

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061024.D
 Acq On : 24 Apr 2024 14:00
 Operator : MA/JU
 Sample : P2225-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-06-042224

Quant Time: Apr 24 14:50:39 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)

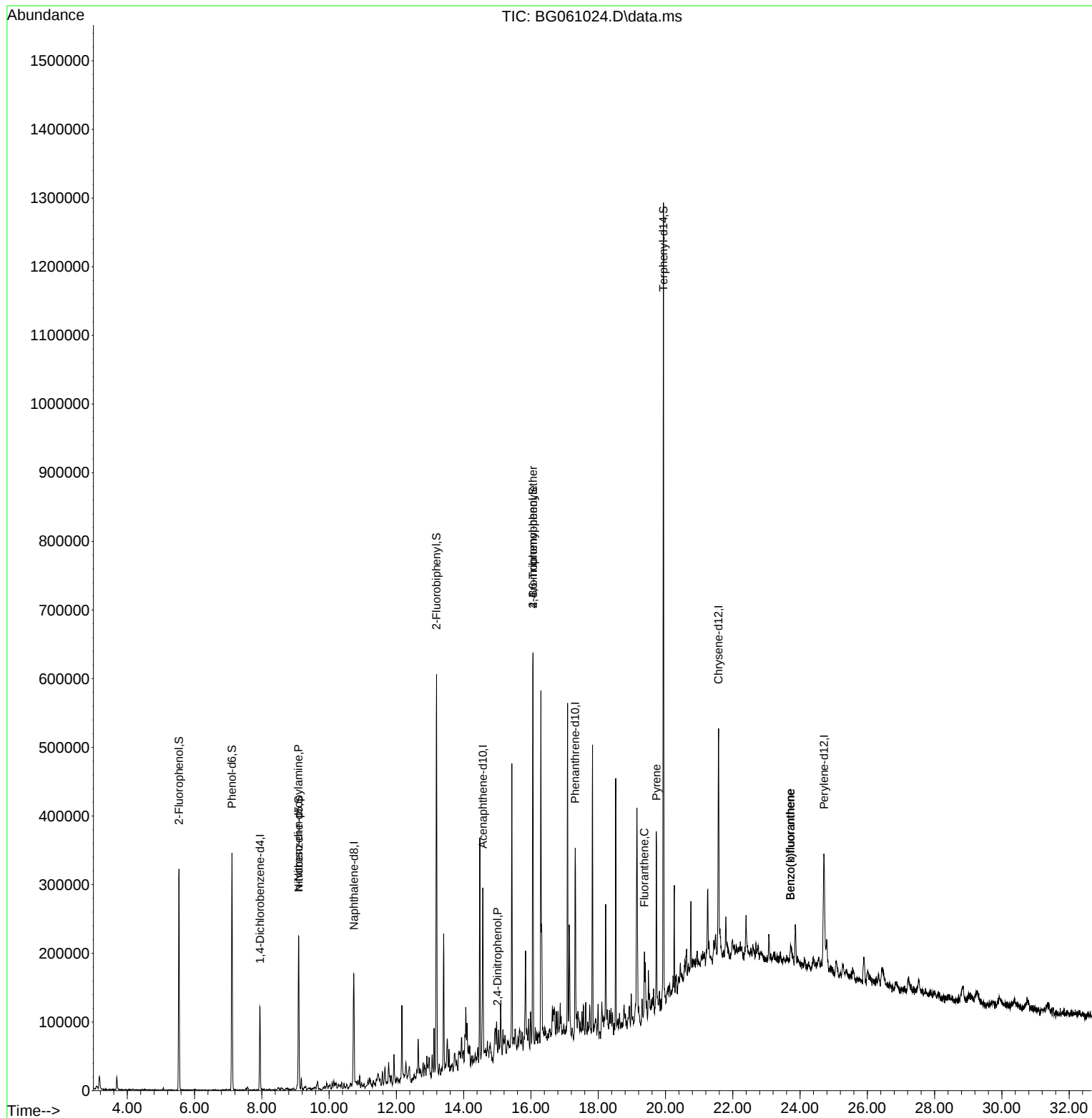
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	31889	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	114490	20.000	ng	# 0.00
39) Acenaphthene-d10	14.574	164	84200	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	186549	20.000	ng	# 0.00
76) Chrysene-d12	21.578	240	195202	20.000	ng	0.00
86) Perylene-d12	24.710	264	233903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	120009	76.123	ng	0.00
7) Phenol-d6	7.113	99	156268	66.806	ng	0.00
23) Nitrobenzene-d5	9.098	82	114523	44.942	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	117957	63.796	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	308061	50.637	ng	0.00
79) Terphenyl-d14	19.939	244	575535	45.766	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.093	70	17633	10.115	ng	# 64
54) 2,4-Dinitrophenol	15.003	184	73	5.637	ng	# 12
67) 4-Bromophenyl-phenylether	16.061	248	7330	2.977	ng	# 1
75) Fluoranthene	19.375	202	34338	2.717	ng	99
78) Pyrene	19.733	202	37471	2.819	ng	96
88) Benzo(b)fluoranthene	23.717	252	37837	2.855	ng	# 82
89) Benzo(k)fluoranthene	23.717	252	37837	2.828	ng	# 79

