

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060239.D
 Acq On : 4 Jan 2024 10:55
 Operator : MA/JU
 Sample : PB158168BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158168BL

Quant Time: Jan 04 12:02:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

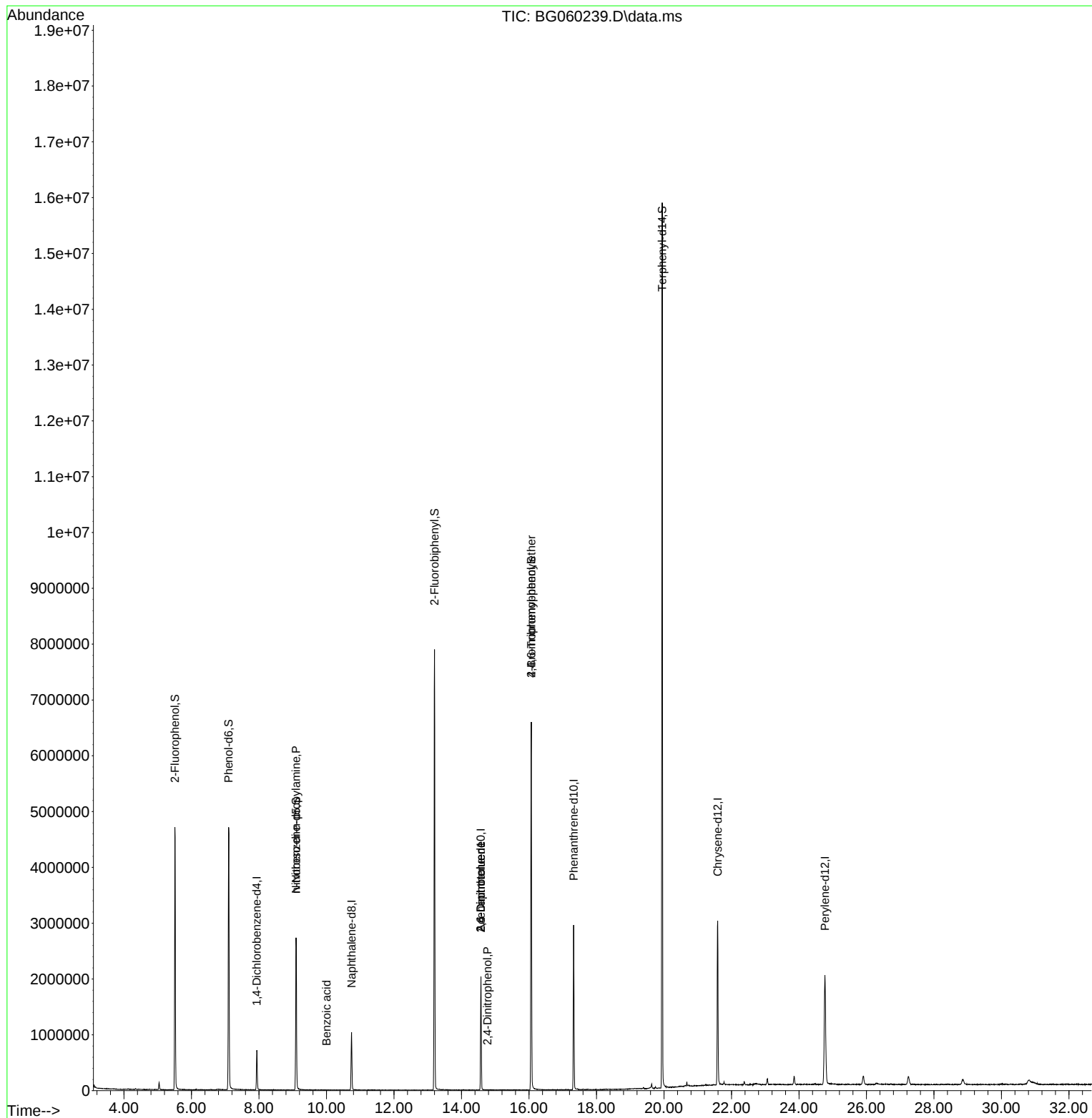
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	220324	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	899993	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	713185	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1917157	20.000	ng	0.00
76) Chrysene-d12	21.591	240	1869236	20.000	ng	0.00
86) Perylene-d12	24.769	264	2088492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	2138981	146.532	ng	0.00
7) Phenol-d6	7.102	99	3117824	143.853	ng	0.00
23) Nitrobenzene-d5	9.099	82	1829717	93.906	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	1422851	149.041	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	4225751	85.158	ng	0.00
79) Terphenyl-d14	19.945	244	6149039	63.242	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	225599	15.237	ng	# 84
32) Benzoic acid	10.004	122	161	10.285	ng	# 1
51) 2,6-Dinitrotoluene	14.575	165	90898	7.937	ng	# 30
54) 2,4-Dinitrophenol	14.769	184	248	8.270	ng	# 25
57) 2,4-Dinitrotoluene	14.575	165	90898	5.837	ng	# 28
67) 4-Bromophenyl-phenylether	16.068	248	87046	4.283	ng	# 1

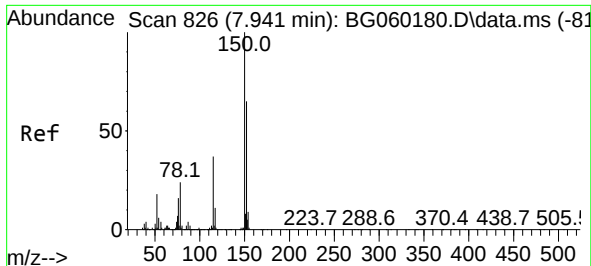
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

