

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030724\
 Data File : BG060593.D
 Acq On : 7 Mar 2024 17:42
 Operator : MA/JU
 Sample : PB159466BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159466BL

Quant Time: Mar 08 03:53:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 03:35:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

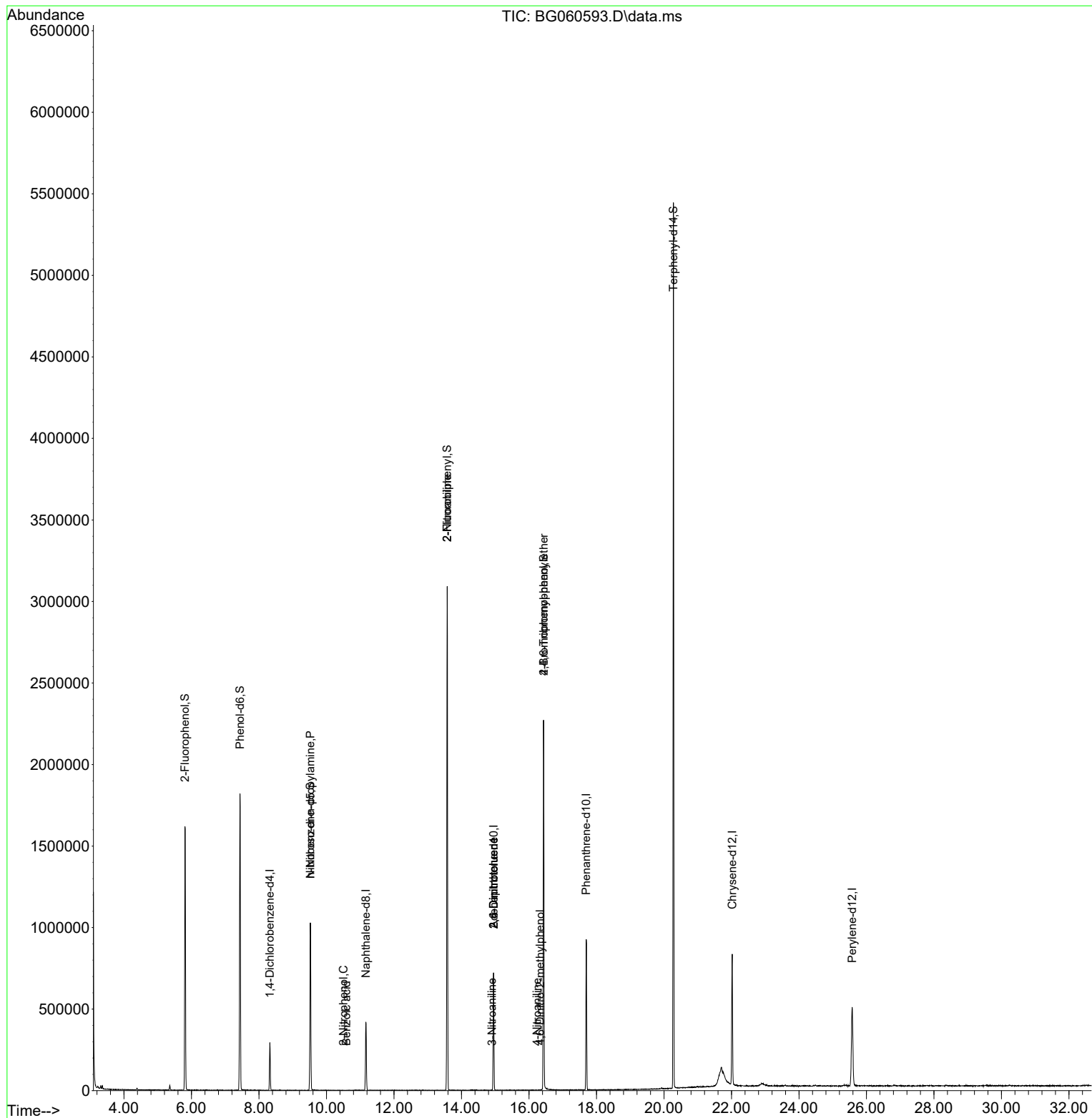
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	78723	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	351258	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	251551	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	573852	20.000	ng	0.00
76) Chrysene-d12	22.020	240	502747	20.000	ng	0.00
86) Perylene-d12	25.574	264	561012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	684691	144.145	ng	0.00
7) Phenol-d6	7.437	99	1024744	142.884	ng	0.00
23) Nitrobenzene-d5	9.522	82	573709	93.589	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	425152	138.831	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	1605144	87.170	ng	0.00
79) Terphenyl-d14	20.280	244	2515107	88.357	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.522	70	74674	14.892	ng	# 77
26) 2-Nitrophenol	10.504	139	54	3.598	ng	# 28
32) Benzoic acid	10.586	122	63	5.653	ng	# 1
48) 2-Nitroaniline	13.576	65	2893	4.482	ng	# 1
51) 2,6-Dinitrotoluene	14.951	165	32789	12.666	ng	# 17
53) 3-Nitroaniline	14.904	138	66	2.719	ng	# 1
57) 2,4-Dinitrotoluene	14.951	165	32789	10.987	ng	# 15
62) 4-Nitroaniline	16.238	138	53	2.162	ng	# 11
65) 4,6-Dinitro-2-methylph...	16.332	198	97	7.155	ng	# 23
67) 4-Bromophenyl-phenylether	16.432	248	27714	4.330	ng	# 1

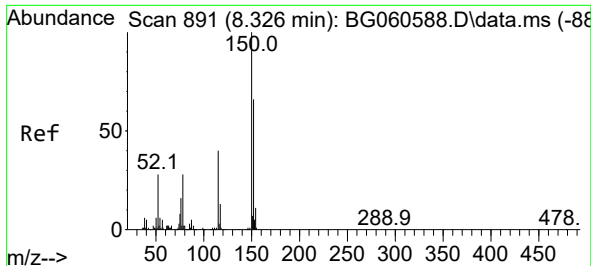
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030724\
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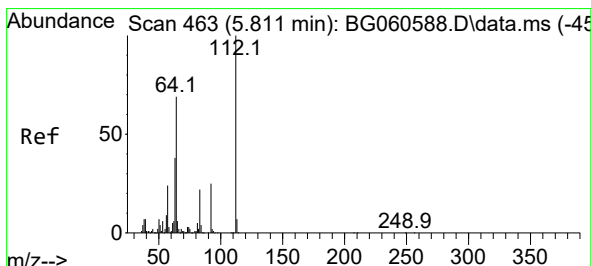
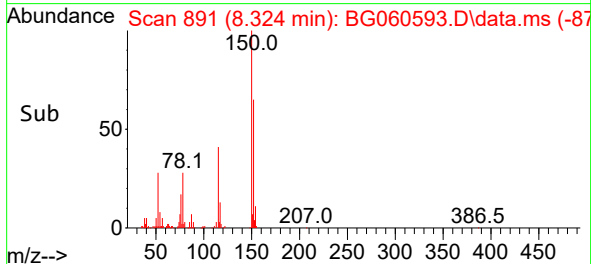
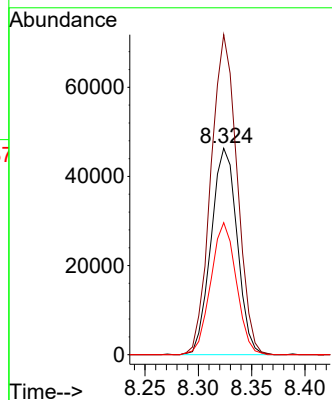
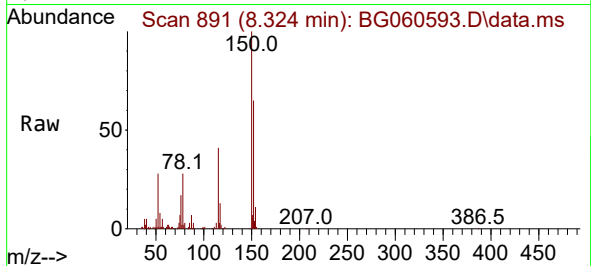




