

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
 Data File : BG060312.D
 Acq On : 11 Jan 2024 18:12
 Operator : MA/JU
 Sample : SP6396
 Misc : 8270 SURROGATES
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 00:11:42 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)

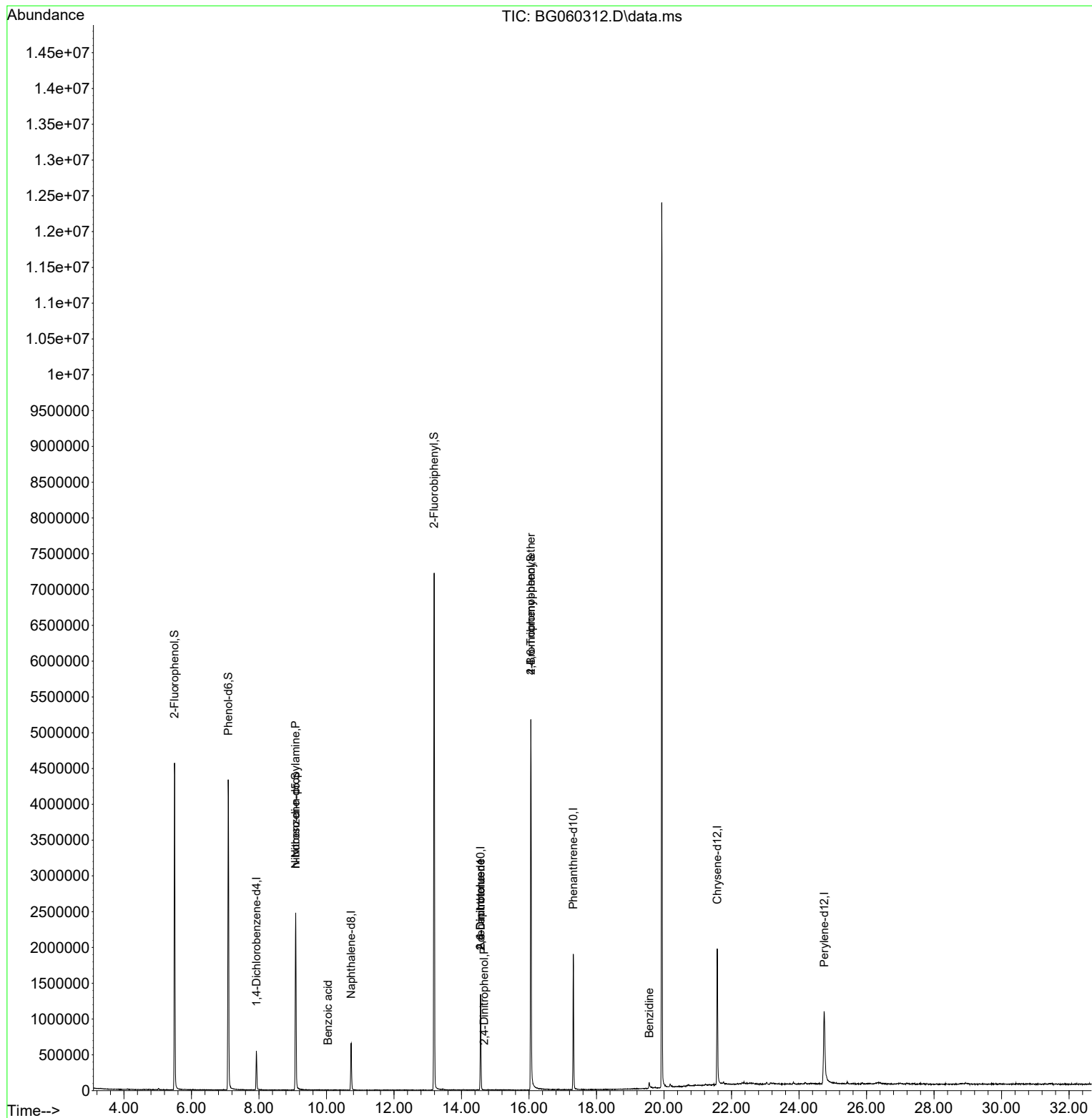
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	173308	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	606033	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	498314	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1266407	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1257182	20.000	ng	0.00
86) Perylene-d12	24.745	264	1350629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	2140953	203.188	ng	0.00
7) Phenol-d6	7.089	99	2952542	189.234	ng	0.00
23) Nitrobenzene-d5	9.087	82	1699886	132.449	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1237509	168.790	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4142132	115.567	ng	0.00
79) Terphenyl-d14	19.933	244	5640540	-20.000	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	203741	18.867	ng	# 87
32) Benzoic acid	10.044	122	61	10.209	ng	# 40
51) 2,6-Dinitrotoluene	14.563	165	62123	7.645	ng	# 34
54) 2,4-Dinitrophenol	14.674	184	99	8.605	ng	# 27
57) 2,4-Dinitrotoluene	14.563	165	62123	5.575	ng	# 26
67) 4-Bromophenyl-phenylether	16.055	248	71315	5.125	ng	# 1
77) Benzidine	19.563	184	97663	3.576	ng	98

