

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060988.D
 Acq On : 22 Apr 2024 12:26
 Operator : MA/JU
 Sample : PB160353BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160353BL

Quant Time: Apr 23 02:15:38 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)

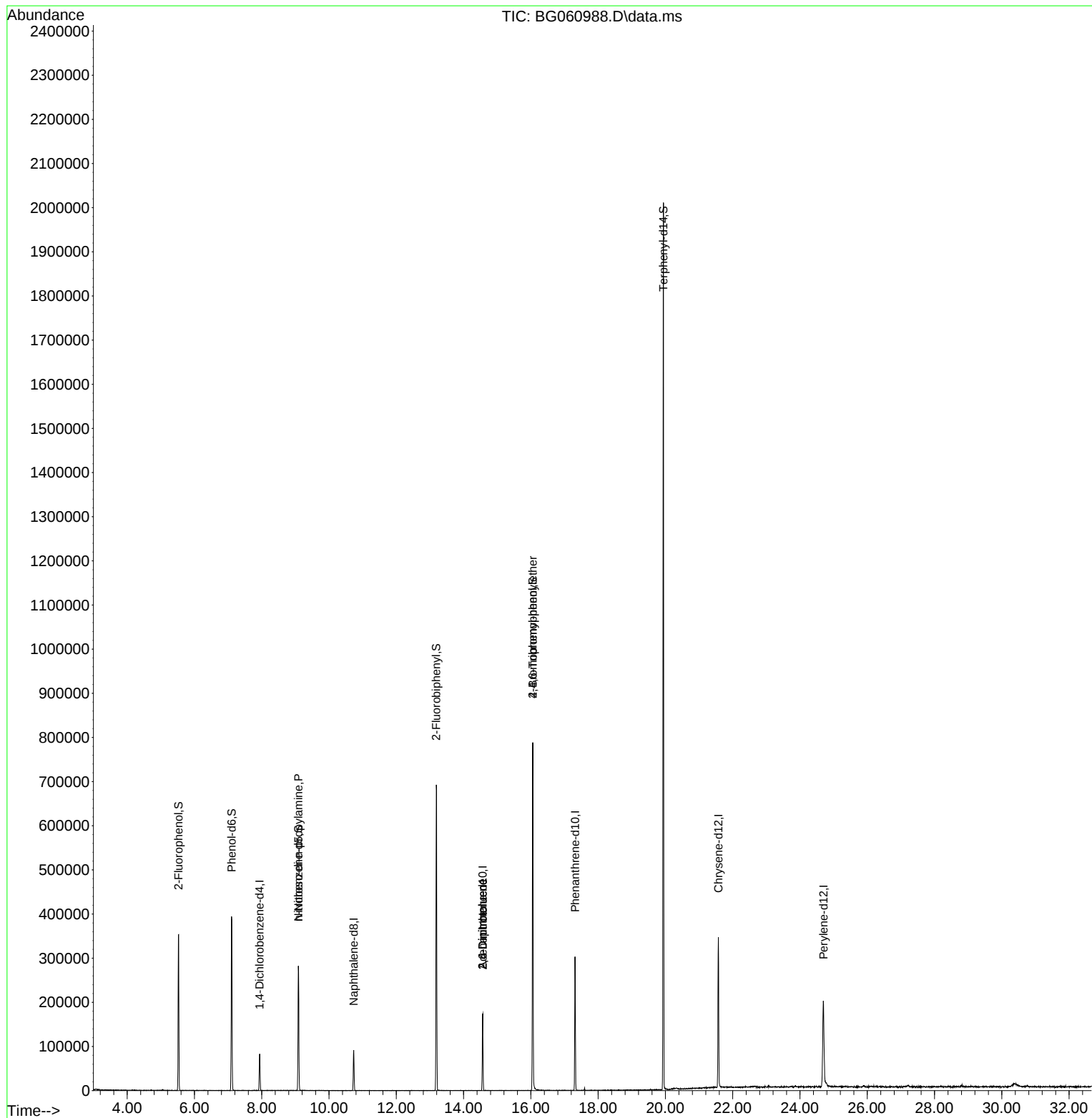
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	22288	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	71421	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	65258	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	190085	20.000	ng	0.00
76) Chrysene-d12	21.573	240	212342	20.000	ng	# 0.00
86) Perylene-d12	24.699	264	244790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	123227	111.835	ng	0.00
7) Phenol-d6	7.102	99	179743	109.943	ng	0.00
23) Nitrobenzene-d5	9.088	82	143302	90.147	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	175276	122.313	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	374614	79.449	ng	0.00
79) Terphenyl-d14	19.940	244	1055423	77.152	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.088	70	21559	17.695	ng	# 70
51) 2,6-Dinitrotoluene	14.569	165	8561	7.624	ng	# 16
57) 2,4-Dinitrotoluene	14.569	165	8561	5.294	ng	# 19
67) 4-Bromophenyl-phenylether	16.056	248	10658	4.248	ng	# 1

