

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061028.D
 Acq On : 24 Apr 2024 18:14
 Operator : MA/JU
 Sample : P2240-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-042324

Quant Time: Apr 25 01:19:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

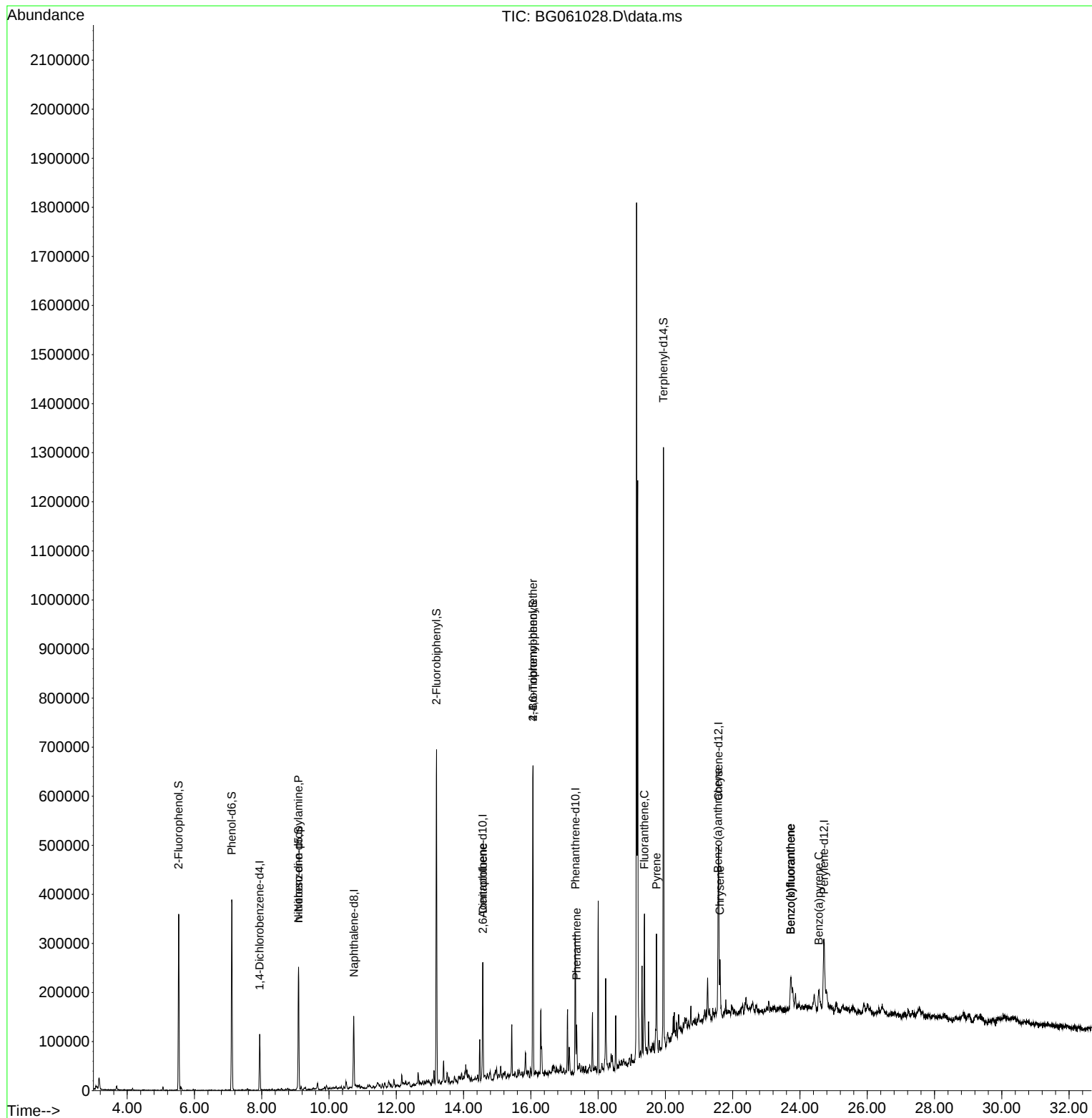
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	30189	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	108024	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	81605	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	182353	20.000	ng	0.00
76) Chrysene-d12	21.579	240	195175	20.000	ng	0.00
86) Perylene-d12	24.711	264	222444	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	132788	88.972	ng	0.00
7) Phenol-d6	7.108	99	174401	78.757	ng	0.00
23) Nitrobenzene-d5	9.094	82	126602	52.656	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	138928	77.527	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	340584	57.763	ng	0.00
79) Terphenyl-d14	19.940	244	650039	51.698	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	19505	11.819	ng	# 72
51) 2,6-Dinitrotoluene	14.576	165	12716	9.056	ng	# 20
67) 4-Bromophenyl-phenylether	16.062	248	8555	3.555	ng	# 1
71) Phenanthrene	17.361	178	62611	6.727	ng	97
75) Fluoranthene	19.376	202	147562	11.946	ng	99
78) Pyrene	19.735	202	137990	10.383	ng	95
81) Benzo(a)anthracene	21.562	228	83079	6.054	ng	93
83) Chrysene	21.621	228	82142	6.287	ng	98
88) Benzo(b)fluoranthene	23.724	252	88282	7.003	ng	97
89) Benzo(k)fluoranthene	23.724	252	88282	6.937	ng	95
90) Benzo(a)pyrene	24.564	252	58113	4.763	ng	# 89

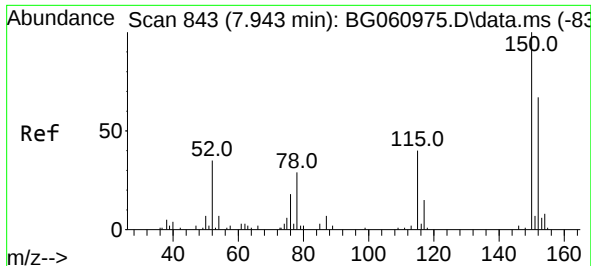
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
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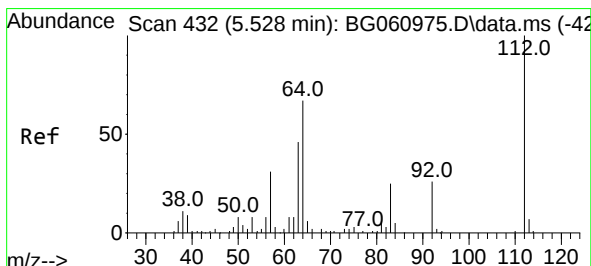
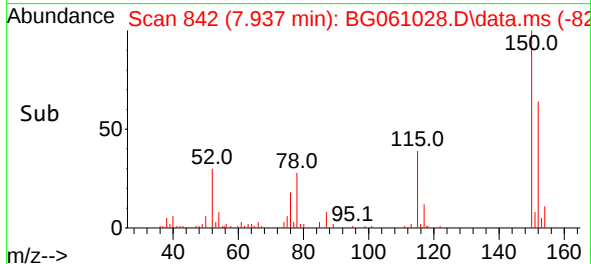
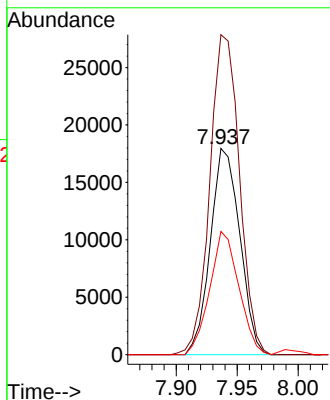
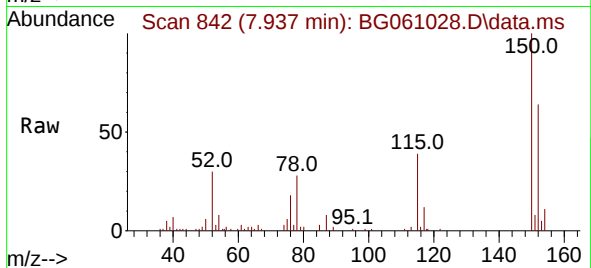




