

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060113.D
 Acq On : 21 Dec 2023 00:36
 Operator : MA/JU
 Sample : 05827-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-07-10-11

Quant Time: Dec 21 02:44:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

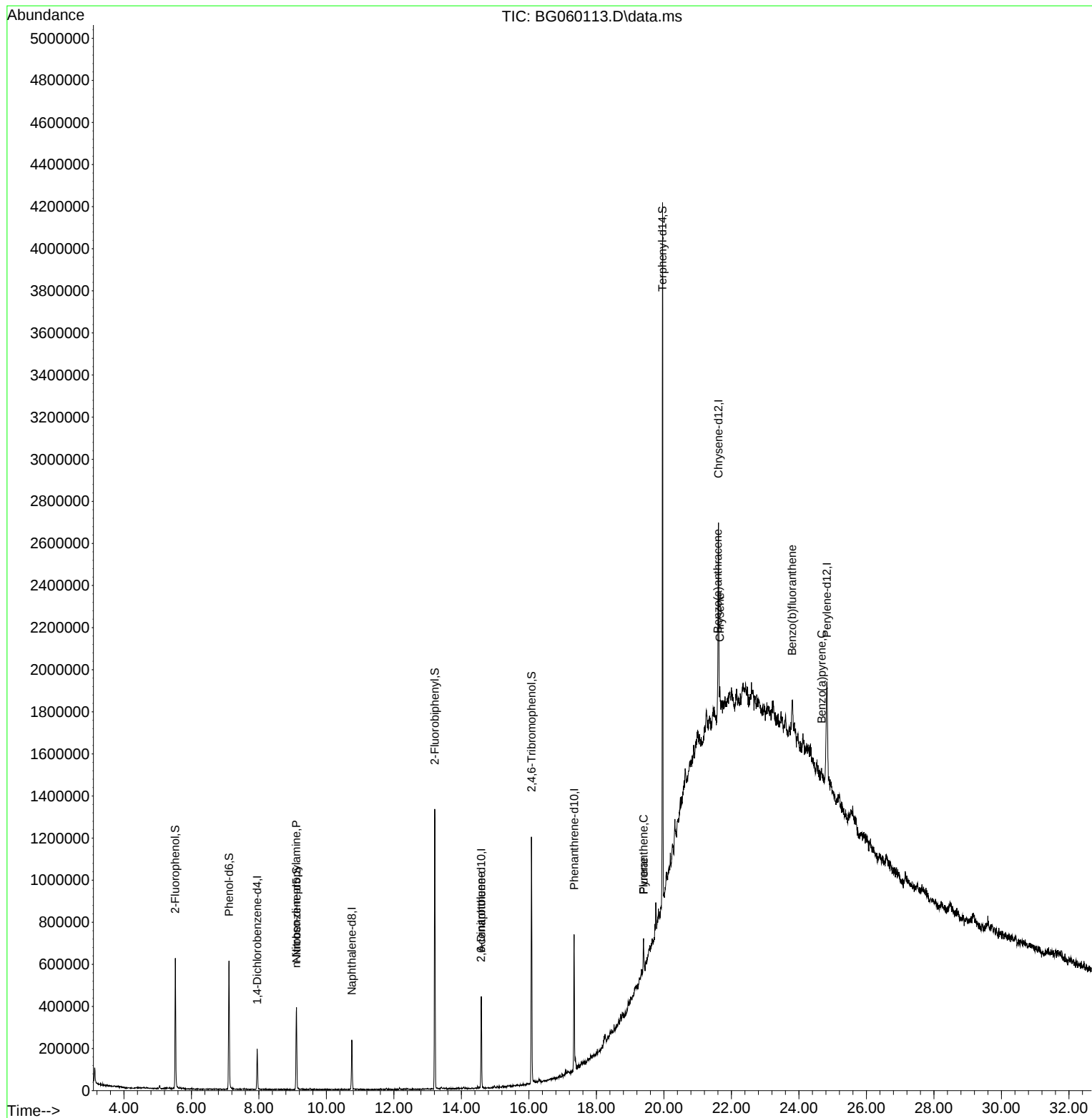
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	46287	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	156719	20.000	ng	# 0.00
39) Acenaphthene-d10	14.589	164	145985	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	434720	20.000	ng	# 0.00
76) Chrysene-d12	21.616	240	570384	20.000	ng	# 0.00
86) Perylene-d12	24.824	264	672215	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	184882	68.376	ng	0.00
7) Phenol-d6	7.115	99	266835	70.155	ng	0.00
23) Nitrobenzene-d5	9.113	82	216404	62.701	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	290781	85.470	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	727145	60.962	ng	0.00
79) Terphenyl-d14	19.959	244	1809747	57.927	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.107	70	33847	13.793	ng	# 74
51) 2,6-Dinitrotoluene	14.583	165	20971	8.934	ng	# 27
69) Atrazine	16.698	200	95	Below Cal		85
75) Fluoranthene	19.395	202	104801	3.411	ng	92
78) Pyrene	19.395	202	104801	3.031	ng	95
81) Benzo(a)anthracene	21.593	228	93272	2.434	ng	# 81
83) Chrysene	21.657	228	94977	2.617	ng	# 85
88) Benzo(b)fluoranthene	23.796	252	117633	2.833	ng	# 80
90) Benzo(a)pyrene	24.671	252	91073	2.476	ng	# 79