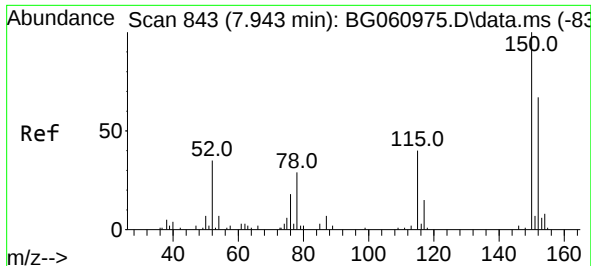
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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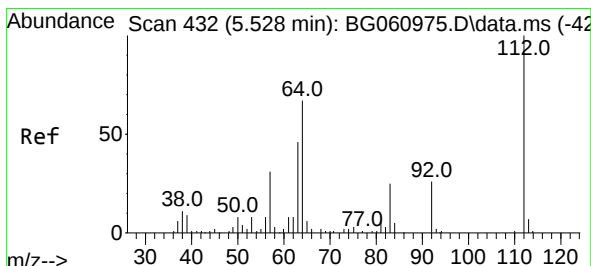
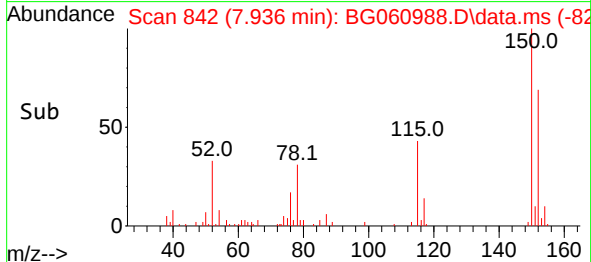
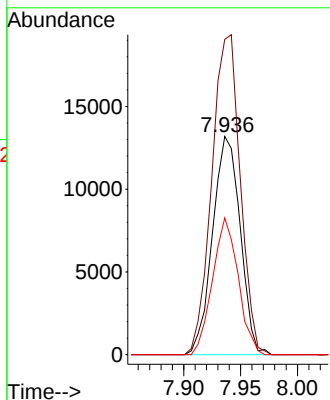
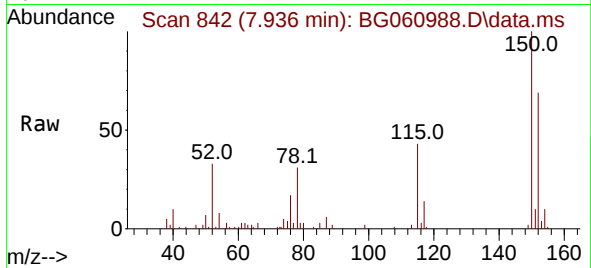




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 843
Delta R.T. -0.007 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

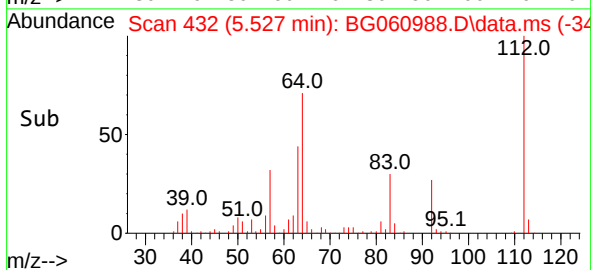
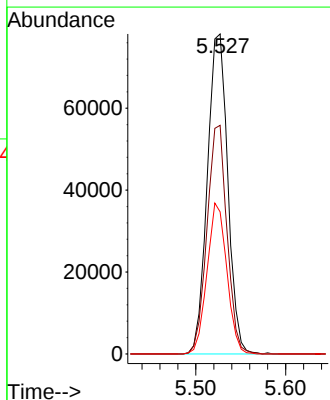
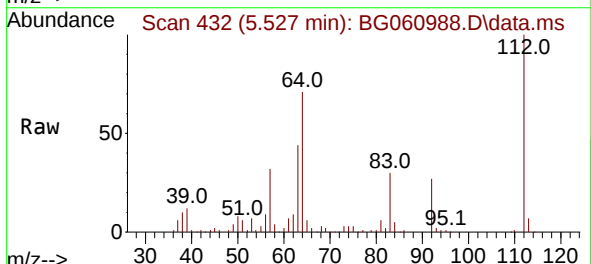
Instrument :
BNA_G
ClientSampleId :
PB160353BL

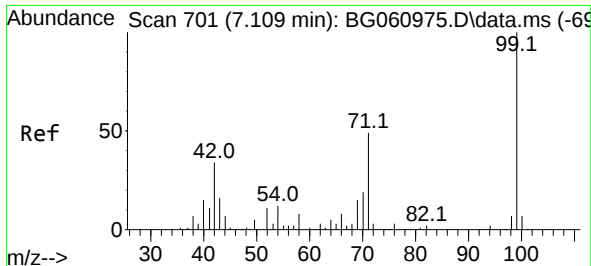
Tgt Ion:152 Resp: 22288
Ion Ratio Lower Upper
152 100
150 144.5 118.6 178.0
115 62.7 47.4 71.0



#5
2-Fluorophenol
Concen: 111.835 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

Tgt Ion:112 Resp: 123227
Ion Ratio Lower Upper
112 100
64 71.4 53.7 80.5
63 44.4 37.0 55.6

