

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060980.D
 Acq On : 20 Apr 2024 23:47
 Operator : MA/JU
 Sample : PB160321TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160321TB

Quant Time: Apr 22 04:38:02 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

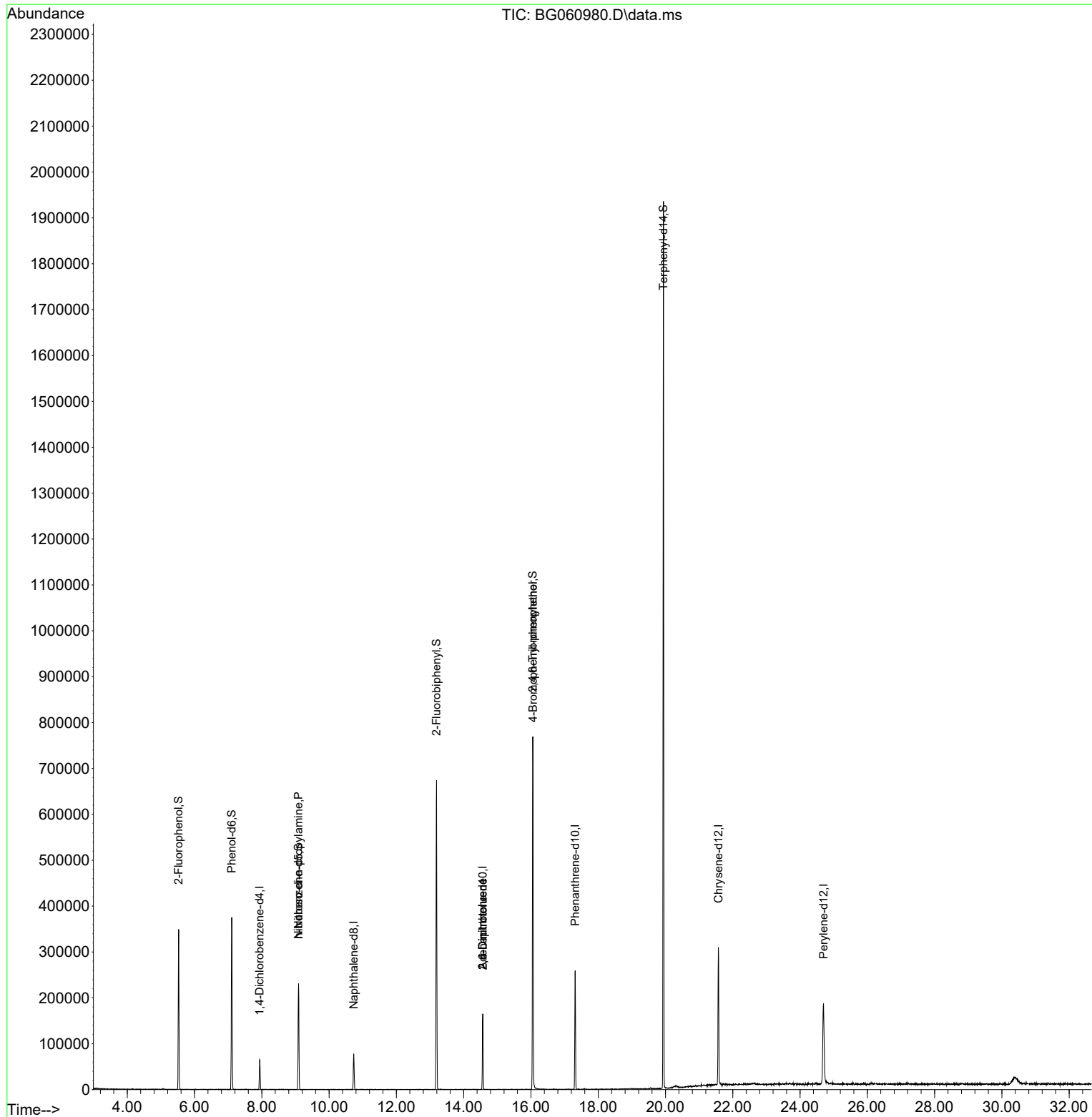
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	17667	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	63749	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	60519	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	174334	20.000	ng	# 0.00
76) Chrysene-d12	21.571	240	194108	20.000	ng	# 0.00
86) Perylene-d12	24.697	264	222528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	117019	133.979	ng	0.00
7) Phenol-d6	7.106	99	166750	128.674	ng	0.00
23) Nitrobenzene-d5	9.092	82	115939	81.712	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	176956	133.155	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	353563	80.856	ng	0.00
79) Terphenyl-d14	19.938	244	1021305	81.671	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.092	70	17410	18.027	ng	# 74
51) 2,6-Dinitrotoluene	14.568	165	8297	7.968	ng	# 16
57) 2,4-Dinitrotoluene	14.568	165	8297	5.532	ng	# 19
67) 4-Bromophenyl-phenylether	16.060	248	11433	4.969	ng	# 1

