

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060068.D
 Acq On : 18 Dec 2023 16:12
 Operator : MA/JU
 Sample : 05827-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-12.5-13.5

Quant Time: Dec 18 17:31:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

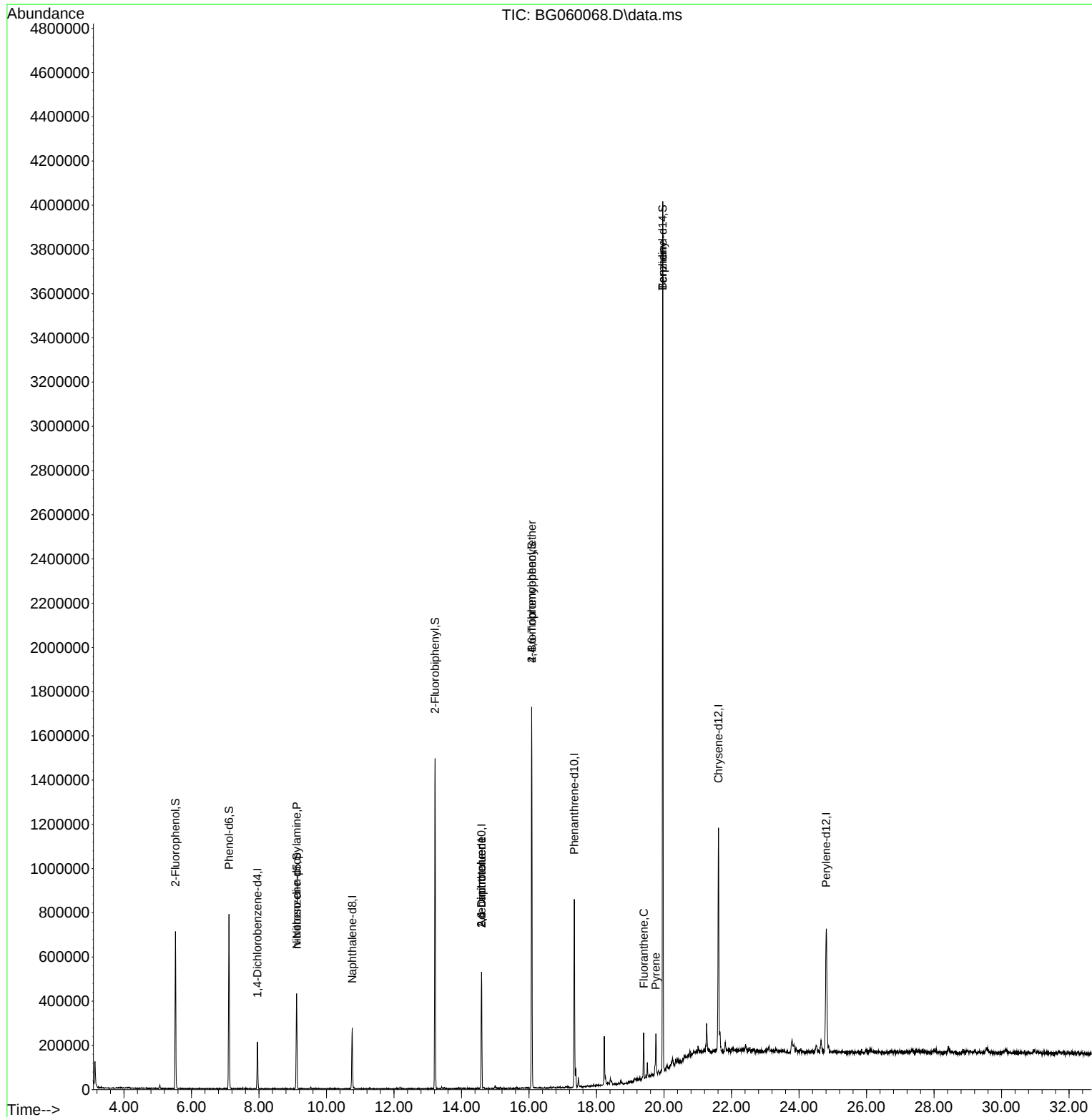
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	54433	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	206513	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	189668	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	598254	20.000	ng	# 0.00
76) Chrysene-d12	21.614	240	658851	20.000	ng	# 0.00
86) Perylene-d12	24.804	264	701285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	245535	77.218	ng	0.00
7) Phenol-d6	7.113	99	377027	84.292	ng	0.00
23) Nitrobenzene-d5	9.117	82	244743	53.814	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	403917	91.381	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	818043	52.787	ng	0.00
79) Terphenyl-d14	19.963	244	2199437	60.948	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.117	70	36466	12.637	ng	# 76
51) 2,6-Dinitrotoluene	14.593	165	27915	9.153	ng	# 23
57) 2,4-Dinitrotoluene	14.593	165	27915	6.511	ng	# 26
67) 4-Bromophenyl-phenylether	16.079	248	25857	3.063	ng	# 1
69) Atrazine	16.749	200	58	Below Cal		# 34
75) Fluoranthene	19.399	202	141545	3.347	ng	94
77) Benzidine	19.963	184	30065	3.553	ng	# 95
78) Pyrene	19.757	202	138677	3.472	ng	96