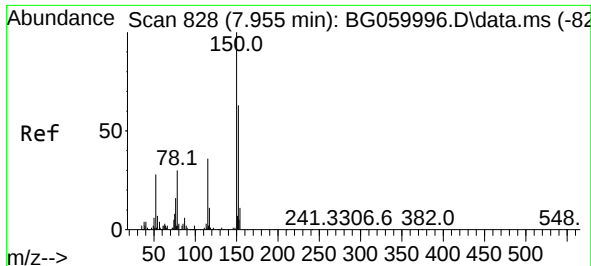
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
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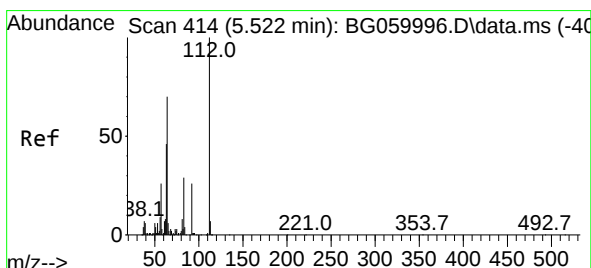
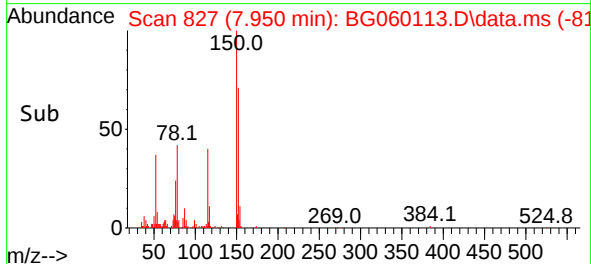
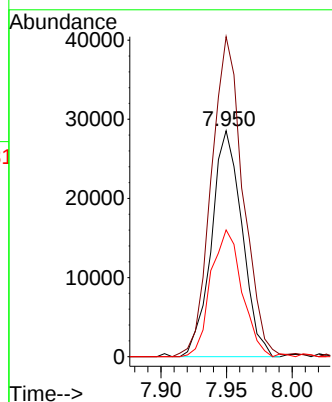
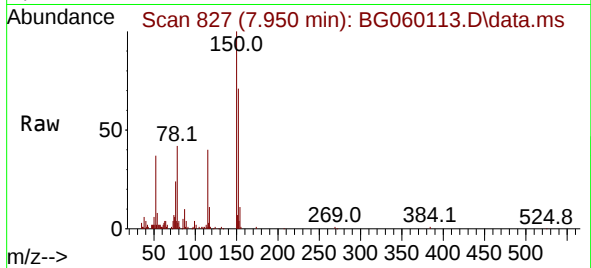




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

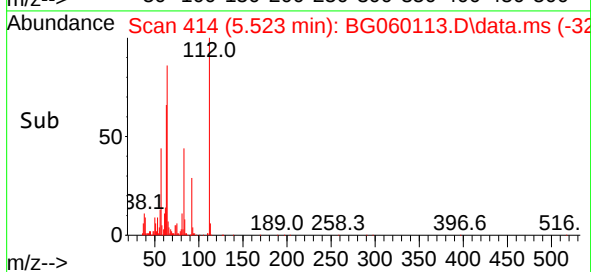
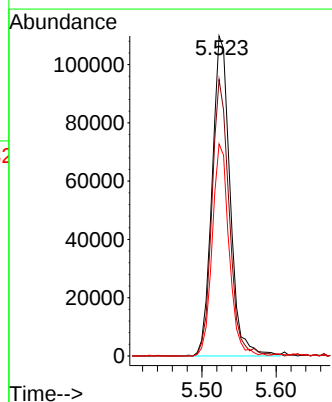
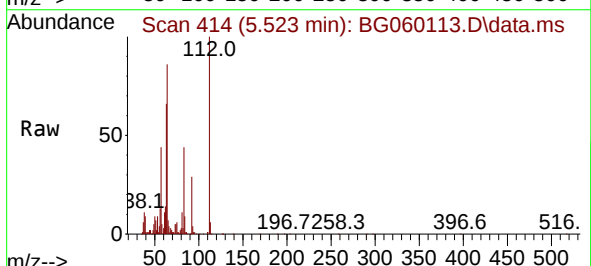
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11

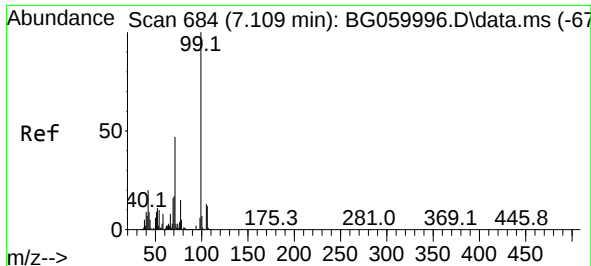
Tgt Ion:152 Resp: 46287
Ion Ratio Lower Upper
152 100
150 141.6 127.0 190.6
115 56.1 45.7 68.5



#5
2-Fluorophenol
Concen: 68.376 ng
RT: 5.523 min Scan# 414
Delta R.T. -0.003 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Tgt Ion:112 Resp: 184882
Ion Ratio Lower Upper
112 100
64 86.4 55.9 83.9#
63 66.3 36.5 54.7#

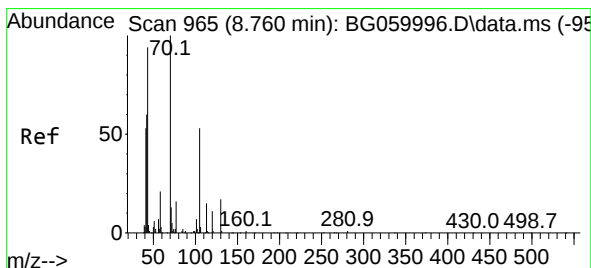
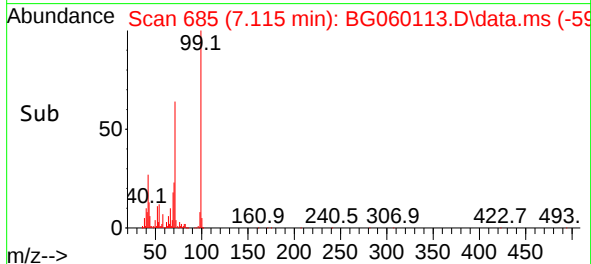
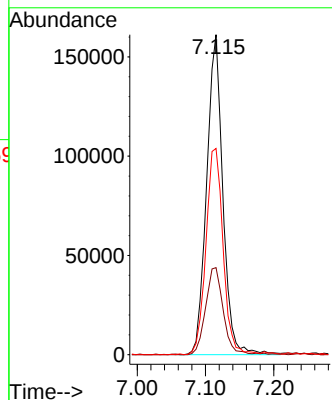
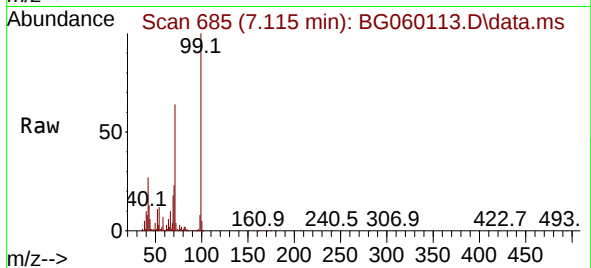