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 843
Delta R.T. -0.006 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

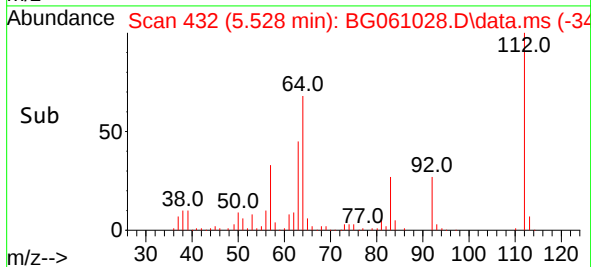
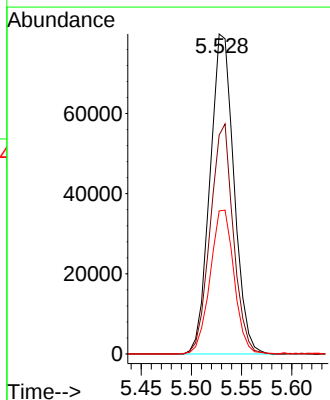
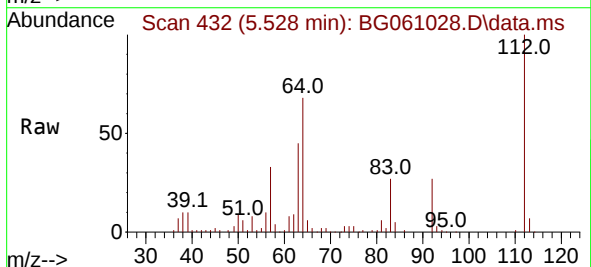
Instrument :
BNA_G
ClientSampleId :
AU-05-042324

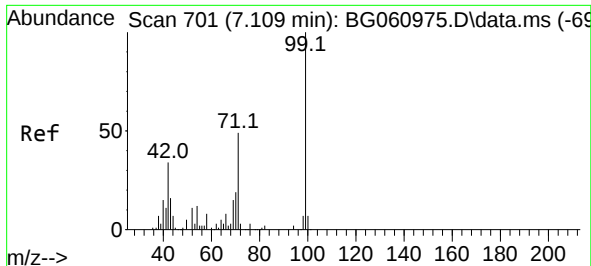
Tgt Ion:152 Resp: 30189
Ion Ratio Lower Upper
152 100
150 155.2 118.6 178.0
115 59.8 47.4 71.0



#5
2-Fluorophenol
Concen: 88.972 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

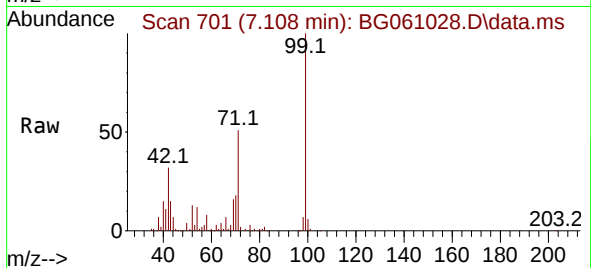
Tgt Ion:112 Resp: 132788
Ion Ratio Lower Upper
112 100
64 68.4 53.7 80.5
63 44.7 37.0 55.6



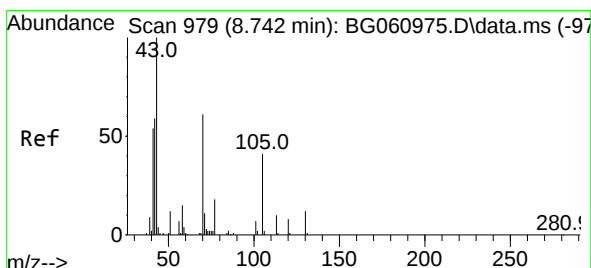
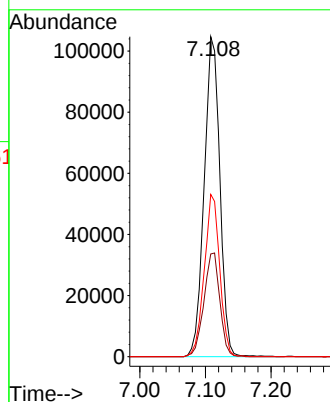
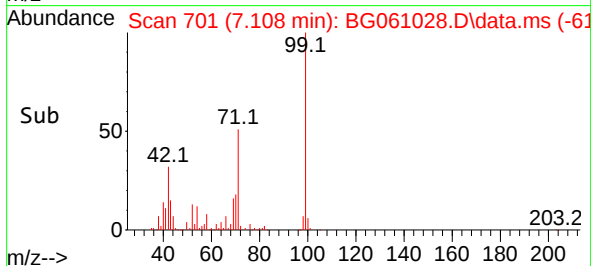


#7
Phenol-d6
Concen: 78.757 ng
RT: 7.108 min Scan# 701
Delta R.T. -0.000 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

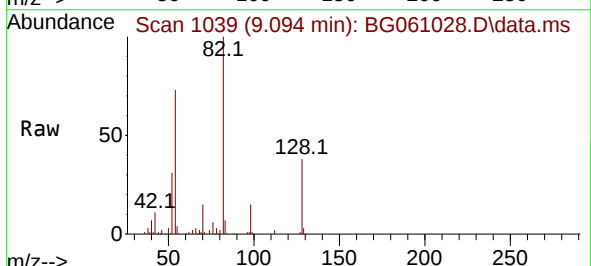
Instrument :
BNA_G
ClientSampleId :
AU-05-042324



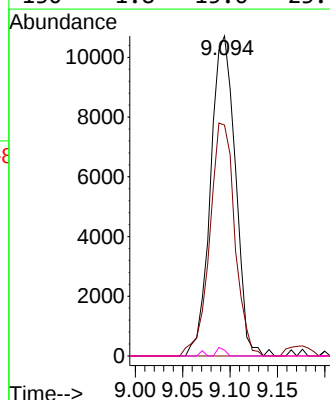
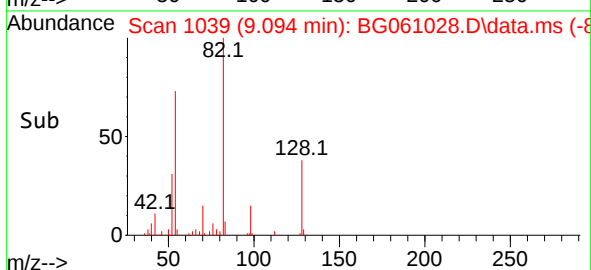
Tgt Ion: 99 Resp: 174401
Ion Ratio Lower Upper
99 100
42 32.1 27.2 40.8
71 50.7 38.8 58.2

