

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061020.D
 Acq On : 24 Apr 2024 10:59
 Operator : MA/JU
 Sample : PB160402TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160402TB

Quant Time: Apr 24 11:51:19 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)

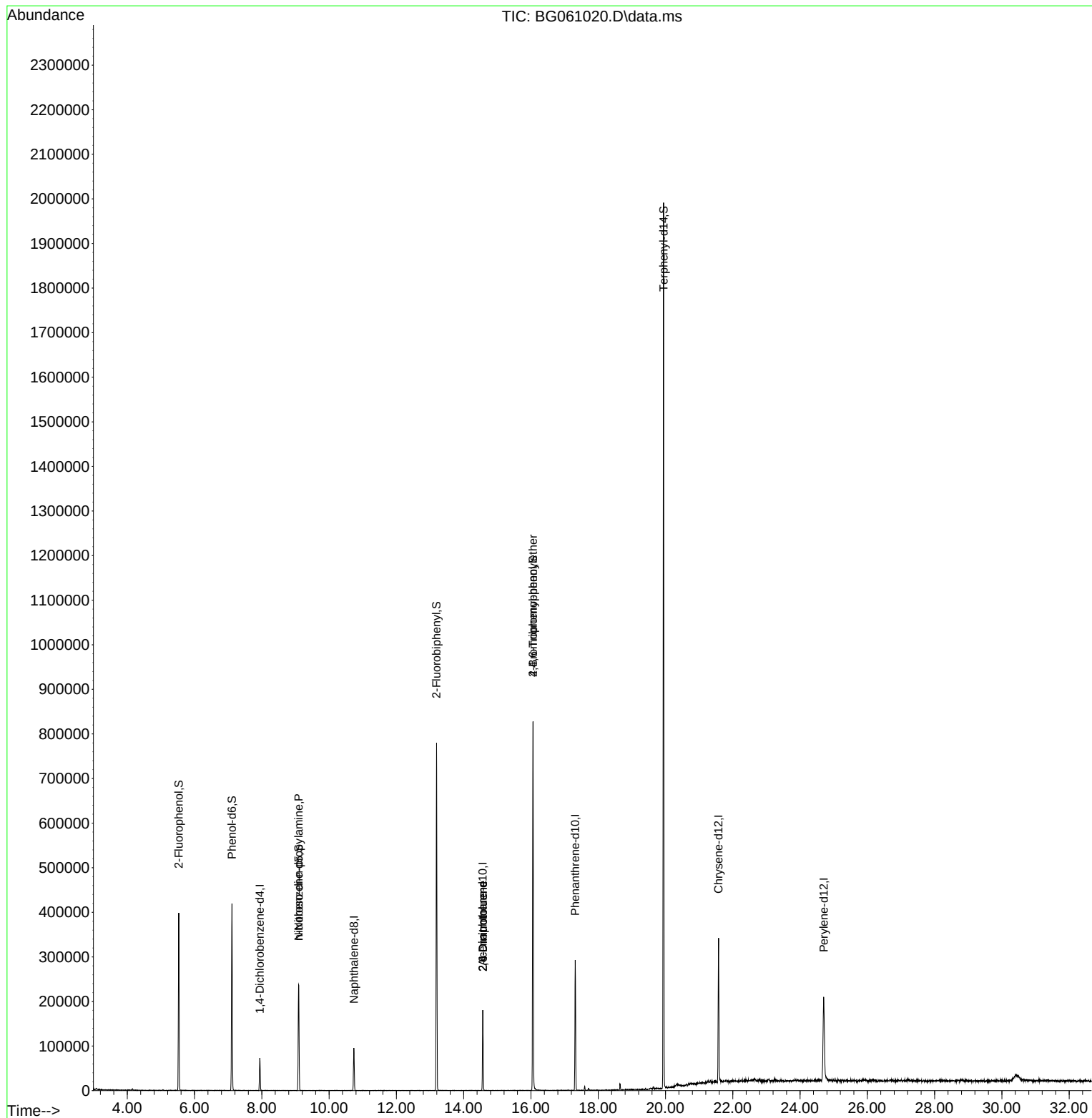
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	18600	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	75659	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	65583	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	186517	20.000	ng	0.00
76) Chrysene-d12	21.578	240	196286	20.000	ng	0.00
86) Perylene-d12	24.704	264	225418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	136735	148.699	ng	0.00
7) Phenol-d6	7.113	99	183706	134.647	ng	0.00
23) Nitrobenzene-d5	9.099	82	126641	75.204	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	192590	133.729	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	399115	84.226	ng	0.00
79) Terphenyl-d14	19.945	244	1090818	86.262	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.099	70	18833	18.522	ng	# 68
51) 2,6-Dinitrotoluene	14.575	165	8482	7.517	ng	# 16
57) 2,4-Dinitrotoluene	14.575	165	8482	5.219	ng	# 19
67) 4-Bromophenyl-phenylether	16.061	248	11430	4.643	ng	# 1