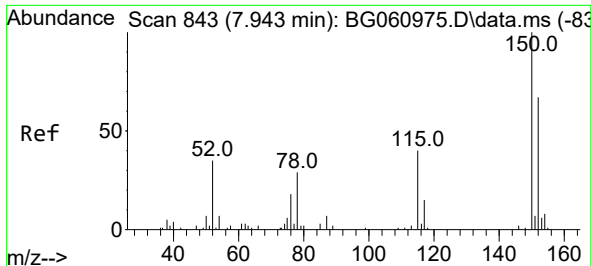
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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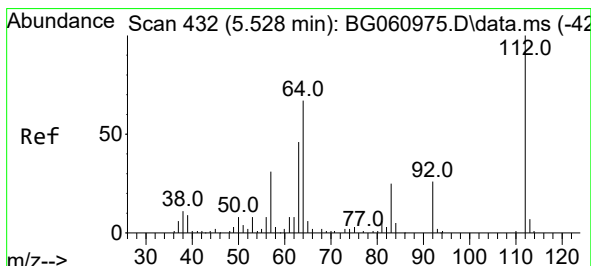
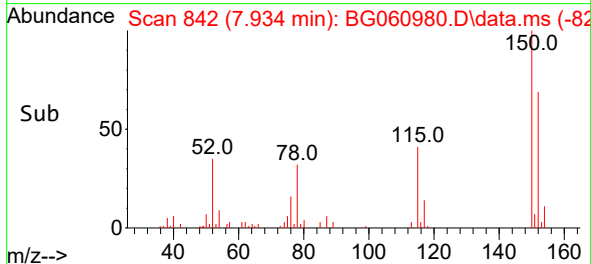
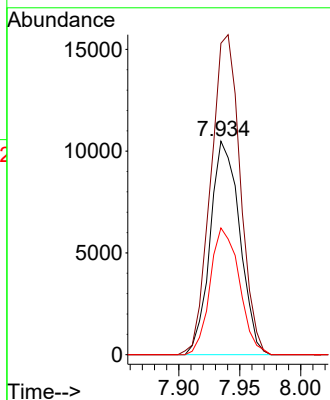
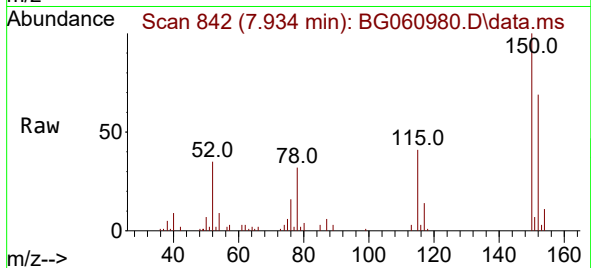




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

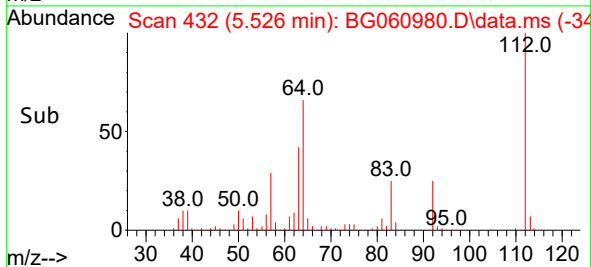
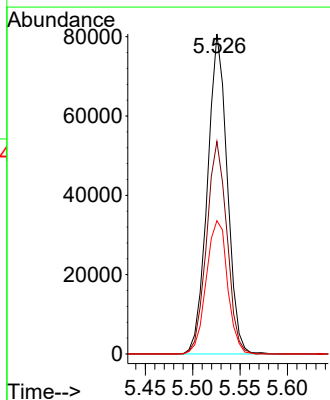
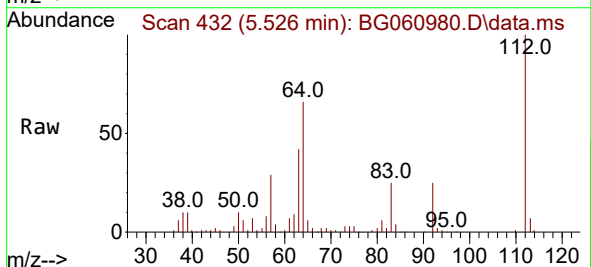
Instrument :
BNA_G
ClientSampleId :
PB160321TB

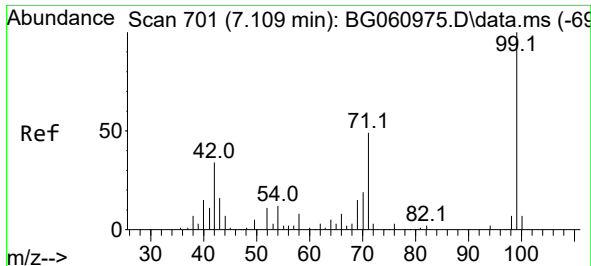
Tgt Ion:152 Resp: 17667
Ion Ratio Lower Upper
152 100
150 145.8 118.6 178.0
115 59.4 47.4 71.0



#5
2-Fluorophenol
Concen: 133.979 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.003 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

Tgt Ion:112 Resp: 117019
Ion Ratio Lower Upper
112 100
64 66.4 53.7 80.5
63 41.7 37.0 55.6

