

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060323.D
 Acq On : 12 Jan 2024 19:51
 Operator : MA/JU
 Sample : P1104-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Jan 12 23:44:37 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)

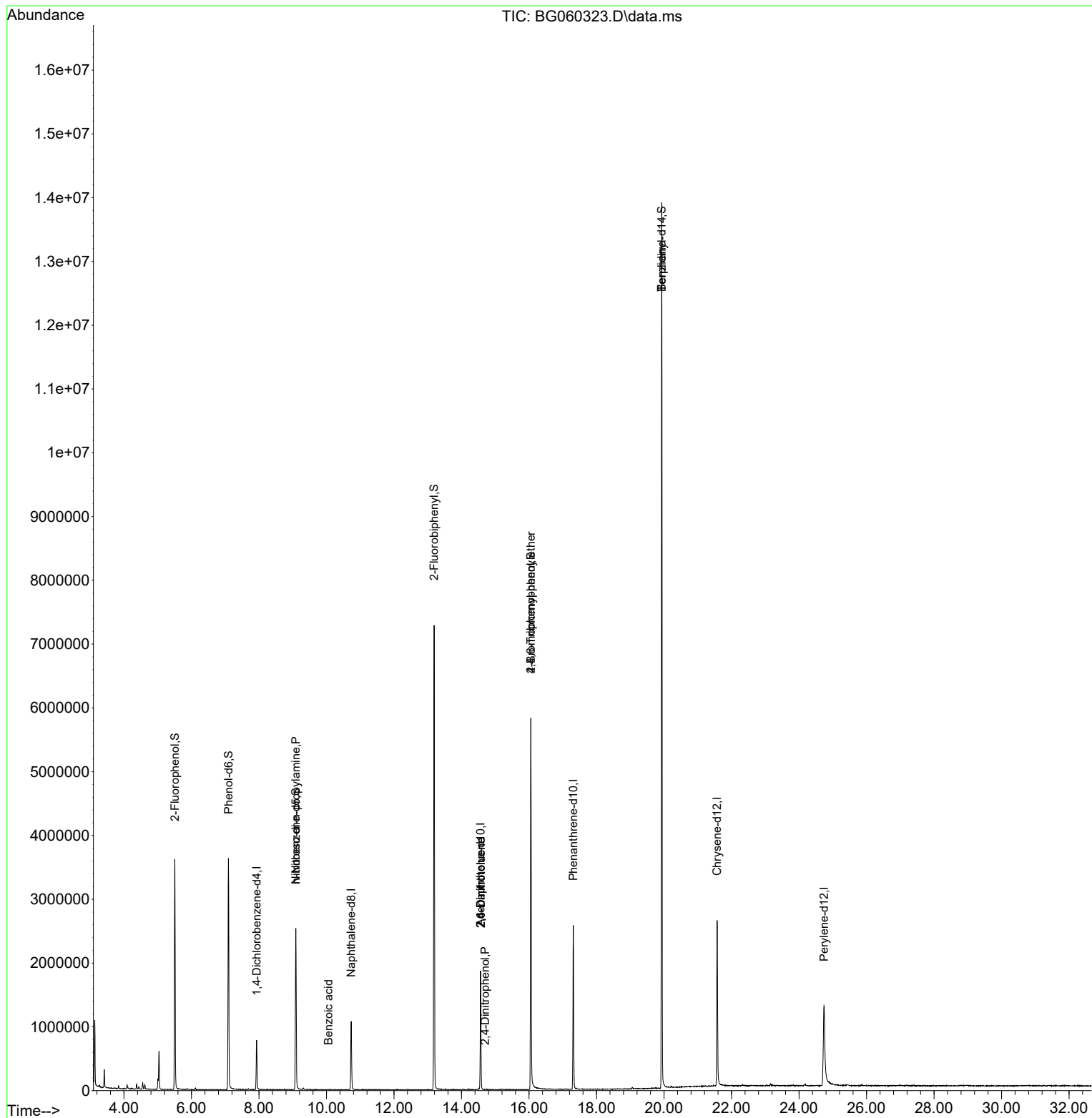
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	245301	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	968110	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	668036	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1726925	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1759997	20.000	ng	0.00
86) Perylene-d12	24.738	264	1813136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1737523	116.504	ng	0.00
7) Phenol-d6	7.094	99	2495927	113.020	ng	0.00
23) Nitrobenzene-d5	9.092	82	1774210	86.538	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	1329965	135.314	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3977392	82.777	ng	0.00
79) Terphenyl-d14	19.932	244	5922234	84.775	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	219688	14.373	ng	# 85
32) Benzoic acid	10.056	122	108	10.210	ng	# 1
51) 2,6-Dinitrotoluene	14.568	165	89916	8.254	ng	# 33
54) 2,4-Dinitrophenol	14.697	184	123	8.603	ng	# 2
57) 2,4-Dinitrotoluene	14.568	165	89916	6.019	ng	# 25
67) 4-Bromophenyl-phenylether	16.054	248	80046	4.218	ng	# 1
77) Benzidine	19.932	184	111526	2.917	ng	# 93