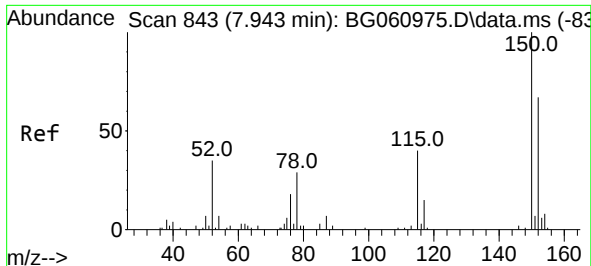
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
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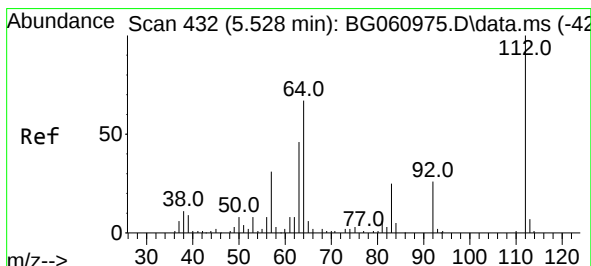
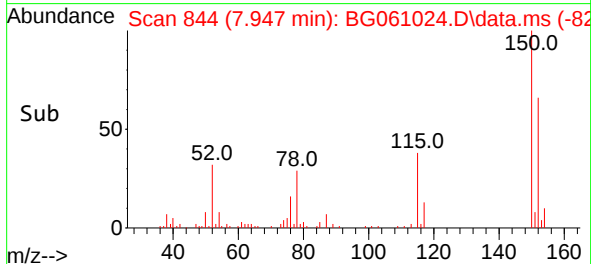
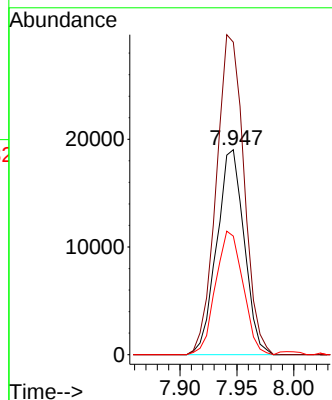
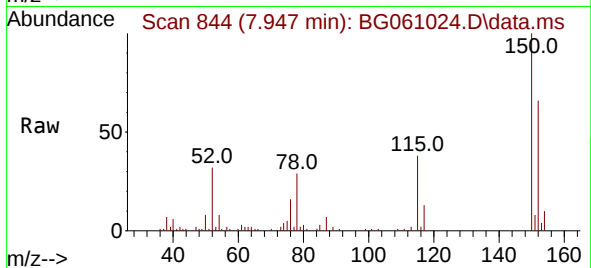




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 844
Delta R.T. 0.004 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

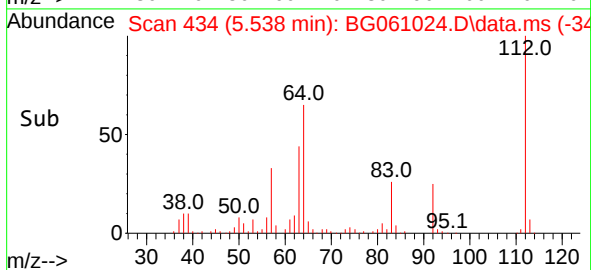
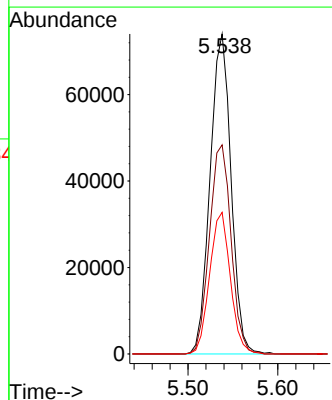
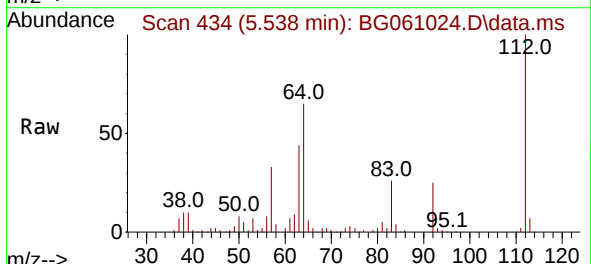
Instrument :
BNA_G
ClientSampleId :
TR-06-042224

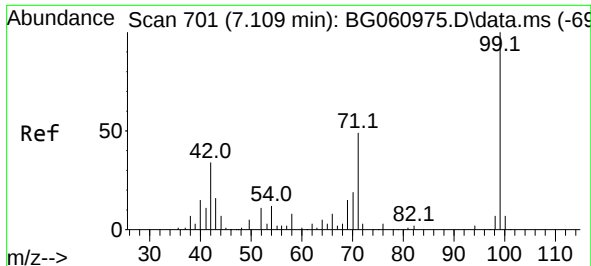
Tgt Ion:152 Resp: 31889
Ion Ratio Lower Upper
152 100
150 152.5 118.6 178.0
115 57.9 47.4 71.0



#5
2-Fluorophenol
Concen: 76.123 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.010 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

Tgt Ion:112 Resp: 120009
Ion Ratio Lower Upper
112 100
64 65.3 53.7 80.5
63 44.3 37.0 55.6

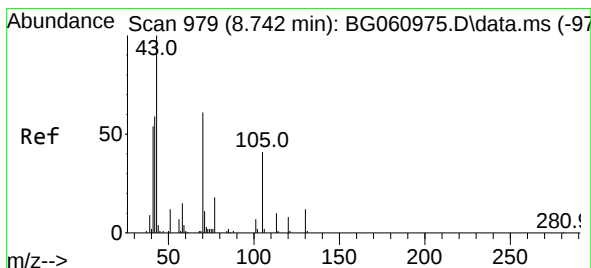
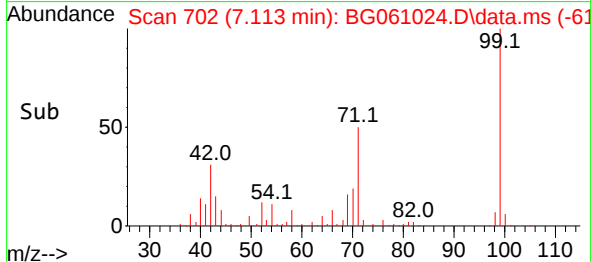
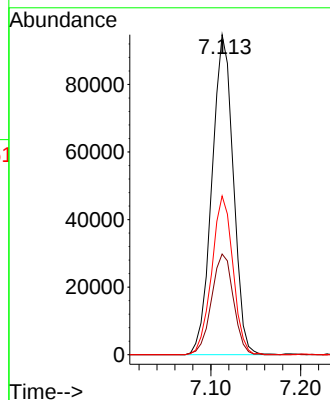
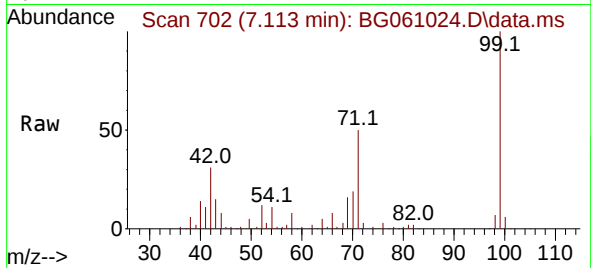