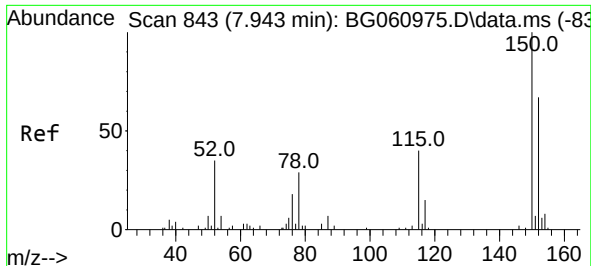
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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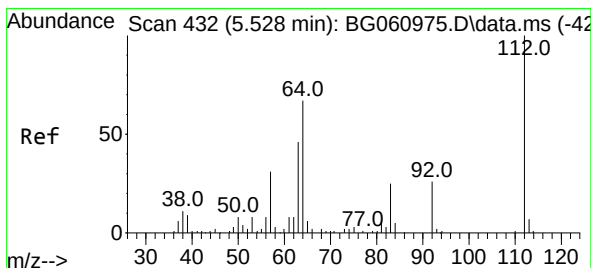
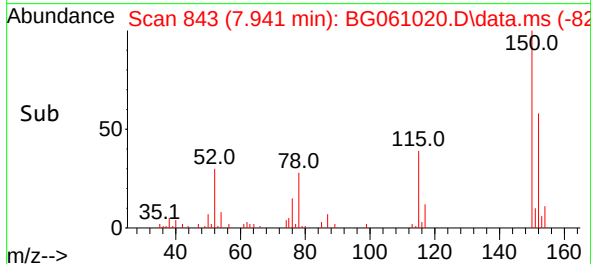
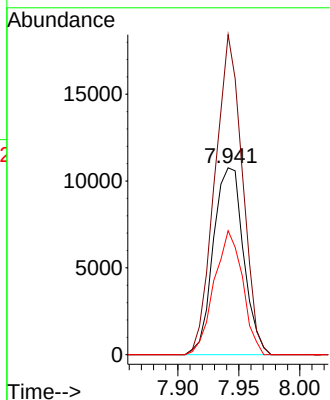
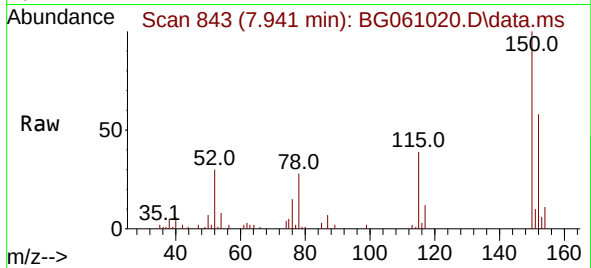




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

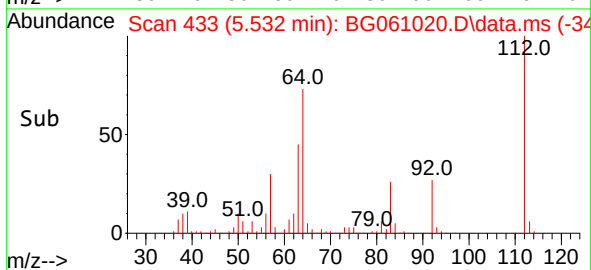
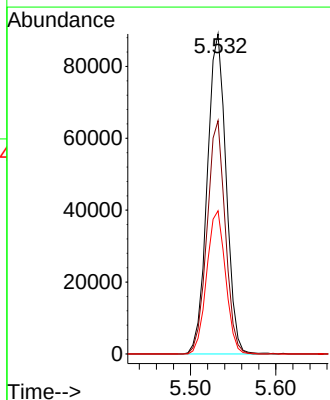
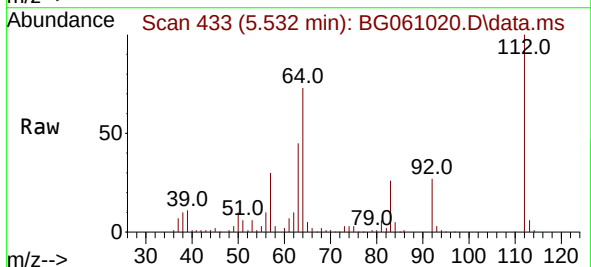
Instrument :
BNA_G
ClientSampleId :
PB160402TB

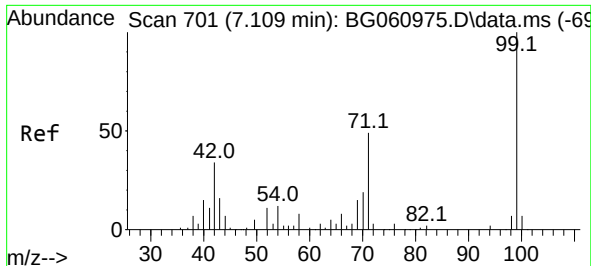
Tgt Ion:152 Resp: 18600
Ion Ratio Lower Upper
152 100
150 171.2 118.6 178.0
115 66.4 47.4 71.0



#5
2-Fluorophenol
Concen: 148.699 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.004 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

Tgt Ion:112 Resp: 136735
Ion Ratio Lower Upper
112 100
64 72.9 53.7 80.5
63 44.8 37.0 55.6