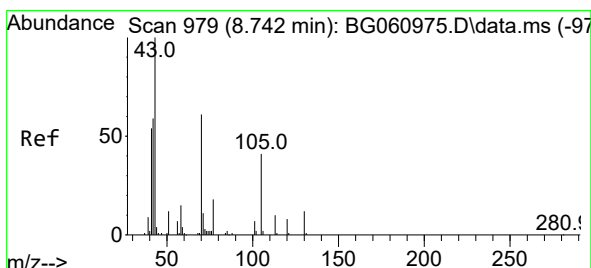
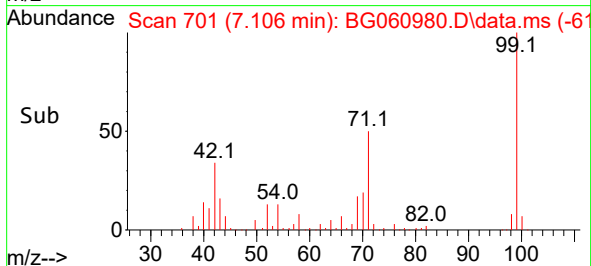
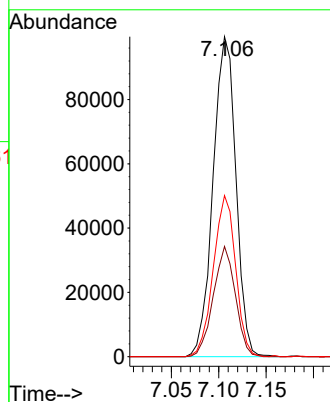
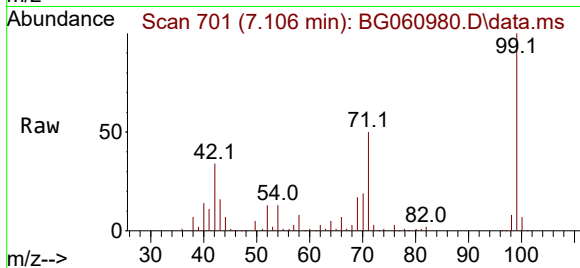




#7
Phenol-d6
Concen: 128.674 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

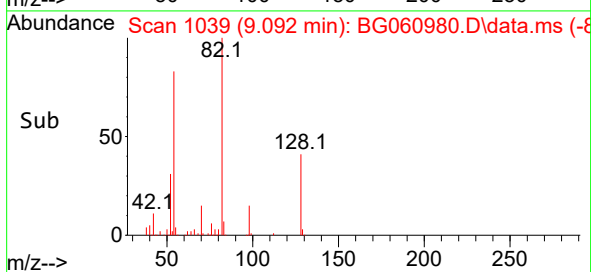
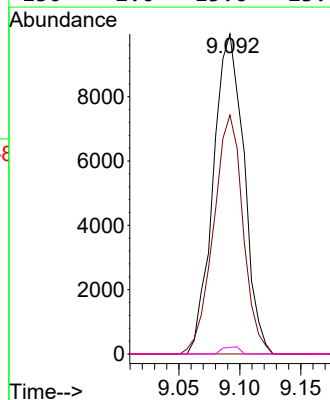
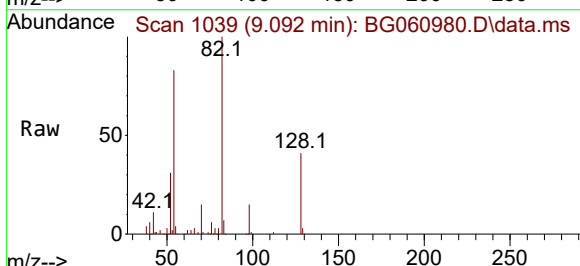
Instrument :
BNA_G
ClientSampleId :
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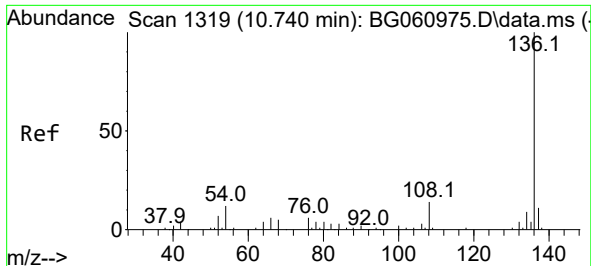
Tgt Ion: 99 Resp: 166750
Ion Ratio Lower Upper
99 100
42 34.4 27.2 40.8
71 50.3 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.027 ng
RT: 9.092 min Scan# 1039
Delta R.T. 0.350 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

Tgt Ion: 70 Resp: 17410
Ion Ratio Lower Upper
70 100
42 74.6 78.0 117.0#
101 0.0 8.6 13.0#
130 2.0 15.6 23.4#