#7
Phenol-d6
Concen: 66.806 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

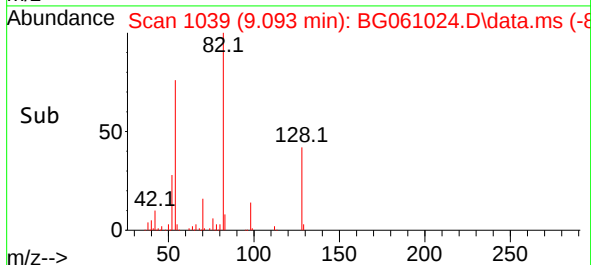
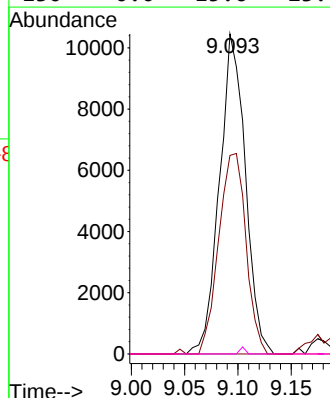
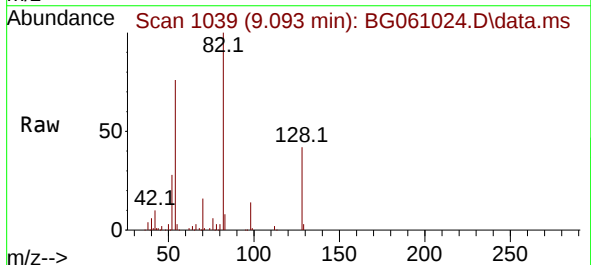
Instrument :
BNA_G
ClientSampleId :
TR-06-042224

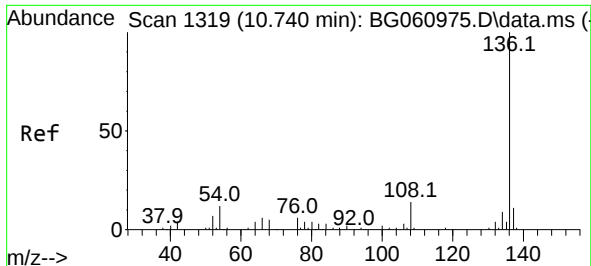
Tgt Ion: 99 Resp: 156268
Ion Ratio Lower Upper
99 100
42 31.4 27.2 40.8
71 49.6 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.115 ng
RT: 9.093 min Scan# 1039
Delta R.T. 0.351 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

Tgt Ion: 70 Resp: 17633
Ion Ratio Lower Upper
70 100
42 62.1 78.0 117.0#
101 0.0 8.6 13.0#
130 0.0 15.6 23.4#

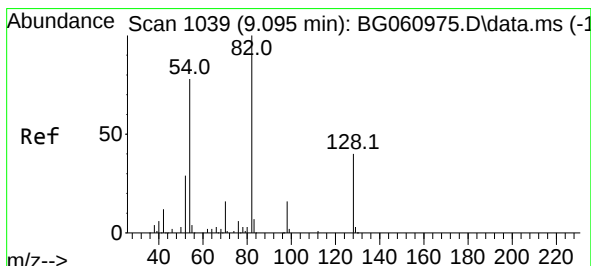
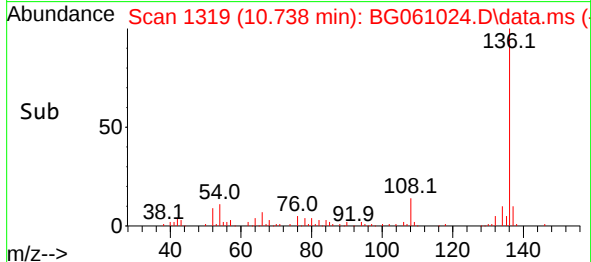
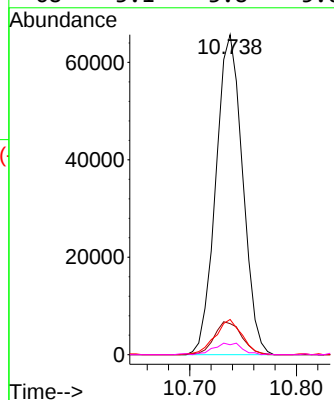
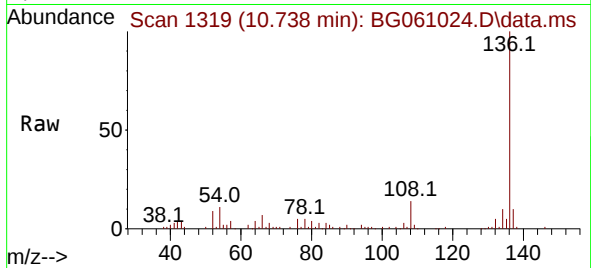




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

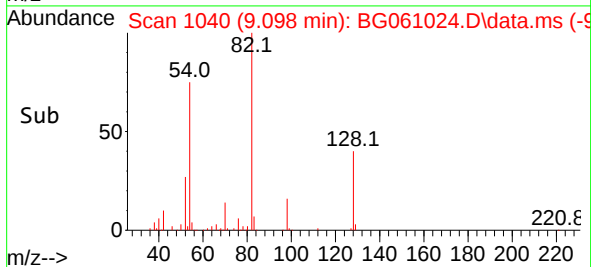
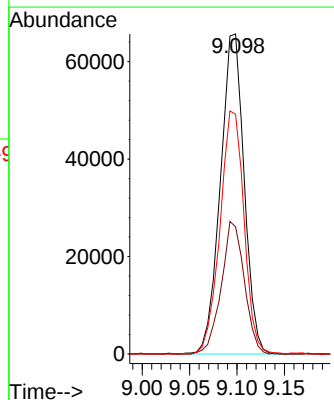
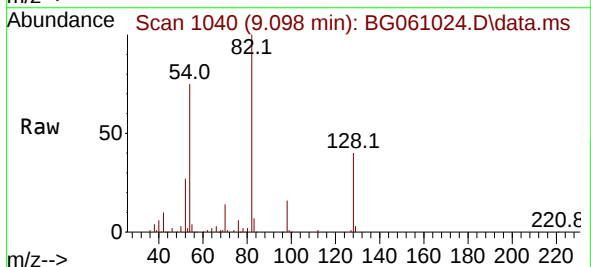
Instrument :
BNA_G
ClientSampleId :
TR-06-042224