#7
Phenol-d6
Concen: 70.155 ng
RT: 7.115 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

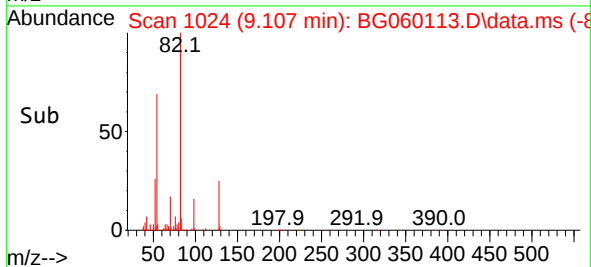
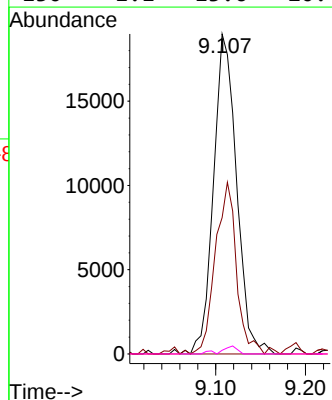
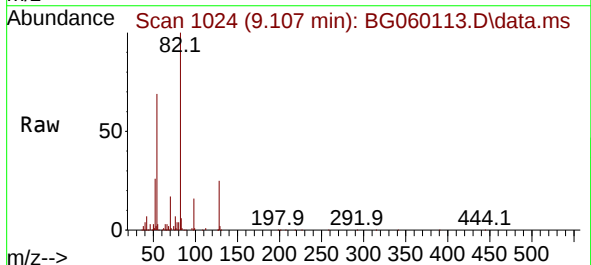
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11

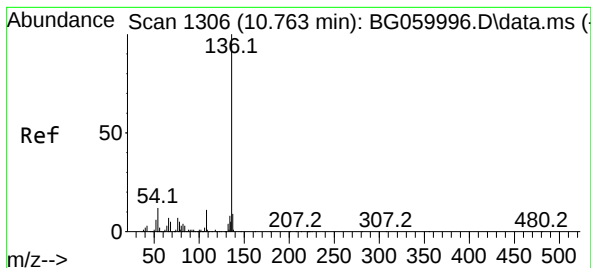
Tgt Ion: 99 Resp: 266835
Ion Ratio Lower Upper
99 100
42 27.2 16.2 24.4#
71 64.5 37.6 56.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.793 ng
RT: 9.107 min Scan# 1024
Delta R.T. 0.344 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Tgt Ion: 70 Resp: 33847
Ion Ratio Lower Upper
70 100
42 42.6 48.6 73.0#
101 0.0 5.7 8.5#
130 1.1 13.6 20.4#

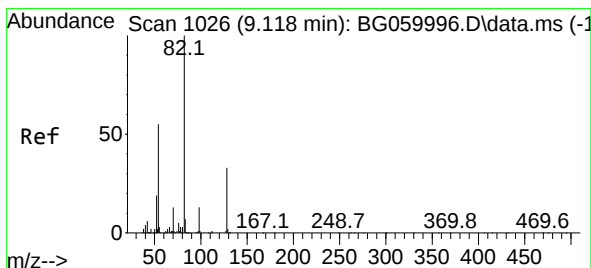
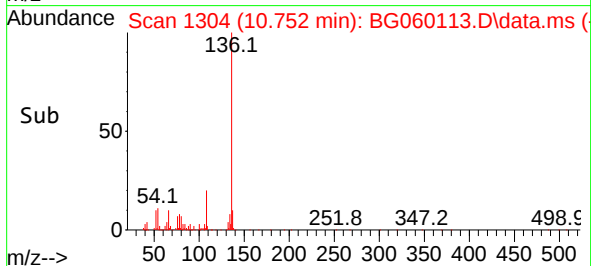
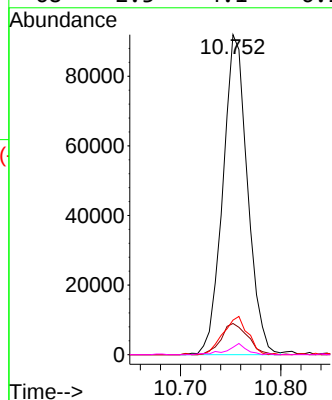
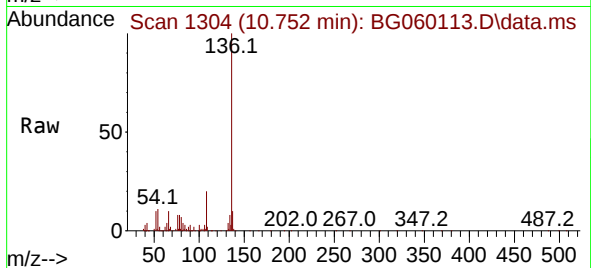