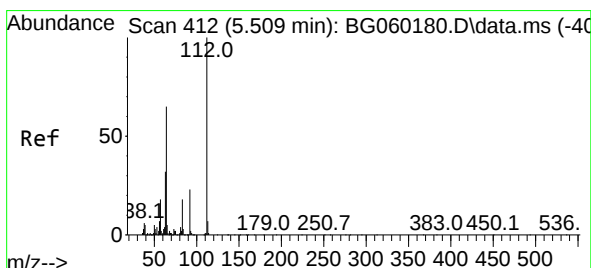
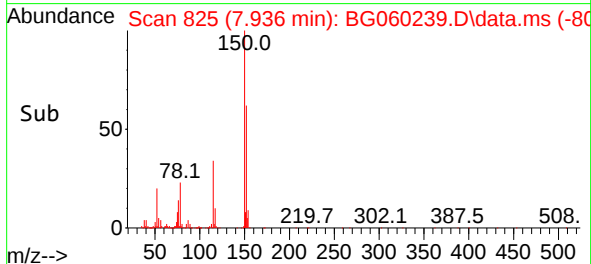
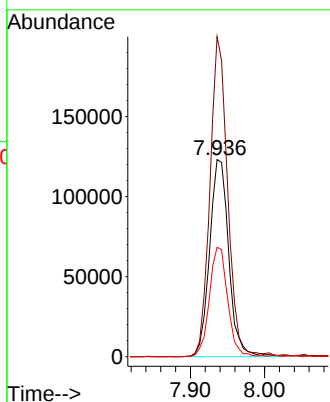
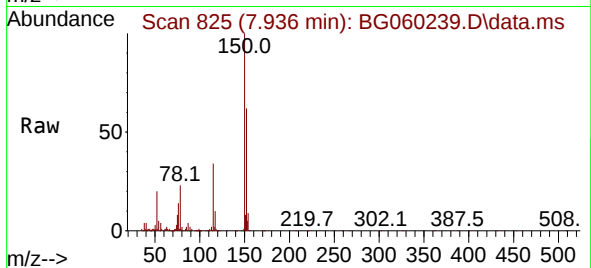




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

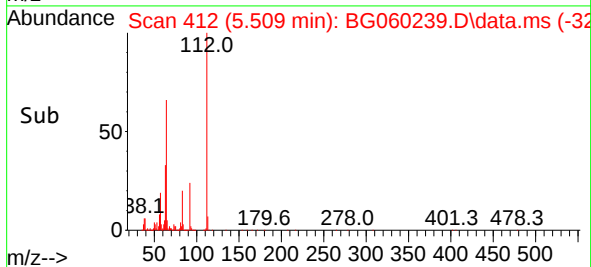
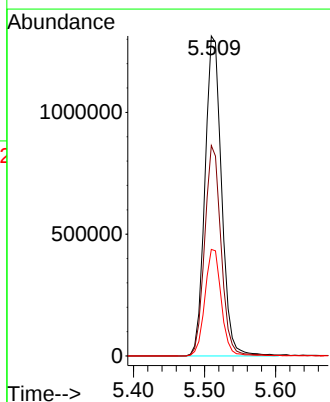
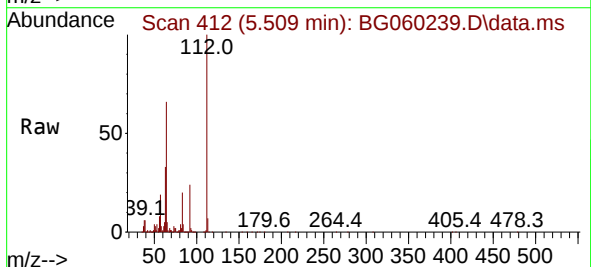
Instrument :
BNA_G
ClientSampleId :
PB158168BL

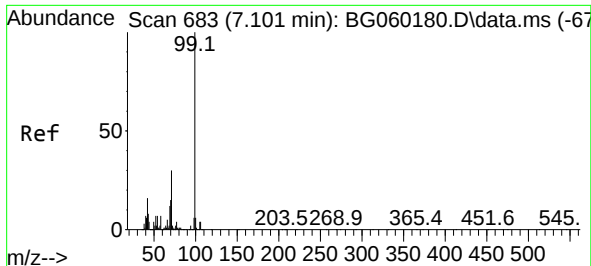
Tgt Ion:152 Resp: 220324
Ion Ratio Lower Upper
152 100
150 162.4 123.4 185.0
115 55.5 45.4 68.0



#5
2-Fluorophenol
Concen: 146.532 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

Tgt Ion:112 Resp: 2138981
Ion Ratio Lower Upper
112 100
64 65.7 52.2 78.4
63 33.3 25.4 38.0

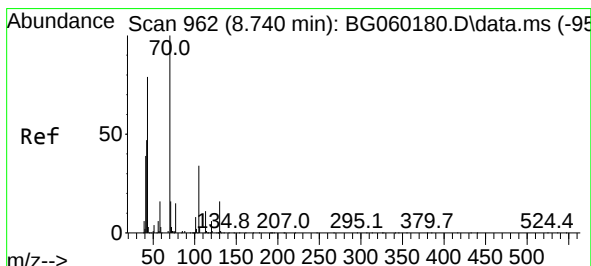
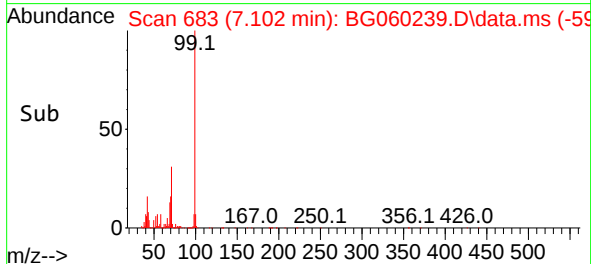
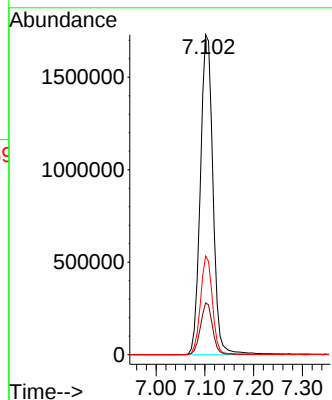
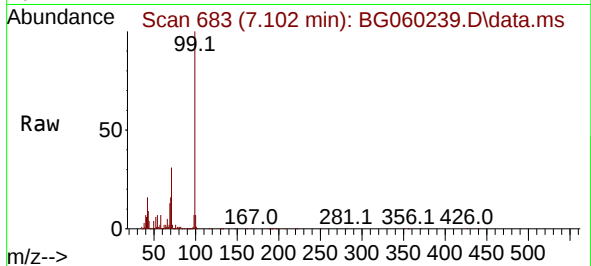




