

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060997.D
 Acq On : 22 Apr 2024 18:48
 Operator : MA/JU
 Sample : P2147-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-A

Quant Time: Apr 23 02:19:43 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)

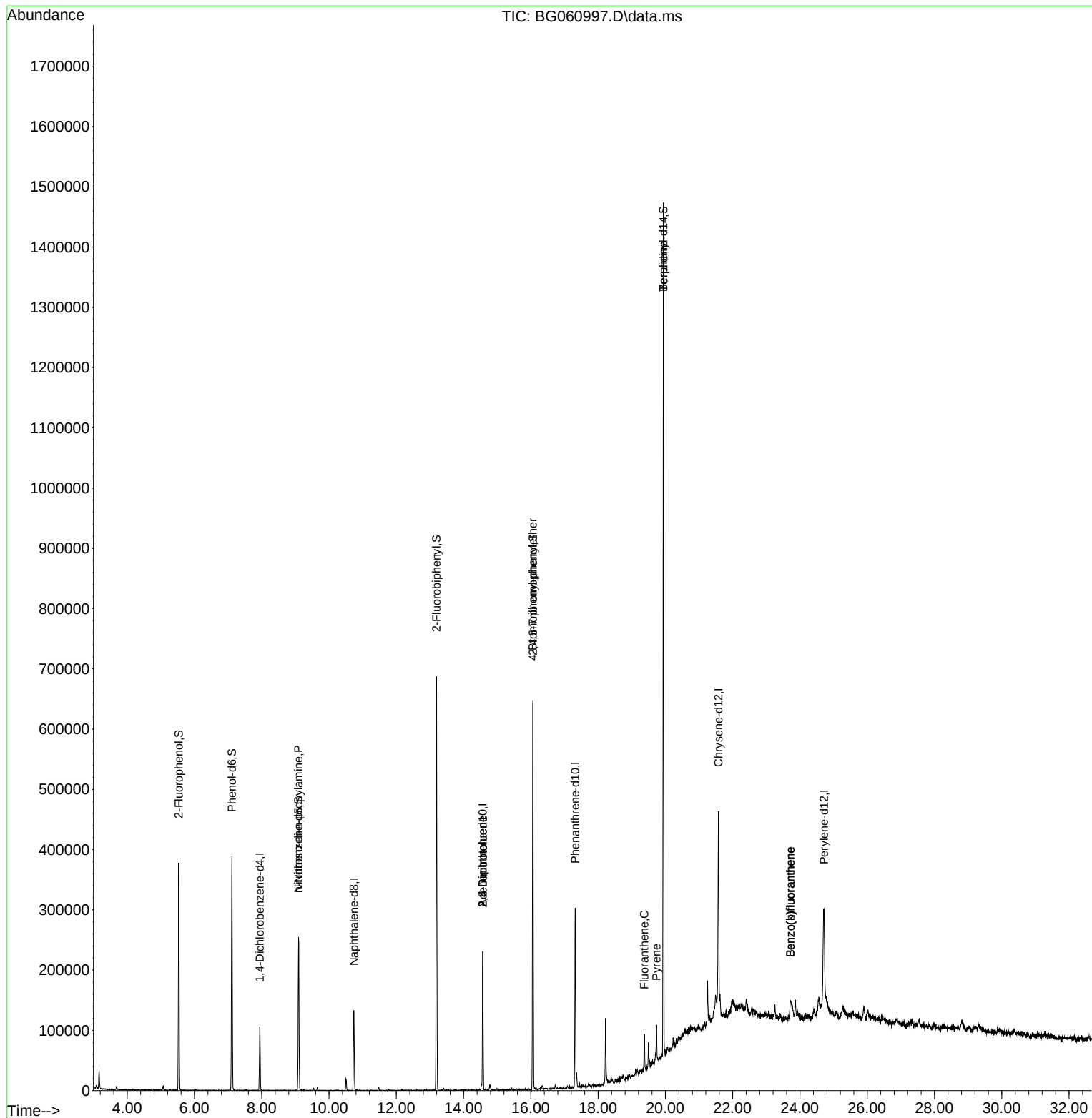
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	26954	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	105615	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	81707	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	193409	20.000	ng	0.00
76) Chrysene-d12	21.579	240	191509	20.000	ng	0.00
86) Perylene-d12	24.710	264	227428	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	132905	99.738	ng	0.00
7) Phenol-d6	7.113	99	173638	87.823	ng	0.00
23) Nitrobenzene-d5	9.093	82	128880	54.826	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	144940	80.781	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	354881	60.112	ng	0.00
79) Terphenyl-d14	19.939	244	698201	56.591	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	19505	13.238	ng	# 70
51) 2,6-Dinitrotoluene	14.569	165	10948	7.787	ng	# 17
57) 2,4-Dinitrotoluene	14.569	165	10948	5.407	ng	# 21
67) 4-Bromophenyl-phenylether	16.056	248	9232	3.617	ng	# 1
75) Fluoranthene	19.369	202	36105	2.756	ng	93
77) Benzidine	19.939	184	12610	3.554	ng	# 91
78) Pyrene	19.734	202	36764	2.819	ng	98
88) Benzo(b)fluoranthene	23.717	252	33595	2.607	ng	# 95
89) Benzo(k)fluoranthene	23.717	252	33595	2.582	ng	# 92

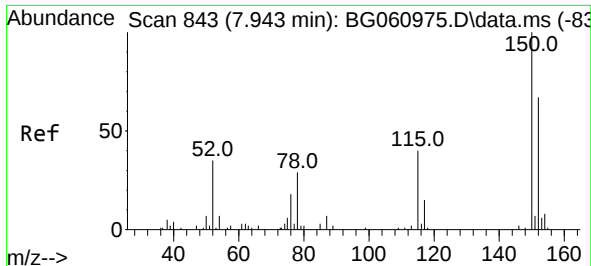
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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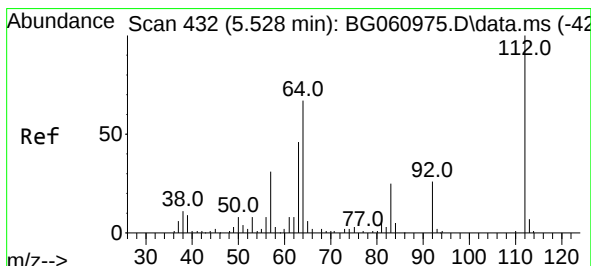
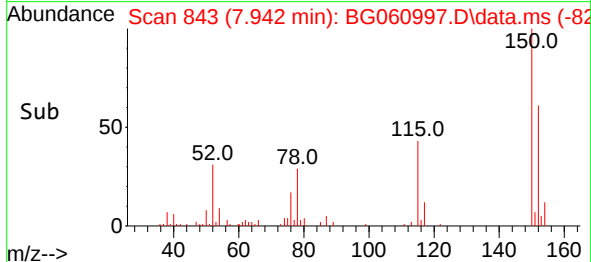
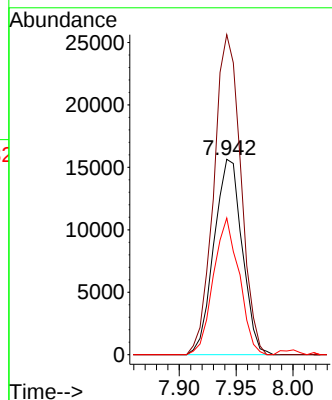
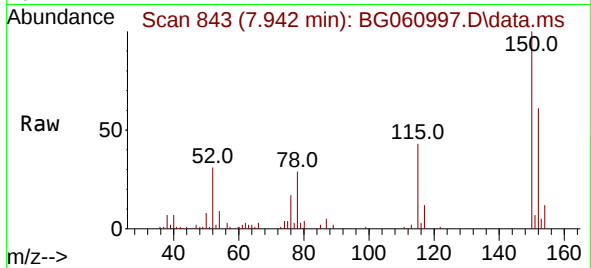