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.324 min Scan# 891
 Delta R.T. -0.002 min
 Lab File: BG060593.D
 Acq: 7 Mar 2024 17:42

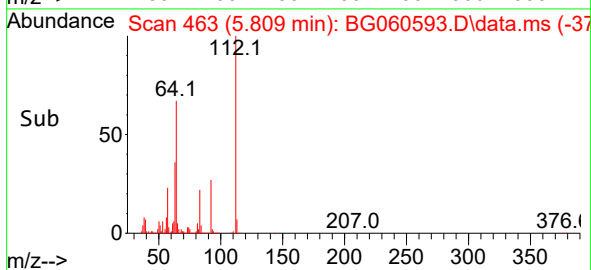
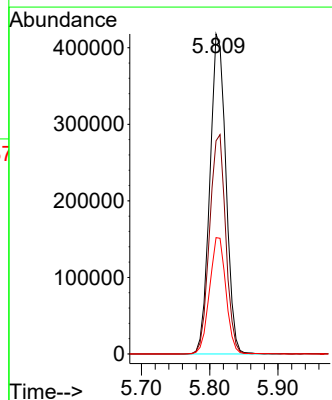
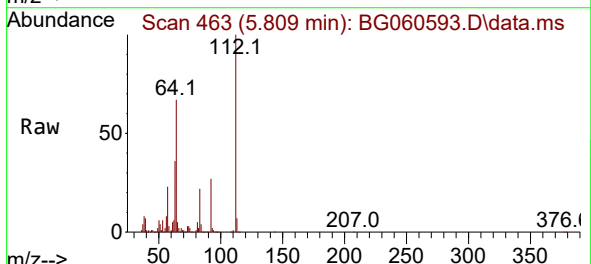
Instrument :
 BNA_G
 ClientSampleId :
 PB159466BL

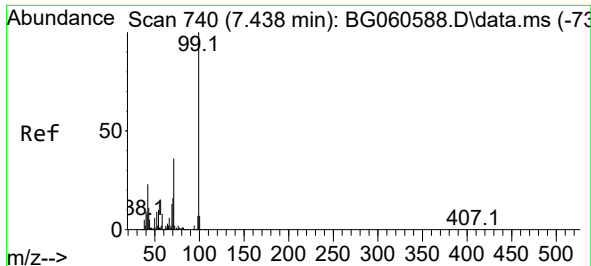
Tgt Ion:152 Resp: 78723
 Ion Ratio Lower Upper
 152 100
 150 155.0 121.0 181.6
 115 64.0 48.3 72.5



#5
 2-Fluorophenol
 Concen: 144.145 ng
 RT: 5.809 min Scan# 463
 Delta R.T. -0.002 min
 Lab File: BG060593.D
 Acq: 7 Mar 2024 17:42

Tgt Ion:112 Resp: 684691
 Ion Ratio Lower Upper
 112 100
 64 66.6 55.0 82.4
 63 36.4 30.1 45.1

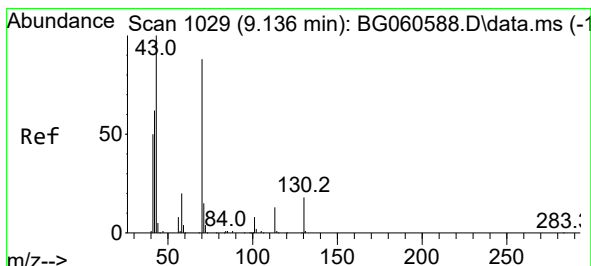
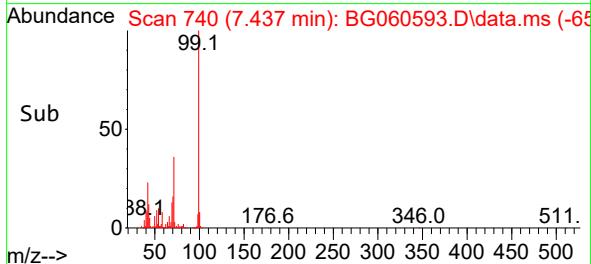
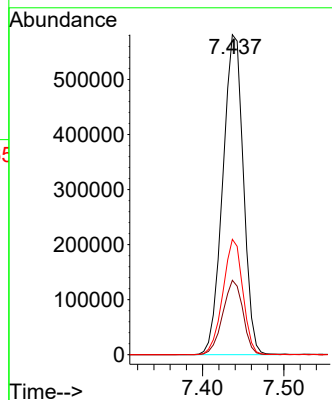
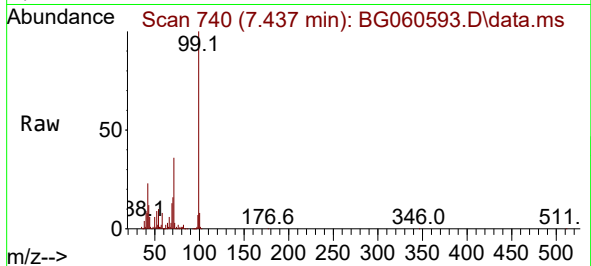




#7
Phenol-d6
Concen: 142.884 ng
RT: 7.437 min Scan# 74
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

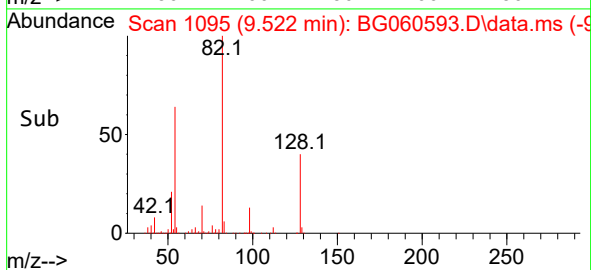
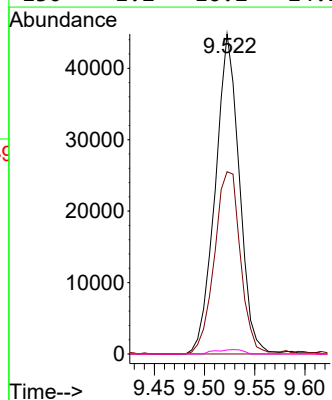
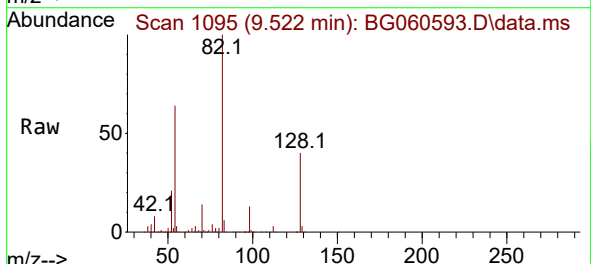
Instrument :
BNA_G
ClientSampleId :
PB159466BL