#7
Phenol-d6
Concen: 143.853 ng
RT: 7.102 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

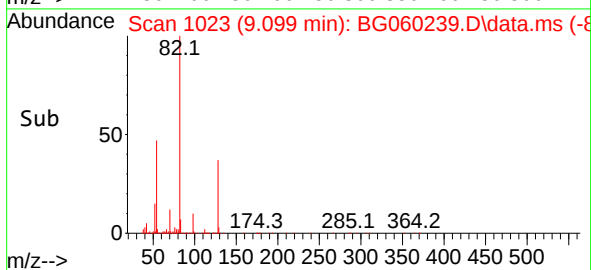
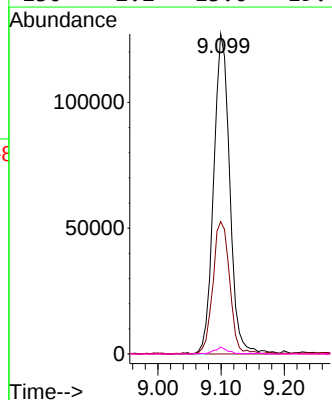
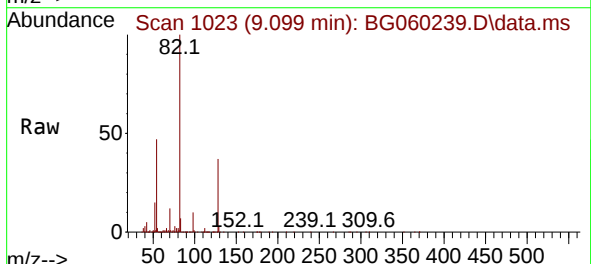
Instrument :
BNA_G
ClientSampleId :
PB158168BL

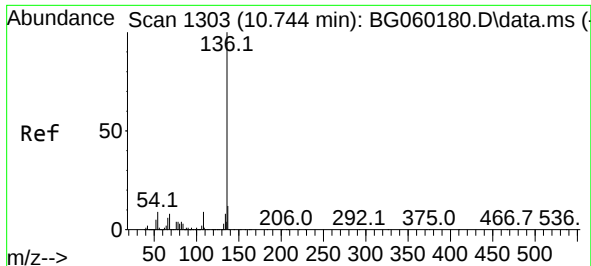
Tgt Ion: 99 Resp: 3117824
Ion Ratio Lower Upper
99 100
42 16.2 12.5 18.7
71 30.9 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 15.237 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

Tgt Ion: 70 Resp: 225599
Ion Ratio Lower Upper
70 100
42 41.4 37.9 56.9
101 0.0 6.2 9.2#
130 2.2 13.0 19.4#

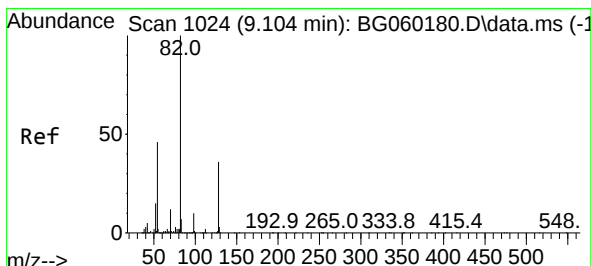
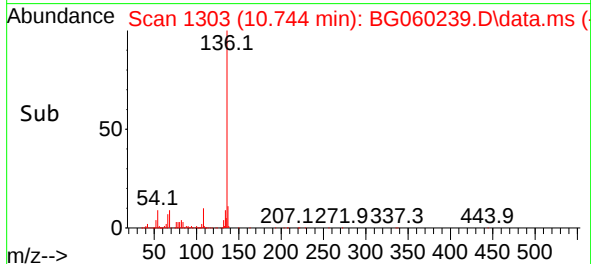
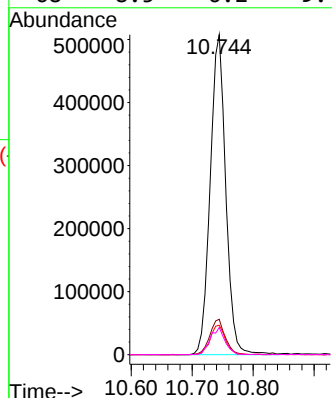
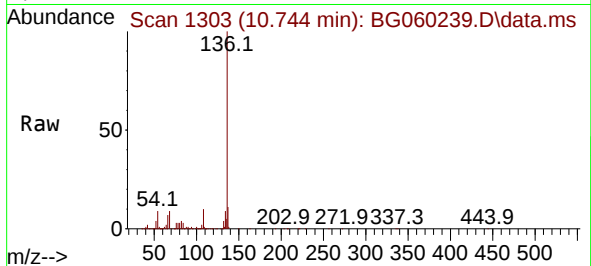




