

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
 Data File : BG060334.D
 Acq On : 16 Jan 2024 13:31
 Operator : MA/JU
 Sample : PB158460BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158460BL

Quant Time: Jan 16 14:12:35 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)

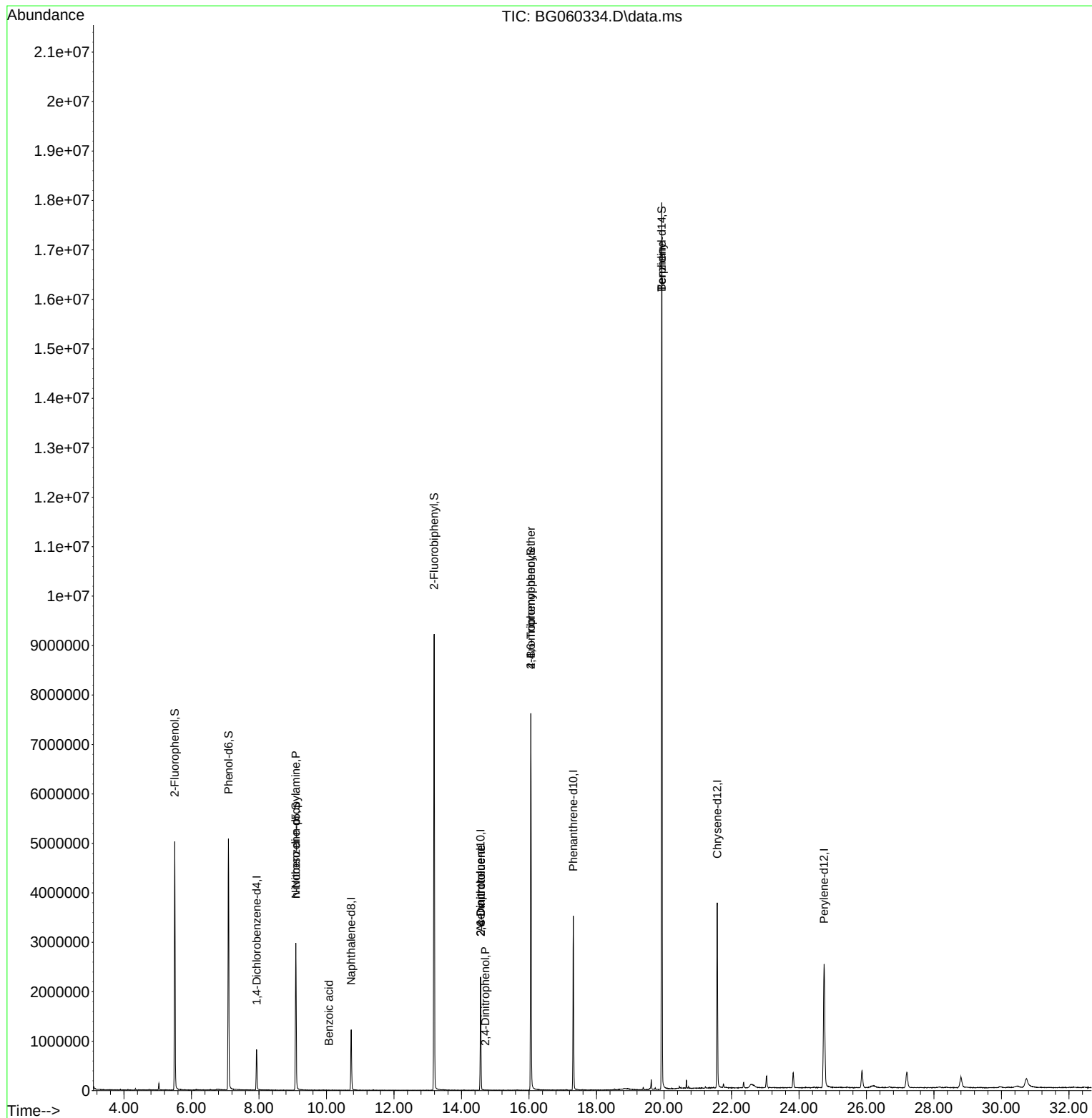
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	266637	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1095450	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	841320	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	2298918	20.000	ng	0.00
76) Chrysene-d12	21.579	240	2357791	20.000	ng	0.00
86) Perylene-d12	24.740	264	2604645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	2365912	145.944	ng	0.00
7) Phenol-d6	7.096	99	3330412	138.740	ng	0.00
23) Nitrobenzene-d5	9.093	82	2030943	87.545	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1664931	134.505	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4927376	81.427	ng	0.00
79) Terphenyl-d14	19.934	244	6945726	69.324	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	242565	14.600	ng	# 86
32) Benzoic acid	10.075	122	111	10.209	ng	# 1
51) 2,6-Dinitrotoluene	14.569	165	115018	8.384	ng	# 33
54) 2,4-Dinitrophenol	14.704	184	251	8.614	ng	# 27
57) 2,4-Dinitrotoluene	14.569	165	115018	6.114	ng	# 25
67) 4-Bromophenyl-phenylether	16.056	248	107382	4.251	ng	# 1
77) Benzidine	19.934	184	162069	3.164	ng	# 92