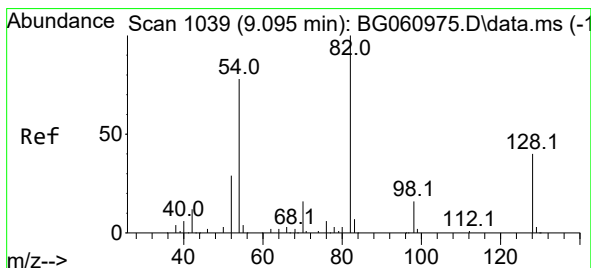
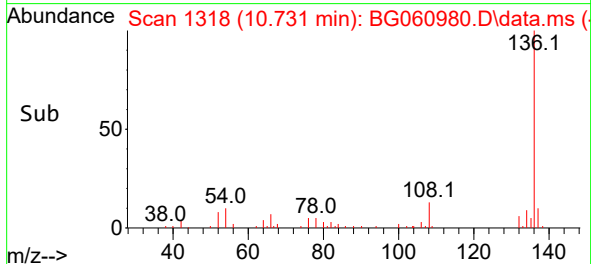
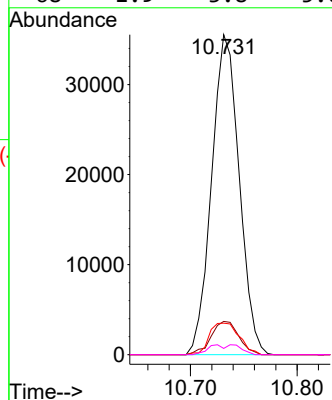
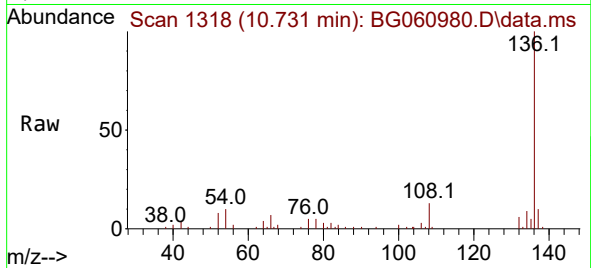




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1318
Delta R.T. -0.009 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

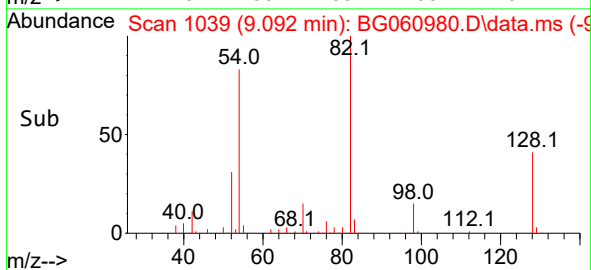
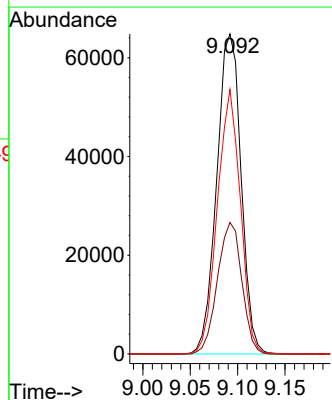
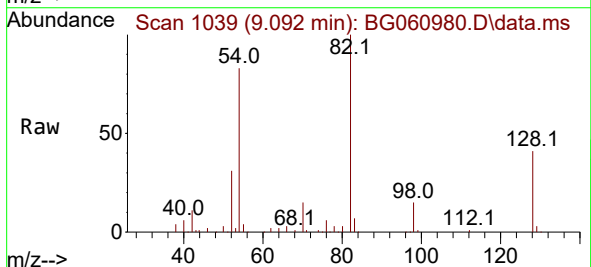
Instrument :
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ClientSampleId :
PB160321TB

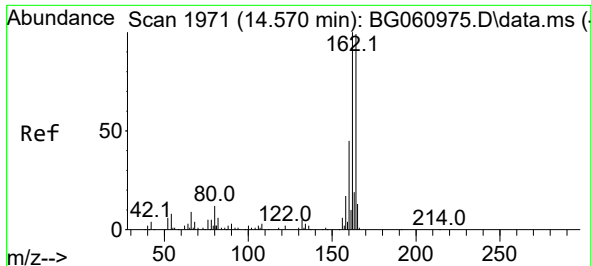
Tgt Ion:136 Resp: 63749
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.9 9.4 14.0
68 1.9 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 81.712 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.003 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

Tgt Ion: 82 Resp: 115939
Ion Ratio Lower Upper
82 100
128 41.1 32.1 48.1
54 82.7 62.3 93.5

