 Resp: 47831
Ion Ratio Lower Upper
70 100
42 62.6 68.4 102.6#
101 0.0 6.1 9.1#
130 1.7 14.6 21.8#



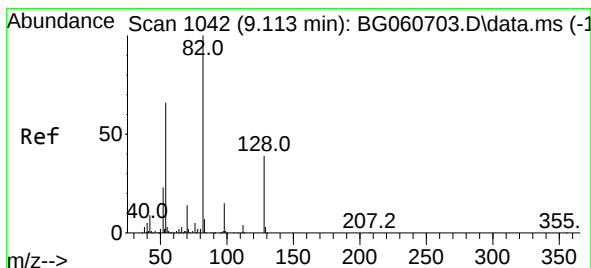
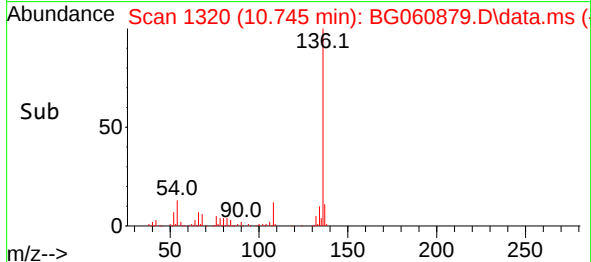
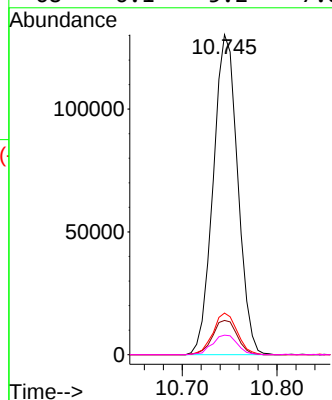
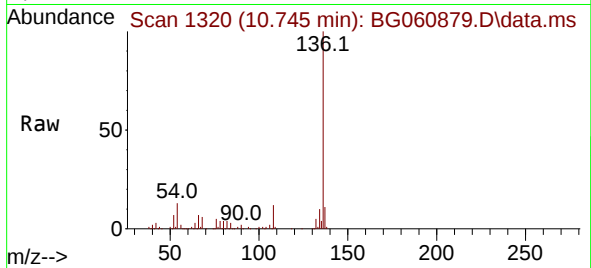


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

Tgt Ion:136 Resp: 233583

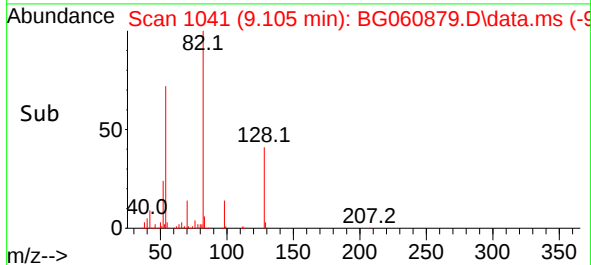
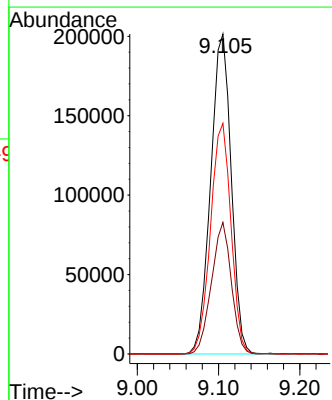
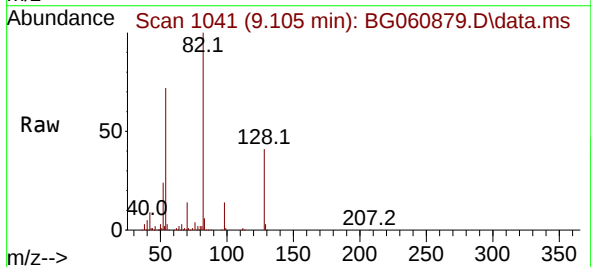
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	13.0	10.2	15.2
68	6.1	5.2	7.8

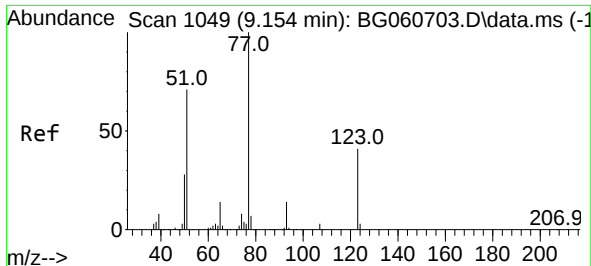


#23
Nitrobenzene-d5
Concen: 86.394 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion: 82 Resp: 353654

