

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060539.D
 Acq On : 1 Feb 2024 19:00
 Operator : MA/JU
 Sample : PB158763BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158763BL

Quant Time: Feb 02 00:41:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

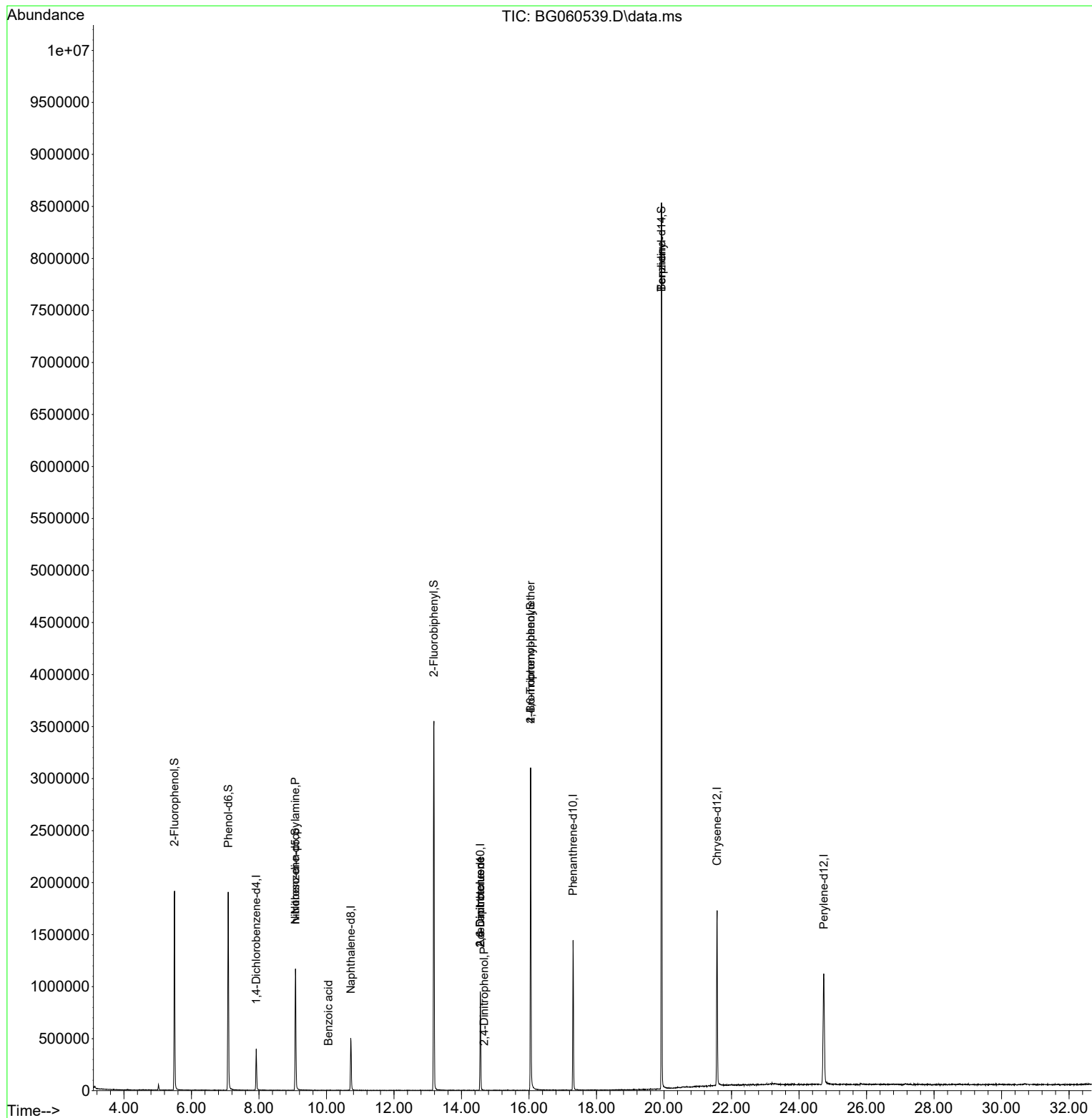
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	124188	20.000	ng	-0.01
21) Naphthalene-d8	10.720	136	466573	20.000	ng	#-0.01
39) Acenaphthene-d10	14.557	164	351107	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	984436	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1072794	20.000	ng	0.00
86) Perylene-d12	24.733	264	1212093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	919940	121.840	ng	0.00
7) Phenol-d6	7.089	99	1288518	115.248	ng	0.00
23) Nitrobenzene-d5	9.081	82	796815	80.643	ng	-0.01
42) 2,4,6-Tribromophenol	16.049	330	740053	143.260	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	2104208	83.323	ng	0.00
79) Terphenyl-d14	19.927	244	4330633	118.362	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	99168	12.816	ng	# 84
32) Benzoic acid	10.056	122	54	10.210	ng	# 1
51) 2,6-Dinitrotoluene	14.557	165	45782	7.997	ng	# 34
54) 2,4-Dinitrophenol	14.675	184	55	8.601	ng	# 27
57) 2,4-Dinitrotoluene	14.557	165	45782	5.831	ng	# 26
67) 4-Bromophenyl-phenylether	16.049	248	46971	4.342	ng	# 1
77) Benzidine	19.927	184	65028	2.790	ng	# 94