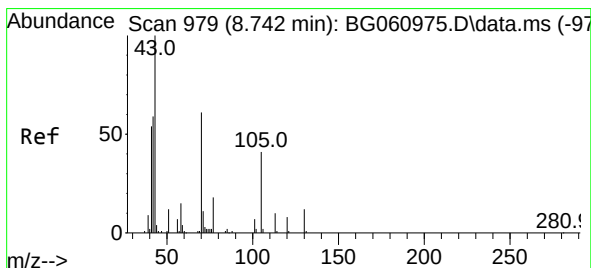
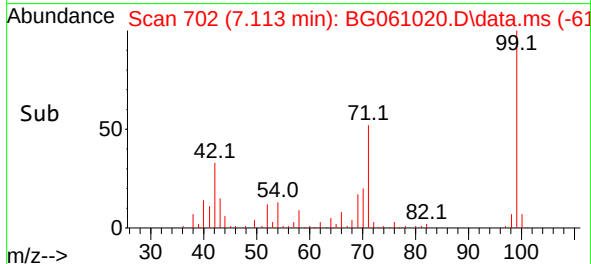
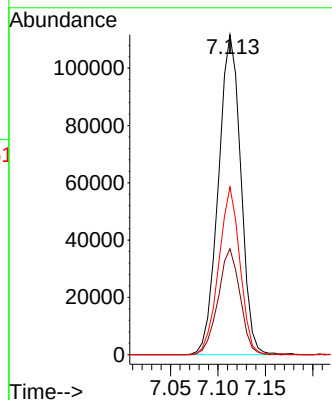
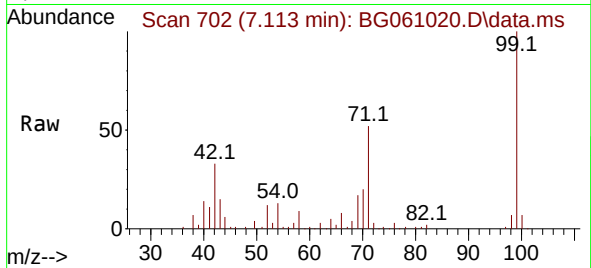




#7
Phenol-d6
Concen: 134.647 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

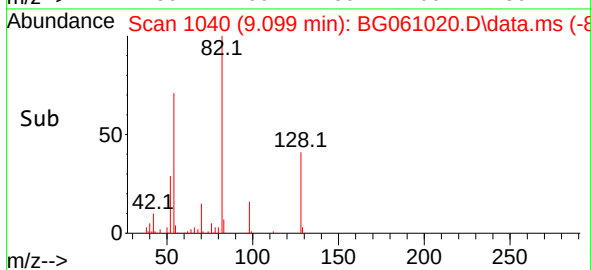
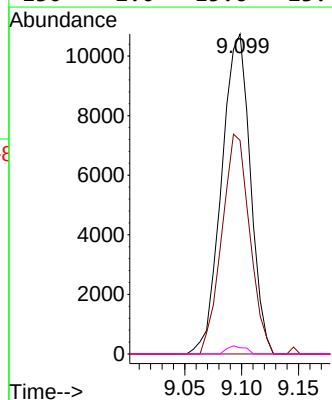
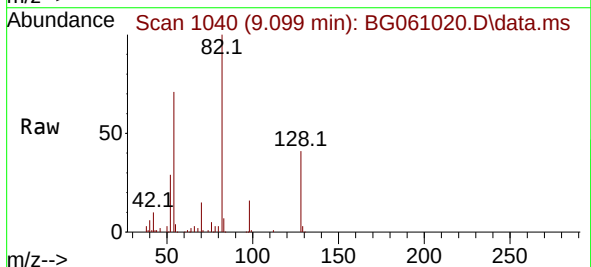
Instrument :
BNA_G
ClientSampleId :
PB160402TB

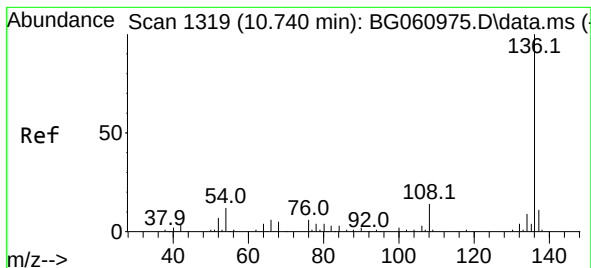
Tgt Ion: 99 Resp: 183706
Ion Ratio Lower Upper
99 100
42 33.1 27.2 40.8
71 52.4 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.522 ng
RT: 9.099 min Scan# 1040
Delta R.T. 0.357 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

Tgt Ion: 70 Resp: 18833
Ion Ratio Lower Upper
70 100
42 66.8 78.0 117.0#
101 0.0 8.6 13.0#
130 2.0 15.6 23.4#