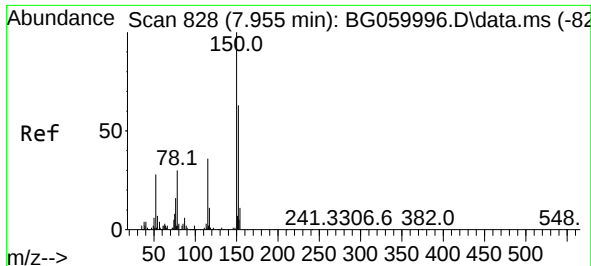
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
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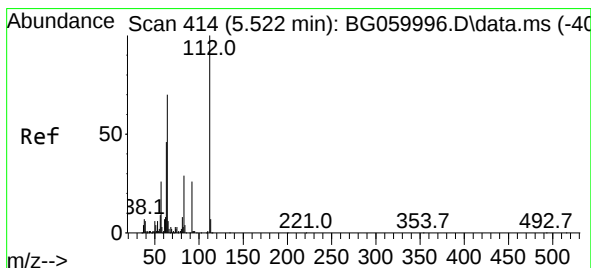
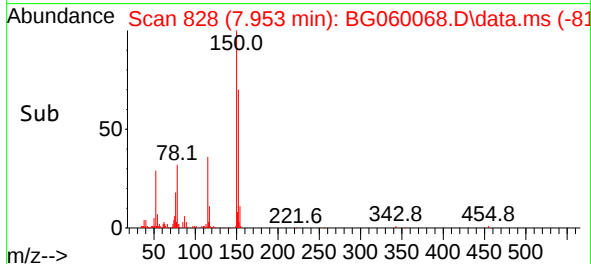
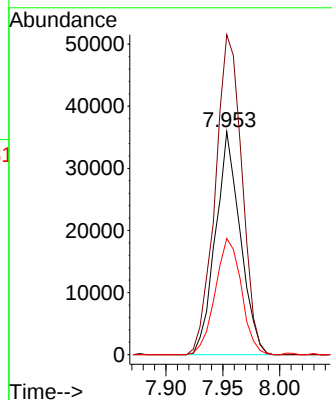
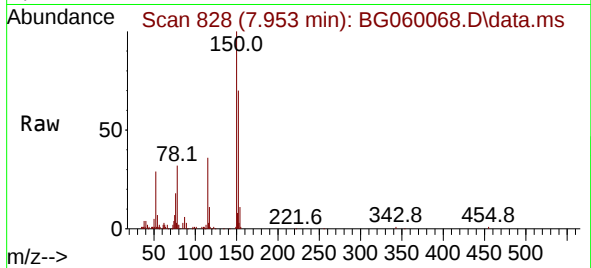




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG060068.D
 Acq: 18 Dec 2023 16:12

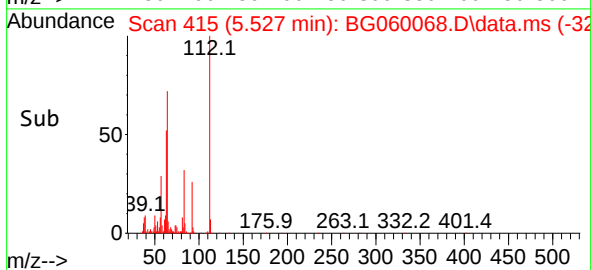
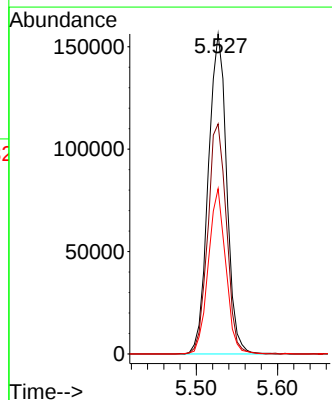
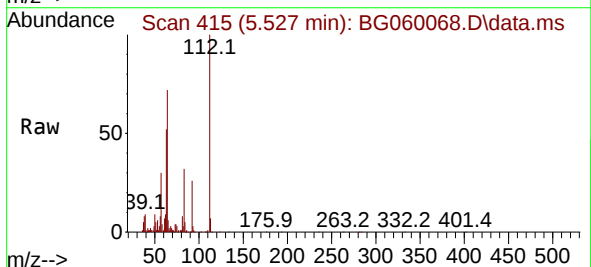
Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-12.5-13.5

Tgt Ion:152 Resp: 54433
 Ion Ratio Lower Upper
 152 100
 150 143.4 127.0 190.6
 115 52.1 45.7 68.5



#5
 2-Fluorophenol
 Concen: 77.218 ng
 RT: 5.527 min Scan# 415
 Delta R.T. 0.005 min
 Lab File: BG060068.D
 Acq: 18 Dec 2023 16:12

Tgt Ion:112 Resp: 245535
 Ion Ratio Lower Upper
 112 100
 64 71.9 55.9 83.9
 63 51.7 36.5 54.7

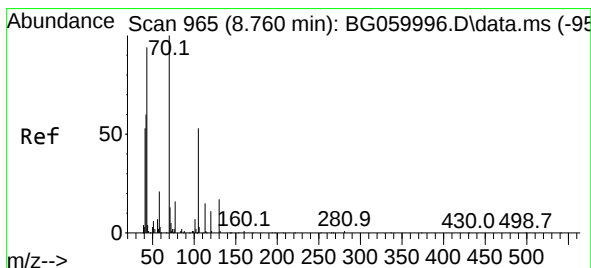
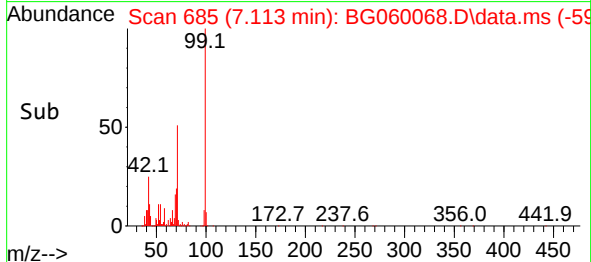
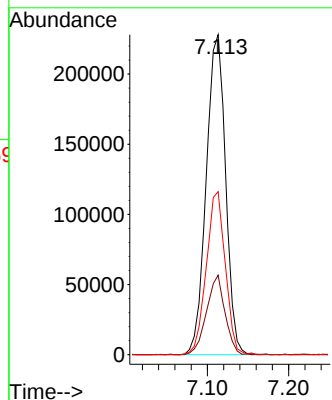
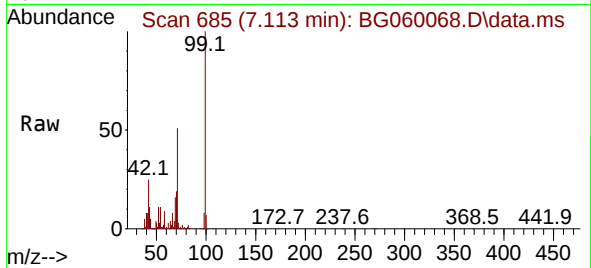