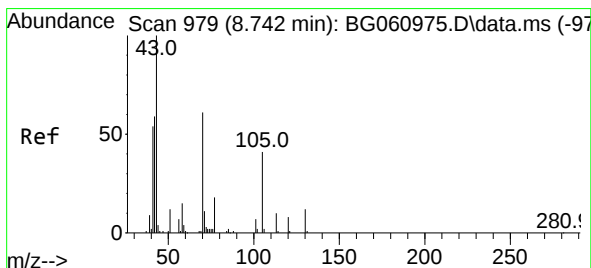
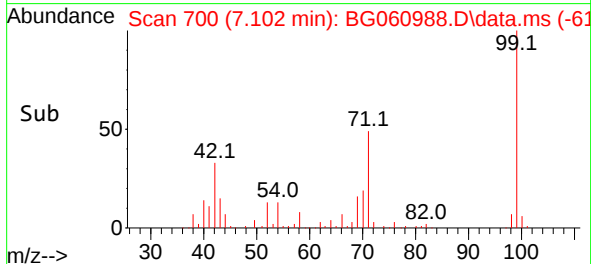
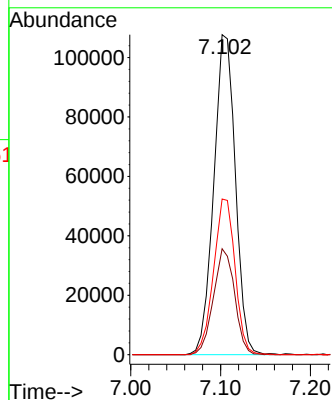
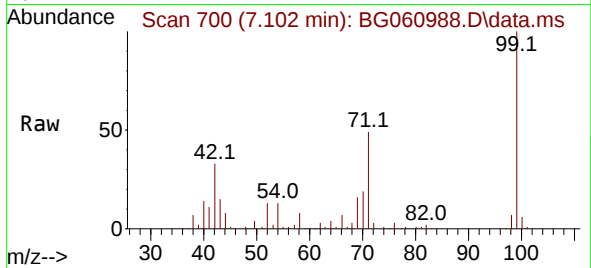




#7
Phenol-d6
Concen: 109.943 ng
RT: 7.102 min Scan# 701
Delta R.T. -0.007 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

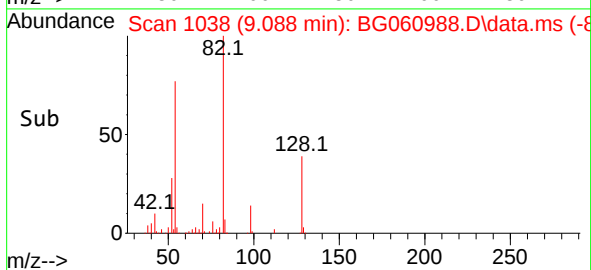
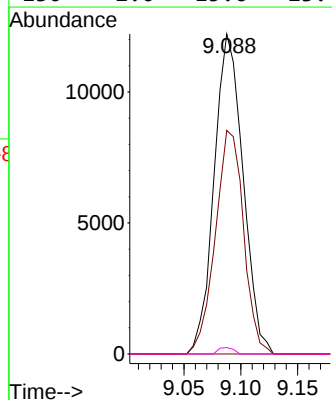
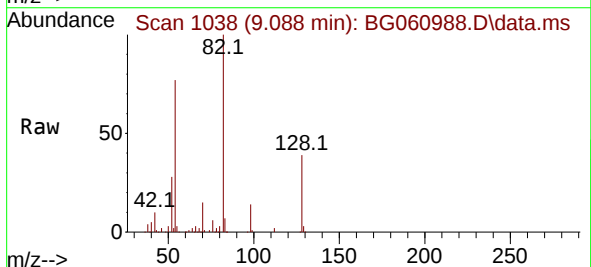
Instrument :
BNA_G
ClientSampleId :
PB160353BL

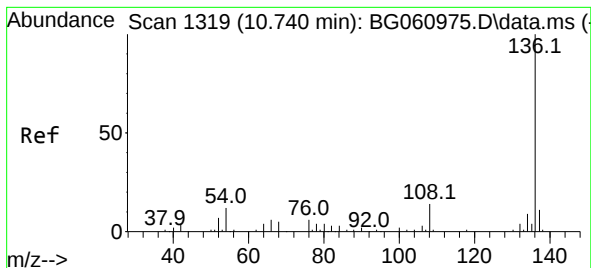
Tgt Ion: 99 Resp: 179743
Ion Ratio Lower Upper
99 100
42 33.1 27.2 40.8
71 48.7 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.695 ng
RT: 9.088 min Scan# 1038
Delta R.T. 0.346 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

Tgt Ion: 70 Resp: 21559
Ion Ratio Lower Upper
70 100
42 69.9 78.0 117.0#
101 0.0 8.6 13.0#
130 2.0 15.6 23.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.733 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG060988.D

Acq: 22 Apr 2024 12:26

Instrument :

BNA_G

ClientSampleId :

