

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061030.D
 Acq On : 24 Apr 2024 19:38
 Operator : MA/JU
 Sample : P2247-04 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-04232024

Quant Time: Apr 25 01:19:49 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)

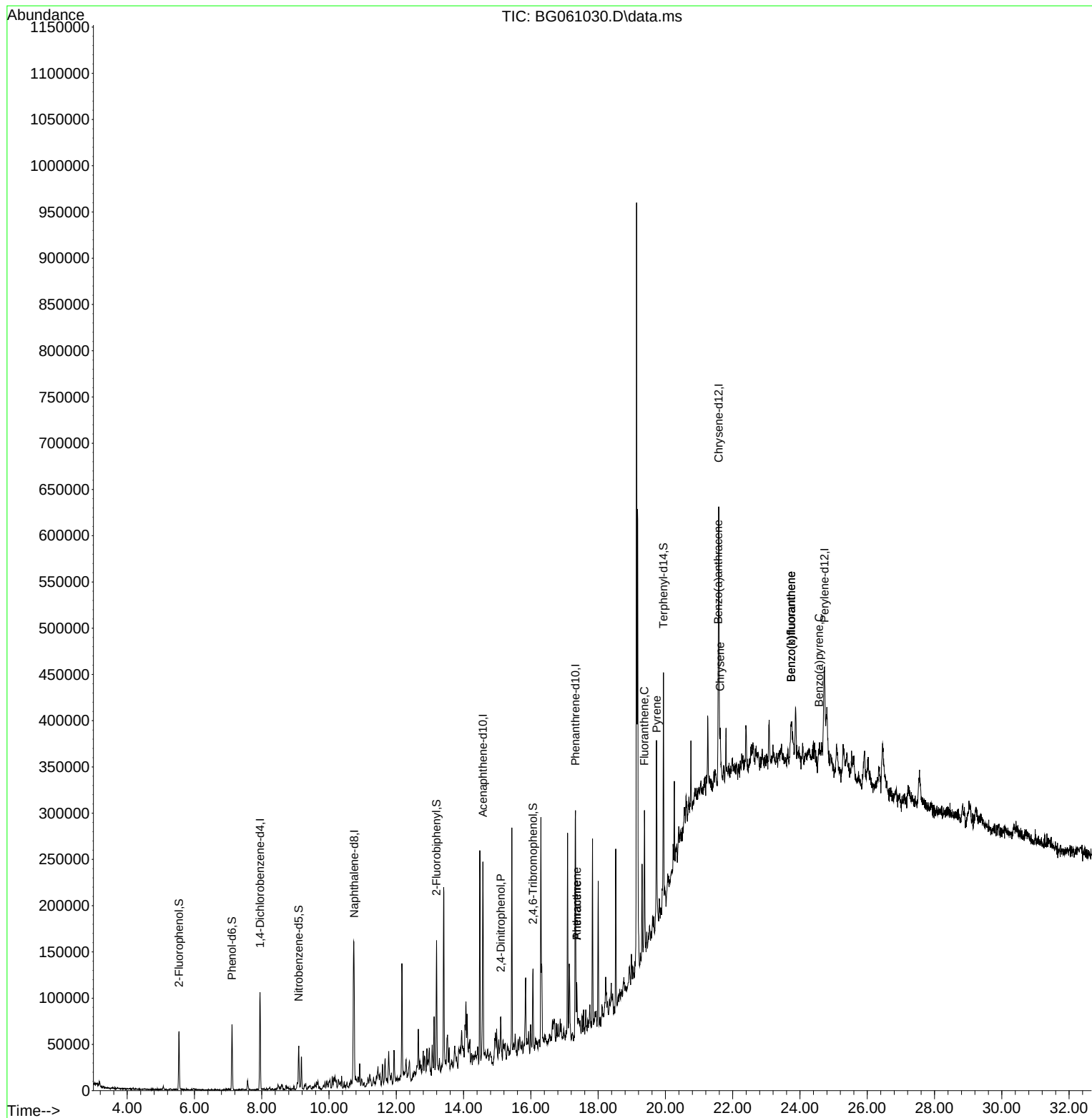
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	27140	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	98270	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	72457	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	161528	20.000	ng	# 0.00
76) Chrysene-d12	21.584	240	173635	20.000	ng	0.00
86) Perylene-d12	24.728	264	153761	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	24072	17.941	ng	0.01
7) Phenol-d6	7.113	99	30390	15.265	ng	0.00
23) Nitrobenzene-d5	9.099	82	24126	11.030	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	13706	8.614	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	70604	13.486	ng	0.00
79) Terphenyl-d14	19.939	244	121450	10.857	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	15.104	184	56	5.629	ng	# 12
71) Phenanthrene	17.366	178	35930	4.358	ng	98
72) Anthracene	17.366	178	35930	4.231	ng	99
75) Fluoranthene	19.375	202	74885	6.844	ng	95
78) Pyrene	19.739	202	70858	5.993	ng	98
81) Benzo(a)anthracene	21.567	228	35633	2.919	ng	# 77
83) Chrysene	21.625	228	40720	3.504	ng	# 91
88) Benzo(b)fluoranthene	23.735	252	39467	4.529	ng	# 76
89) Benzo(k)fluoranthene	23.735	252	39467	4.487	ng	# 74
90) Benzo(a)pyrene	24.569	252	25618	3.037	ng	# 74

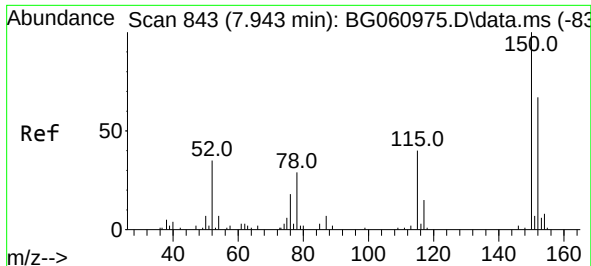
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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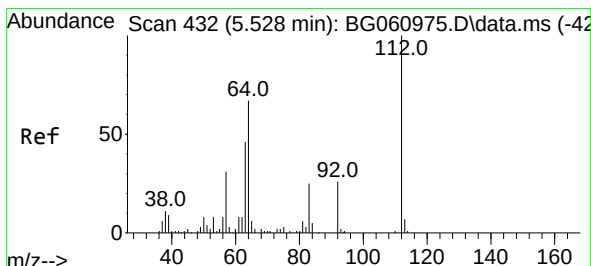
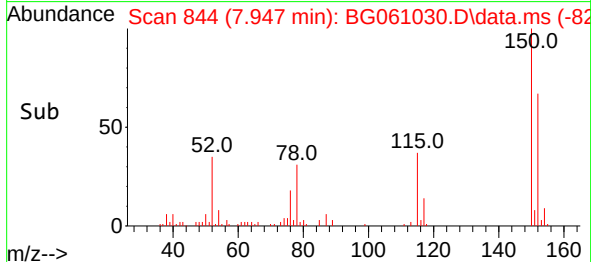
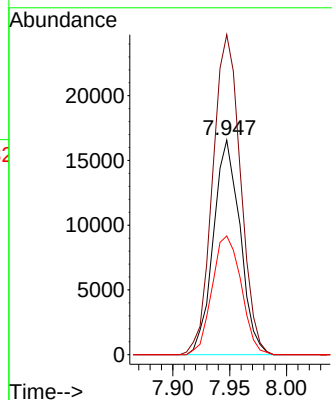
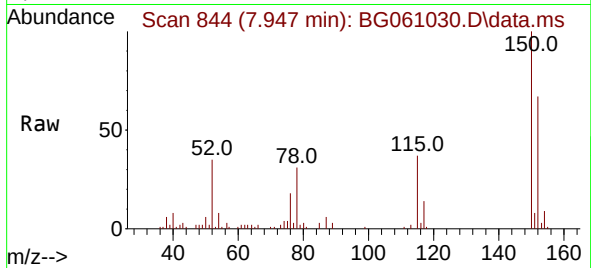