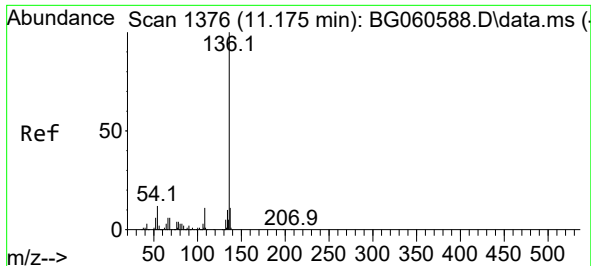
Tgt Ion: 99 Resp: 1024744
Ion Ratio Lower Upper
99 100
42 23.3 18.6 27.8
71 36.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.892 ng
RT: 9.522 min Scan# 1095
Delta R.T. 0.386 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion: 70 Resp: 74674
Ion Ratio Lower Upper
70 100
42 57.0 57.0 85.6#
101 0.0 7.0 10.6#
130 1.2 16.2 24.2#

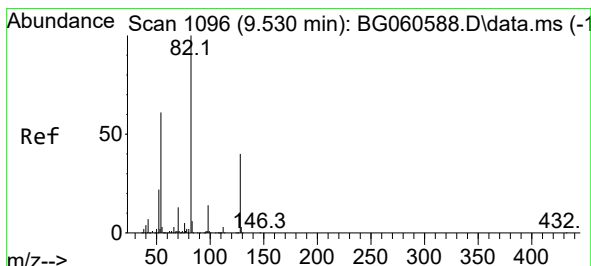
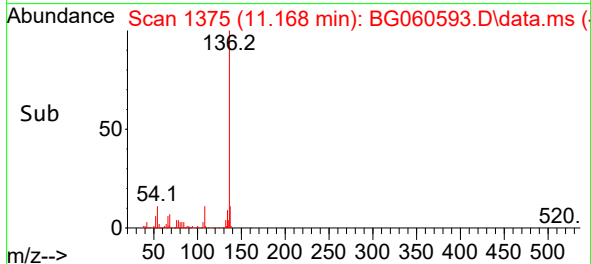
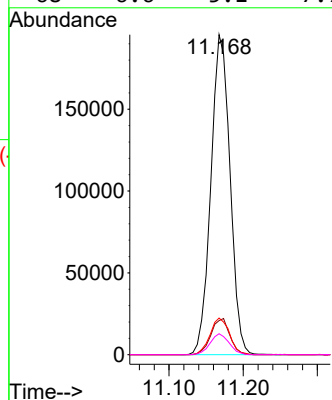
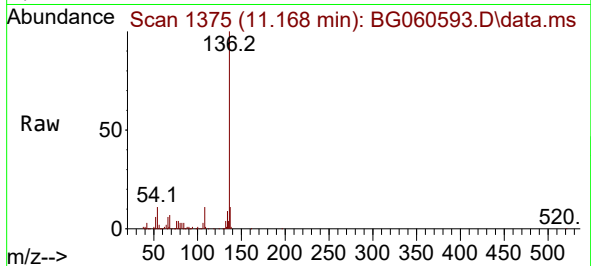




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

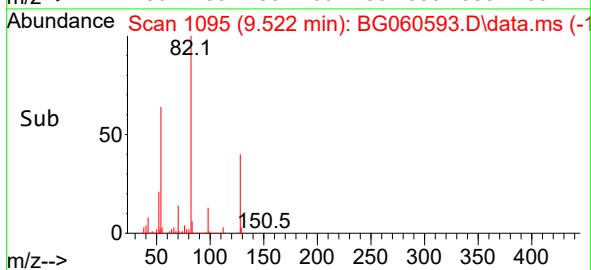
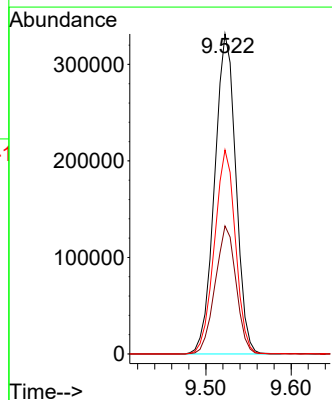
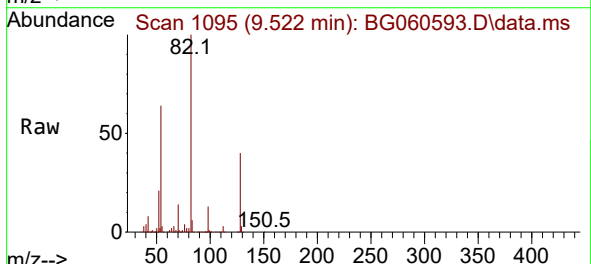
Instrument :
BNA_G
ClientSampleId :
PB159466BL

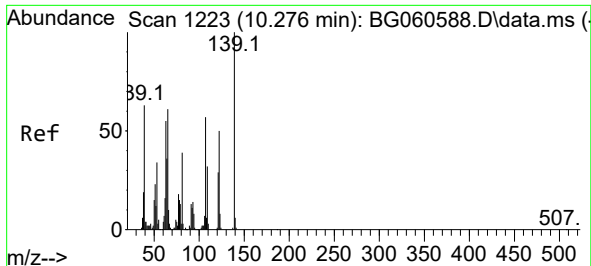
Tgt Ion:136 Resp: 351258
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 11.5 9.2 13.8
68 6.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 93.589 ng
RT: 9.522 min Scan# 1095
Delta R.T. -0.008 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion: 82 Resp: 573709
Ion Ratio Lower Upper
82 100
128 40.0 31.8 47.6
54 63.7 48.9 73.3

