

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061047.D
 Acq On : 29 Apr 2024 14:47
 Operator : MA/JU
 Sample : PB160581BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 29 16:02:13 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)

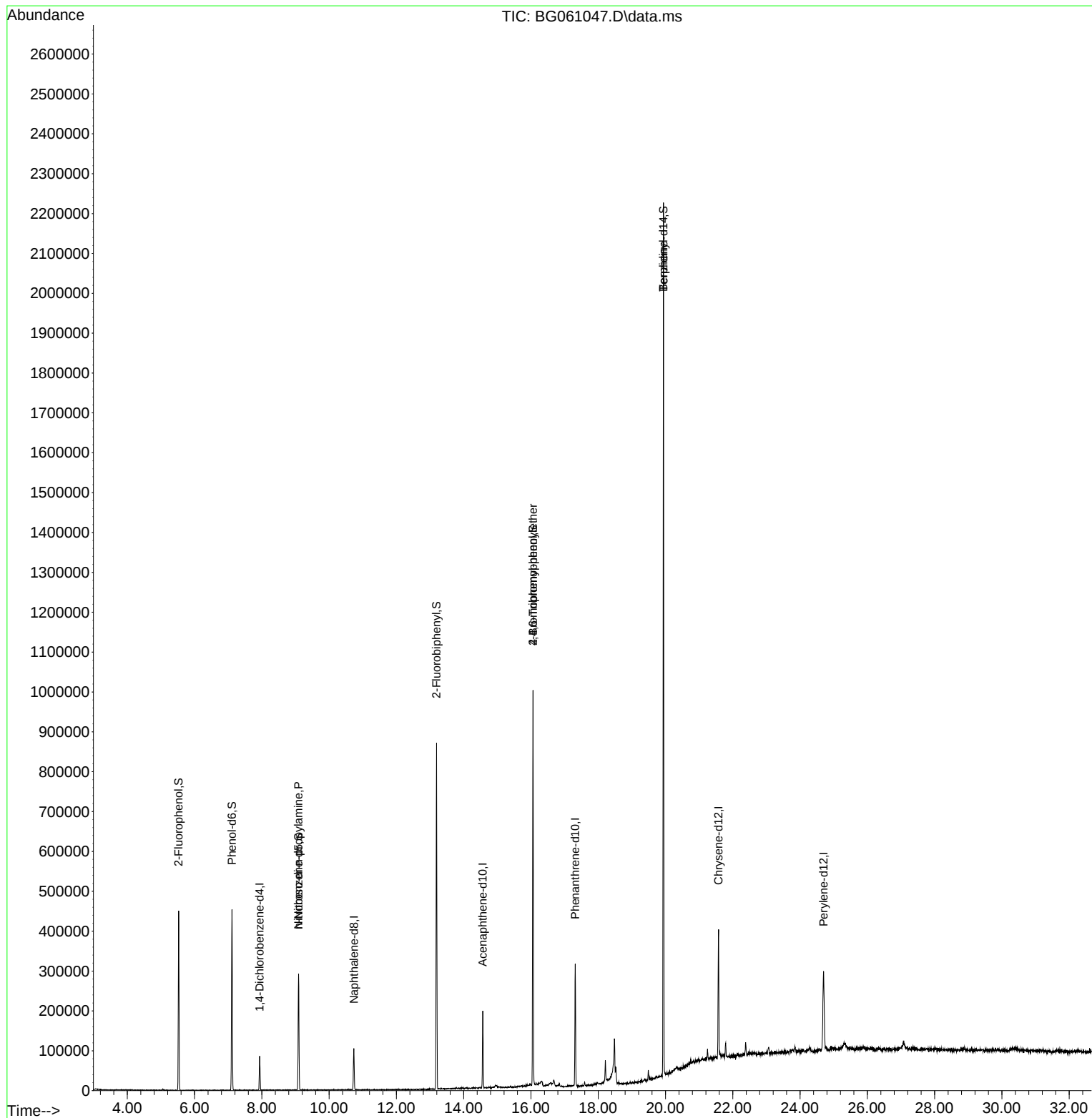
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	22148	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	80613	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	68509	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	191785	20.000	ng	0.00
76) Chrysene-d12	21.577	240	191124	20.000	ng	0.00
86) Perylene-d12	24.697	264	229600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	151649	138.499	ng	0.00
7) Phenol-d6	7.112	99	198528	122.201	ng	0.00
23) Nitrobenzene-d5	9.092	82	139119	77.537	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	208786	138.783	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	428805	86.627	ng	0.00
79) Terphenyl-d14	19.938	244	1084935	88.114	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.092	70	21759	17.972	ng	# 77
67) 4-Bromophenyl-phenylether	16.060	248	13135	5.189	ng	# 1
77) Benizidine	19.938	184	17557	4.958	ng	# 88

