

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060314.D
 Acq On : 12 Jan 2024 13:41
 Operator : MA/JU
 Sample : PB158404BL
 Misc : 8270 SURROGATES
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158404BL

Quant Time: Jan 12 15:25:33 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)

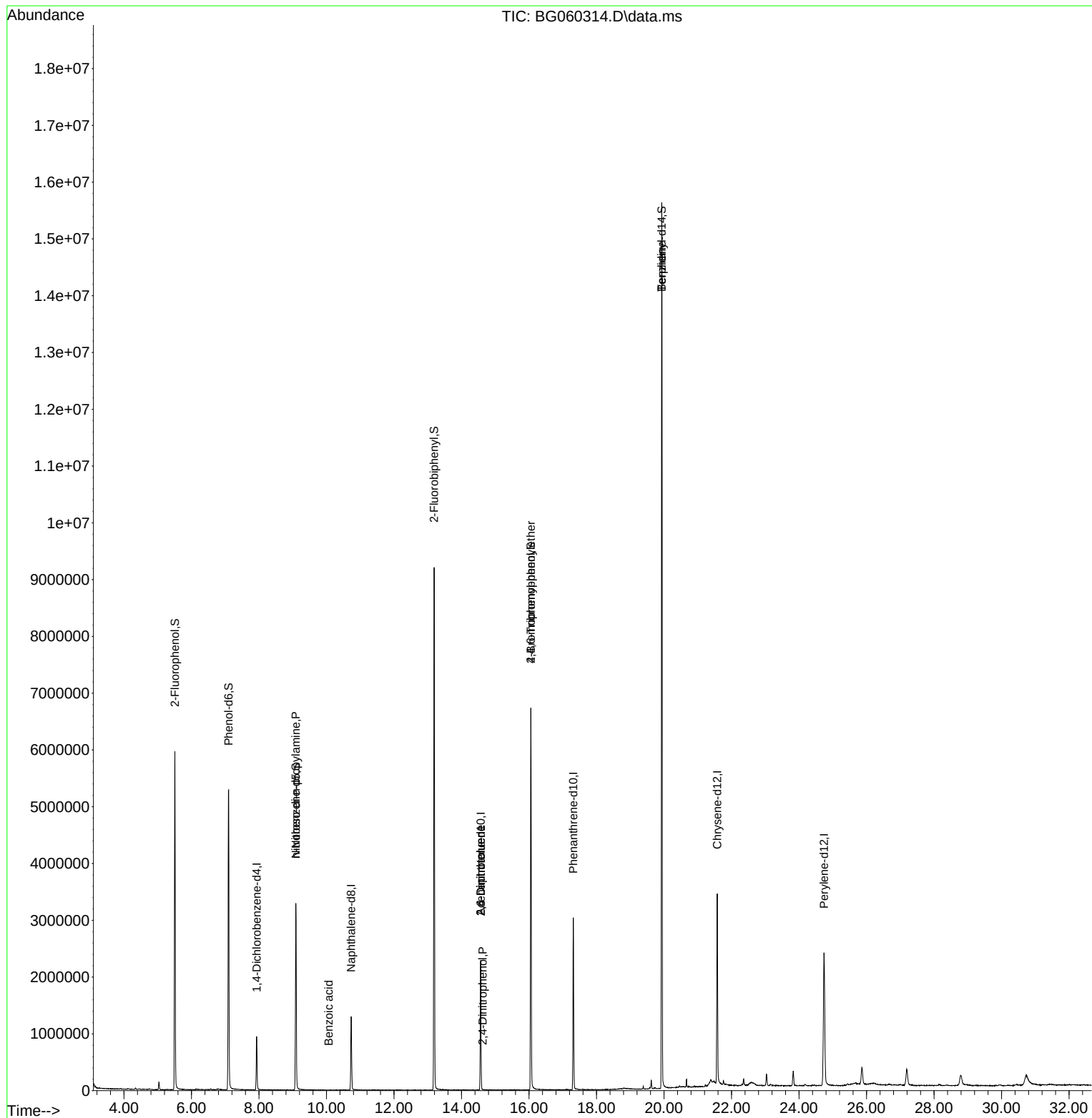
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	301945	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	1205445	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	817546	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	2034077	20.000	ng	0.00
76) Chrysene-d12	21.577	240	2078419	20.000	ng	0.00
86) Perylene-d12	24.738	264	2339065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2746272	149.598	ng	0.00
7) Phenol-d6	7.094	99	3547709	130.510	ng	0.00
23) Nitrobenzene-d5	9.092	82	2222515	87.061	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	1476606	122.759	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	4831659	82.167	ng	0.00
79) Terphenyl-d14	19.932	244	6540176	76.412	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	271497	14.431	ng	# 86
32) Benzoic acid	10.061	122	93	10.207	ng	# 31
51) 2,6-Dinitrotoluene	14.568	165	114333	8.576	ng	# 33
54) 2,4-Dinitrophenol	14.626	184	54	8.593	ng	# 1
57) 2,4-Dinitrotoluene	14.568	165	114333	6.254	ng	# 26
67) 4-Bromophenyl-phenylether	16.054	248	90300	4.040	ng	# 1
77) Benzidine	19.932	184	138983	3.078	ng	# 94