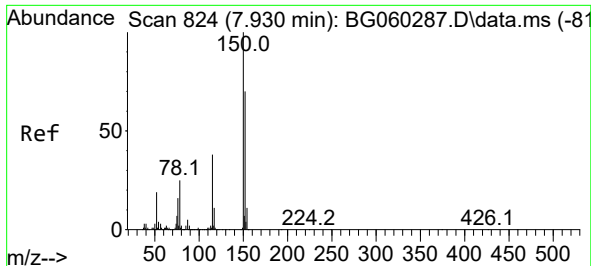
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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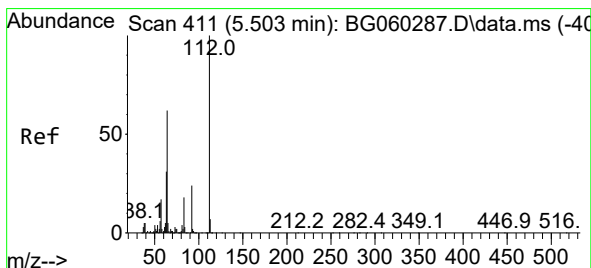
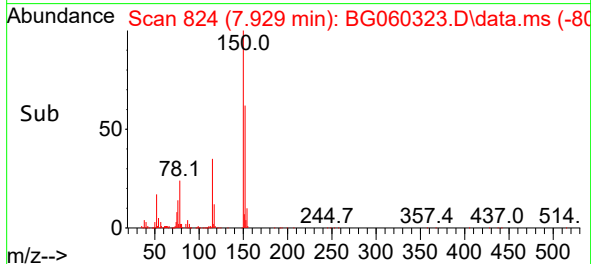
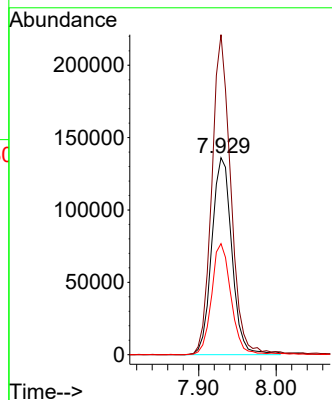
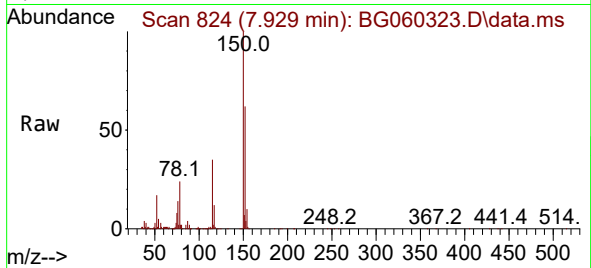




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

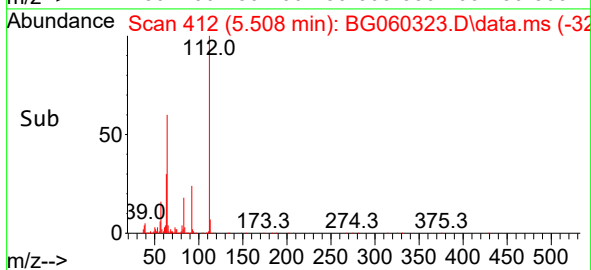
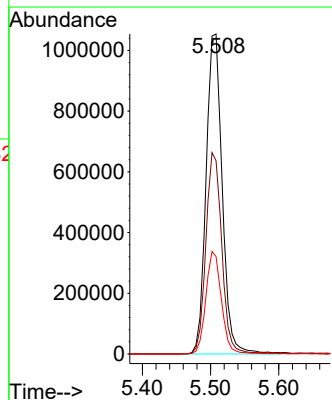
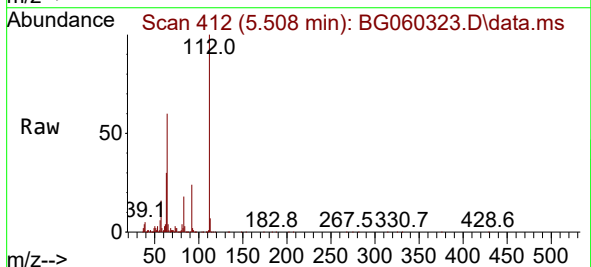
Instrument :
BNA_G
ClientSampleId :
TP-2

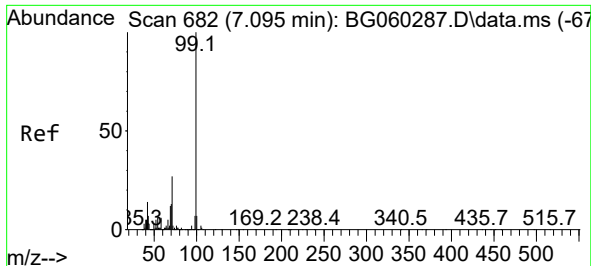
Tgt Ion:152 Resp: 245301
Ion Ratio Lower Upper
152 100
150 162.4 114.5 171.7
115 56.4 43.0 64.6



#5
2-Fluorophenol
Concen: 116.504 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:112 Resp: 1737523
Ion Ratio Lower Upper
112 100
64 60.4 49.8 74.6
63 30.5 24.4 36.6



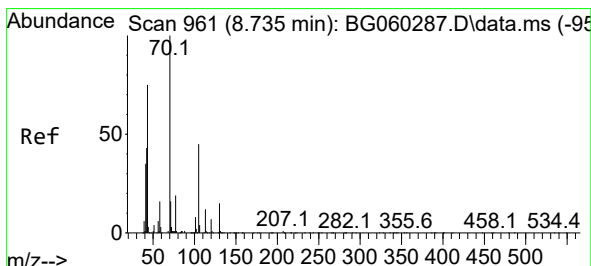
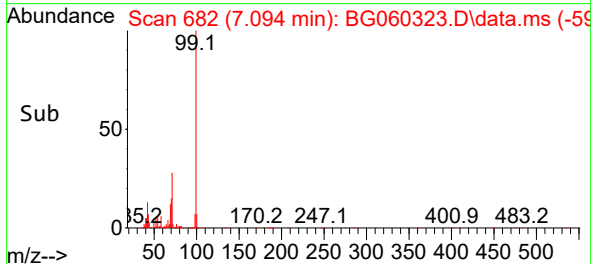
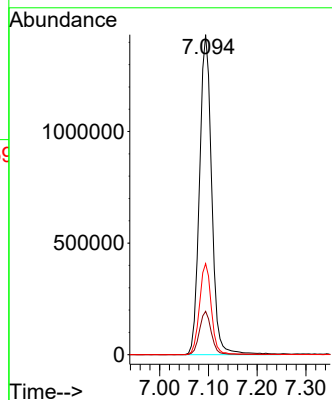
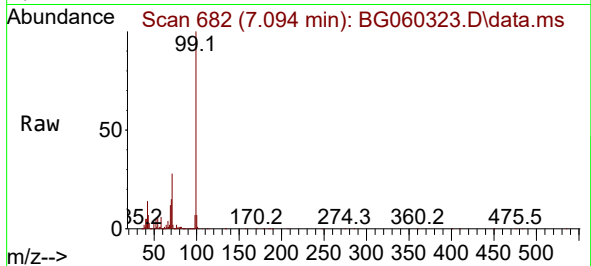