#7
Phenol-d6
Concen: 84.292 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

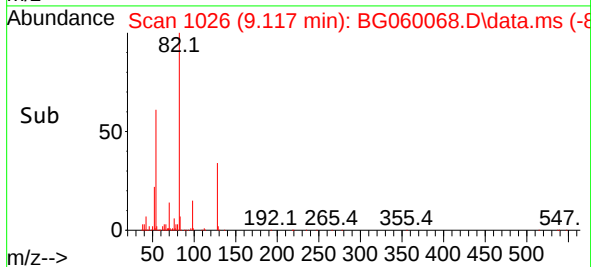
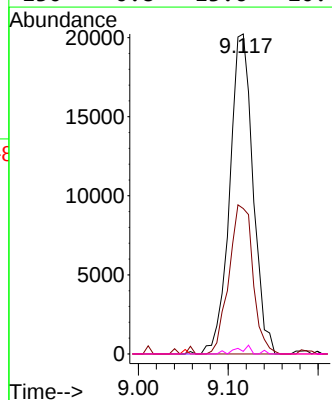
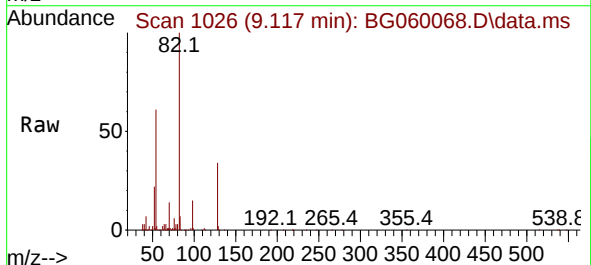
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

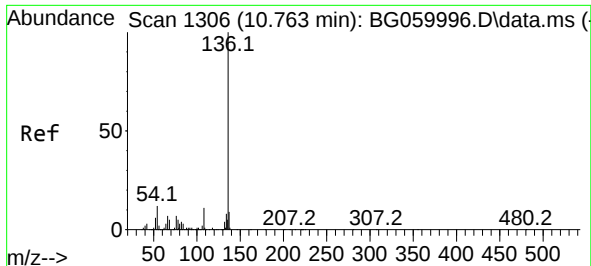
Tgt Ion: 99 Resp: 377027
Ion Ratio Lower Upper
99 100
42 24.8 16.2 24.4#
71 50.9 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.637 ng
RT: 9.117 min Scan# 1026
Delta R.T. 0.357 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion: 70 Resp: 36466
Ion Ratio Lower Upper
70 100
42 45.5 48.6 73.0#
101 0.0 5.7 8.5#
130 0.8 13.6 20.4#

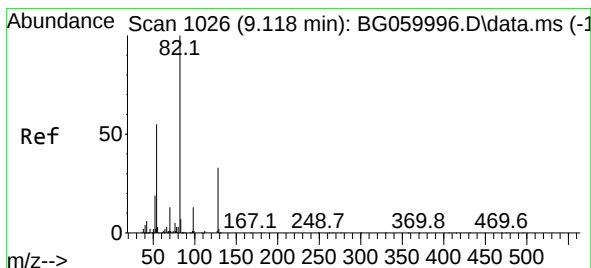
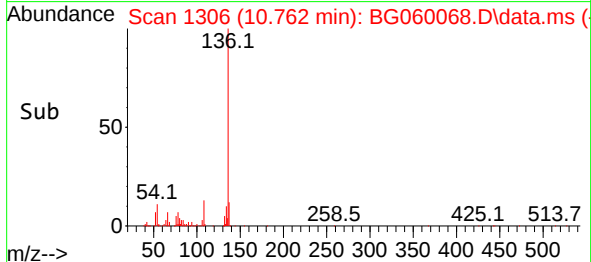
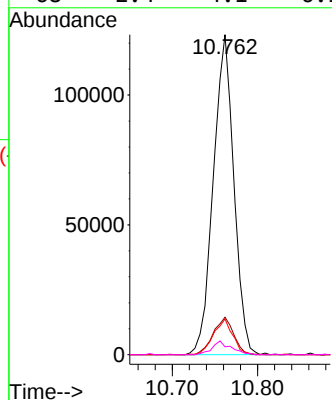
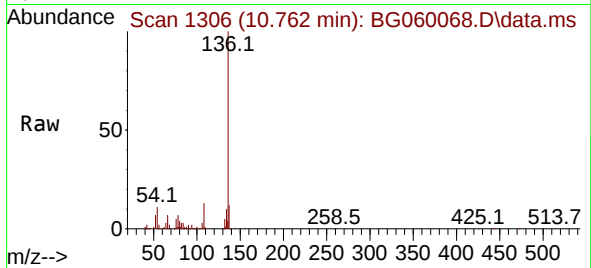




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

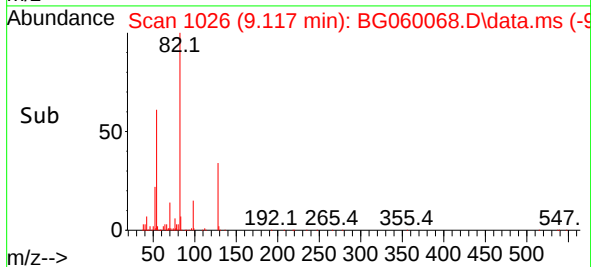
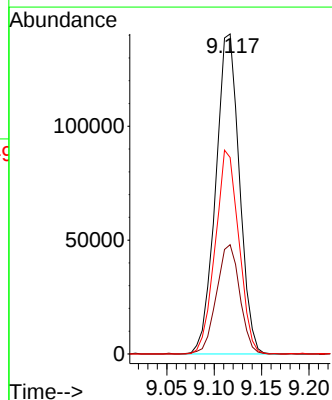
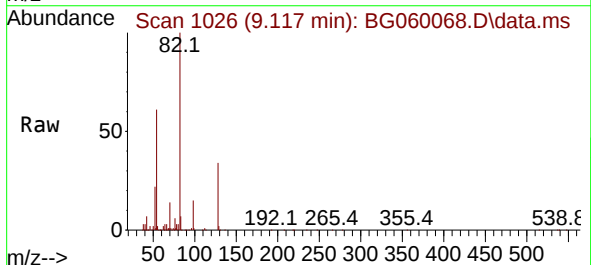
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