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.2	46.8
54	72.0	53.2	79.8

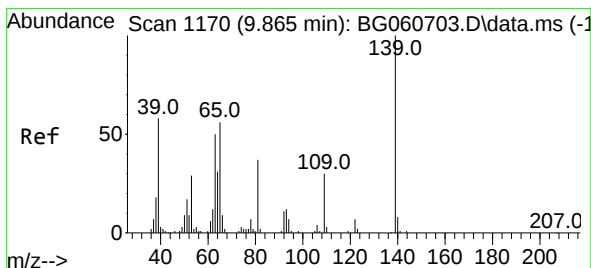
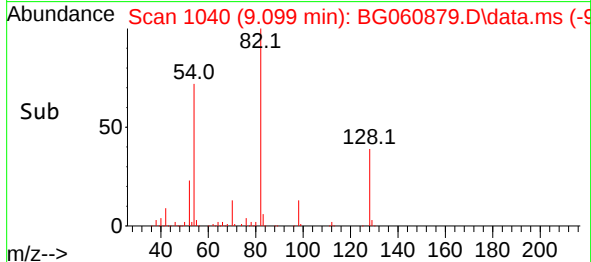
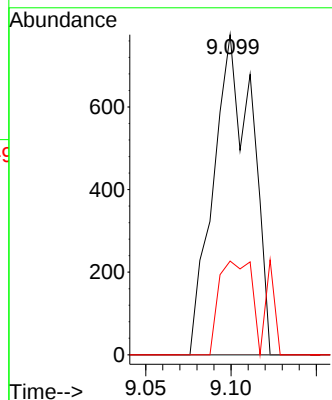
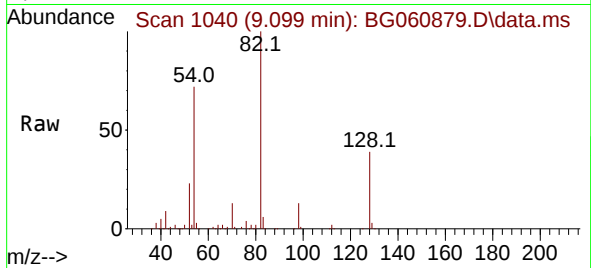




#24
Nitrobenzene
Concen: 3.025 ng
RT: 9.099 min Scan# 1040
Delta R.T. -0.055 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

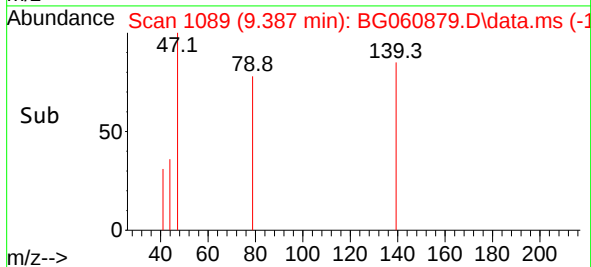
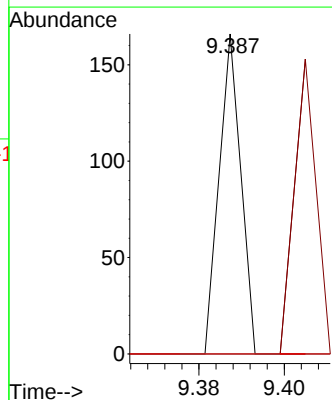
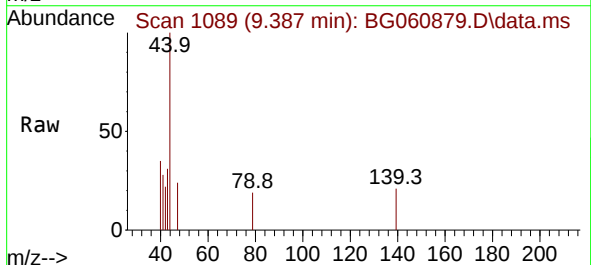
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

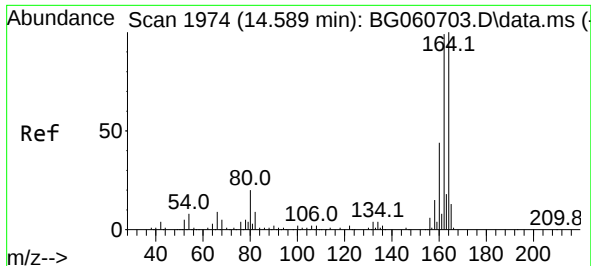
Tgt Ion: 77 Resp: 1221
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 29.3 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.001 ng
RT: 9.387 min Scan# 1089
Delta R.T. -0.478 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion: 139 Resp: 59
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

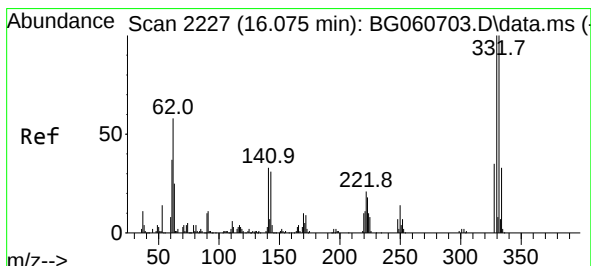
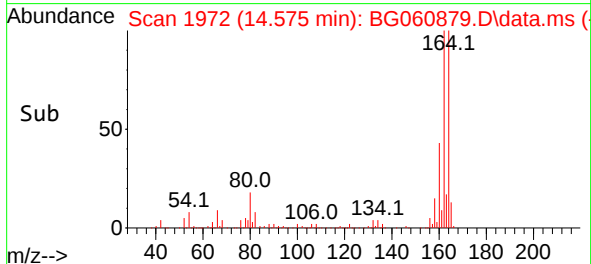
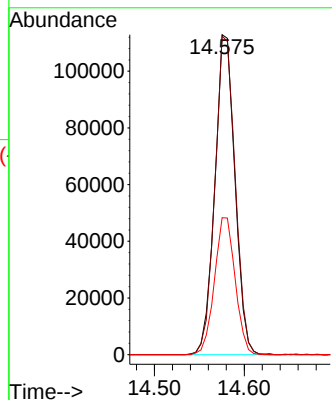
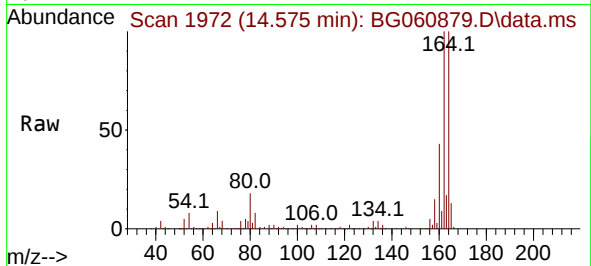