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

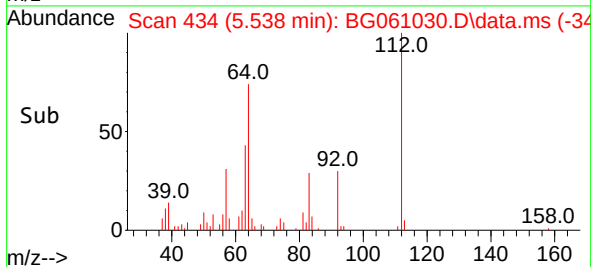
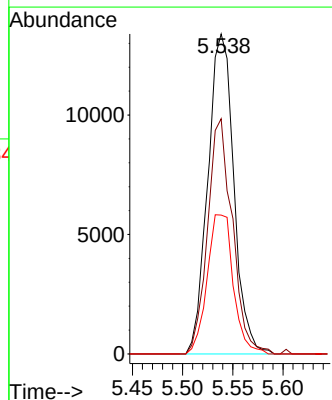
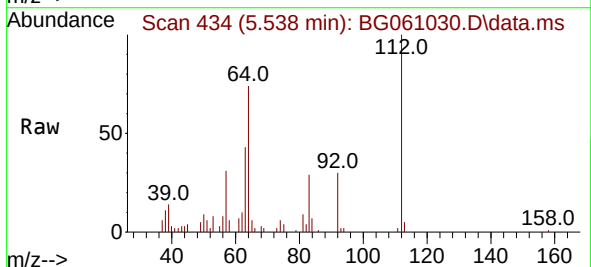
Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

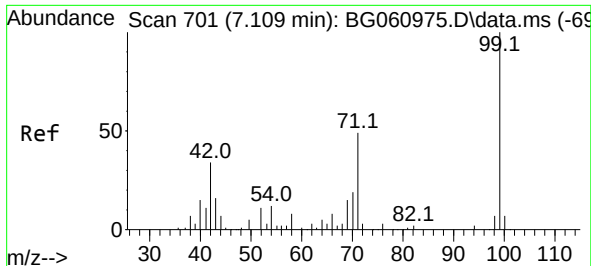
Tgt Ion:152 Resp: 27140
Ion Ratio Lower Upper
152 100
150 149.1 118.6 178.0
115 55.3 47.4 71.0



#5
2-Fluorophenol
Concen: 17.941 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.010 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

Tgt Ion:112 Resp: 24072
Ion Ratio Lower Upper
112 100
64 73.5 53.7 80.5
63 43.4 37.0 55.6

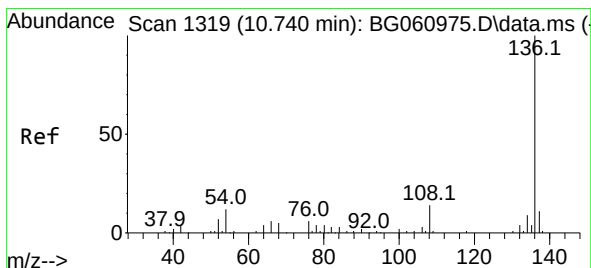
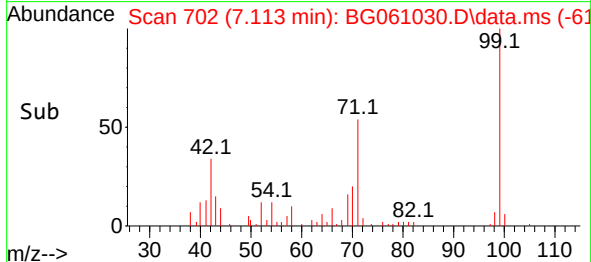
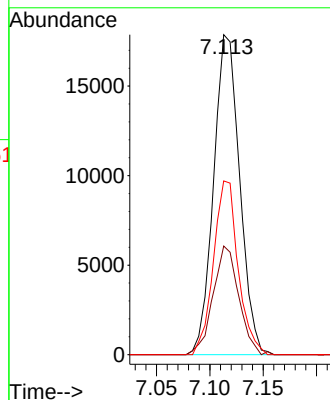
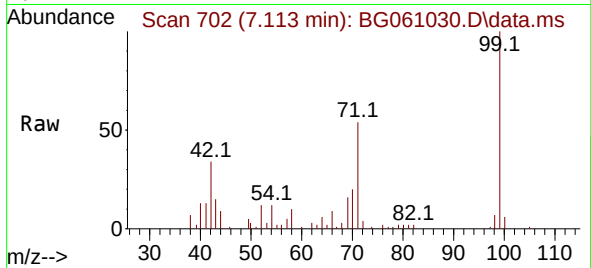




#7
Phenol-d6
Concen: 15.265 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

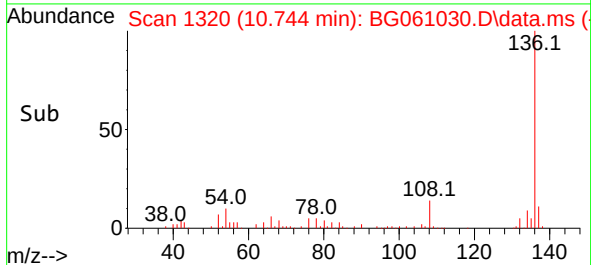
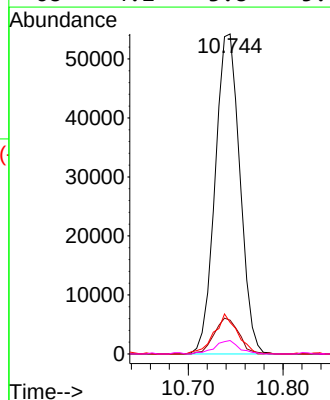
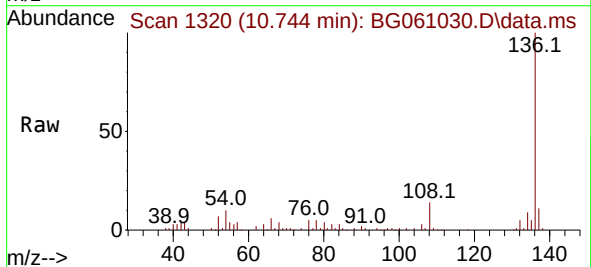
Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