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

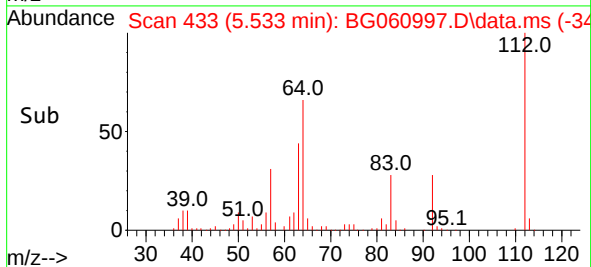
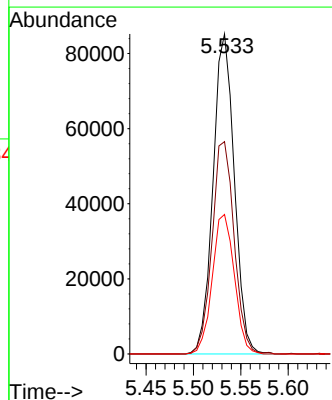
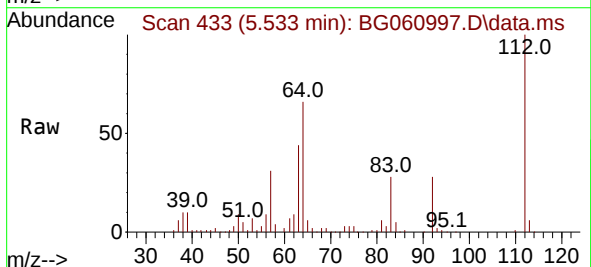
Instrument :
BNA_G
ClientSampleId :
COMP-A

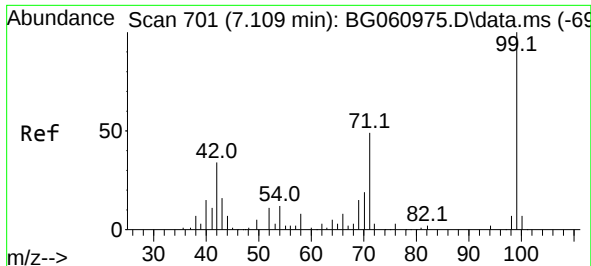
Tgt Ion:152 Resp: 26954
Ion Ratio Lower Upper
152 100
150 163.8 118.6 178.0
115 69.9 47.4 71.0



#5
2-Fluorophenol
Concen: 99.738 ng
RT: 5.533 min Scan# 433
Delta R.T. 0.005 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion:112 Resp: 132905
Ion Ratio Lower Upper
112 100
64 66.4 53.7 80.5
63 43.6 37.0 55.6

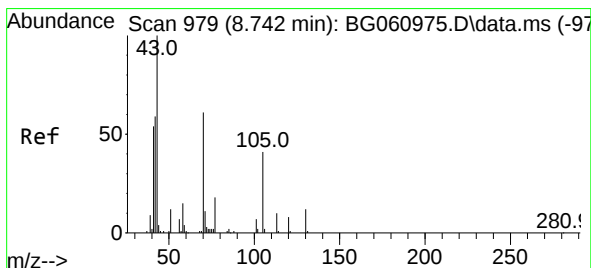
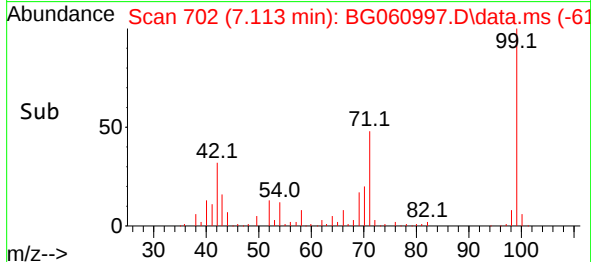
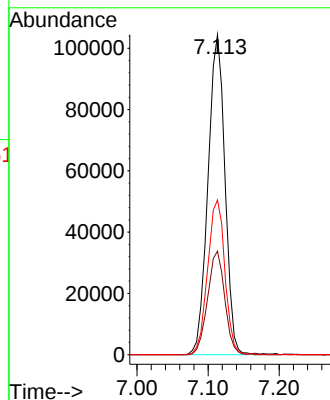
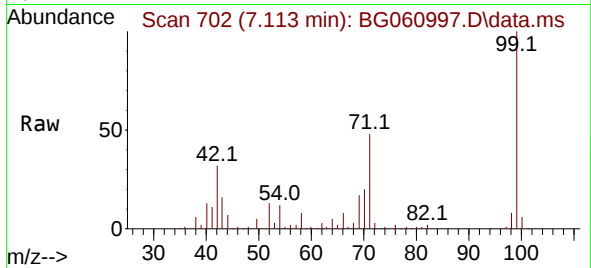




#7
Phenol-d6
Concen: 87.823 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

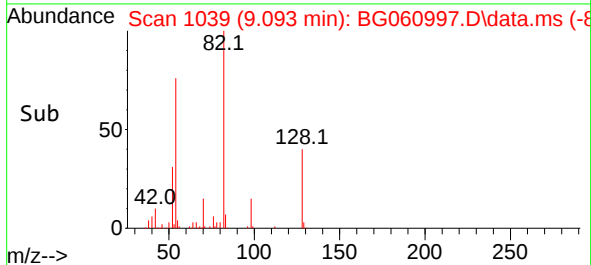
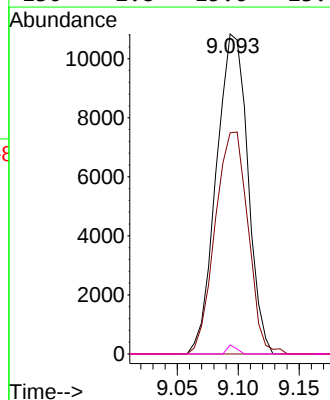
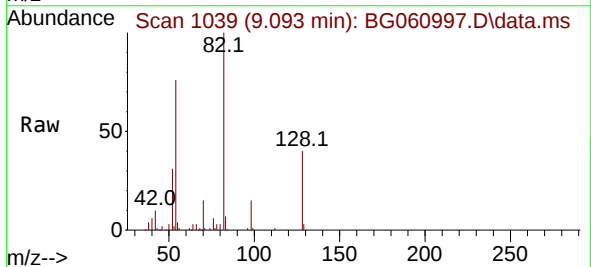
Instrument :
BNA_G
ClientSampleId :
COMP-A