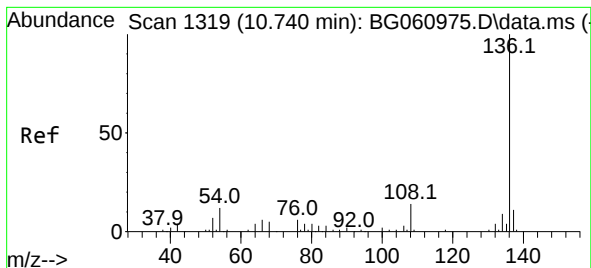


#19
n-Nitroso-di-n-propylamine
Concen: 11.819 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.352 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14



Tgt Ion: 70 Resp: 19505
Ion Ratio Lower Upper
70 100
42 72.2 78.0 117.0#
101 0.0 8.6 13.0#
130 1.8 15.6 23.4#

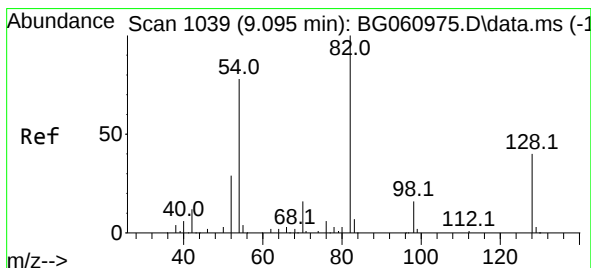
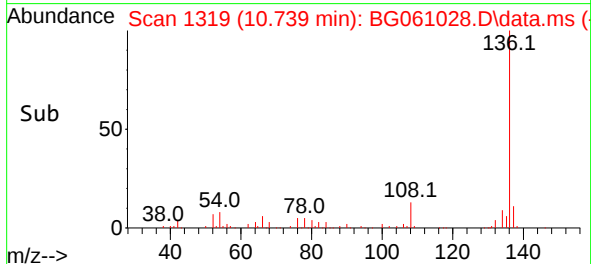
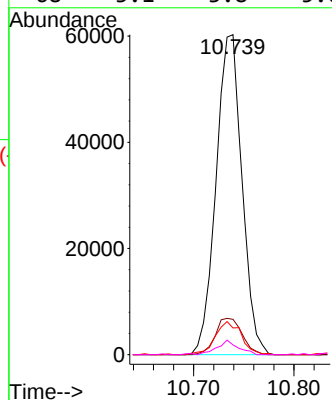
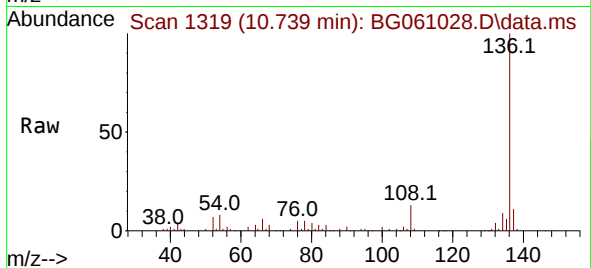




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

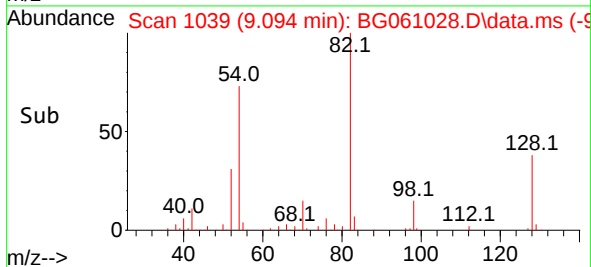
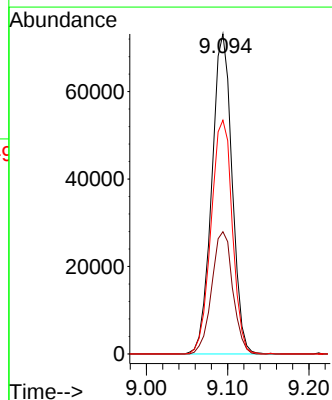
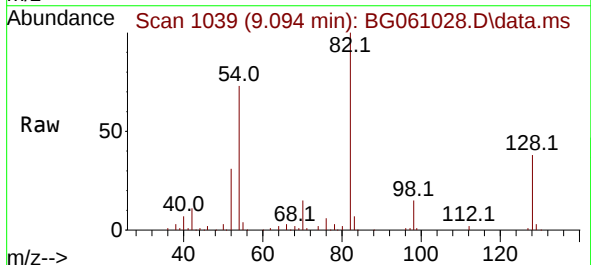
Instrument :
BNA_G
ClientSampleId :
AU-05-042324

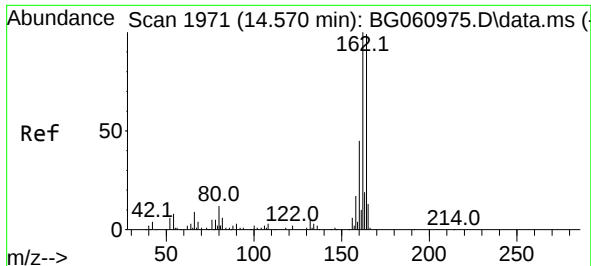
Tgt Ion:136 Resp: 108024
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.4 9.4 14.0#
68 3.1 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 52.656 ng
RT: 9.094 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

Tgt Ion: 82 Resp: 126602
Ion Ratio Lower Upper
82 100
128 38.2 32.1 48.1
54 73.1 62.3 93.5

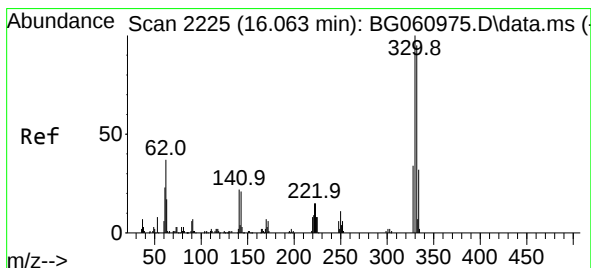
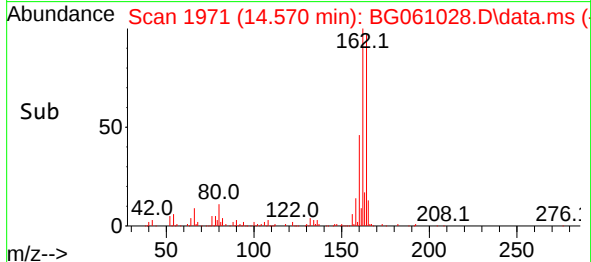
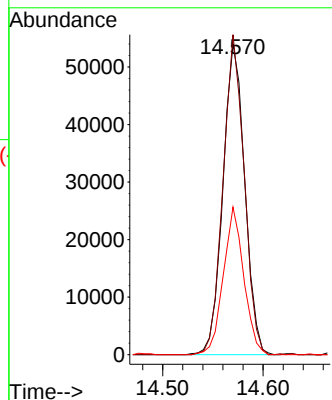
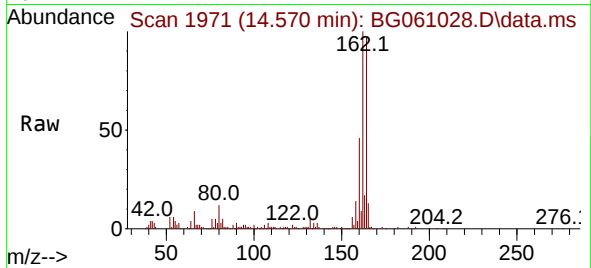