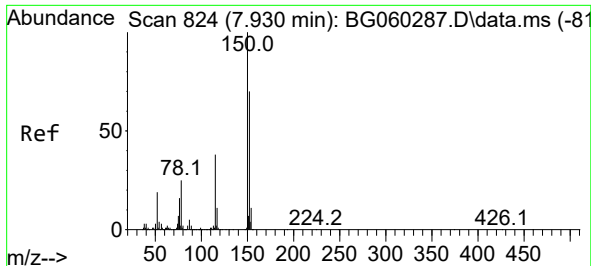
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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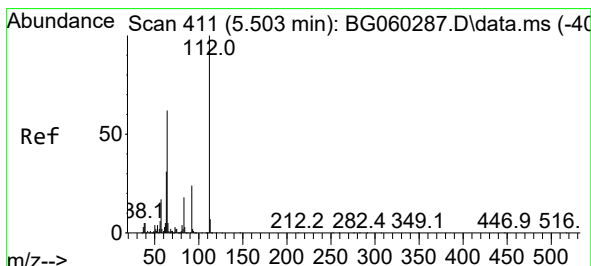
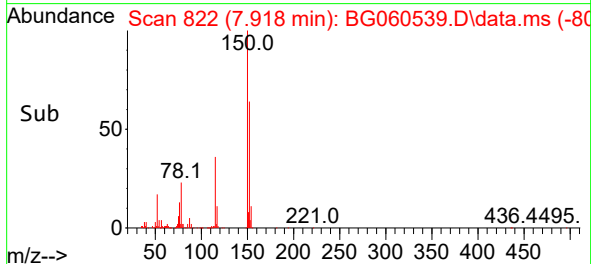
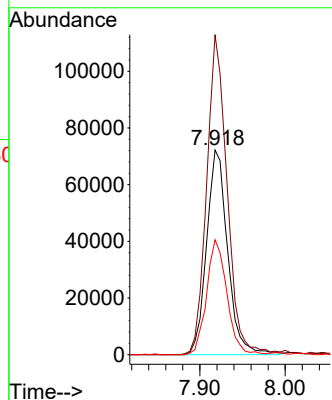
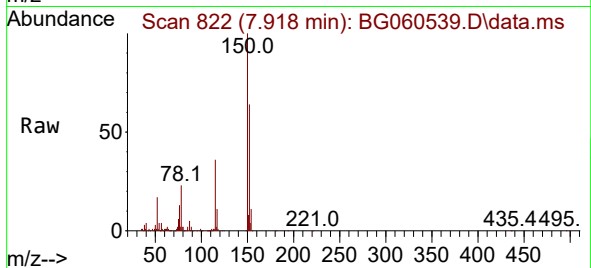




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

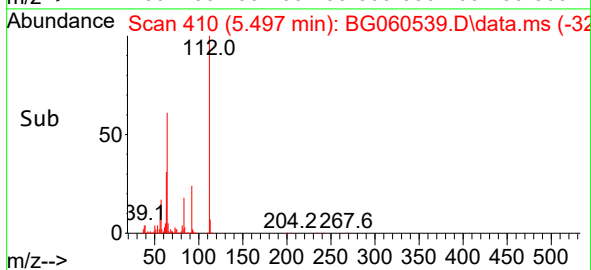
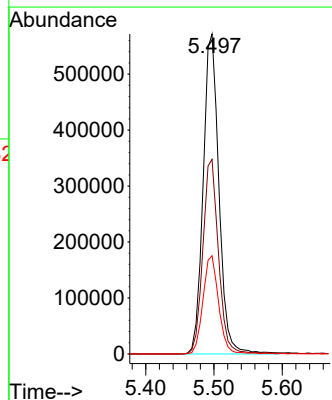
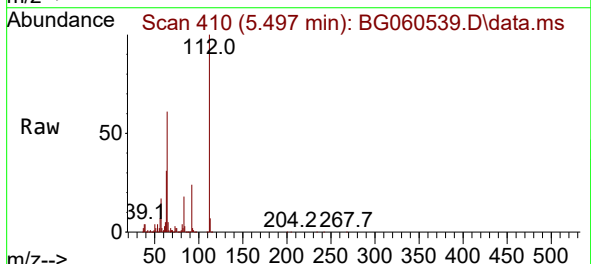
Instrument :
BNA_G
ClientSampleId :
PB158763BL

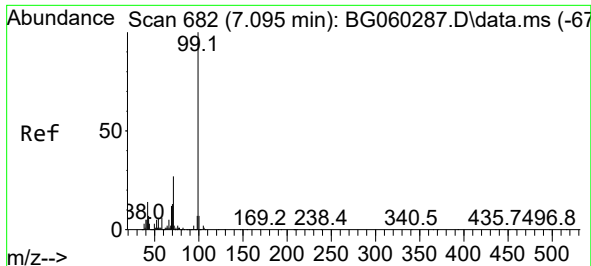
Tgt Ion:152 Resp: 124188
Ion Ratio Lower Upper
152 100
150 156.4 114.5 171.7
115 56.1 43.0 64.6



#5
2-Fluorophenol
Concen: 121.840 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

Tgt Ion:112 Resp: 919940
Ion Ratio Lower Upper
112 100
64 60.8 49.8 74.6
63 30.7 24.4 36.6

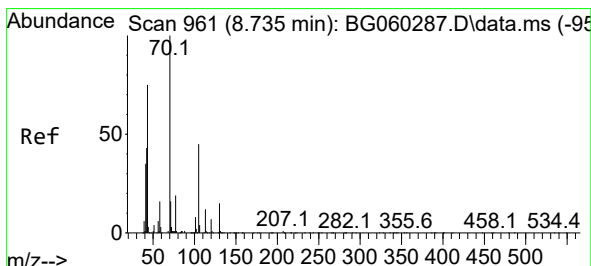
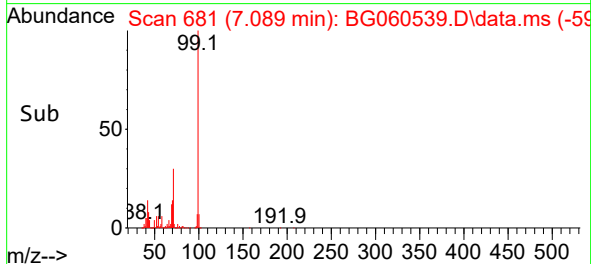
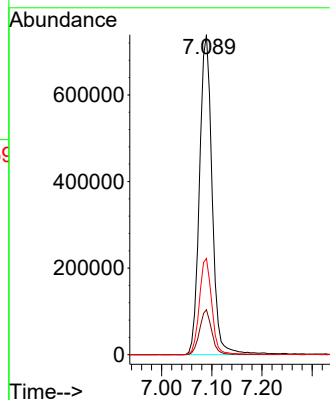
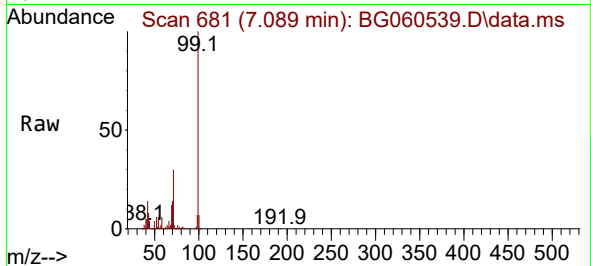