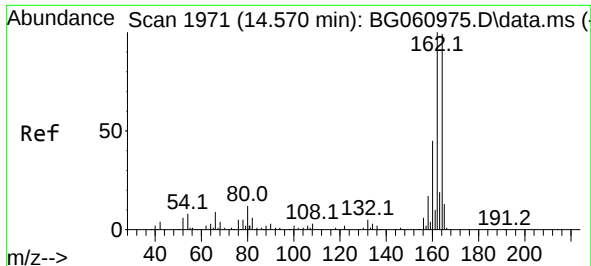
Tgt Ion:136 Resp: 114490
Ion Ratio Lower Upper
136 100
137 9.7 8.5 12.7
54 11.0 9.4 14.0
68 3.1 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 44.942 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.004 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

Tgt Ion: 82 Resp: 114523
Ion Ratio Lower Upper
82 100
128 39.7 32.1 48.1
54 74.9 62.3 93.5

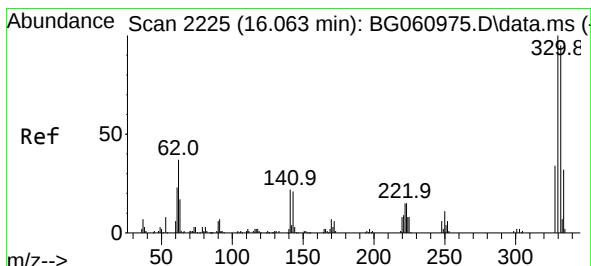
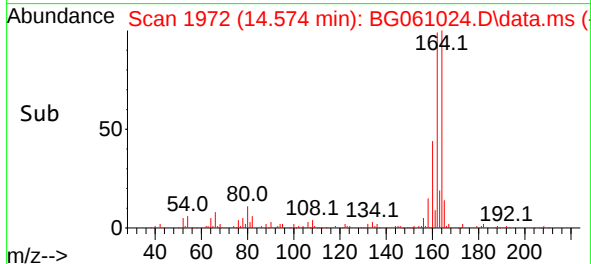
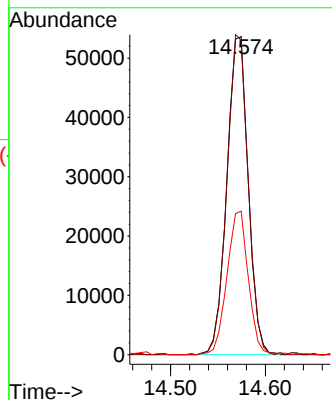
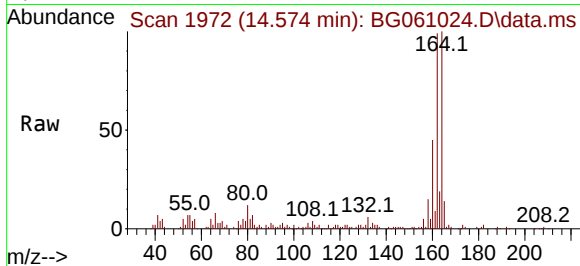




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

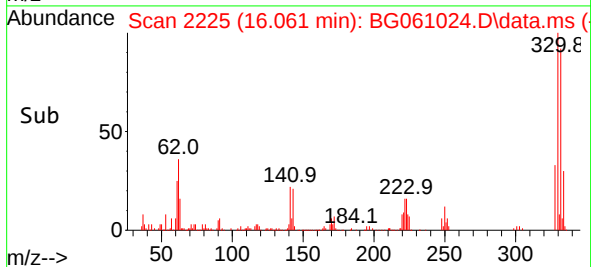
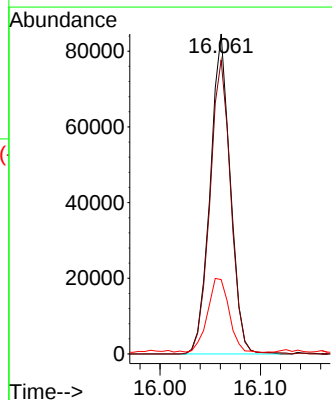
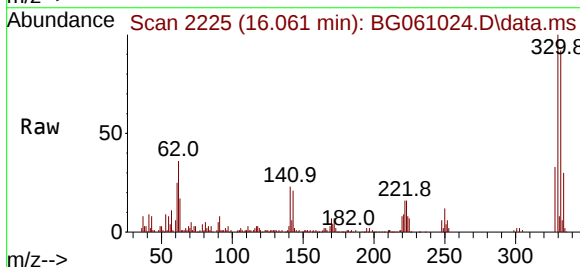
Instrument :
BNA_G
ClientSampleId :
TR-06-042224

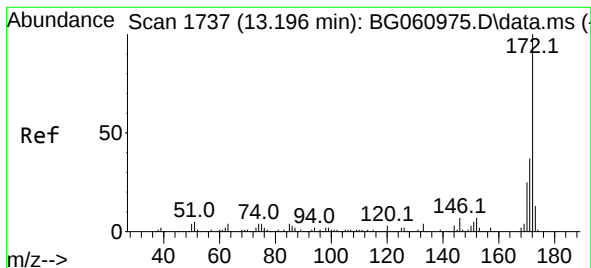
Tgt Ion:164 Resp: 84200
Ion Ratio Lower Upper
164 100
162 98.9 81.2 121.8
160 45.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 63.796 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

Tgt Ion:330 Resp: 117957
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 24.7 20.6 31.0