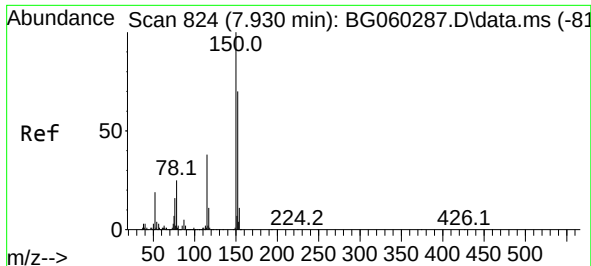
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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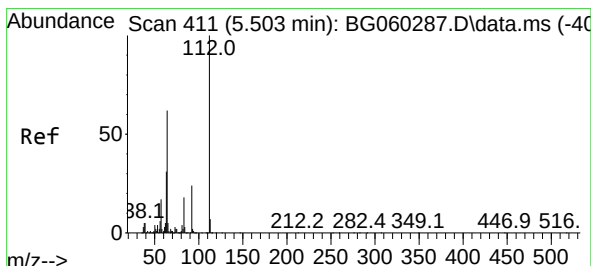
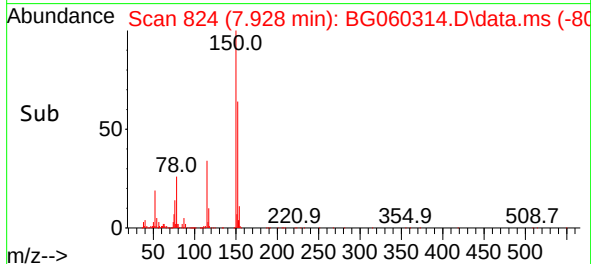
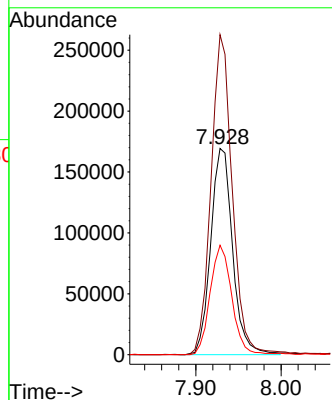
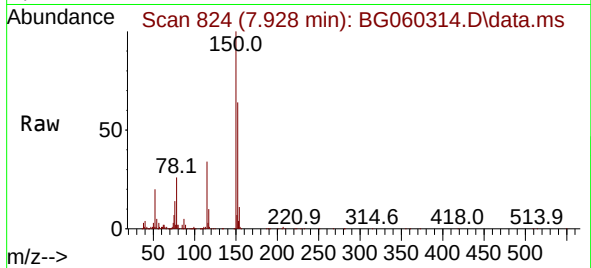




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

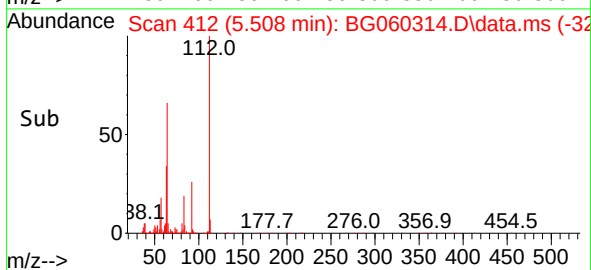
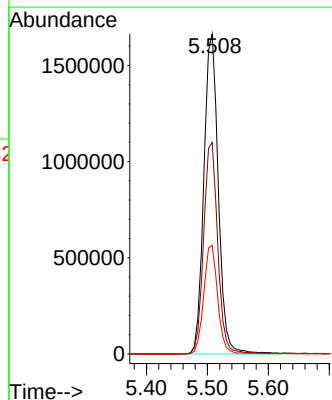
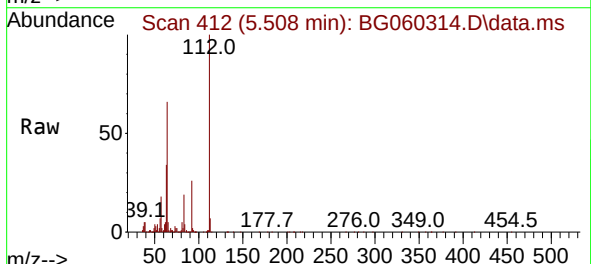
Instrument :
BNA_G
ClientSampleId :
PB158404BL

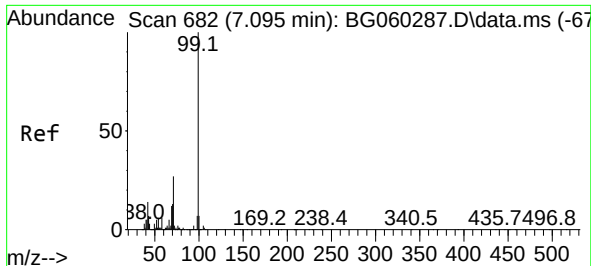
Tgt Ion:152 Resp: 301945
Ion Ratio Lower Upper
152 100
150 155.2 114.5 171.7
115 53.0 43.0 64.6



#5
2-Fluorophenol
Concen: 149.598 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

Tgt Ion:112 Resp: 2746272
Ion Ratio Lower Upper
112 100
64 66.1 49.8 74.6
63 33.9 24.4 36.6

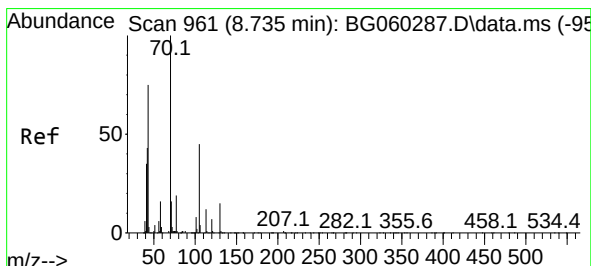
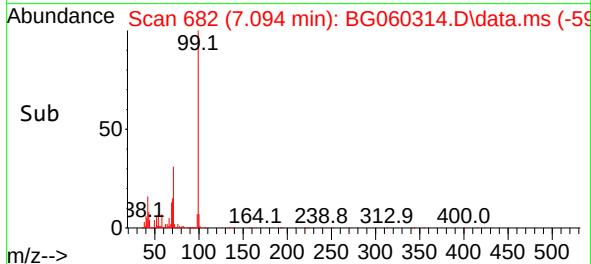
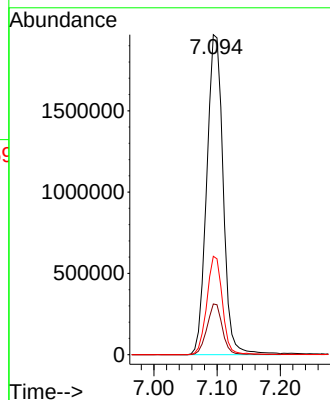
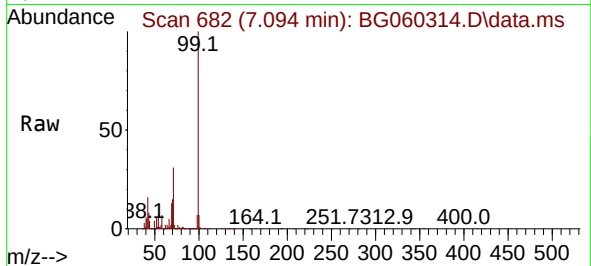