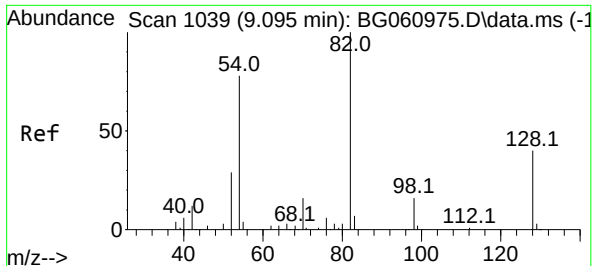
Tgt Ion: 99 Resp: 30390
Ion Ratio Lower Upper
99 100
42 33.9 27.2 40.8
71 54.3 38.8 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1320
Delta R.T. 0.004 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

Tgt Ion: 136 Resp: 98270
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.9 9.4 14.0
68 4.2 3.8 5.6

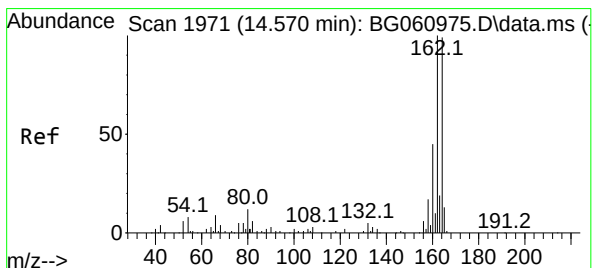
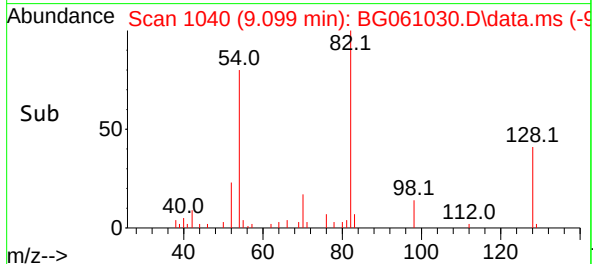
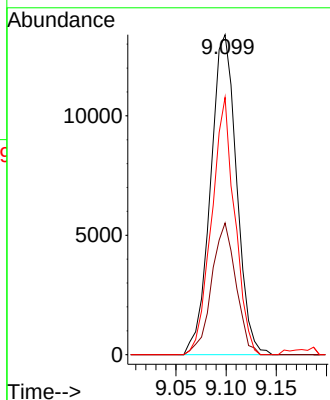
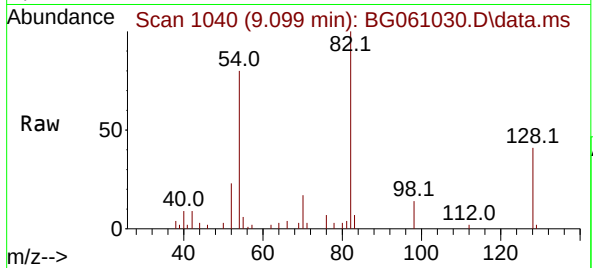




#23
Nitrobenzene-d5
Concen: 11.030 ng
RT: 9.099 min Scan# 1040
Delta R.T. 0.004 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

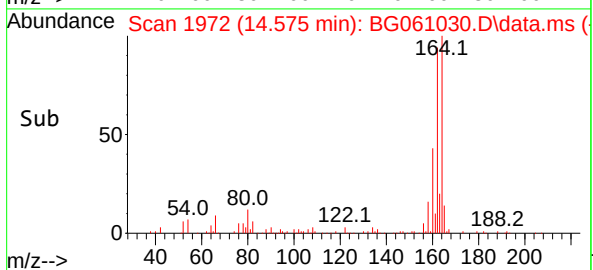
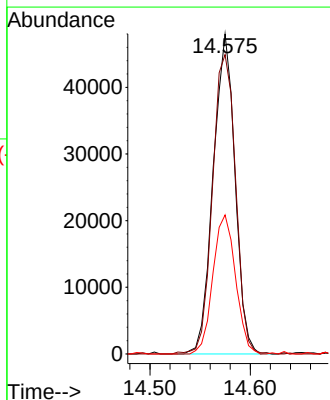
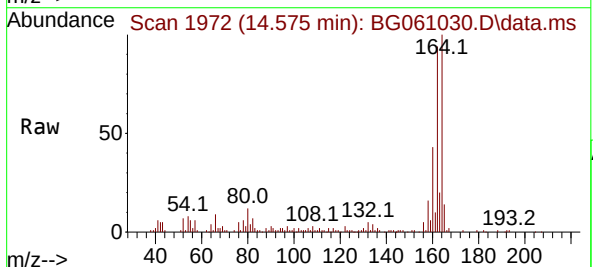
Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

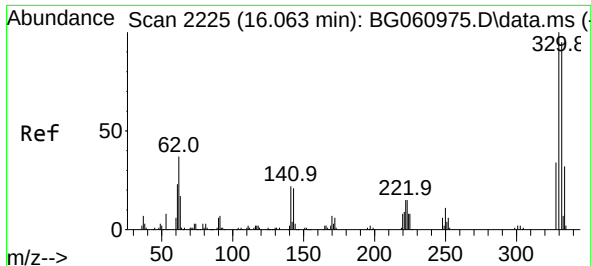
Tgt Ion: 82 Resp: 24126
Ion Ratio Lower Upper
82 100
128 41.2 32.1 48.1
54 80.4 62.3 93.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1972
Delta R.T. 0.004 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

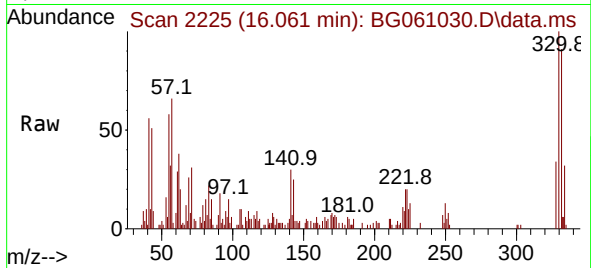
Tgt Ion: 164 Resp: 72457
Ion Ratio Lower Upper
164 100
162 93.6 81.2 121.8
160 43.5 36.2 54.2