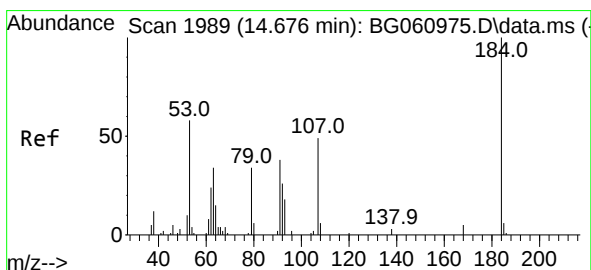
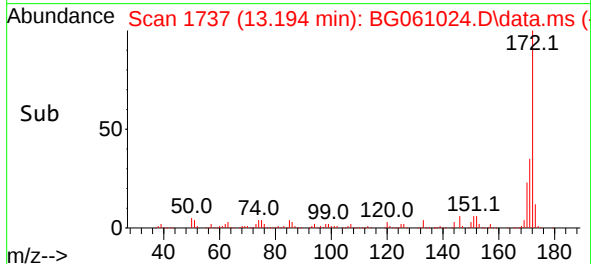
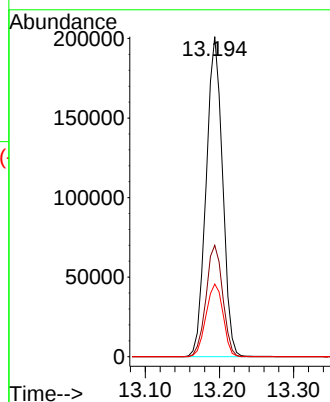
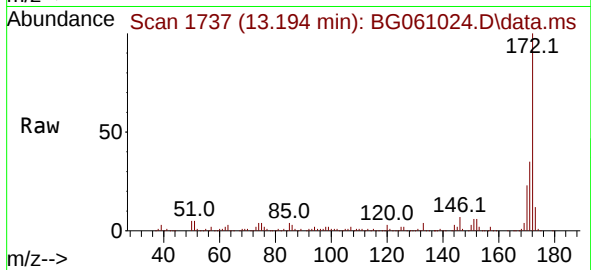




#45
2-Fluorobiphenyl
Concen: 50.637 ng
RT: 13.194 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

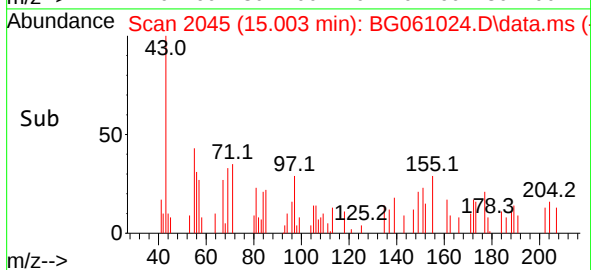
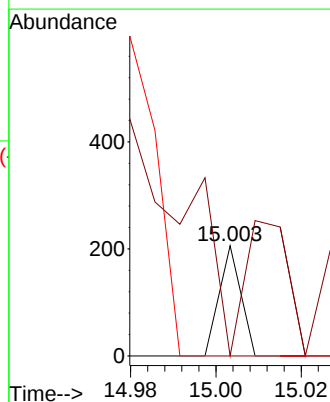
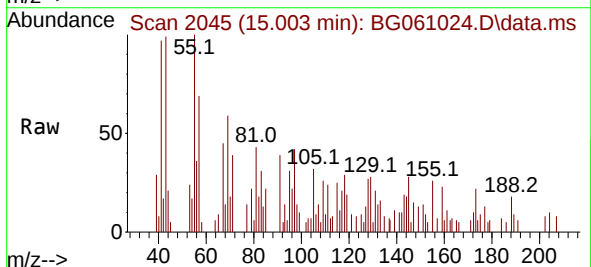
Instrument :
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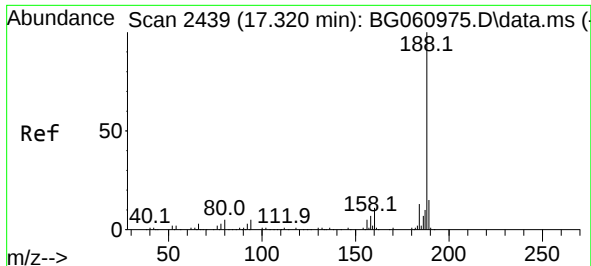
Tgt Ion:172 Resp: 308061
Ion Ratio Lower Upper
172 100
171 34.8 29.3 43.9
170 22.7 20.1 30.1



#54
2,4-Dinitrophenol
Concen: 5.637 ng
RT: 15.003 min Scan# 2045
Delta R.T. 0.327 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 59.0 88.6#
154 0.0 61.2 91.8#

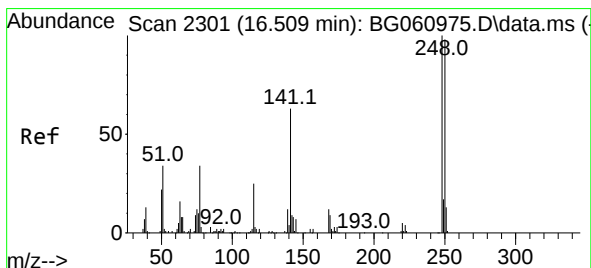
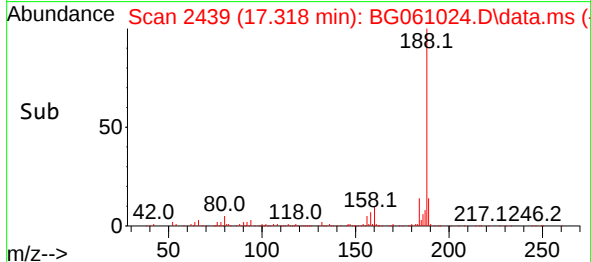
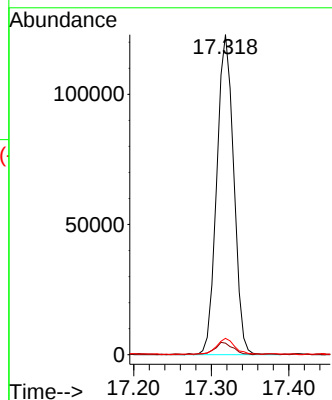
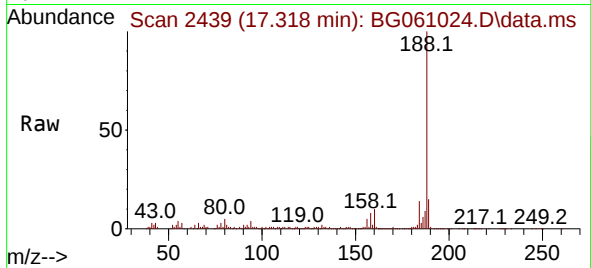