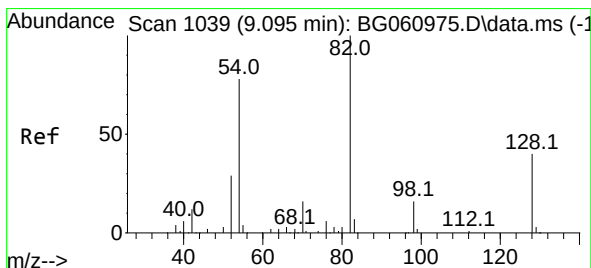
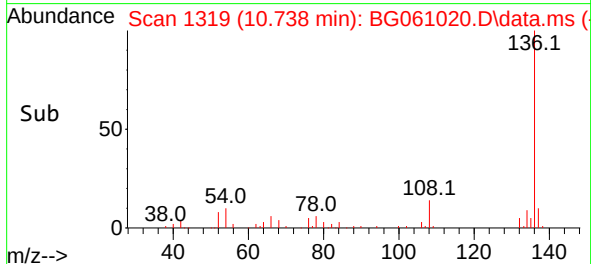
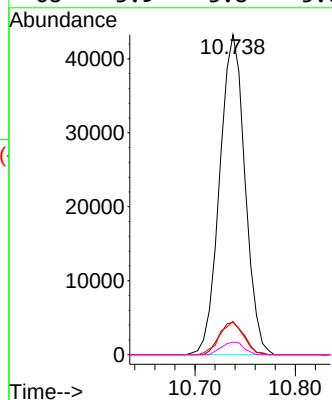
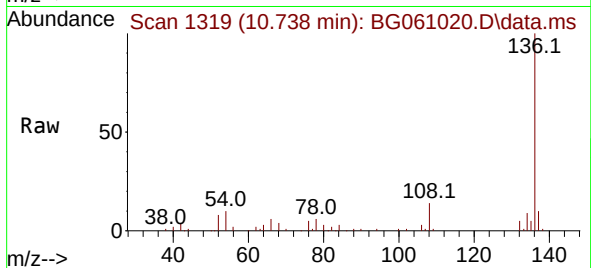




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

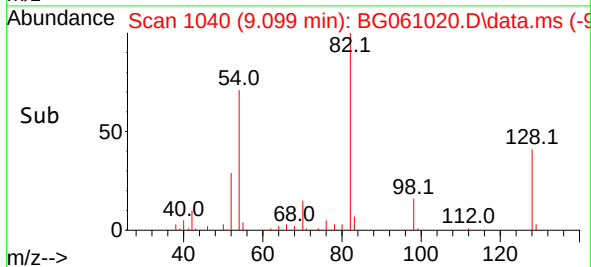
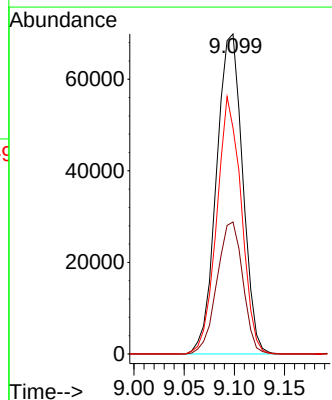
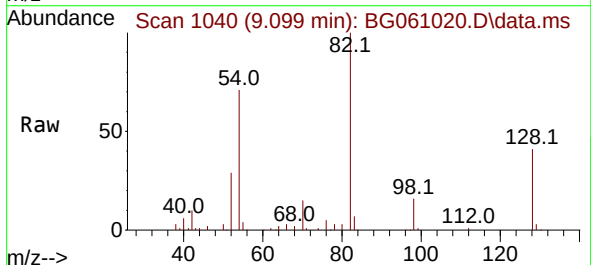
Instrument :
BNA_G
ClientSampleId :
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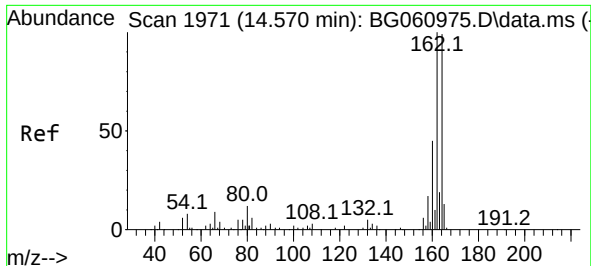
Tgt Ion:136	Resp:	75659
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.5 12.7
54	10.4	9.4 14.0
68	3.9	3.8 5.6



#23
Nitrobenzene-d5
Concen: 75.204 ng
RT: 9.099 min Scan# 1040
Delta R.T. 0.004 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

Tgt Ion: 82	Resp:	126641
Ion Ratio	Lower	Upper
82	100	
128	41.2	32.1 48.1
54	70.6	62.3 93.5