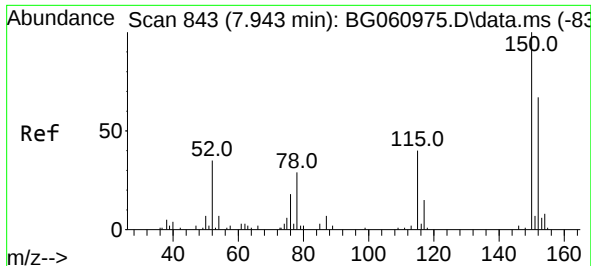
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
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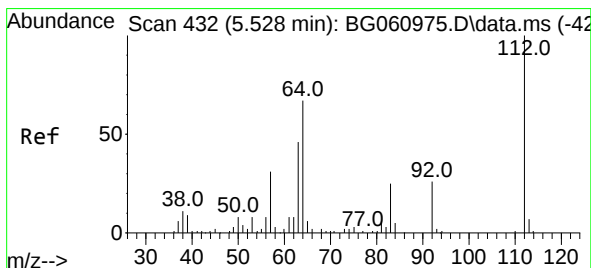
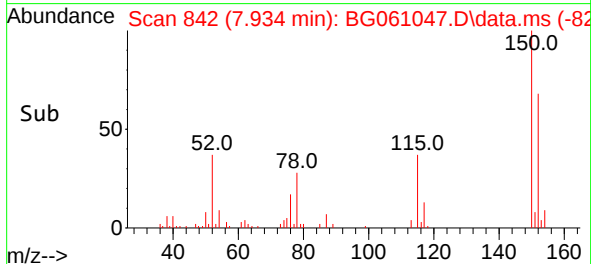
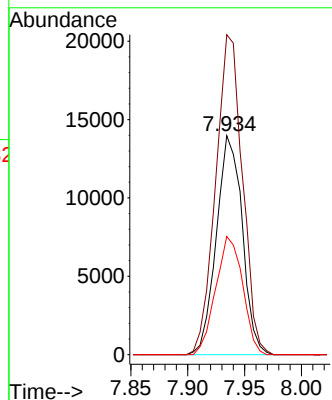
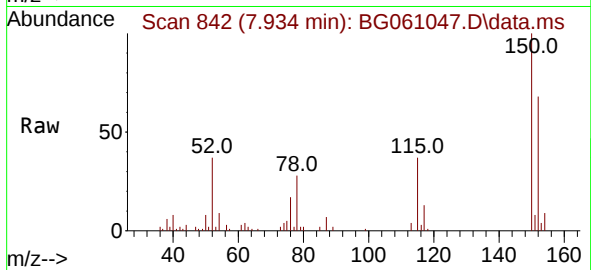




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 84
 Delta R.T. -0.009 min
 Lab File: BG061047.D
 Acq: 29 Apr 2024 14:47

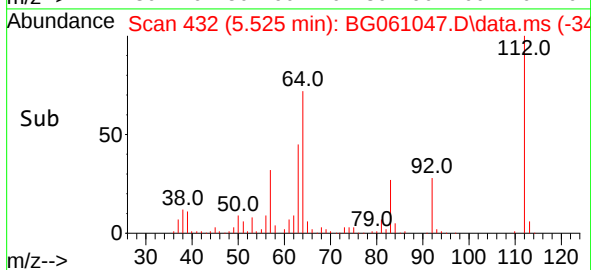
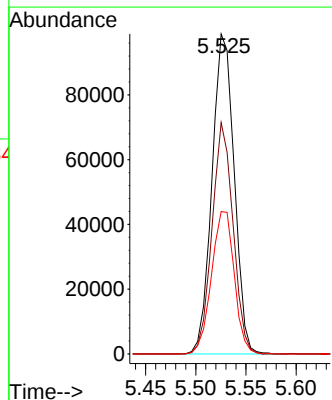
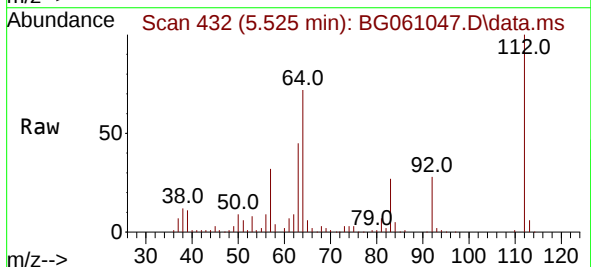
Instrument :
 BNA_G
 ClientSampleId :

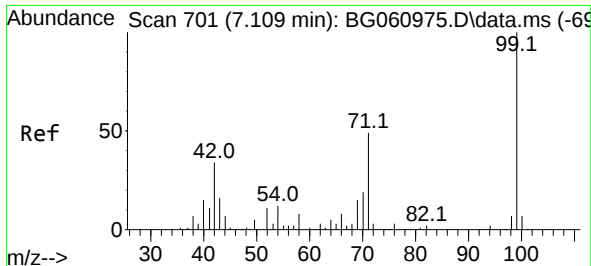
Tgt Ion:152 Resp: 22148
 Ion Ratio Lower Upper
 152 100
 150 146.1 118.6 178.0
 115 54.0 47.4 71.0