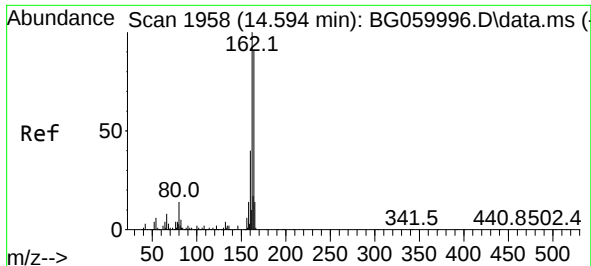
Tgt Ion:	136	Resp:	206513
Ion	Ratio	Lower	Upper
136	100		
137	11.7	7.3	10.9#
54	11.1	9.6	14.4
68	2.4	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 53.814 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion:	82	Resp:	244743
Ion	Ratio	Lower	Upper
82	100		
128	34.1	26.3	39.5
54	61.4	44.3	66.5

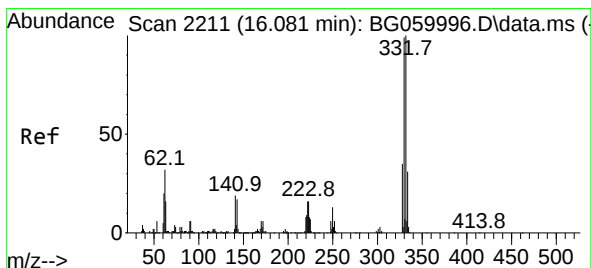
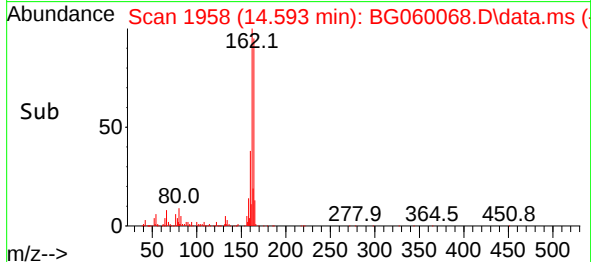
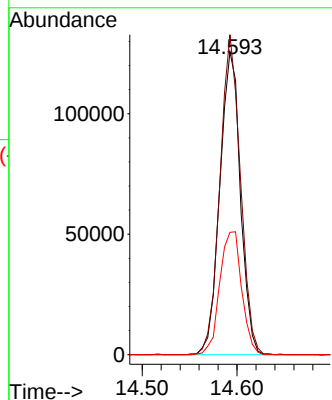
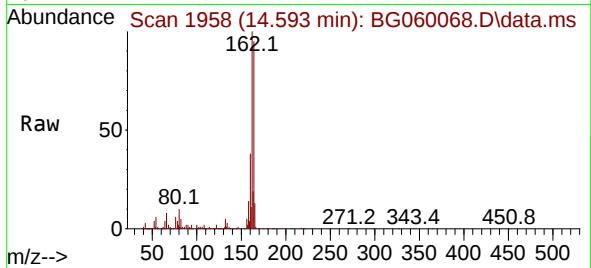




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

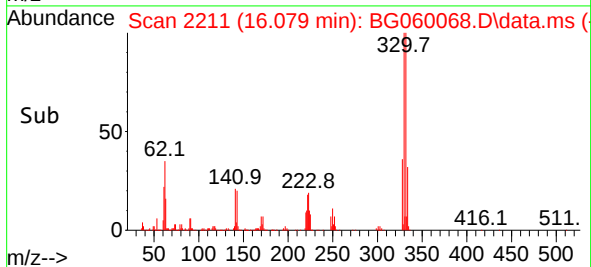
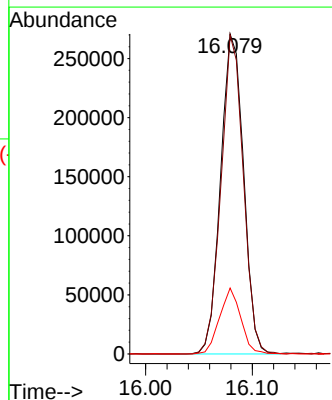
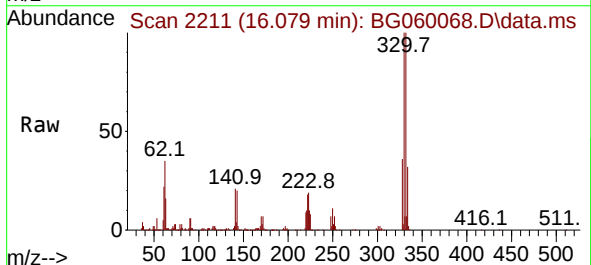
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

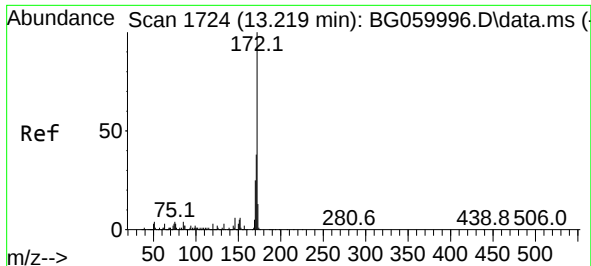
Tgt Ion:164 Resp: 189668
Ion Ratio Lower Upper
164 100
162 105.6 88.1 132.1
160 40.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 91.381 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion:330 Resp: 403917
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 19.1 14.3 21.5