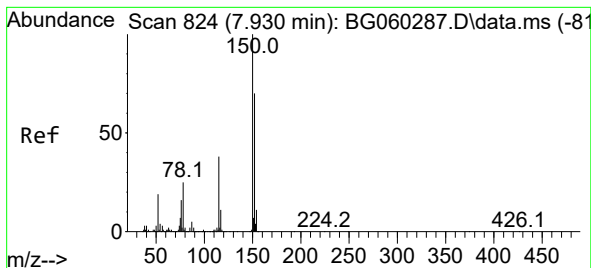
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
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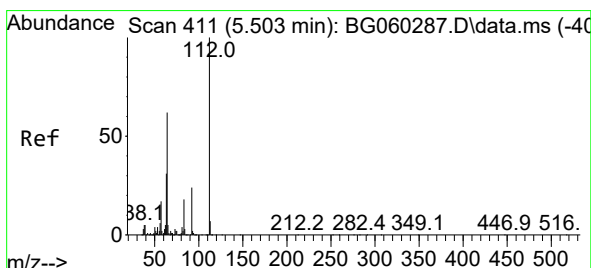
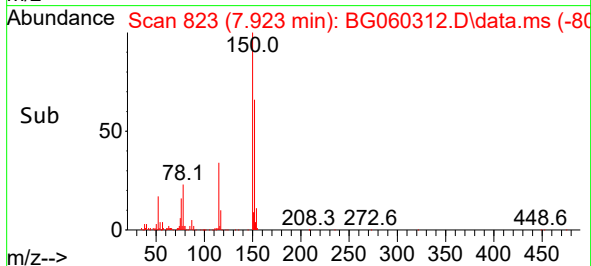
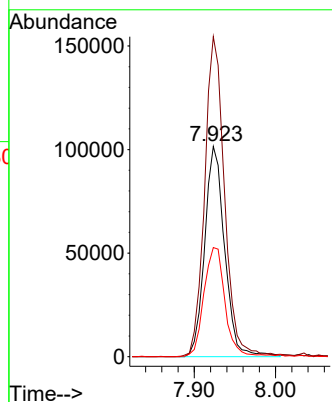
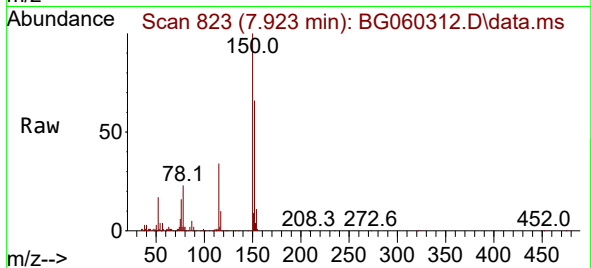




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

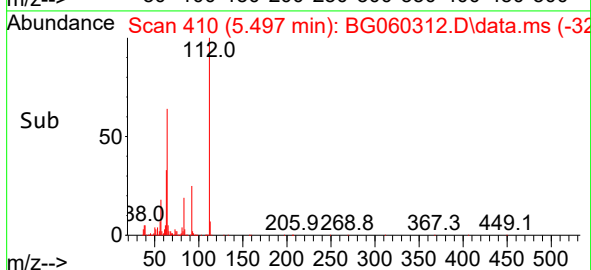
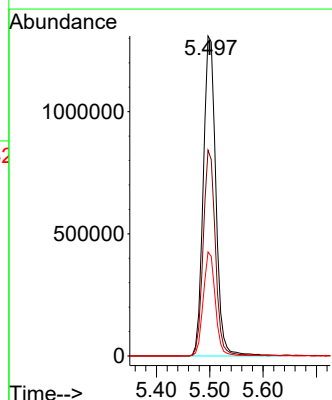
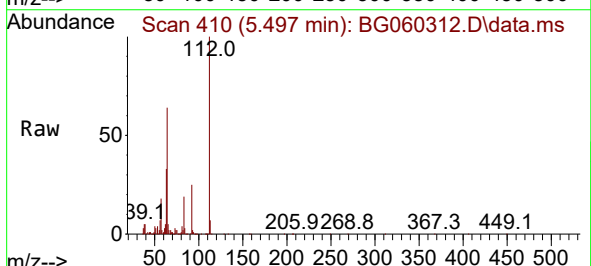
Instrument :
BNA_G
ClientSampleId :

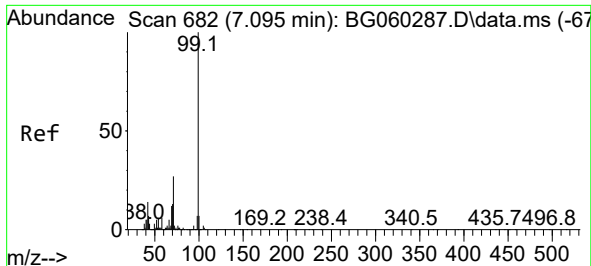
Tgt Ion:152 Resp: 173308
Ion Ratio Lower Upper
152 100
150 152.2 114.5 171.7
115 51.9 43.0 64.6



#5
2-Fluorophenol
Concen: 203.188 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

Tgt Ion:112 Resp: 2140953
Ion Ratio Lower Upper
112 100
64 64.3 49.8 74.6
63 32.5 24.4 36.6

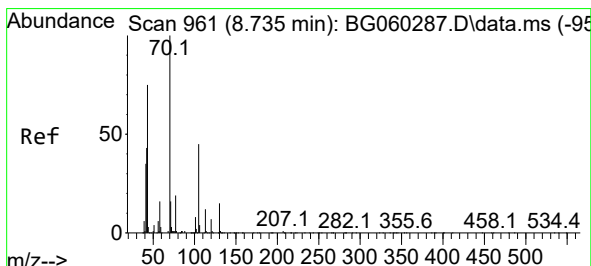
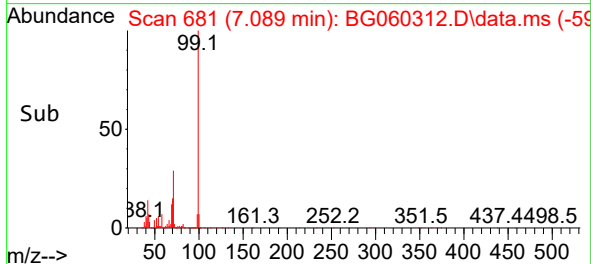
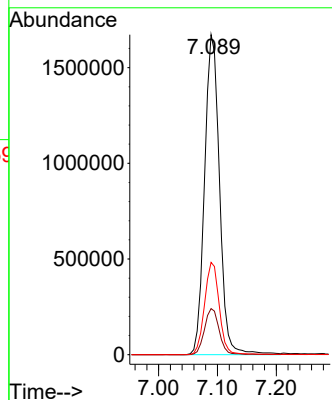
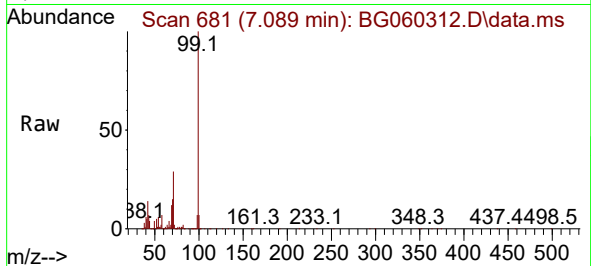




