

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060267.D
 Acq On : 5 Jan 2024 12:32
 Operator : MA/JU
 Sample : PB158174BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 13:36:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

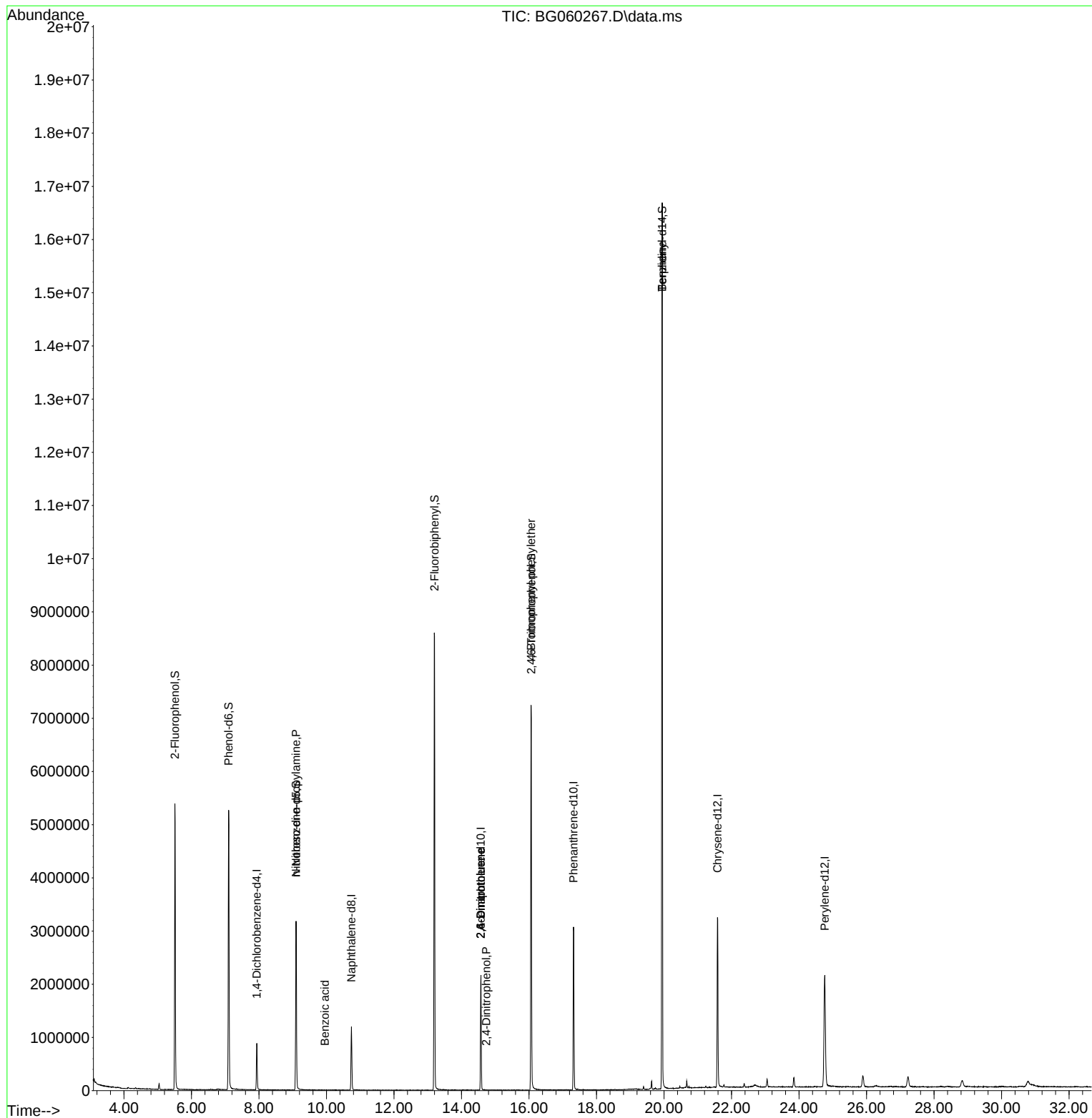
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	274933	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	1063792	20.000	ng	0.00
39) Acenaphthene-d10	14.573	164	783557	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	2133081	20.000	ng	0.00
76) Chrysene-d12	21.583	240	2059590	20.000	ng	0.00
86) Perylene-d12	24.761	264	2259021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	2467572	135.466	ng	0.00
7) Phenol-d6	7.100	99	3496366	129.276	ng	0.00
23) Nitrobenzene-d5	9.097	82	2157678	93.687	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1594482	152.019	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	4622343	84.784	ng	0.00
79) Terphenyl-d14	19.943	244	6630620	61.893	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.097	70	272114	14.728	ng	# 82
32) Benzoic acid	9.949	122	67	10.275	ng	# 23
51) 2,6-Dinitrotoluene	14.567	165	105359	8.373	ng	# 29
54) 2,4-Dinitrophenol	14.732	184	62	8.244	ng	# 19
57) 2,4-Dinitrotoluene	14.567	165	105359	6.158	ng	# 26
67) 4-Bromophenyl-phenylether	16.060	248	99397	4.395	ng	# 1
77) Benzidine	19.943	184	150957	2.648	ng	# 90

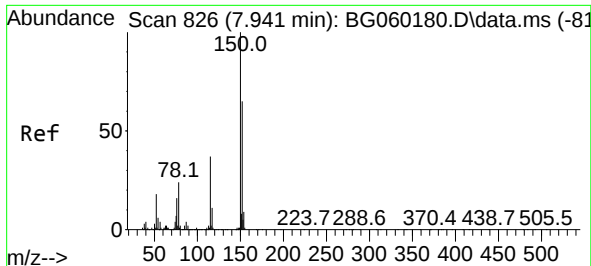
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
Data File : BG060267.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