#7
Phenol-d6
Concen: 115.248 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

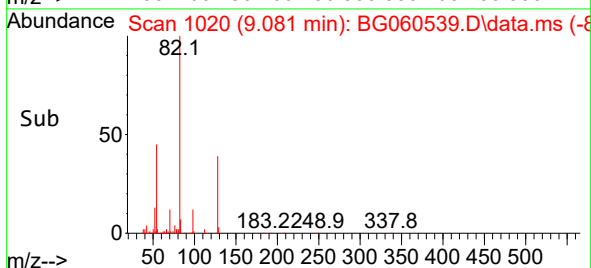
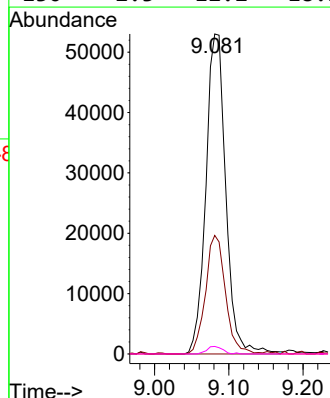
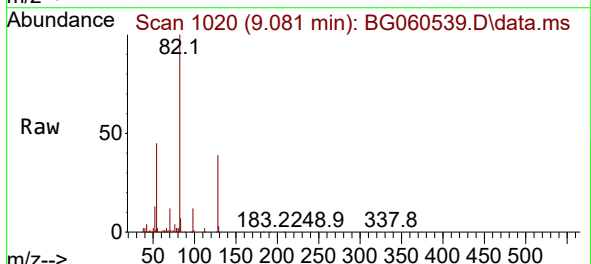
Instrument :
BNA_G
ClientSampleId :
PB158763BL

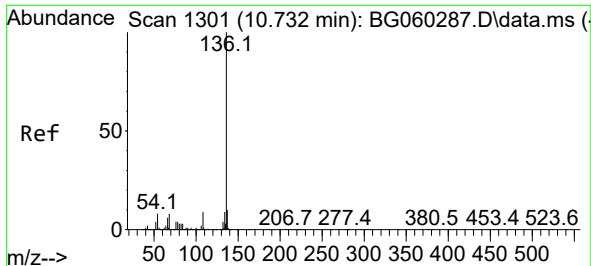
Tgt Ion: 99 Resp: 1288518
Ion Ratio Lower Upper
99 100
42 14.1 10.9 16.3
71 30.1 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.816 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

Tgt Ion: 70 Resp: 99168
Ion Ratio Lower Upper
70 100
42 37.1 34.3 51.5
101 0.0 6.2 9.2#
130 2.3 12.2 18.2#

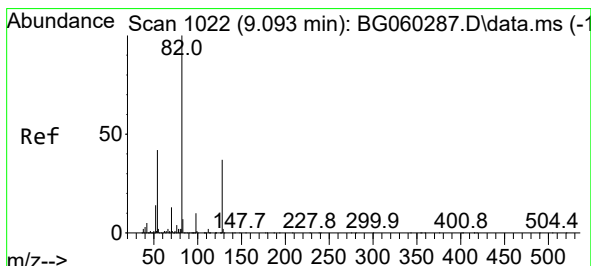
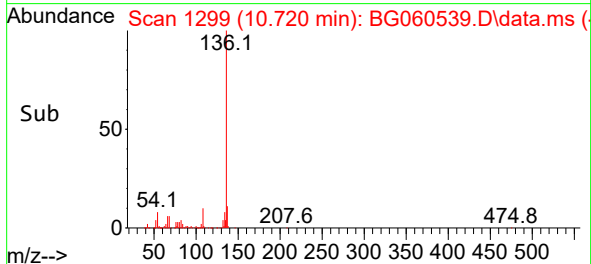
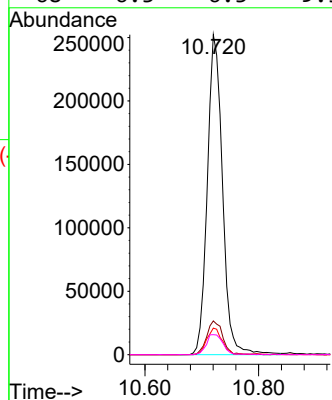
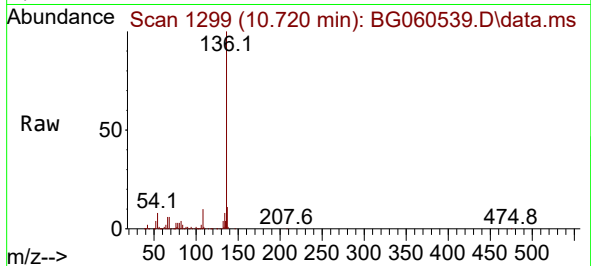