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

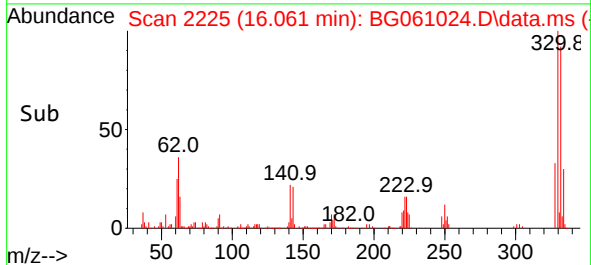
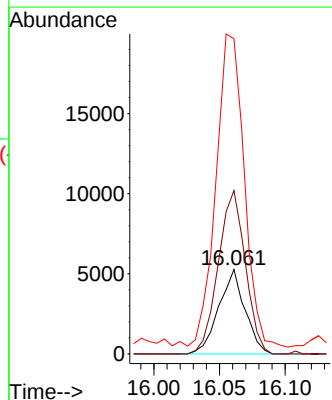
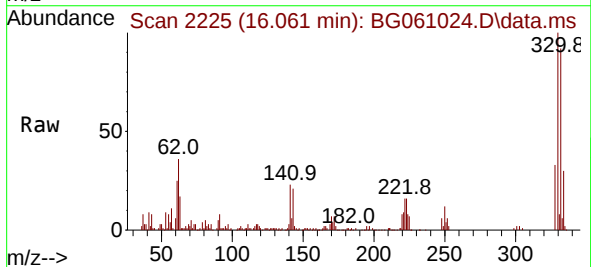
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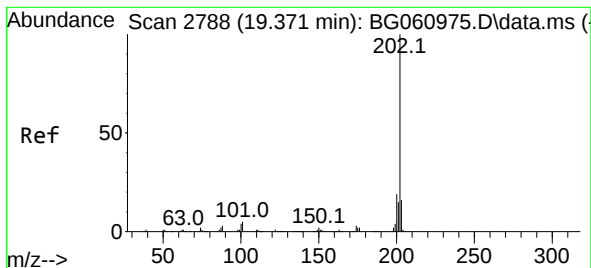
Tgt Ion:188 Resp: 186549
Ion Ratio Lower Upper
188 100
94 3.6 4.1 6.1#
80 5.1 4.0 6.0



#67
4-Bromophenyl-phenylether
Concen: 2.977 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.448 min
Lab File: BG061024.D
Acq: 24 Apr 2024 14:00

Tgt Ion:248 Resp: 7330
Ion Ratio Lower Upper
248 100
250 193.4 78.7 118.1#
141 373.4 50.4 75.6#





#75

Fluoranthene

Concen: 2.717 ng

RT: 19.375 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG061024.D

Acq: 24 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

TR-06-042224

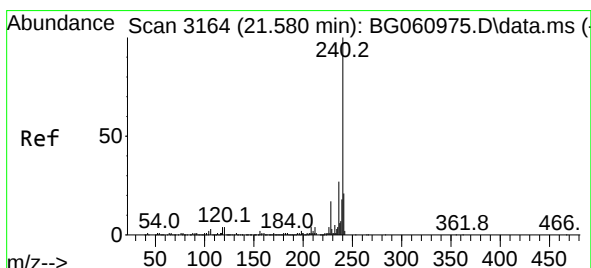
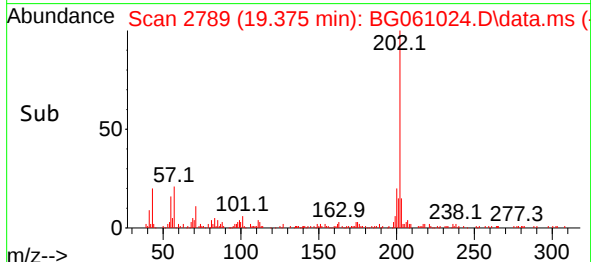
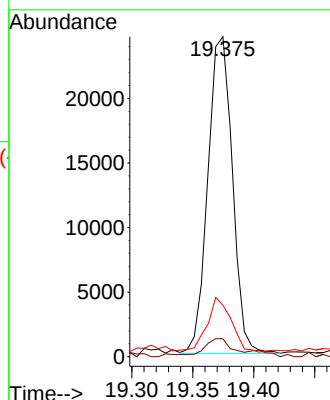
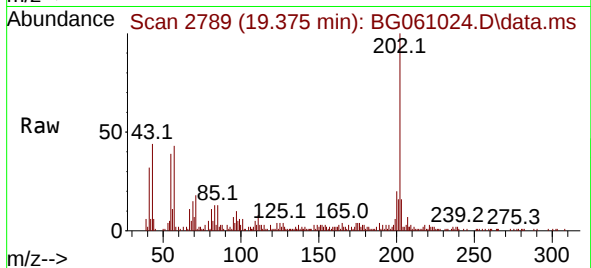
Tgt Ion:202 Resp: 34338