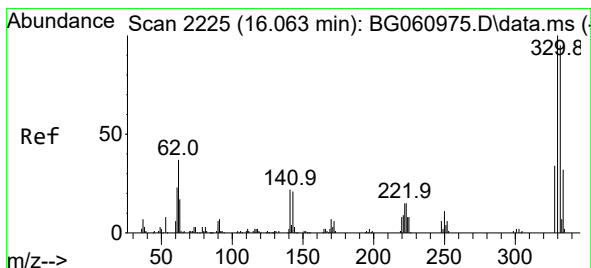
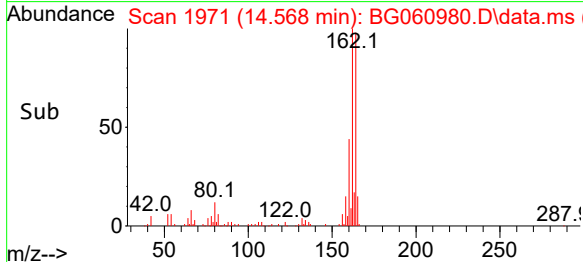
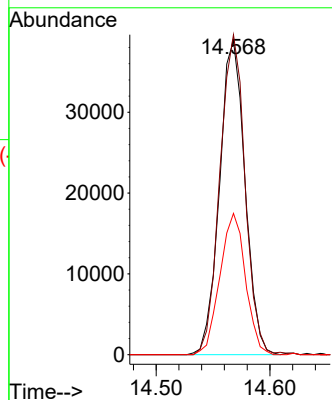
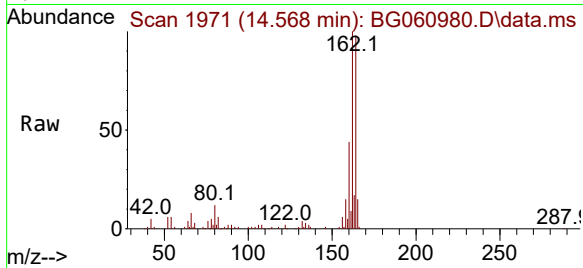




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

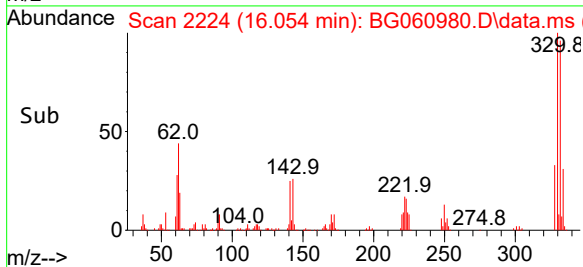
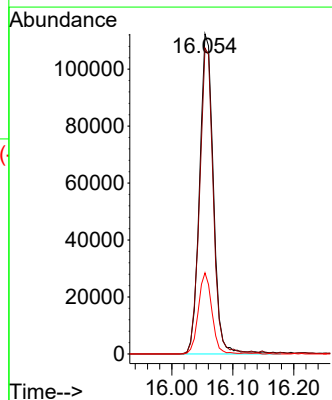
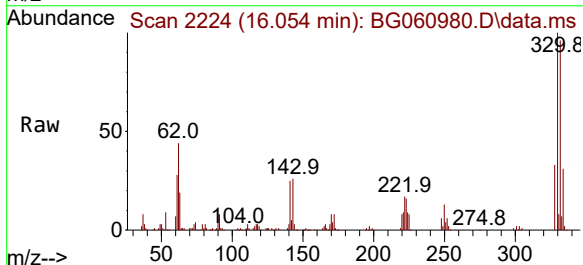
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ClientSampleId :
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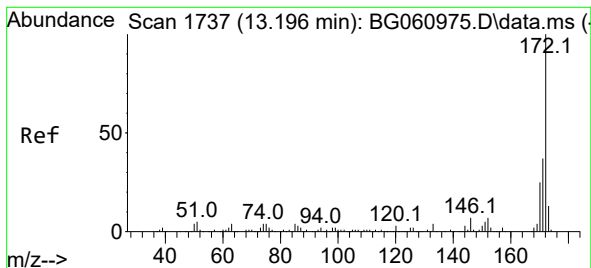
Tgt Ion:164 Resp: 60519
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 44.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 133.155 ng
RT: 16.054 min Scan# 2224
Delta R.T. -0.009 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

Tgt Ion:330 Resp: 176956
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 24.7 20.6 31.0

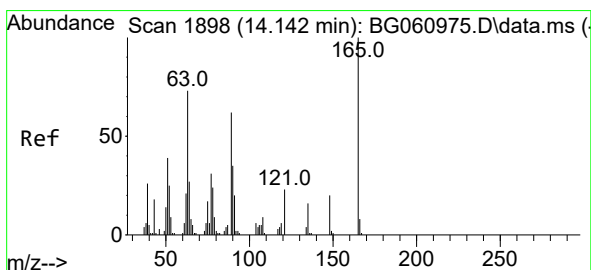
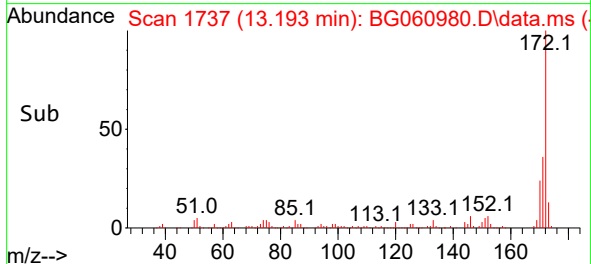
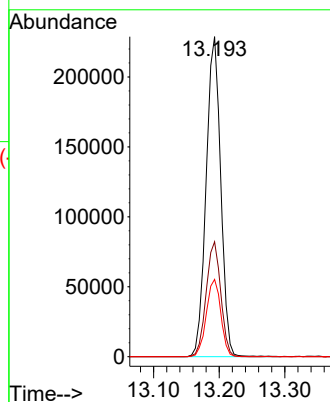
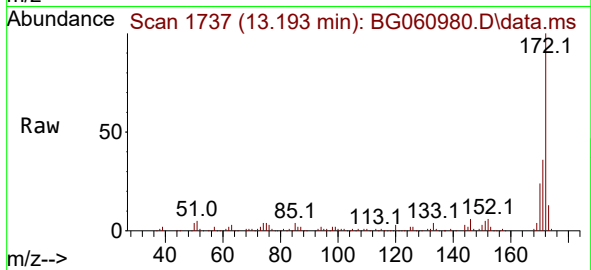