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

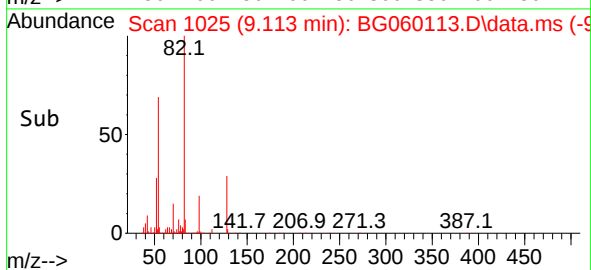
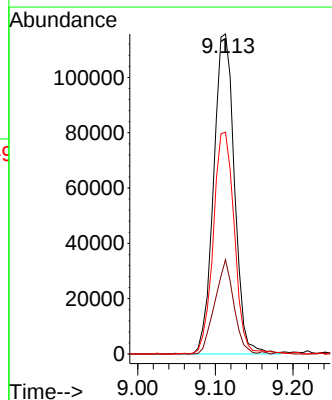
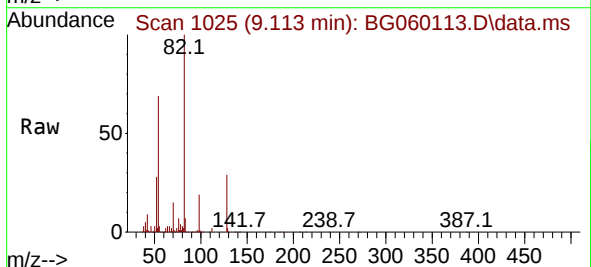
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11

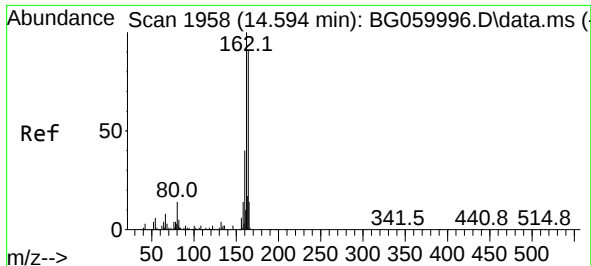
Tgt Ion:136 Resp: 156719
Ion Ratio Lower Upper
136 100
137 9.7 7.3 10.9
54 10.8 9.6 14.4
68 2.3 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 62.701 ng
RT: 9.113 min Scan# 1025
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Tgt Ion: 82 Resp: 216404
Ion Ratio Lower Upper
82 100
128 29.5 26.3 39.5
54 69.3 44.3 66.5#

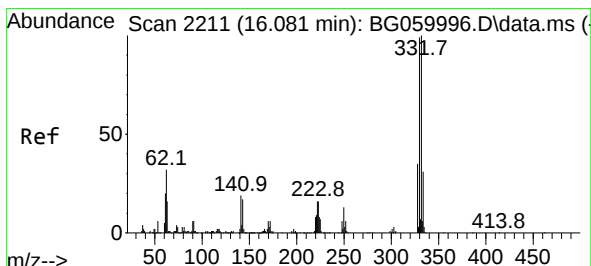
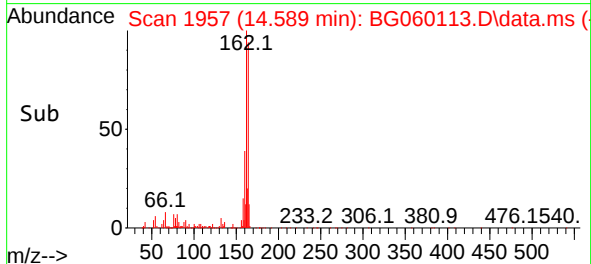
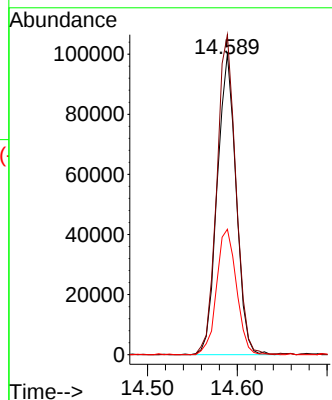
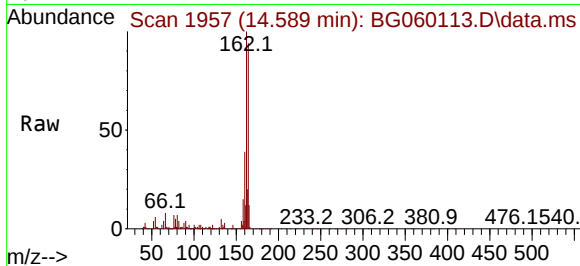




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

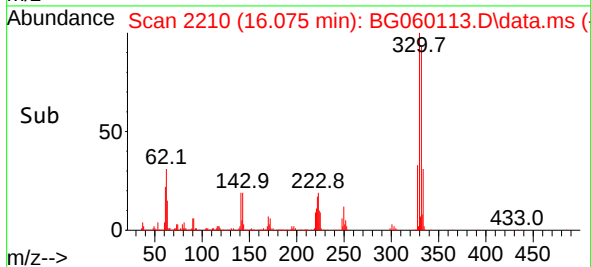
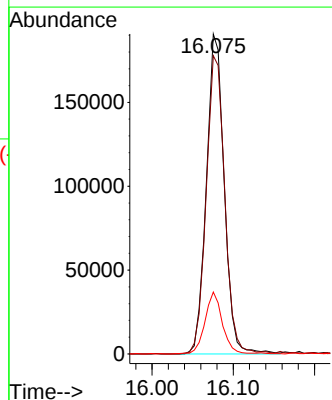
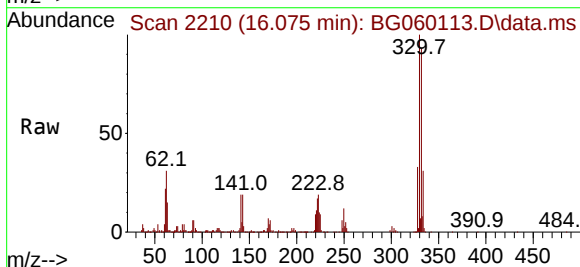
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11

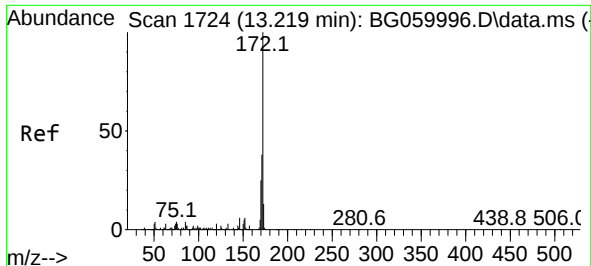
Tgt Ion:164 Resp: 145985
Ion Ratio Lower Upper
164 100
162 106.3 88.1 132.1
160 41.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 85.470 ng
RT: 16.075 min Scan# 2210
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Tgt Ion:330 Resp: 290781
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 18.8 14.3 21.5