#5
 2-Fluorophenol
 Concen: 138.499 ng
 RT: 5.525 min Scan# 432
 Delta R.T. -0.003 min
 Lab File: BG061047.D
 Acq: 29 Apr 2024 14:47

Tgt Ion:112 Resp: 151649
 Ion Ratio Lower Upper
 112 100
 64 72.3 53.7 80.5
 63 44.5 37.0 55.6

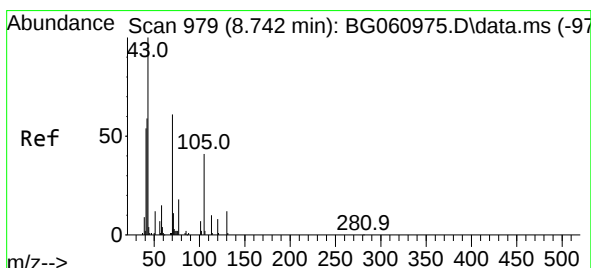
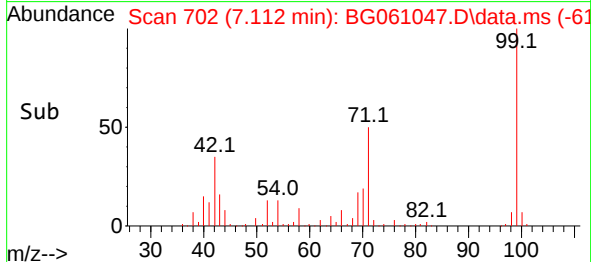
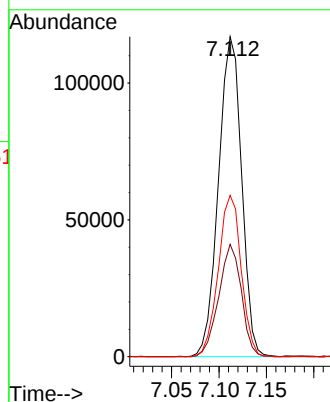
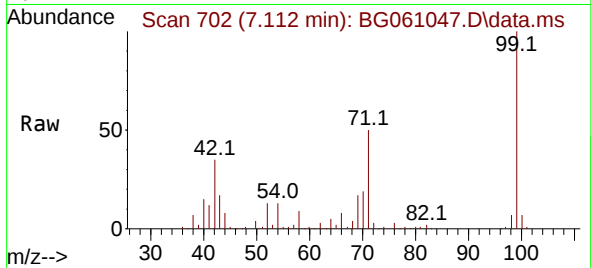




#7
Phenol-d6
Concen: 122.201 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG061047.D
Acq: 29 Apr 2024 14:47

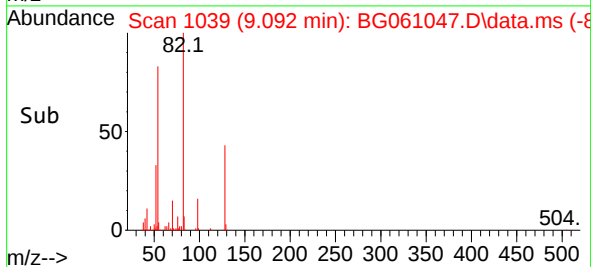
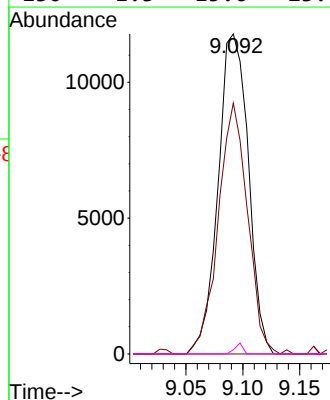
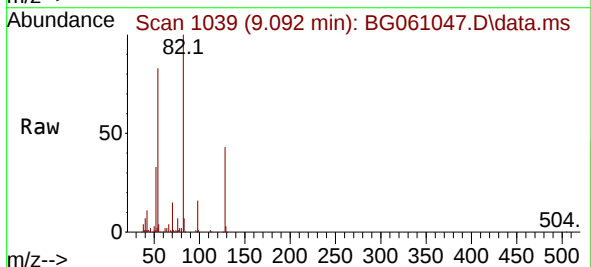
Instrument :
BNA_G
ClientSampleId :

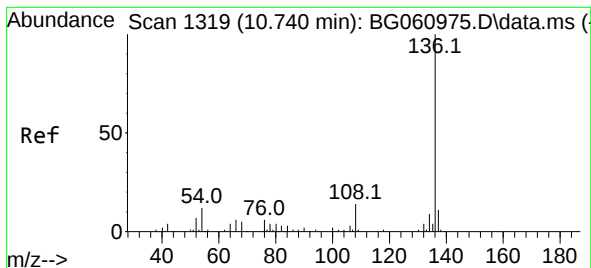
Tgt Ion: 99 Resp: 198528
Ion Ratio Lower Upper
99 100
42 35.1 27.2 40.8
71 50.4 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.972 ng
RT: 9.092 min Scan# 1039
Delta R.T. 0.350 min
Lab File: BG061047.D
Acq: 29 Apr 2024 14:47