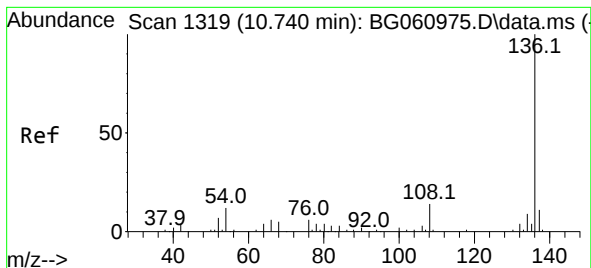
Tgt Ion: 99 Resp: 173638
Ion Ratio Lower Upper
99 100
42 32.3 27.2 40.8
71 48.4 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.238 ng
RT: 9.093 min Scan# 1039
Delta R.T. 0.351 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion: 70 Resp: 19505
Ion Ratio Lower Upper
70 100
42 69.1 78.0 117.0#
101 0.0 8.6 13.0#
130 2.8 15.6 23.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.738 min Scan# 1319

Delta R.T. -0.002 min

Lab File: BG060997.D

Acq: 22 Apr 2024 18:48

Instrument :

BNA_G

ClientSampleId :

COMP-A

Tgt Ion:136 Resp: 105615

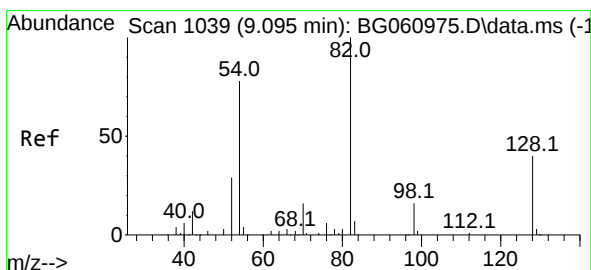
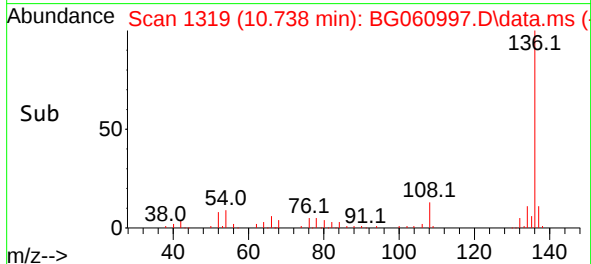
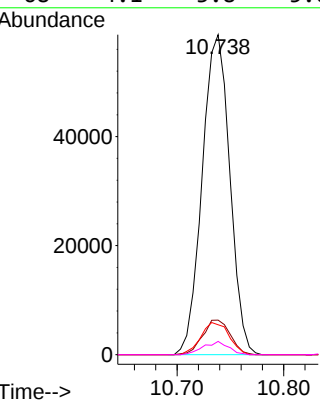
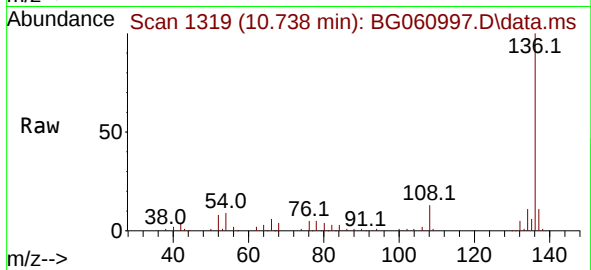
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.4 9.4 14.0

68 4.1 3.8 5.6



#23

Nitrobenzene-d5

Concen: 54.826 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.001 min

Lab File: BG060997.D

Acq: 22 Apr 2024 18:48

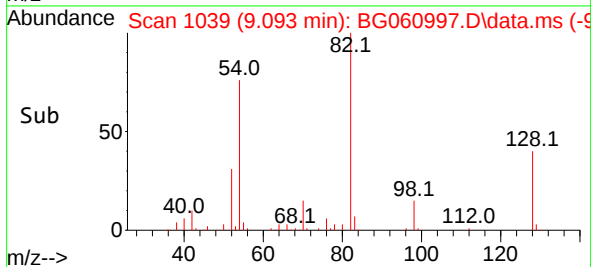
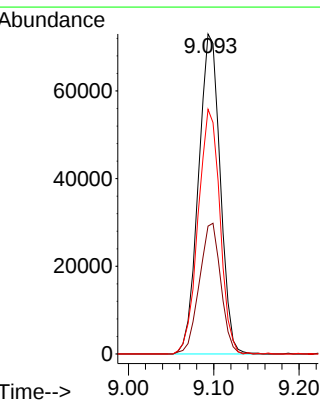
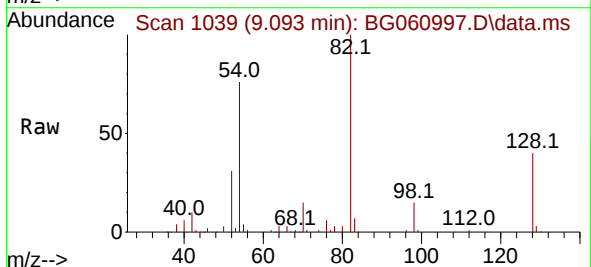
Tgt Ion: 82 Resp: 128880