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1974
Delta R.T. -0.014 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

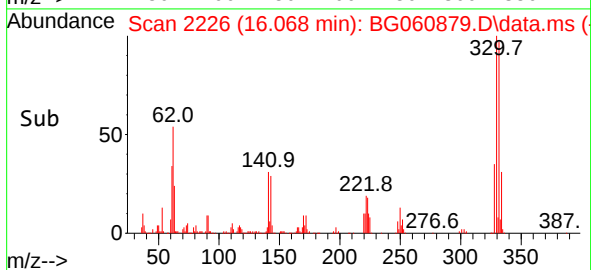
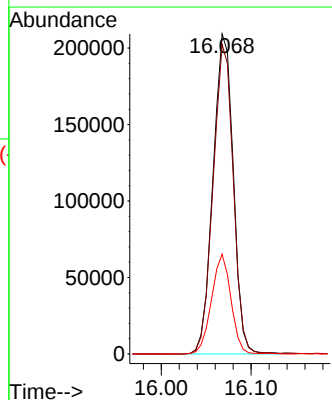
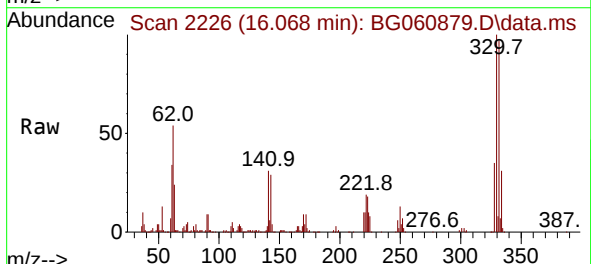
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

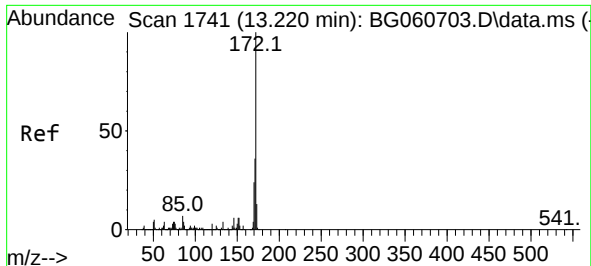
Tgt Ion:164 Resp: 175214
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 42.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 164.549 ng
RT: 16.068 min Scan# 2226
Delta R.T. -0.008 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion:330 Resp: 327282
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 30.0 27.0 40.6

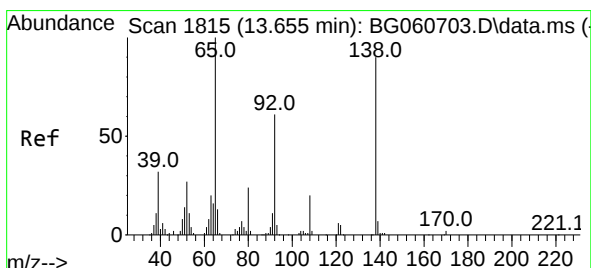
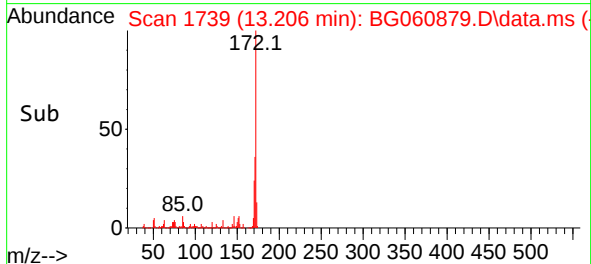
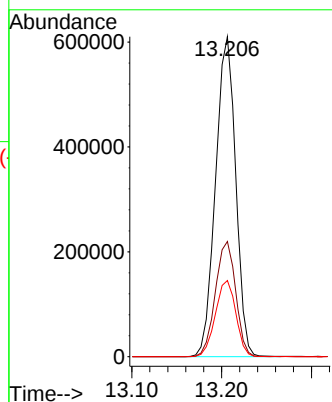
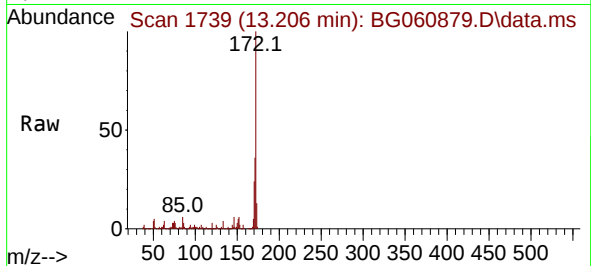




#45
2-Fluorobiphenyl
Concen: 79.566 ng
RT: 13.206 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

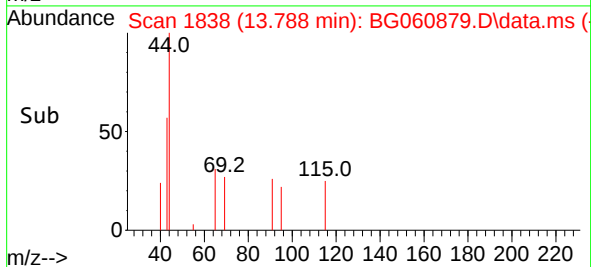
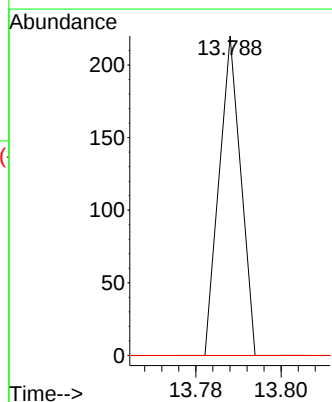
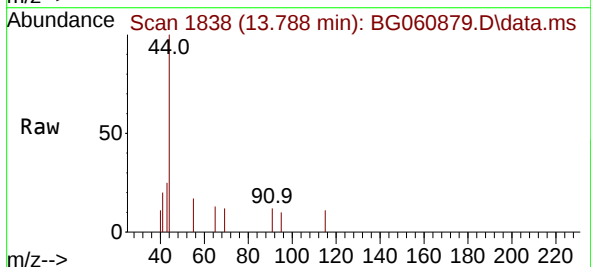
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