#7
Phenol-d6
Concen: 130.510 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

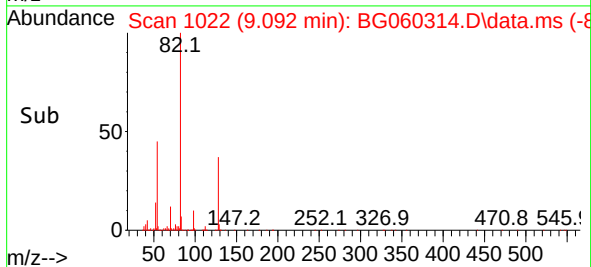
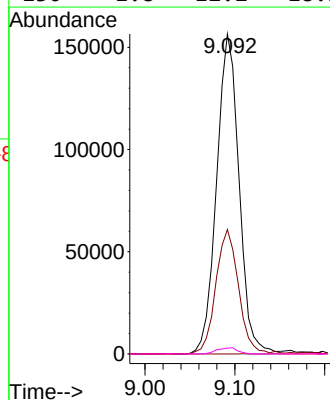
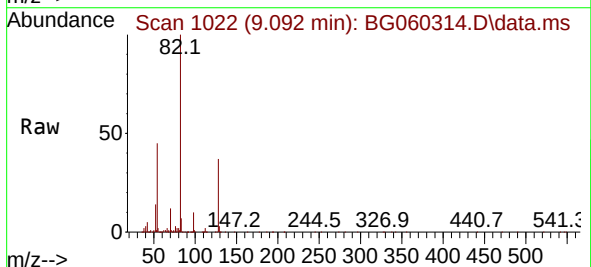
Instrument :
BNA_G
ClientSampleId :
PB158404BL

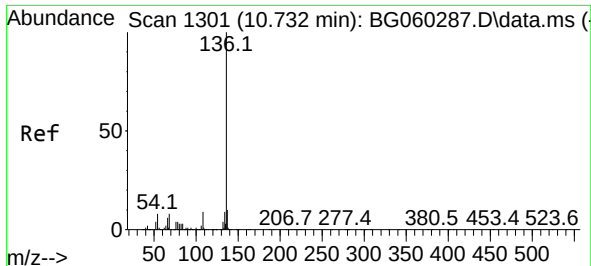
Tgt Ion: 99 Resp: 3547709
Ion Ratio Lower Upper
99 100
42 15.8 10.9 16.3
71 30.8 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.431 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.357 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

Tgt Ion: 70 Resp: 271497
Ion Ratio Lower Upper
70 100
42 38.9 34.3 51.5
101 0.0 6.2 9.2#
130 1.8 12.2 18.2#



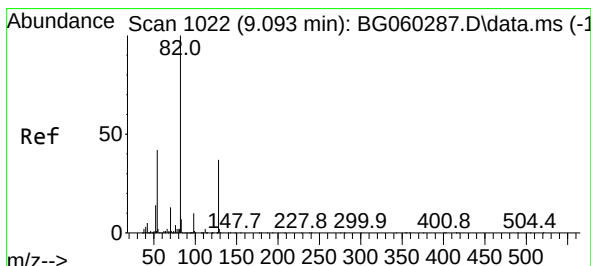
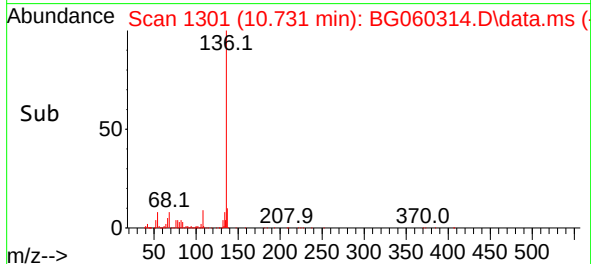
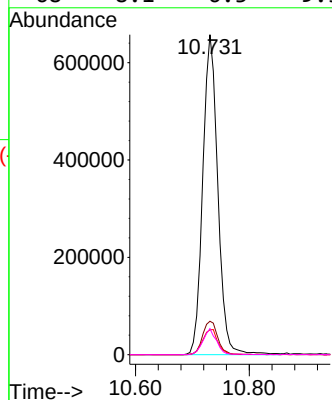
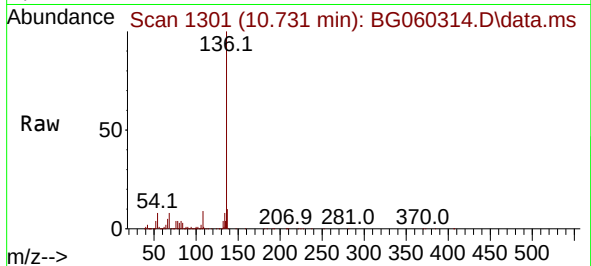


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

Instrument :
BNA_G
ClientSampleId :
PB158404BL

Tgt Ion:136 Resp: 1205445

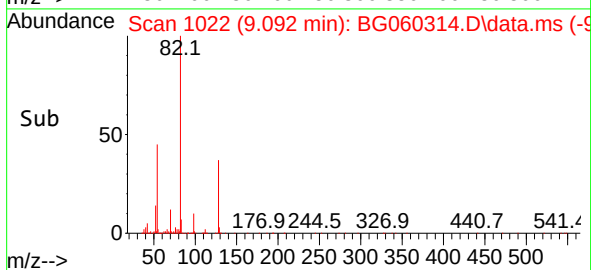
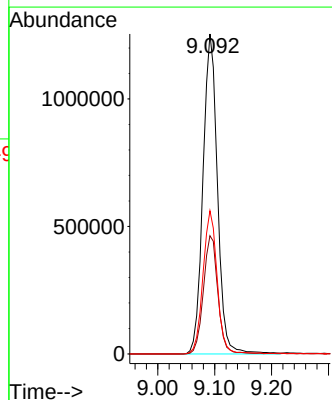
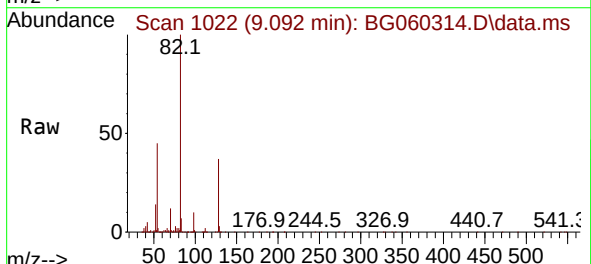
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	7.8	6.2	9.2
68	8.1	6.3	9.5