#45
2-Fluorobiphenyl
Concen: 80.856 ng
RT: 13.193 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

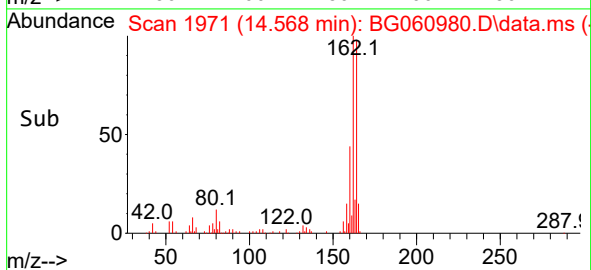
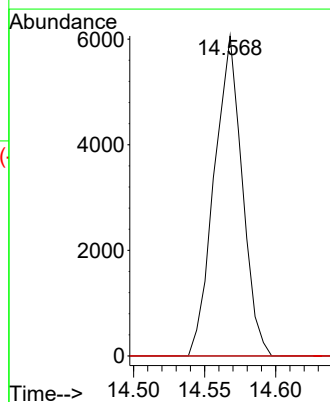
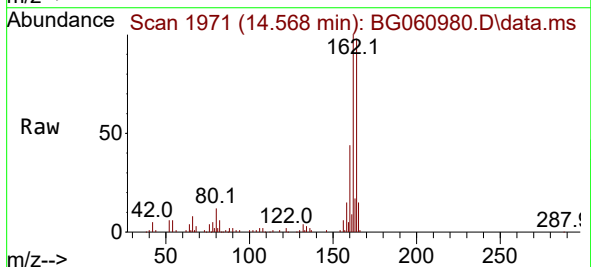
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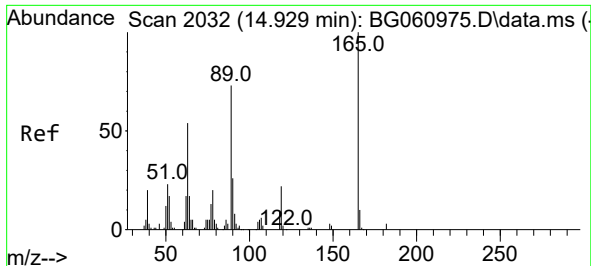
Tgt Ion:172 Resp: 353563
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 24.1 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.968 ng
RT: 14.568 min Scan# 1971
Delta R.T. 0.426 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

Tgt Ion:165 Resp: 8297
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 0.0 49.4 74.0#

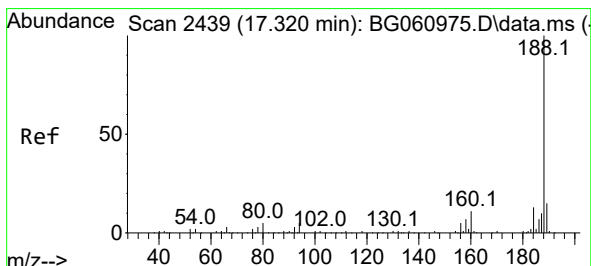
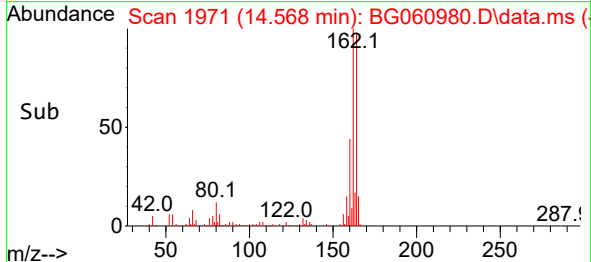
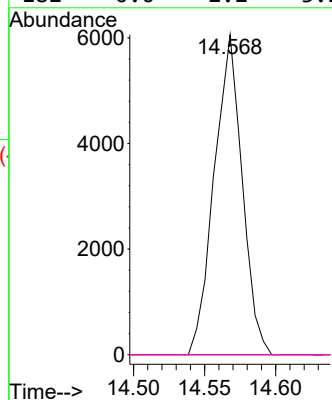
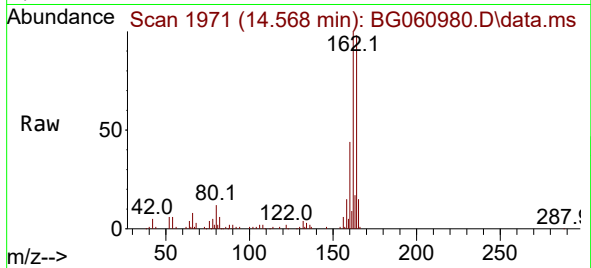