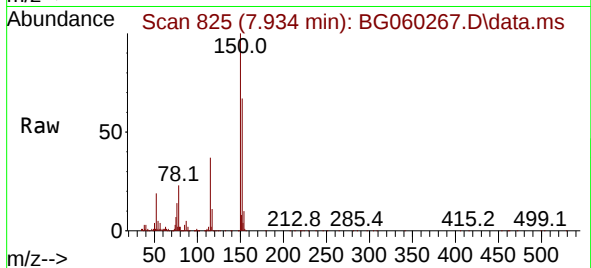
Quant Time: Jan 05 13:36:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration



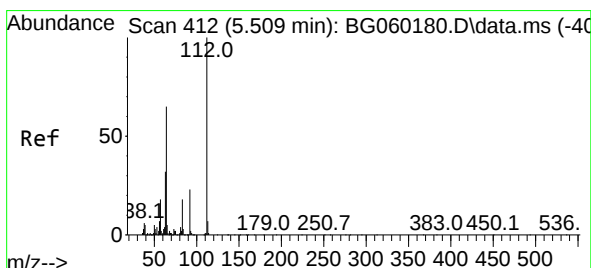
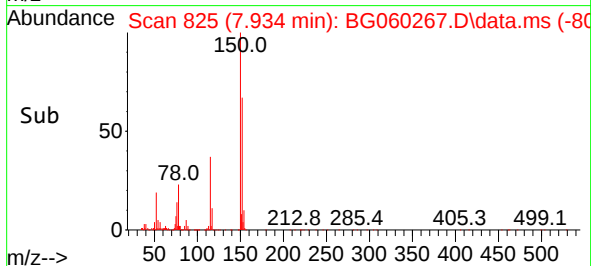
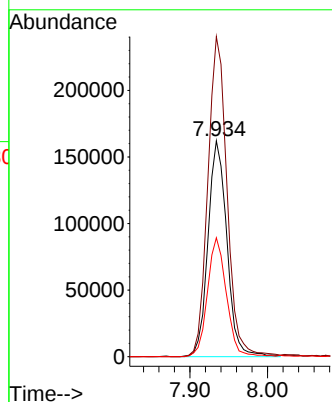


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Instrument :
BNA_G
ClientSampleId :

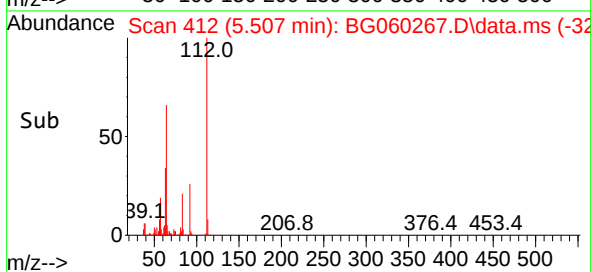
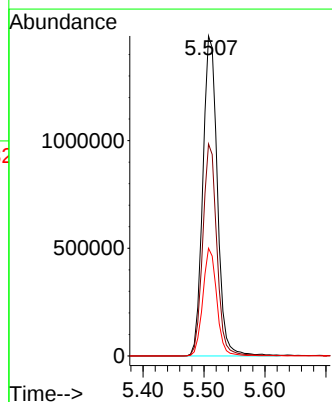
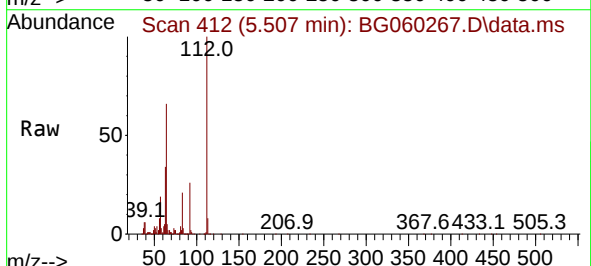


Tgt Ion:152 Resp: 274933
Ion Ratio Lower Upper
152 100
150 148.3 123.4 185.0
115 55.1 45.4 68.0



#5
2-Fluorophenol
Concen: 135.466 ng
RT: 5.507 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Tgt Ion:112 Resp: 2467572
Ion Ratio Lower Upper
112 100
64 66.2 52.2 78.4
63 33.6 25.4 38.0

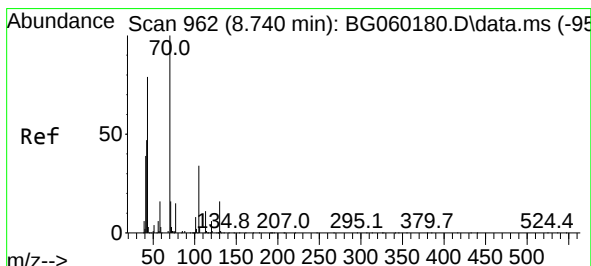
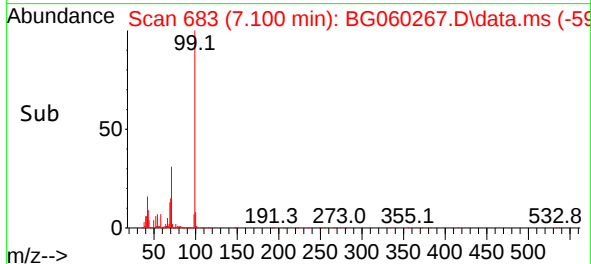
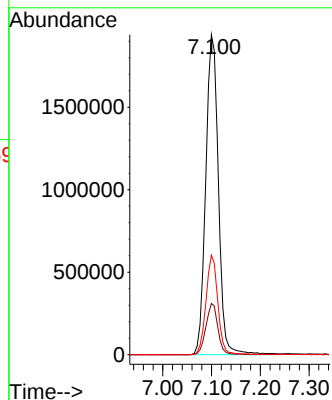
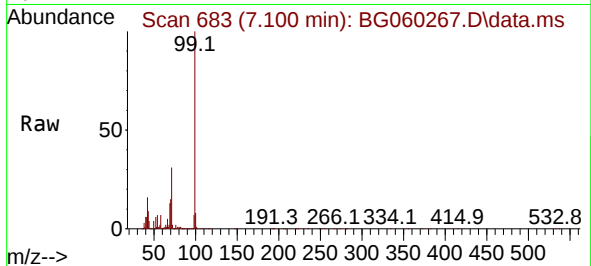