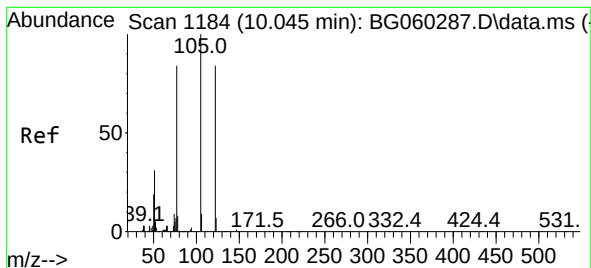


#23
Nitrobenzene-d5
Concen: 87.061 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

Tgt Ion: 82 Resp: 2222515

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.6	44.4
54	44.7	33.6	50.4





#32

Benzoic acid

Concen: 10.207 ng

RT: 10.061 min Scan# 1187

Delta R.T. 0.016 min

Lab File: BG060314.D

Acq: 12 Jan 2024 13:41

Instrument :

BNA_G

ClientSampleId :

PB158404BL

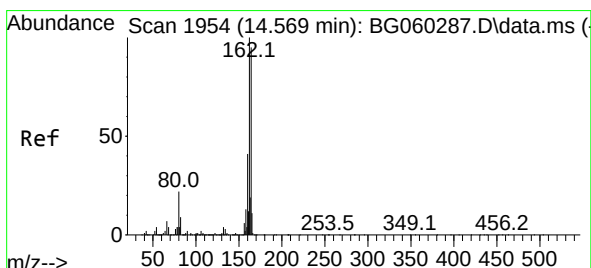
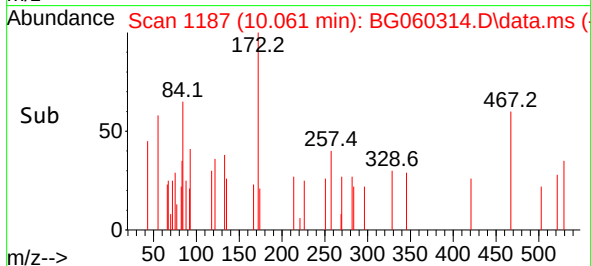
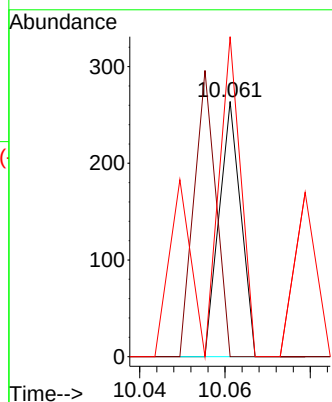
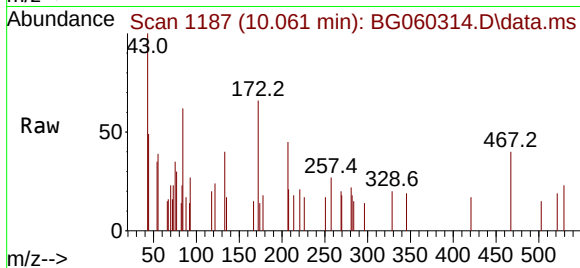
Tgt Ion:122 Resp: 93

Ion Ratio Lower Upper

122 100

105 0.0 96.0 136.0#

77 125.4 80.1 120.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1954

Delta R.T. -0.001 min

Lab File: BG060314.D

Acq: 12 Jan 2024 13:41

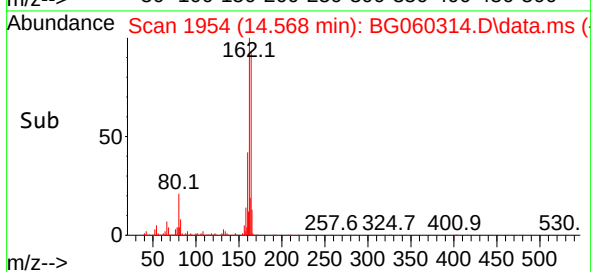
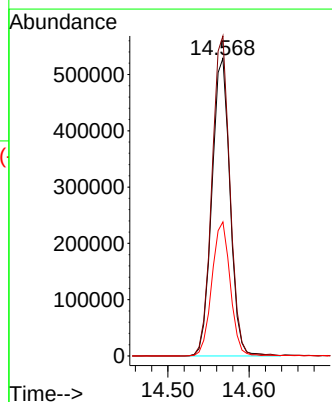
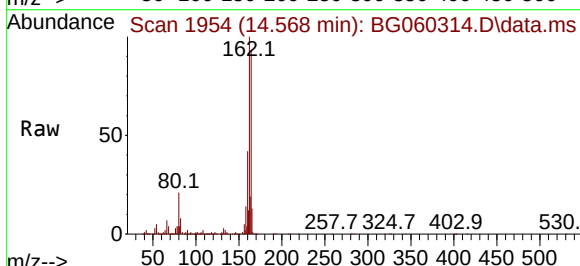
Tgt Ion:164 Resp: 817546