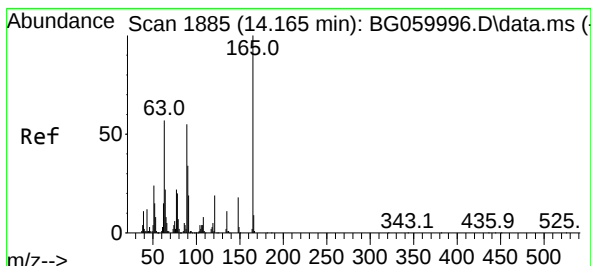
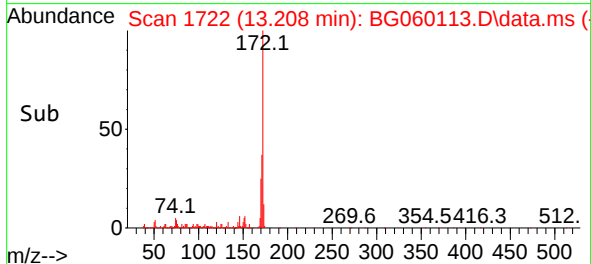
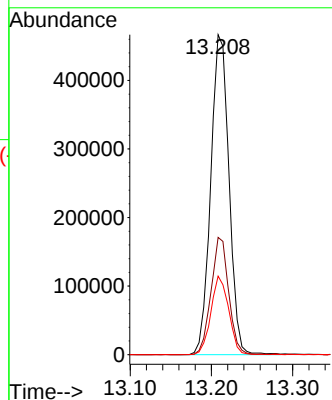
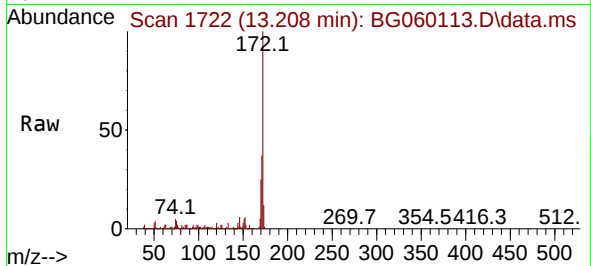




#45
2-Fluorobiphenyl
Concen: 60.962 ng
RT: 13.208 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

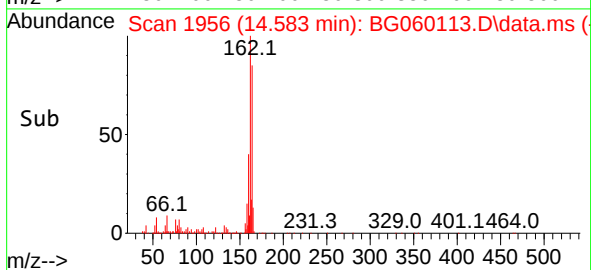
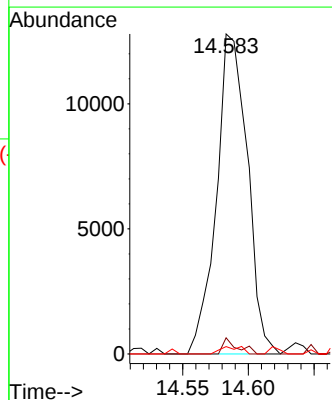
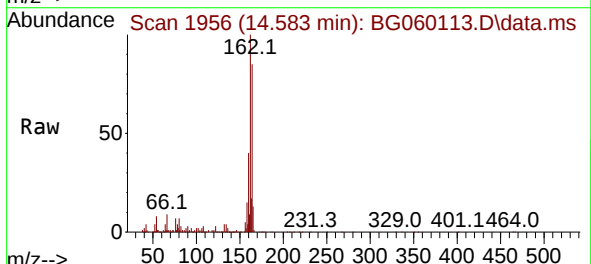
Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11

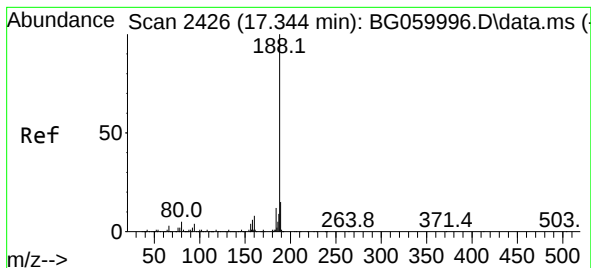
Tgt Ion:172 Resp: 727145
Ion Ratio Lower Upper
172 100
171 36.7 30.1 45.1
170 24.5 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.934 ng
RT: 14.583 min Scan# 1956
Delta R.T. 0.414 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Tgt Ion:165 Resp: 20971
Ion Ratio Lower Upper
165 100
63 5.1 48.2 72.2#
89 2.3 44.4 66.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