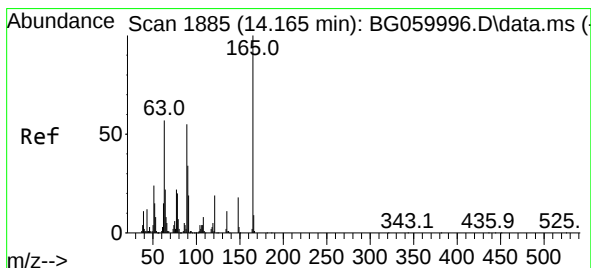
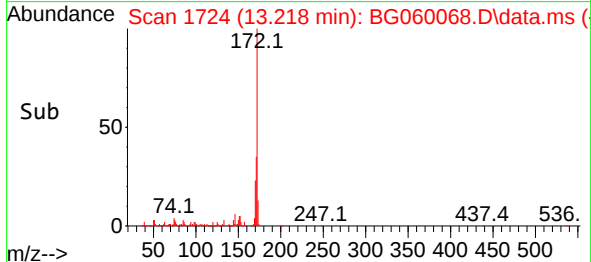
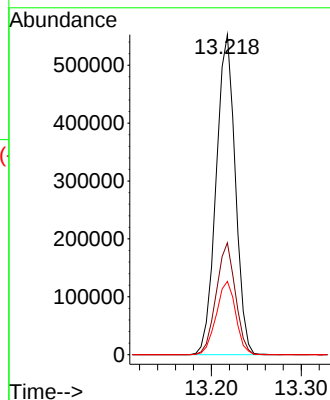
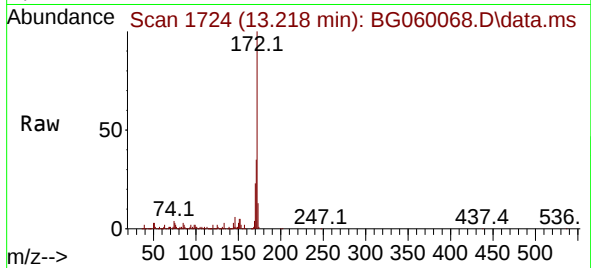




#45
2-Fluorobiphenyl
Concen: 52.787 ng
RT: 13.218 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

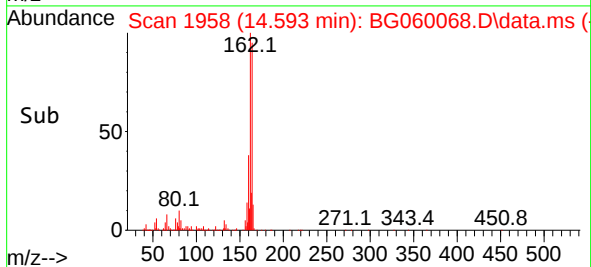
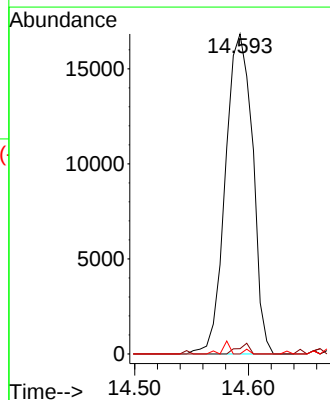
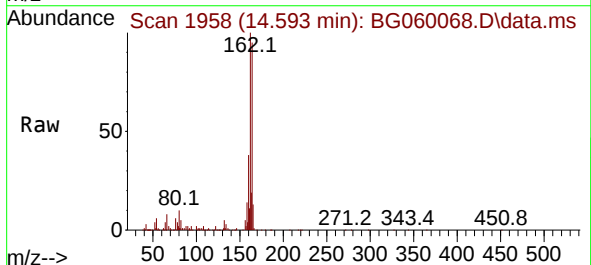
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

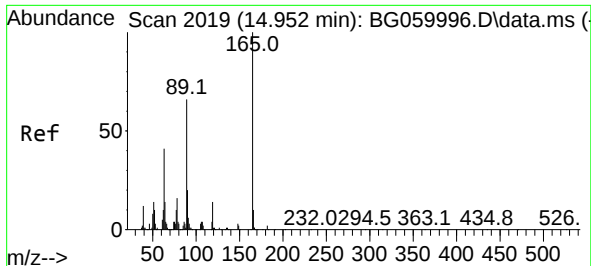
Tgt Ion:172 Resp: 818043
Ion Ratio Lower Upper
172 100
171 35.0 30.1 45.1
170 22.9 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 9.153 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.427 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion:165 Resp: 27915
Ion Ratio Lower Upper
165 100
63 1.7 48.2 72.2#
89 0.0 44.4 66.6#





#57

2,4-Dinitrotoluene

Concen: 6.511 ng

RT: 14.593 min Scan# 1958

Delta R.T. -0.360 min

Lab File: BG060068.D

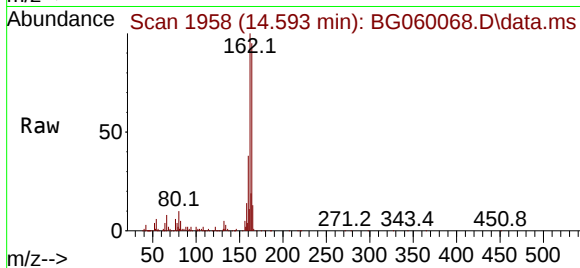
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Instrument :

BNA_G

ClientSampleId :