Ion Ratio Lower Upper

202 100

101 5.6 0.0 24.9

203 16.1 0.0 36.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3164

Delta R.T. -0.002 min

Lab File: BG061024.D

Acq: 24 Apr 2024 14:00

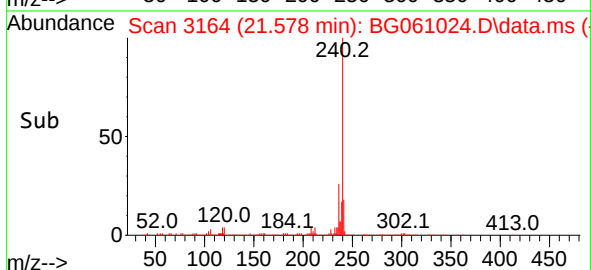
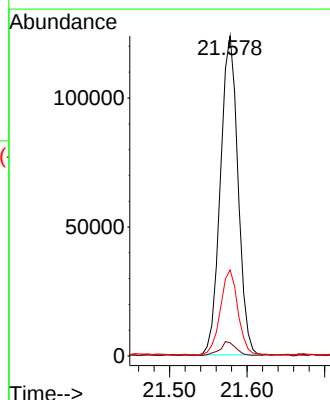
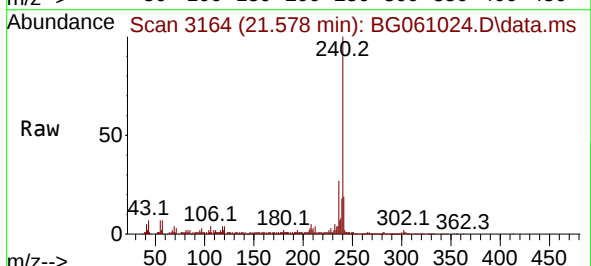
Tgt Ion:240 Resp: 195202

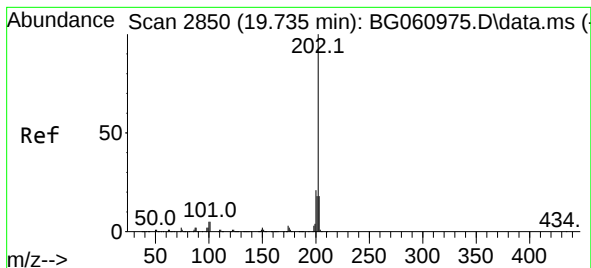
Ion Ratio Lower Upper

240 100

120 4.1 3.0 4.6

236 26.9 21.8 32.6





#78

Pyrene

Concen: 2.819 ng

RT: 19.733 min Scan# 2850

Delta R.T. -0.002 min

Lab File: BG061024.D

Acq: 24 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

TR-06-042224

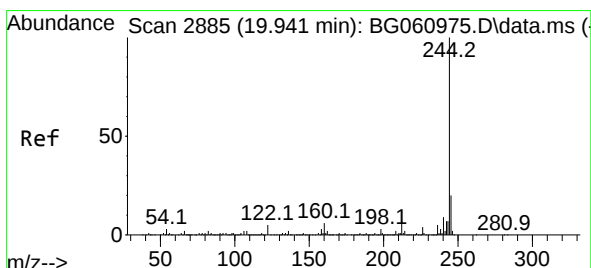
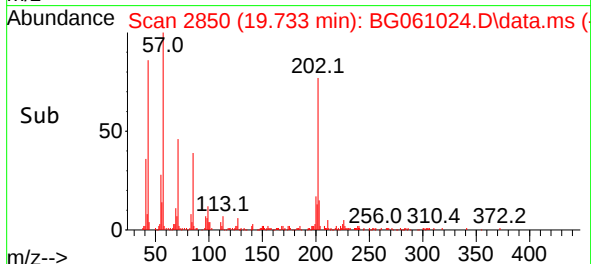
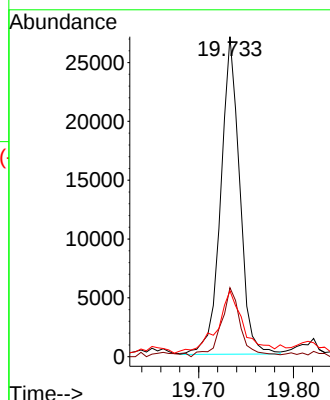
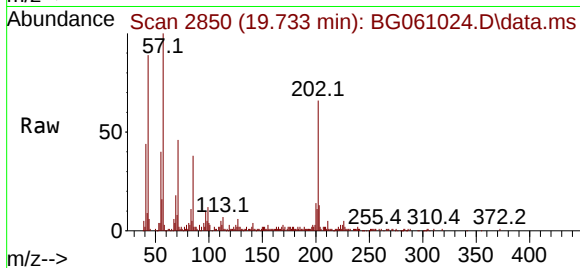
Tgt Ion:202 Resp: 37471

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

203 20.6 14.2 21.2



#79

Terphenyl-d14

Concen: 45.766 ng

RT: 19.939 min Scan# 2885

Delta R.T. -0.002 min

Lab File: BG061024.D

Acq: 24 Apr 2024 14:00

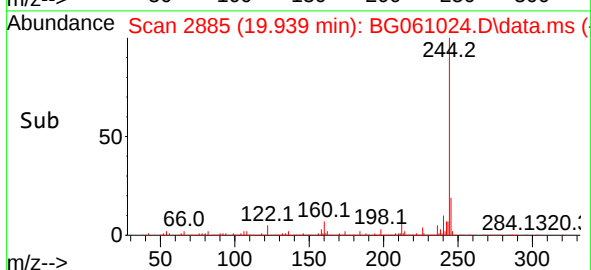
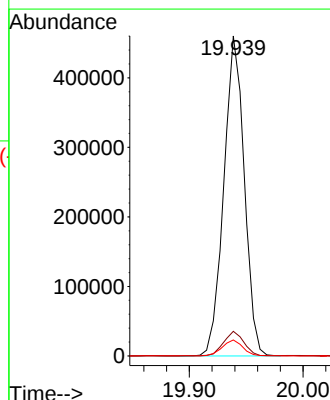
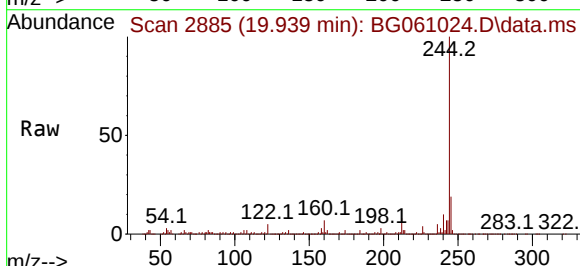
Tgt Ion:244 Resp: 575535