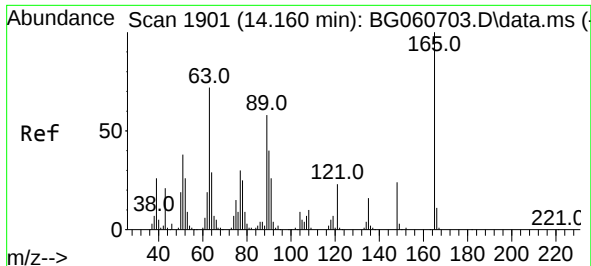
Tgt Ion:172 Resp: 949902
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 19.4 29.0



#48
2-Nitroaniline
Concen: 2.818 ng
RT: 13.788 min Scan# 1838
Delta R.T. 0.133 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion: 65 Resp: 78
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: 12.003 ng

RT: 14.575 min Scan# 1901

Delta R.T. 0.415 min

Lab File: BG060879.D

Acq: 12 Apr 2024 18:22

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

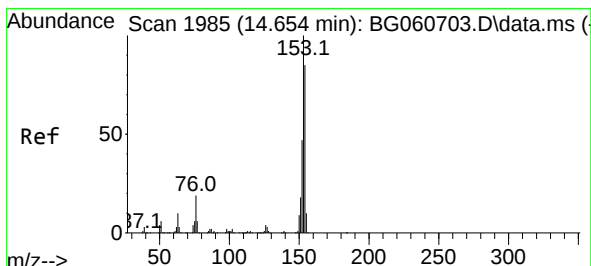
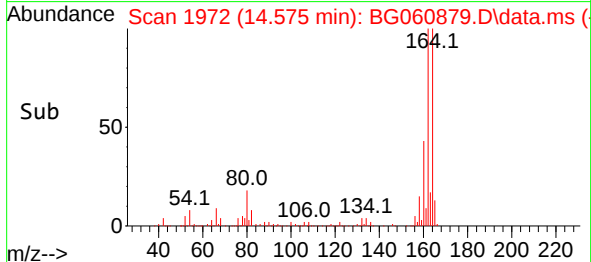
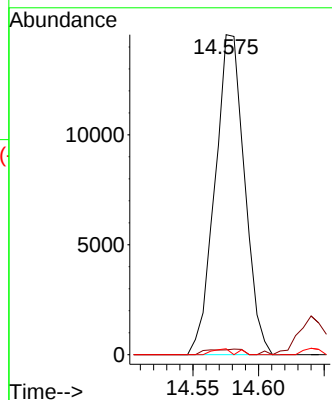
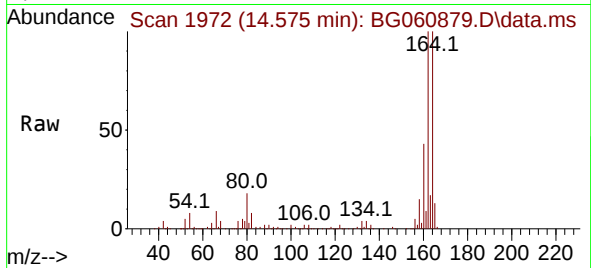
Tgt Ion:165 Resp: 22757

Ion Ratio Lower Upper

165 100

63 1.5 58.2 87.4#

89 1.9 46.1 69.1#



#52

Acenaphthene

Concen: 2.823 ng

RT: 14.646 min Scan# 1984

Delta R.T. -0.008 min

Lab File: BG060879.D

Acq: 12 Apr 2024 18:22

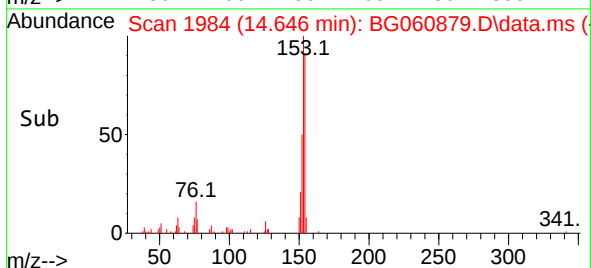
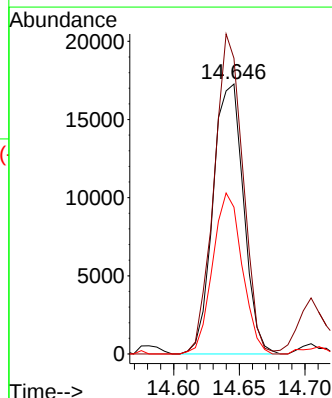
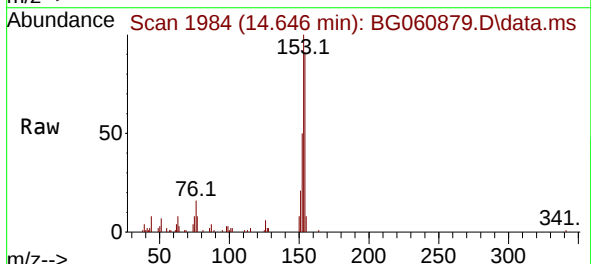
Tgt Ion:154 Resp: 28004