RT-SB-08-12.5-13.5



Tgt Ion:165 Resp: 27915

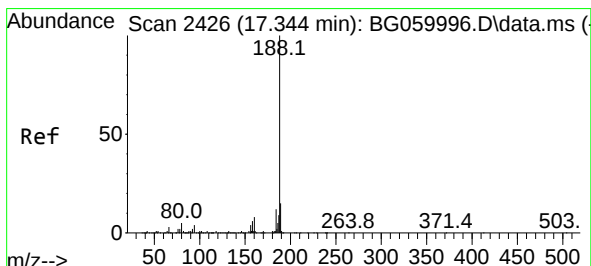
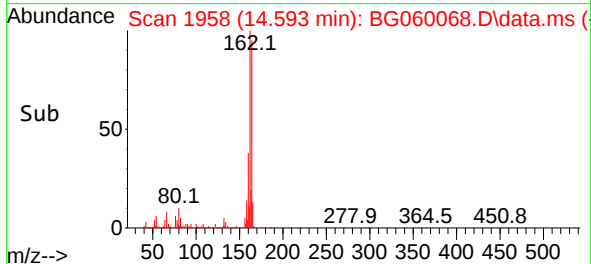
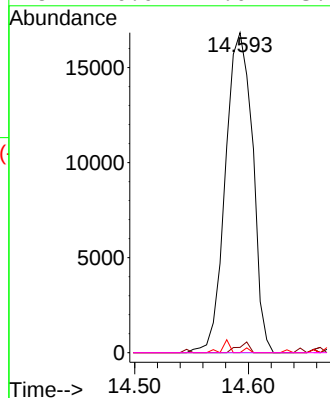
Ion Ratio Lower Upper

165 100

63 1.7 32.8 49.2#

89 0.0 53.0 79.6#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 2426

Delta R.T. -0.001 min

Lab File: BG060068.D

Acq: 18 Dec 2023 16:12

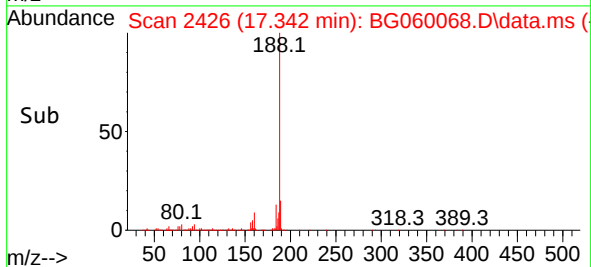
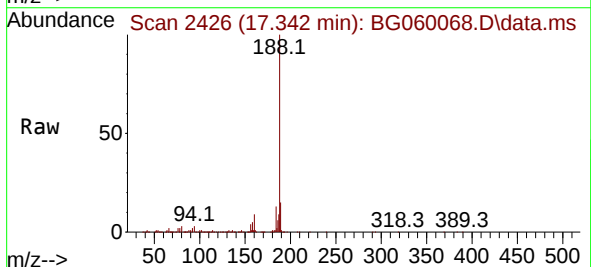
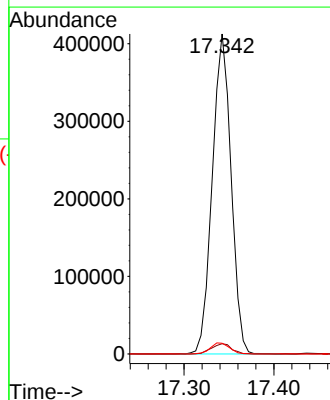
Tgt Ion:188 Resp: 598254

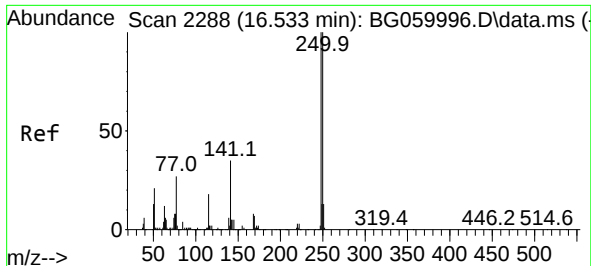
Ion Ratio Lower Upper

188 100

94 3.2 3.0 4.6

80 3.4 4.0 6.0#

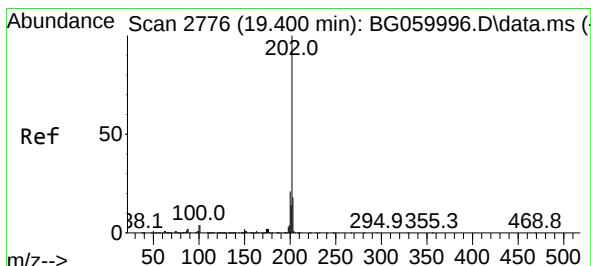
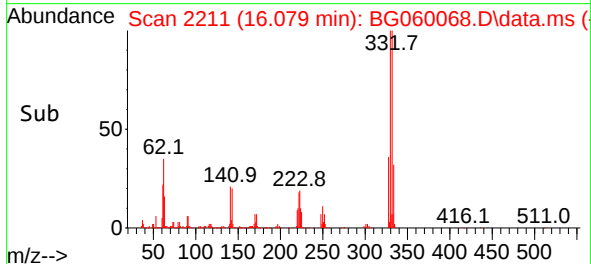
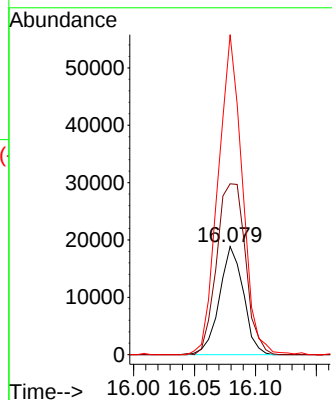
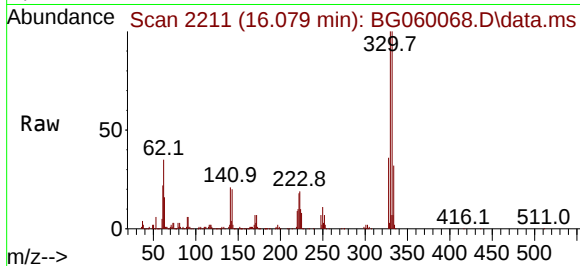




#67
4-Bromophenyl-phenylether
Concen: 3.063 ng
RT: 16.079 min Scan# 2111
Delta R.T. -0.454 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