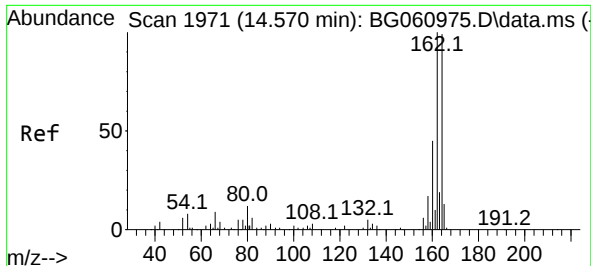
Ion Ratio Lower Upper

82 100

128 40.0 32.1 48.1

54 76.4 62.3 93.5

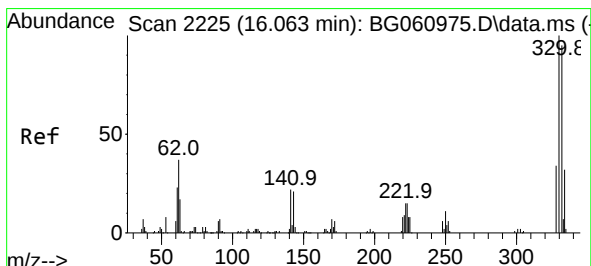
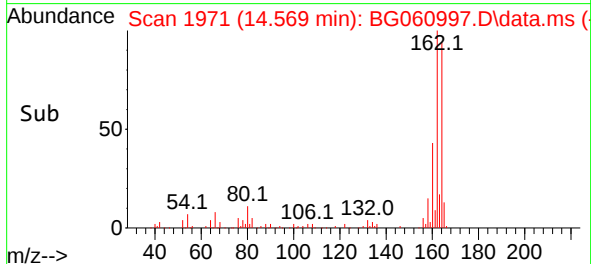
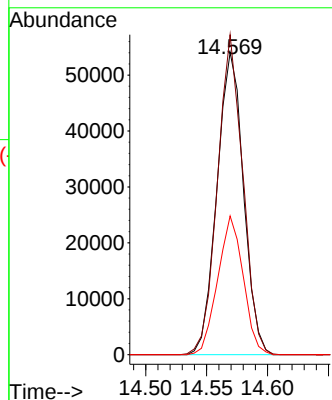
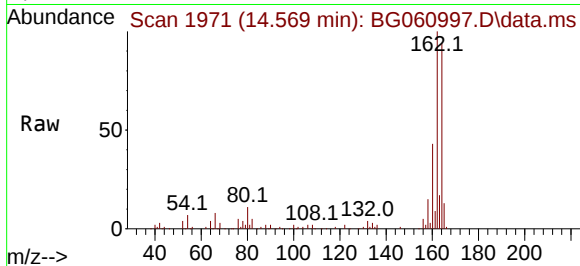




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

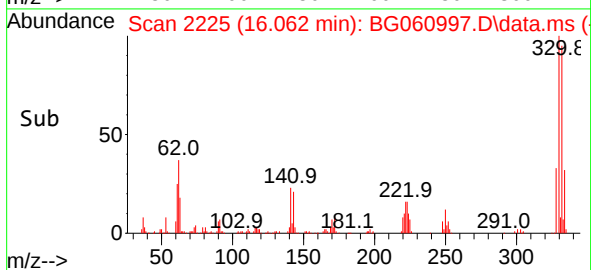
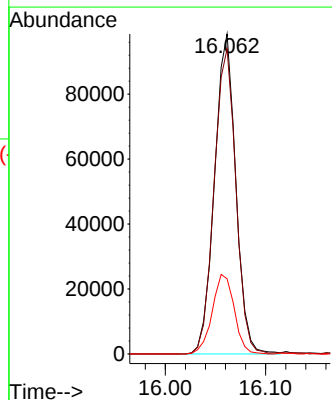
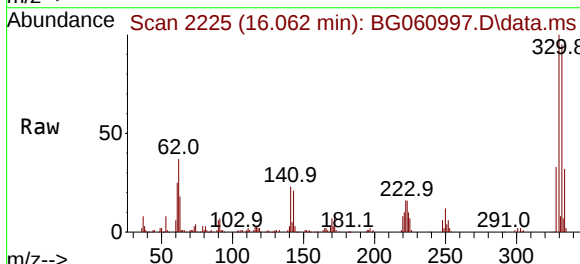
Instrument :
BNA_G
ClientSampleId :
COMP-A

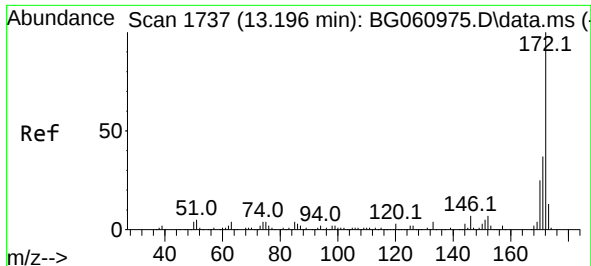
Tgt Ion:164 Resp: 81707
Ion Ratio Lower Upper
164 100
162 105.8 81.2 121.8
160 45.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 80.781 ng
RT: 16.062 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion:330 Resp: 144940
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 25.7 20.6 31.0

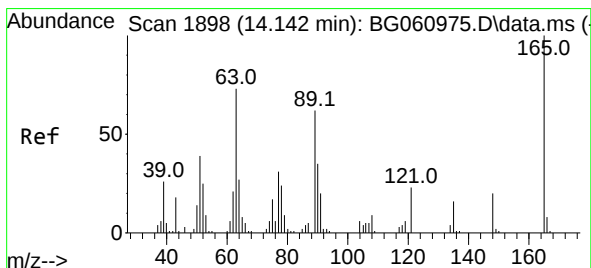
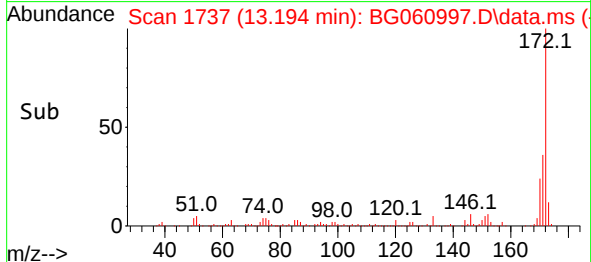
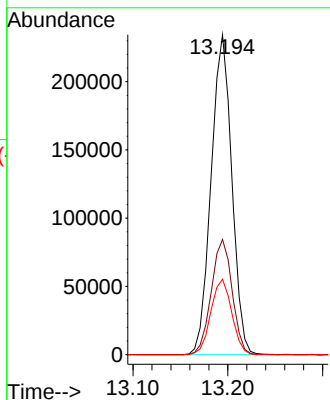
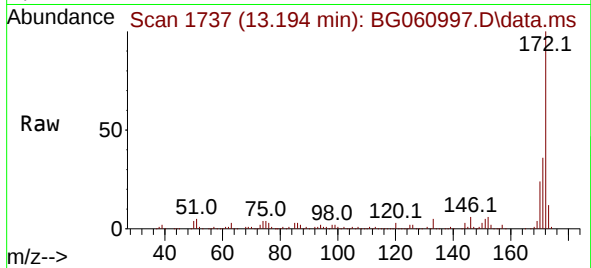




#45
2-Fluorobiphenyl
Concen: 60.112 ng
RT: 13.194 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