#7
Phenol-d6
Concen: 129.276 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

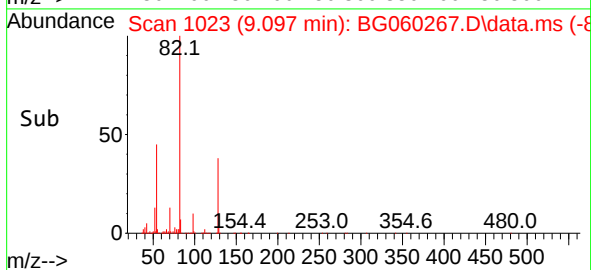
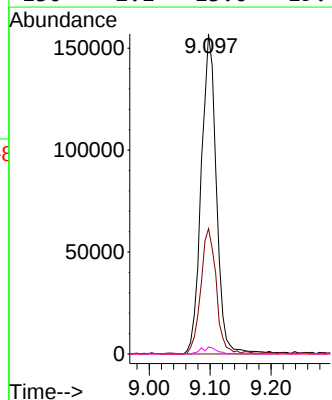
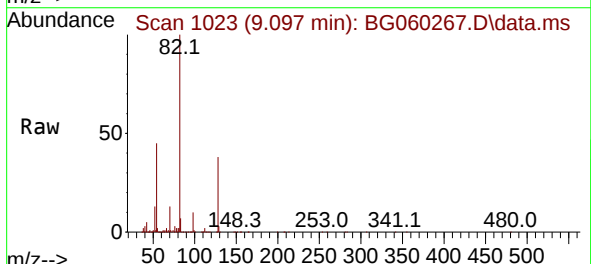
Instrument :
BNA_G
ClientSampleId :

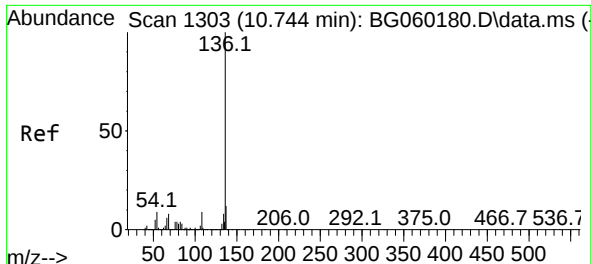
Tgt Ion: 99 Resp: 3496366
Ion Ratio Lower Upper
99 100
42 16.0 12.5 18.7
71 31.1 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.728 ng
RT: 9.097 min Scan# 1023
Delta R.T. 0.357 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

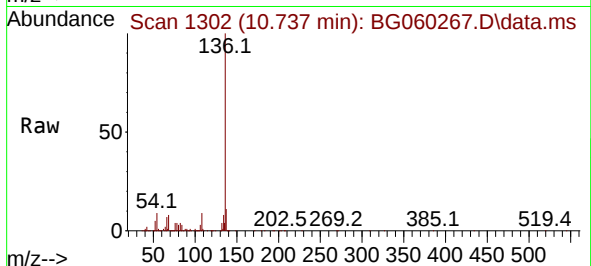
Tgt Ion: 70 Resp: 272114
Ion Ratio Lower Upper
70 100
42 39.1 37.9 56.9
101 0.0 6.2 9.2#
130 2.1 13.0 19.4#



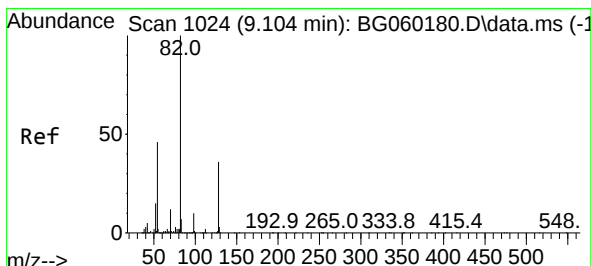
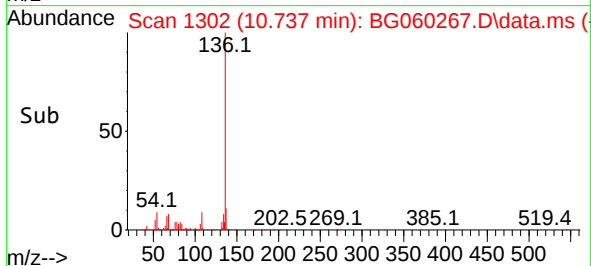
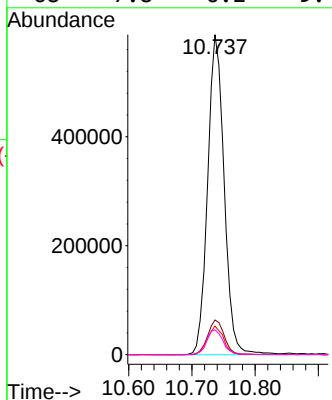


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Instrument :
BNA_G
ClientSampleId :

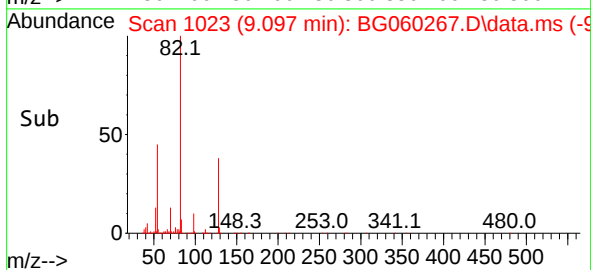
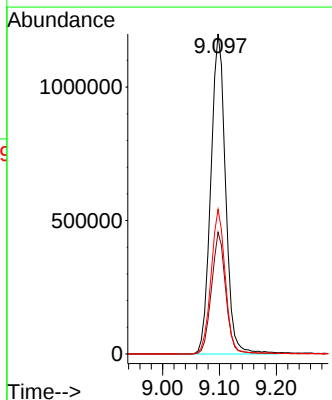
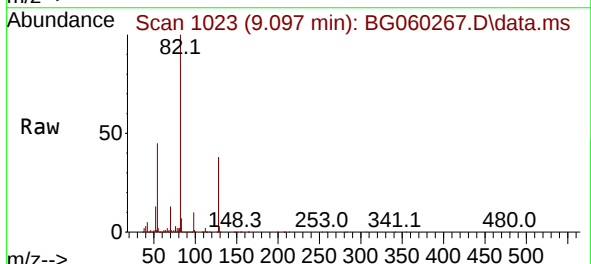