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

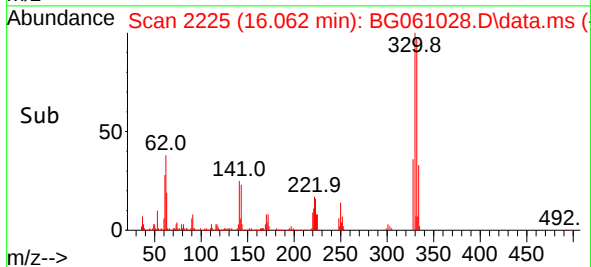
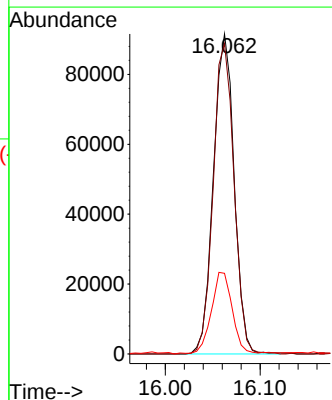
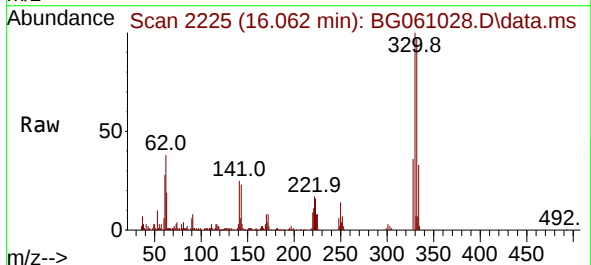
Instrument :
BNA_G
ClientSampleId :
AU-05-042324

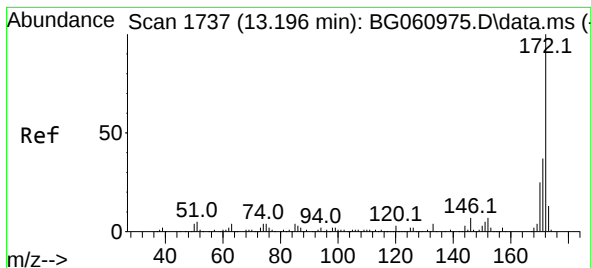
Tgt Ion:164 Resp: 81605
Ion Ratio Lower Upper
164 100
162 103.0 81.2 121.8
160 47.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 77.527 ng
RT: 16.062 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

Tgt Ion:330 Resp: 138928
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 25.3 20.6 31.0

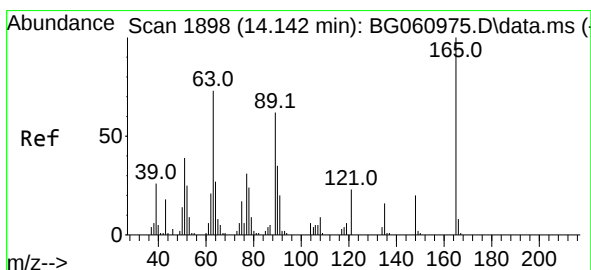
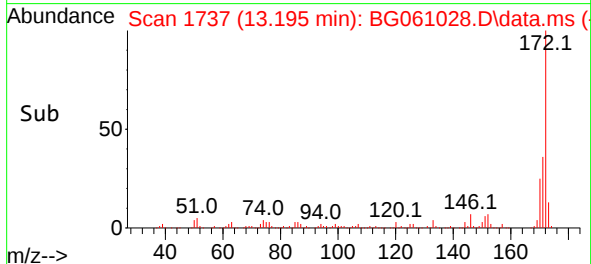
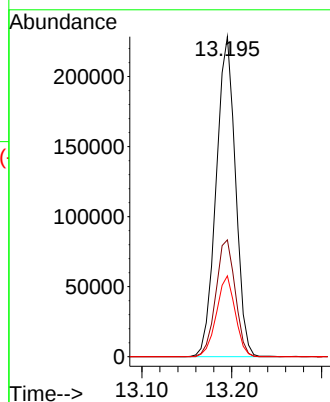
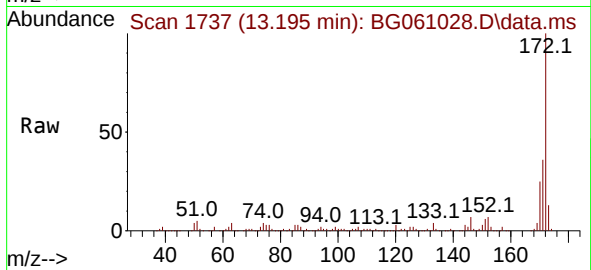




#45
2-Fluorobiphenyl
Concen: 57.763 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

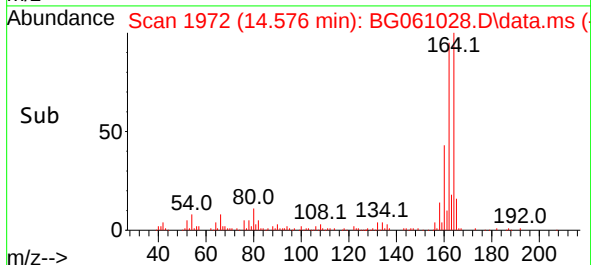
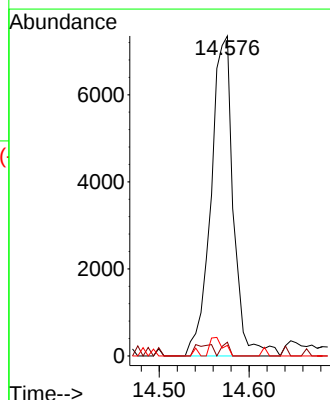
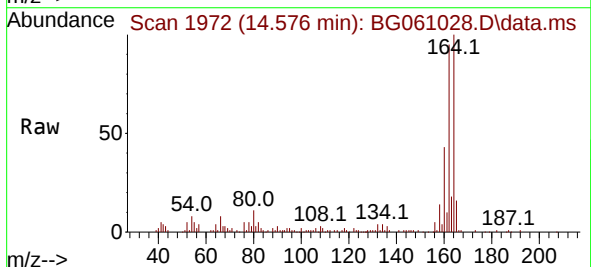
Instrument :
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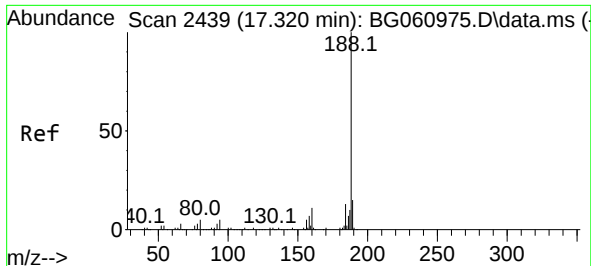
Tgt Ion:172 Resp: 340584
Ion Ratio Lower Upper
172 100
171 36.5 29.3 43.9
170 25.3 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 9.056 ng
RT: 14.576 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

Tgt Ion:165 Resp: 12716
Ion Ratio Lower Upper
165 100
63 4.3 59.6 89.4#
89 3.3 49.4 74.0#