PB160353BL

Tgt Ion:136 Resp: 71421

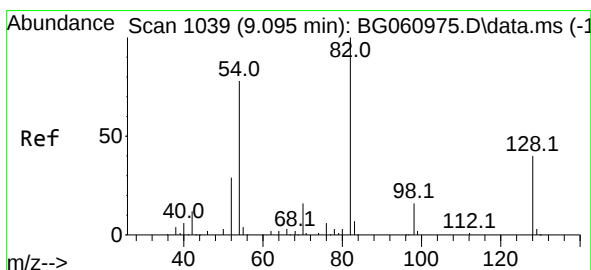
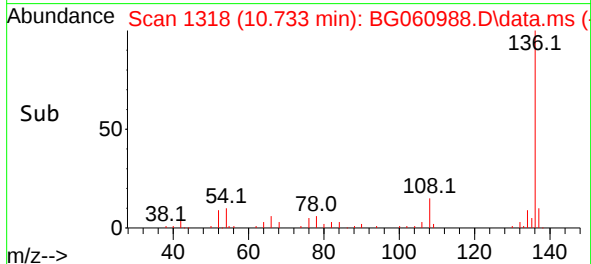
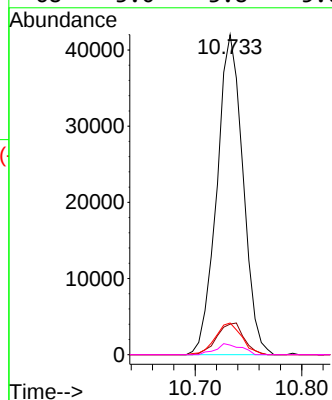
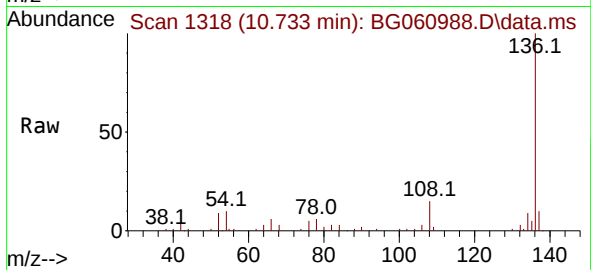
Ion Ratio Lower Upper

136 100

137 9.6 8.5 12.7

54 9.9 9.4 14.0

68 3.0 3.8 5.6#



#23

Nitrobenzene-d5

Concen: 90.147 ng

RT: 9.088 min Scan# 1038

Delta R.T. -0.007 min

Lab File: BG060988.D

Acq: 22 Apr 2024 12:26

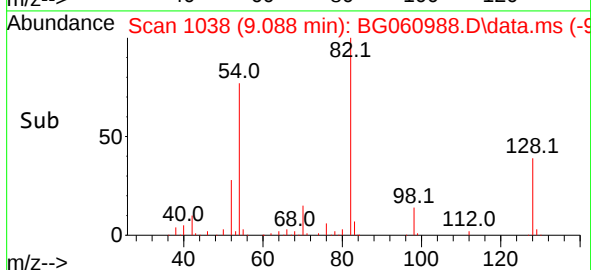
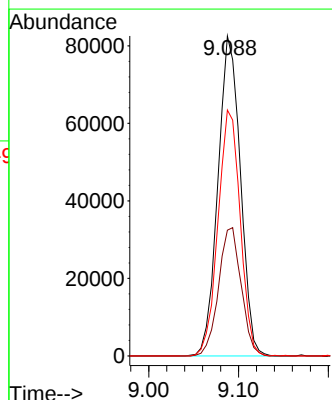
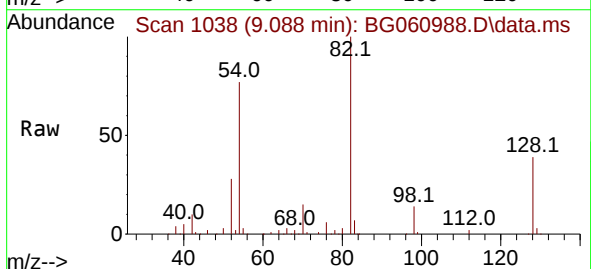
Tgt Ion: 82 Resp: 143302