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

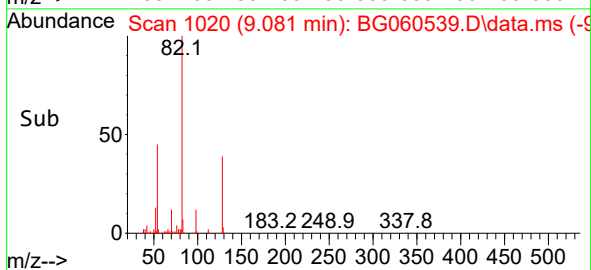
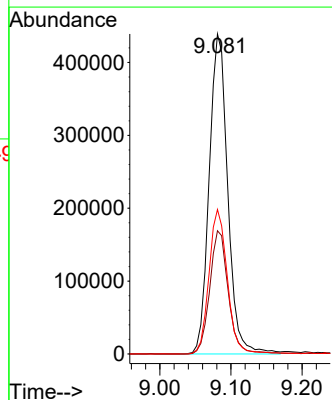
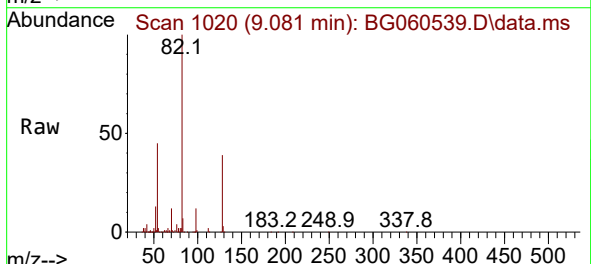
Instrument :
BNA_G
ClientSampleId :
PB158763BL

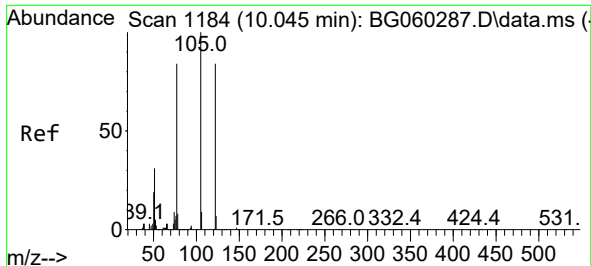
Tgt Ion:136 Resp: 466573
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 8.3 6.2 9.2
68 6.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 80.643 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

Tgt Ion: 82 Resp: 796815
Ion Ratio Lower Upper
82 100
128 38.5 29.6 44.4
54 45.1 33.6 50.4

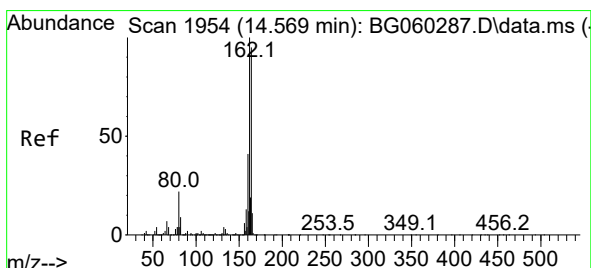
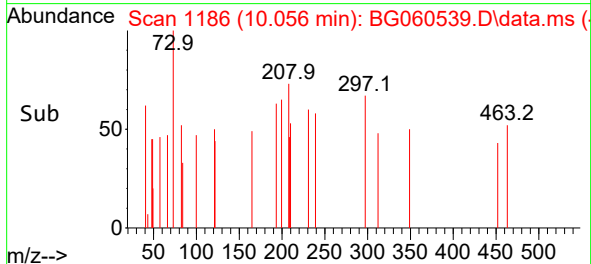
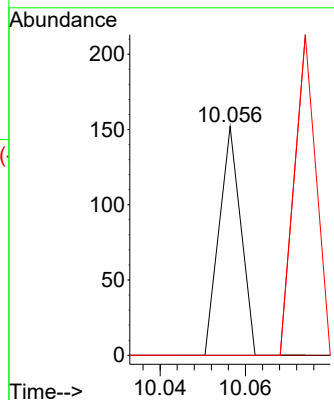
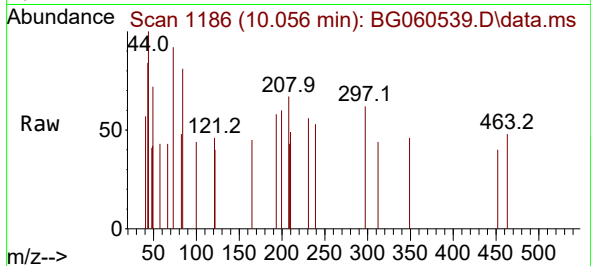




#32
Benzoic acid
Concen: 10.210 ng
RT: 10.056 min Scan# 1184
Delta R.T. 0.011 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

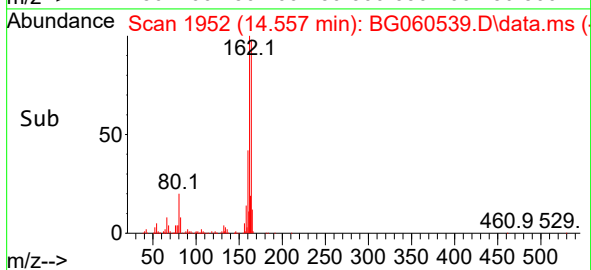
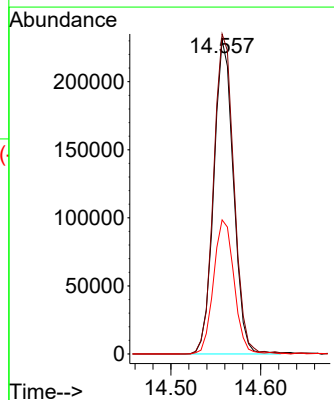
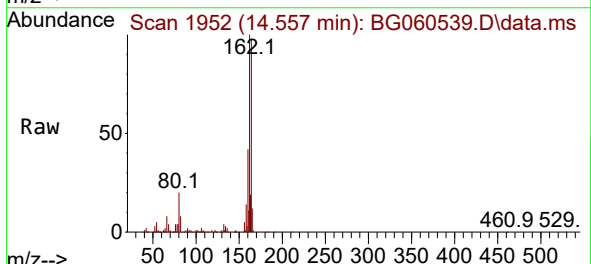
Instrument :
BNA_G
ClientSampleId :
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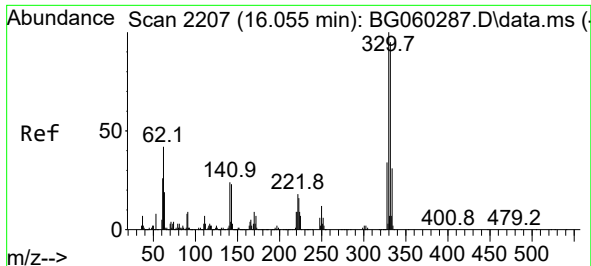
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