Tgt Ion: 70 Resp: 21759
Ion Ratio Lower Upper
70 100
42 78.4 78.0 117.0
101 0.0 8.6 13.0#
130 1.3 15.6 23.4#

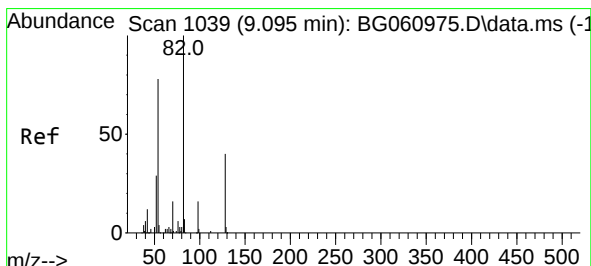
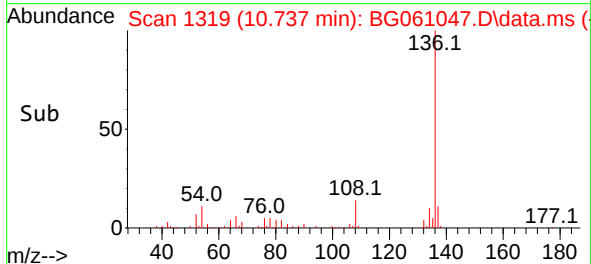
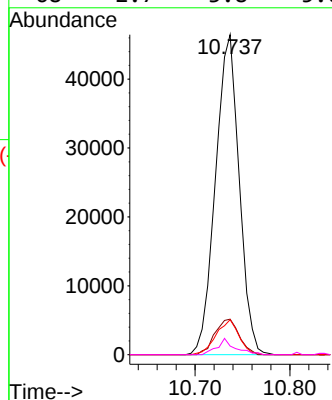
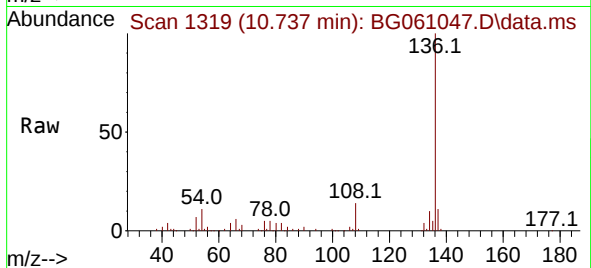




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.003 min
Lab File: BG061047.D
Acq: 29 Apr 2024 14:47

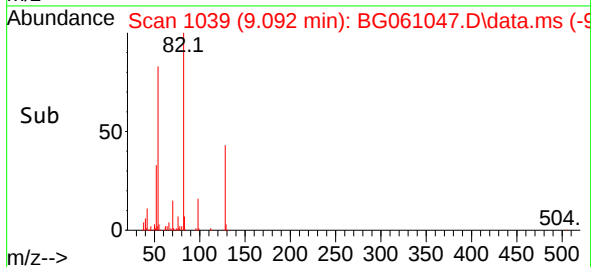
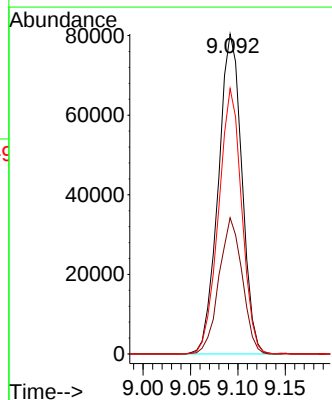
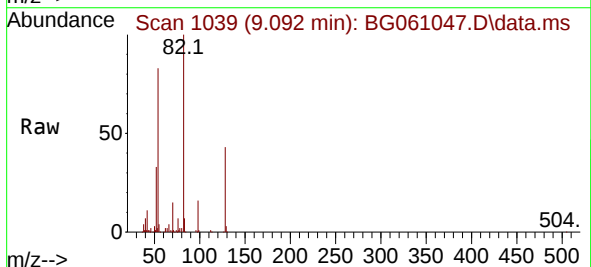
Instrument :
BNA_G
ClientSampleId :

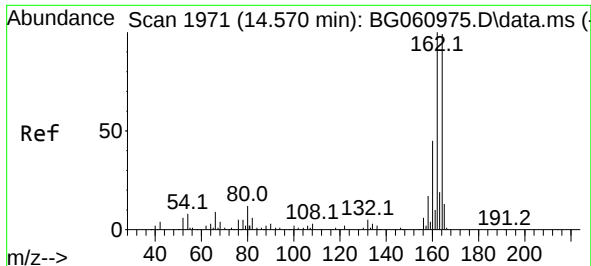
Tgt Ion:136 Resp: 80613
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.0 9.4 14.0
68 2.7 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 77.537 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.003 min
Lab File: BG061047.D
Acq: 29 Apr 2024 14:47