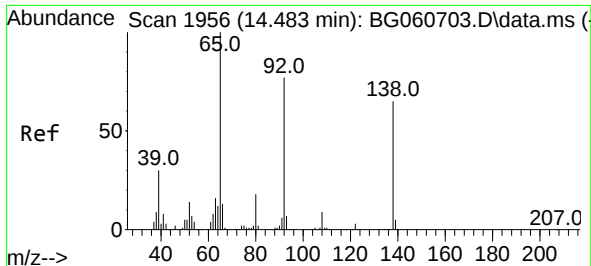
Ion Ratio Lower Upper

154 100

153 109.5 93.9 140.9

152 54.4 44.1 66.1

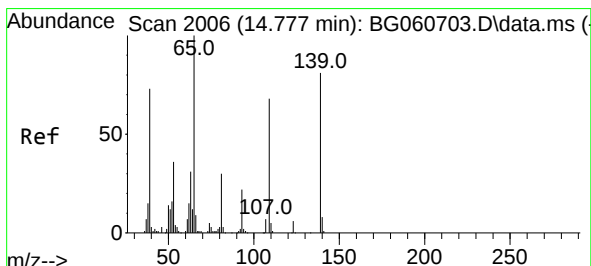
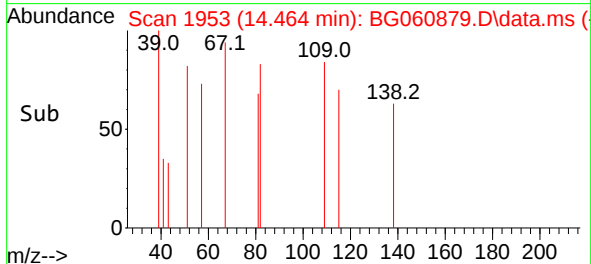
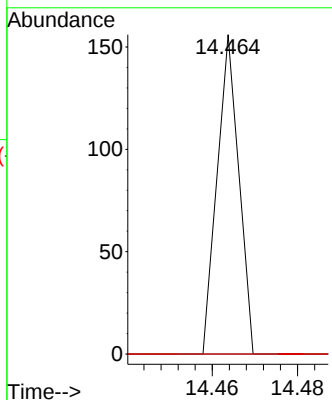
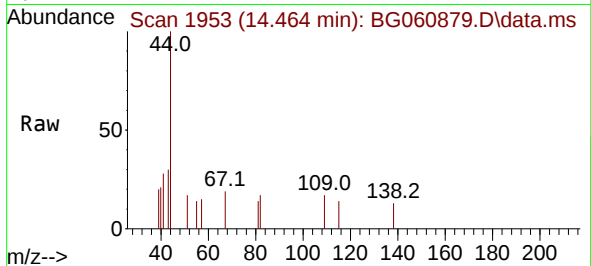




#53
3-Nitroaniline
Concen: 2.870 ng
RT: 14.464 min Scan# 1956
Delta R.T. -0.019 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

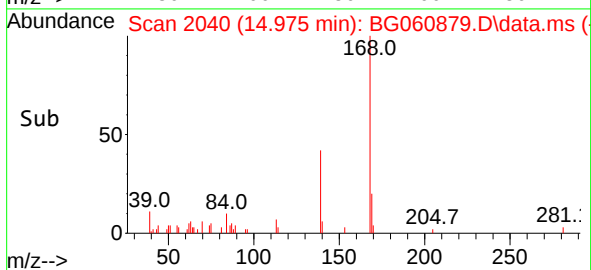
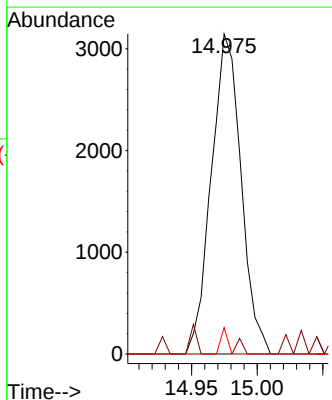
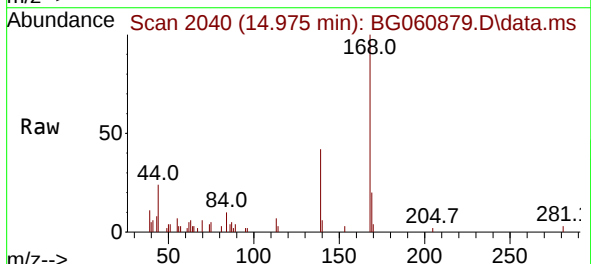
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

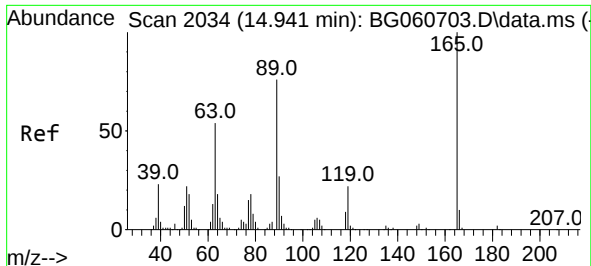
Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#56
4-Nitrophenol
Concen: 2.449 ng
RT: 14.975 min Scan# 2040
Delta R.T. 0.198 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion:139 Resp: 4959
Ion Ratio Lower Upper
139 100
109 0.0 64.0 104.0#
65 8.3 104.3 144.3#