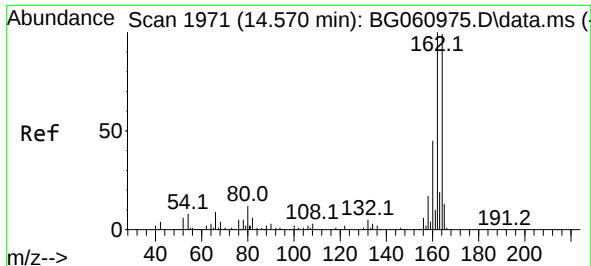
Ion Ratio Lower Upper

82 100

128 39.3 32.1 48.1

54 76.8 62.3 93.5

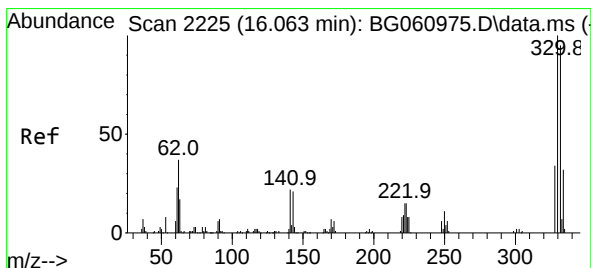
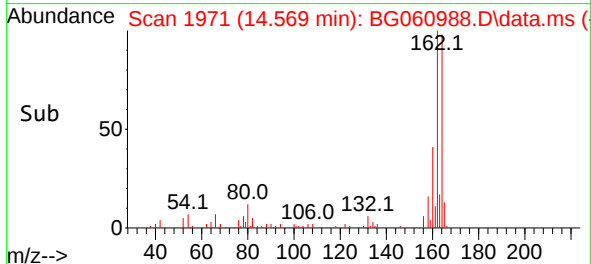
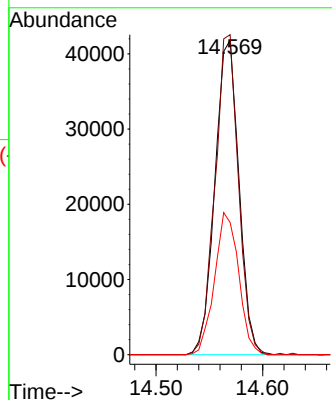
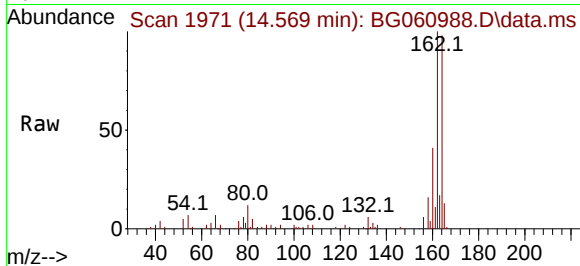




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

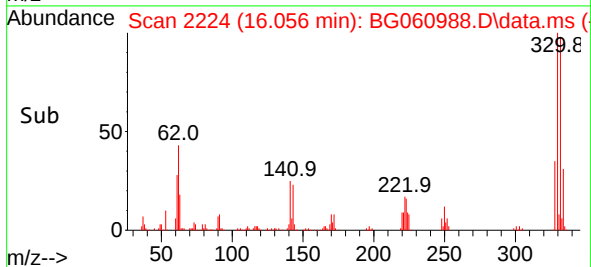
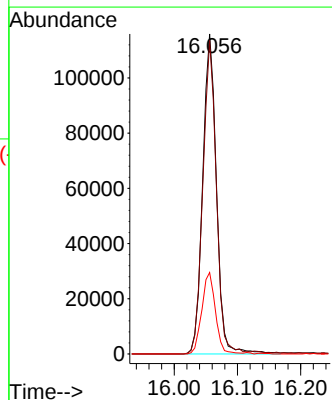
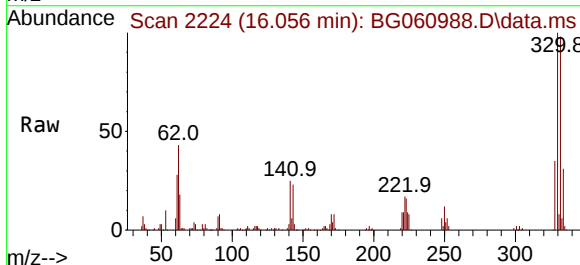
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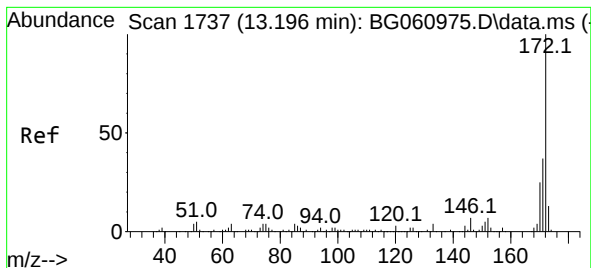
Tgt Ion:164 Resp: 65258
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 42.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 122.313 ng
RT: 16.056 min Scan# 2224
Delta R.T. -0.007 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

Tgt Ion:330 Resp: 175276
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 25.3 20.6 31.0

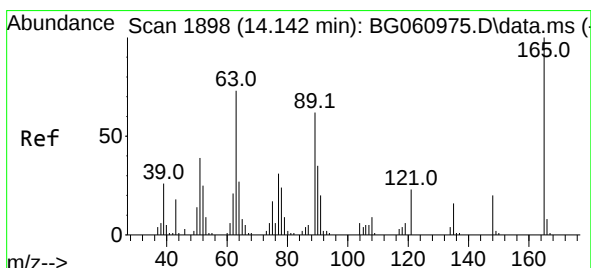
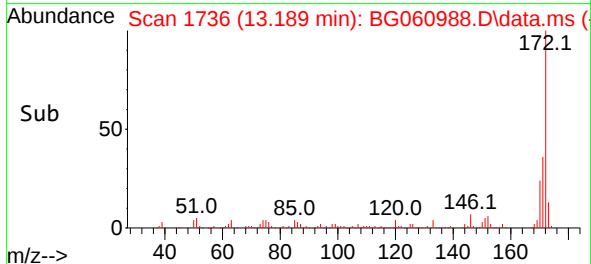
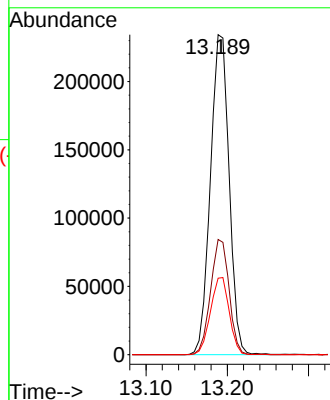
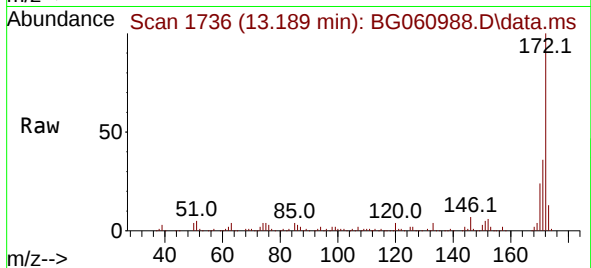