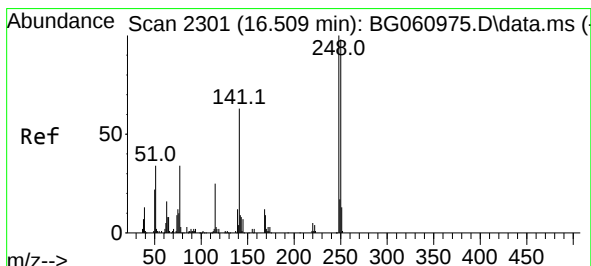
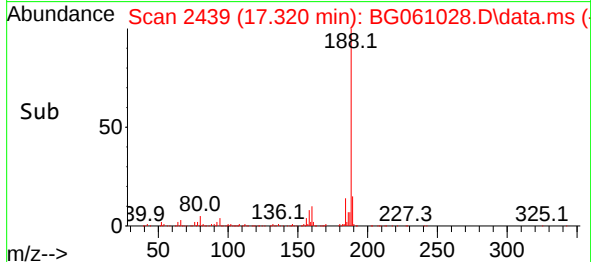
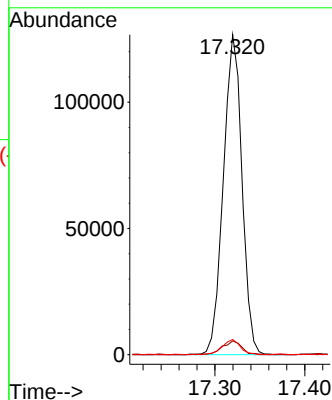
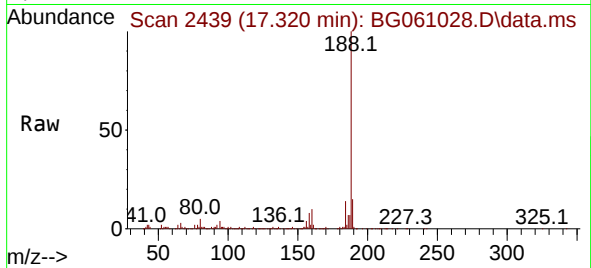




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.320 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

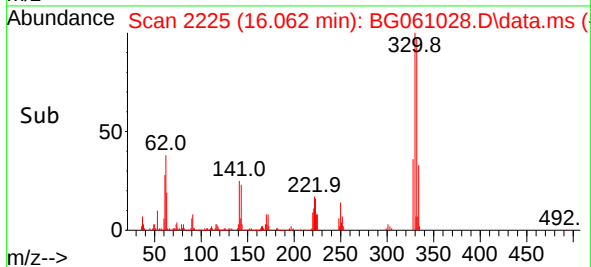
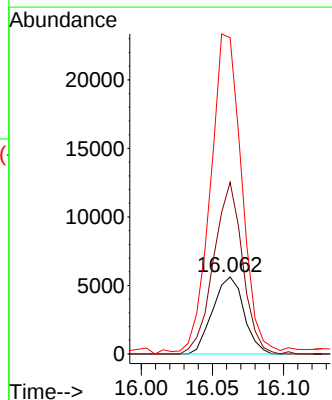
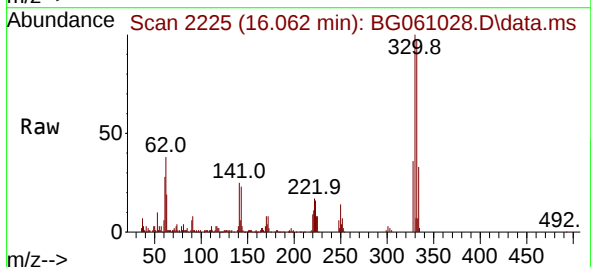
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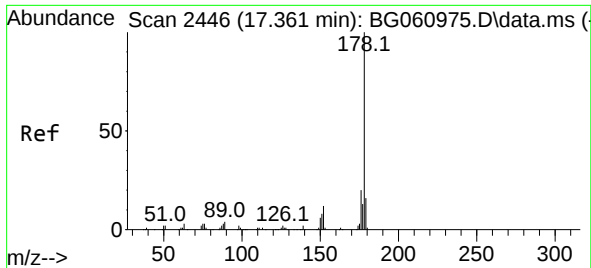
Tgt Ion:188 Resp: 182353
Ion Ratio Lower Upper
188 100
94 4.3 4.1 6.1
80 4.7 4.0 6.0



#67
4-Bromophenyl-phenylether
Concen: 3.555 ng
RT: 16.062 min Scan# 2225
Delta R.T. -0.447 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

Tgt Ion:248 Resp: 8555
Ion Ratio Lower Upper
248 100
250 223.1 78.7 118.1#
141 411.2 50.4 75.6#

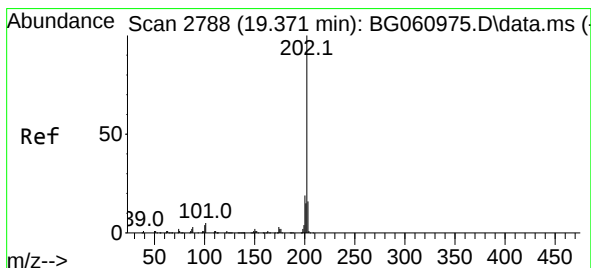
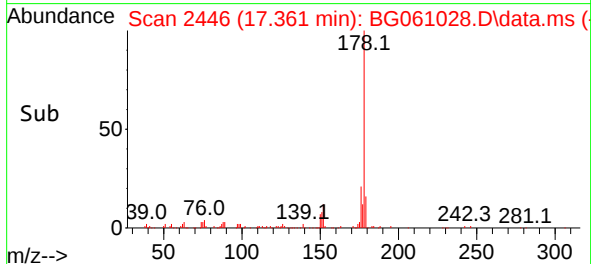
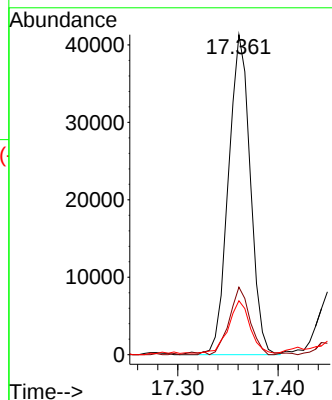
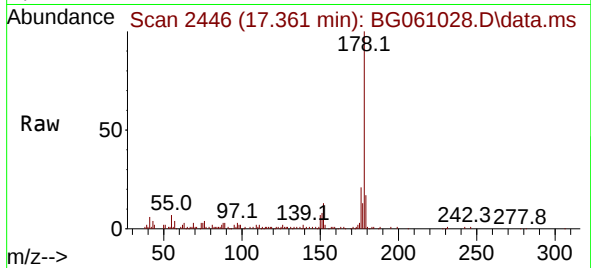




#71
Phenanthrene
Concen: 6.727 ng
RT: 17.361 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