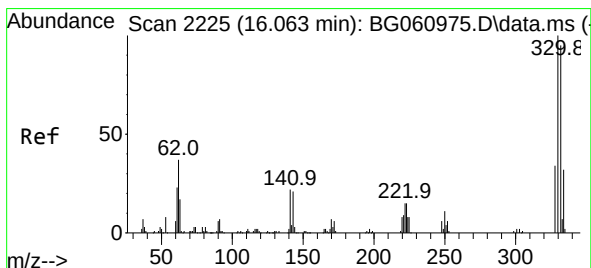
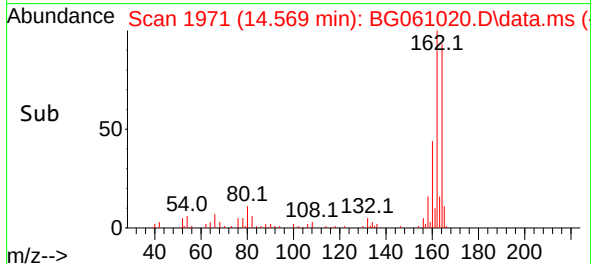
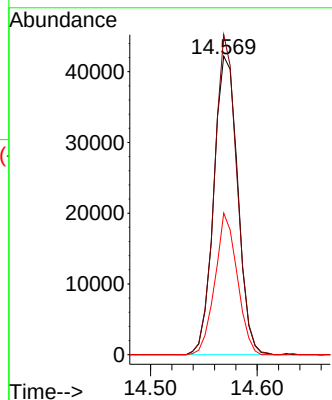
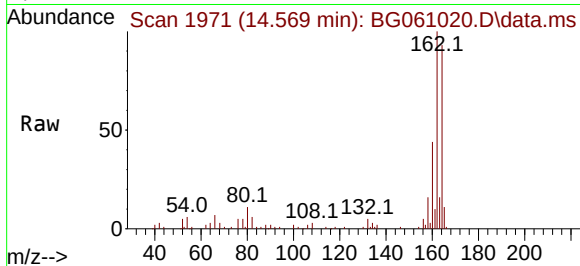




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

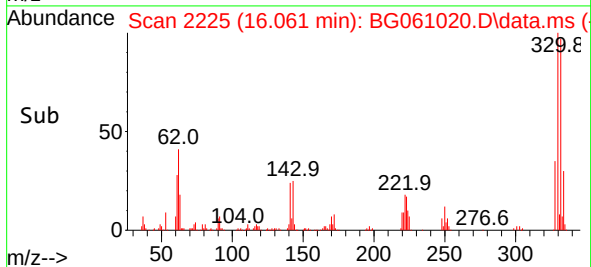
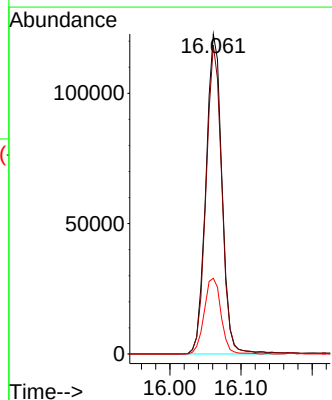
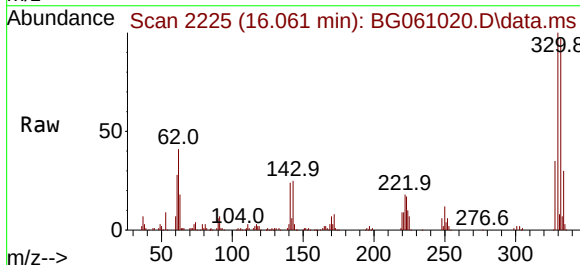
Instrument :
BNA_G
ClientSampleId :
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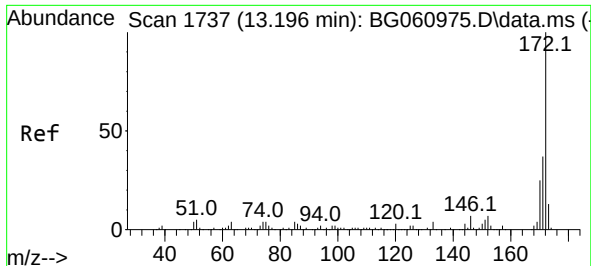
Tgt Ion:164 Resp: 65583
Ion Ratio Lower Upper
164 100
162 107.2 81.2 121.8
160 47.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 133.729 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

Tgt Ion:330 Resp: 192590
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 24.8 20.6 31.0

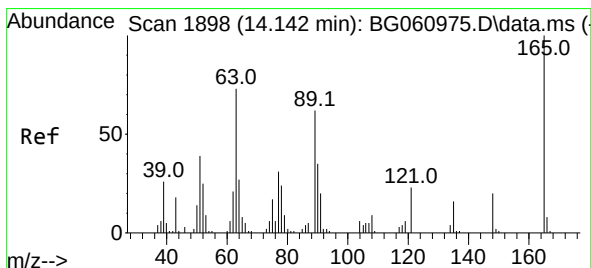
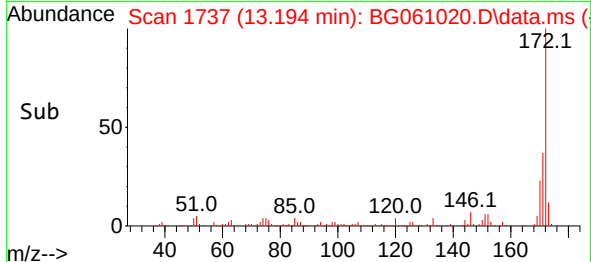
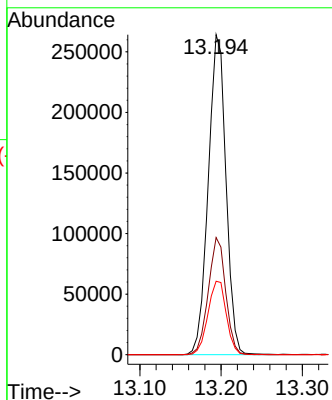
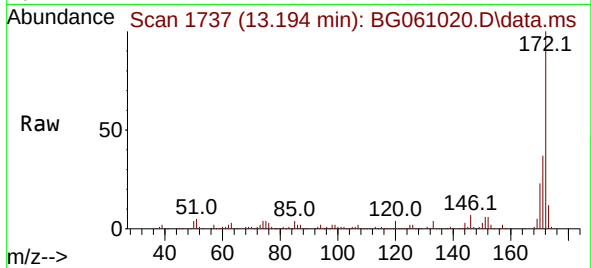