Tgt Ion:164 Resp: 351107
Ion Ratio Lower Upper
164 100
162 101.9 84.4 126.6
160 42.7 34.6 52.0

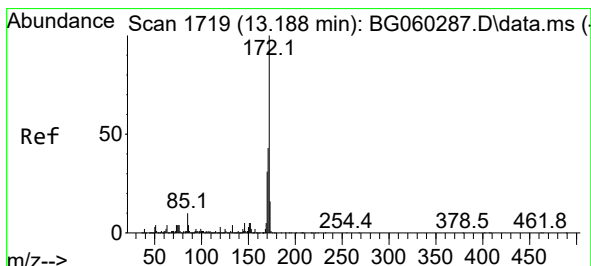
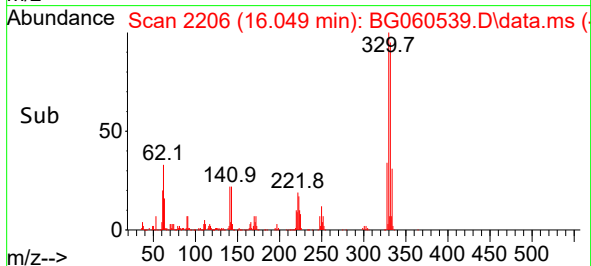
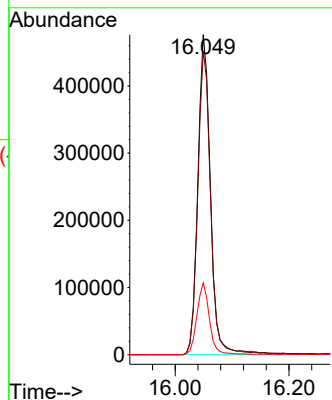
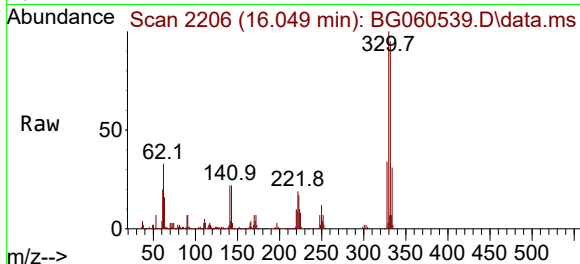




#42
2,4,6-Tribromophenol
Concen: 143.260 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

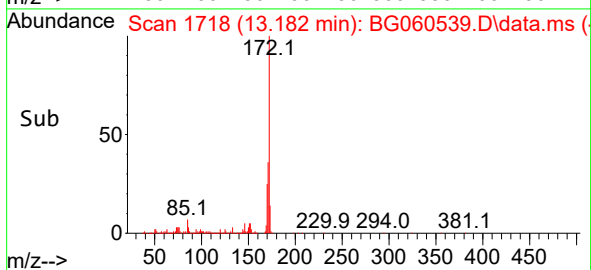
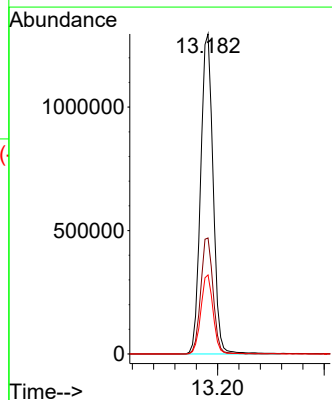
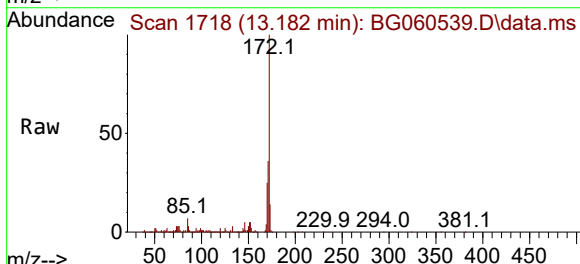
Instrument :
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ClientSampleId :
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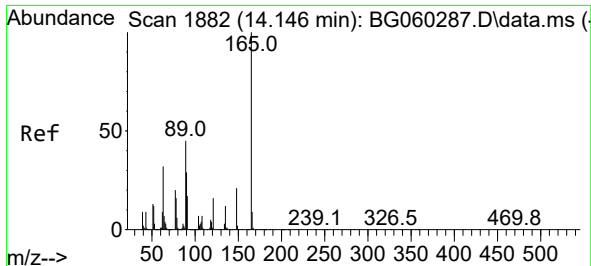
Tgt Ion:330 Resp: 740053
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 22.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.323 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

Tgt Ion:172 Resp: 2104208
Ion Ratio Lower Upper
172 100
171 36.2 34.6 51.8
170 24.7 24.4 36.6