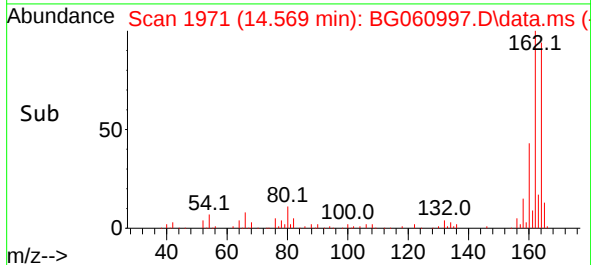
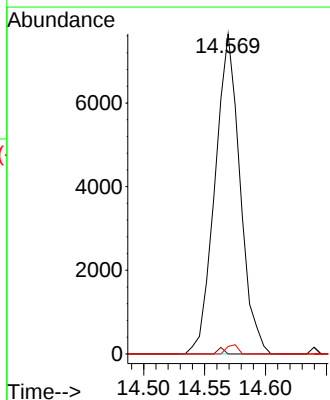
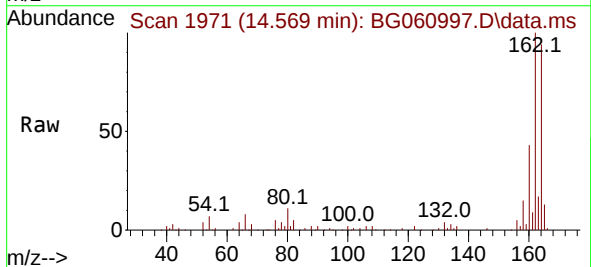
Instrument :
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ClientSampleId :
COMP-A

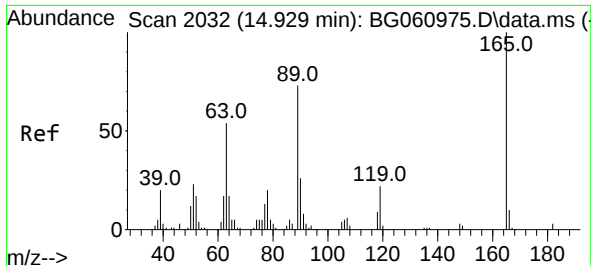
Tgt Ion:172 Resp: 354881
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.6 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.787 ng
RT: 14.569 min Scan# 1971
Delta R.T. 0.428 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion:165 Resp: 10948
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 2.3 49.4 74.0#

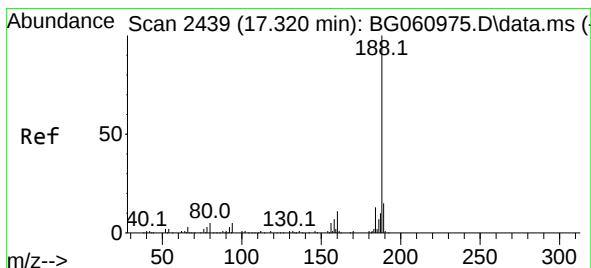
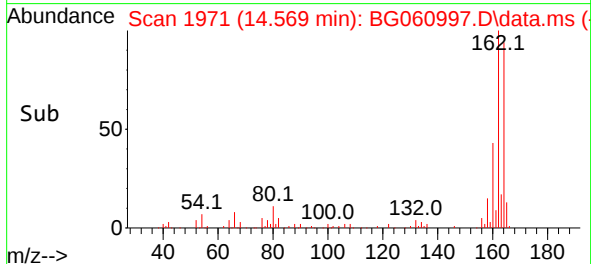
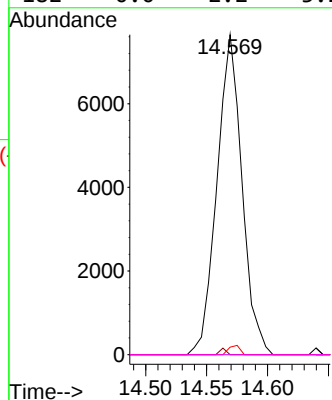
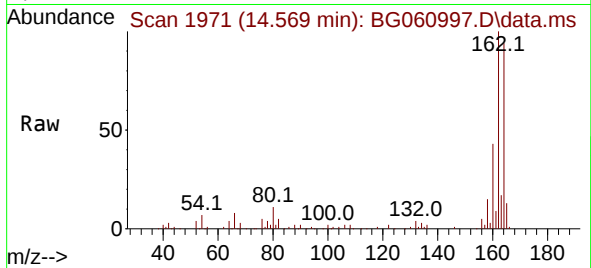




#57
2,4-Dinitrotoluene
Concen: 5.407 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.360 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

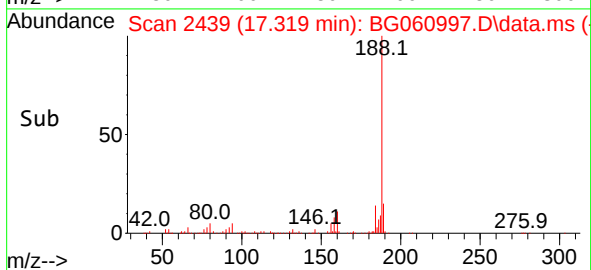
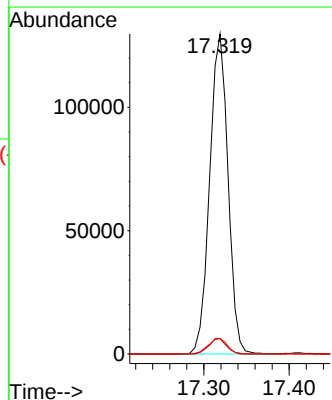
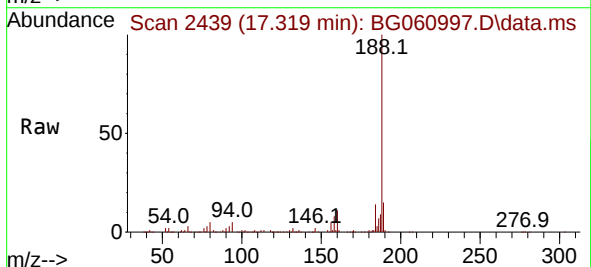
Instrument :
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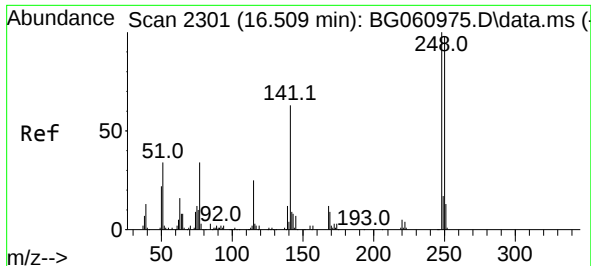
Tgt Ion:165 Resp: 10948
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 2.3 58.4 87.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion:188 Resp: 193409
Ion Ratio Lower Upper
188 100
94 4.8 4.1 6.1
80 4.8 4.0 6.0