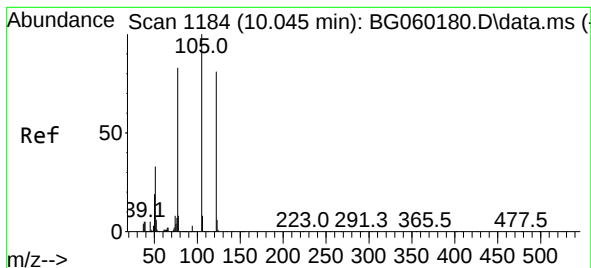
Tgt Ion:136 Resp: 1063792
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 9.0 7.4 11.2
68 7.8 6.2 9.4



#23
Nitrobenzene-d5
Concen: 93.687 ng
RT: 9.097 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Tgt Ion: 82 Resp: 2157678
Ion Ratio Lower Upper
82 100
128 38.1 28.7 43.1
54 45.2 36.9 55.3

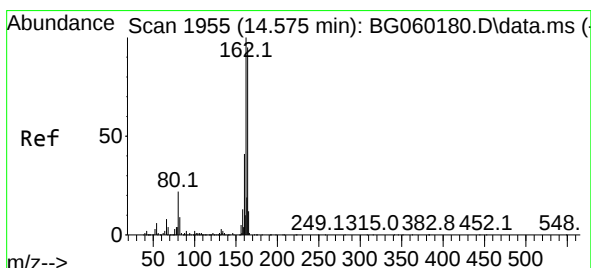
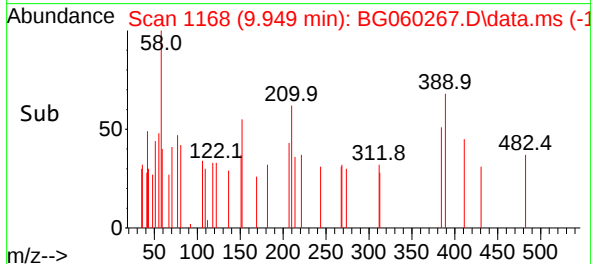
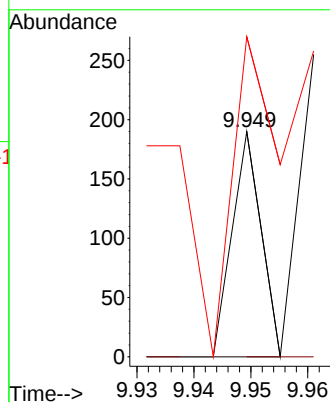
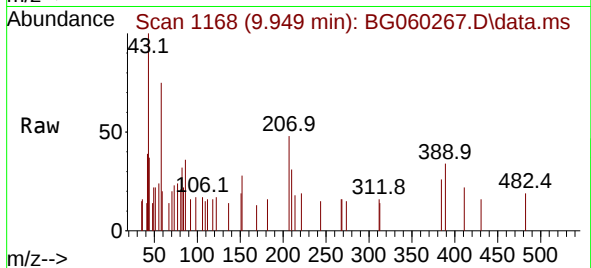




#32
Benzoic acid
Concen: 10.275 ng
RT: 9.949 min Scan# 1184
Delta R.T. -0.096 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

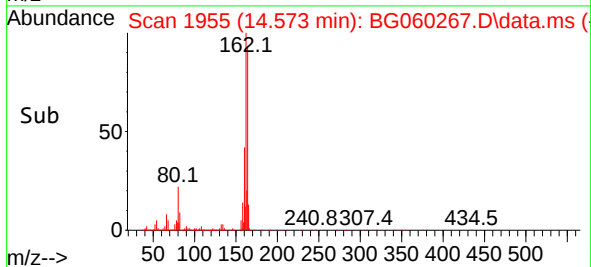
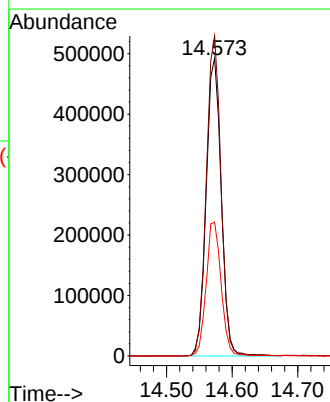
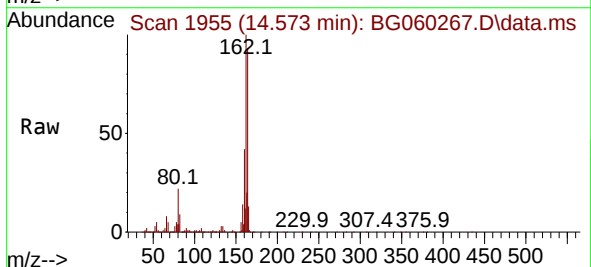
Instrument :
BNA_G
ClientSampleId :

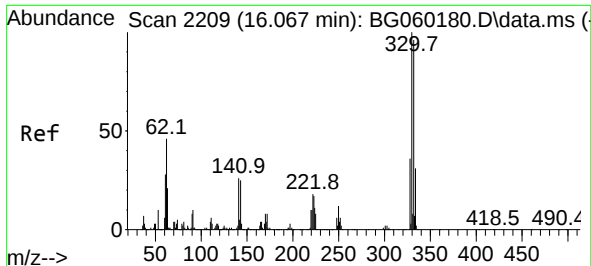
Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 142.1 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.573 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