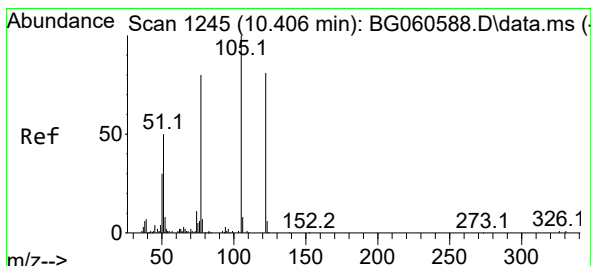
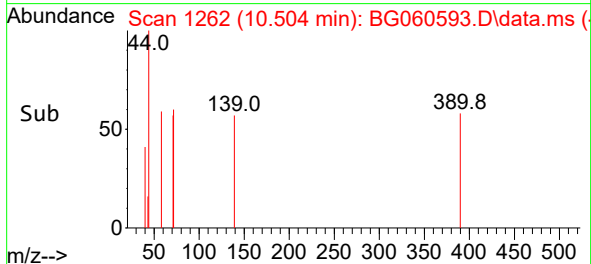
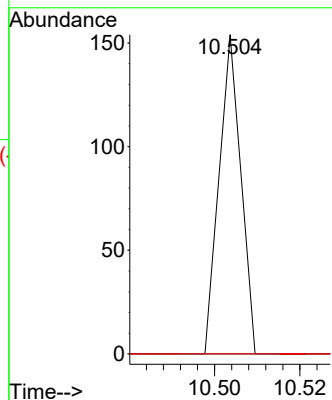
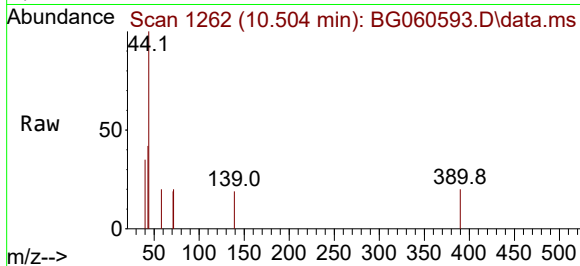




#26
2-Nitrophenol
Concen: 3.598 ng
RT: 10.504 min Scan# 11
Delta R.T. 0.228 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

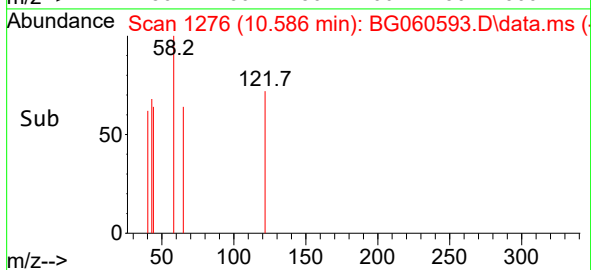
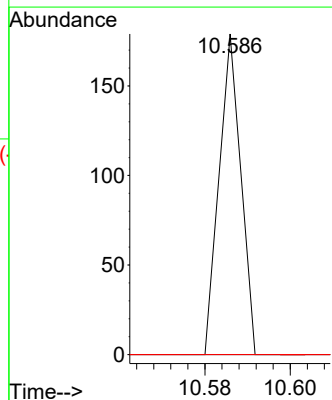
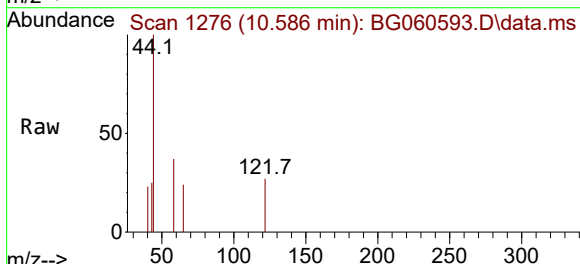
Instrument :
BNA_G
ClientSampleId :
PB159466BL

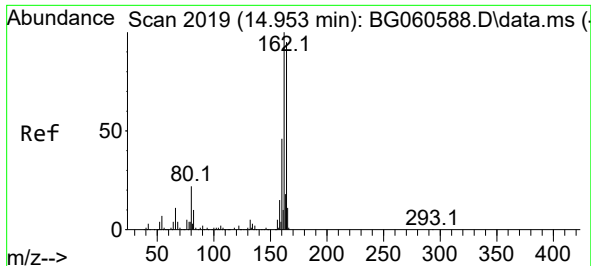
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 0.0 48.6 73.0#



#32
Benzoic acid
Concen: 5.653 ng
RT: 10.586 min Scan# 1276
Delta R.T. 0.180 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 104.2 144.2#
77 0.0 80.1 120.1#

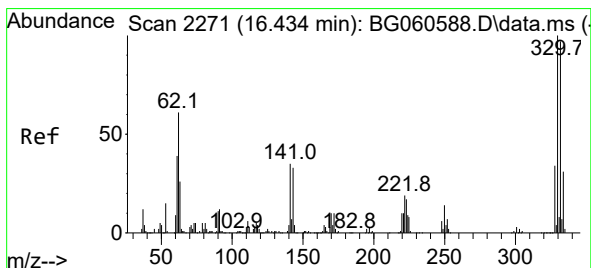
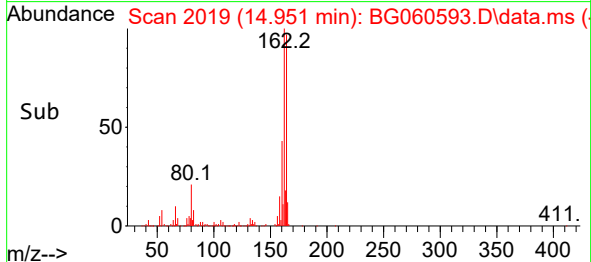
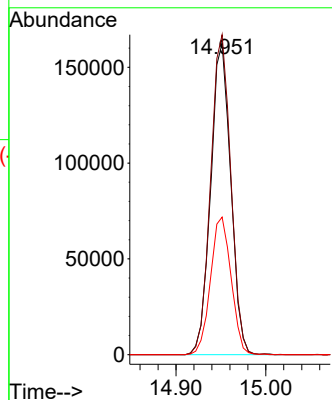
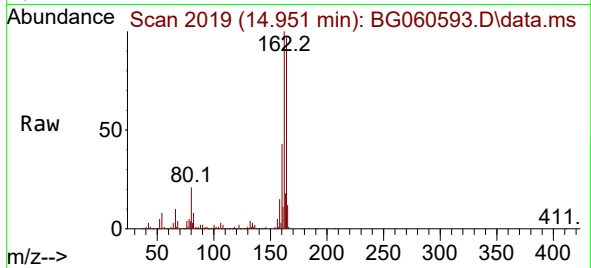




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

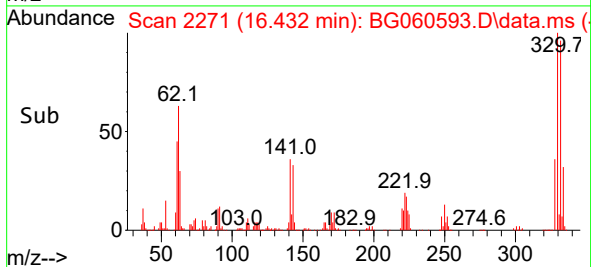
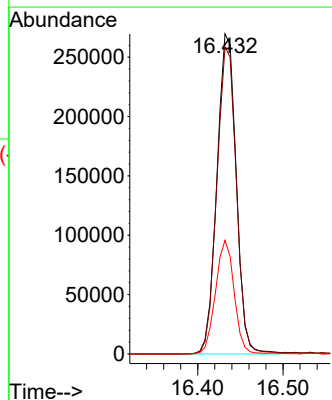
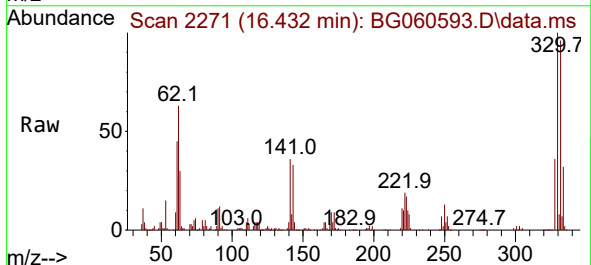
Instrument :
BNA_G
ClientSampleId :
PB159466BL