#7
Phenol-d6
Concen: 189.234 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

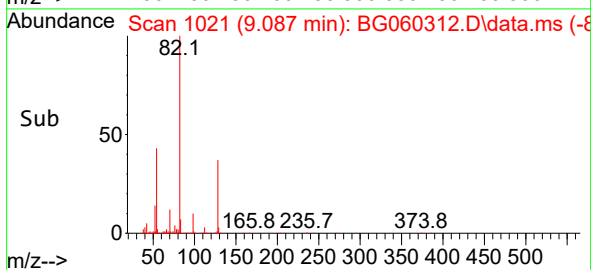
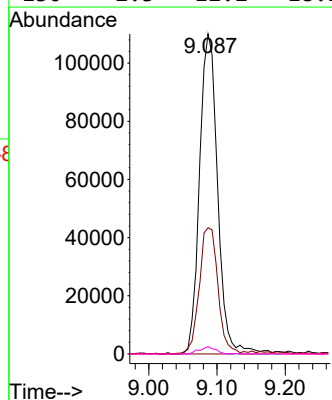
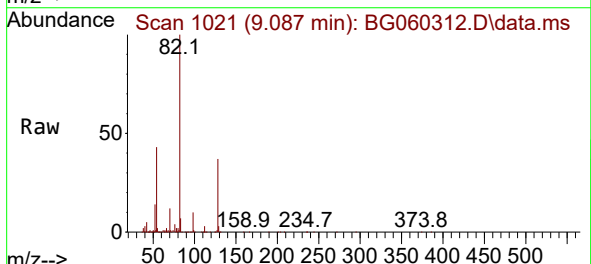
Instrument :
BNA_G
ClientSampleId :

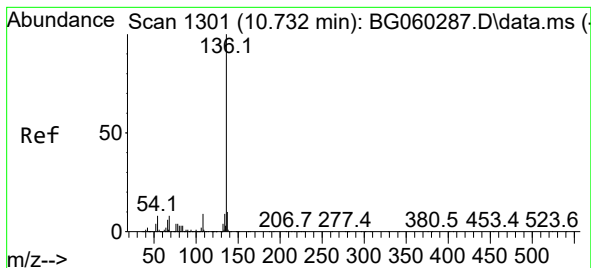
Tgt Ion: 99 Resp: 2952542
Ion Ratio Lower Upper
99 100
42 14.4 10.9 16.3
71 28.8 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.867 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

Tgt Ion: 70 Resp: 203741
Ion Ratio Lower Upper
70 100
42 39.5 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: 10.732 min Scan# 11

Delta R.T. -0.000 min

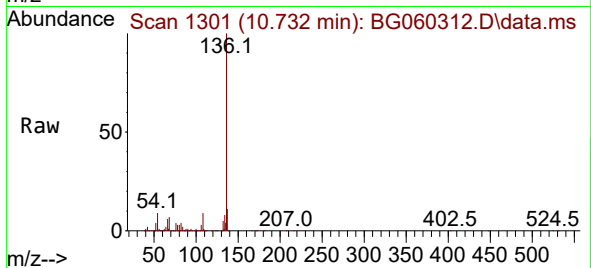
Lab File: BG060312.D

Acq: 11 Jan 2024 18:12

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:136 Resp: 606033

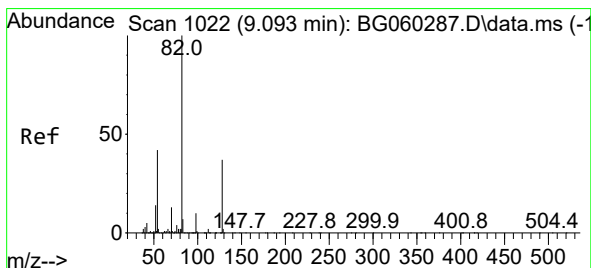
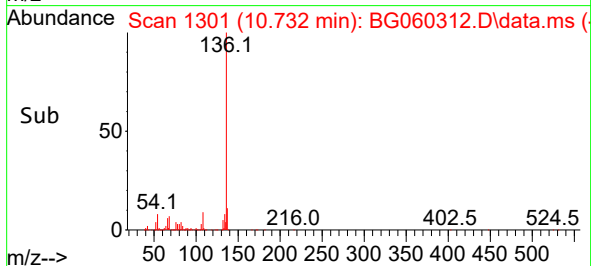
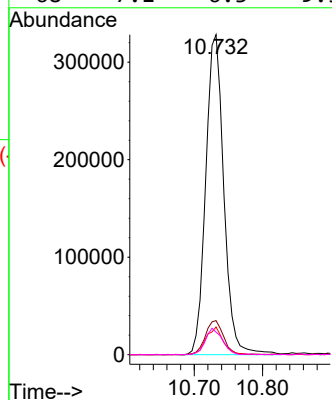
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 8.6 6.2 9.2