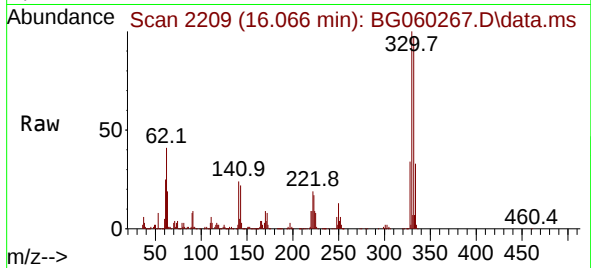
Tgt Ion:164 Resp: 783557
Ion Ratio Lower Upper
164 100
162 107.4 83.9 125.9
160 44.9 34.2 51.4



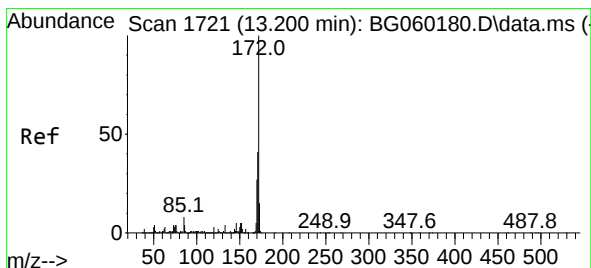
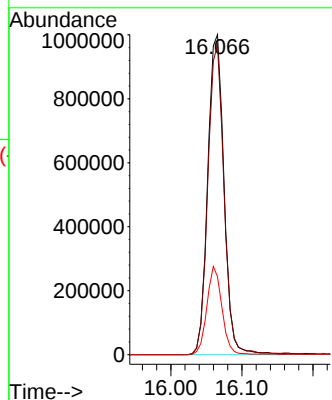
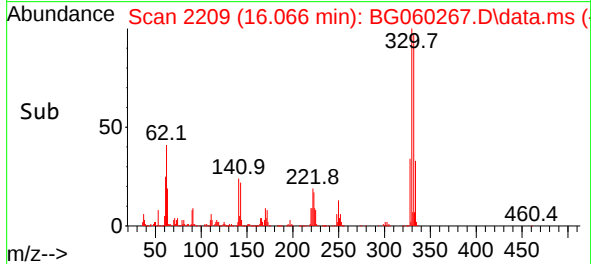


#42
2,4,6-Tribromophenol
Concen: 152.019 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

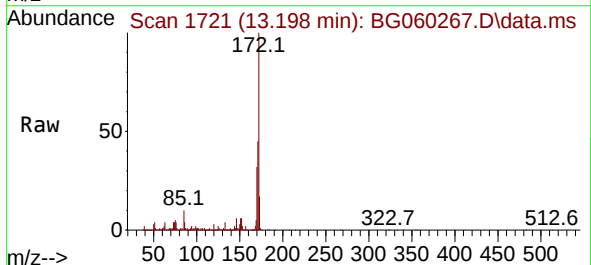
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BNA_G
ClientSampleId :



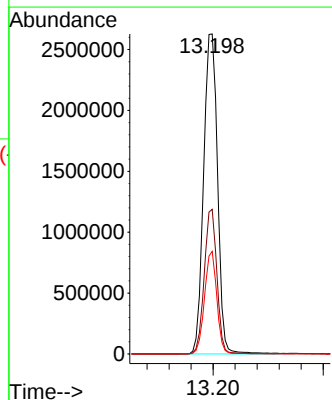
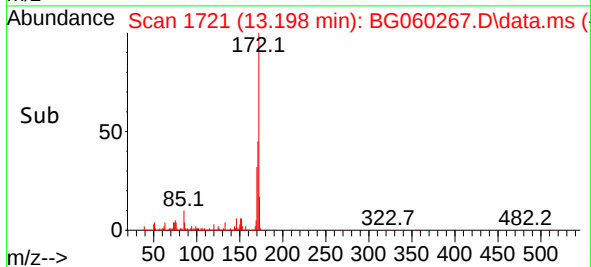
Tgt Ion:330 Resp: 1594482
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 25.6 21.0 31.4

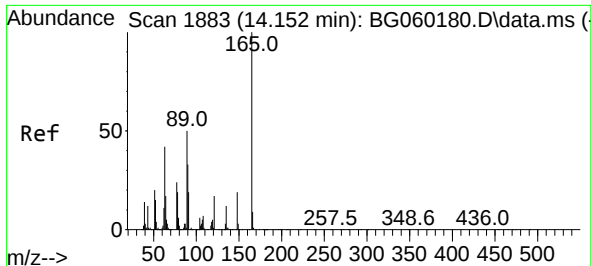


#45
2-Fluorobiphenyl
Concen: 84.784 ng
RT: 13.198 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32



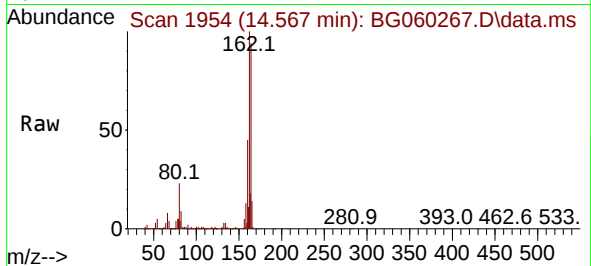
Tgt Ion:172 Resp: 4622343
Ion Ratio Lower Upper
172 100
171 45.2 32.6 48.8
170 32.0 21.8 32.6



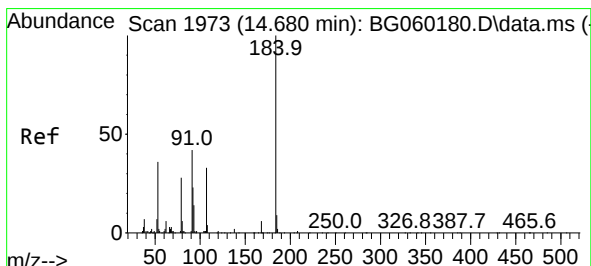
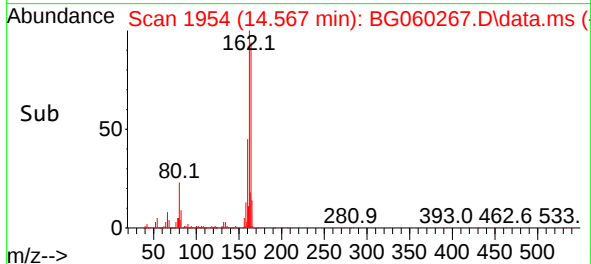
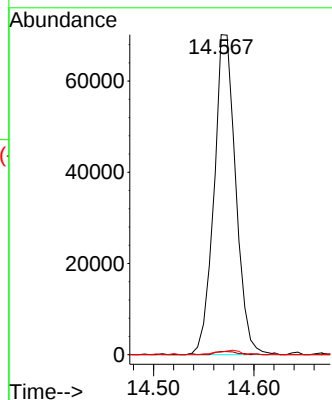