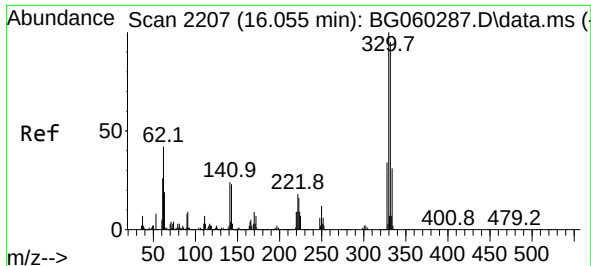
Ion Ratio Lower Upper

164 100

162 107.5 84.4 126.6

160 45.1 34.6 52.0

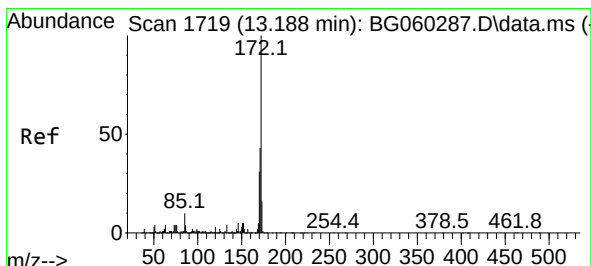
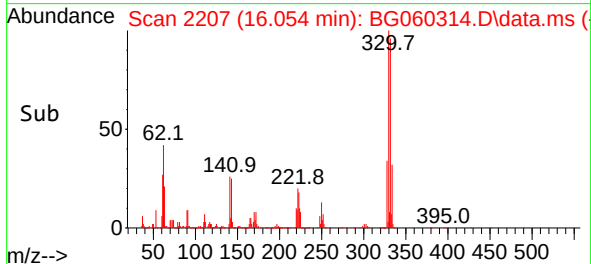
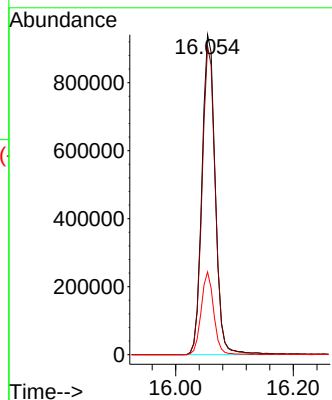
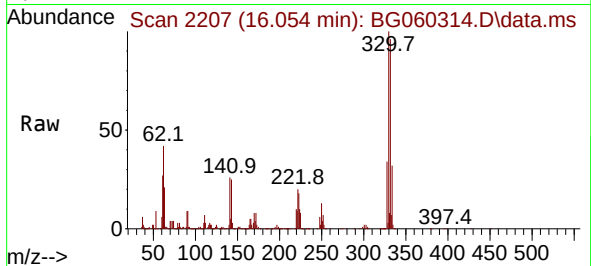




#42
2,4,6-Tribromophenol
Concen: 122.759 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

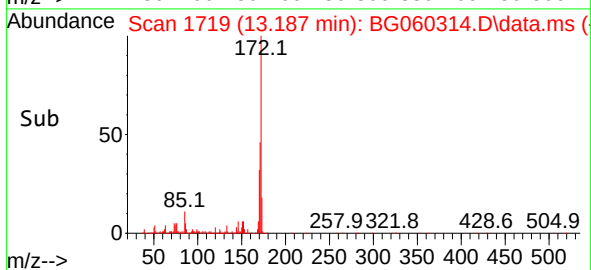
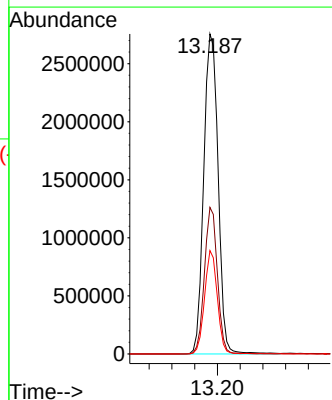
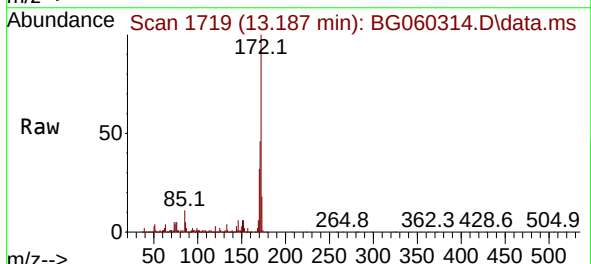
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ClientSampleId :
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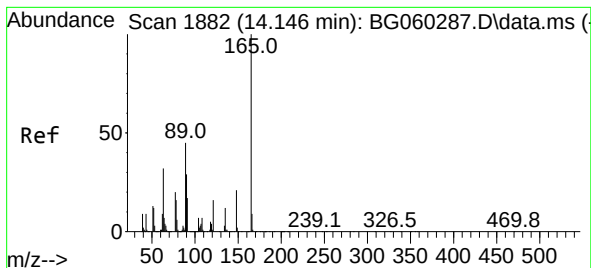
Tgt Ion:330 Resp: 1476606
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 24.4 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 82.167 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

Tgt Ion:172 Resp: 4831659
Ion Ratio Lower Upper
172 100
171 45.8 34.6 51.8
170 32.3 24.4 36.6

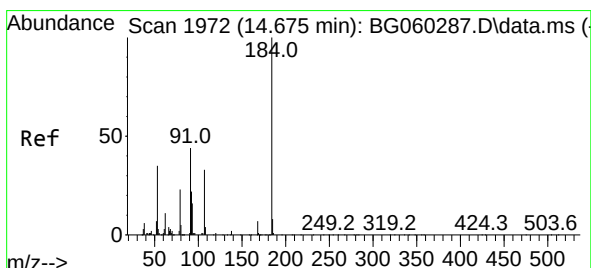
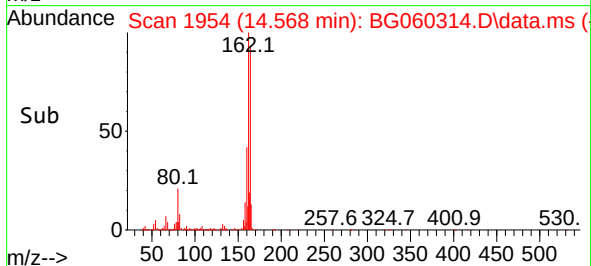
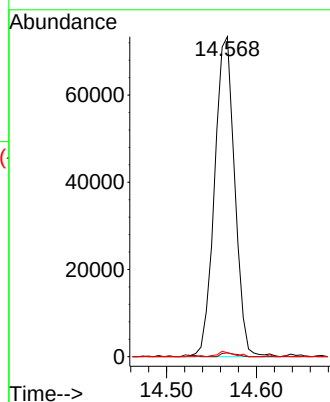
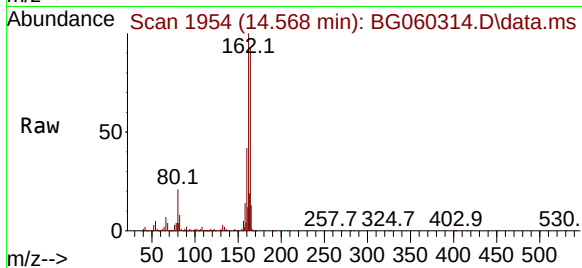