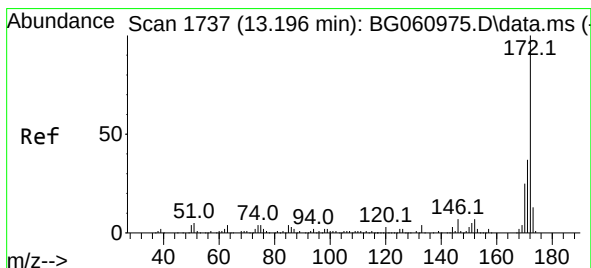
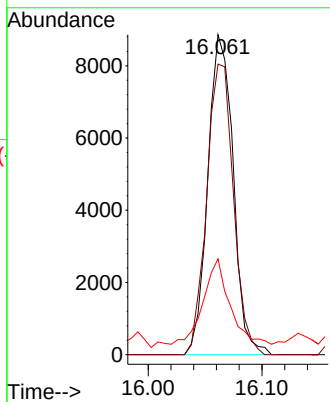
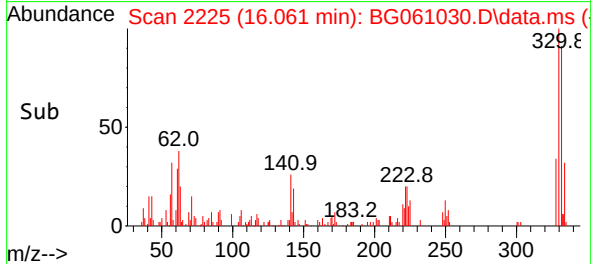


#42
2,4,6-Tribromophenol
Concen: 8.614 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

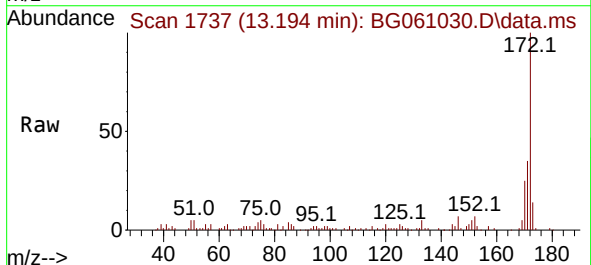
Instrument :
BNA_G
ClientSampleId :
PL-03-04232024



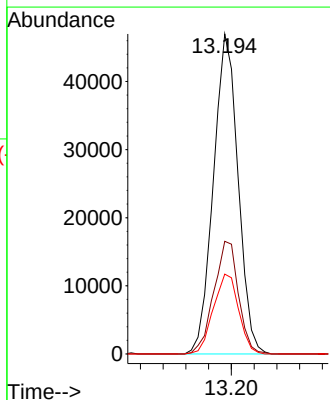
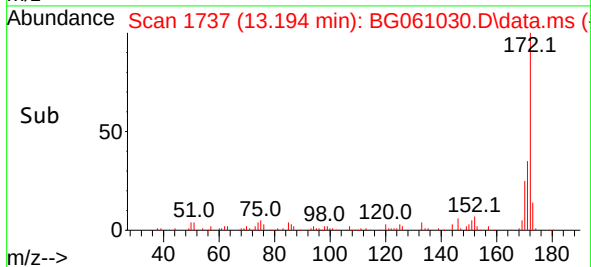
Tgt Ion:330 Resp: 13706
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 27.4 20.6 31.0

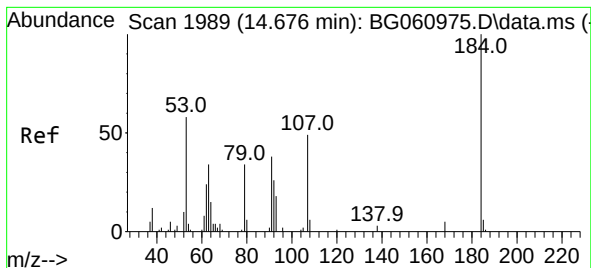


#45
2-Fluorobiphenyl
Concen: 13.486 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38



Tgt Ion:172 Resp: 70604
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 24.9 20.1 30.1

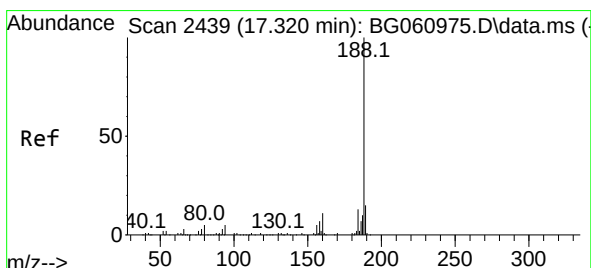
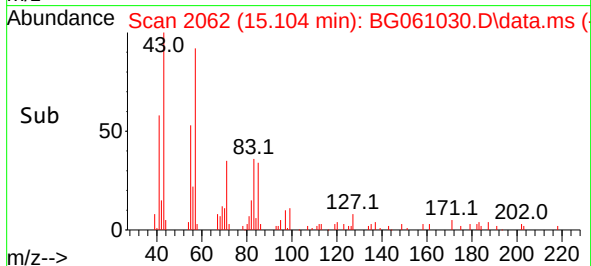
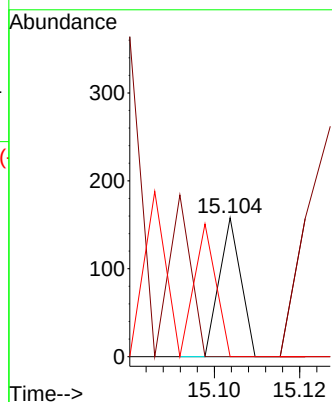
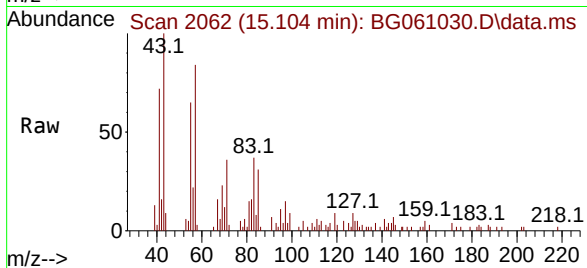




#54
2,4-Dinitrophenol
Concen: 5.629 ng
RT: 15.104 min Scan# 20
Delta R.T. 0.428 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

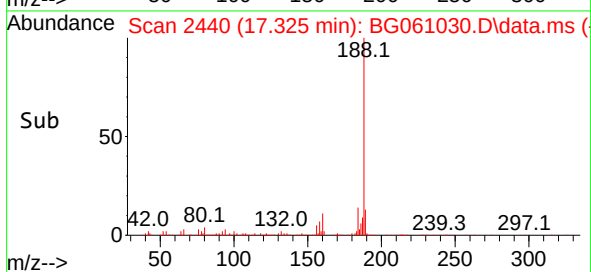
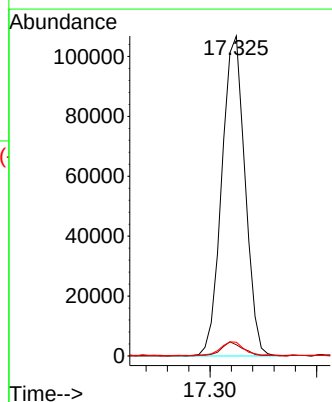
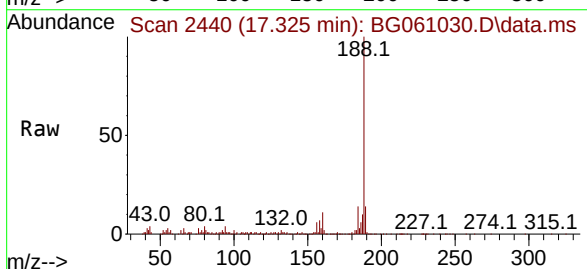
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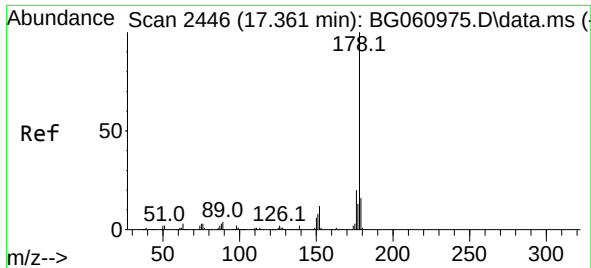
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 59.0 88.6#
154 0.0 61.2 91.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2440
Delta R.T. 0.004 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