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

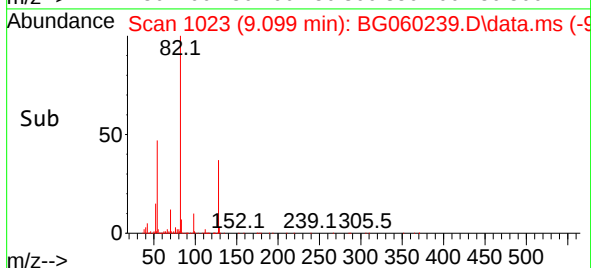
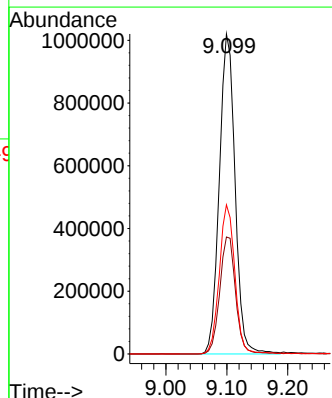
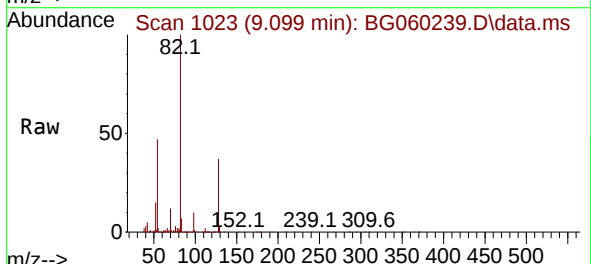
Instrument :
BNA_G
ClientSampleId :
PB158168BL

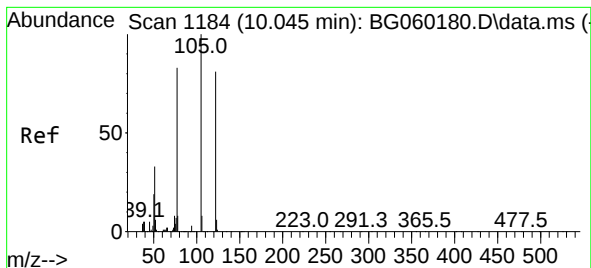
Tgt Ion:136	Resp: 899993
Ion Ratio	Lower Upper
136	100
137	11.1 9.4 14.0
54	9.2 7.4 11.2
68	8.5 6.2 9.4



#23
Nitrobenzene-d5
Concen: 93.906 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

Tgt Ion: 82	Resp: 1829717
Ion Ratio	Lower Upper
82	100
128	36.6 28.7 43.1
54	46.6 36.9 55.3

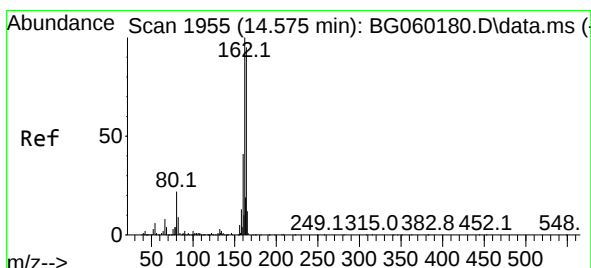
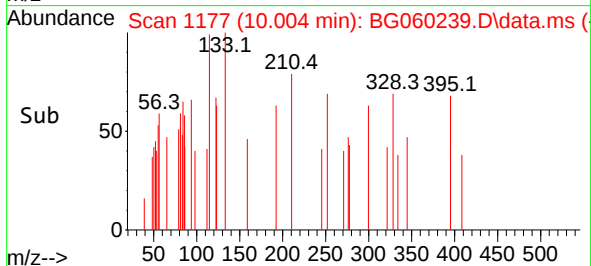
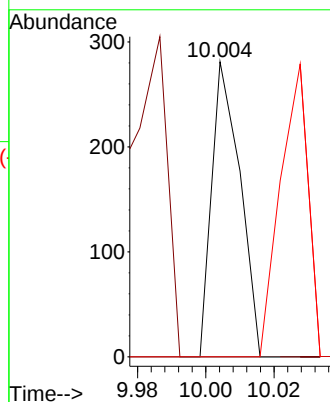
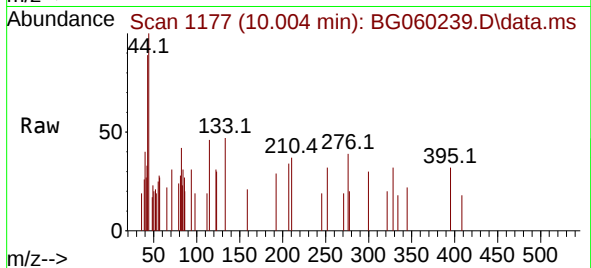




#32
Benzoic acid
Concen: 10.285 ng
RT: 10.004 min Scan# 1184
Delta R.T. -0.041 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

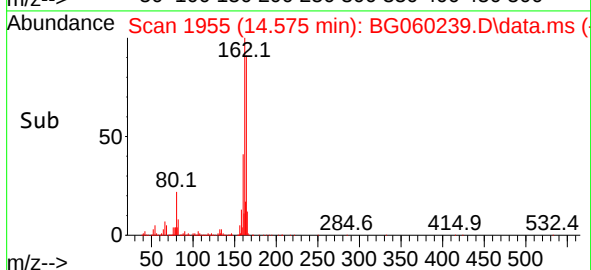
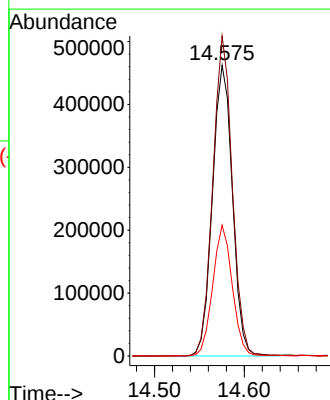
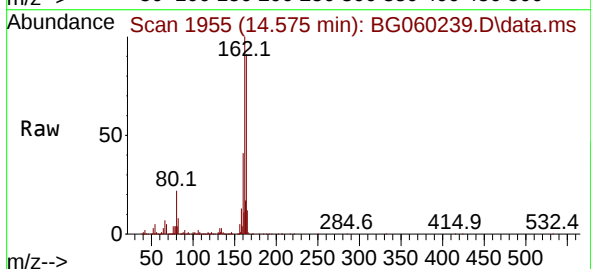
Instrument :
BNA_G
ClientSampleId :
PB158168BL