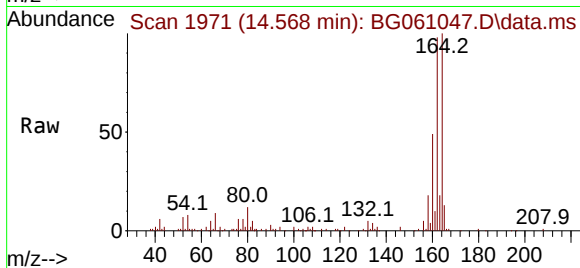
Tgt Ion: 82 Resp: 139119
Ion Ratio Lower Upper
82 100
128 42.5 32.1 48.1
54 82.9 62.3 93.5



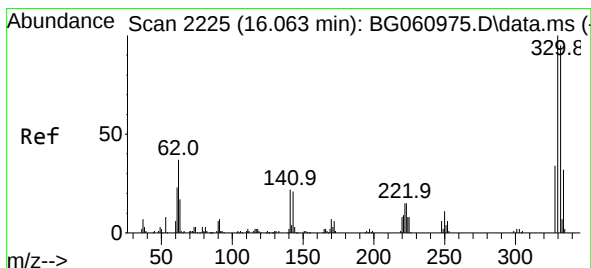
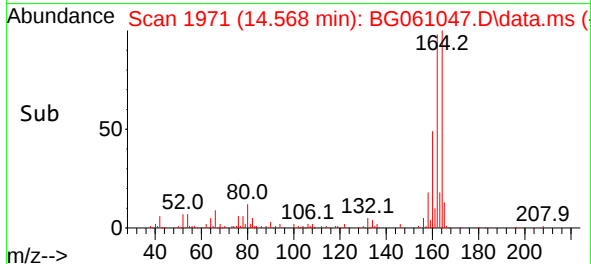
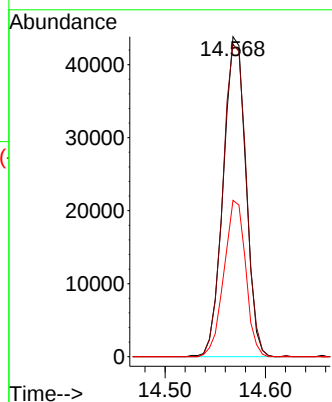


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG061047.D
Acq: 29 Apr 2024 14:47

Instrument :
BNA_G
ClientSampleId :

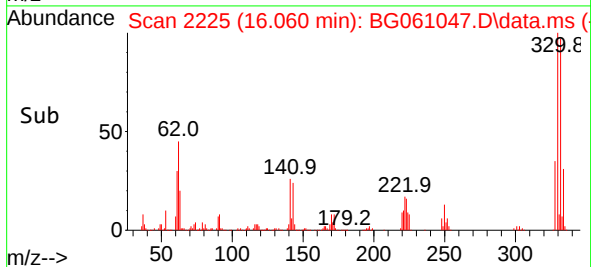
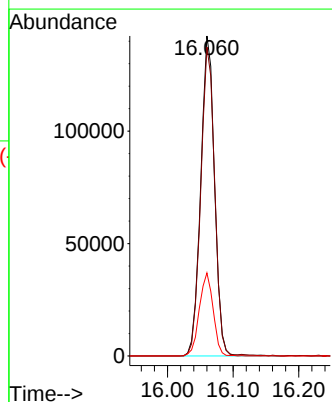
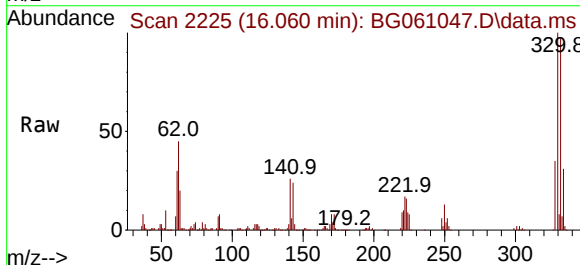


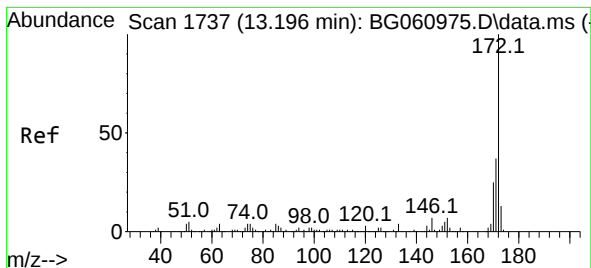
Tgt Ion:164 Resp: 68509
Ion Ratio Lower Upper
164 100
162 97.6 81.2 121.8
160 48.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 138.783 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG061047.D
Acq: 29 Apr 2024 14:47

Tgt Ion:330 Resp: 208786
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 25.9 20.6 31.0





#45

2-Fluorobiphenyl

Concen: 86.627 ng

RT: 13.193 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG061047.D

Acq: 29 Apr 2024 14:47

Instrument :

BNA_G

ClientSampleId :