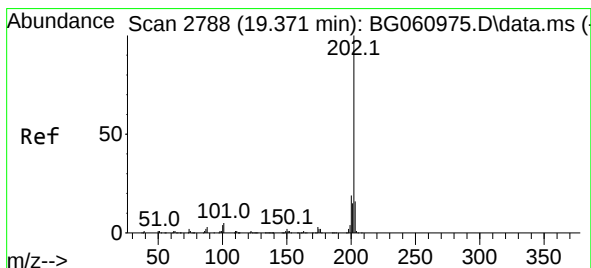
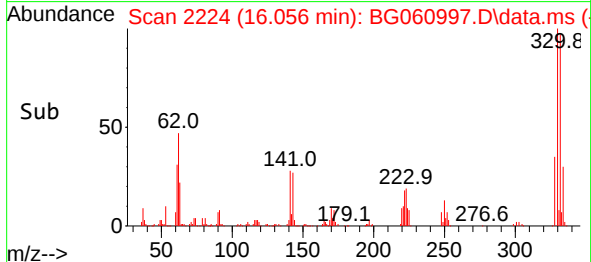
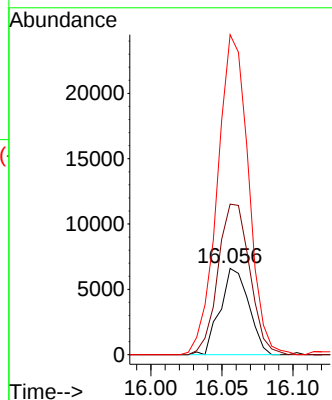
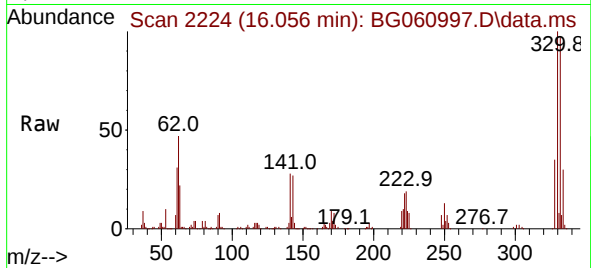




#67
4-Bromophenyl-phenylether
Concen: 3.617 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

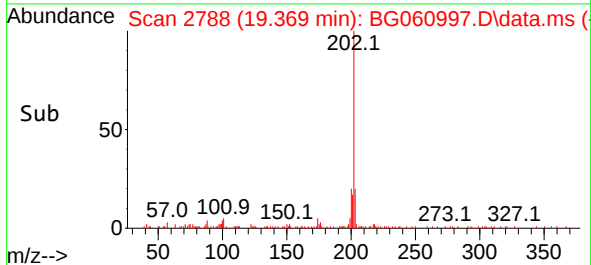
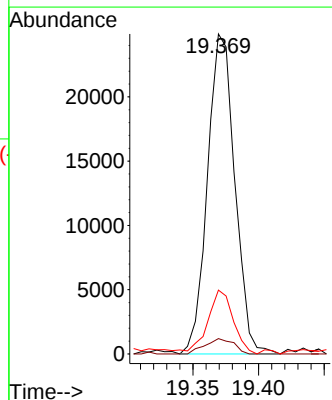
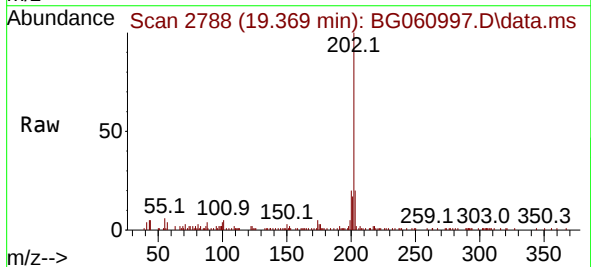
Instrument :
BNA_G
ClientSampleId :
COMP-A

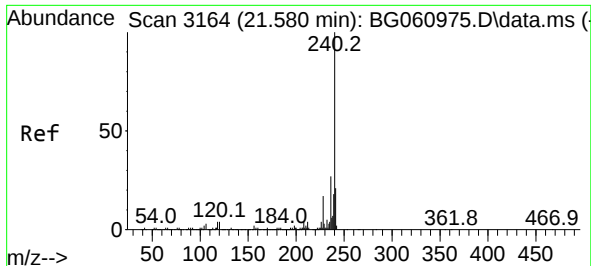
Tgt Ion:248 Resp: 9232
Ion Ratio Lower Upper
248 100
250 174.5 78.7 118.1#
141 371.0 50.4 75.6#



#75
Fluoranthene
Concen: 2.756 ng
RT: 19.369 min Scan# 2788
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion:202 Resp: 36105
Ion Ratio Lower Upper
202 100
101 4.8 0.0 24.9
203 19.9 0.0 36.2

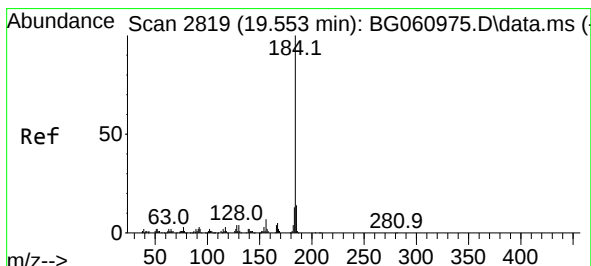
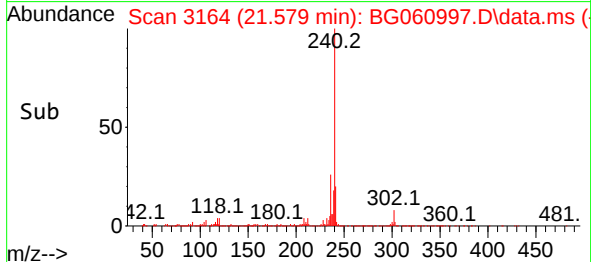
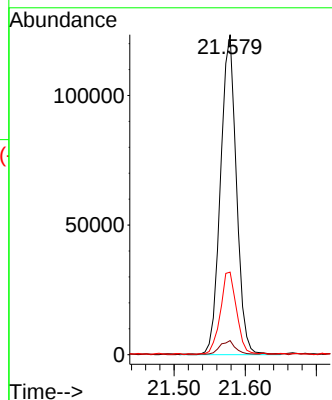
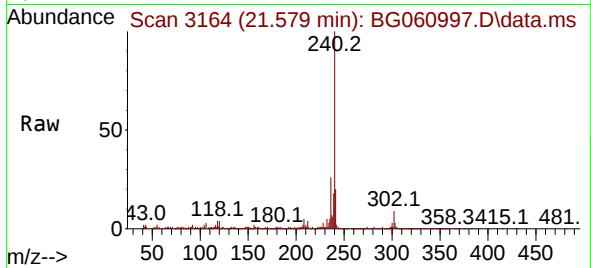