Tgt Ion:188 Resp: 161528
Ion Ratio Lower Upper
188 100
94 3.5 4.1 6.1#
80 4.3 4.0 6.0

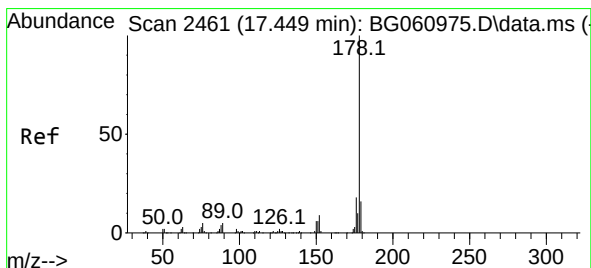
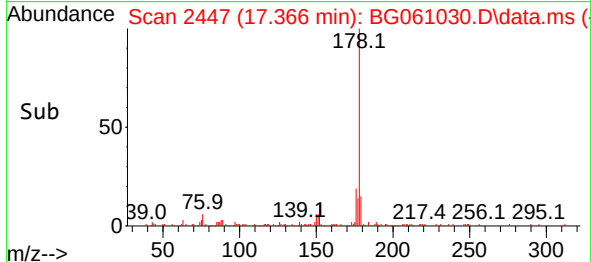
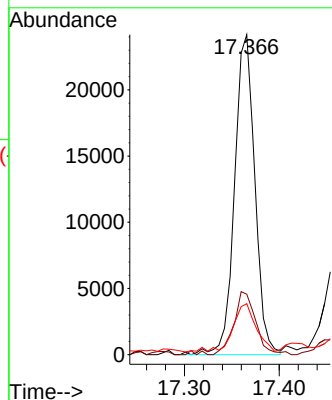
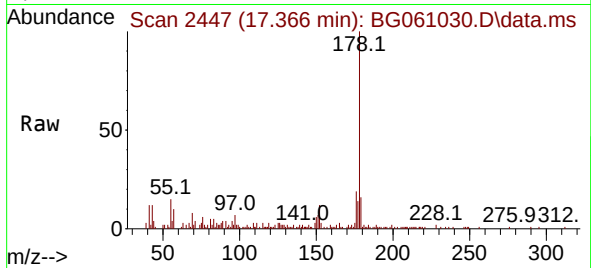




#71
Phenanthrene
Concen: 4.358 ng
RT: 17.366 min Scan# 2446
Delta R.T. 0.005 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

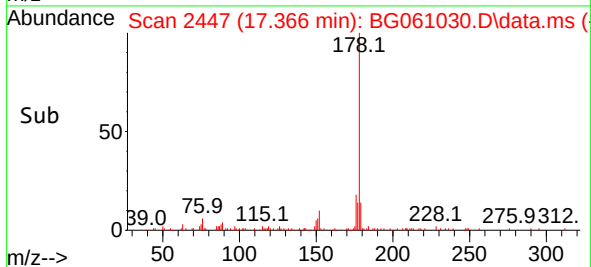
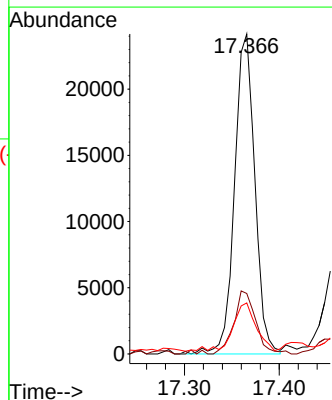
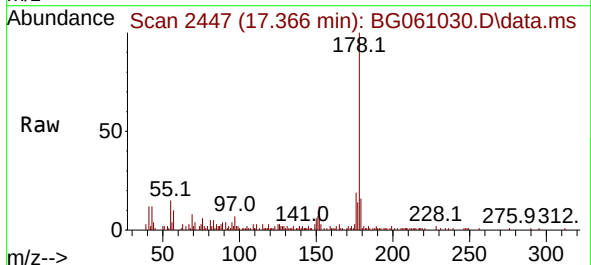
Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

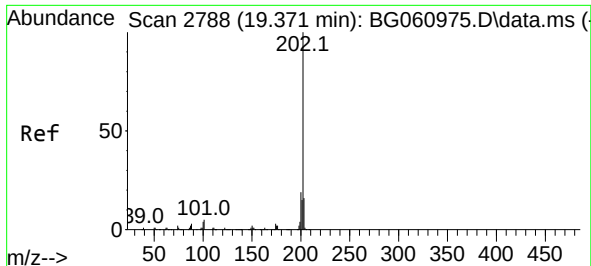
Tgt Ion:178 Resp: 35930
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.9 12.5 18.7



#72
Anthracene
Concen: 4.231 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.084 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

Tgt Ion:178 Resp: 35930
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.9 12.4 18.6

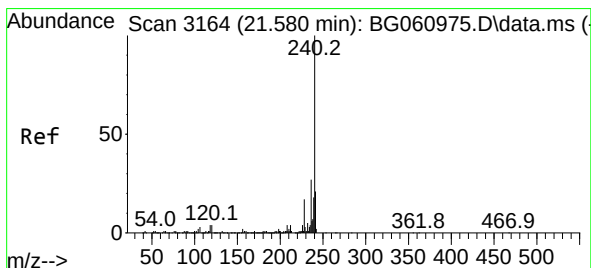
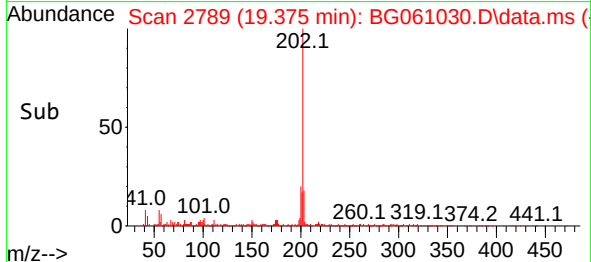
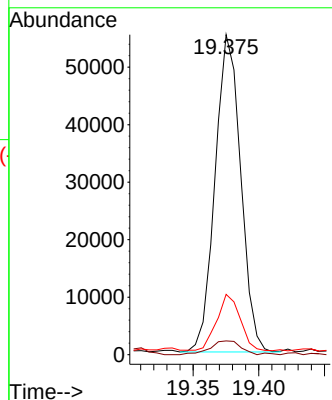
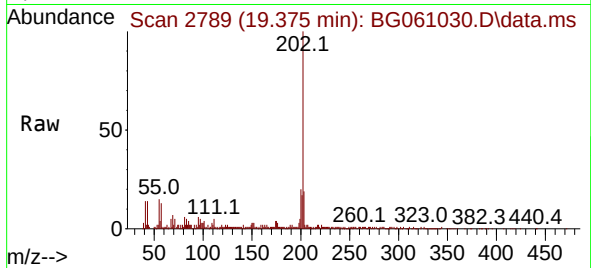