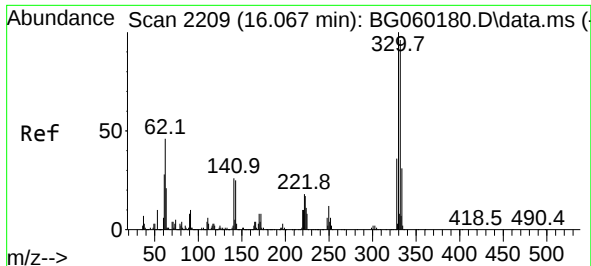
Tgt Ion:122 Resp: 161
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

Tgt Ion:164 Resp: 713185
Ion Ratio Lower Upper
164 100
162 110.1 83.9 125.9
160 45.0 34.2 51.4

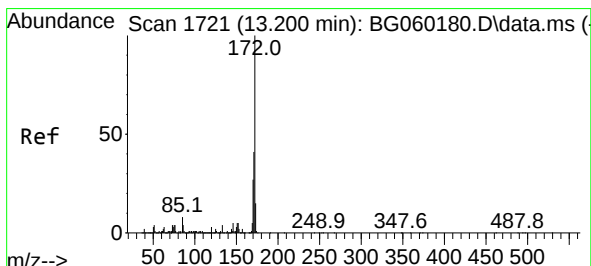
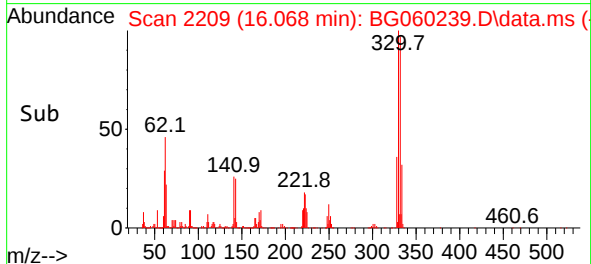
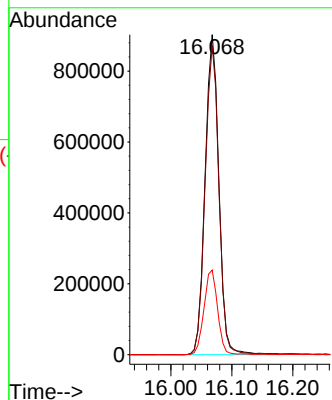
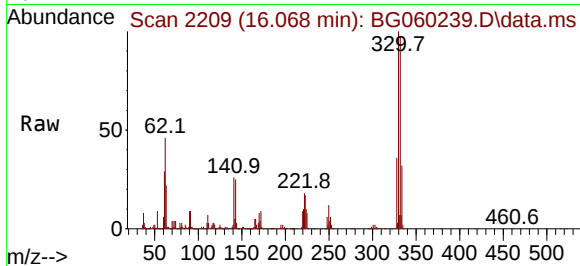




#42
2,4,6-Tribromophenol
Concen: 149.041 ng
RT: 16.068 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

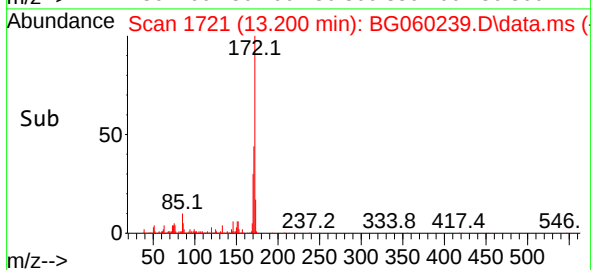
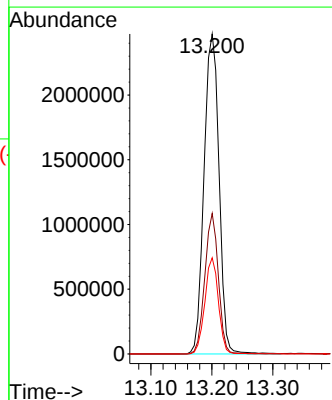
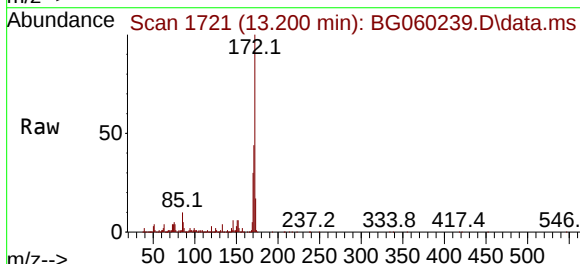
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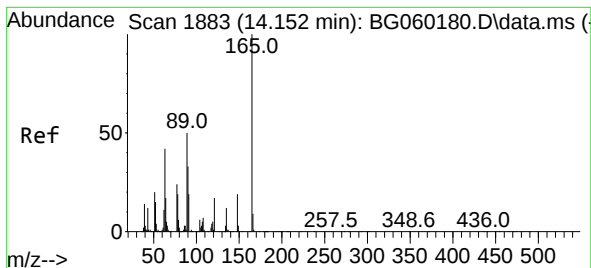
Tgt Ion:330 Resp: 1422851
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 26.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 85.158 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.001 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