#45
2-Fluorobiphenyl
Concen: 84.226 ng
RT: 13.194 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

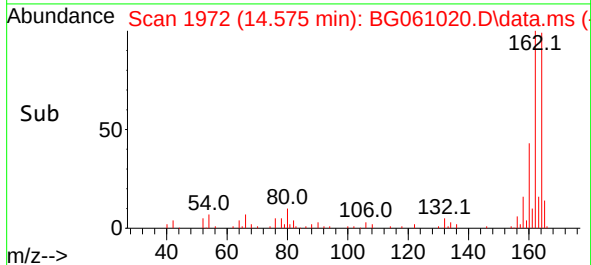
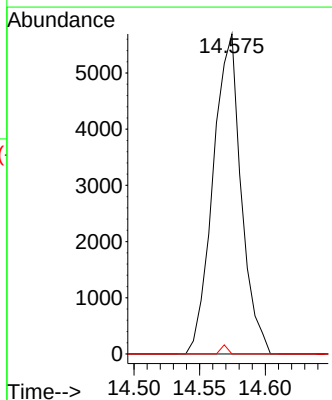
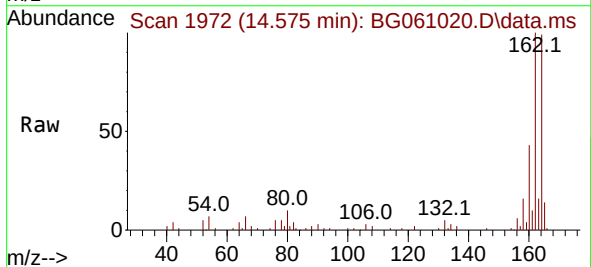
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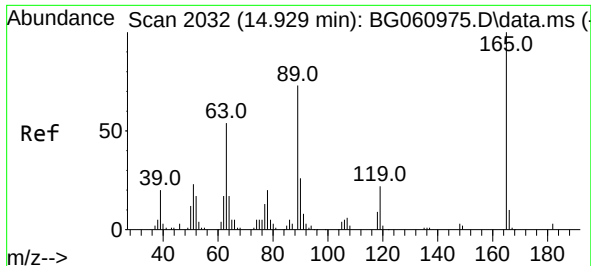
Tgt Ion:172 Resp: 399115
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 22.9 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.517 ng
RT: 14.575 min Scan# 1972
Delta R.T. 0.433 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

Tgt Ion:165 Resp: 8482
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: 5.219 ng

RT: 14.575 min Scan# 1972

Delta R.T. -0.354 min

Lab File: BG061020.D

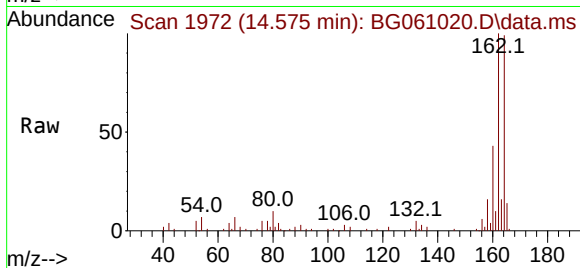
Acq: 24 Apr 2024 10:59

Instrument :

BNA_G

ClientSampleId :

PB160402TB



Tgt Ion:165 Resp: 8482

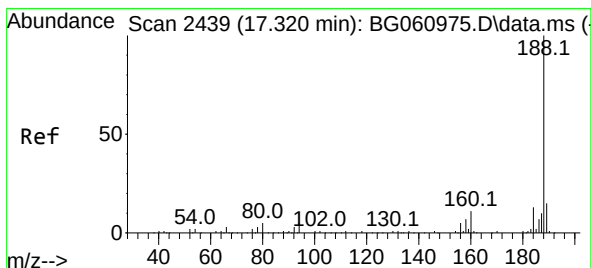
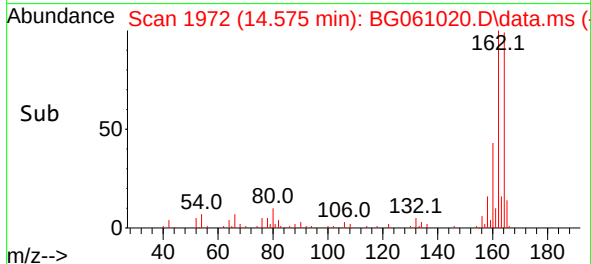
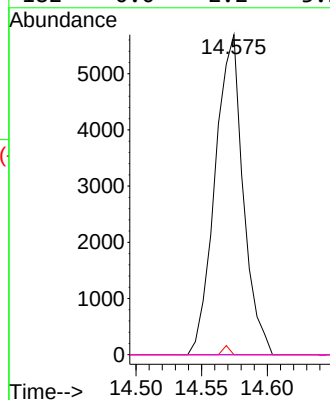
Ion Ratio Lower Upper