#75
Fluoranthene
Concen: 6.844 ng
RT: 19.375 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

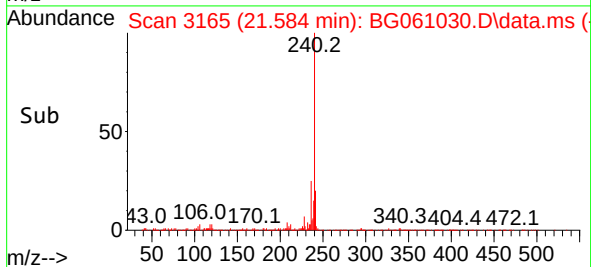
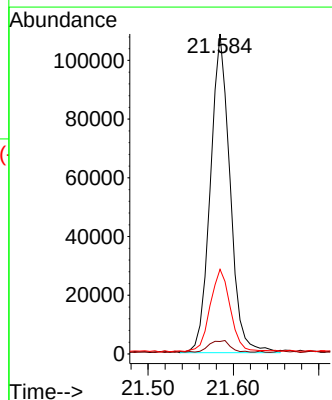
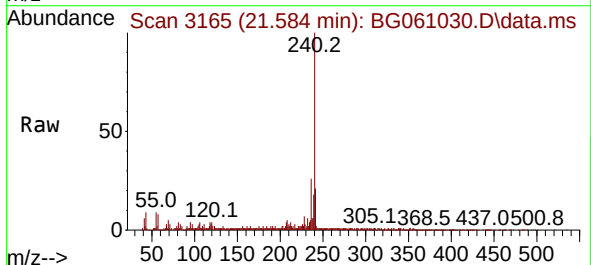
Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

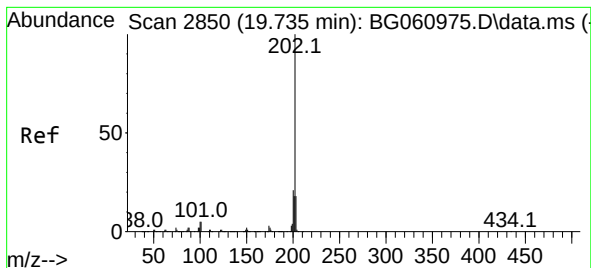
Tgt Ion:	202	Resp:	74885
Ion	Ratio	Lower	Upper
202	100		
101	4.3	0.0	24.9
203	18.9	0.0	36.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. 0.004 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

Tgt Ion:	240	Resp:	173635
Ion	Ratio	Lower	Upper
240	100		
120	3.9	3.0	4.6
236	26.5	21.8	32.6





#78

Pyrene

Concen: 5.993 ng

RT: 19.739 min Scan# 2850

Delta R.T. 0.004 min

Lab File: BG061030.D

Acq: 24 Apr 2024 19:38

Instrument :

BNA_G

ClientSampleId :

PL-03-04232024

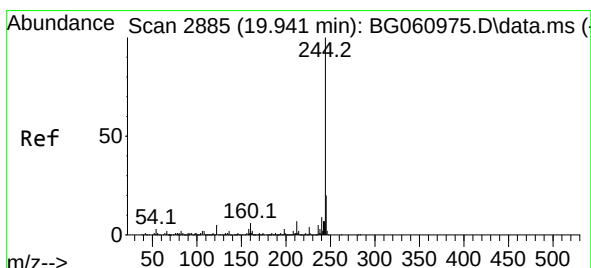
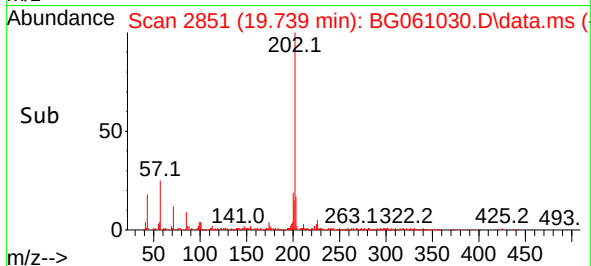
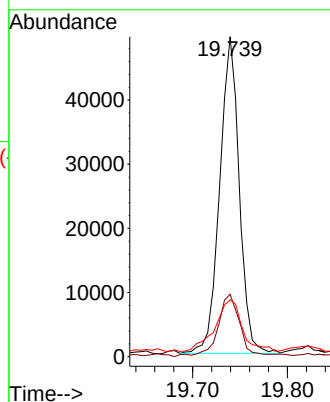
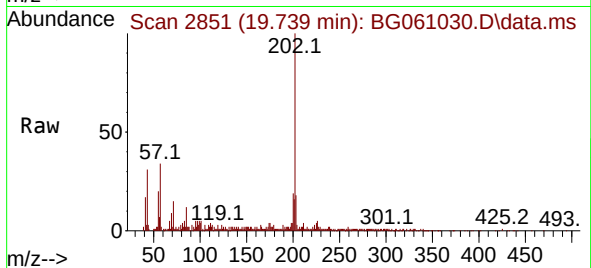
Tgt Ion:202 Resp: 70858

Ion Ratio Lower Upper

202 100

200 19.5 16.8 25.2

203 17.8 14.2 21.2



#79

Terphenyl-d14

Concen: 10.857 ng

RT: 19.939 min Scan# 2885

Delta R.T. -0.001 min

Lab File: BG061030.D

Acq: 24 Apr 2024 19:38

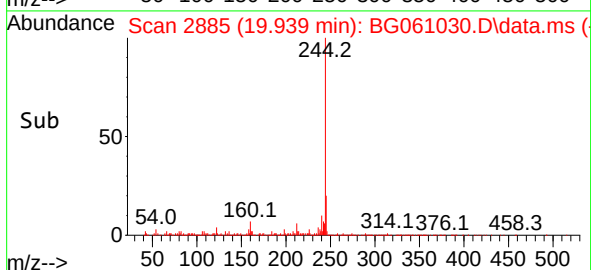
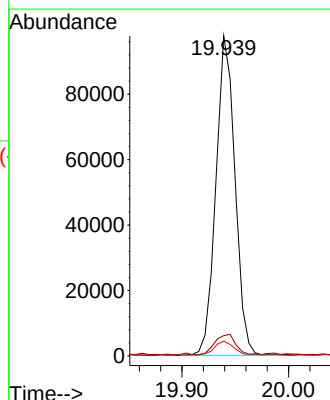
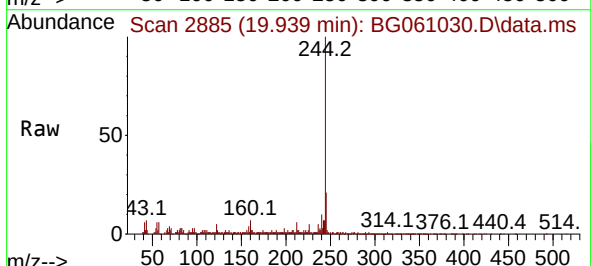
Tgt Ion:244 Resp: 121450