68 7.1 6.3 9.5



#23

Nitrobenzene-d5

Concen: 132.449 ng

RT: 9.087 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BG060312.D

Acq: 11 Jan 2024 18:12

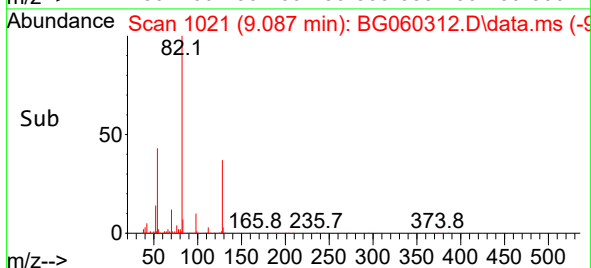
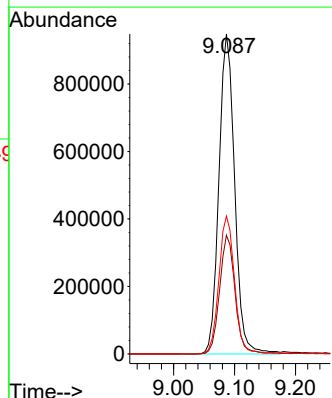
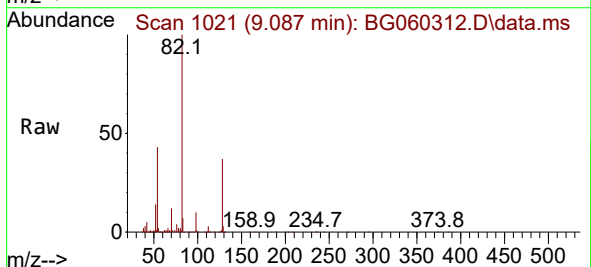
Tgt Ion: 82 Resp: 1699886

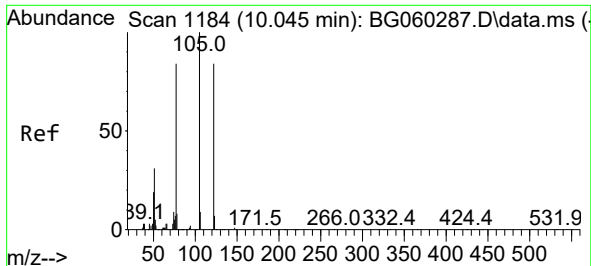
Ion Ratio Lower Upper

82 100

128 37.1 29.6 44.4

54 43.1 33.6 50.4

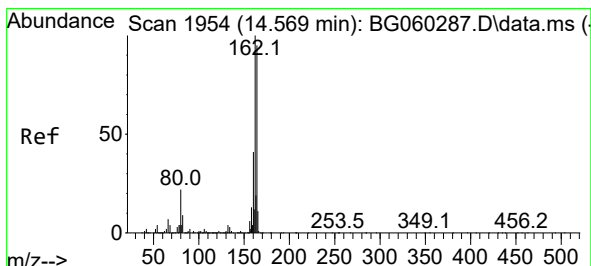
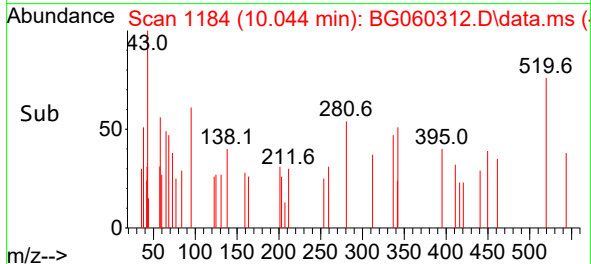
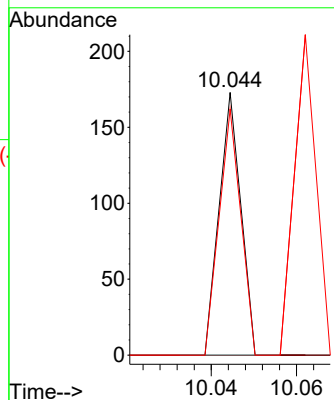
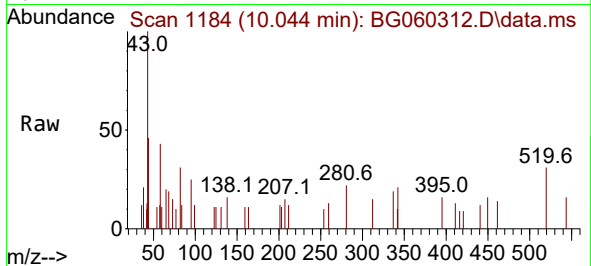




#32
Benzoic acid
Concen: 10.209 ng
RT: 10.044 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

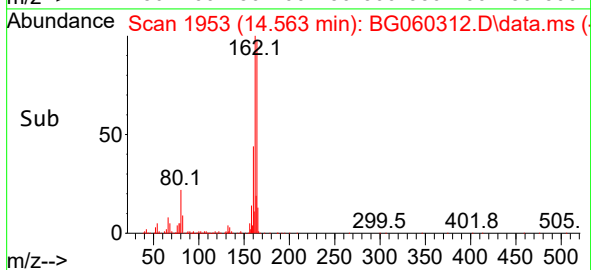
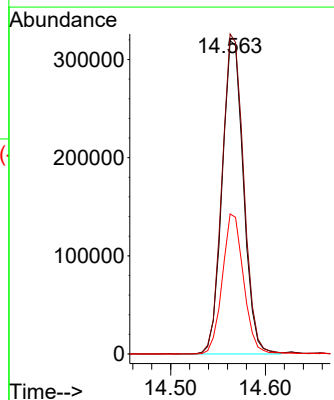
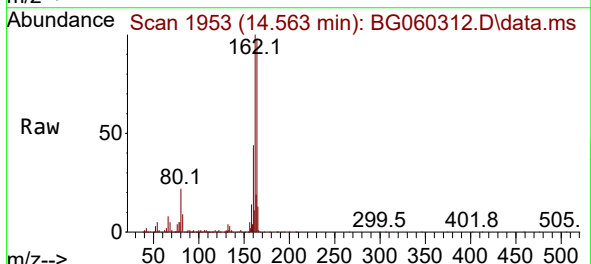
Instrument :
BNA_G
ClientSampleId :