#45
2-Fluorobiphenyl
Concen: 79.449 ng
RT: 13.189 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

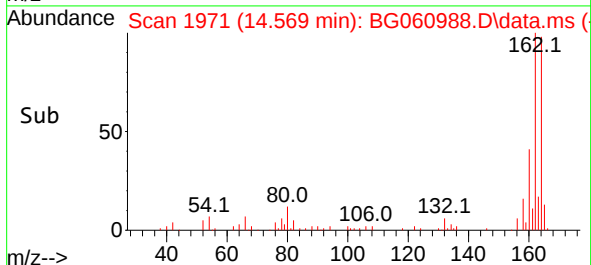
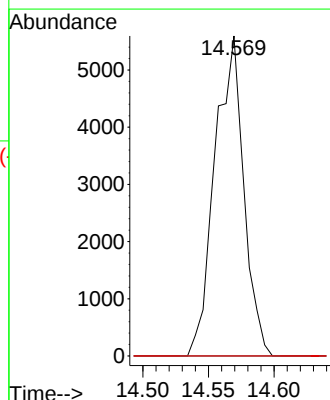
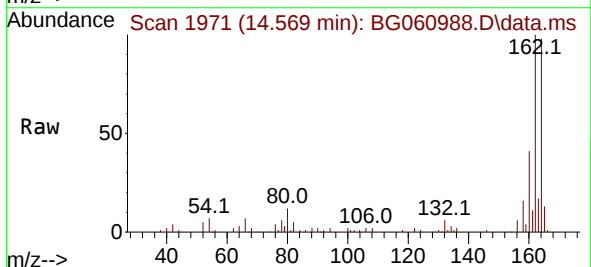
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ClientSampleId :
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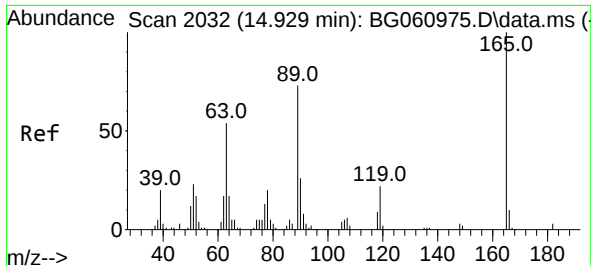
Tgt Ion:172 Resp: 374614
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.9 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.624 ng
RT: 14.569 min Scan# 1971
Delta R.T. 0.428 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

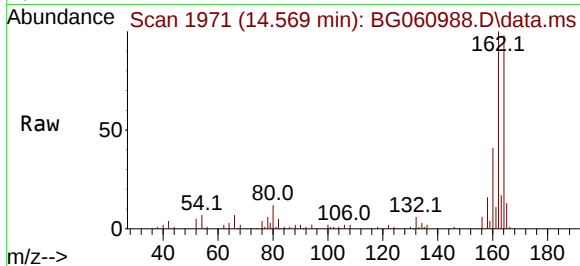
Tgt Ion:165 Resp: 8561
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 0.0 49.4 74.0#



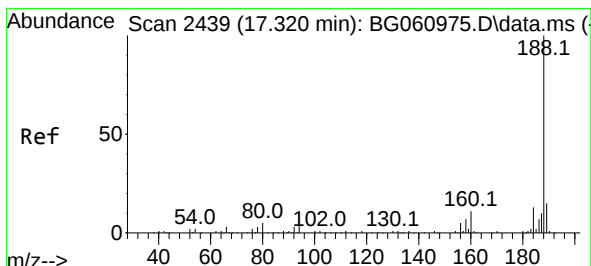
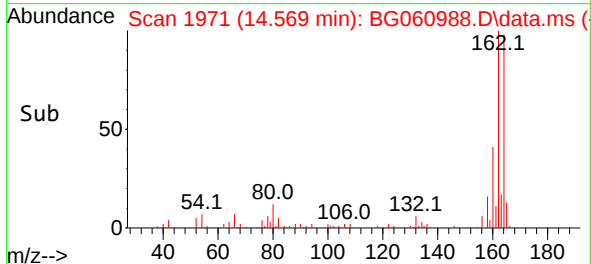
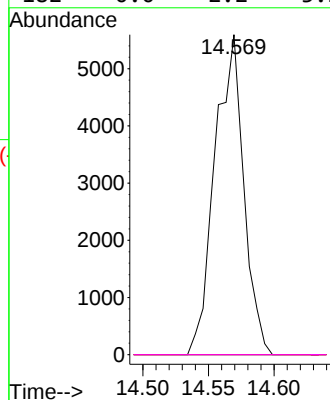