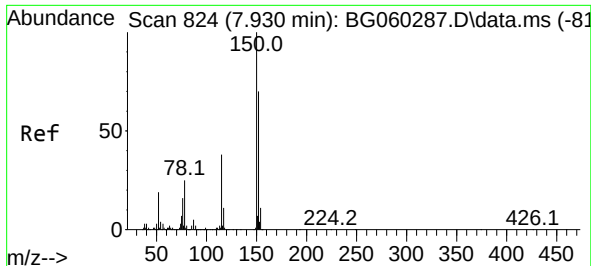
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
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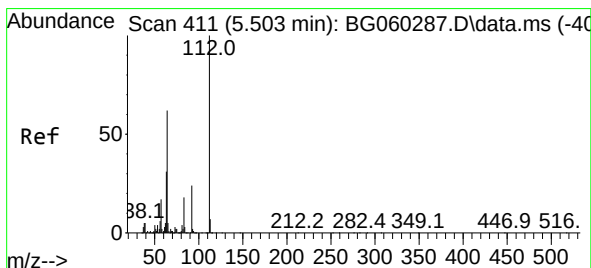
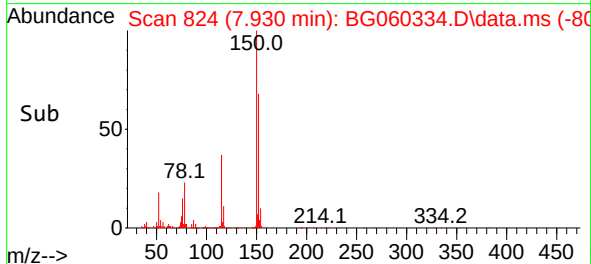
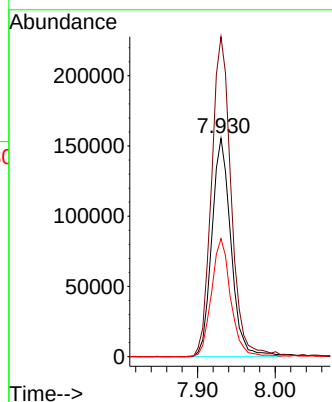
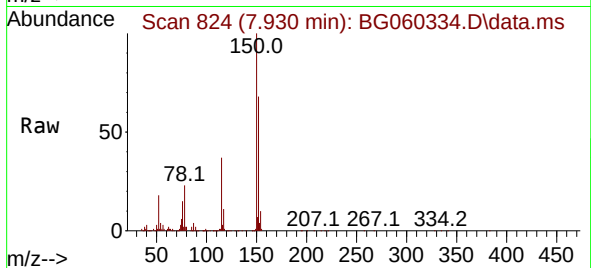




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

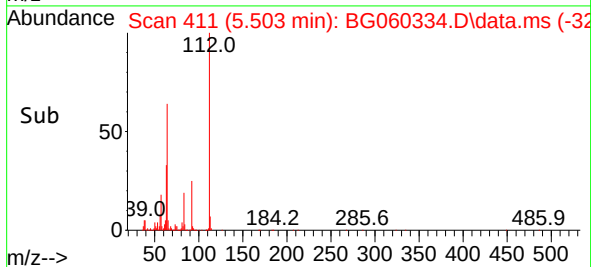
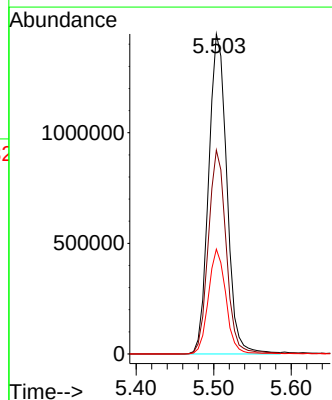
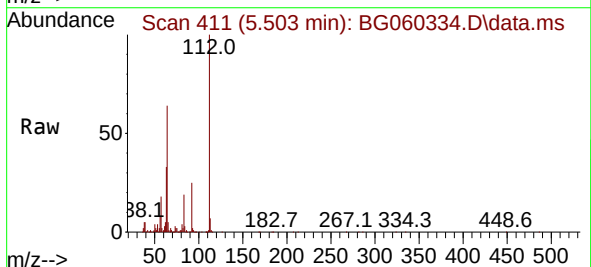
Instrument :
BNA_G
ClientSampleId :
PB158460BL

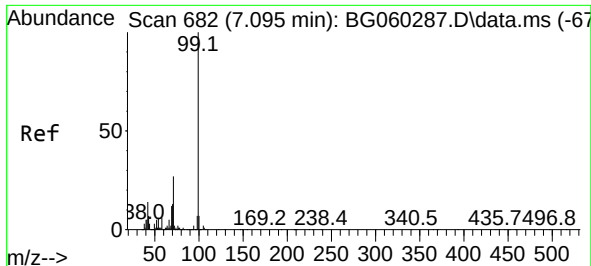
Tgt Ion:152 Resp: 266637
Ion Ratio Lower Upper
152 100
150 146.6 114.5 171.7
115 54.1 43.0 64.6



#5
2-Fluorophenol
Concen: 145.944 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:112 Resp: 2365912
Ion Ratio Lower Upper
112 100
64 63.7 49.8 74.6
63 32.7 24.4 36.6

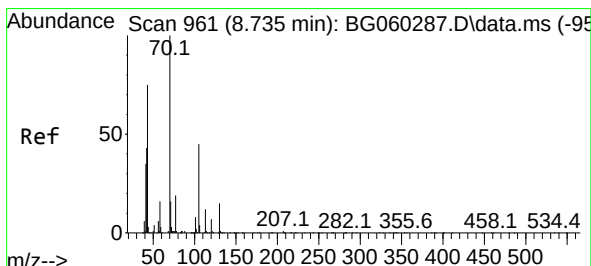
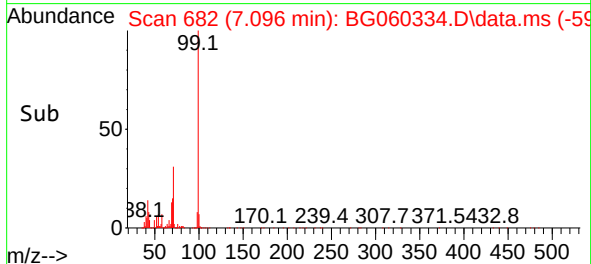
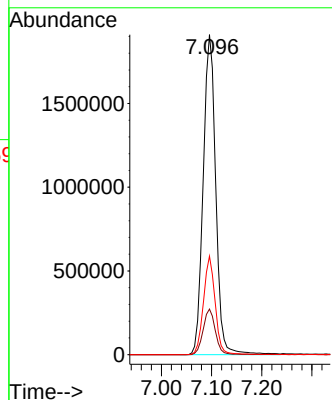
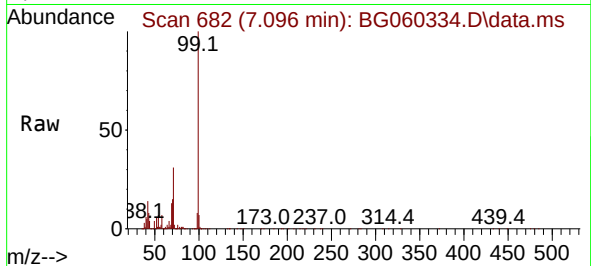