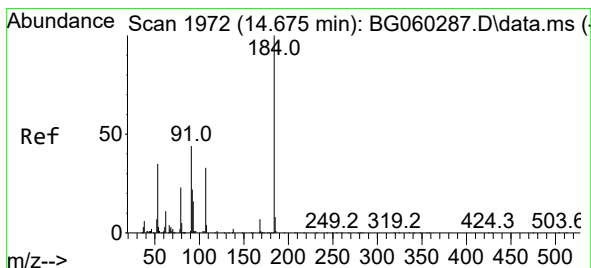
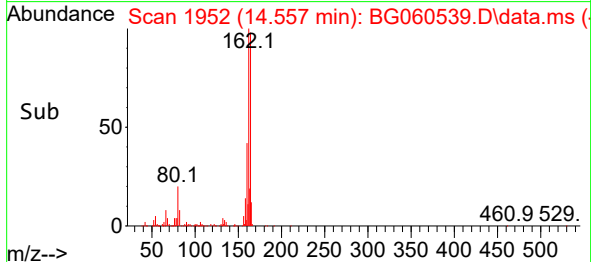
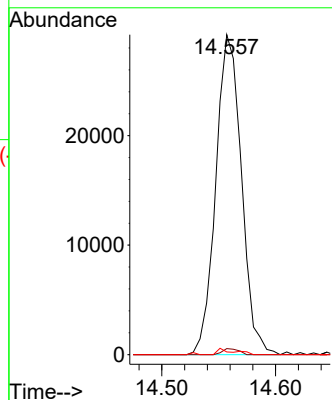
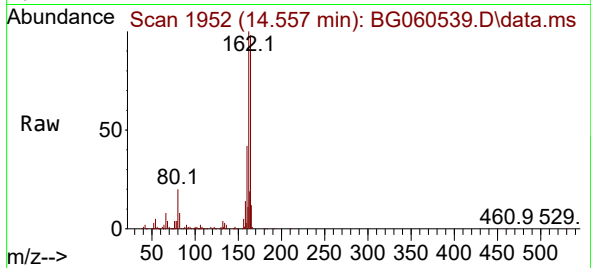




#51
2,6-Dinitrotoluene
Concen: 7.997 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.411 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

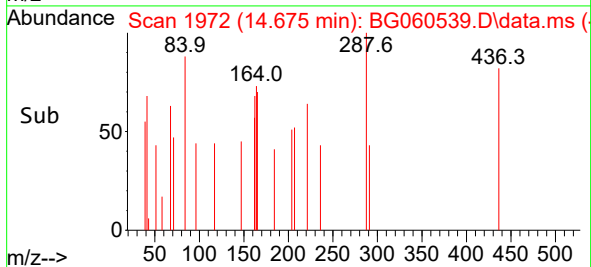
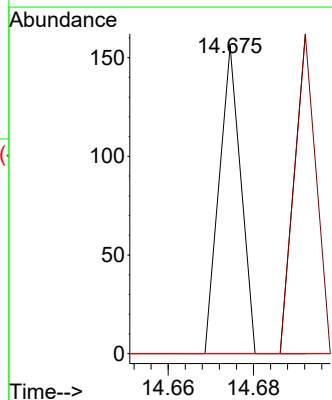
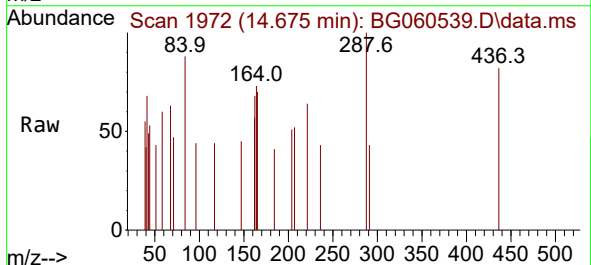
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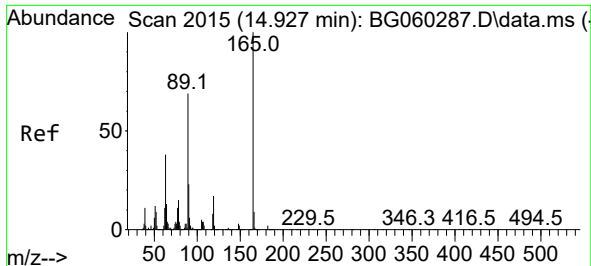
Tgt Ion:165 Resp: 45782
Ion Ratio Lower Upper
165 100
63 1.9 35.0 52.4#
89 0.8 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.601 ng
RT: 14.675 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#

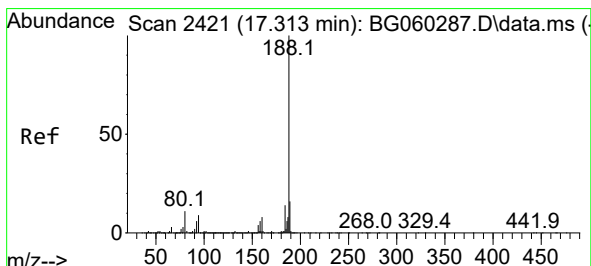
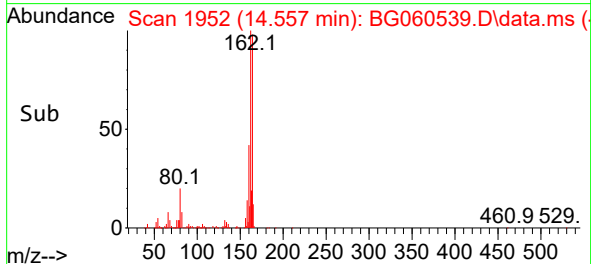
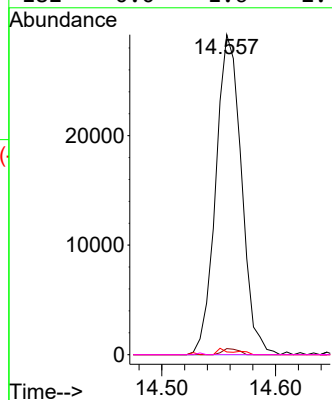
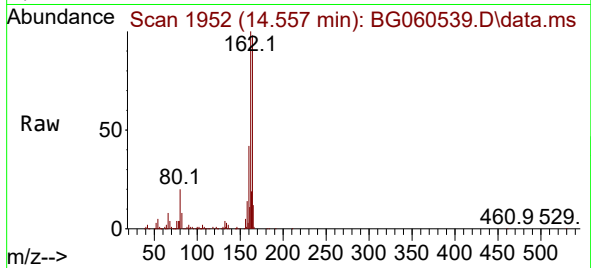




#57
2,4-Dinitrotoluene
Concen: 5.831 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.370 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