#7
Phenol-d6
Concen: 113.020 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 2495927

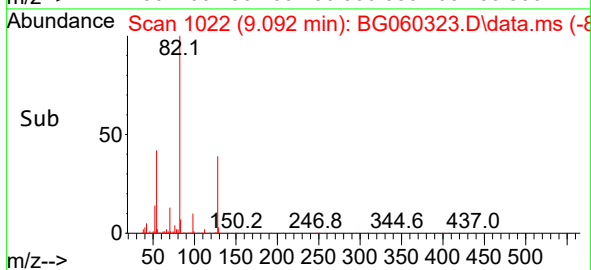
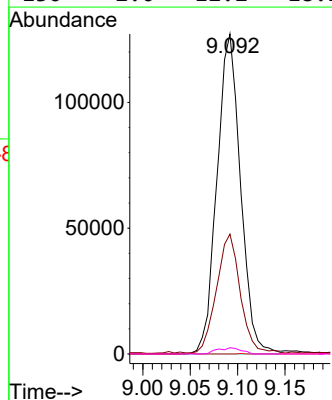
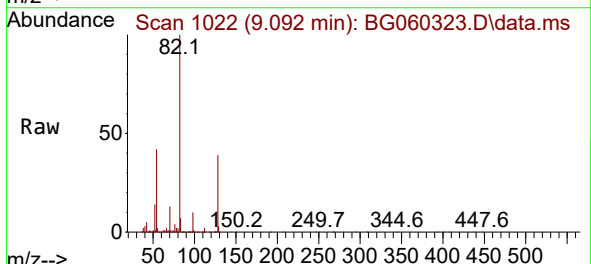
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.9	16.3
71	28.4	21.5	32.3

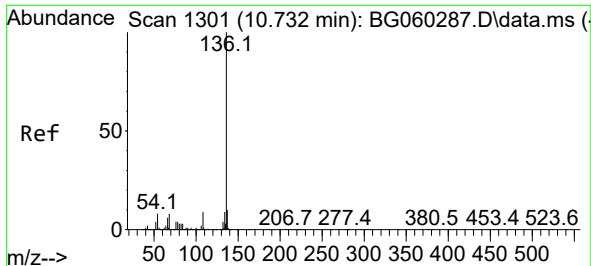


#19
n-Nitroso-di-n-propylamine
Concen: 14.373 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.357 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion: 70 Resp: 219688

Ion	Ratio	Lower	Upper
70	100		
42	37.5	34.3	51.5
101	0.0	6.2	9.2#
130	2.0	12.2	18.2#

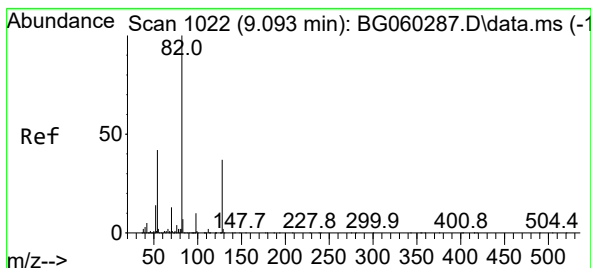
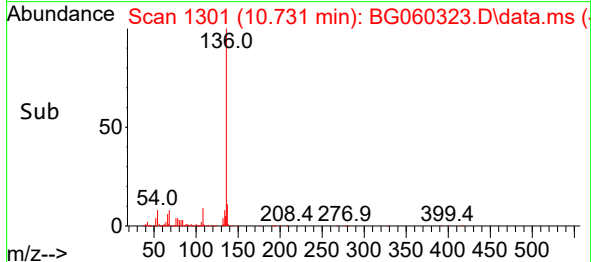
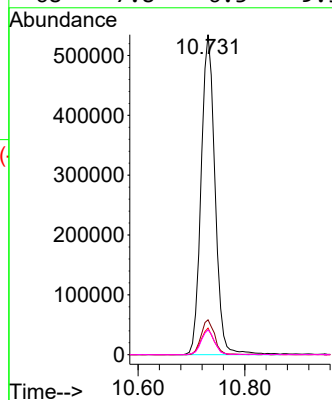
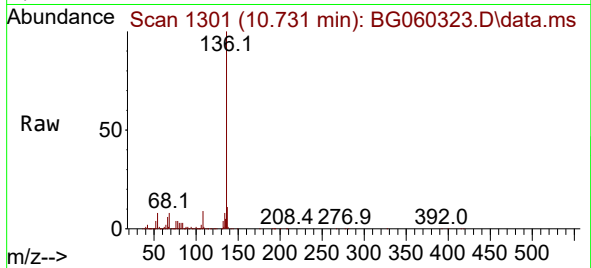




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

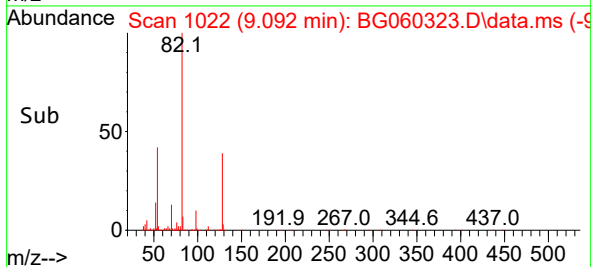
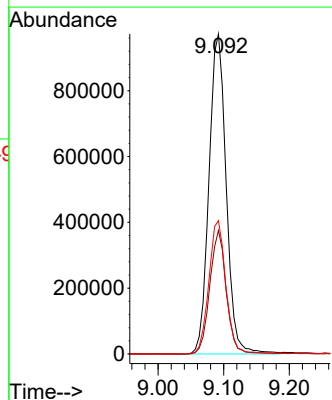
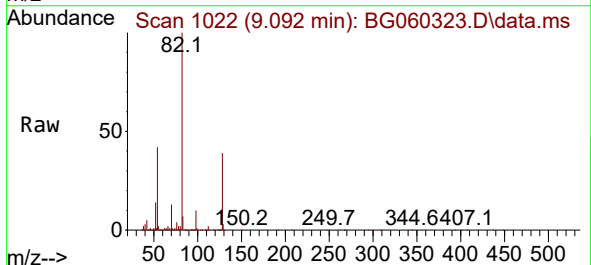
Instrument :
BNA_G
ClientSampleId :
TP-2