RT-SB-07-10-11

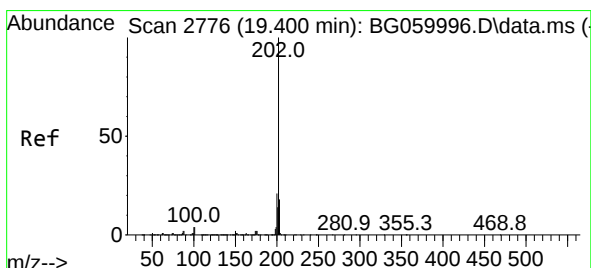
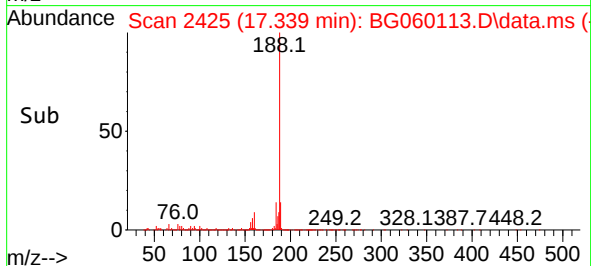
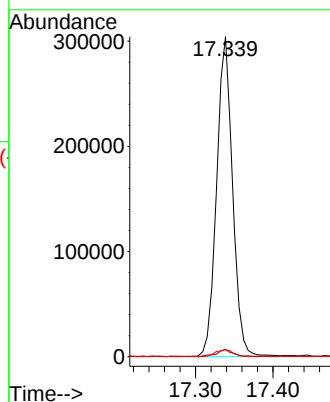
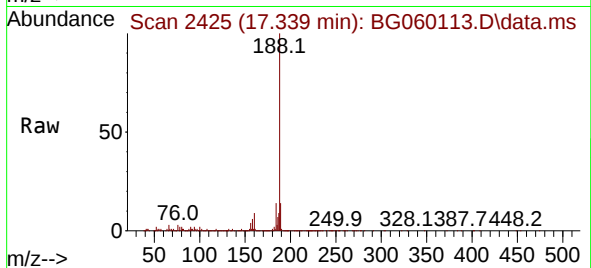
Tgt Ion:188 Resp: 434720

Ion Ratio Lower Upper

188 100

94 2.3 3.0 4.6#

80 2.2 4.0 6.0#



#75

Fluoranthene

Concen: 3.411 ng

RT: 19.395 min Scan# 2775

Delta R.T. -0.009 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

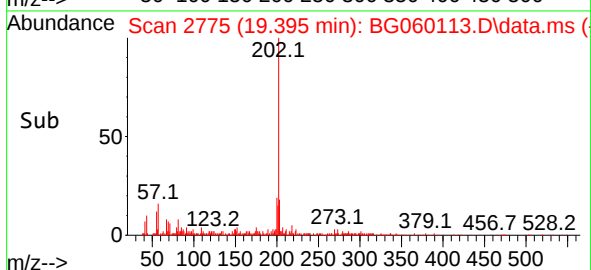
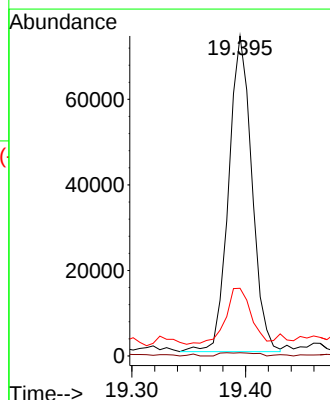
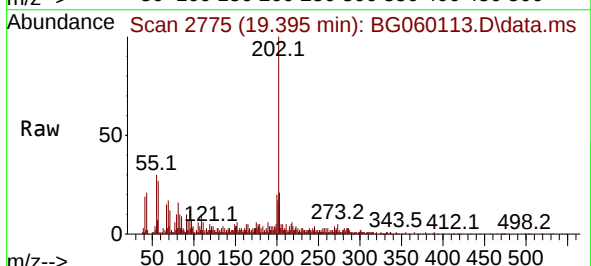
Tgt Ion:202 Resp: 104801

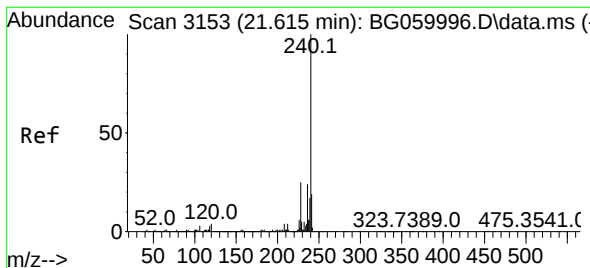
Ion Ratio Lower Upper

202 100

101 1.0 0.0 24.2

203 21.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

RT-SB-07-10-11

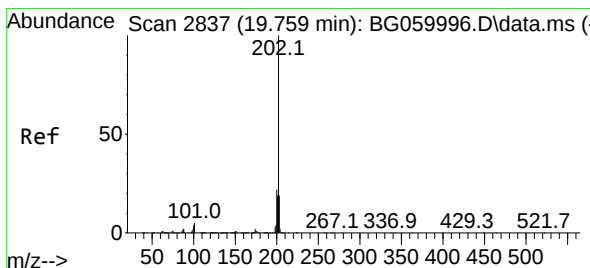
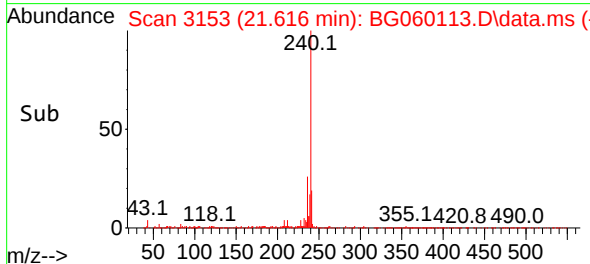
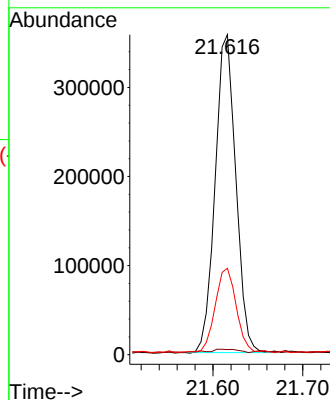
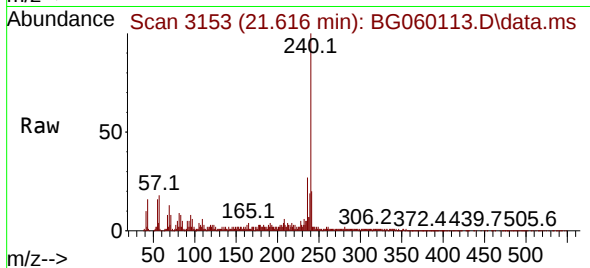
Tgt Ion:240 Resp: 570384