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. -0.002 min

Lab File: BG061020.D

Acq: 24 Apr 2024 10:59

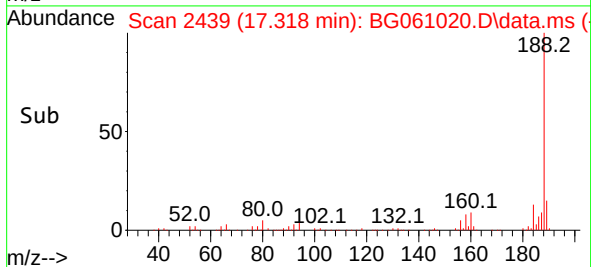
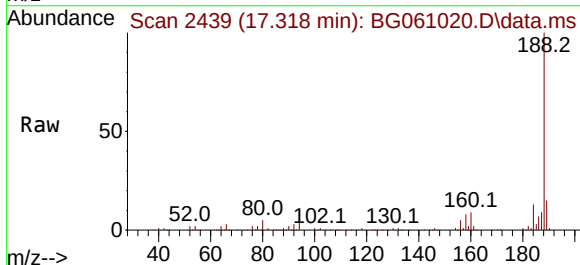
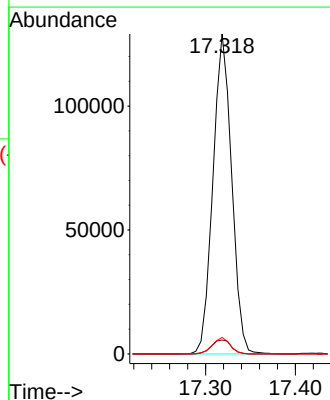
Tgt Ion:188 Resp: 186517

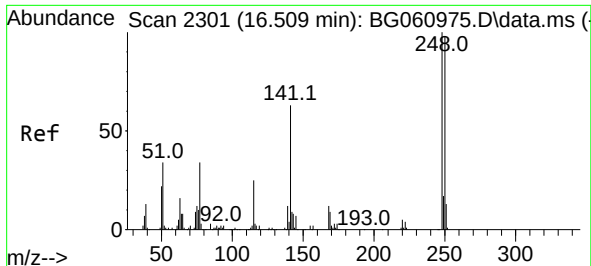
Ion Ratio Lower Upper

188 100

94 4.4 4.1 6.1

80 5.2 4.0 6.0

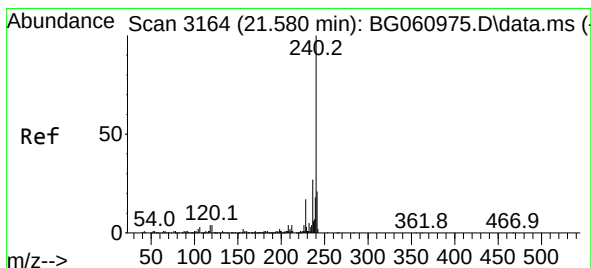
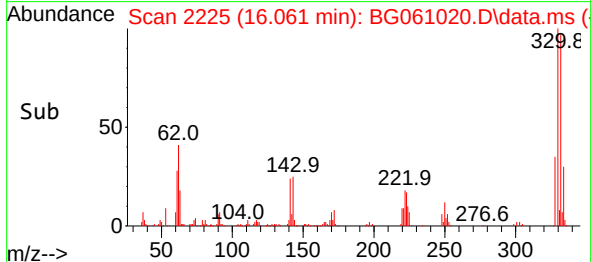
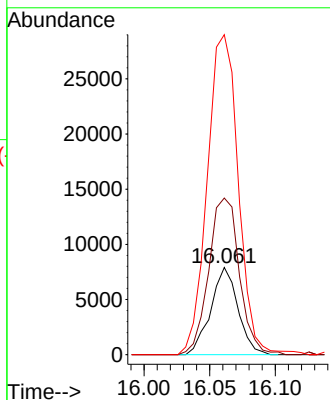
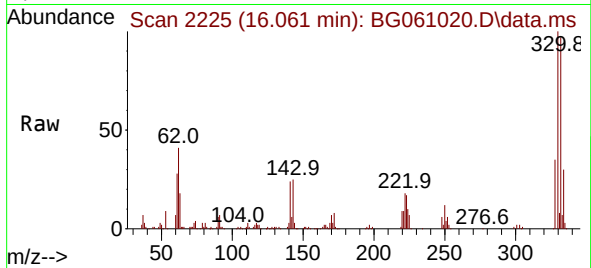




#67
4-Bromophenyl-phenylether
Concen: 4.643 ng
RT: 16.061 min Scan# 211
Delta R.T. -0.448 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