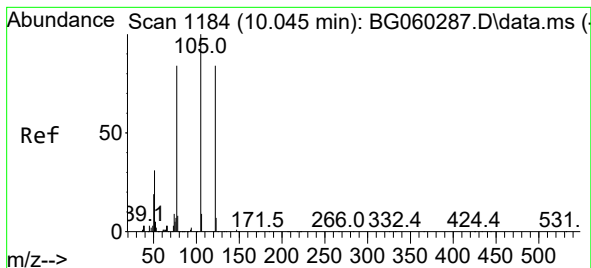
Tgt Ion:	136	Resp:	968110
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.4
54	8.3	6.2	9.2
68	7.8	6.3	9.5



#23
Nitrobenzene-d5
Concen: 86.538 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:	82	Resp:	1774210
Ion Ratio	Lower	Upper	
82	100		
128	38.6	29.6	44.4
54	41.6	33.6	50.4

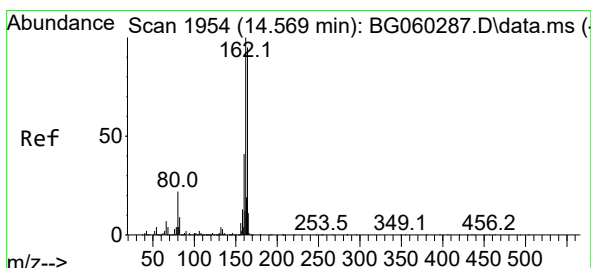
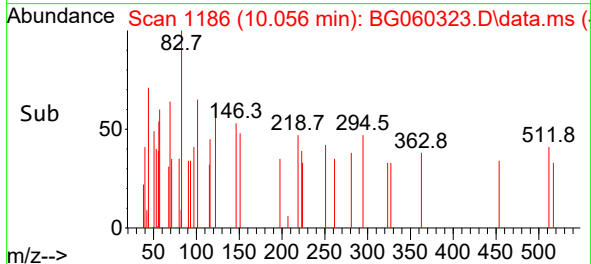
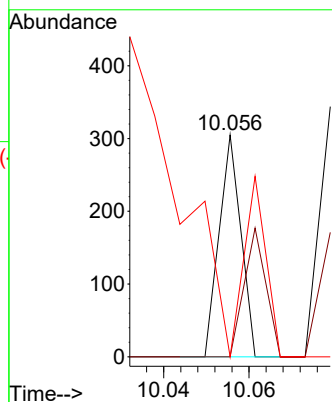
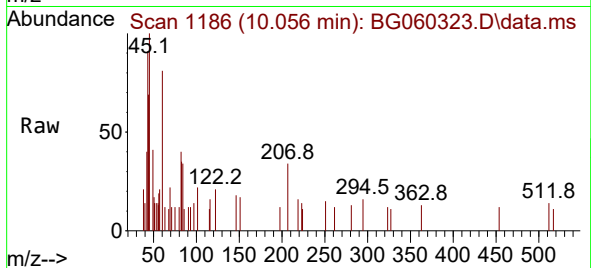




#32
Benzoic acid
Concen: 10.210 ng
RT: 10.056 min Scan# 1184
Delta R.T. 0.011 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

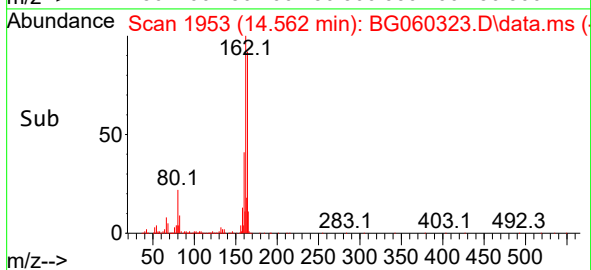
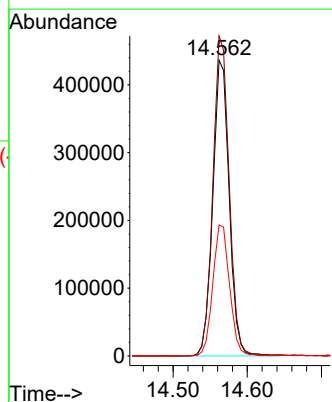
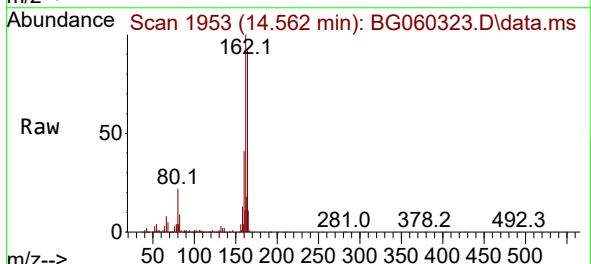
Instrument :
BNA_G
ClientSampleId :
TP-2

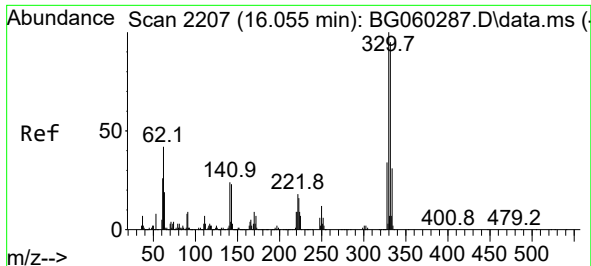
Tgt Ion:122 Resp: 108
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:164 Resp: 668036
Ion Ratio Lower Upper
164 100
162 108.2 84.4 126.6
160 44.3 34.6 52.0