#7
Phenol-d6
Concen: 138.740 ng
RT: 7.096 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

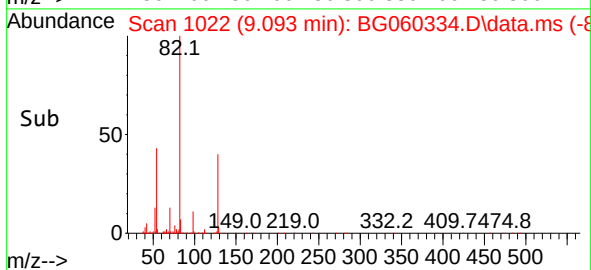
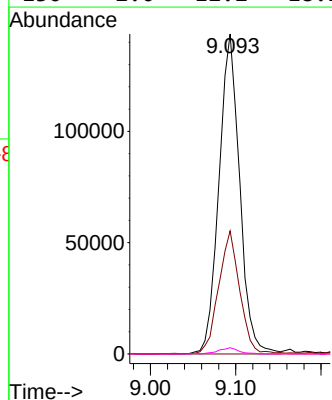
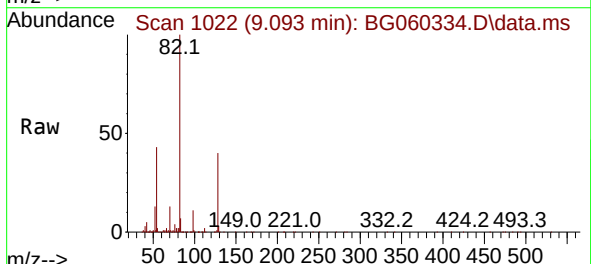
Instrument :
BNA_G
ClientSampleId :
PB158460BL

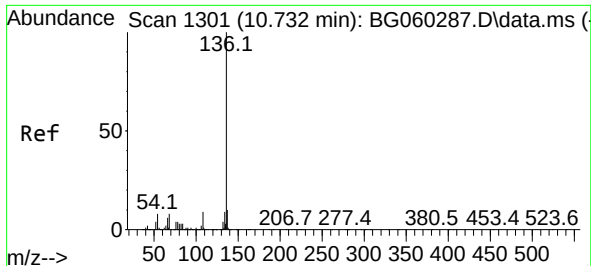
Tgt Ion: 99 Resp: 3330412
Ion Ratio Lower Upper
99 100
42 14.2 10.9 16.3
71 30.8 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.600 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.359 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion: 70 Resp: 242565
Ion Ratio Lower Upper
70 100
42 38.4 34.3 51.5
101 0.0 6.2 9.2#
130 2.0 12.2 18.2#

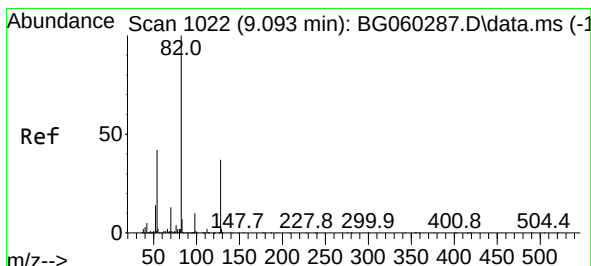
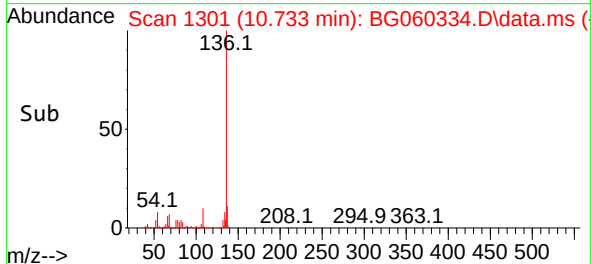
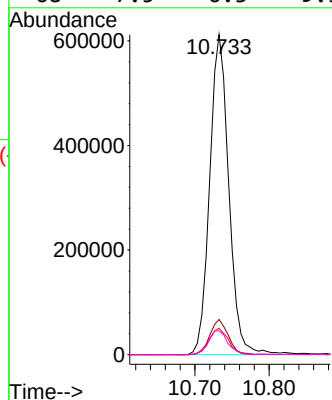
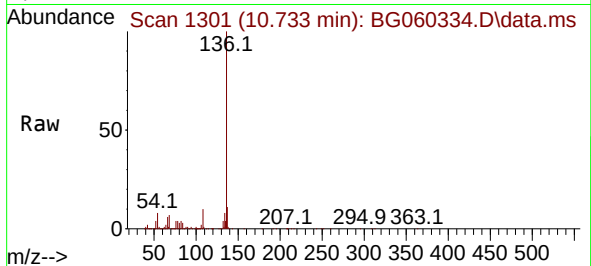