Tgt Ion:172 Resp: 4225751
Ion Ratio Lower Upper
172 100
171 43.9 32.6 48.8
170 30.1 21.8 32.6

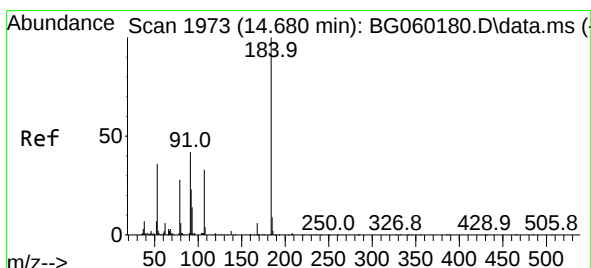
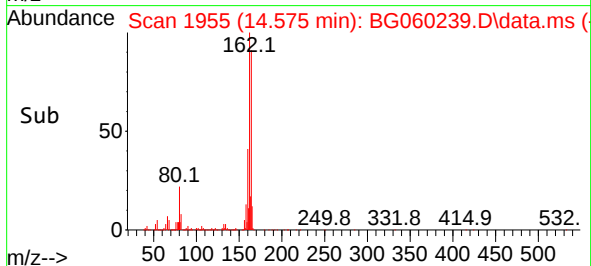
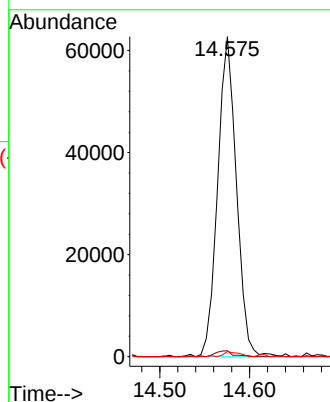
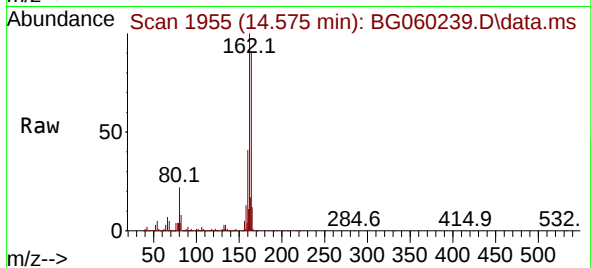




#51
2,6-Dinitrotoluene
Concen: 7.937 ng
RT: 14.575 min Scan# 1988
Delta R.T. 0.424 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

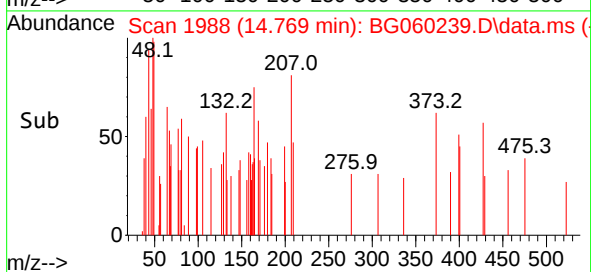
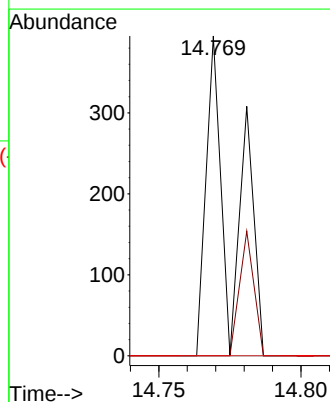
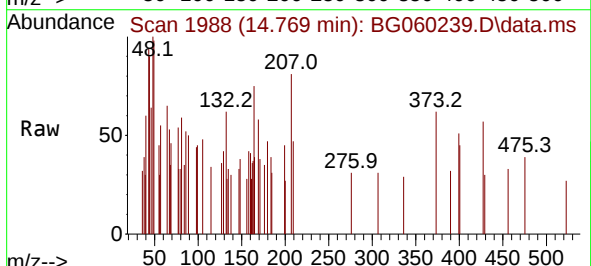
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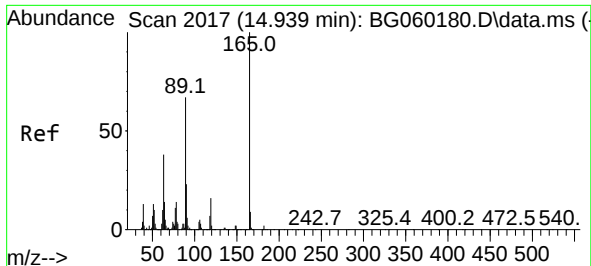
Tgt Ion:165 Resp: 90898
Ion Ratio Lower Upper
165 100
63 1.9 39.3 58.9#
89 1.6 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.270 ng
RT: 14.769 min Scan# 1988
Delta R.T. 0.089 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

Tgt Ion:184 Resp: 248
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 5.837 ng

RT: 14.575 min Scan# 1955

Delta R.T. -0.364 min

Lab File: BG060239.D

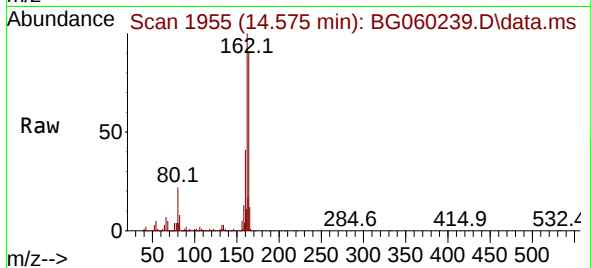
Acq: 4 Jan 2024 10:55

Instrument :

BNA_G

ClientSampleId :