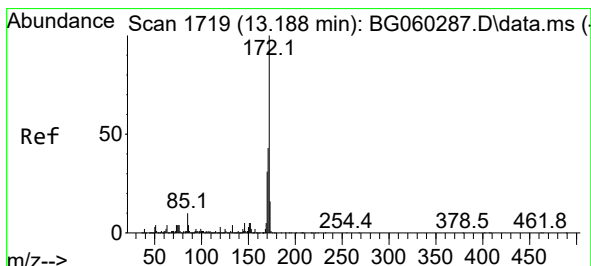
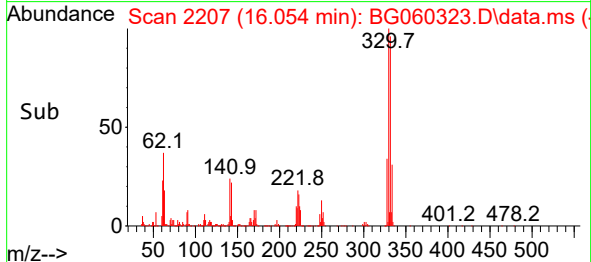
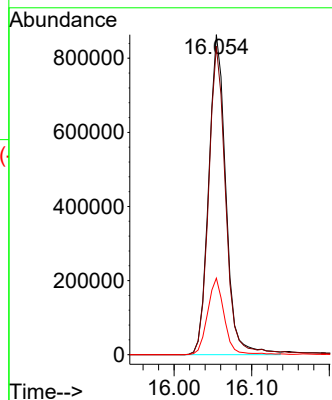
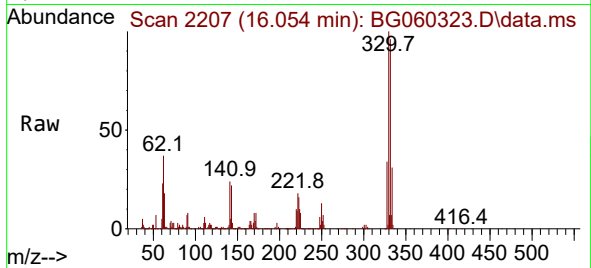




#42
2,4,6-Tribromophenol
Concen: 135.314 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

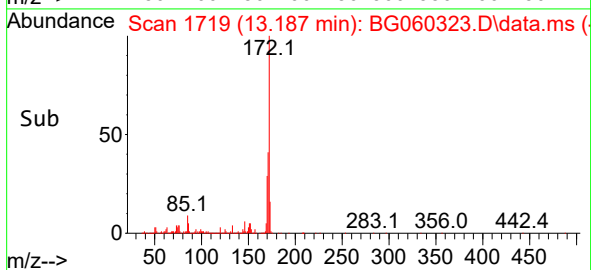
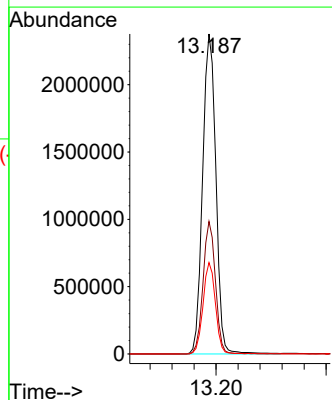
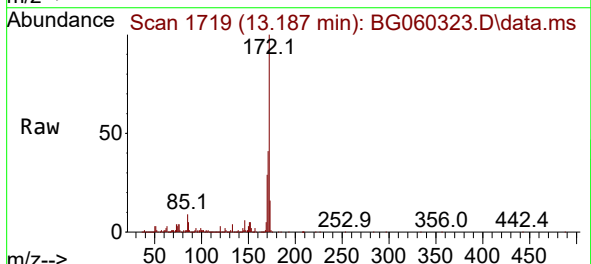
Instrument :
BNA_G
ClientSampleId :
TP-2

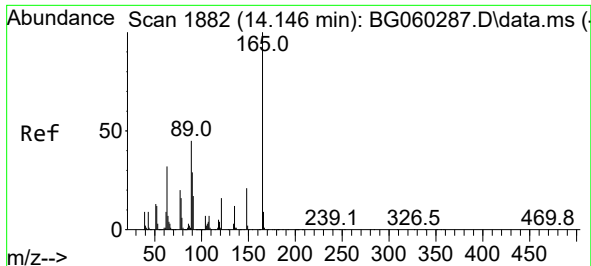
Tgt Ion:330 Resp: 1329965
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 23.4 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 82.777 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:172 Resp: 3977392
Ion Ratio Lower Upper
172 100
171 41.4 34.6 51.8
170 28.6 24.4 36.6

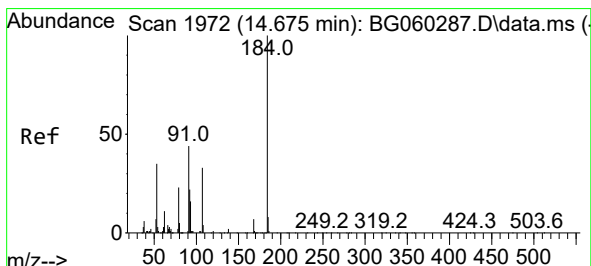
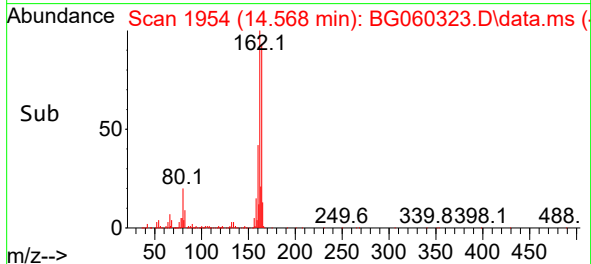
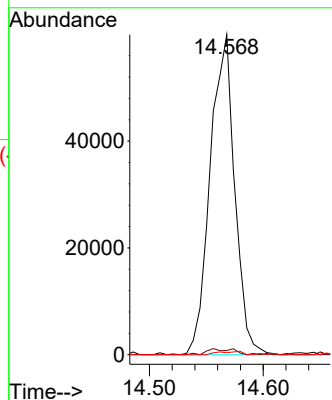
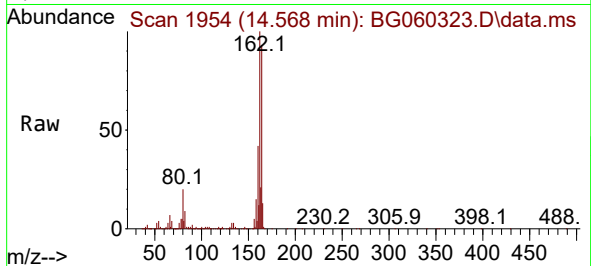