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

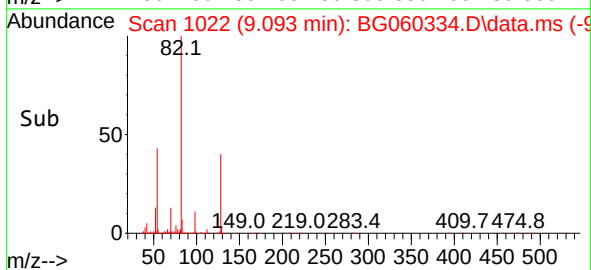
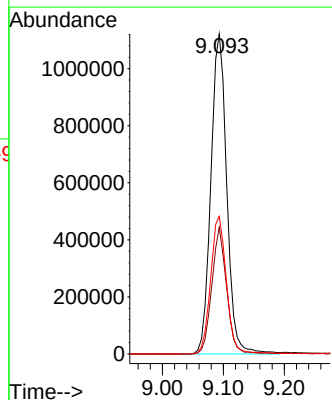
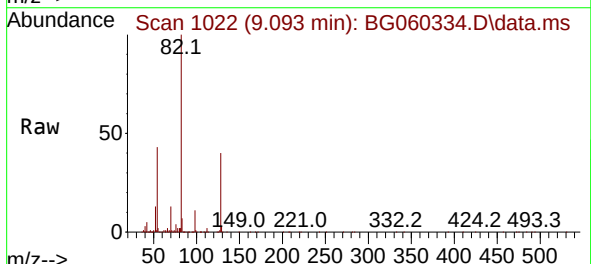
Instrument :
BNA_G
ClientSampleId :
PB158460BL

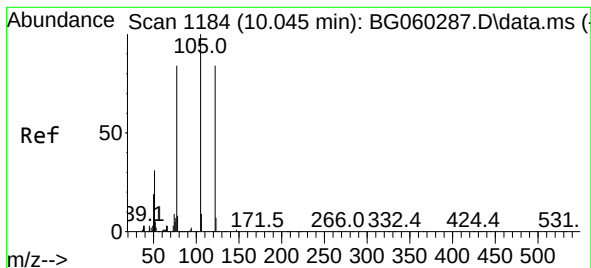
Tgt Ion:136 Resp: 1095450
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.2 6.2 9.2
68 7.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 87.545 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion: 82 Resp: 2030943
Ion Ratio Lower Upper
82 100
128 39.6 29.6 44.4
54 43.0 33.6 50.4





#32

Benzoic acid

Concen: 10.209 ng

RT: 10.075 min Scan# 11

Delta R.T. 0.030 min

Lab File: BG060334.D

Acq: 16 Jan 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB158460BL

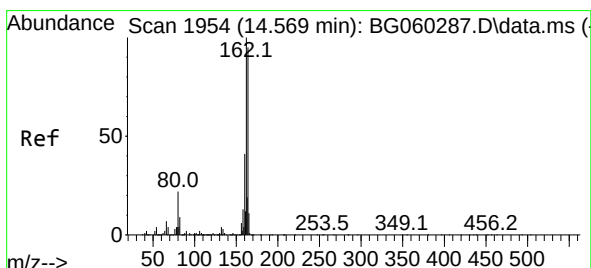
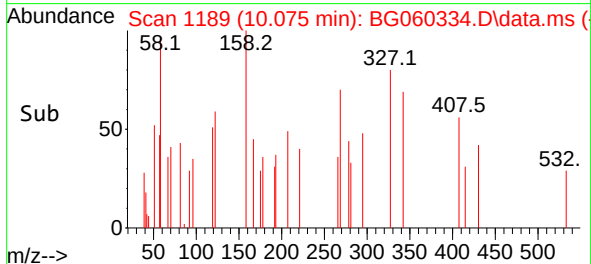
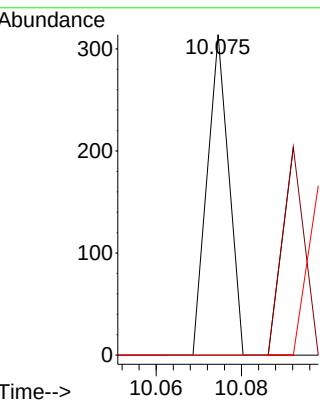
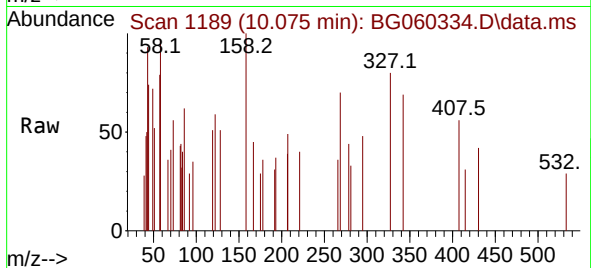
Tgt Ion:122 Resp: 111

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: 14.563 min Scan# 1953

Delta R.T. -0.005 min

Lab File: BG060334.D

Acq: 16 Jan 2024 13:31

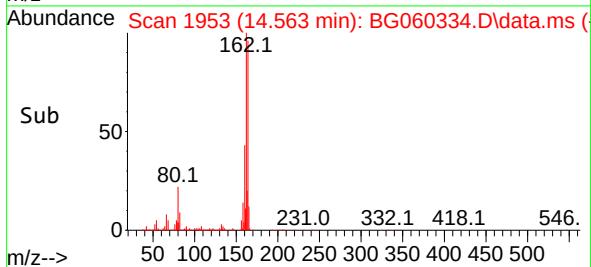
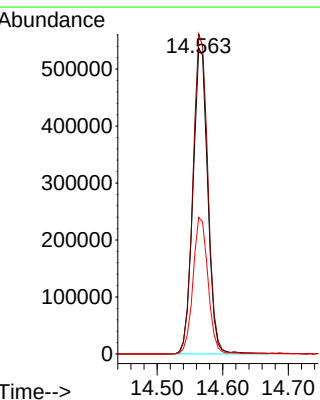
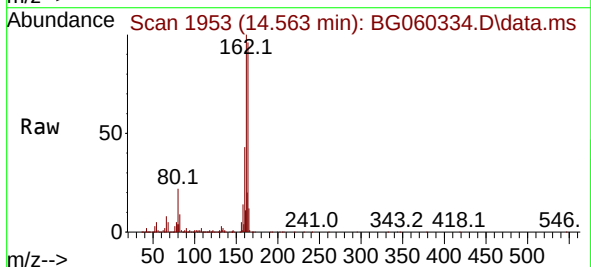
Tgt Ion:164 Resp: 841320