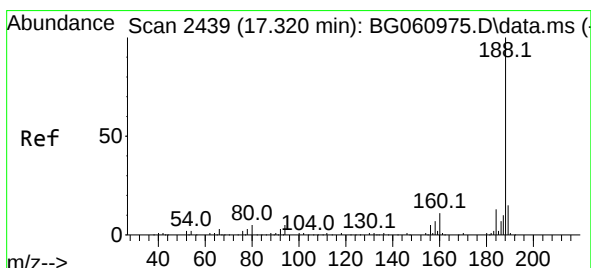
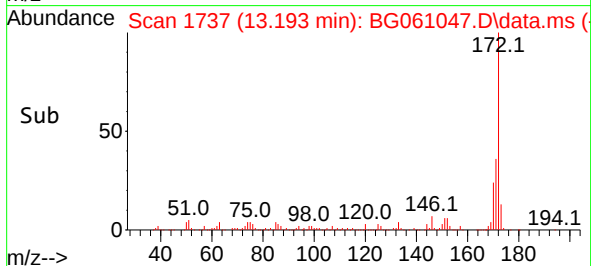
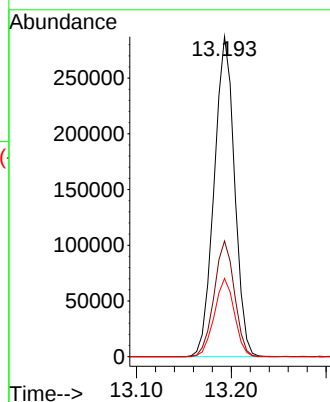
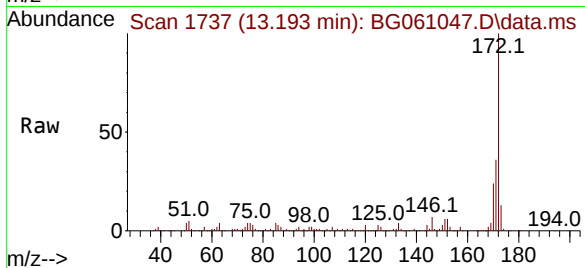
Tgt Ion:172 Resp: 428805

Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 24.5 20.1 30.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG061047.D

Acq: 29 Apr 2024 14:47

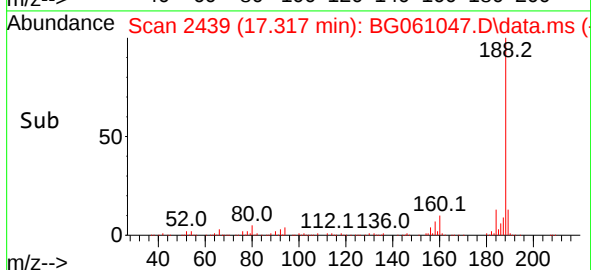
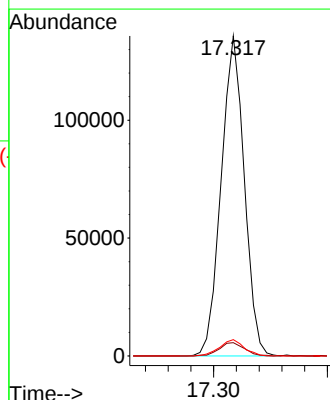
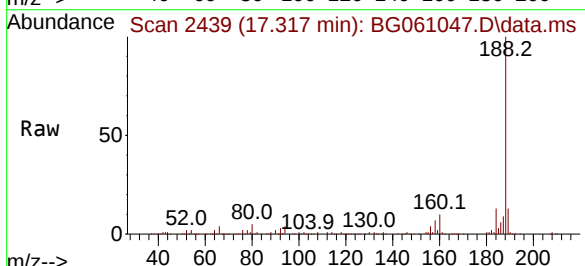
Tgt Ion:188 Resp: 191785