PB158168BL



Tgt Ion:165 Resp: 90898

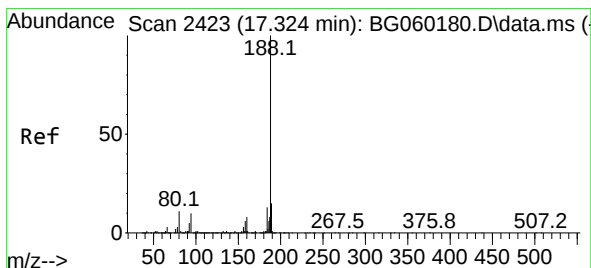
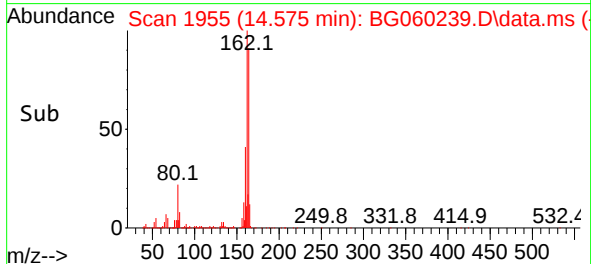
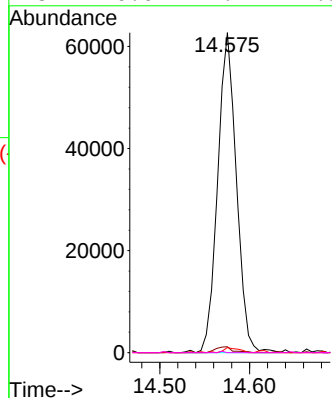
Ion Ratio Lower Upper

165 100

63 1.9 31.0 46.6#

89 1.6 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 2423

Delta R.T. 0.001 min

Lab File: BG060239.D

Acq: 4 Jan 2024 10:55

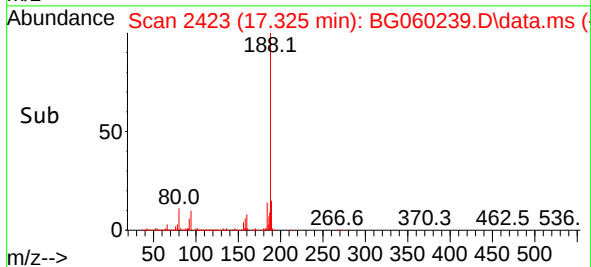
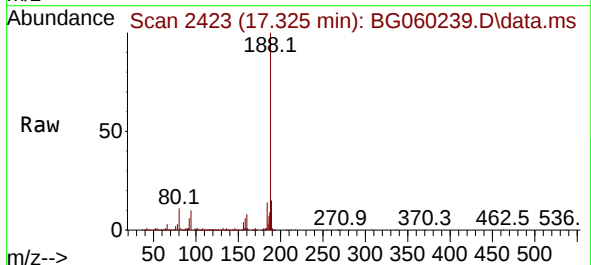
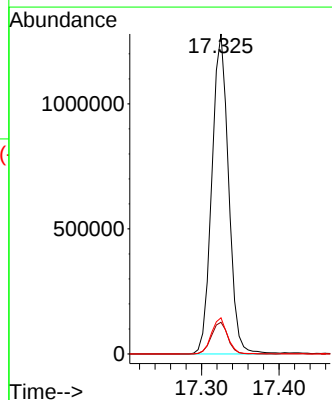
Tgt Ion:188 Resp: 1917157

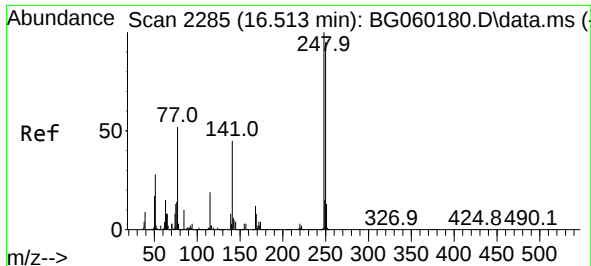
Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 11.3 8.6 13.0

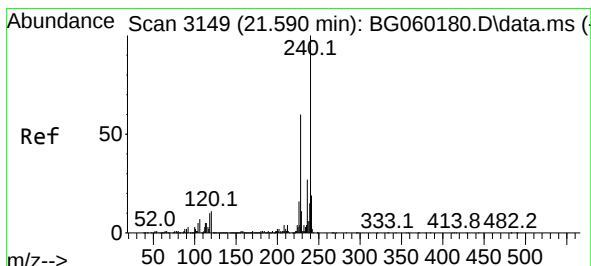
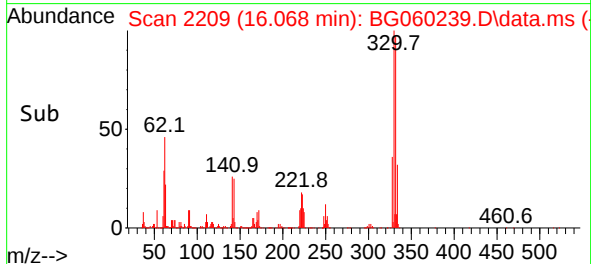
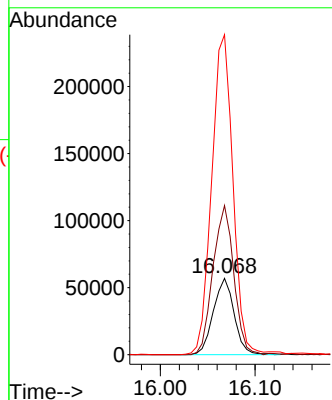
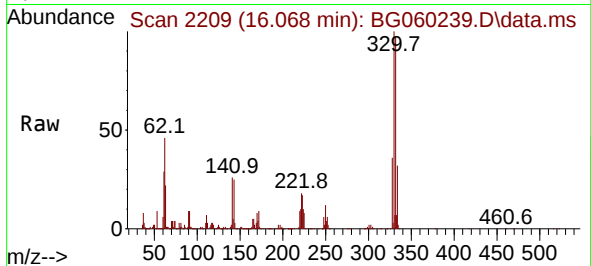