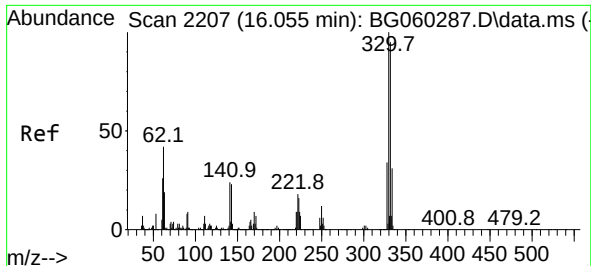
Ion Ratio Lower Upper

164 100

162 104.6 84.4 126.6

160 44.7 34.6 52.0

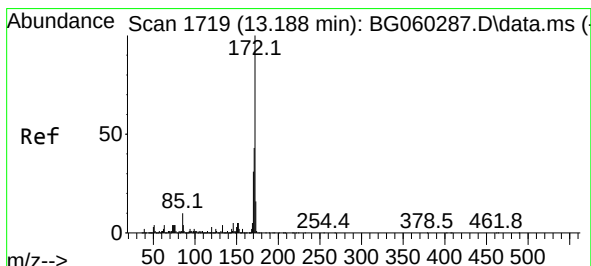
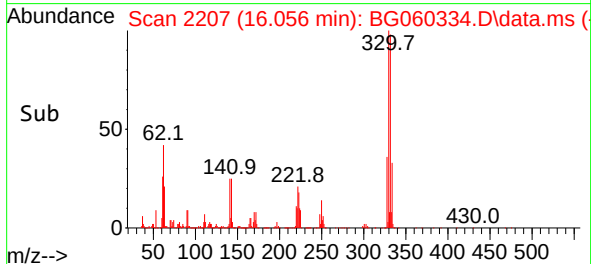
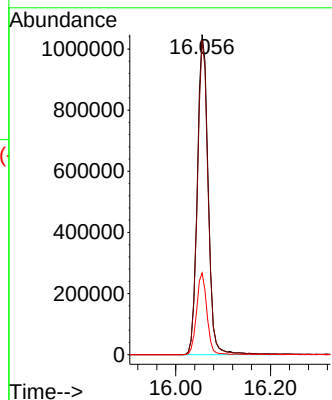
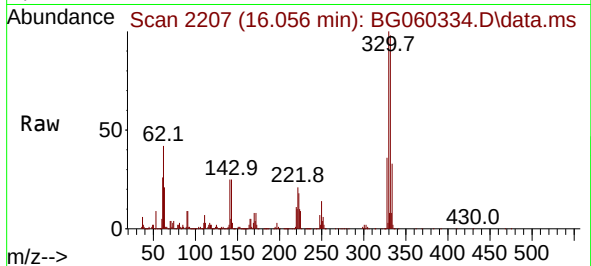




#42
2,4,6-Tribromophenol
Concen: 134.505 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

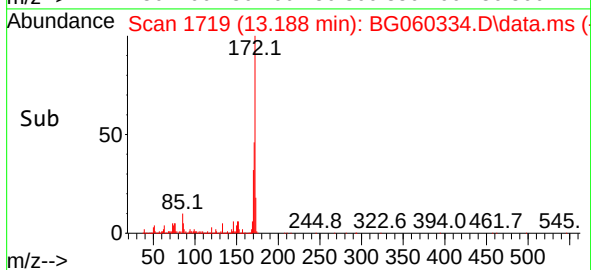
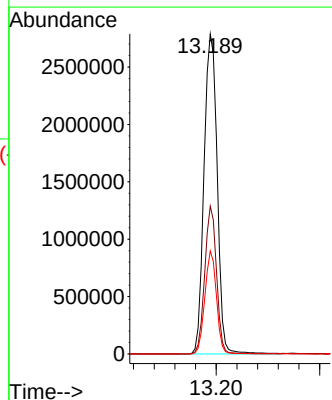
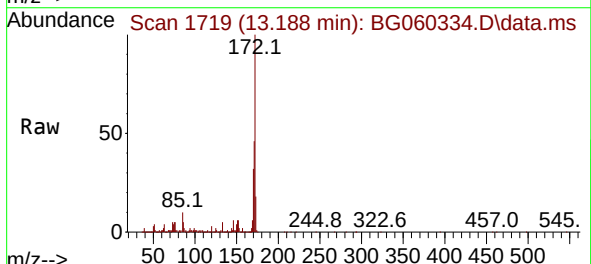
Instrument :
BNA_G
ClientSampleId :
PB158460BL

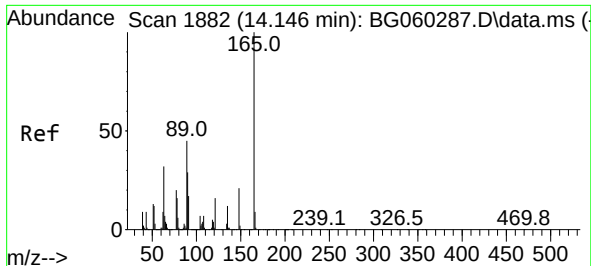
Tgt Ion:330 Resp: 1664931
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 24.2 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 81.427 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:172 Resp: 4927376
Ion Ratio Lower Upper
172 100
171 46.2 34.6 51.8
170 32.2 24.4 36.6