Ion Ratio Lower Upper

240 100

120 1.6 2.9 4.3#

236 27.0 19.4 29.2



#78

Pyrene

Concen: 3.031 ng

RT: 19.395 min Scan# 2775

Delta R.T. -0.367 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

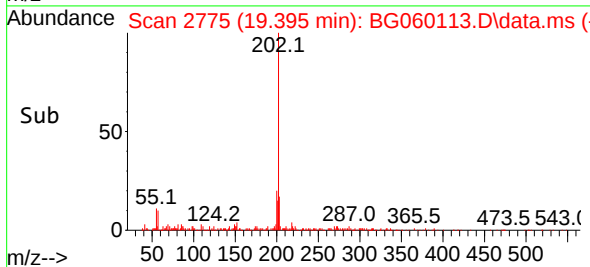
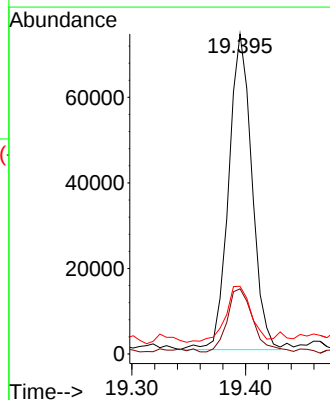
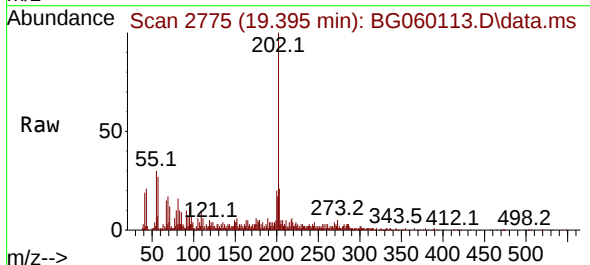
Tgt Ion:202 Resp: 104801

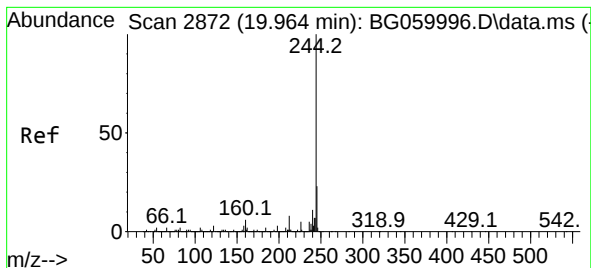
Ion Ratio Lower Upper

202 100

200 20.3 17.6 26.4

203 21.2 14.9 22.3





#79

Terphenyl-d14

Concen: 57.927 ng

RT: 19.959 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

RT-SB-07-10-11

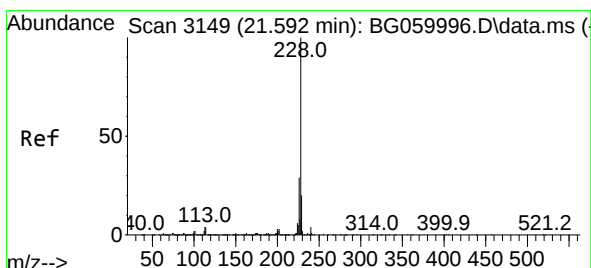
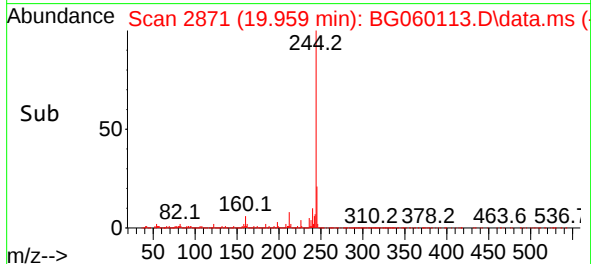
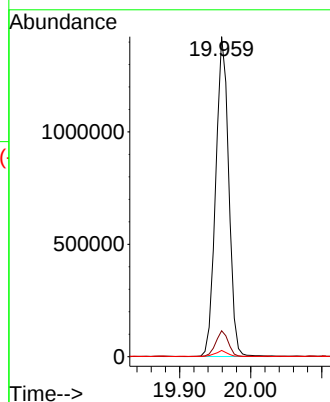
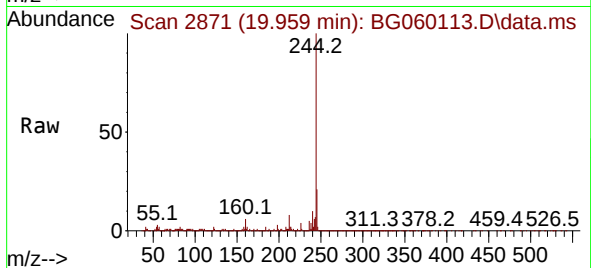
Tgt Ion:244 Resp: 1809747

Ion Ratio Lower Upper

244 100

212 8.1 6.8 10.2

122 2.0 2.6 3.8#



#81

Benzo(a)anthracene

Concen: 2.434 ng

RT: 21.593 min Scan# 3149

Delta R.T. -0.009 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

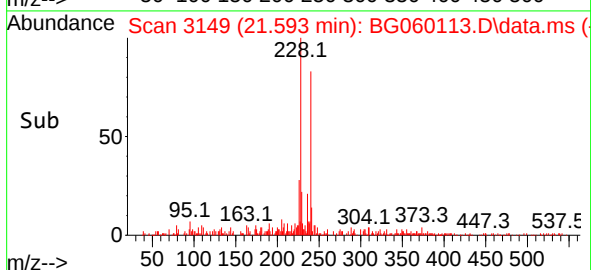
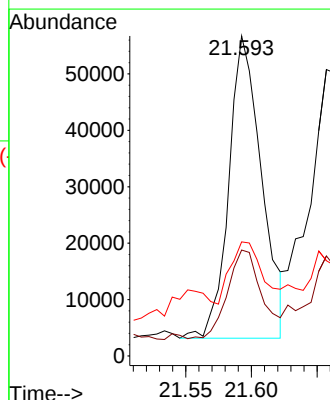
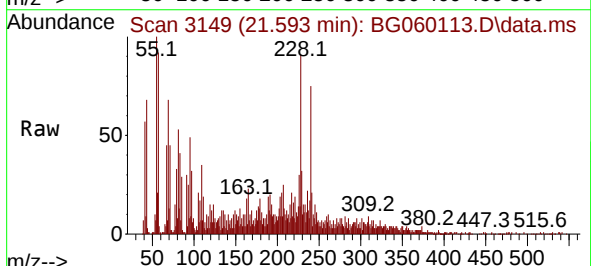
Tgt Ion:228 Resp: 93272