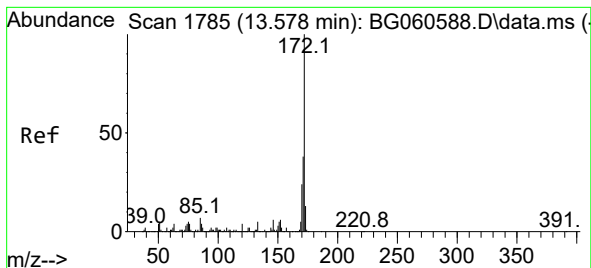
Tgt Ion:164 Resp: 251551
Ion Ratio Lower Upper
164 100
162 102.8 84.2 126.2
160 44.2 38.6 57.8



#42
2,4,6-Tribromophenol
Concen: 138.831 ng
RT: 16.432 min Scan# 2271
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion:330 Resp: 425152
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 34.1 26.4 39.6





#45

2-Fluorobiphenyl

Concen: 87.170 ng

RT: 13.576 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060593.D

Acq: 7 Mar 2024 17:42

Instrument :

BNA_G

ClientSampleId :

PB159466BL

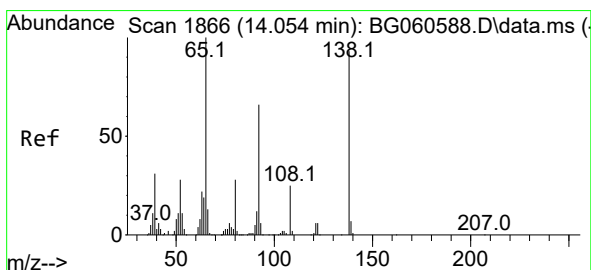
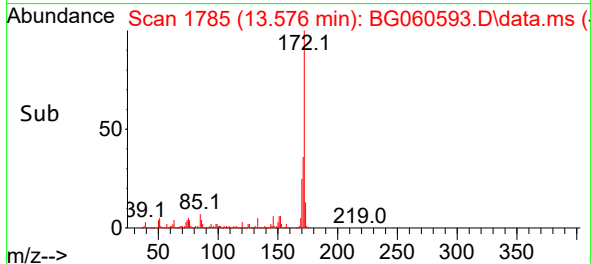
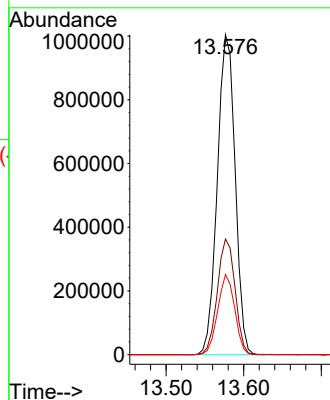
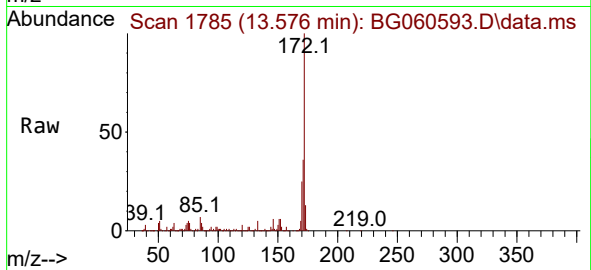
Tgt Ion:172 Resp: 1605144

Ion Ratio Lower Upper

172 100

171 36.2 30.2 45.2

170 25.1 19.5 29.3



#48

2-Nitroaniline

Concen: 4.482 ng

RT: 13.576 min Scan# 1785

Delta R.T. -0.478 min

Lab File: BG060593.D

Acq: 7 Mar 2024 17:42

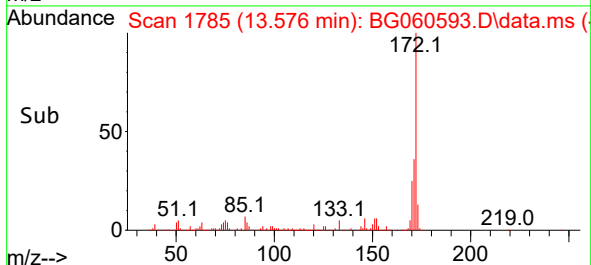
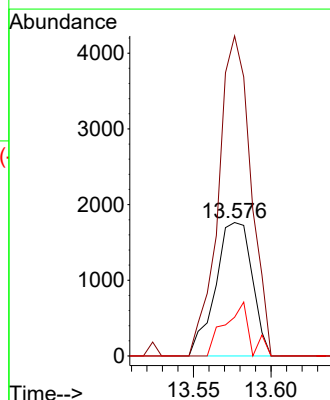
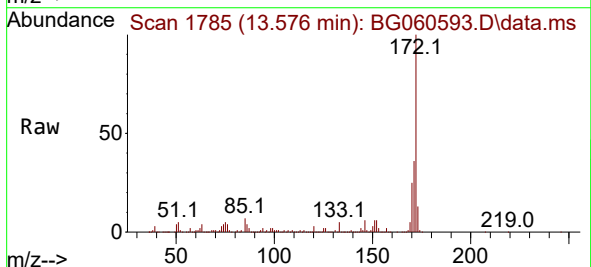
Tgt Ion: 65 Resp: 2893