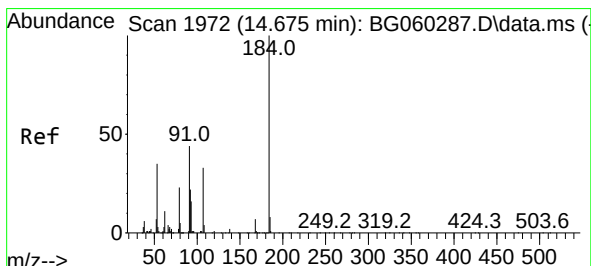
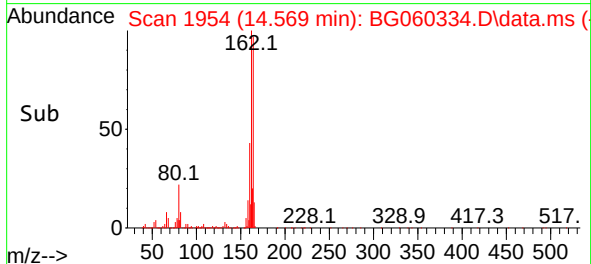
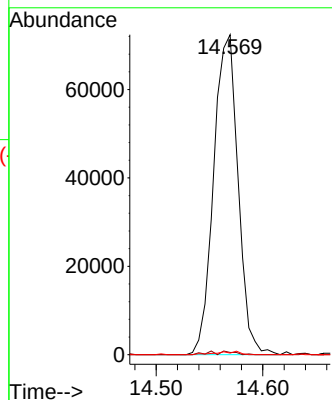
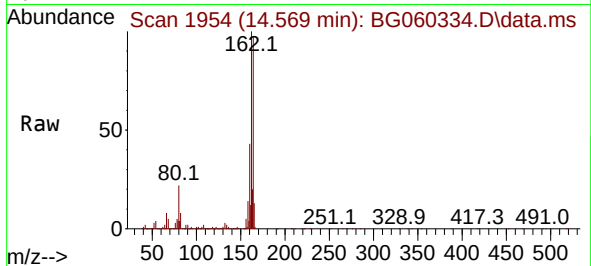




#51
2,6-Dinitrotoluene
Concen: 8.384 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.423 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

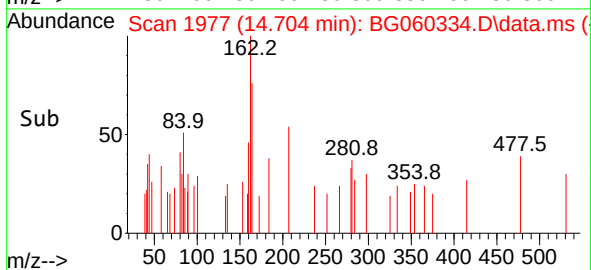
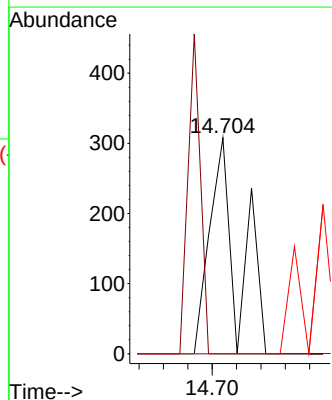
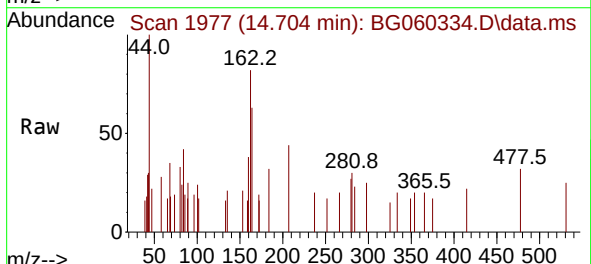
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ClientSampleId :
PB158460BL

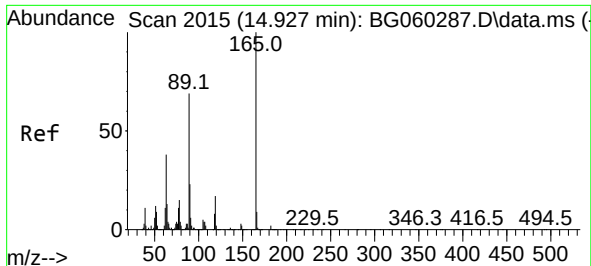
Tgt Ion:165 Resp: 115018
Ion Ratio Lower Upper
165 100
63 0.7 35.0 52.4#
89 0.5 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.614 ng
RT: 14.704 min Scan# 1977
Delta R.T. 0.029 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

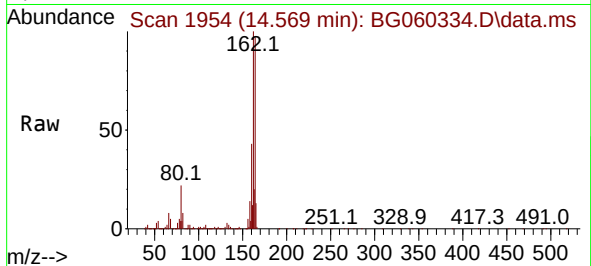
Tgt Ion:184 Resp: 251
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#



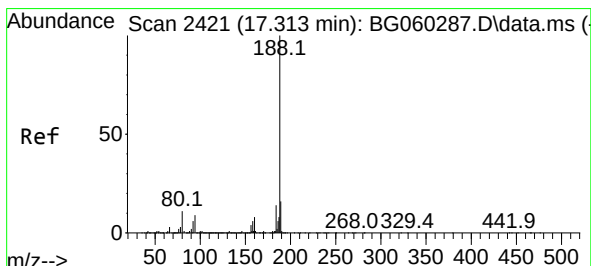
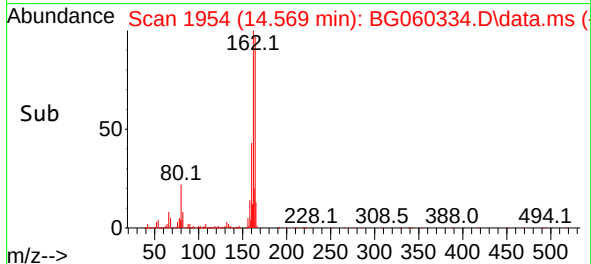
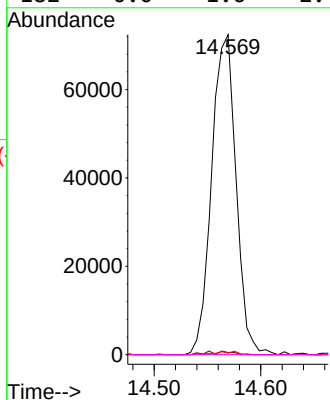