#51
2,6-Dinitrotoluene
Concen: 8.254 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.422 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

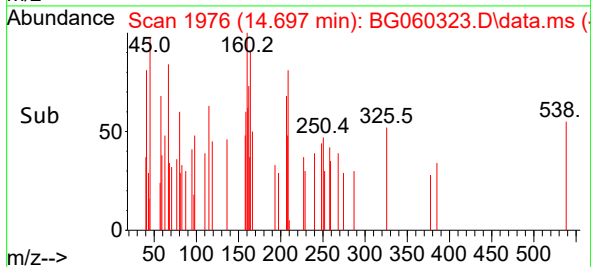
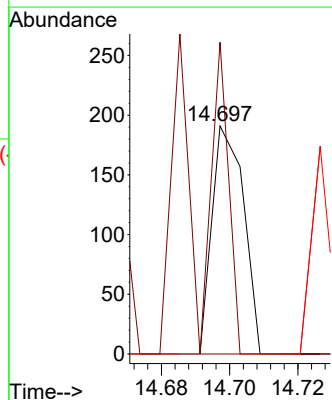
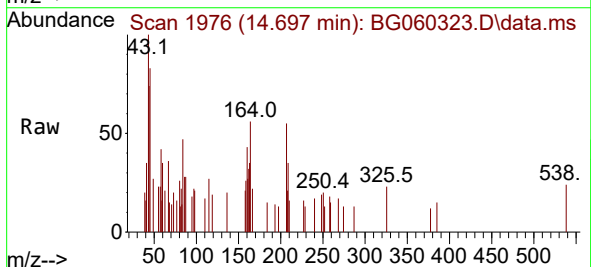
Instrument :
BNA_G
ClientSampleId :
TP-2

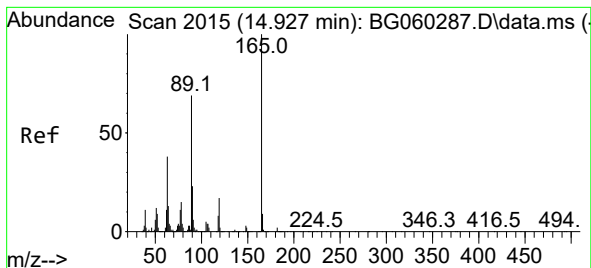
Tgt Ion:165 Resp: 89916
Ion Ratio Lower Upper
165 100
63 1.3 35.0 52.4#
89 0.6 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.603 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.022 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:184 Resp: 123
Ion Ratio Lower Upper
184 100
63 136.6 41.0 61.4#
154 0.0 39.2 58.8#

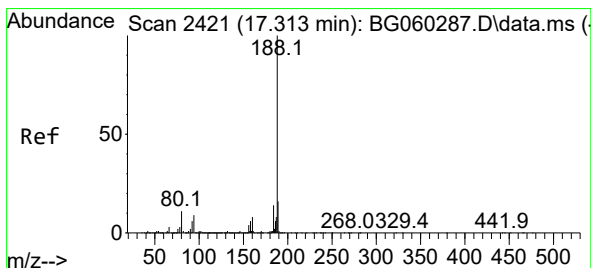
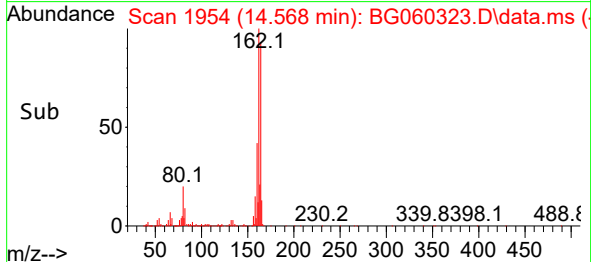
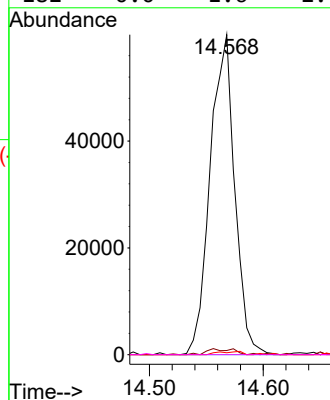
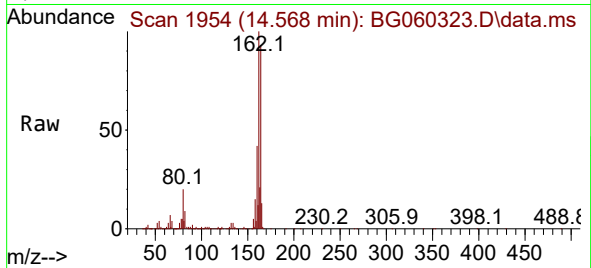




#57
2,4-Dinitrotoluene
Concen: 6.019 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.359 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