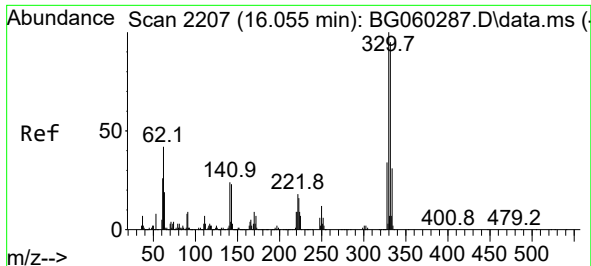
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 93.6 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

Tgt Ion:164 Resp: 498314
Ion Ratio Lower Upper
164 100
162 102.1 84.4 126.6
160 44.7 34.6 52.0

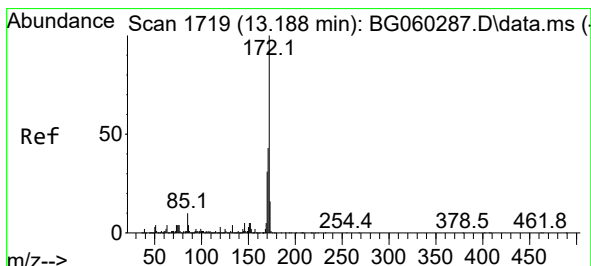
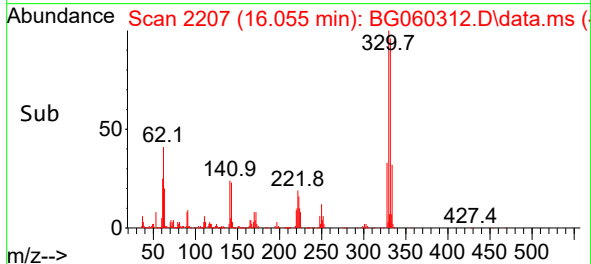
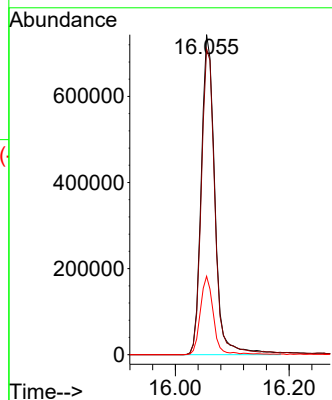
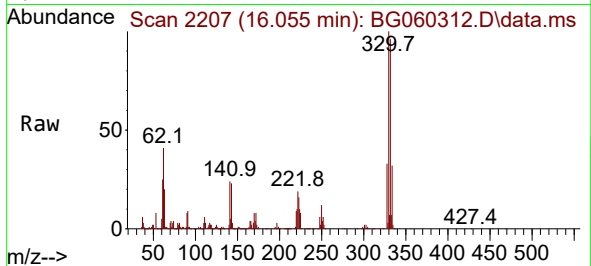




#42
2,4,6-Tribromophenol
Concen: 168.790 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

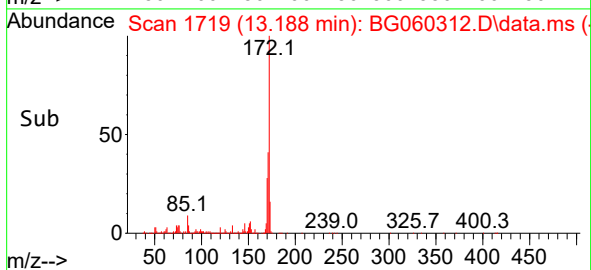
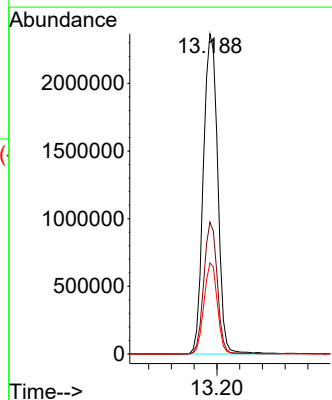
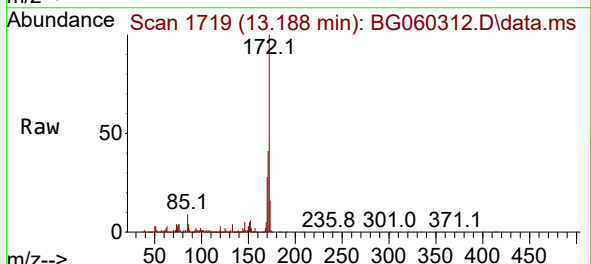
Instrument :
BNA_G
ClientSampleId :

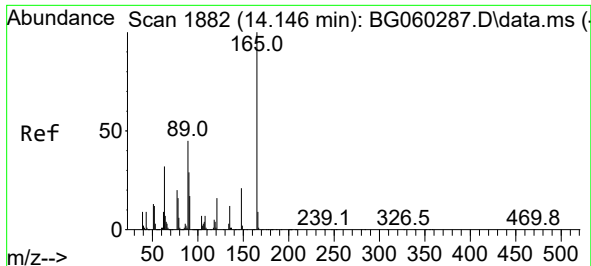
Tgt Ion:330 Resp: 1237509
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 23.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 115.567 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

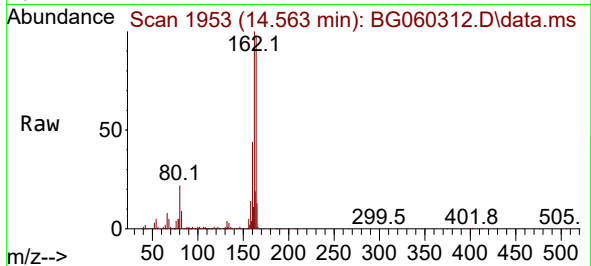
Tgt Ion:172 Resp: 4142132
Ion Ratio Lower Upper
172 100
171 41.2 34.6 51.8
170 28.5 24.4 36.6