#51
2,6-Dinitrotoluene
Concen: 8.373 ng
RT: 14.567 min Scan# 1954
Delta R.T. 0.416 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Instrument :
BNA_G
ClientSampleId :

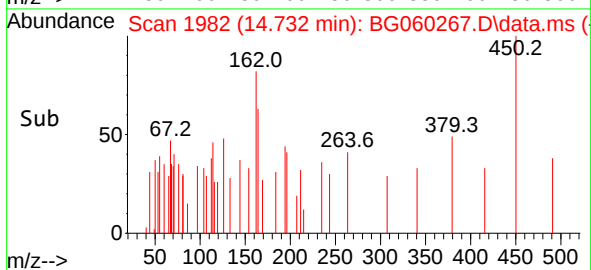
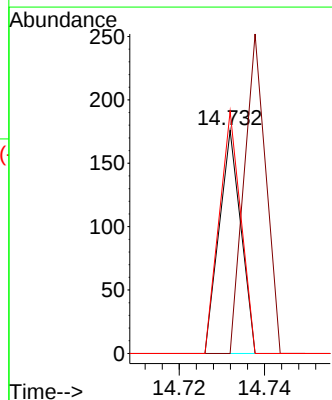
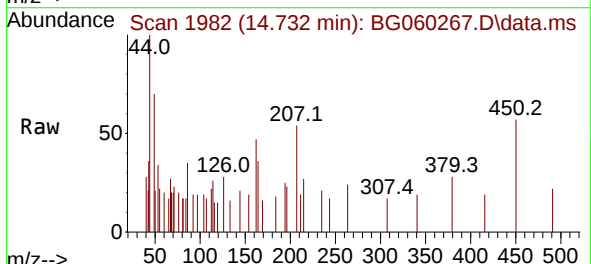


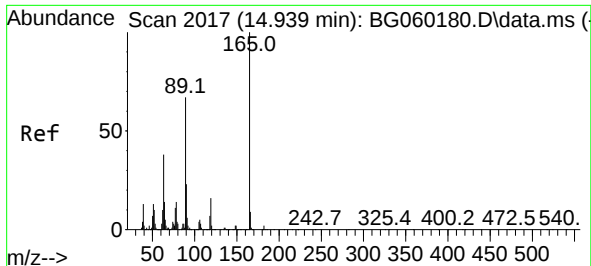
Tgt Ion:165 Resp: 105359
Ion Ratio Lower Upper
165 100
63 1.0 39.3 58.9#
89 0.8 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.244 ng
RT: 14.732 min Scan# 1982
Delta R.T. 0.052 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 108.5 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.158 ng

RT: 14.567 min Scan# 1954

Delta R.T. -0.371 min

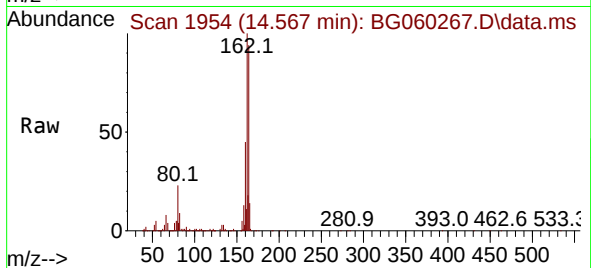
Lab File: BG060267.D

Acq: 5 Jan 2024 12:32

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 105359

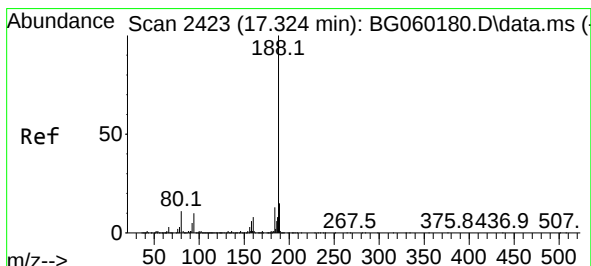
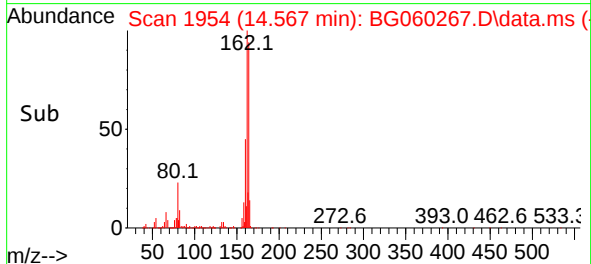
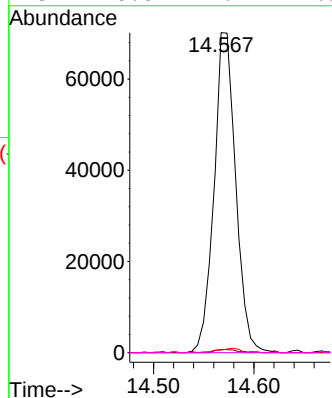
Ion Ratio Lower Upper