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.579 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

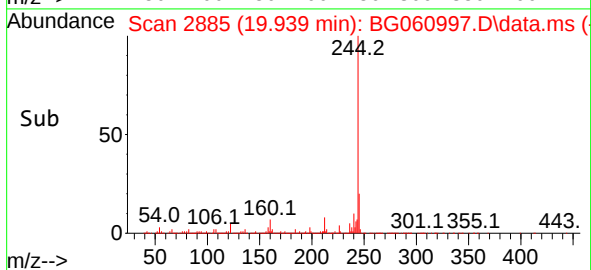
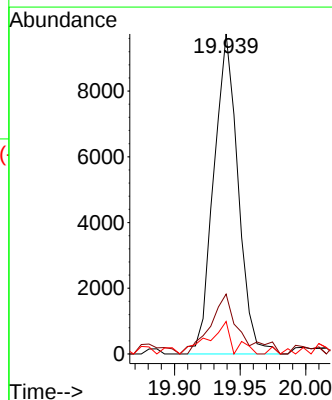
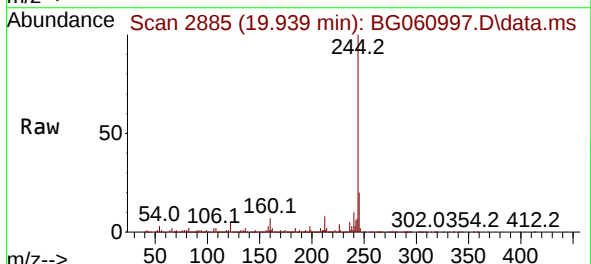
Instrument :
BNA_G
ClientSampleId :
COMP-A

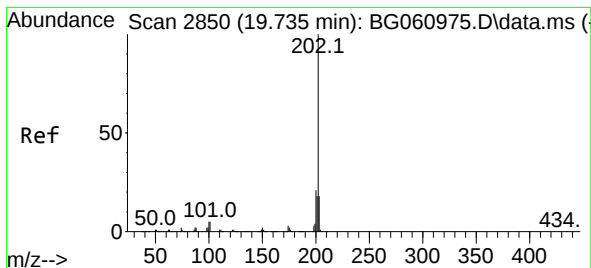
Tgt Ion:240 Resp: 191509
Ion Ratio Lower Upper
240 100
120 4.4 3.0 4.6
236 25.8 21.8 32.6



#77
Benzidine
Concen: 3.554 ng
RT: 19.939 min Scan# 2885
Delta R.T. 0.386 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion:184 Resp: 12610
Ion Ratio Lower Upper
184 100
185 18.7 11.3 16.9#
183 10.1 10.2 15.2#





#78

Pyrene

Concen: 2.819 ng

RT: 19.734 min Scan# 2850

Delta R.T. -0.001 min

Lab File: BG060997.D

Acq: 22 Apr 2024 18:48

Instrument :

BNA_G

ClientSampleId :

COMP-A

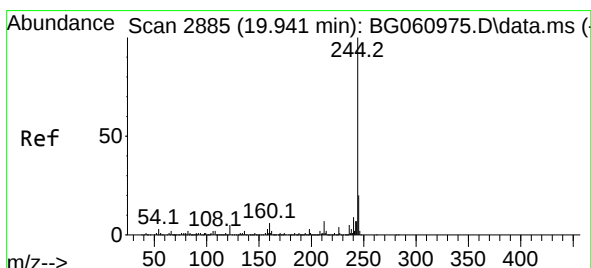
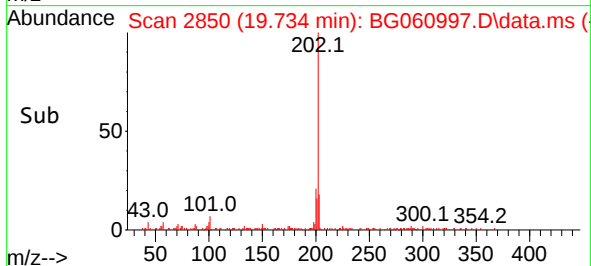
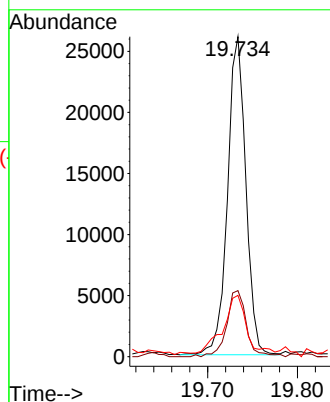
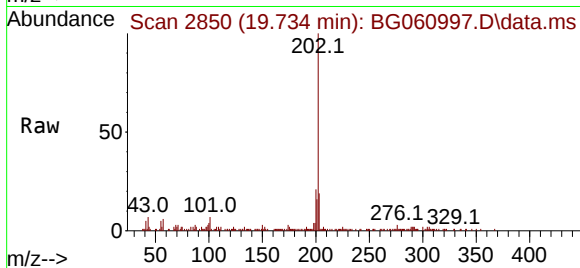
Tgt Ion:202 Resp: 36764

Ion	Ratio	Lower	Upper
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202	100		
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200	20.7	16.8	25.2
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203	19.2	14.2	21.2
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#79

Terphenyl-d14

Concen: 56.591 ng

RT: 19.939 min Scan# 2885

Delta R.T. -0.001 min

Lab File: BG060997.D

Acq: 22 Apr 2024 18:48

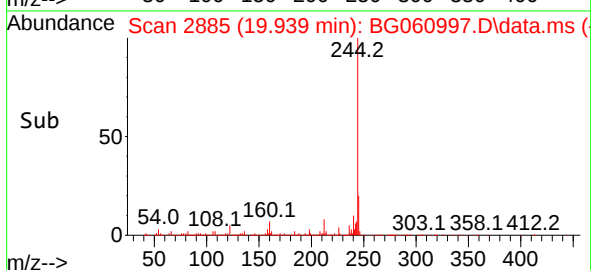
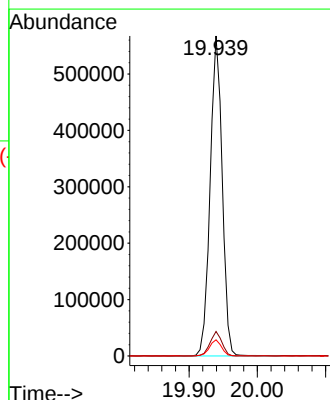
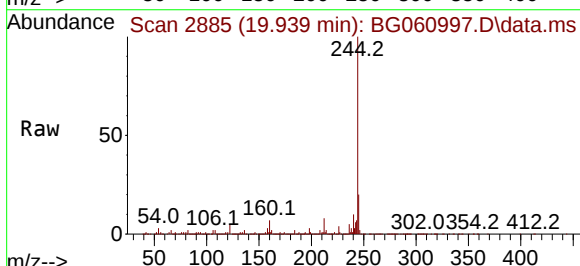
Tgt Ion:244 Resp: 698201