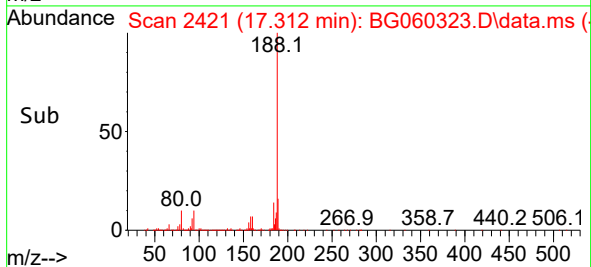
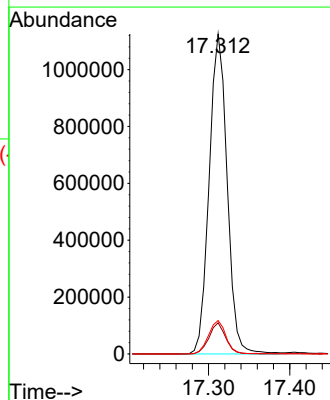
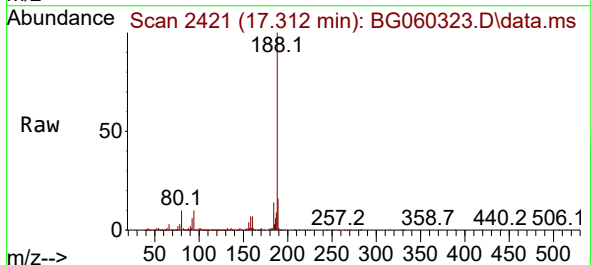
Instrument :
BNA_G
ClientSampleId :
TP-2

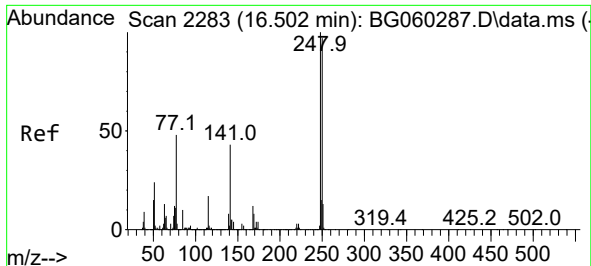
Tgt Ion:165 Resp: 89916
Ion Ratio Lower Upper
165 100
63 1.3 30.4 45.6#
89 0.6 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:188 Resp: 1726925
Ion Ratio Lower Upper
188 100
94 9.7 7.1 10.7
80 10.4 8.5 12.7

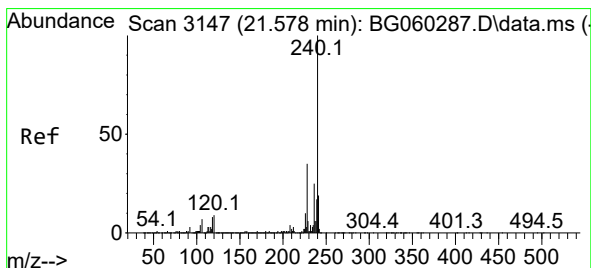
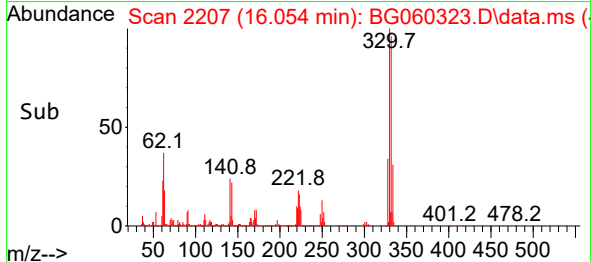
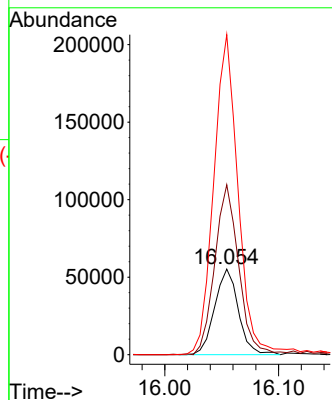
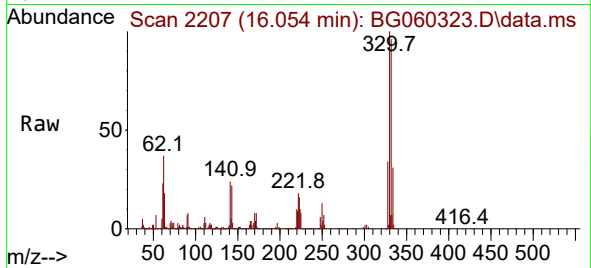




#67
4-Bromophenyl-phenylether
Concen: 4.218 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

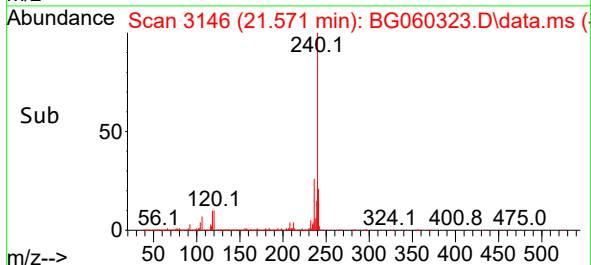
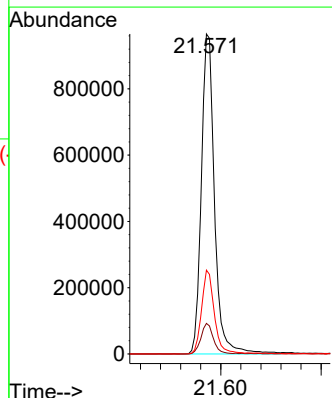
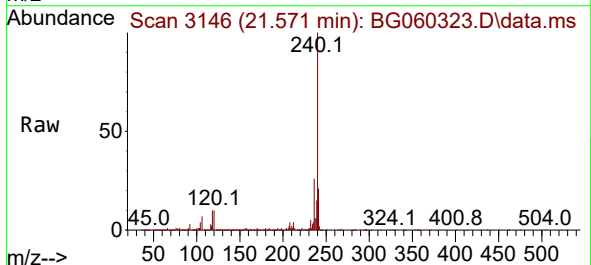
Instrument :
BNA_G
ClientSampleId :
TP-2