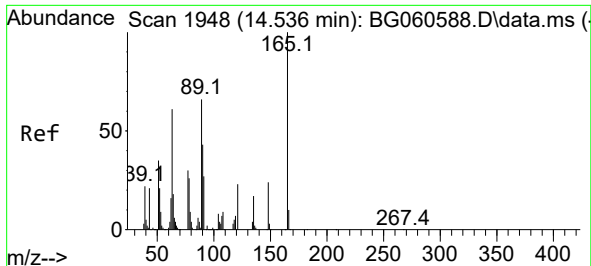
Ion Ratio Lower Upper

65 100

92 239.7 52.6 79.0#

138 29.0 74.2 111.4#

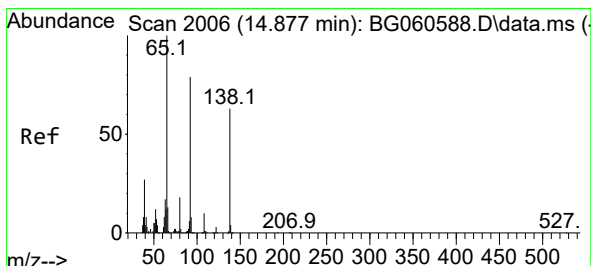
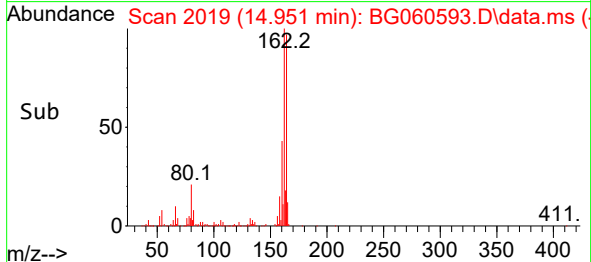
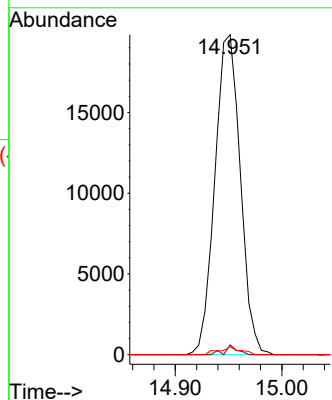
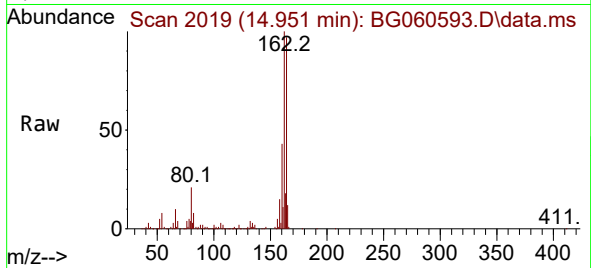




#51
2,6-Dinitrotoluene
Concen: 12.666 ng
RT: 14.951 min Scan# 2011
Delta R.T. 0.415 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

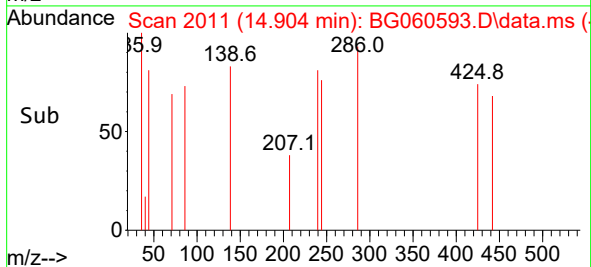
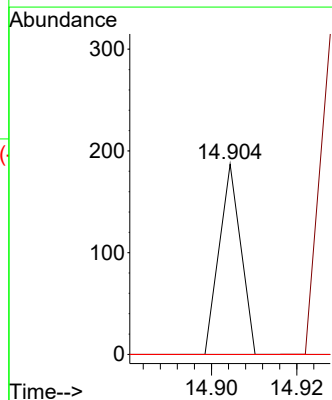
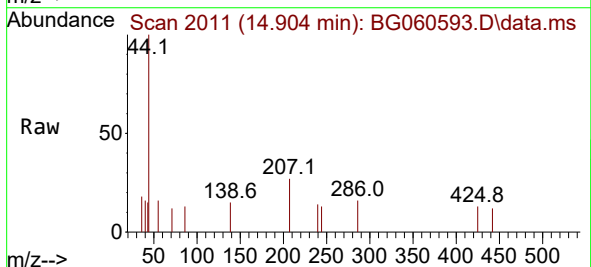
Instrument :
BNA_G
ClientSampleId :
PB159466BL

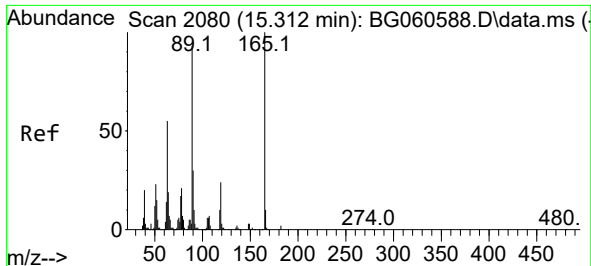
Tgt Ion:165 Resp: 32789
Ion Ratio Lower Upper
165 100
63 3.0 60.5 90.7#
89 2.5 53.1 79.7#



#53
3-Nitroaniline
Concen: 2.719 ng
RT: 14.904 min Scan# 2011
Delta R.T. 0.027 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion:138 Resp: 66
Ion Ratio Lower Upper
138 100
108 0.0 12.5 18.7#
92 0.0 100.4 150.6#





#57

2,4-Dinitrotoluene

Concen: 10.987 ng

RT: 14.951 min Scan# 20

Delta R.T. -0.361 min

Lab File: BG060593.D

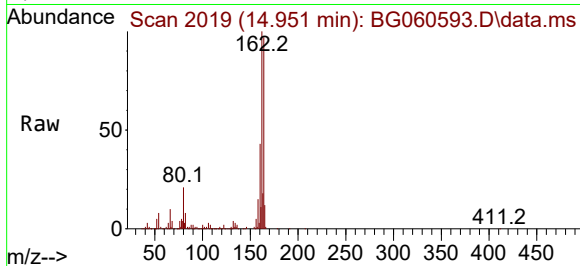
Acq: 7 Mar 2024 17:42

Instrument :

BNA_G

ClientSampleId :

PB159466BL



Tgt Ion:165 Resp: 32789

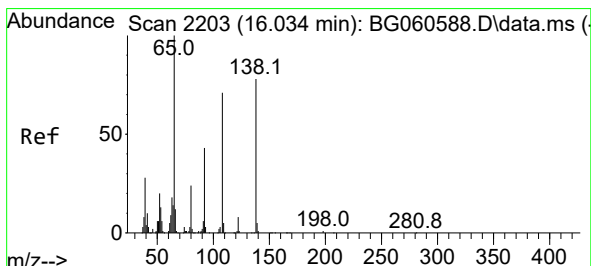
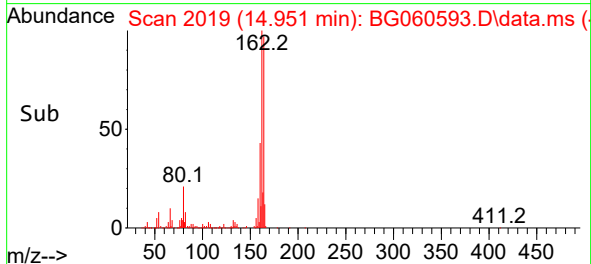
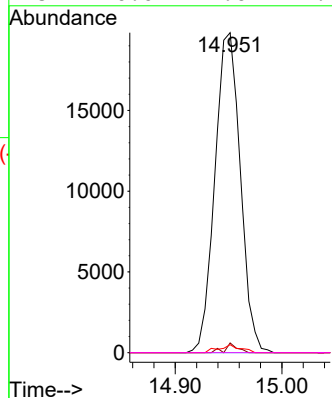
Ion Ratio Lower Upper