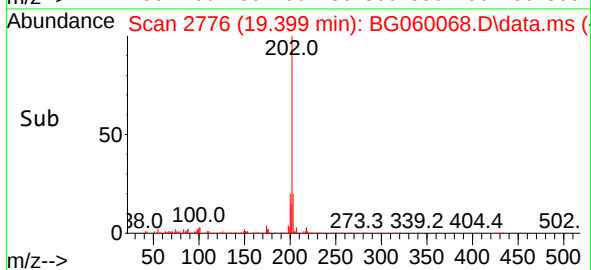
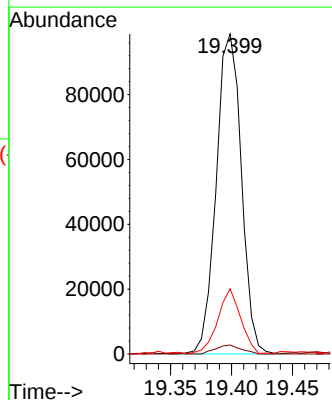
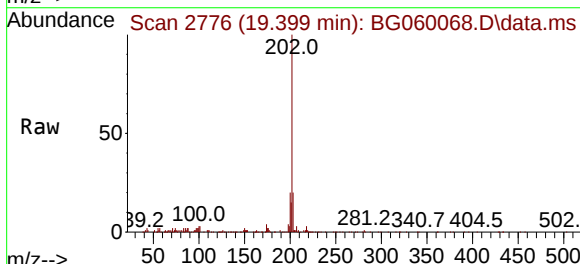
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

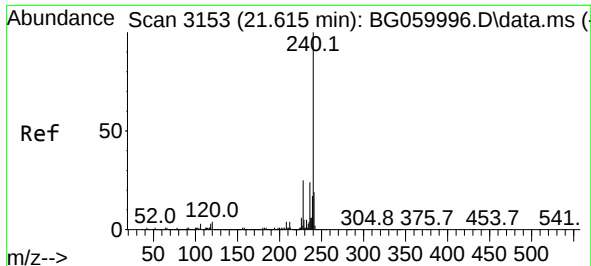
Tgt Ion:248 Resp: 25857
Ion Ratio Lower Upper
248 100
250 158.0 79.9 119.9#
141 295.8 28.3 42.5#



#75
Fluoranthene
Concen: 3.347 ng
RT: 19.399 min Scan# 2776
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion:202 Resp: 141545
Ion Ratio Lower Upper
202 100
101 2.8 0.0 24.2
203 20.3 0.0 37.6

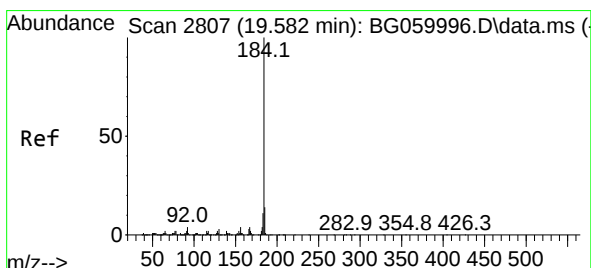
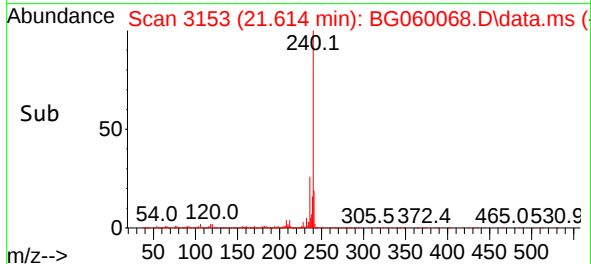
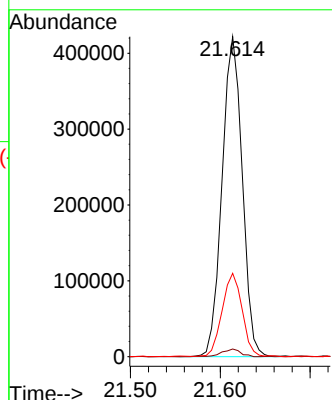
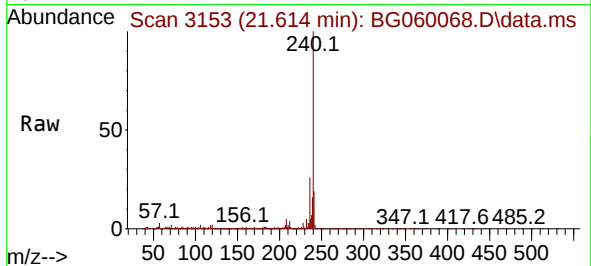




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.001 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

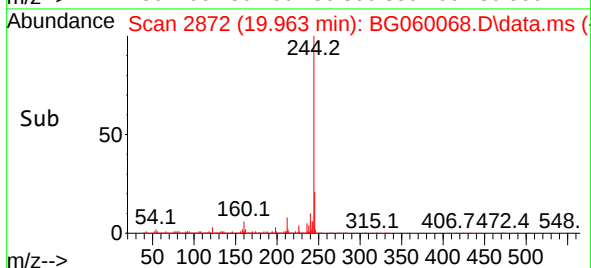
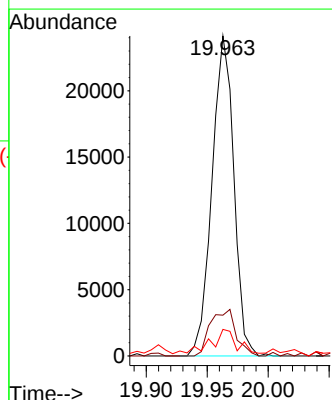
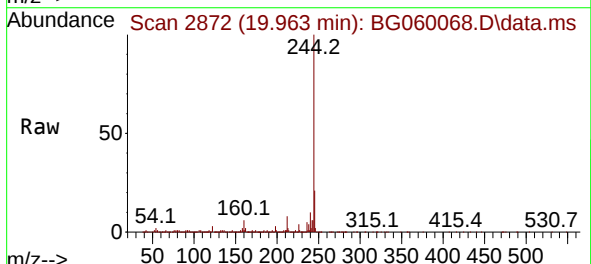
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