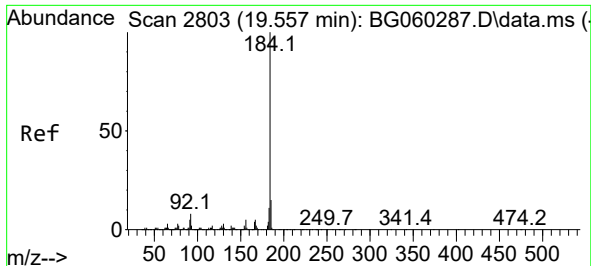
Tgt Ion:248 Resp: 80046
Ion Ratio Lower Upper
248 100
250 198.5 77.6 116.4#
141 373.8 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:240 Resp: 1759997
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.2 20.3 30.5





#77

Benzidine

Concen: 2.917 ng

RT: 19.932 min Scan# 2867

Delta R.T. 0.375 min

Lab File: BG060323.D

Acq: 12 Jan 2024 19:51

Instrument :

BNA_G

ClientSampleId :

TP-2

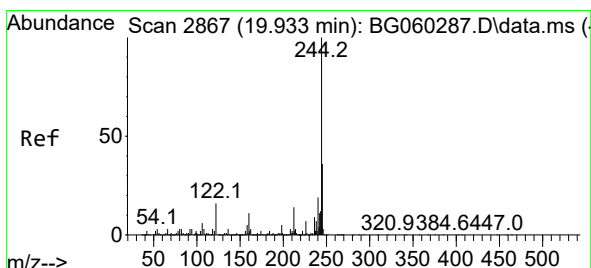
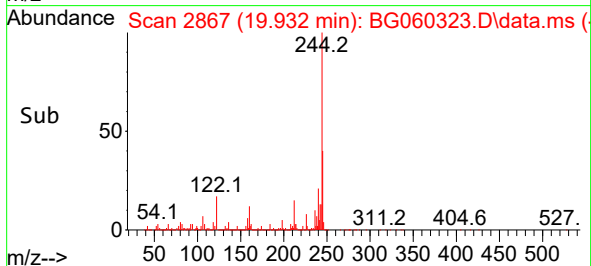
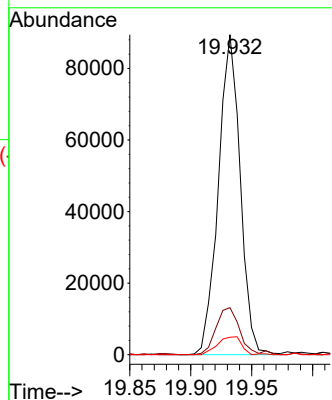
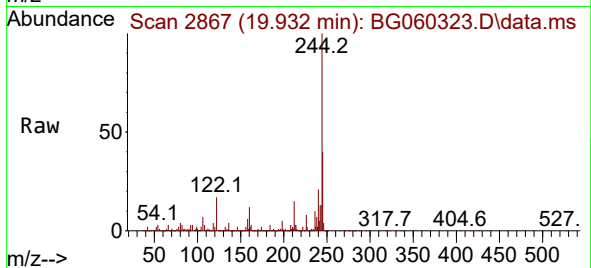
Tgt Ion:184 Resp: 111526

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.4

183 5.4 9.0 13.4#



#79

Terphenyl-d14

Concen: 84.775 ng

RT: 19.932 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG060323.D

Acq: 12 Jan 2024 19:51

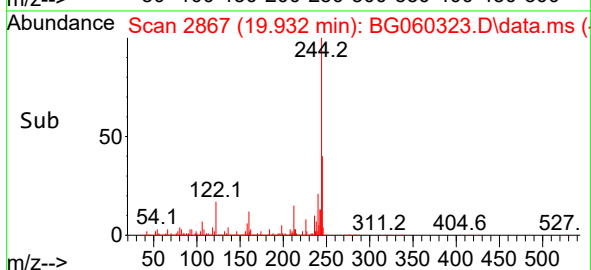
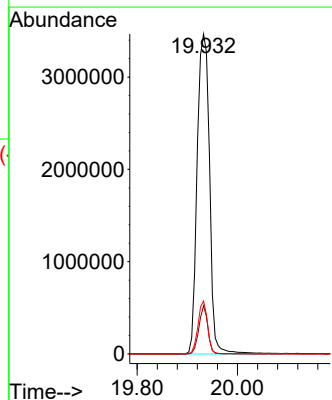
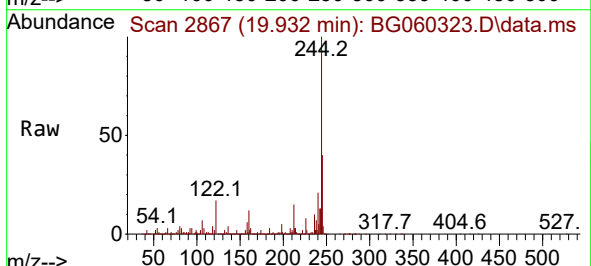
Tgt Ion:244 Resp: 5922234

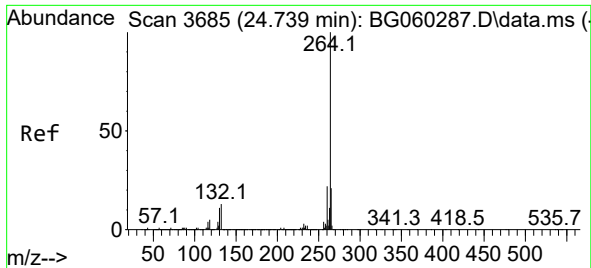
Ion Ratio Lower Upper

244 100

212 15.1 10.9 16.3

122 16.6 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.738 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG060323.D
 Acq: 12 Jan 2024 19:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:264 Resp: 1813136
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.8 26.6
 265 21.5 16.8 25.2