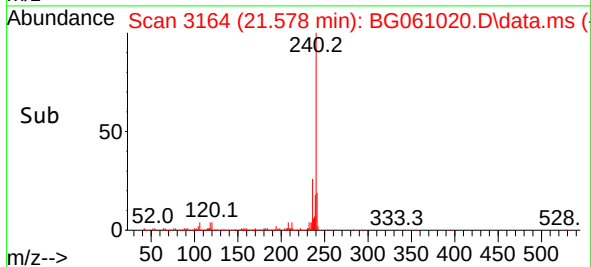
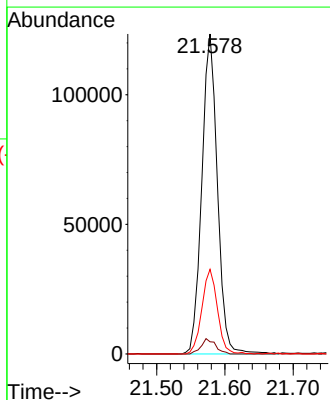
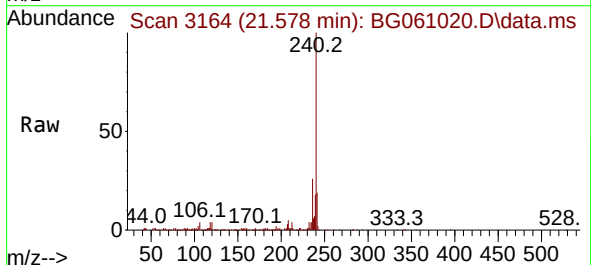
Instrument :
BNA_G
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PB160402TB

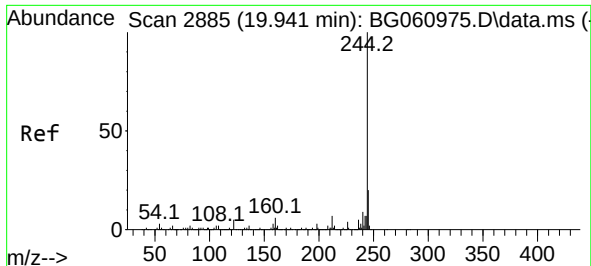
Tgt Ion:248 Resp: 11430
Ion Ratio Lower Upper
248 100
250 179.6 78.7 118.1#
141 366.8 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.002 min
Lab File: BG061020.D
Acq: 24 Apr 2024 10:59

Tgt Ion:240 Resp: 196286
Ion Ratio Lower Upper
240 100
120 3.8 3.0 4.6
236 26.5 21.8 32.6

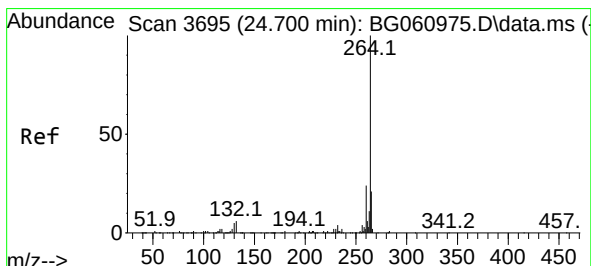
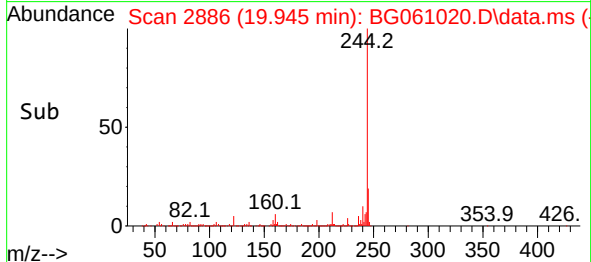
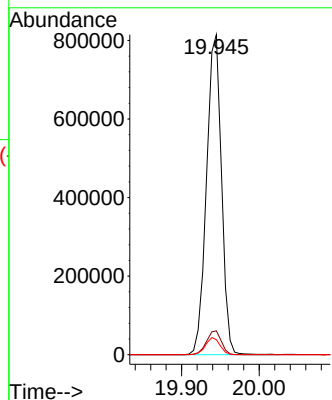
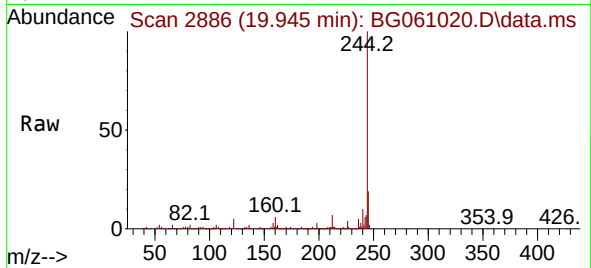




#79
 Terphenyl-d14
 Concen: 86.262 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG061020.D
 Acq: 24 Apr 2024 10:59

Instrument :
 BNA_G
 ClientSampleId :
 PB160402TB

Tgt Ion:244 Resp: 1090818
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 4.7 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.704 min Scan# 3696
 Delta R.T. 0.004 min
 Lab File: BG061020.D
 Acq: 24 Apr 2024 10:59

Tgt Ion:264 Resp: 225418
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.4 29.2
 265 19.7 17.0 25.4