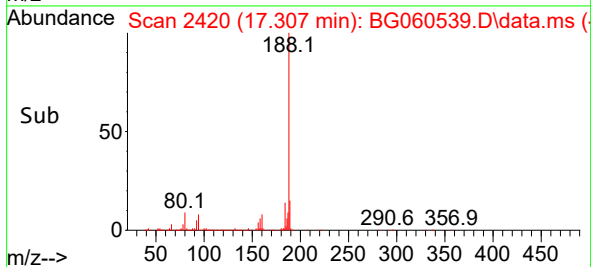
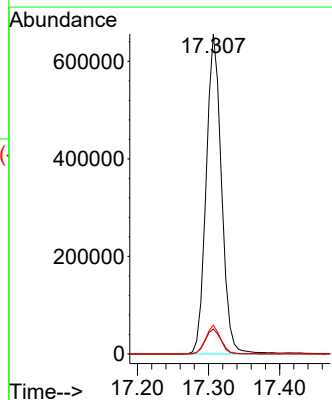
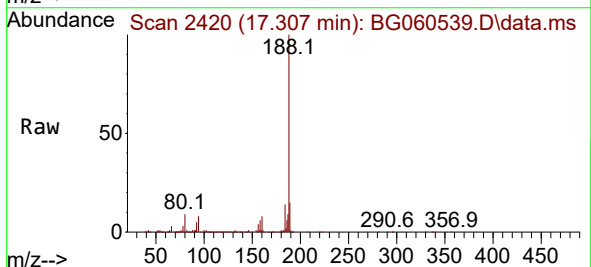
Instrument :
BNA_G
ClientSampleId :
PB158763BL

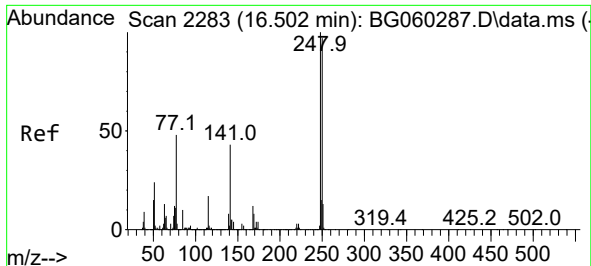
Tgt Ion:165 Resp: 45782
Ion Ratio Lower Upper
165 100
63 1.9 30.4 45.6#
89 0.8 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

Tgt Ion:188 Resp: 984436
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 9.0 8.5 12.7

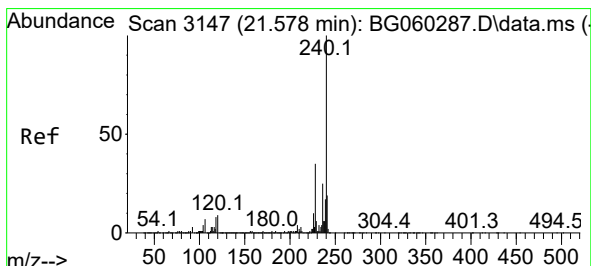
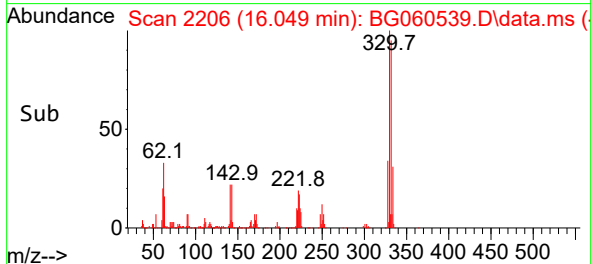
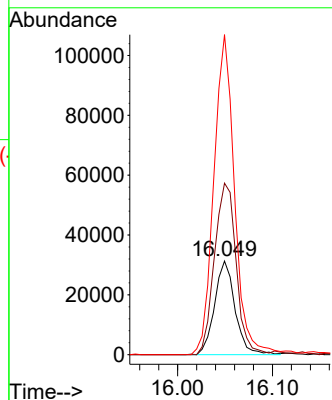
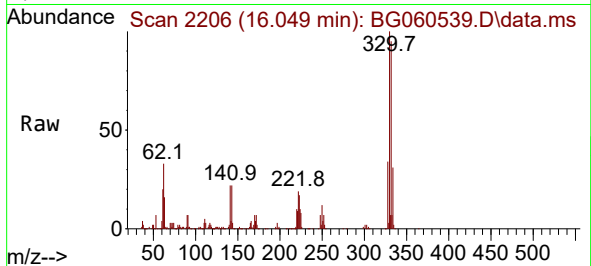




#67
4-Bromophenyl-phenylether
Concen: 4.342 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

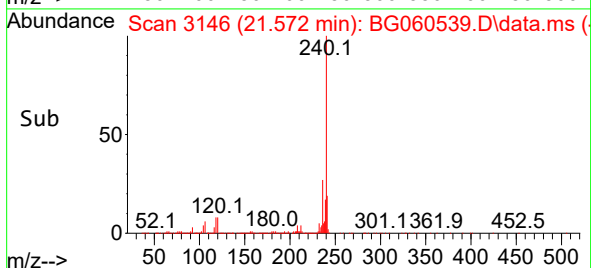
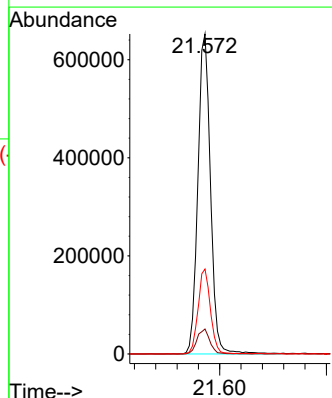
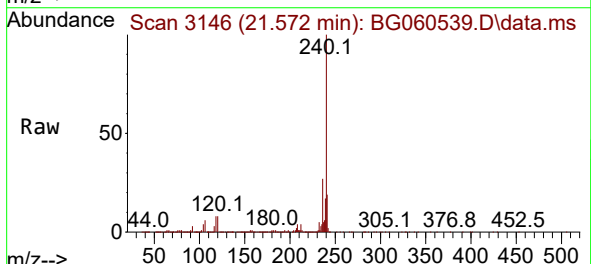
Instrument :
BNA_G
ClientSampleId :
PB158763BL