165 100

63 3.0 44.2 66.4#

89 2.5 74.6 111.8#

182 0.0 1.6 2.4#



#62

4-Nitroaniline

Concen: 2.162 ng

RT: 16.238 min Scan# 2238

Delta R.T. 0.204 min

Lab File: BG060593.D

Acq: 7 Mar 2024 17:42

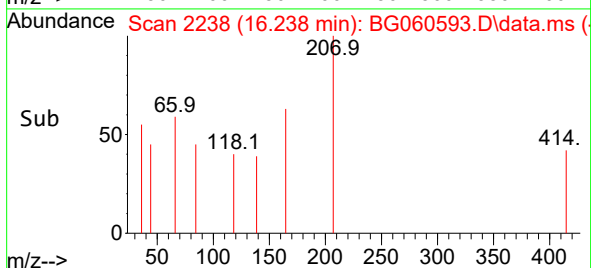
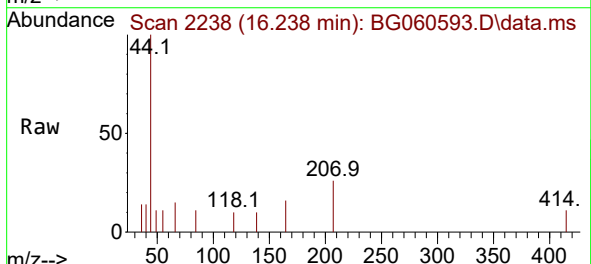
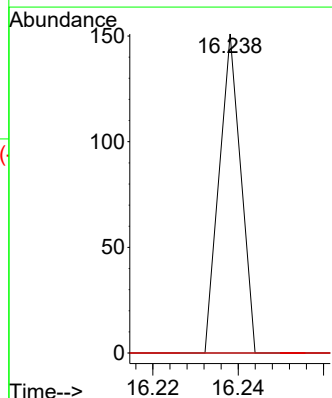
Tgt Ion:138 Resp: 53

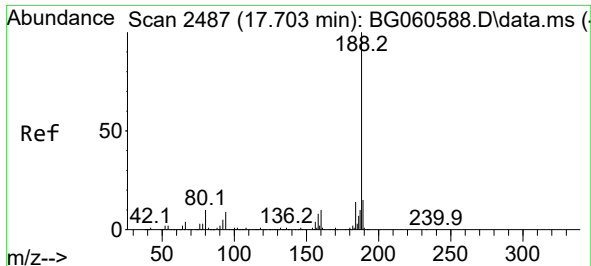
Ion Ratio Lower Upper

138 100

92 0.0 35.9 75.9#

108 0.0 71.5 111.5#

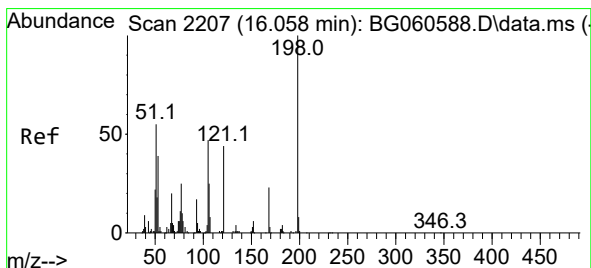
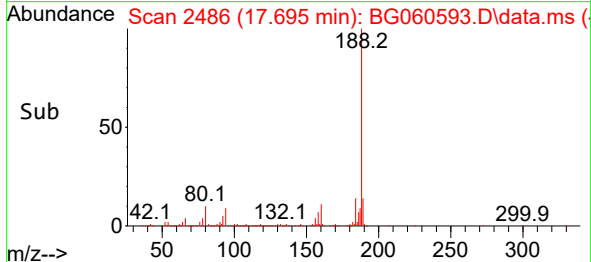
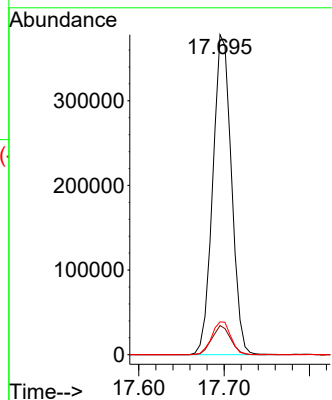
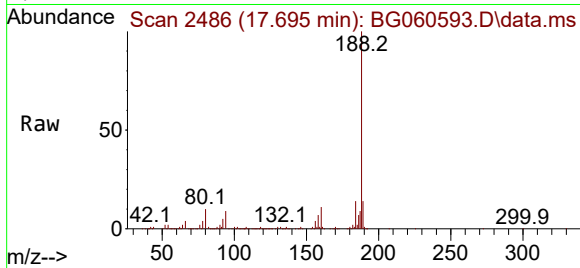




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2487
Delta R.T. -0.008 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

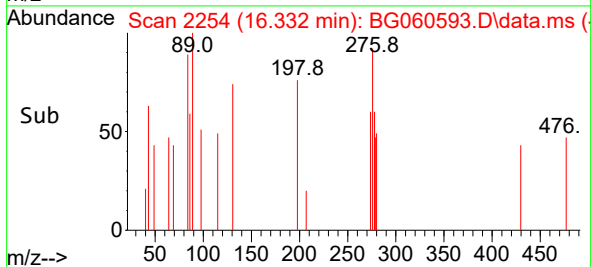
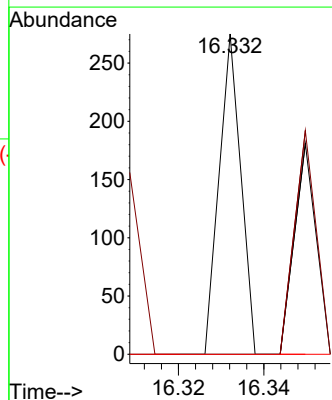
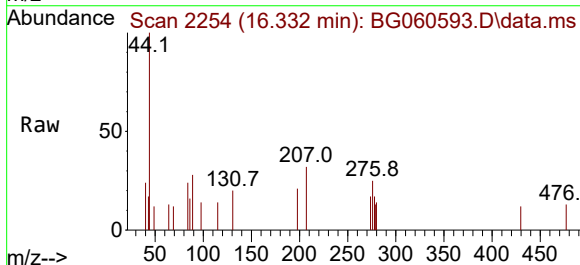
Instrument :
BNA_G
ClientSampleId :
PB159466BL

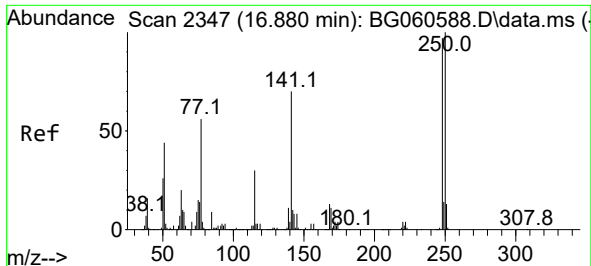
Tgt Ion:188 Resp: 573852
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.3 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 7.155 ng
RT: 16.332 min Scan# 2254
Delta R.T. 0.274 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion:198 Resp: 97
Ion Ratio Lower Upper
198 100
51 0.0 42.5 82.5#
105 0.0 28.7 68.7#