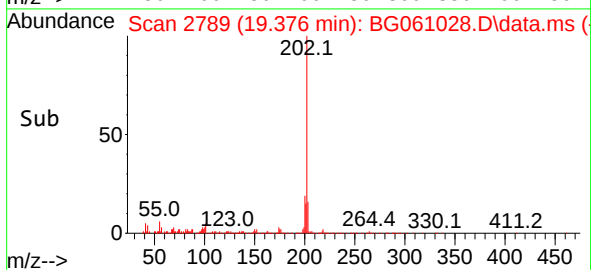
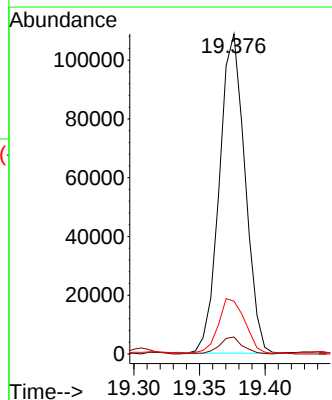
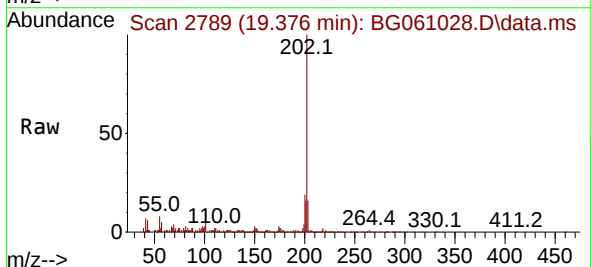
Instrument :
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AU-05-042324

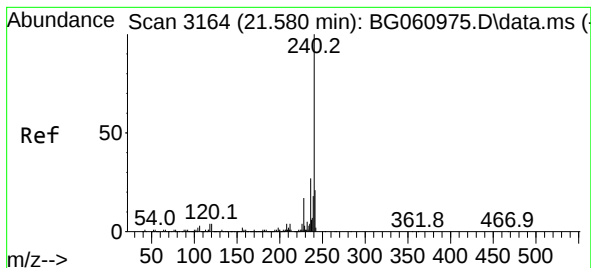
Tgt Ion:178 Resp: 62611
Ion Ratio Lower Upper
178 100
176 21.1 16.0 24.0
179 16.9 12.5 18.7



#75
Fluoranthene
Concen: 11.946 ng
RT: 19.376 min Scan# 2789
Delta R.T. 0.005 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

Tgt Ion:202 Resp: 147562
Ion Ratio Lower Upper
202 100
101 5.3 0.0 24.9
203 16.5 0.0 36.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.579 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG061028.D

Acq: 24 Apr 2024 18:14

Instrument :

BNA_G

ClientSampleId :

AU-05-042324

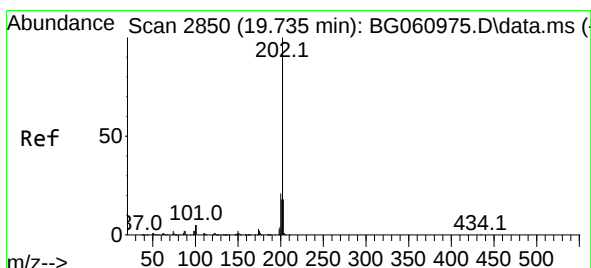
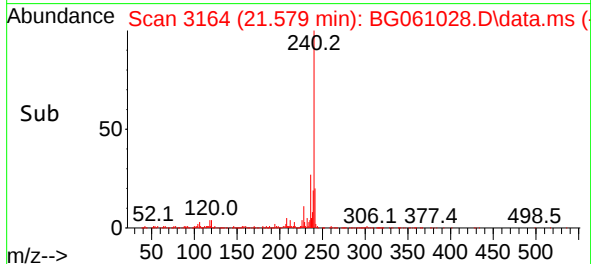
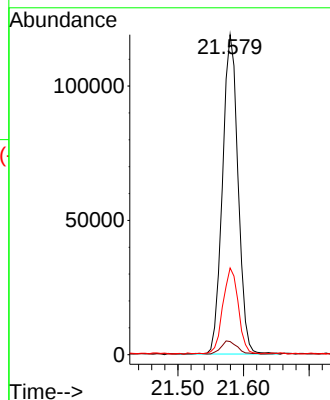
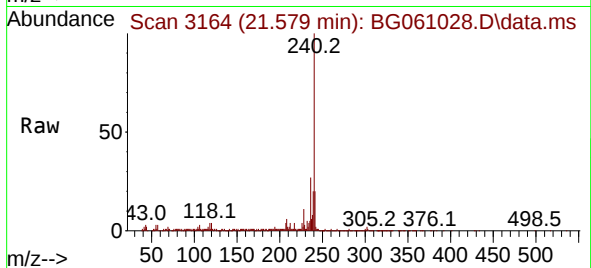
Tgt Ion:240 Resp: 195175

Ion Ratio Lower Upper

240 100

120 4.1 3.0 4.6

236 27.1 21.8 32.6



#78

Pyrene

Concen: 10.383 ng

RT: 19.735 min Scan# 2850

Delta R.T. -0.000 min

Lab File: BG061028.D

Acq: 24 Apr 2024 18:14

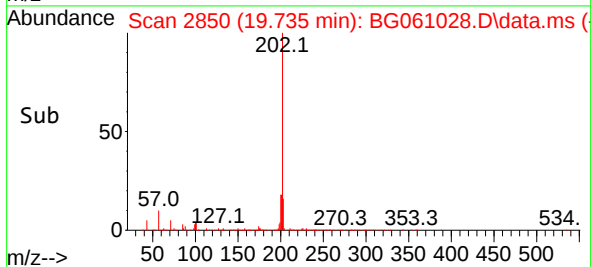
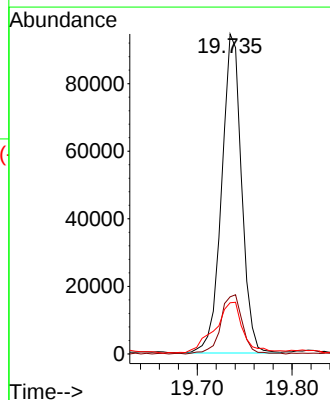
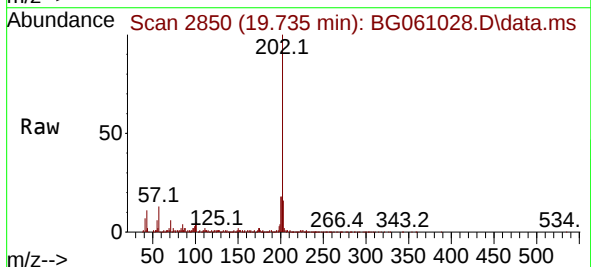
Tgt Ion:202 Resp: 137990