#51
2,6-Dinitrotoluene
Concen: 8.576 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.422 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

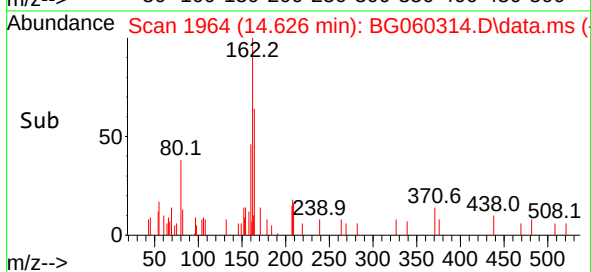
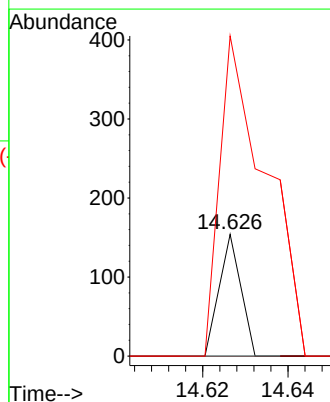
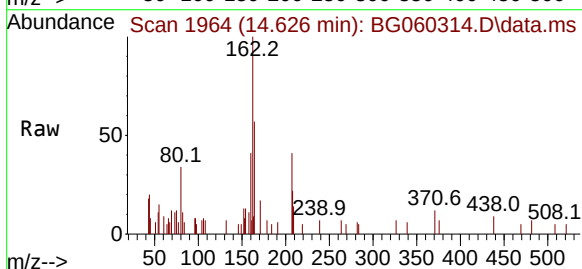
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BNA_G
ClientSampleId :
PB158404BL

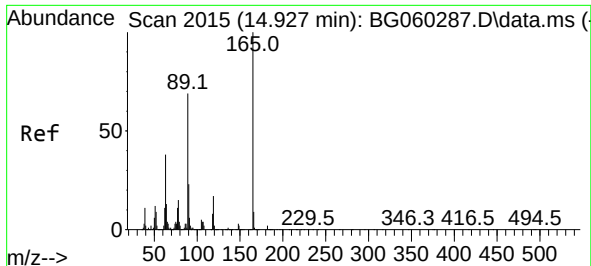
Tgt Ion:165 Resp: 114333
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.3 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.593 ng
RT: 14.626 min Scan# 1964
Delta R.T. -0.049 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 263.0 39.2 58.8#

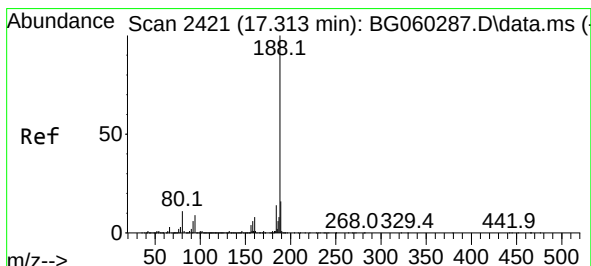
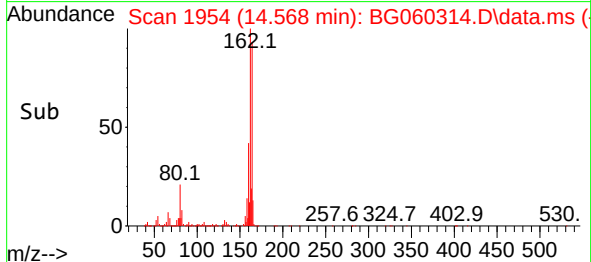
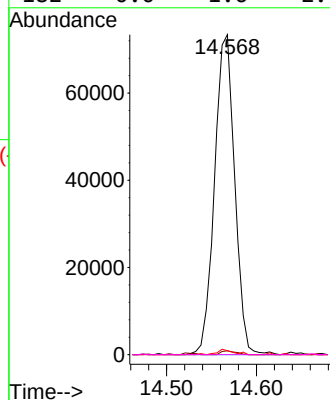
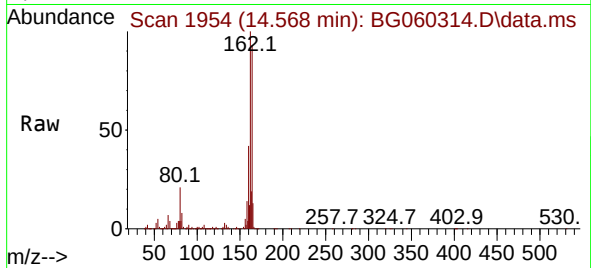




#57
2,4-Dinitrotoluene
Concen: 6.254 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.360 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