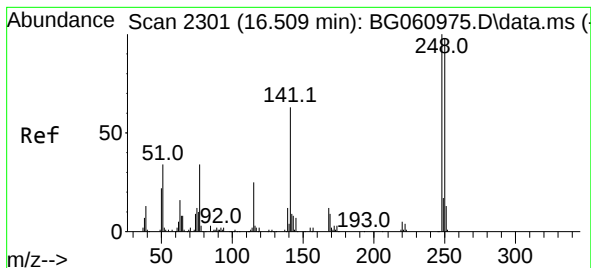
Ion Ratio Lower Upper

188 100

94 4.2 4.1 6.1

80 5.1 4.0 6.0

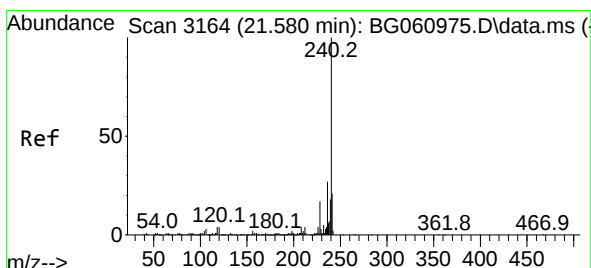
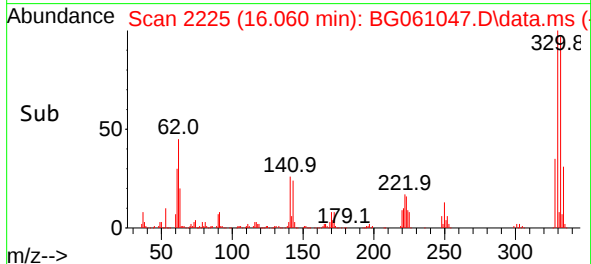
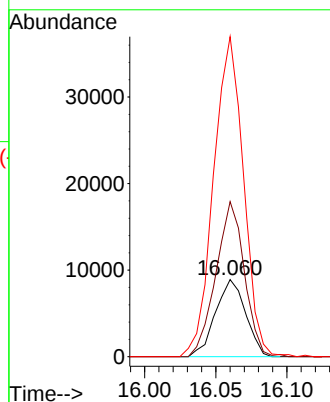
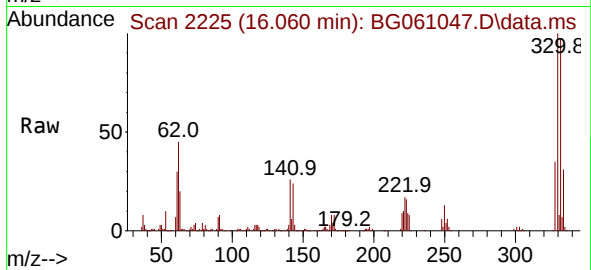




#67
4-Bromophenyl-phenylether
Concen: 5.189 ng
RT: 16.060 min Scan# 211
Delta R.T. -0.449 min
Lab File: BG061047.D
Acq: 29 Apr 2024 14:47

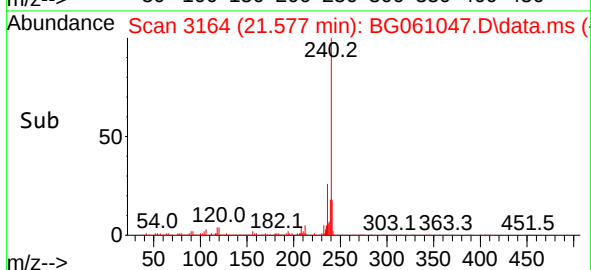
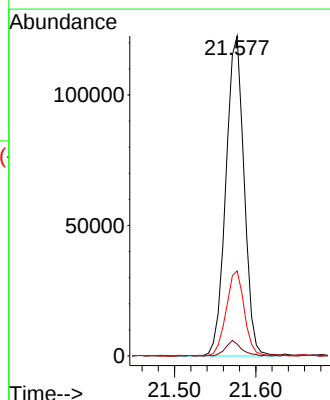
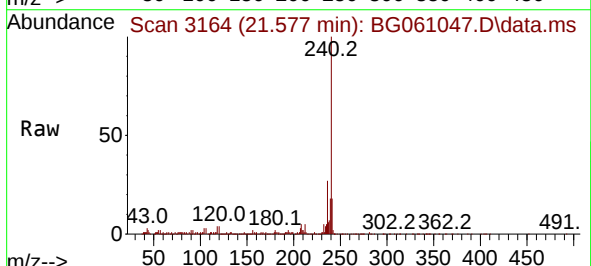
Instrument :
BNA_G
ClientSampleId :

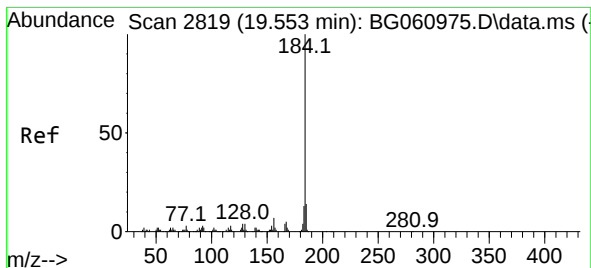
Tgt Ion:248 Resp: 13135
Ion Ratio Lower Upper
248 100
250 201.3 78.7 118.1#
141 415.3 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3164
Delta R.T. -0.003 min
Lab File: BG061047.D
Acq: 29 Apr 2024 14:47

Tgt Ion:240 Resp: 191124
Ion Ratio Lower Upper
240 100
120 3.7 3.0 4.6
236 26.6 21.8 32.6





#77

Benzidine

Concen: 4.958 ng

RT: 19.938 min Scan# 2885

Delta R.T. 0.385 min

Lab File: BG061047.D

Acq: 29 Apr 2024 14:47

Instrument :

BNA_G

ClientSampleId :