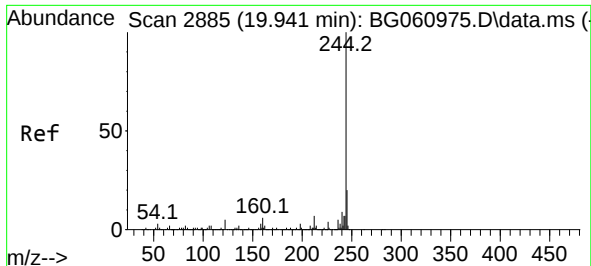
Ion Ratio Lower Upper

202 100

200 17.8 16.8 25.2

203 16.0 14.2 21.2



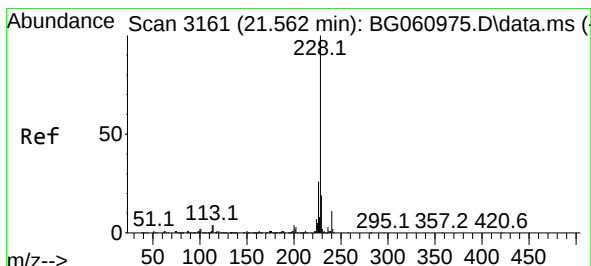
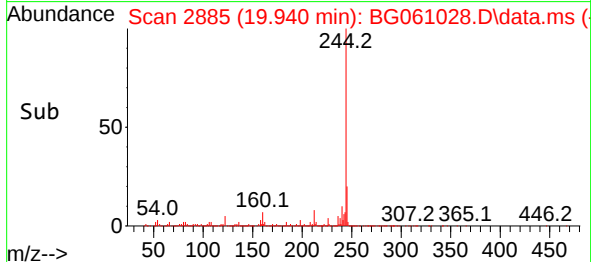
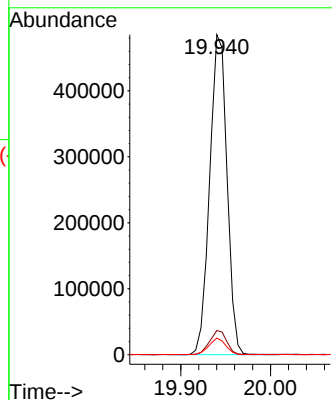
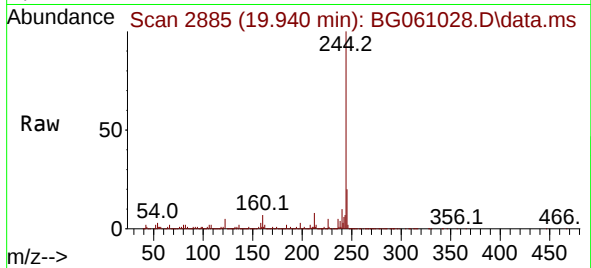


#79
 Terphenyl-d14
 Concen: 51.698 ng
 RT: 19.940 min Scan# 2885
 Delta R.T. -0.000 min
 Lab File: BG061028.D
 Acq: 24 Apr 2024 18:14

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-042324

Tgt Ion:244 Resp: 650039

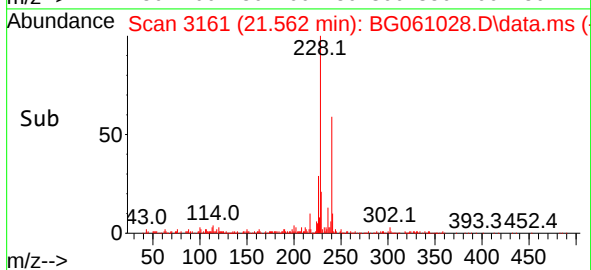
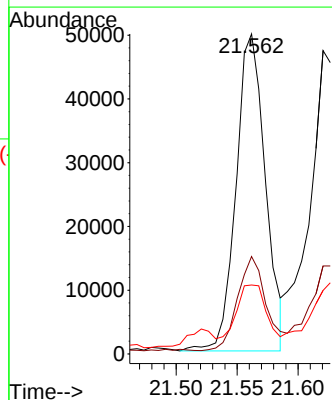
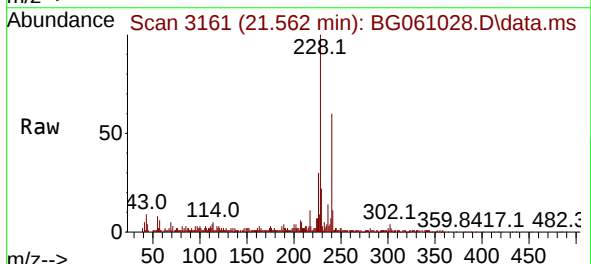
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	5.2	4.2	6.2

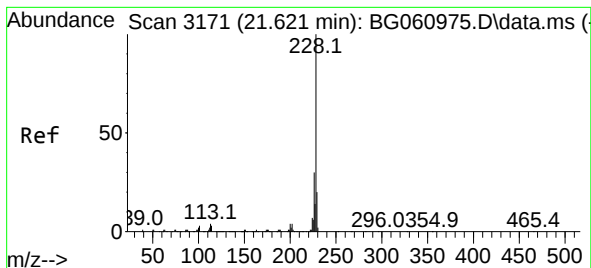


#81
 Benzo(a)anthracene
 Concen: 6.054 ng
 RT: 21.562 min Scan# 3161
 Delta R.T. -0.000 min
 Lab File: BG061028.D
 Acq: 24 Apr 2024 18:14

Tgt Ion:228 Resp: 83079

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	21.6	15.0	22.4





#83

Chrysene

Concen: 6.287 ng

RT: 21.621 min Scan# 3171

Delta R.T. -0.000 min

Lab File: BG061028.D

Acq: 24 Apr 2024 18:14

Instrument :

BNA_G

ClientSampleId :

AU-05-042324

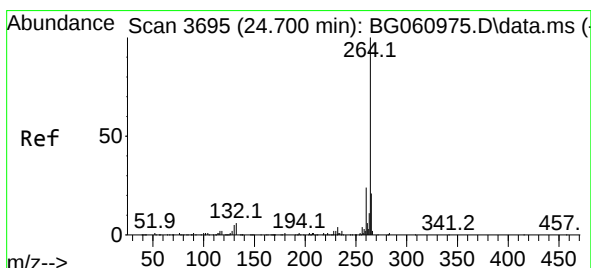
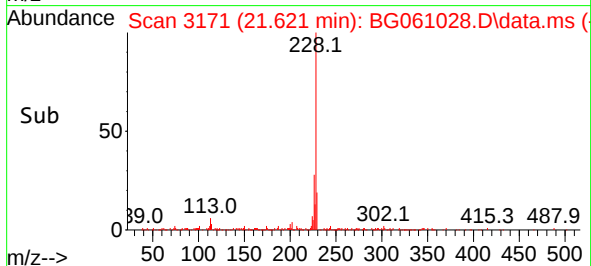
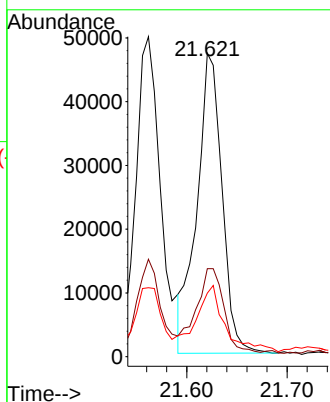
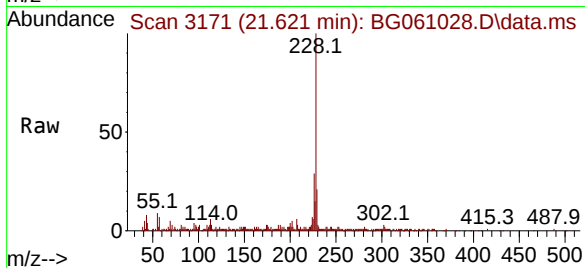
Tgt Ion:228 Resp: 82142

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.2

229 20.9 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.711 min Scan# 3697