#57
2,4-Dinitrotoluene
Concen: 6.114 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.358 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB158460BL

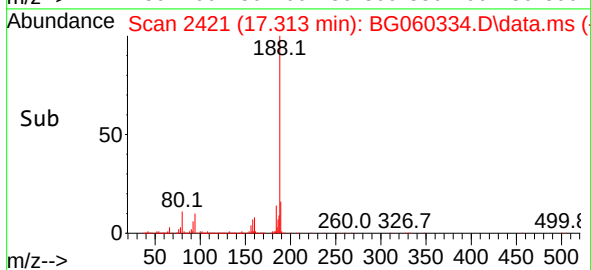
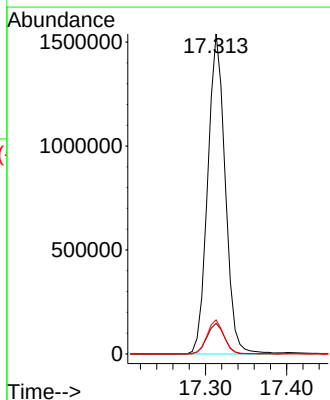
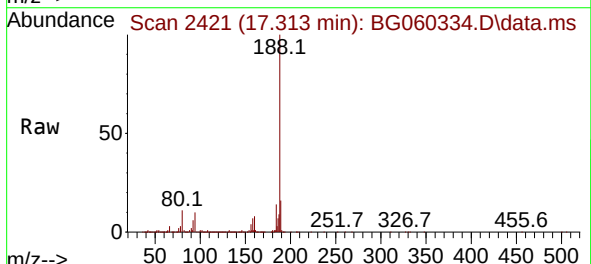


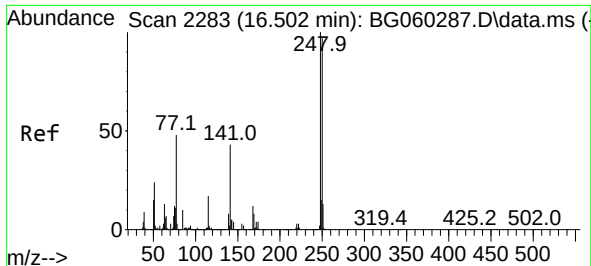
Tgt Ion:165 Resp: 115018
Ion Ratio Lower Upper
165 100
63 0.7 30.4 45.6#
89 0.5 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:188 Resp: 2298918
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.6 8.5 12.7

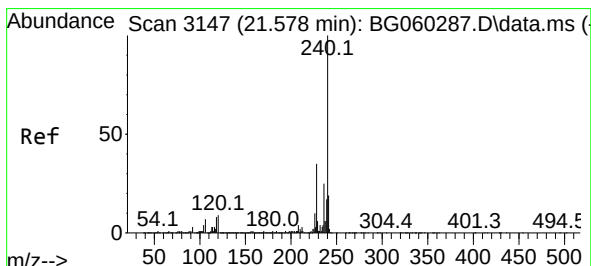
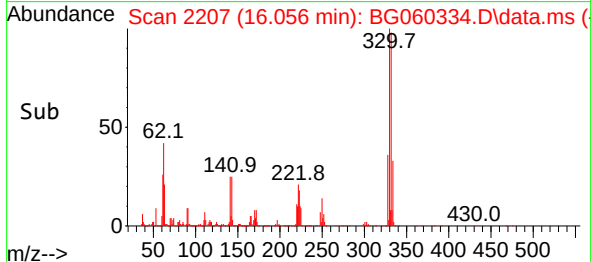
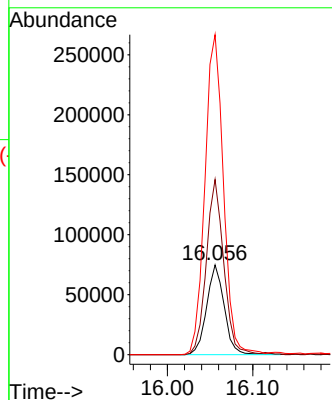
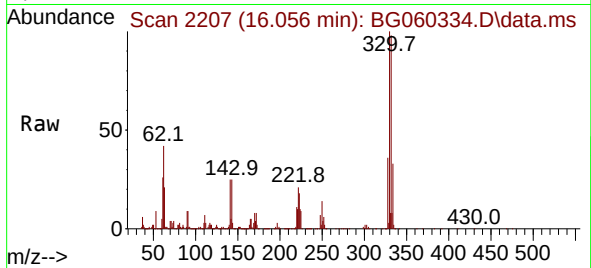




#67
4-Bromophenyl-phenylether
Concen: 4.251 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

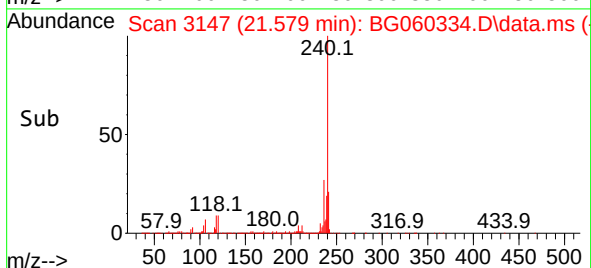
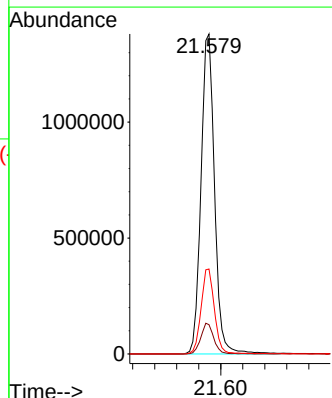
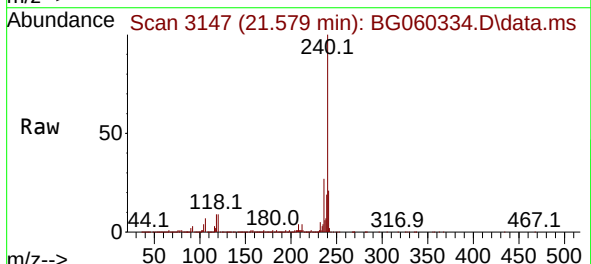
Instrument :
BNA_G
ClientSampleId :
PB158460BL