#57
2,4-Dinitrotoluene
Concen: 5.294 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.359 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

Instrument :
BNA_G
ClientSampleId :
PB160353BL

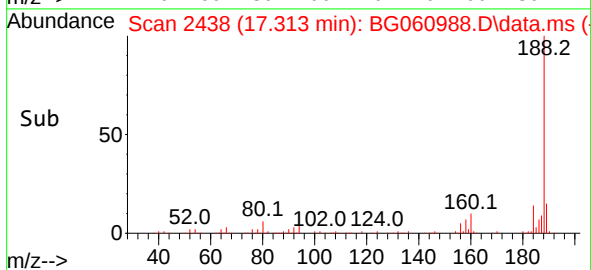
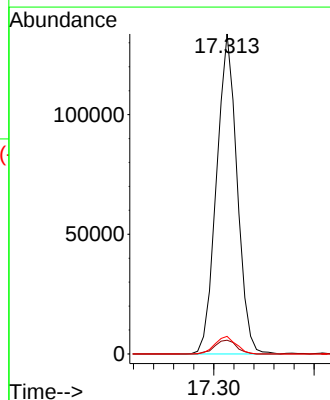
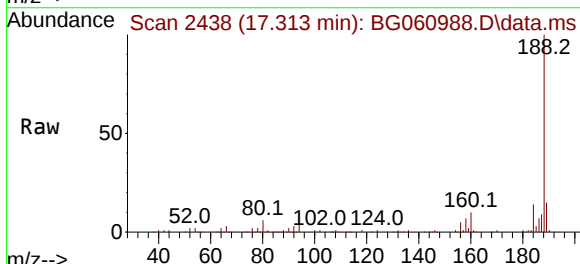


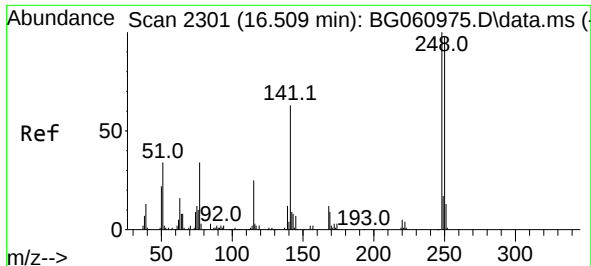
Tgt Ion:165	Resp:	8561
Ion	Ratio	Lower Upper
165	100	
63	0.0	43.4 65.2#
89	0.0	58.4 87.6#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2438
Delta R.T. -0.007 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

Tgt Ion:188	Resp:	190085
Ion	Ratio	Lower Upper
188	100	
94	4.3	4.1 6.1
80	5.5	4.0 6.0

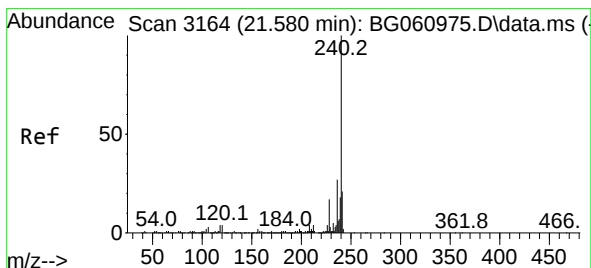
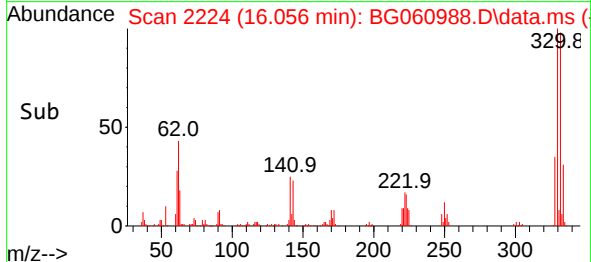
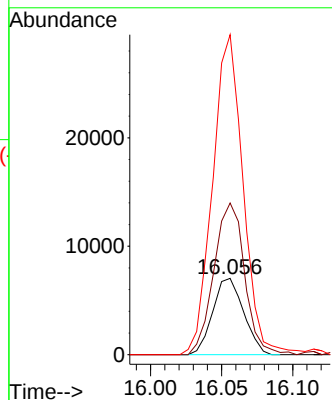
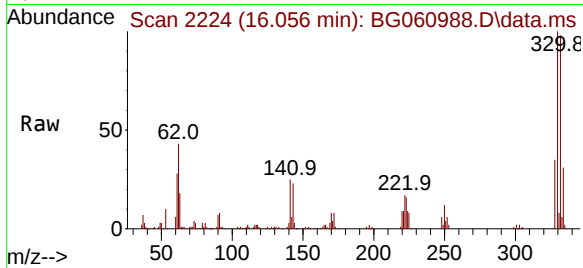




#67
4-Bromophenyl-phenylether
Concen: 4.248 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