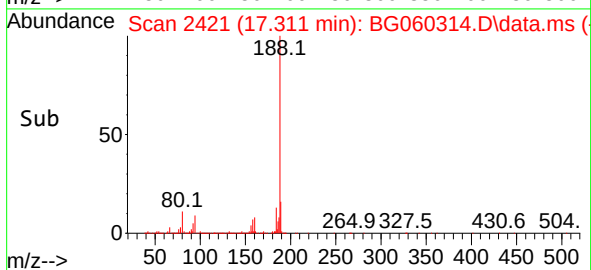
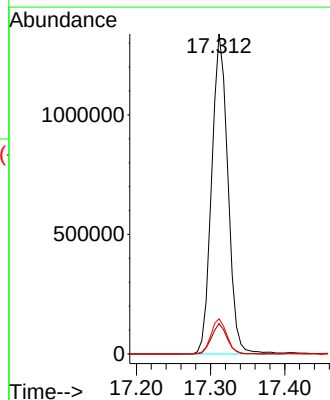
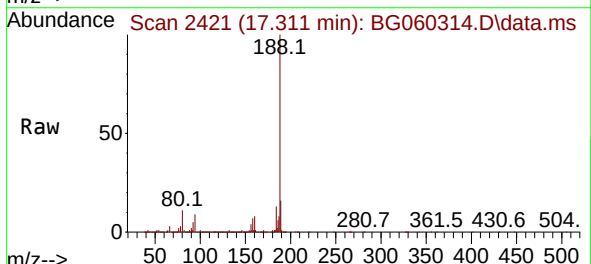
Instrument :
BNA_G
ClientSampleId :
PB158404BL

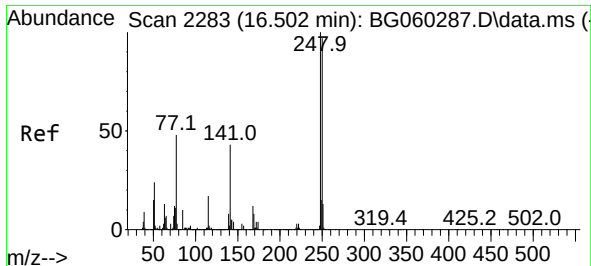
Tgt Ion:165 Resp: 114333
Ion Ratio Lower Upper
165 100
63 1.2 30.4 45.6#
89 1.3 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

Tgt Ion:188 Resp: 2034077
Ion Ratio Lower Upper
188 100
94 9.5 7.1 10.7
80 11.0 8.5 12.7

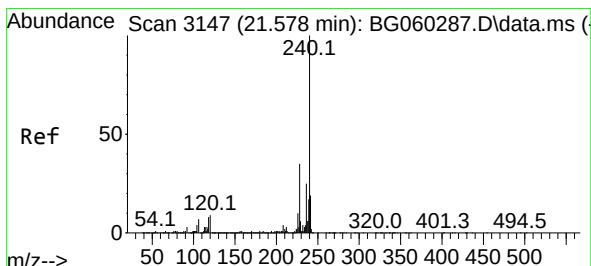
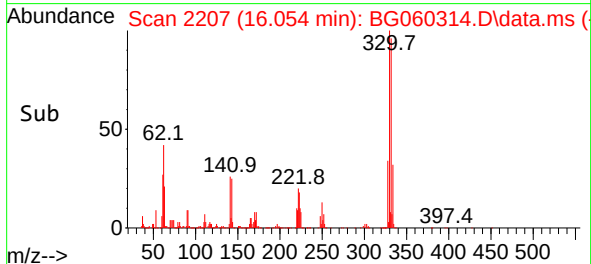
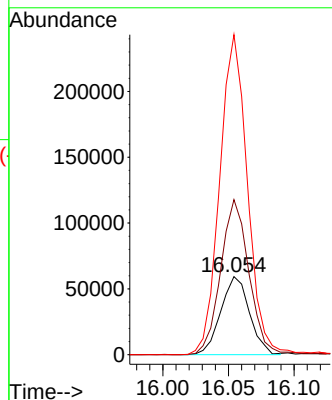
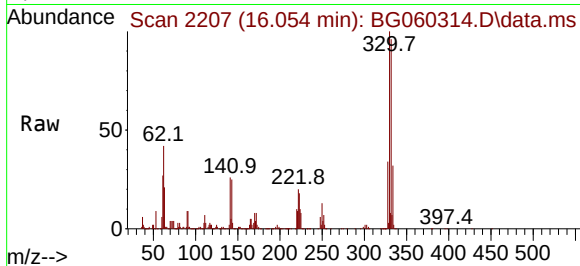




#67
4-Bromophenyl-phenylether
Concen: 4.040 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

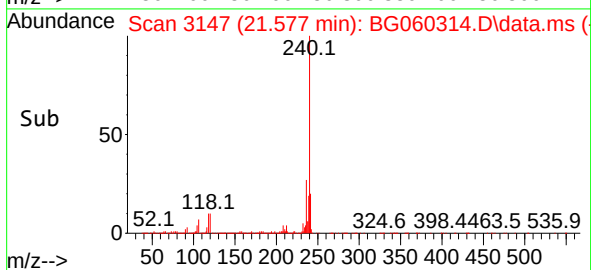
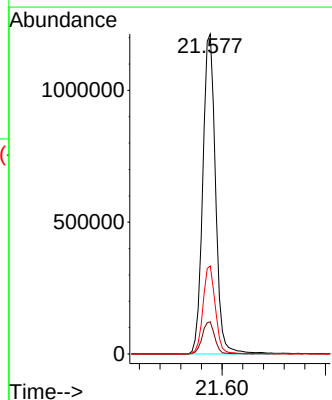
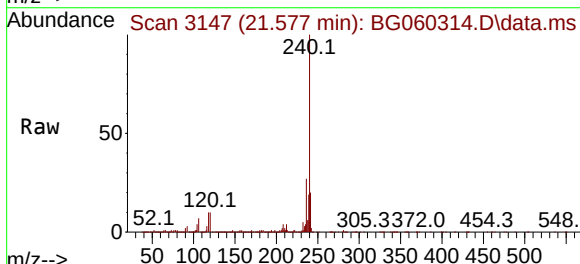
Instrument :
BNA_G
ClientSampleId :
PB158404BL