#57

2,4-Dinitrotoluene

Concen: 10.101 ng

RT: 14.575 min Scan# 1972

Delta R.T. -0.366 min

Lab File: BG060879.D

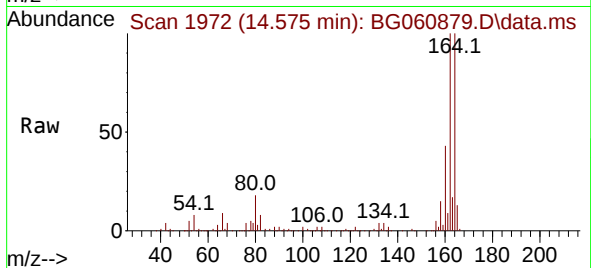
Acq: 12 Apr 2024 18:22

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP



Tgt Ion:165 Resp: 22757

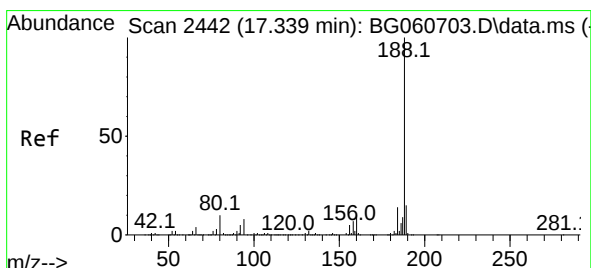
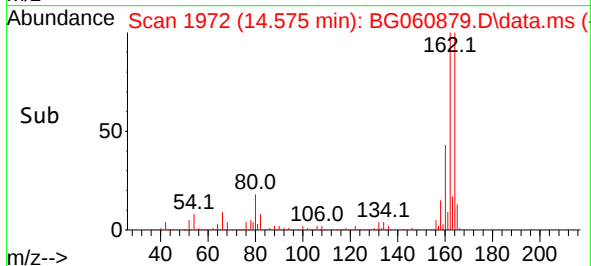
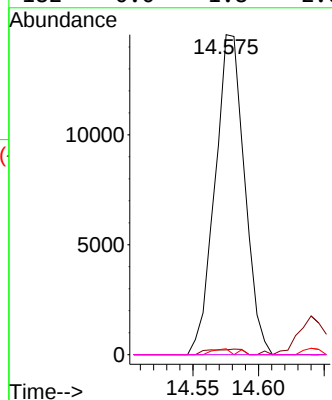
Ion Ratio Lower Upper

165 100

63 1.5 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: 17.325 min Scan# 2440

Delta R.T. -0.014 min

Lab File: BG060879.D

Acq: 12 Apr 2024 18:22

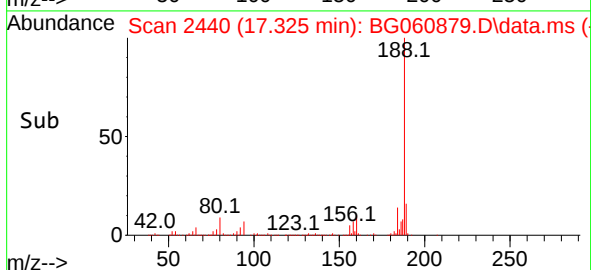
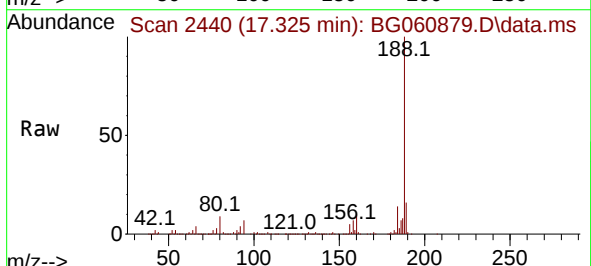
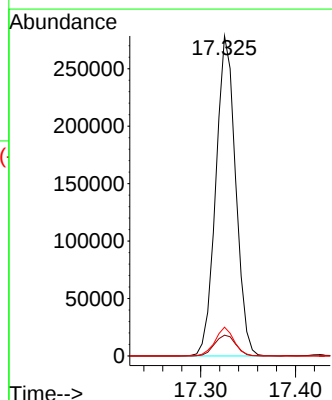
Tgt Ion:188 Resp: 404255