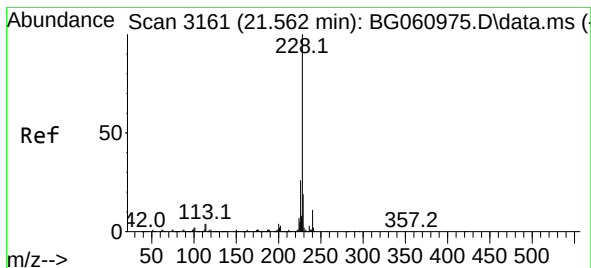
Ion Ratio Lower Upper

244 100

212 6.3 5.9 8.9

122 4.6 4.2 6.2





#81

Benzo(a)anthracene

Concen: 2.919 ng

RT: 21.567 min Scan# 3161

Delta R.T. 0.004 min

Lab File: BG061030.D

Acq: 24 Apr 2024 19:38

Instrument :

BNA_G

ClientSampleId :

PL-03-04232024

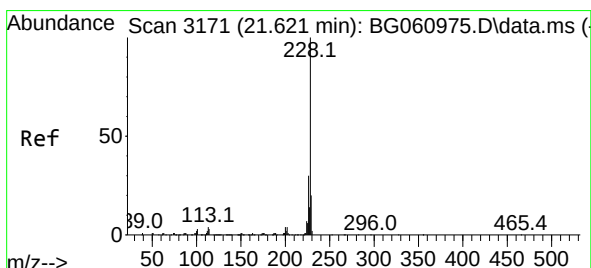
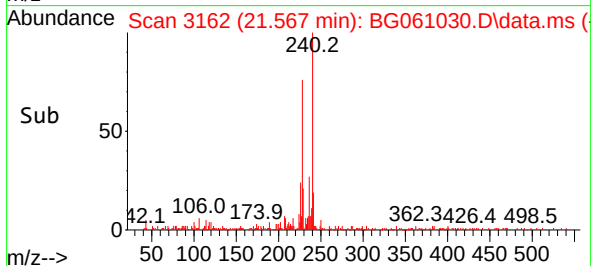
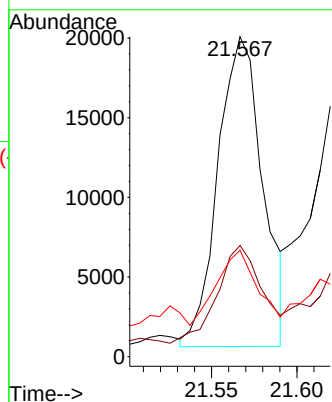
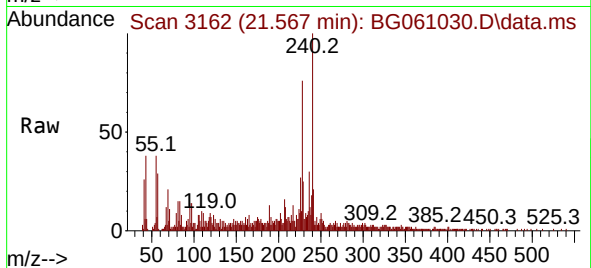
Tgt Ion:228 Resp: 35633

Ion Ratio Lower Upper

228 100

226 34.7 21.0 31.4#

229 33.3 15.0 22.4#



#83

Chrysene

Concen: 3.504 ng

RT: 21.625 min Scan# 3172

Delta R.T. 0.004 min

Lab File: BG061030.D

Acq: 24 Apr 2024 19:38

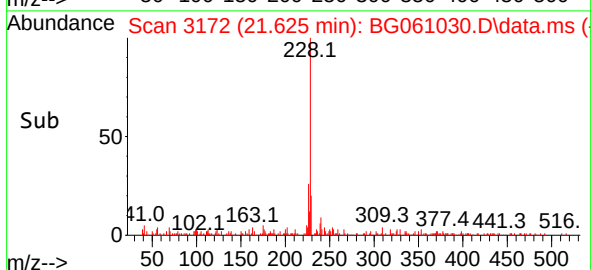
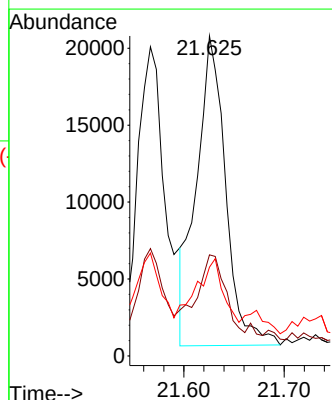
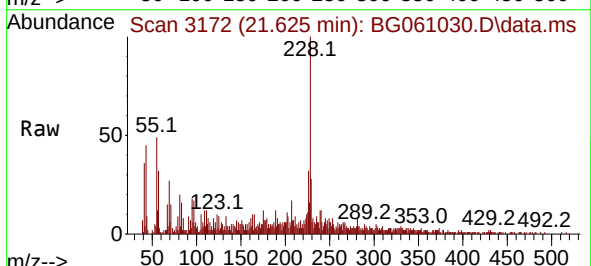
Tgt Ion:228 Resp: 40720

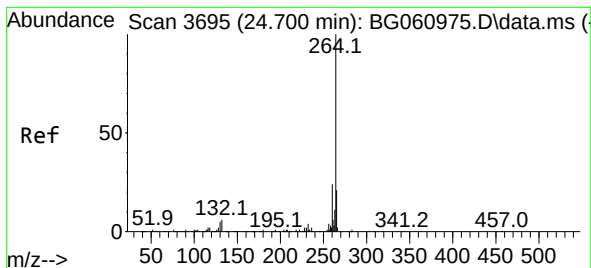
Ion Ratio Lower Upper

228 100

226 31.6 24.2 36.2

229 27.8 15.7 23.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.728 min Scan# 31

Delta R.T. 0.028 min

Lab File: BG061030.D

Acq: 24 Apr 2024 19:38

Instrument :

BNA_G

ClientSampleId :