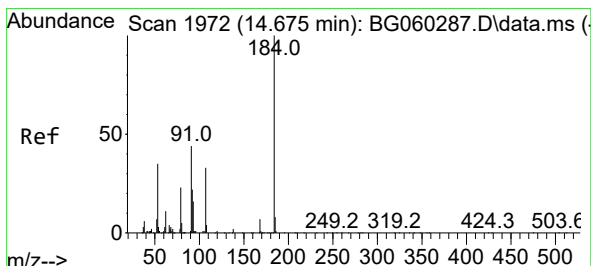
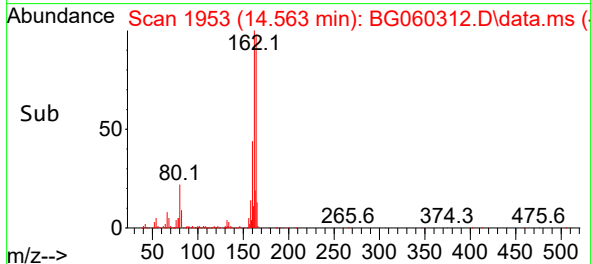
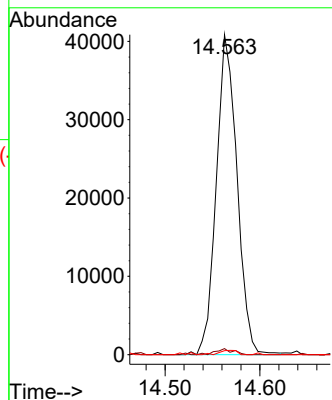


#51
2,6-Dinitrotoluene
Concen: 7.645 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

Instrument :
BNA_G
ClientSampleId :

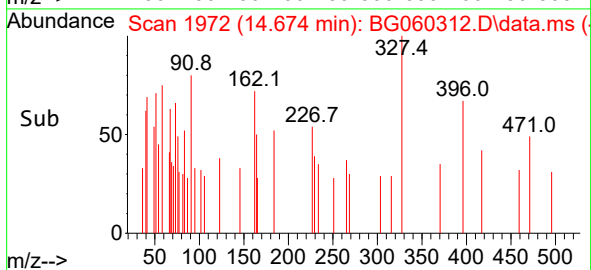
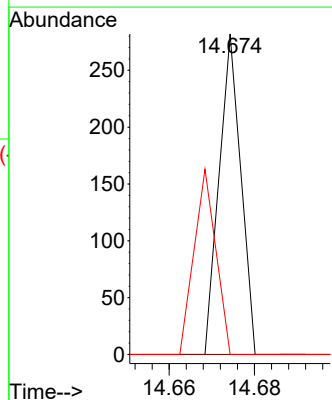
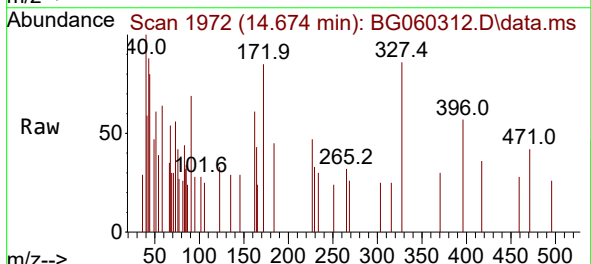


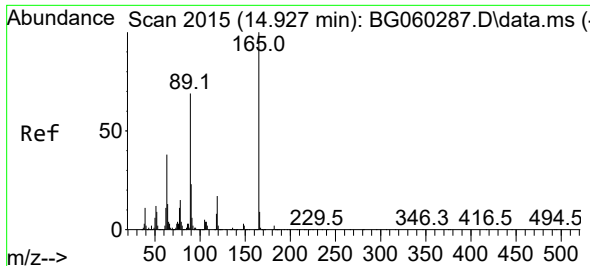
Tgt Ion:165 Resp: 62123
Ion Ratio Lower Upper
165 100
63 1.9 35.0 52.4#
89 1.3 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.605 ng
RT: 14.674 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

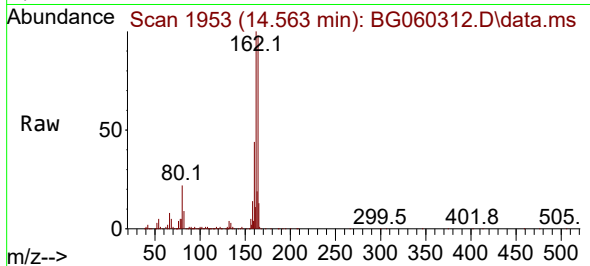
Tgt Ion:184 Resp: 99
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#



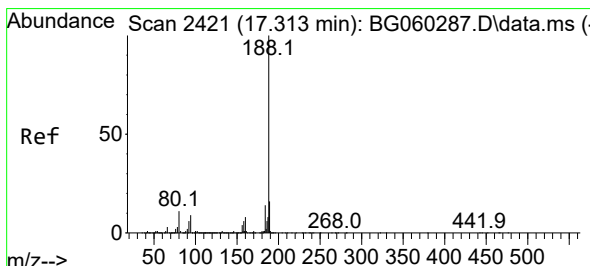
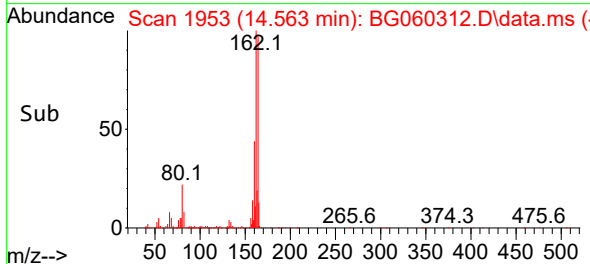
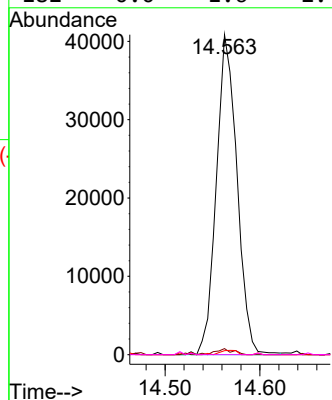