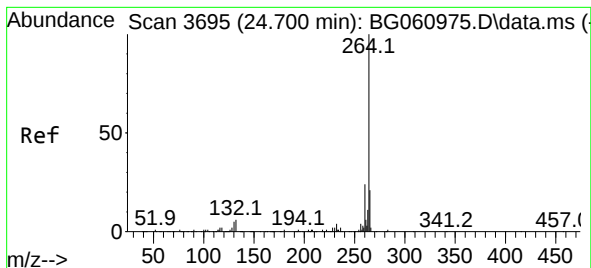
Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 5.0 4.2 6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.710 min Scan# 30

Delta R.T. 0.010 min

Lab File: BG061024.D

Acq: 24 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

TR-06-042224

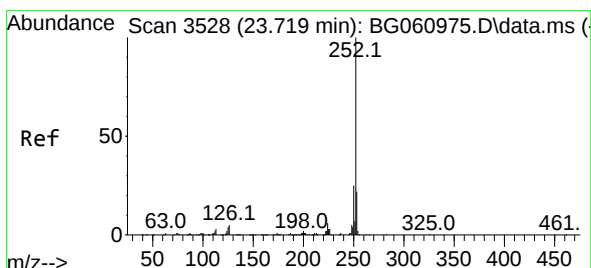
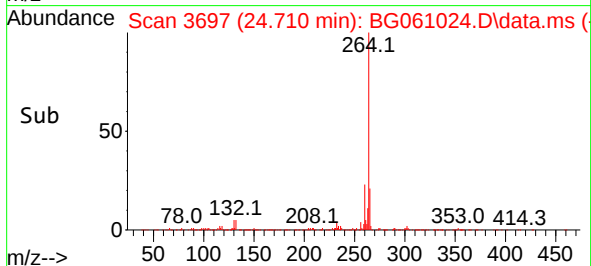
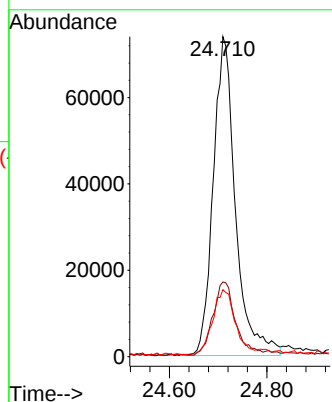
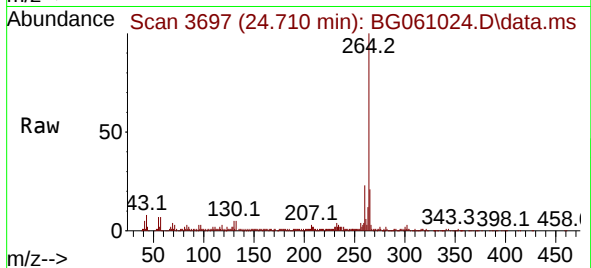
Tgt Ion:264 Resp: 233903

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 20.9 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.855 ng

RT: 23.717 min Scan# 3528

Delta R.T. -0.002 min

Lab File: BG061024.D

Acq: 24 Apr 2024 14:00

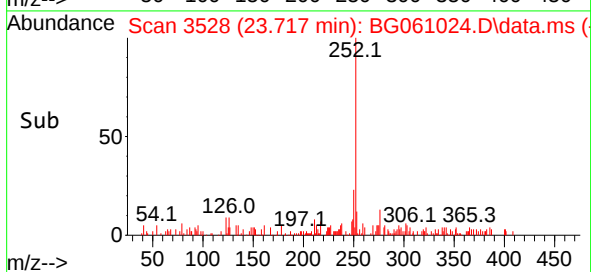
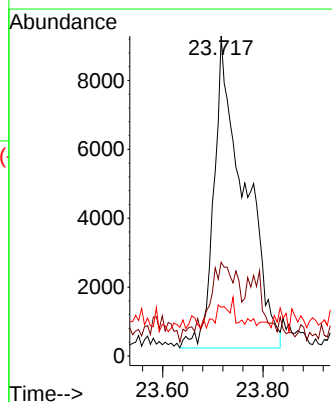
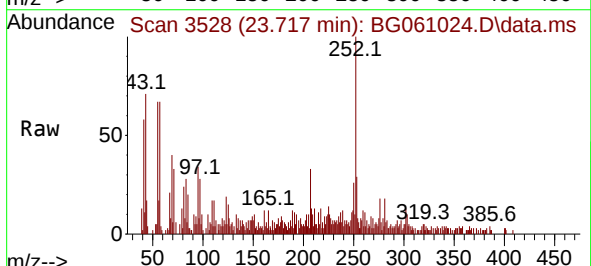
Tgt Ion:252 Resp: 37837

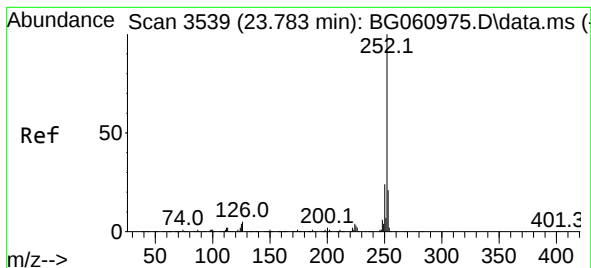
Ion Ratio Lower Upper

252 100

253 29.2 17.5 26.3#

125 15.2 3.3 4.9#





#89

Benzo(k)fluoranthene

Concen: 2.828 ng

RT: 23.717 min Scan# 3

Delta R.T. -0.067 min

Lab File: BG061024.D

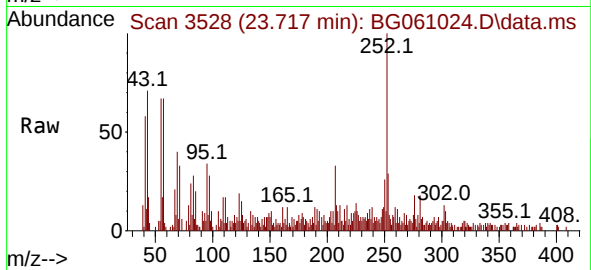
Acq: 24 Apr 2024 14:00

Instrument :

BNA_G

ClientSampleId :

TR-06-042224



Tgt Ion:252 Resp: 37837

Ion Ratio Lower Upper

252 100

253 29.2 16.6 25.0#

125 15.2 3.3 4.9#