PL-03-04232024

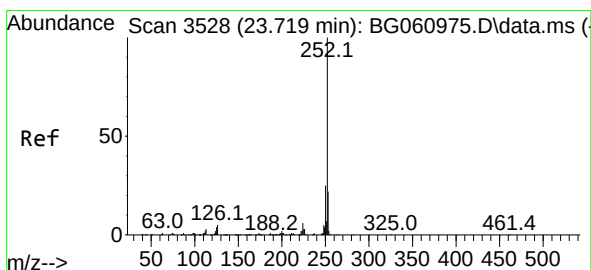
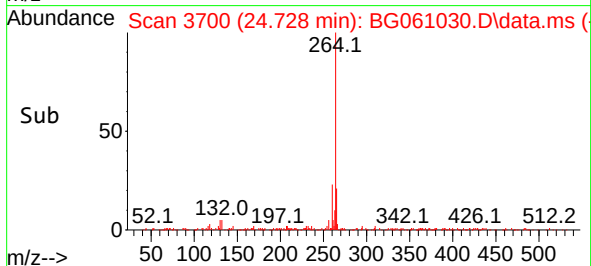
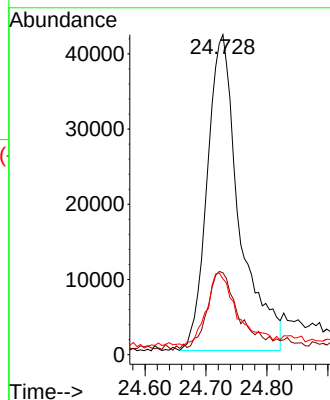
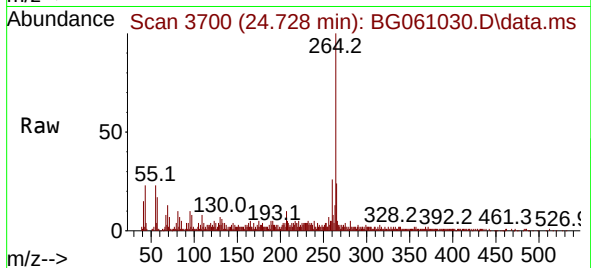
Tgt Ion:264 Resp: 153761

Ion Ratio Lower Upper

264 100

260 25.6 19.4 29.2

265 23.7 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 4.529 ng

RT: 23.735 min Scan# 3531

Delta R.T. 0.016 min

Lab File: BG061030.D

Acq: 24 Apr 2024 19:38

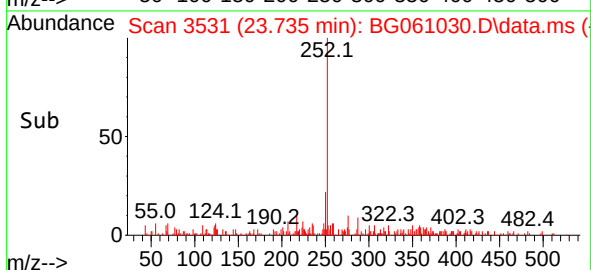
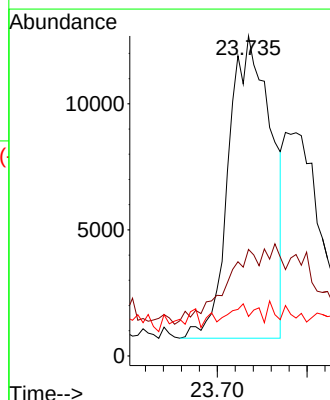
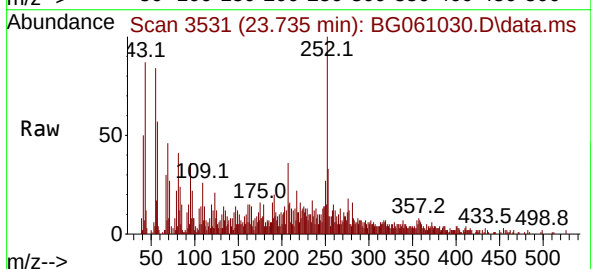
Tgt Ion:252 Resp: 39467

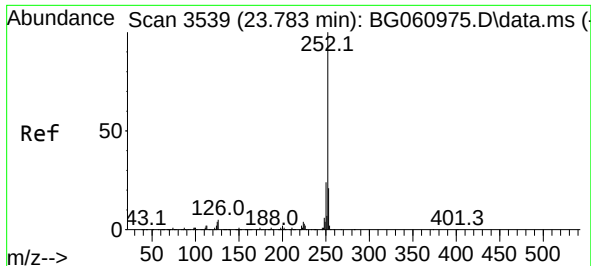
Ion Ratio Lower Upper

252 100

253 33.3 17.5 26.3#

125 12.3 3.3 4.9#

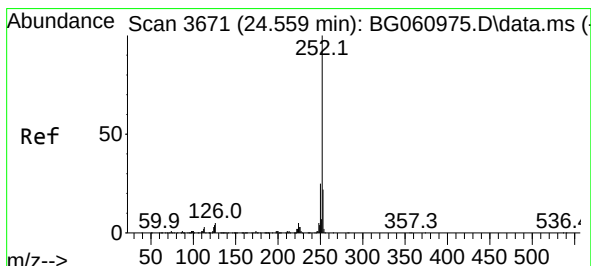
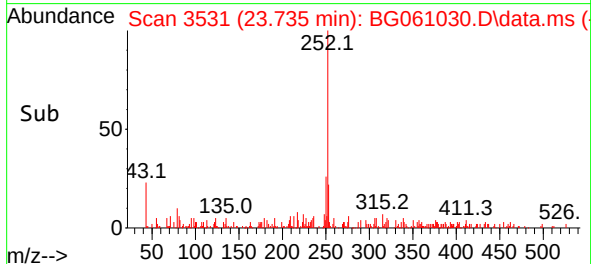
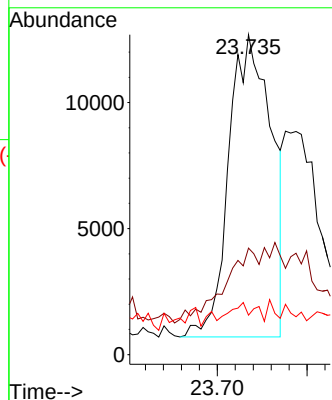
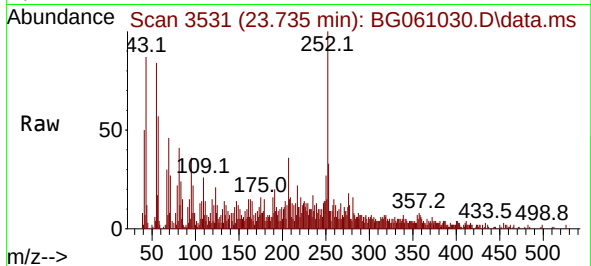




#89
Benzo(k)fluoranthene
Concen: 4.487 ng
RT: 23.735 min Scan# 31
Delta R.T. -0.048 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

Instrument :
BNA_G
ClientSampleId :
PL-03-04232024

Tgt Ion:252 Resp: 39467
Ion Ratio Lower Upper
252 100
253 33.3 16.6 25.0#
125 12.3 3.3 4.9#



#90
Benzo(a)pyrene
Concen: 3.037 ng
RT: 24.569 min Scan# 3673
Delta R.T. 0.010 min
Lab File: BG061030.D
Acq: 24 Apr 2024 19:38

Tgt Ion:252 Resp: 25618
Ion Ratio Lower Upper
252 100
253 33.9 17.7 26.5#
125 14.4 3.6 5.4#