#67
4-Bromophenyl-phenylether
Concen: 4.283 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

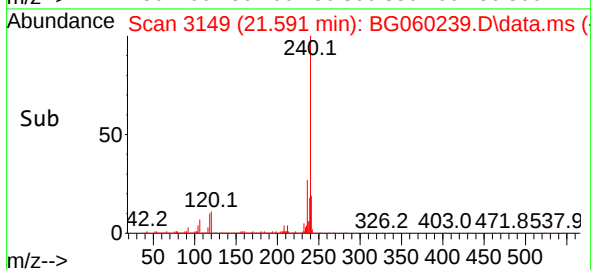
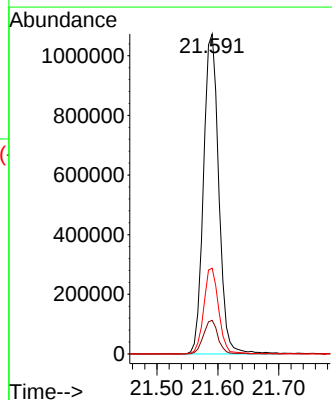
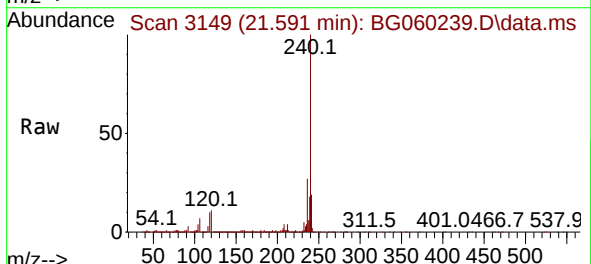
Instrument :
BNA_G
ClientSampleId :
PB158168BL

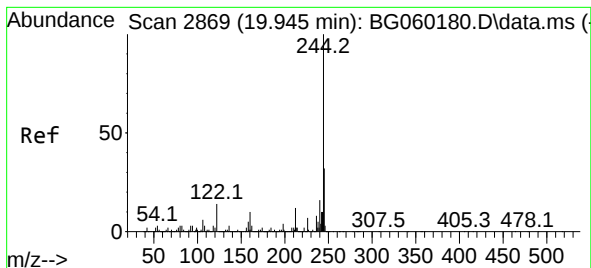
Tgt Ion:248 Resp: 87046
Ion Ratio Lower Upper
248 100
250 195.3 76.2 114.4#
141 419.0 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BG060239.D
Acq: 4 Jan 2024 10:55

Tgt Ion:240 Resp: 1869236
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 26.8 21.4 32.2





#79

Terphenyl-d14

Concen: 63.242 ng

RT: 19.945 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060239.D

Acq: 4 Jan 2024 10:55

Instrument :

BNA_G

ClientSampleId :

PB158168BL

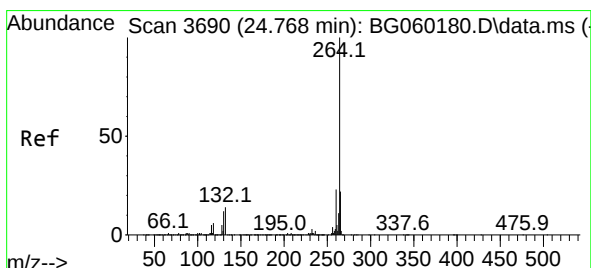
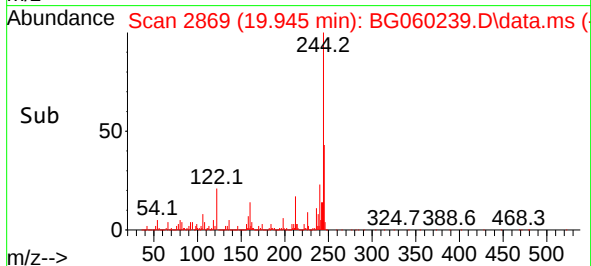
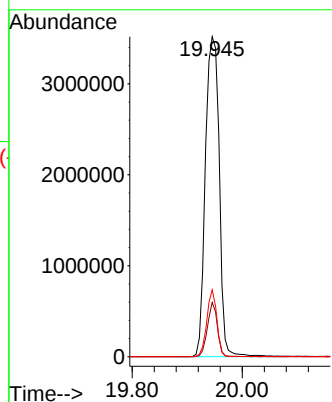
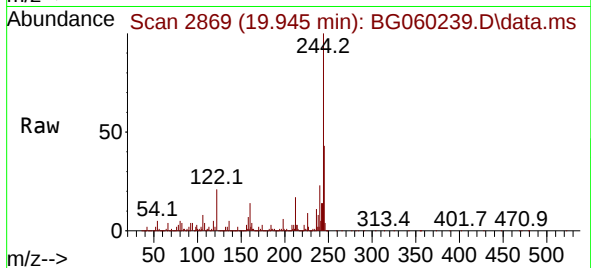
Tgt Ion:244 Resp: 6149039

Ion Ratio Lower Upper

244 100

212 17.0 9.5 14.3#

122 20.9 11.4 17.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.769 min Scan# 3690

Delta R.T. 0.001 min

Lab File: BG060239.D

Acq: 4 Jan 2024 10:55

Tgt Ion:264 Resp: 2088492

Ion Ratio Lower Upper

264 100

260 23.1 18.0 27.0

265 21.4 17.4 26.0