Delta R.T. 0.011 min

Lab File: BG061028.D

Acq: 24 Apr 2024 18:14

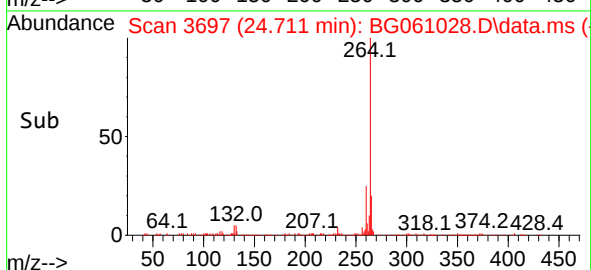
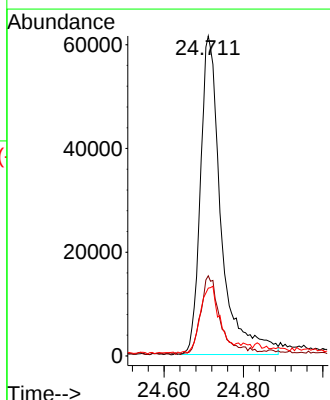
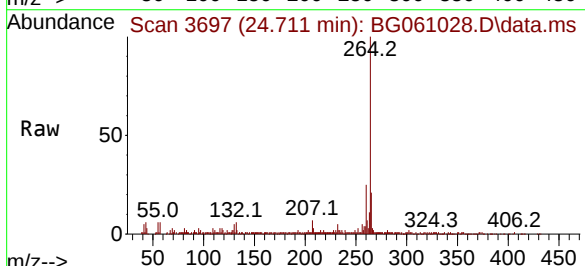
Tgt Ion:264 Resp: 222444

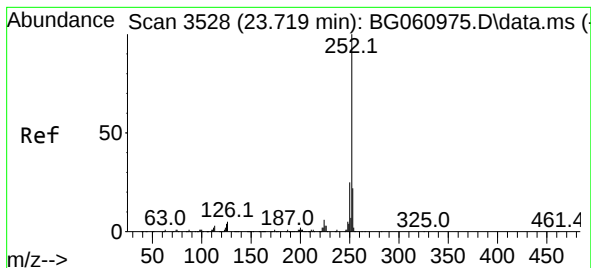
Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

265 21.2 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 7.003 ng

RT: 23.724 min Scan# 3529

Delta R.T. 0.005 min

Lab File: BG061028.D

Acq: 24 Apr 2024 18:14

Instrument :

BNA_G

ClientSampleId :

AU-05-042324

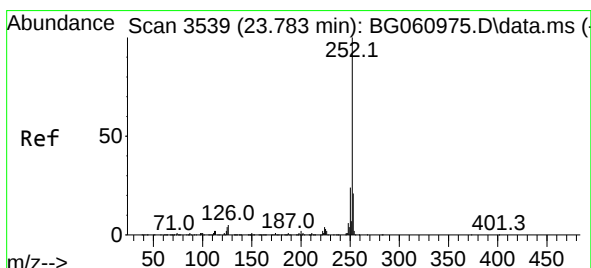
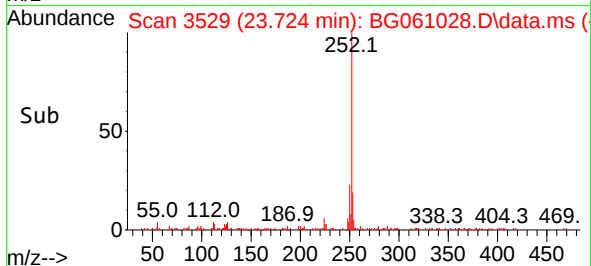
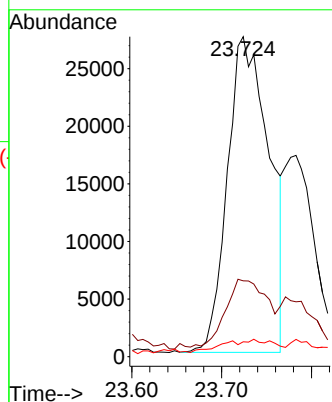
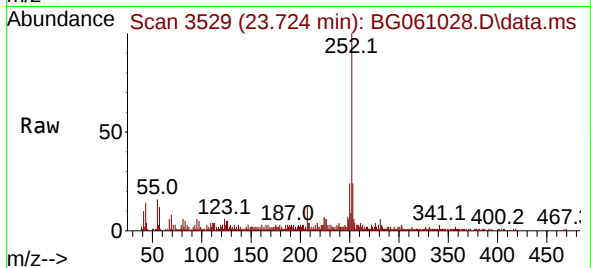
Tgt Ion:252 Resp: 88282

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

125 4.6 3.3 4.9



#89

Benzo(k)fluoranthene

Concen: 6.937 ng

RT: 23.724 min Scan# 3529

Delta R.T. -0.059 min

Lab File: BG061028.D

Acq: 24 Apr 2024 18:14

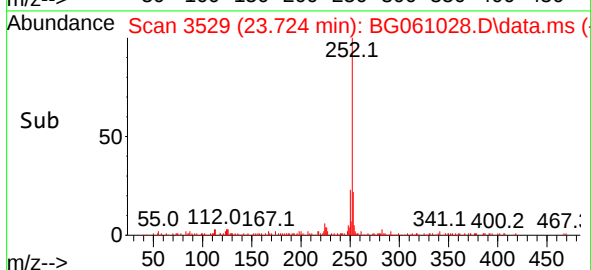
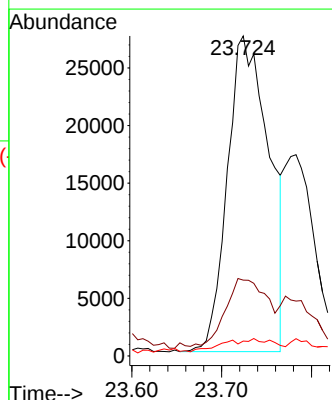
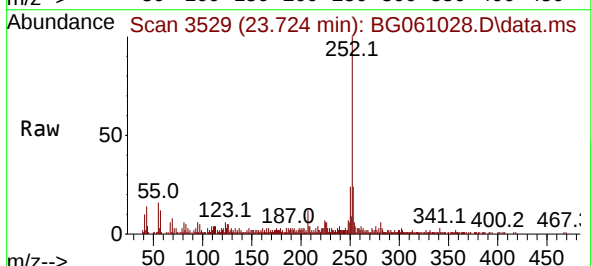
Tgt Ion:252 Resp: 88282

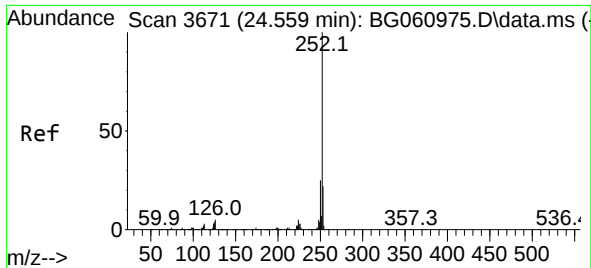
Ion Ratio Lower Upper

252 100

253 23.7 16.6 25.0

125 4.6 3.3 4.9





#90
Benzo(a)pyrene
Concen: 4.763 ng
RT: 24.564 min Scan# 30
Delta R.T. 0.005 min
Lab File: BG061028.D
Acq: 24 Apr 2024 18:14

Instrument :
BNA_G
ClientSampleId :
AU-05-042324

Tgt Ion:252 Resp: 58113
Ion Ratio Lower Upper
252 100
253 27.8 17.7 26.5#
125 5.9 3.6 5.4#