165 100

63 1.0 31.0 46.6#

89 0.8 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 2422

Delta R.T. -0.007 min

Lab File: BG060267.D

Acq: 5 Jan 2024 12:32

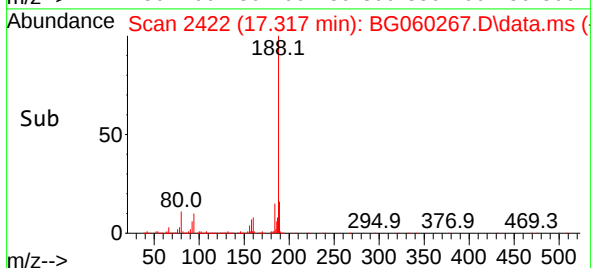
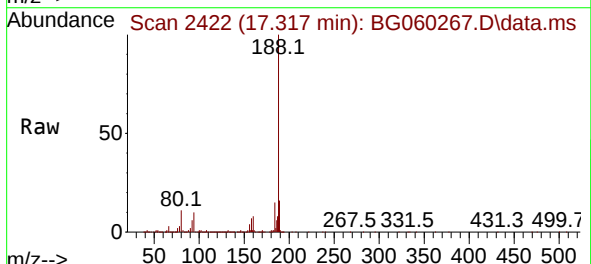
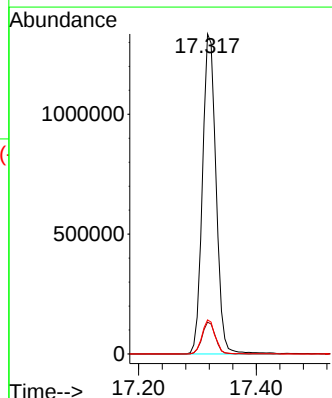
Tgt Ion:188 Resp: 2133081

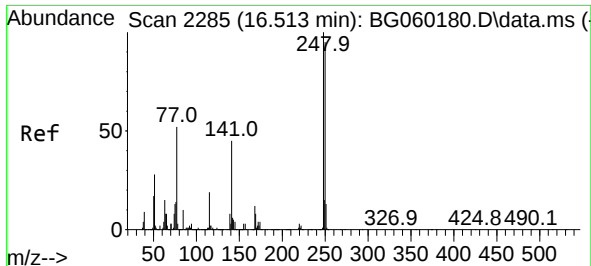
Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

80 10.6 8.6 13.0

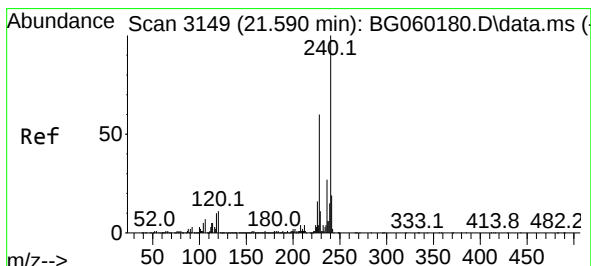
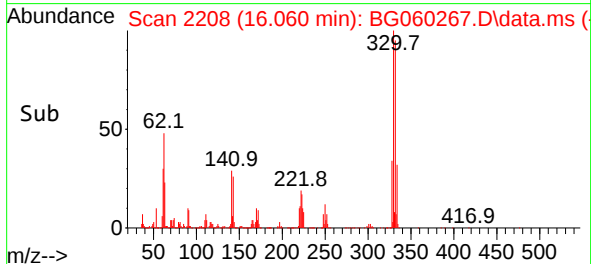
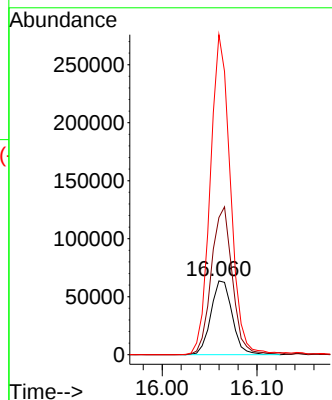
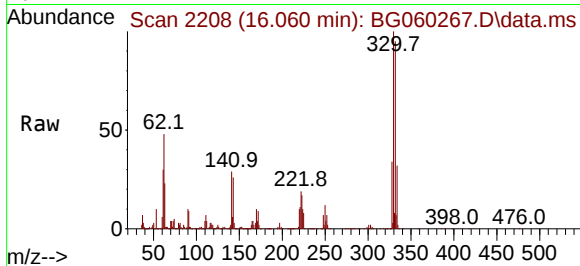




#67
4-Bromophenyl-phenylether
Concen: 4.395 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

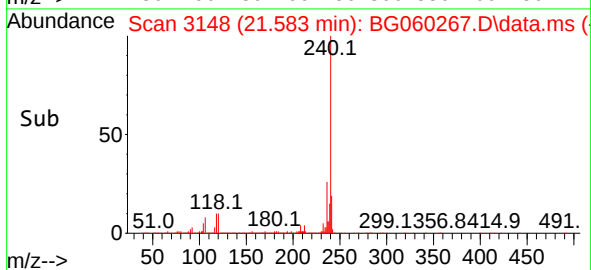
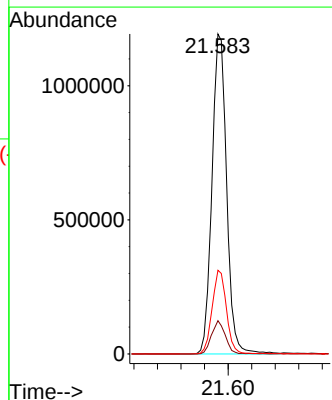
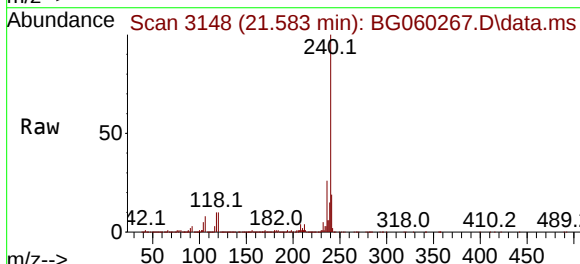
Instrument :
BNA_G
ClientSampleId :