#57
2,4-Dinitrotoluene
Concen: 5.575 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.365 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

Instrument :
BNA_G
ClientSampleId :

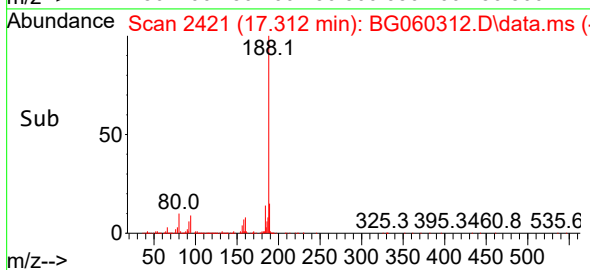
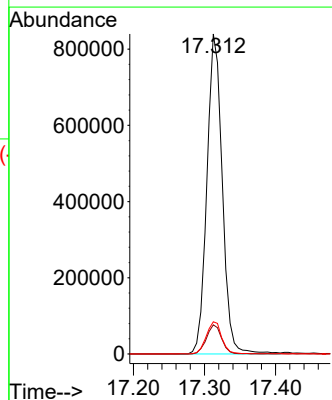
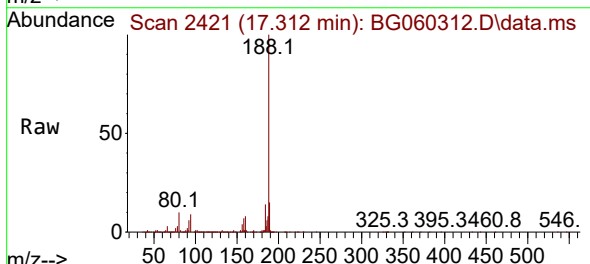


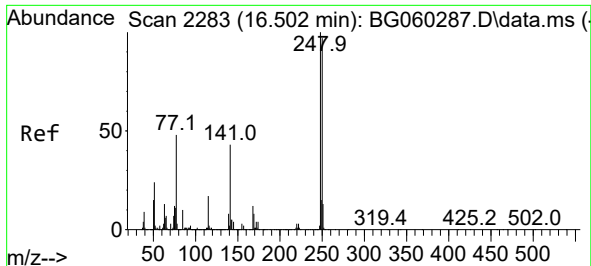
Tgt Ion:165 Resp: 62123
Ion Ratio Lower Upper
165 100
63 1.9 30.4 45.6#
89 1.3 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

Tgt Ion:188 Resp: 1266407
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.1 8.5 12.7

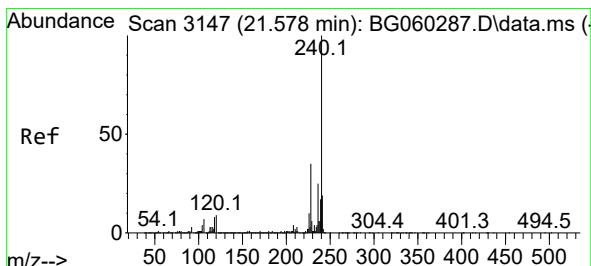
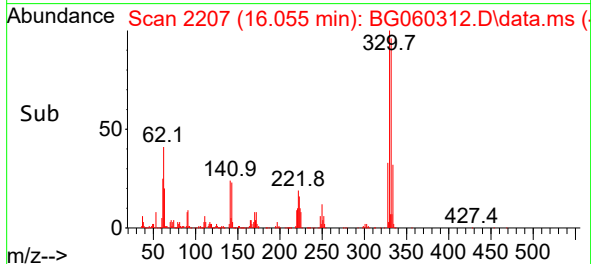
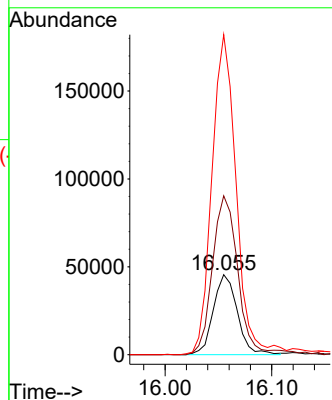
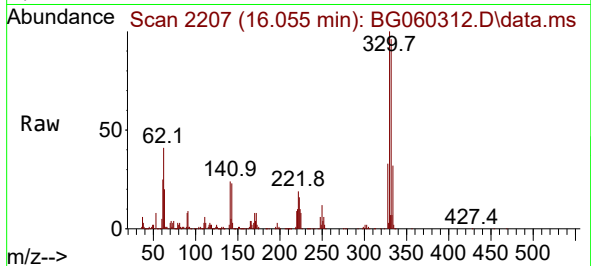




#67
4-Bromophenyl-phenylether
Concen: 5.125 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

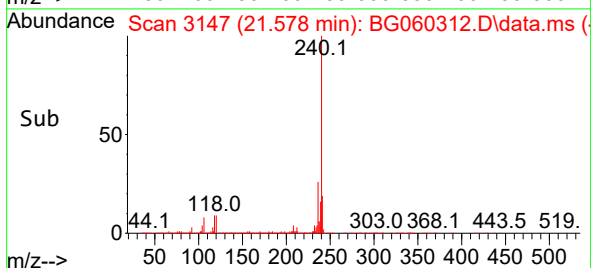
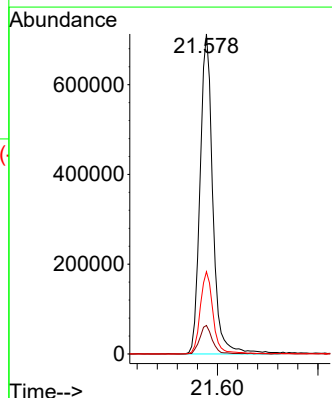
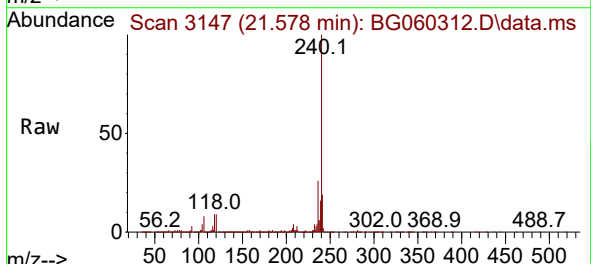
Instrument :
BNA_G
ClientSampleId :