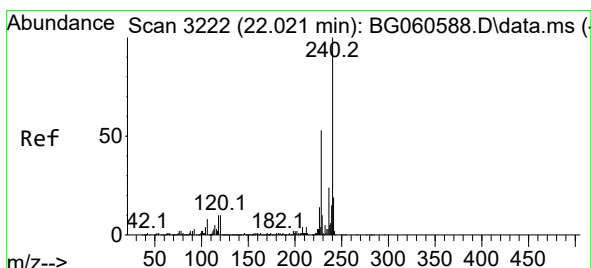
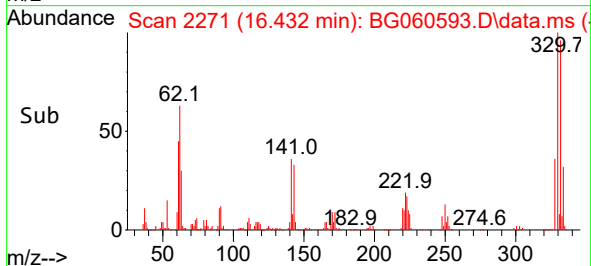
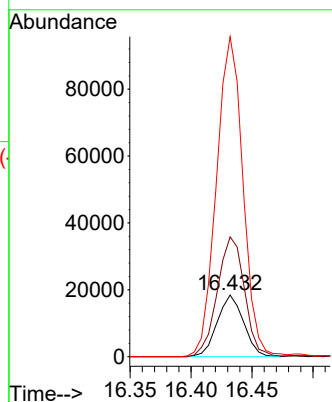
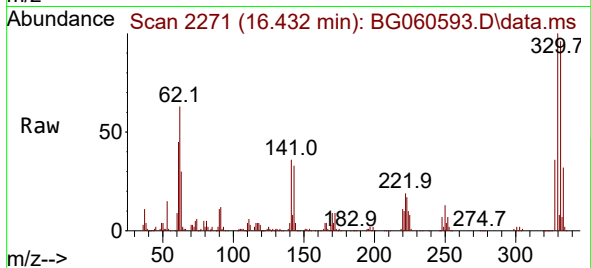




#67
4-Bromophenyl-phenylether
Concen: 4.330 ng
RT: 16.432 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

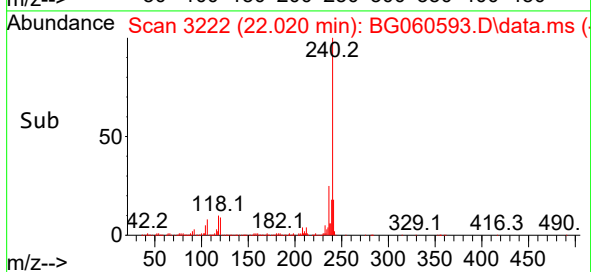
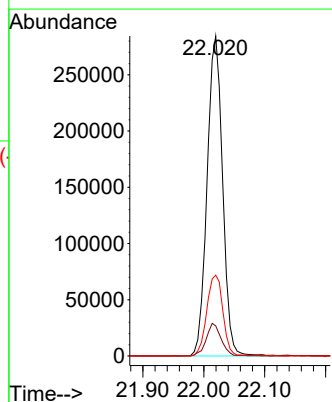
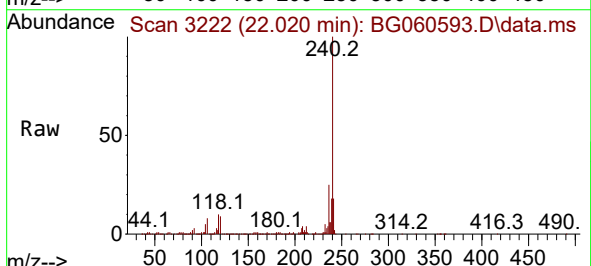
Instrument :
BNA_G
ClientSampleId :
PB159466BL

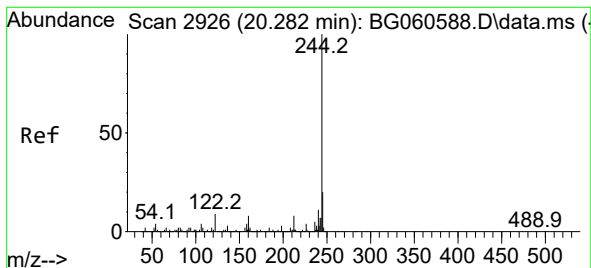
Tgt Ion:248 Resp: 27714
Ion Ratio Lower Upper
248 100
250 194.7 82.6 124.0#
141 519.7 57.7 86.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.020 min Scan# 3222
Delta R.T. -0.002 min
Lab File: BG060593.D
Acq: 7 Mar 2024 17:42

Tgt Ion:240 Resp: 502747
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 25.2 19.5 29.3





#79

Terphenyl-d14

Concen: 88.357 ng

RT: 20.280 min Scan# 2926

Delta R.T. -0.002 min

Lab File: BG060593.D

Acq: 7 Mar 2024 17:42

Instrument :

BNA_G

ClientSampleId :

PB159466BL

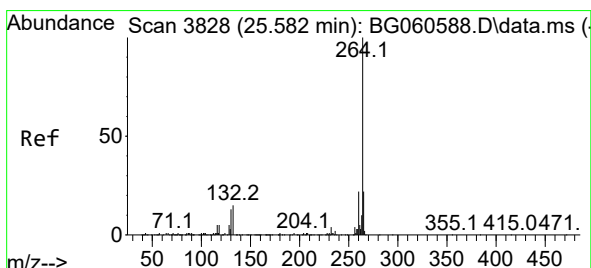
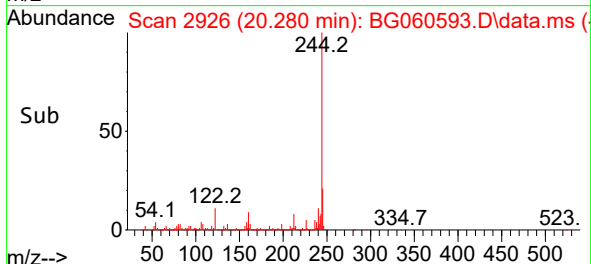
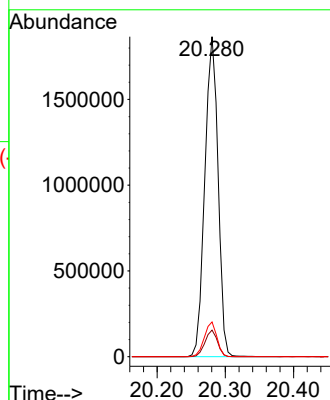
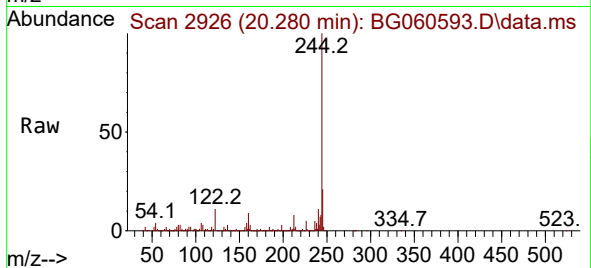
Tgt Ion:244 Resp: 2515107

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

122 10.8 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.574 min Scan# 3827

Delta R.T. -0.008 min

Lab File: BG060593.D

Acq: 7 Mar 2024 17:42

Tgt Ion:264 Resp: 561012

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 20.7 17.5 26.3