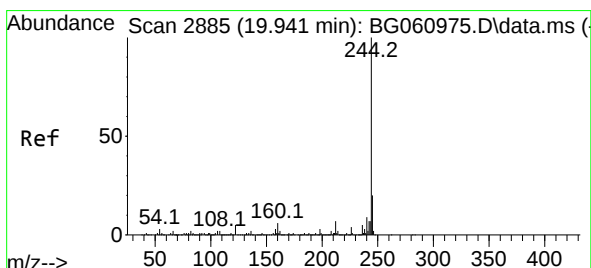
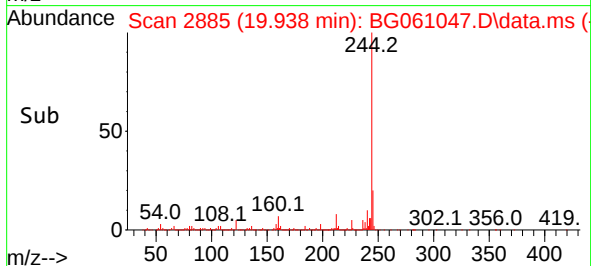
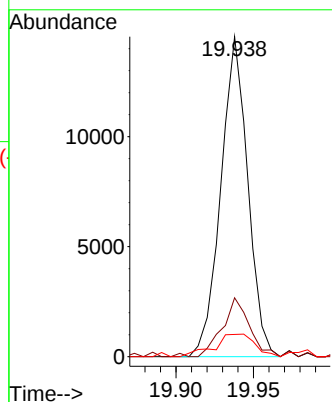
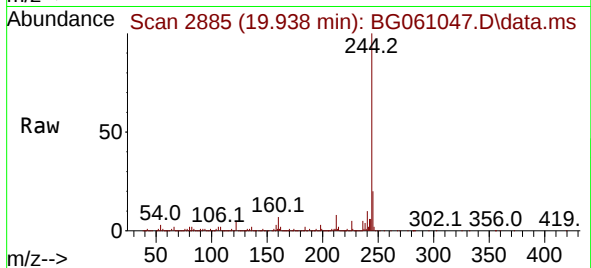
Tgt Ion:184 Resp: 17557

Ion Ratio Lower Upper

184 100

185 18.4 11.3 16.9#

183 7.0 10.2 15.2#



#79

Terphenyl-d14

Concen: 88.114 ng

RT: 19.938 min Scan# 2885

Delta R.T. -0.003 min

Lab File: BG061047.D

Acq: 29 Apr 2024 14:47

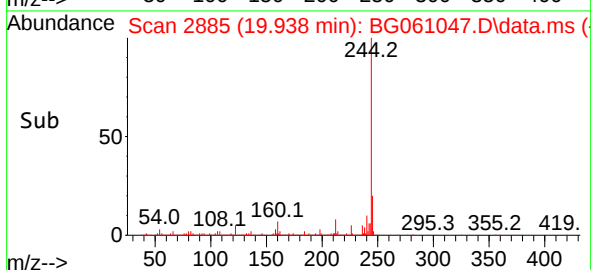
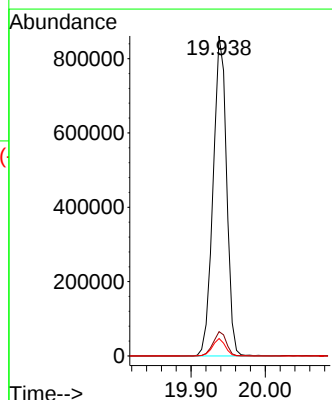
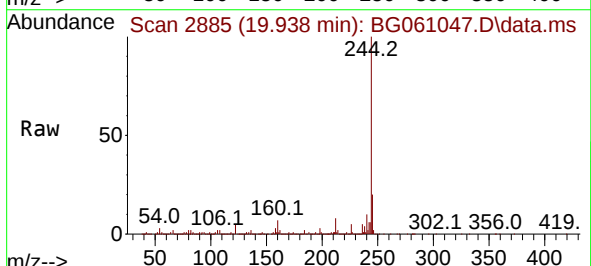
Tgt Ion:244 Resp: 1084935

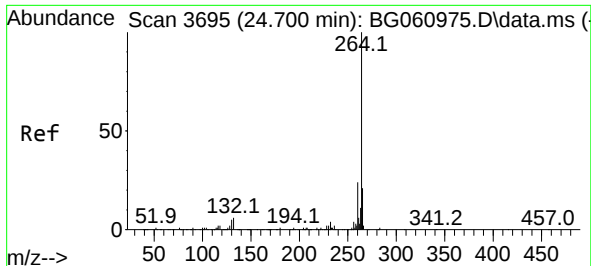
Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

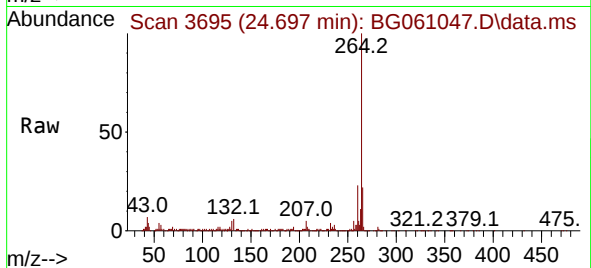
122 5.5 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG061047.D
Acq: 29 Apr 2024 14:47

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 229600

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.2	17.0	25.4