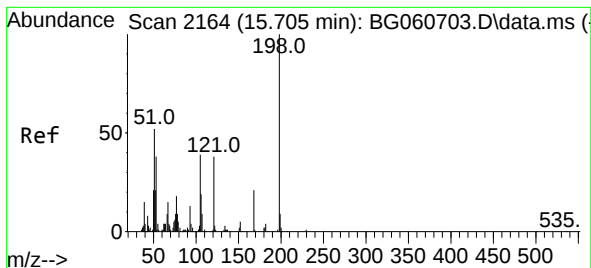
Ion Ratio Lower Upper

188 100

94 6.5 6.6 9.8#

80 9.0 7.6 11.4

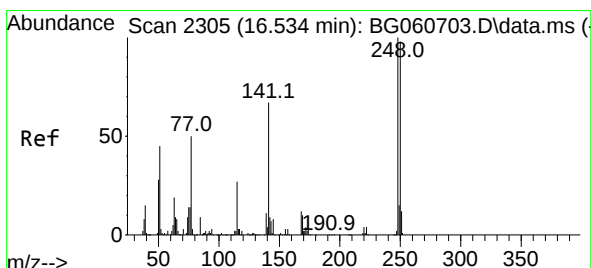
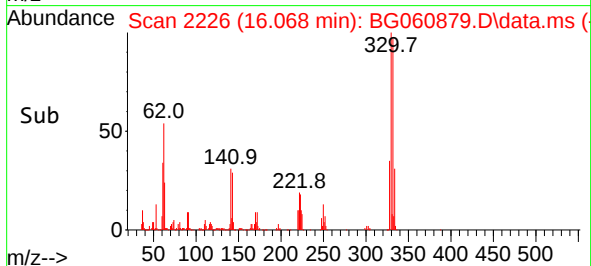
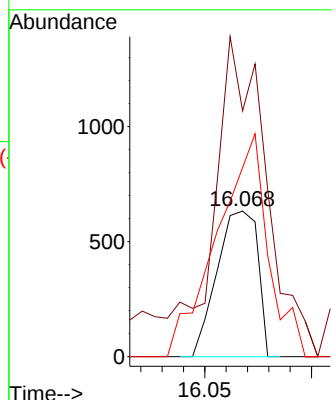
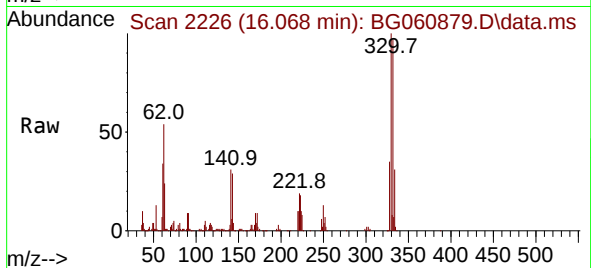




#65
4,6-Dinitro-2-methylphenol
Concen: 7.462 ng
RT: 16.068 min Scan# 2164
Delta R.T. 0.363 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

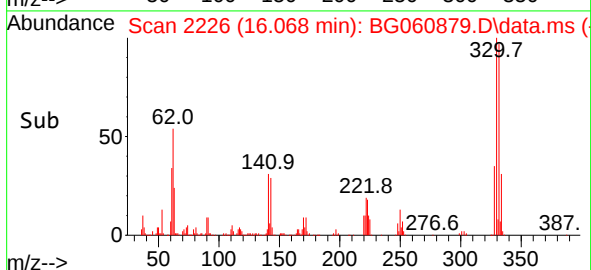
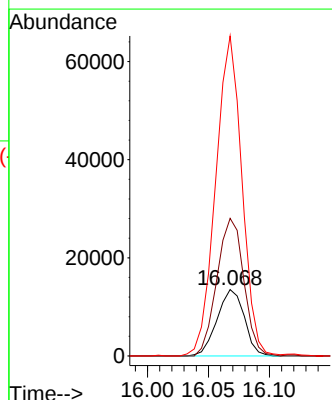
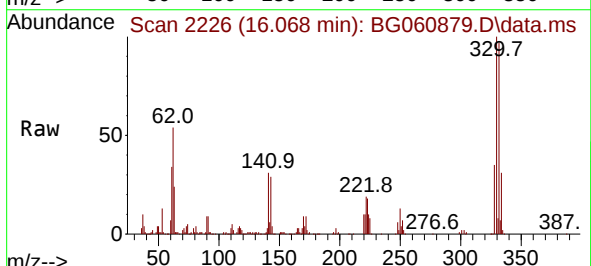
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

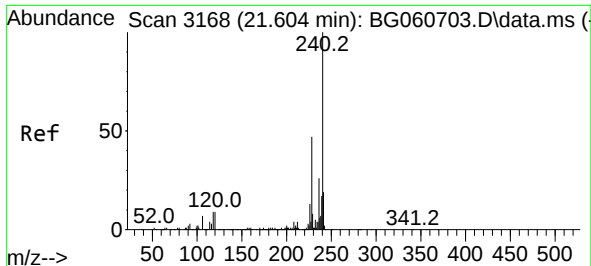
Tgt Ion:198 Resp: 837
Ion Ratio Lower Upper
198 100
51 168.7 36.7 76.7#
105 129.9 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.114 ng
RT: 16.068 min Scan# 2226
Delta R.T. -0.466 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion:248 Resp: 20981
Ion Ratio Lower Upper
248 100
250 207.1 78.3 117.5#
141 481.8 53.7 80.5#

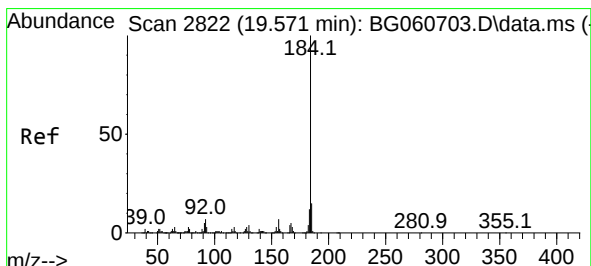
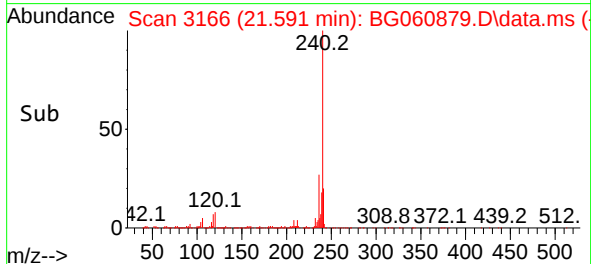
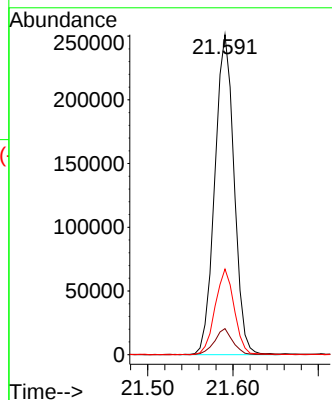
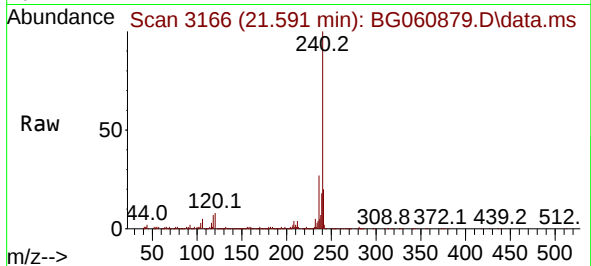