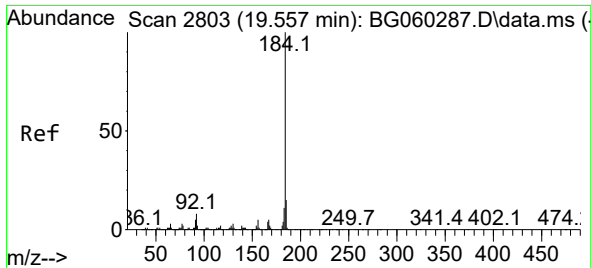
Tgt Ion:248 Resp: 71315
Ion Ratio Lower Upper
248 100
250 198.6 77.6 116.4#
141 399.9 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

Tgt Ion:240 Resp: 1257182
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.7 20.3 30.5

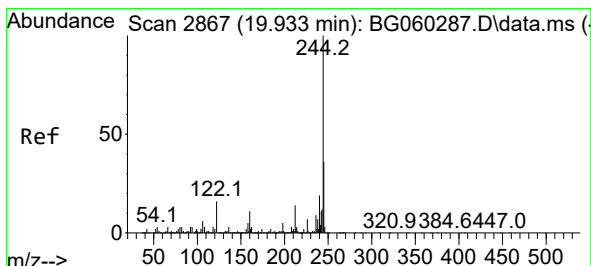
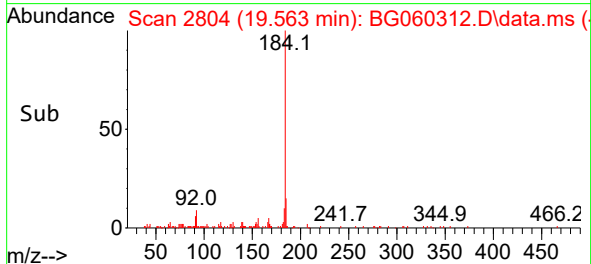
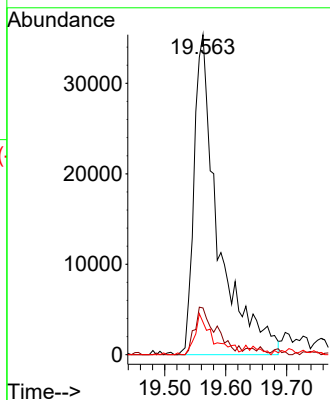
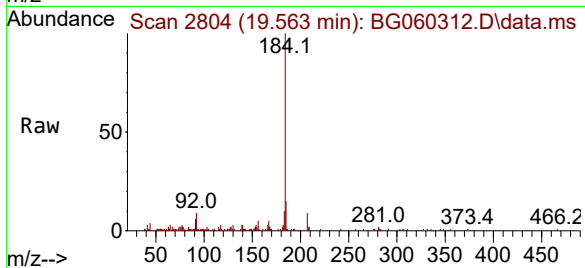




#77
Benzidine
Concen: 3.576 ng
RT: 19.563 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

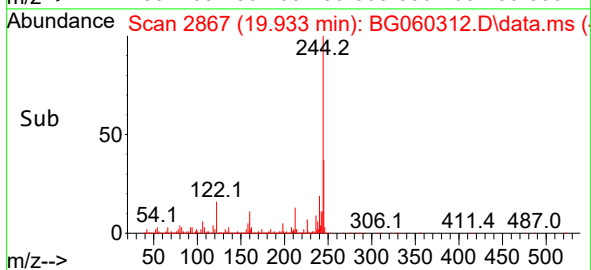
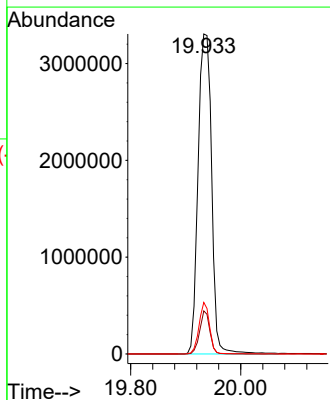
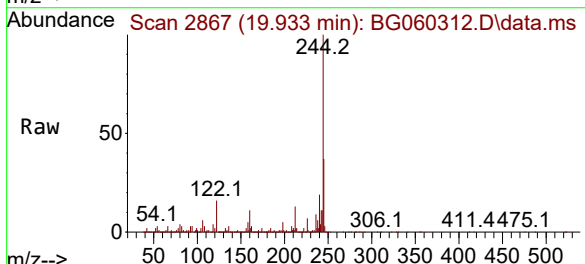
Instrument :
BNA_G
ClientSampleId :

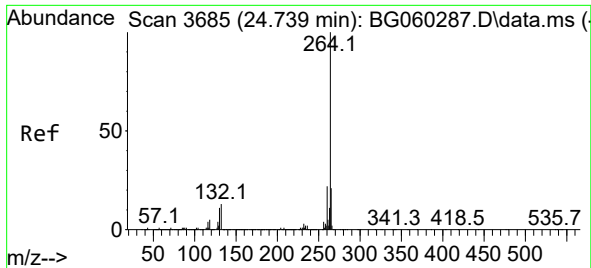
Tgt Ion:184 Resp: 97663
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 10.2 9.0 13.4



#79
Terphenyl-d14
Concen: -20.000 ng
RT: 19.933 min Scan# 2867
Delta R.T. -0.000 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

Tgt Ion:244 Resp: 5640540
Ion Ratio Lower Upper
244 100
212 13.4 10.9 16.3
122 16.1 12.6 18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.745 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG060312.D
Acq: 11 Jan 2024 18:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 1350629

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.6
265	21.1	16.8	25.2