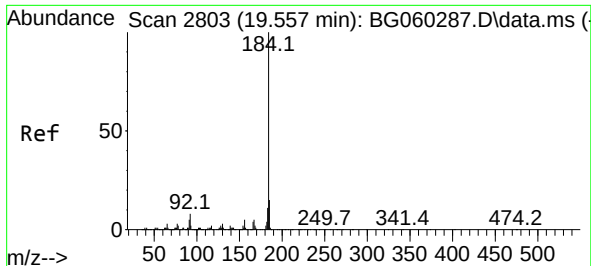
Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.5	77.6	116.4#
141	409.7	34.2	51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.3	10.9
236	27.5	20.3	30.5

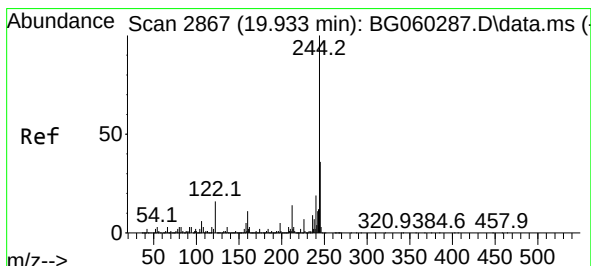
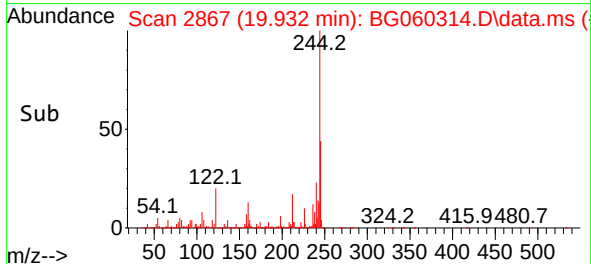
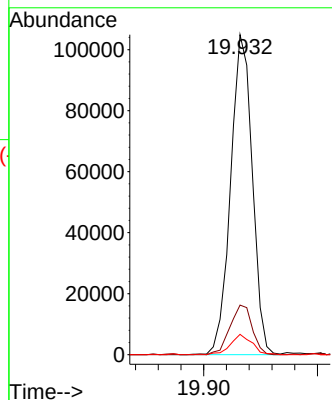
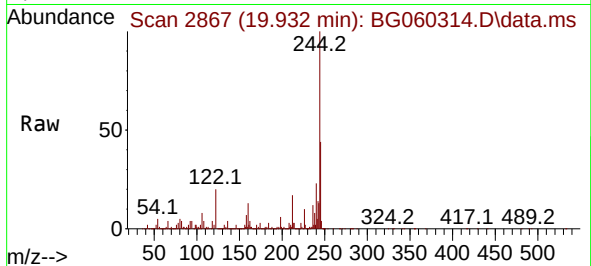




#77
Benzidine
Concen: 3.078 ng
RT: 19.932 min Scan# 2867
Delta R.T. 0.375 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

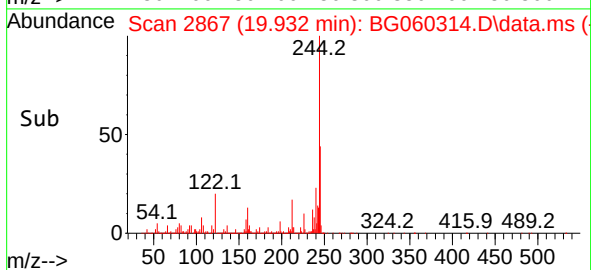
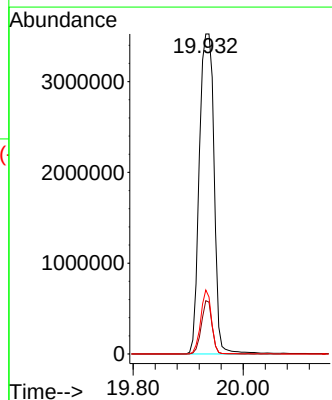
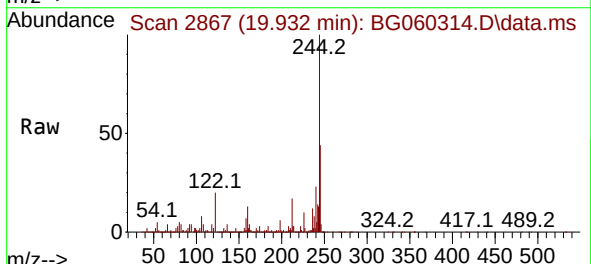
Instrument :
BNA_G
ClientSampleId :
PB158404BL

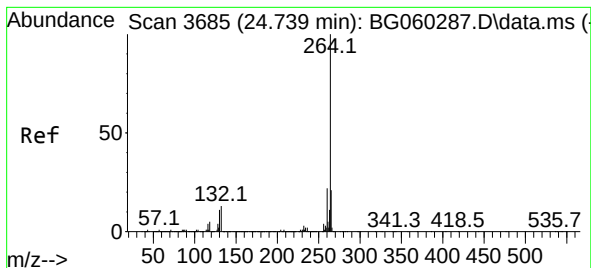
Tgt Ion:184 Resp: 138983
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.4
183 6.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 76.412 ng
RT: 19.932 min Scan# 2867
Delta R.T. -0.001 min
Lab File: BG060314.D
Acq: 12 Jan 2024 13:41

Tgt Ion:244 Resp: 6540176
Ion Ratio Lower Upper
244 100
212 16.6 10.9 16.3#
122 20.0 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: BG060314.D

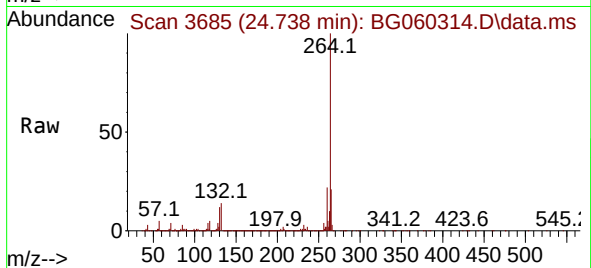
Acq: 12 Jan 2024 13:41

Instrument :

BNA_G

ClientSampleId :

PB158404BL



Tgt Ion:264 Resp: 2339065

Ion Ratio Lower Upper

264 100

260 22.5 17.8 26.6

265 21.4 16.8 25.2