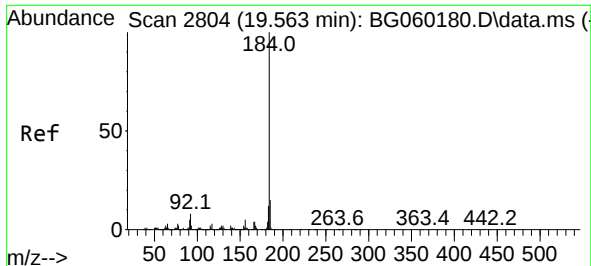
Tgt Ion:248 Resp: 99397
Ion Ratio Lower Upper
248 100
250 185.7 76.2 114.4#
141 433.4 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. -0.007 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Tgt Ion:240 Resp: 2059590
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 26.1 21.4 32.2

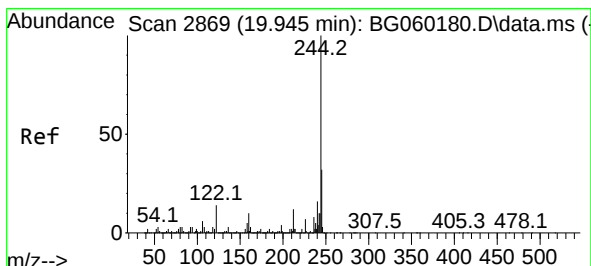
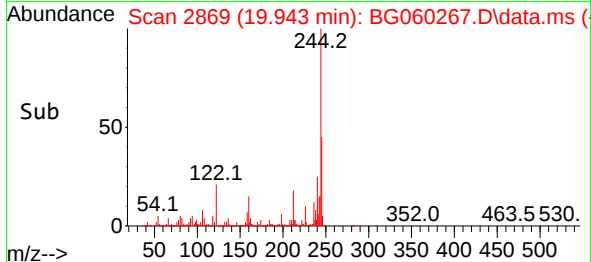
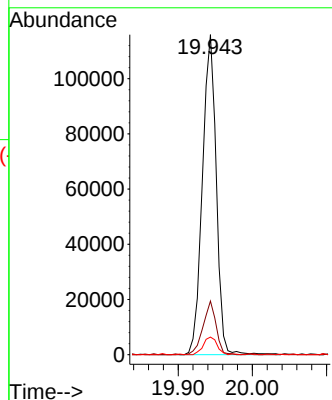
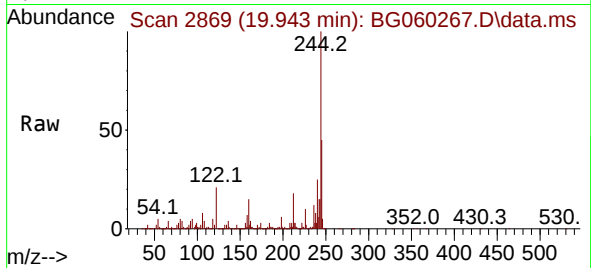




#77
Benzidine
Concen: 2.648 ng
RT: 19.943 min Scan# 2869
Delta R.T. 0.381 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

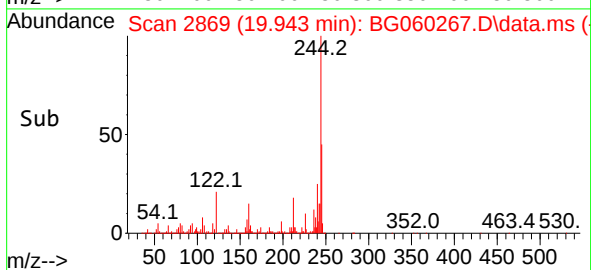
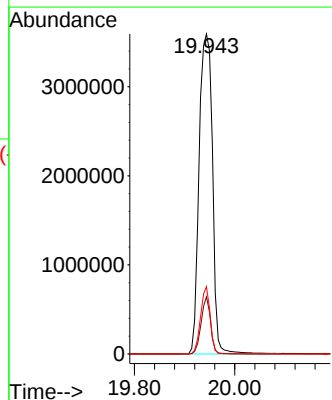
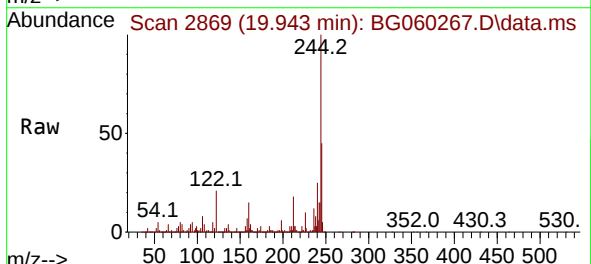
Instrument :
BNA_G
ClientSampleId :

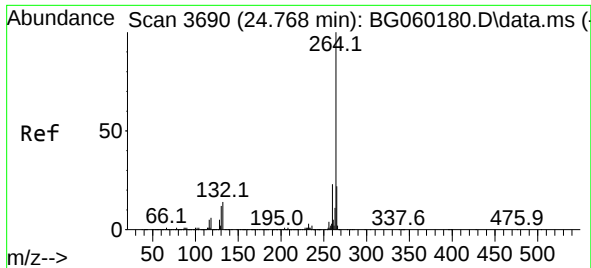
Tgt Ion:184 Resp: 150957
Ion Ratio Lower Upper
184 100
185 16.8 11.7 17.5
183 5.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 61.893 ng
RT: 19.943 min Scan# 2869
Delta R.T. -0.002 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

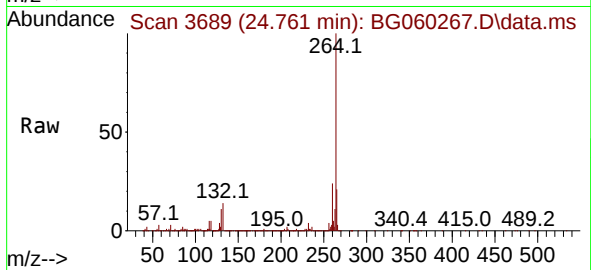
Tgt Ion:244 Resp: 6630620
Ion Ratio Lower Upper
244 100
212 17.8 9.5 14.3#
122 21.0 11.4 17.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.761 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG060267.D
 Acq: 5 Jan 2024 12:32

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 2259021

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.0	27.0
265	21.4	17.4	26.0