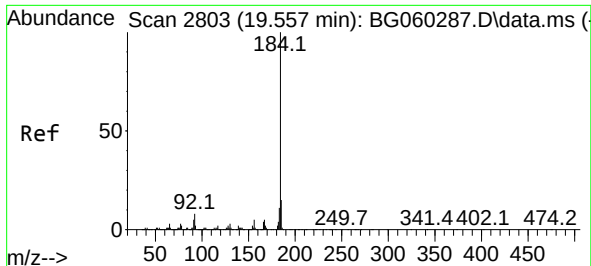
Tgt Ion:248 Resp: 107382
Ion Ratio Lower Upper
248 100
250 195.3 77.6 116.4#
141 356.6 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.579 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:240 Resp: 2357791
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.5 20.3 30.5

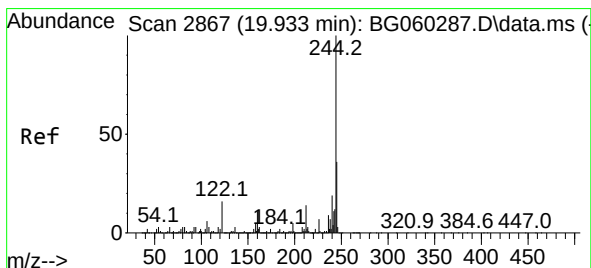
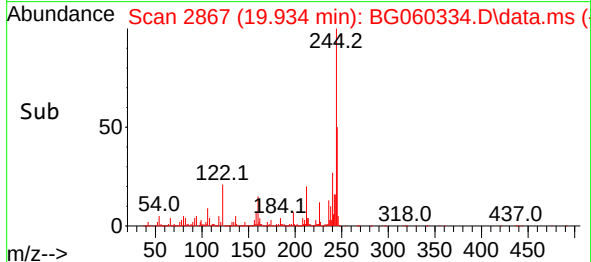
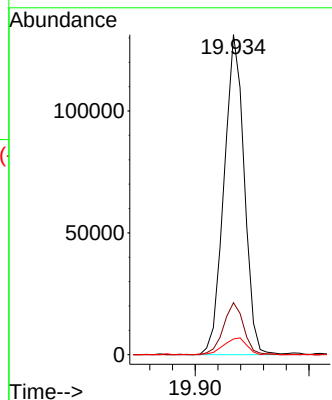
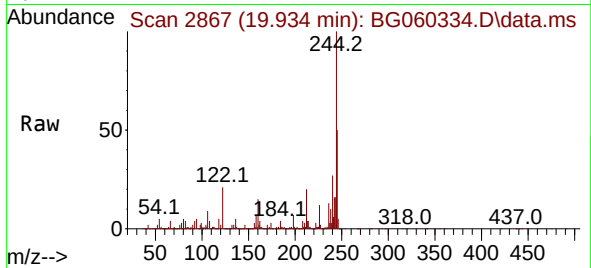




#77
Benzidine
Concen: 3.164 ng
RT: 19.934 min Scan# 2803
Delta R.T. 0.376 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

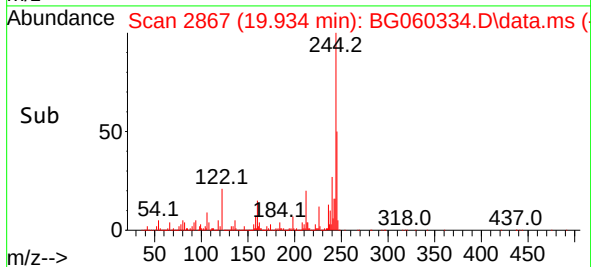
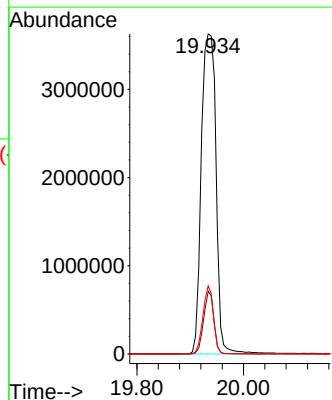
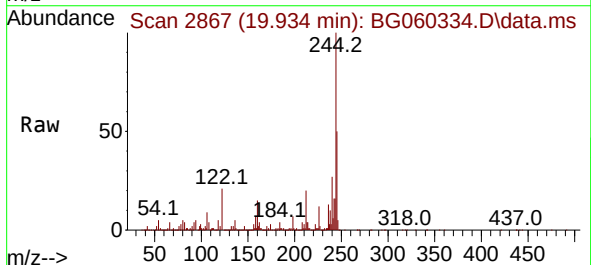
Instrument :
BNA_G
ClientSampleId :
PB158460BL

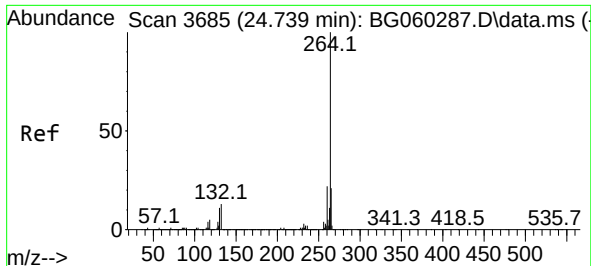
Tgt Ion:184 Resp: 162069
Ion Ratio Lower Upper
184 100
185 16.3 12.2 18.4
183 4.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 69.324 ng
RT: 19.934 min Scan# 2867
Delta R.T. 0.001 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Tgt Ion:244 Resp: 6945726
Ion Ratio Lower Upper
244 100
212 19.6 10.9 16.3#
122 21.3 12.6 18.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.740 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG060334.D
Acq: 16 Jan 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB158460BL

Tgt Ion:264 Resp: 2604645

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.8	26.6
265	21.6	16.8	25.2