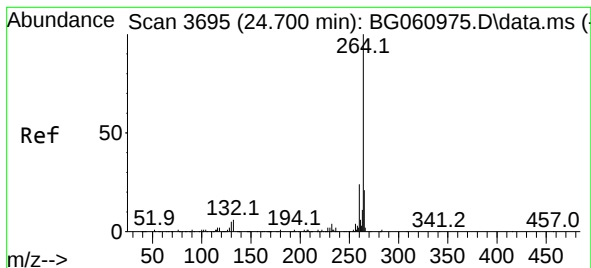
Ion	Ratio	Lower	Upper
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244	100		
-----	-----	--	--

212	7.6	5.9	8.9
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122	5.0	4.2	6.2
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#86

Perylene-d12

Concen: 20.000 ng

RT: 24.710 min Scan# 3

Delta R.T. 0.011 min

Lab File: BG060997.D

Acq: 22 Apr 2024 18:48

Instrument :

BNA_G

ClientSampleId :

COMP-A

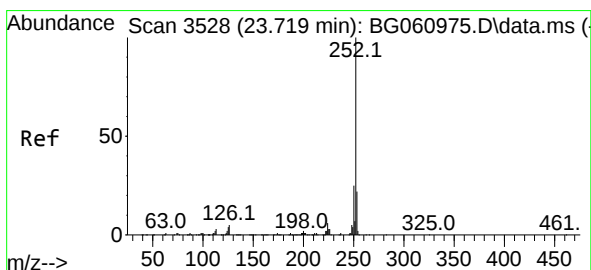
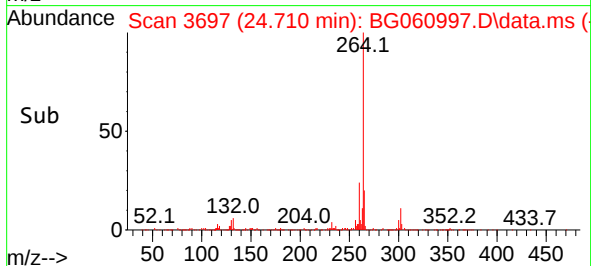
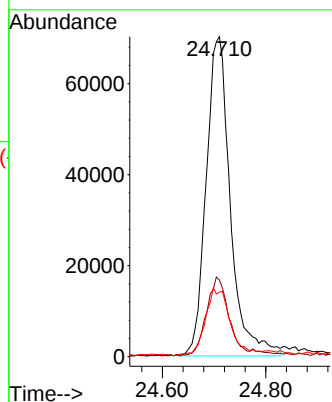
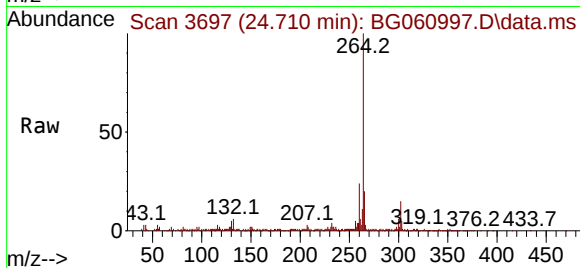
Tgt Ion:264 Resp: 227428

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 20.2 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.607 ng

RT: 23.717 min Scan# 3528

Delta R.T. -0.001 min

Lab File: BG060997.D

Acq: 22 Apr 2024 18:48

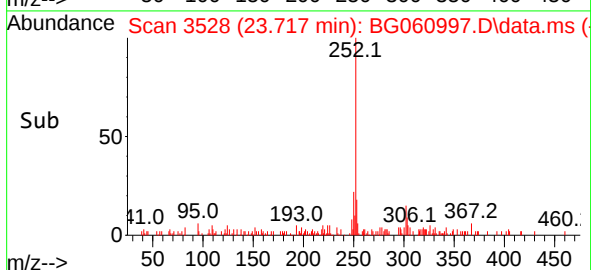
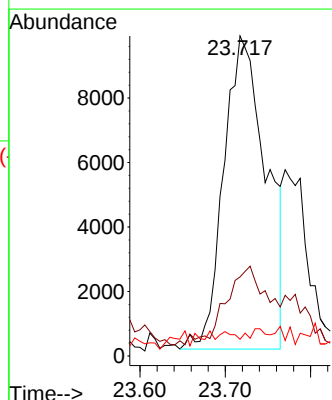
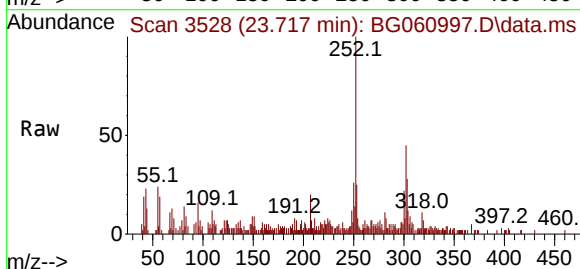
Tgt Ion:252 Resp: 33595

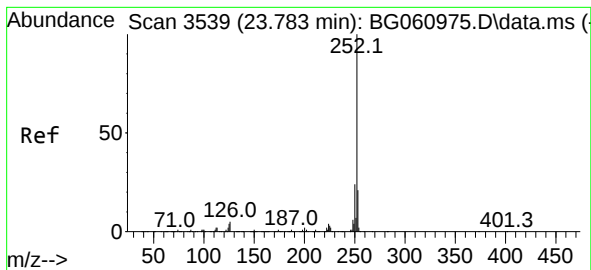
Ion Ratio Lower Upper

252 100

253 24.7 17.5 26.3

125 5.2 3.3 4.9#





#89

Benzo(k)fluoranthene

Concen: 2.582 ng

RT: 23.717 min Scan# 3

Delta R.T. -0.066 min

Lab File: BG060997.D

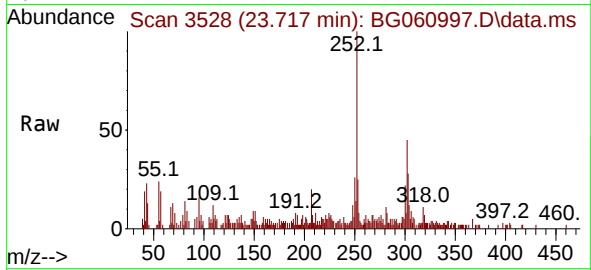
Acq: 22 Apr 2024 18:48

Instrument :

BNA_G

ClientSampleId :

COMP-A



Tgt Ion:252 Resp: 33595

Ion Ratio Lower Upper

252 100

253 24.7 16.6 25.0

125 5.2 3.3 4.9#