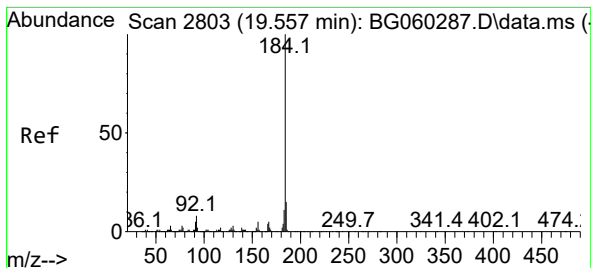
Tgt Ion:248 Resp: 46971
Ion Ratio Lower Upper
248 100
250 183.3 77.6 116.4#
141 342.0 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

Tgt Ion:240 Resp: 1072794
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 26.5 20.3 30.5





#77

Benzidine

Concen: 2.790 ng

RT: 19.927 min Scan# 2866

Delta R.T. 0.370 min

Lab File: BG060539.D

Acq: 1 Feb 2024 19:00

Instrument :

BNA_G

ClientSampleId :

PB158763BL

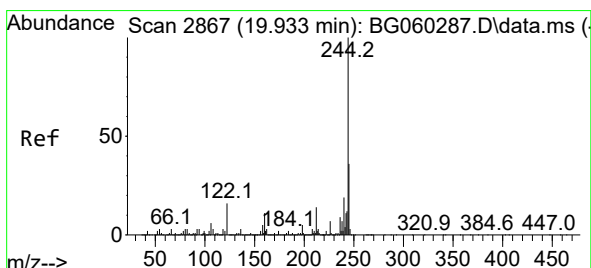
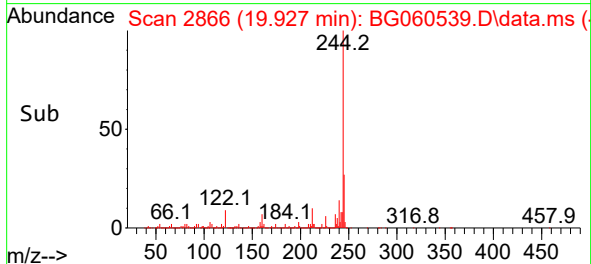
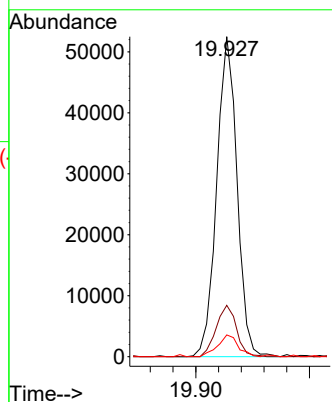
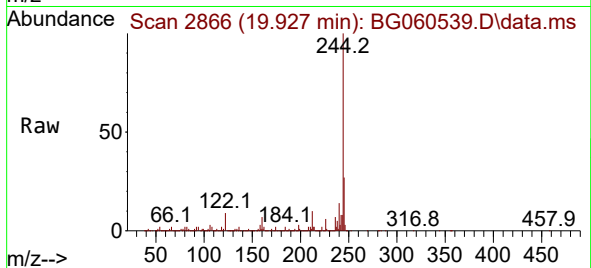
Tgt Ion:184 Resp: 65028

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.4

183 6.8 9.0 13.4#



#79

Terphenyl-d14

Concen: 118.362 ng

RT: 19.927 min Scan# 2866

Delta R.T. -0.006 min

Lab File: BG060539.D

Acq: 1 Feb 2024 19:00

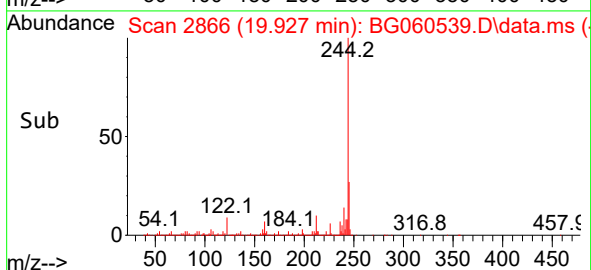
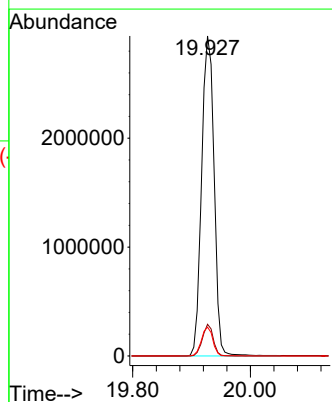
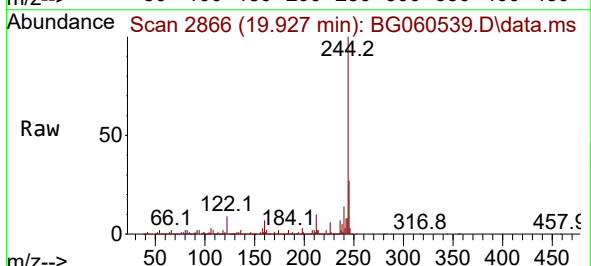
Tgt Ion:244 Resp: 4330633

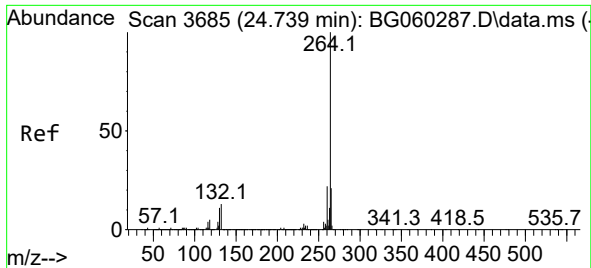
Ion Ratio Lower Upper

244 100

212 9.9 10.9 16.3#

122 9.0 12.6 18.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.733 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG060539.D
Acq: 1 Feb 2024 19:00

Instrument :
BNA_G
ClientSampleId :
PB158763BL

Tgt Ion:264 Resp: 1212093

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.8	26.6
265	20.2	16.8	25.2