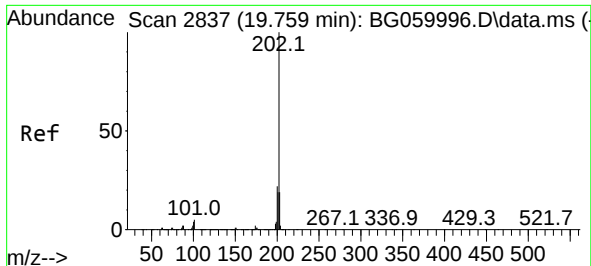
Tgt Ion:240 Resp: 658851
Ion Ratio Lower Upper
240 100
120 2.4 2.9 4.3#
236 26.1 19.4 29.2



#77
Benzidine
Concen: 3.553 ng
RT: 19.963 min Scan# 2872
Delta R.T. 0.380 min
Lab File: BG060068.D
Acq: 18 Dec 2023 16:12

Tgt Ion:184 Resp: 30065
Ion Ratio Lower Upper
184 100
185 12.7 11.1 16.7
183 8.3 9.0 13.4#

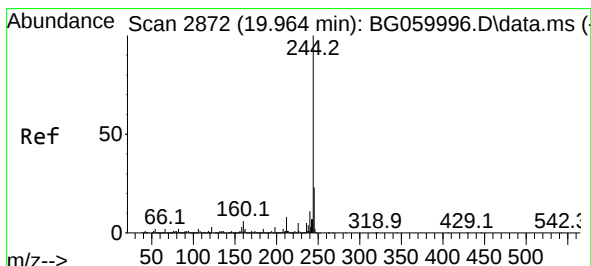
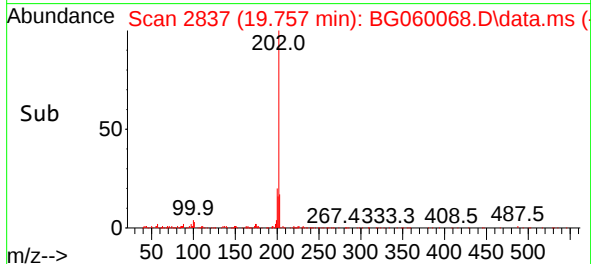
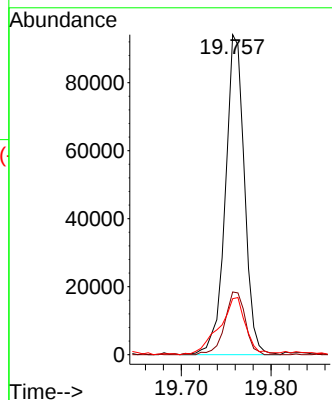
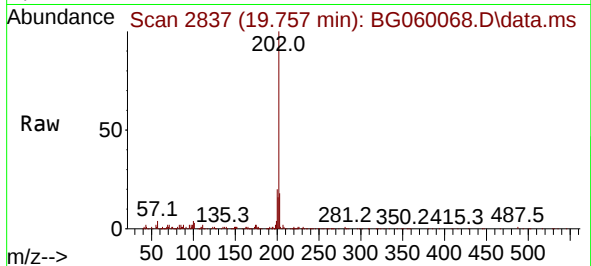




#78
 Pyrene
 Concen: 3.472 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060068.D
 Acq: 18 Dec 2023 16:12

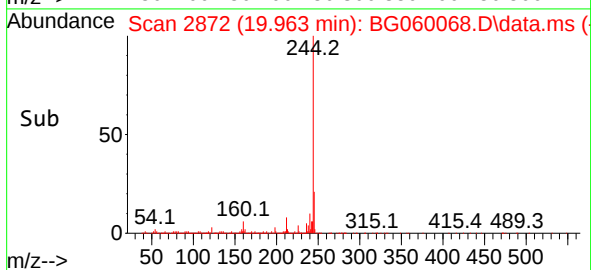
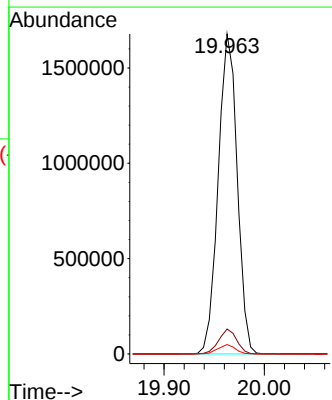
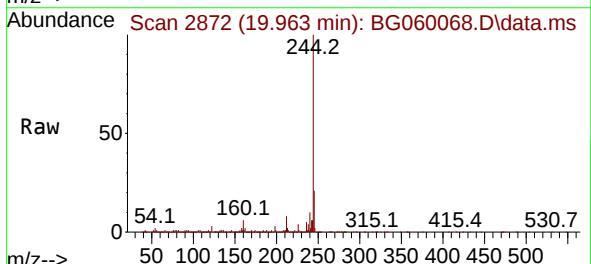
Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-12.5-13.5

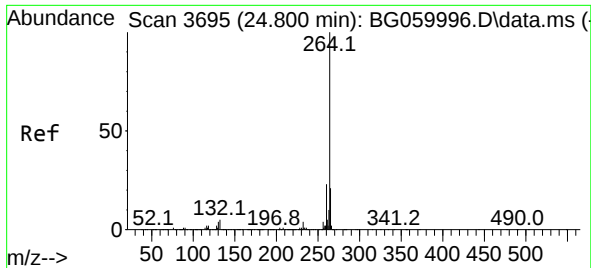
Tgt Ion:202 Resp: 138677
 Ion Ratio Lower Upper
 202 100
 200 19.6 17.6 26.4
 203 17.5 14.9 22.3



#79
 Terphenyl-d14
 Concen: 60.948 ng
 RT: 19.963 min Scan# 2872
 Delta R.T. -0.001 min
 Lab File: BG060068.D
 Acq: 18 Dec 2023 16:12

Tgt Ion:244 Resp: 2199437
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.8 10.2
 122 2.9 2.6 3.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.804 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: BG060068.D
 Acq: 18 Dec 2023 16:12

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-12.5-13.5

Tgt Ion:	264	Resp:	701285
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.4	17.3	25.9