#57
2,4-Dinitrotoluene
Concen: 5.532 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.361 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

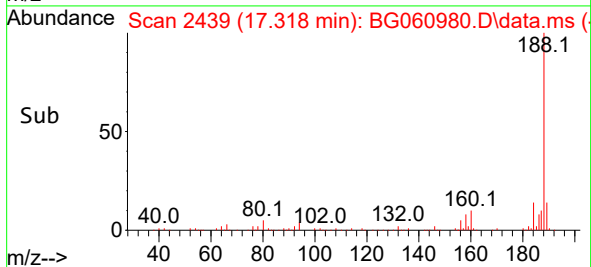
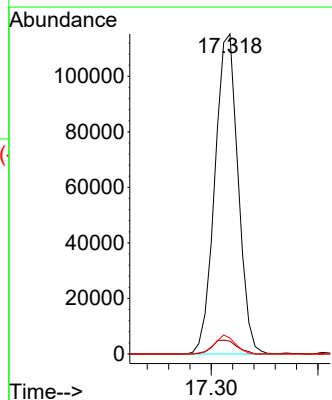
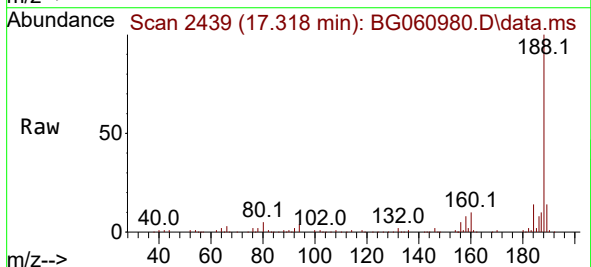
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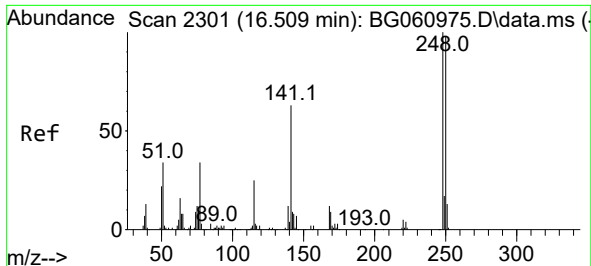
Tgt Ion:165 Resp: 8297
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 58.4 87.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

Tgt Ion:188 Resp: 174334
Ion Ratio Lower Upper
188 100
94 4.0 4.1 6.1#
80 4.9 4.0 6.0

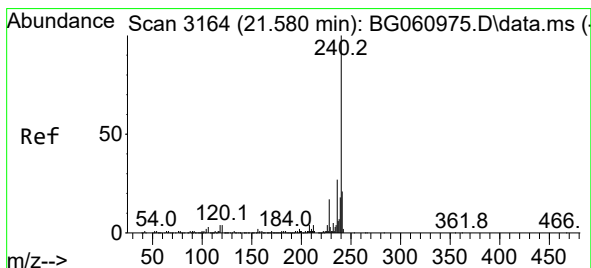
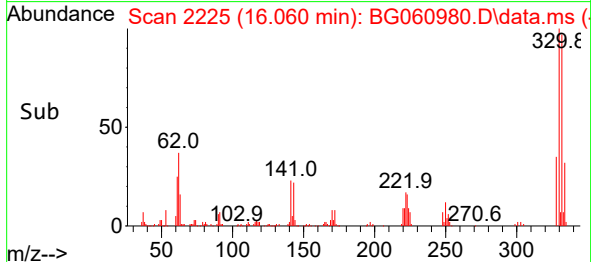
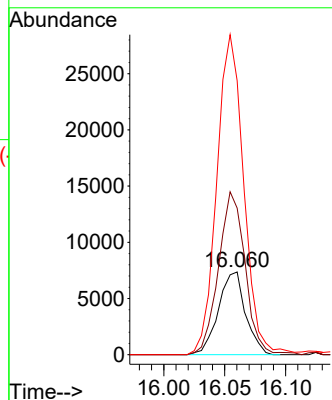
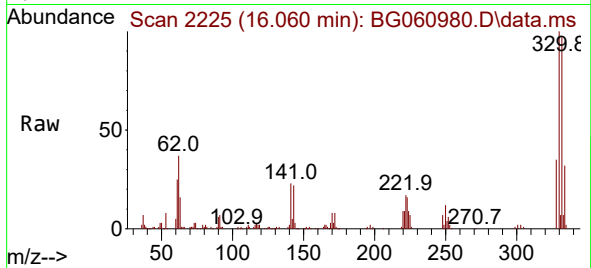




#67
4-Bromophenyl-phenylether
Concen: 4.969 ng
RT: 16.060 min Scan# 211
Delta R.T. -0.449 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