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

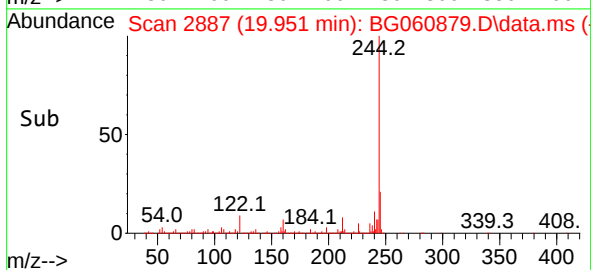
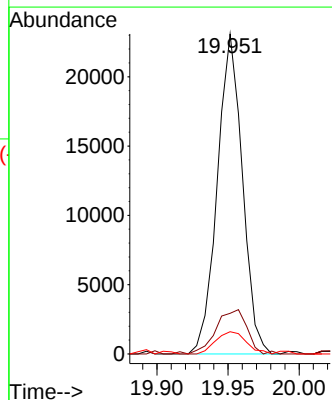
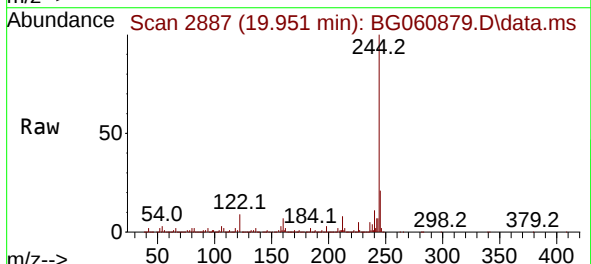
Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

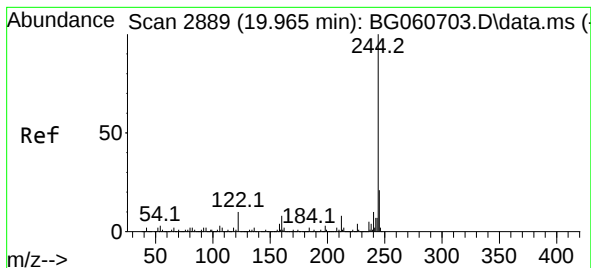
Tgt Ion:240 Resp: 394250
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.8 20.7 31.1



#77
Benzidine
Concen: 2.724 ng
RT: 19.951 min Scan# 2887
Delta R.T. 0.380 min
Lab File: BG060879.D
Acq: 12 Apr 2024 18:22

Tgt Ion:184 Resp: 28283
Ion Ratio Lower Upper
184 100
185 12.7 11.8 17.6
183 6.9 9.5 14.3#





#79

Terphenyl-d14

Concen: 80.512 ng

RT: 19.951 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG060879.D

Acq: 12 Apr 2024 18:22

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

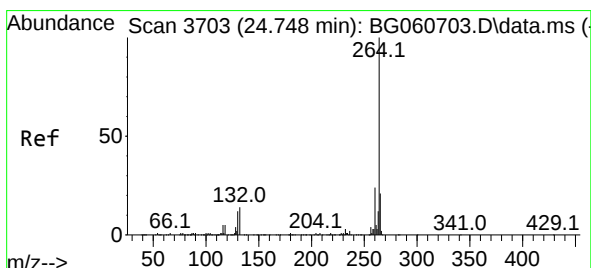
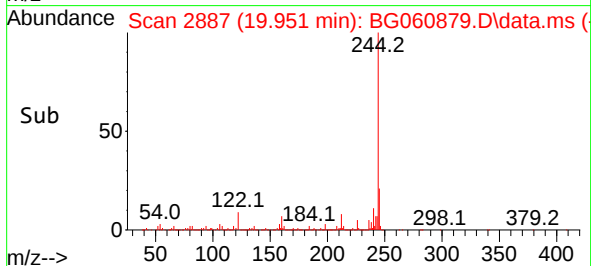
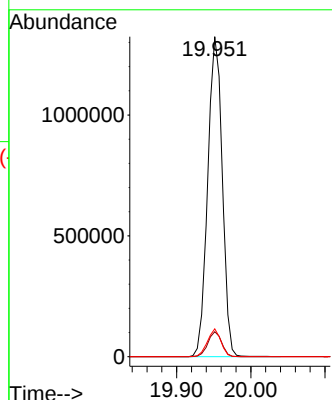
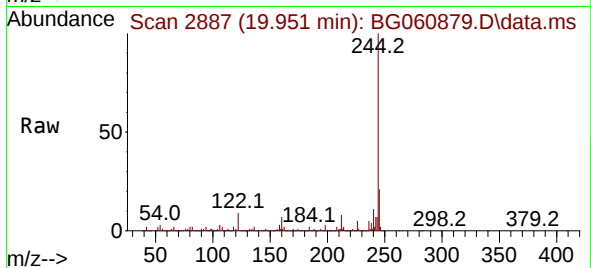
Tgt Ion:244 Resp: 1802664

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 8.7 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.728 min Scan# 3700

Delta R.T. -0.020 min

Lab File: BG060879.D

Acq: 12 Apr 2024 18:22

Tgt Ion:264 Resp: 438963

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.0 16.9 25.3