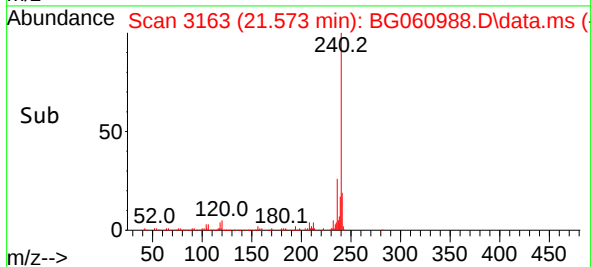
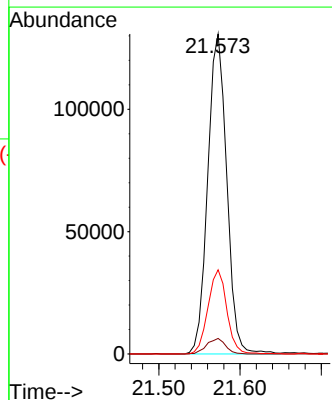
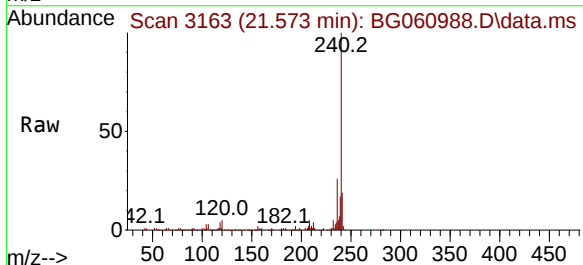
Instrument :
BNA_G
ClientSampleId :
PB160353BL

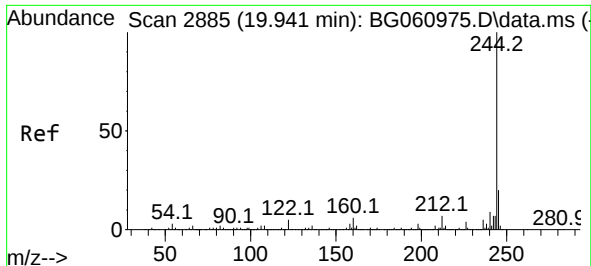
Tgt Ion:248 Resp: 10658
Ion Ratio Lower Upper
248 100
250 198.8 78.7 118.1#
141 419.4 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3163
Delta R.T. -0.007 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

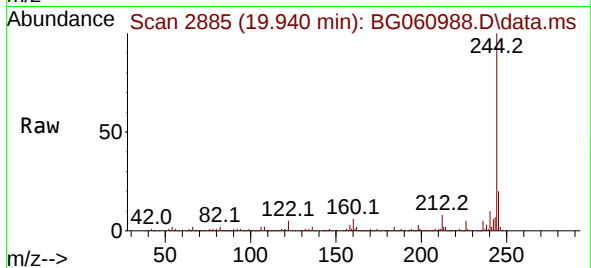
Tgt Ion:240 Resp: 212342
Ion Ratio Lower Upper
240 100
120 4.9 3.0 4.6#
236 26.3 21.8 32.6



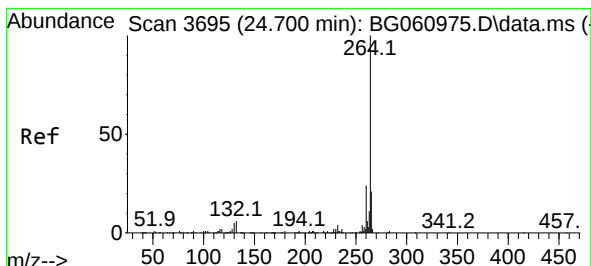
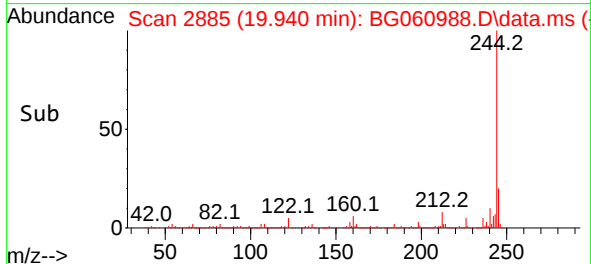
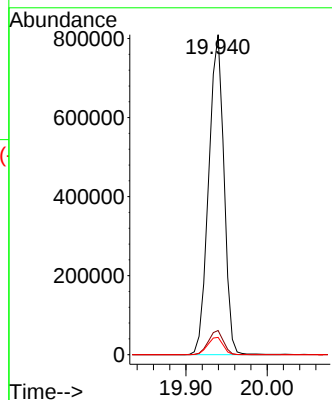


#79
Terphenyl-d14
Concen: 77.152 ng
RT: 19.940 min Scan# 2885
Delta R.T. -0.001 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

Instrument :
BNA_G
ClientSampleId :
PB160353BL



Tgt Ion:244 Resp: 1055423
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 5.4 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.699 min Scan# 3695
Delta R.T. -0.001 min
Lab File: BG060988.D
Acq: 22 Apr 2024 12:26

Tgt Ion:264 Resp: 244790
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 21.0 17.0 25.4