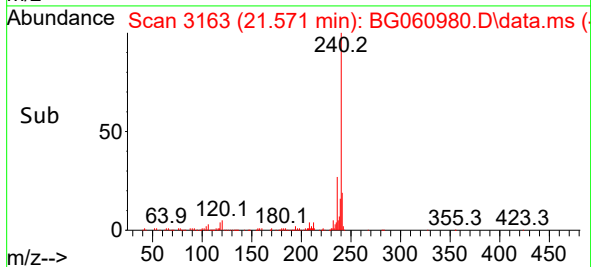
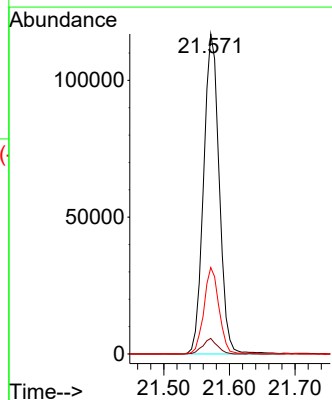
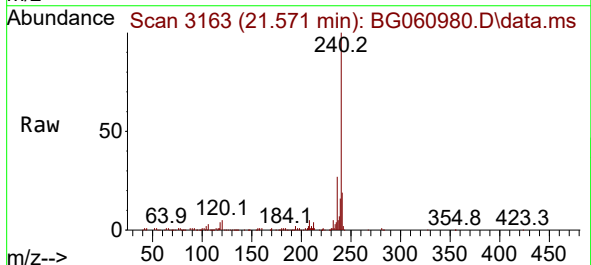
Instrument :
BNA_G
ClientSampleId :
PB160321TB

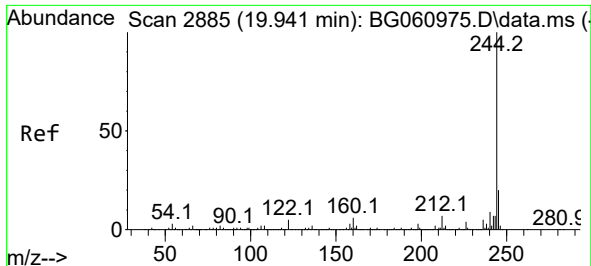
Tgt Ion:248 Resp: 11433
Ion Ratio Lower Upper
248 100
250 177.2 78.7 118.1#
141 331.3 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.008 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

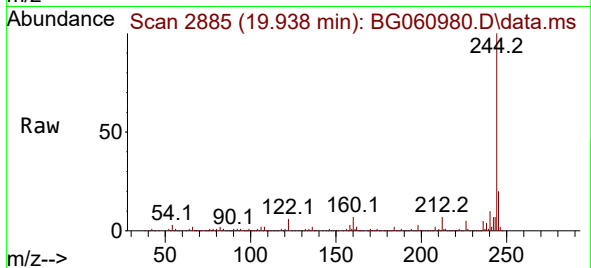
Tgt Ion:240 Resp: 194108
Ion Ratio Lower Upper
240 100
120 4.9 3.0 4.6#
236 27.0 21.8 32.6



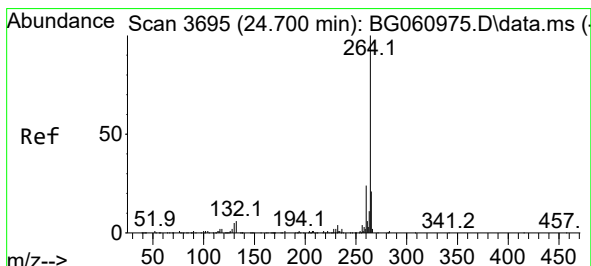
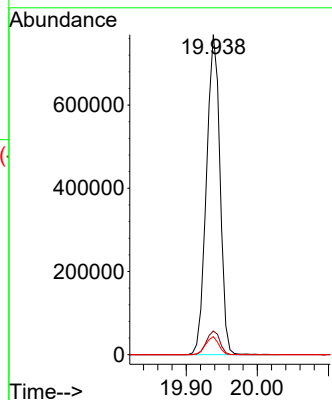
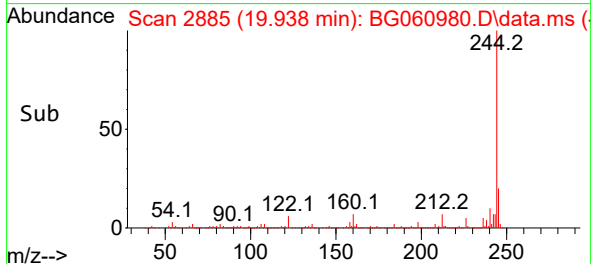


#79
Terphenyl-d14
Concen: 81.671 ng
RT: 19.938 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

Instrument :
BNA_G
ClientSampleId :
PB160321TB



Tgt Ion:244 Resp: 1021305
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 5.7 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 3695
Delta R.T. -0.003 min
Lab File: BG060980.D
Acq: 20 Apr 2024 23:47

Tgt Ion:264 Resp: 222528
Ion Ratio Lower Upper
264 100
260 22.6 19.4 29.2
265 22.2 17.0 25.4