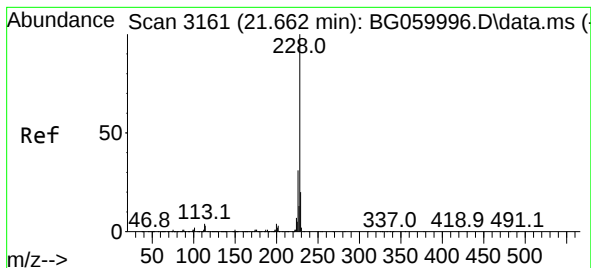
Ion Ratio Lower Upper

228 100

226 33.1 22.9 34.3

229 35.7 16.2 24.2#





#83

Chrysene

Concen: 2.617 ng

RT: 21.657 min Scan# 3161

Delta R.T. -0.009 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

Instrument :

BNA_G

ClientSampleId :

RT-SB-07-10-11

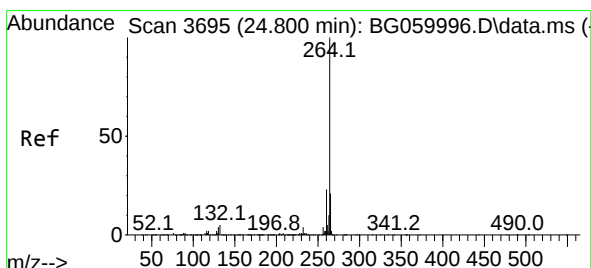
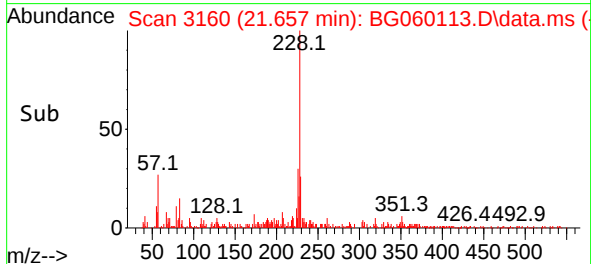
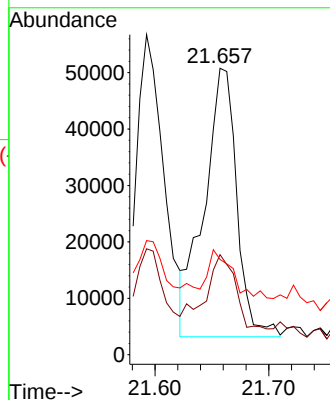
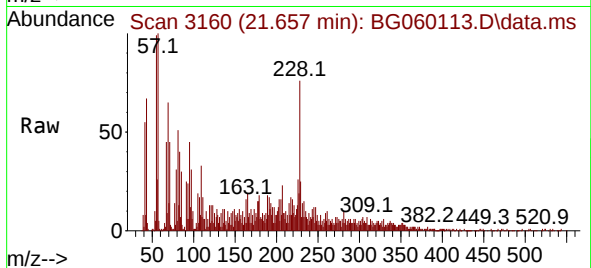
Tgt Ion:228 Resp: 94977

Ion Ratio Lower Upper

228 100

226 34.9 25.0 37.6

229 33.2 16.2 24.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.824 min Scan# 3699

Delta R.T. 0.009 min

Lab File: BG060113.D

Acq: 21 Dec 2023 00:36

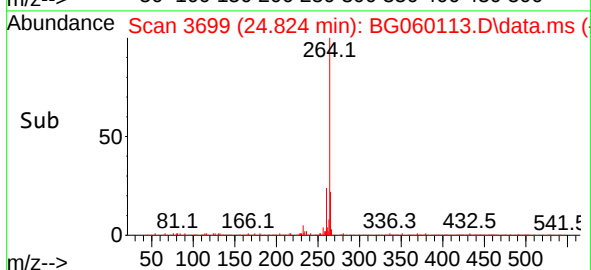
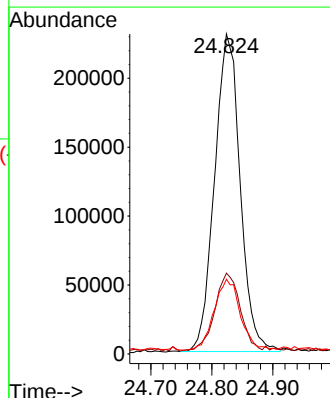
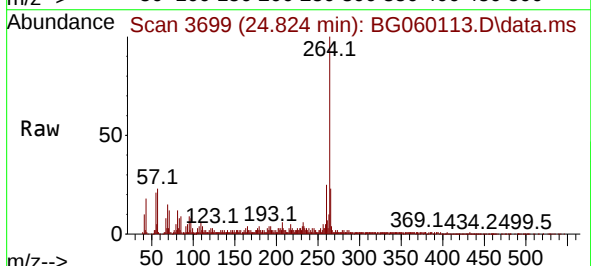
Tgt Ion:264 Resp: 672215

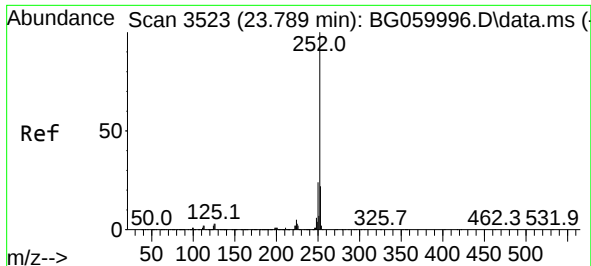
Ion Ratio Lower Upper

264 100

260 25.3 18.5 27.7

265 23.3 17.3 25.9

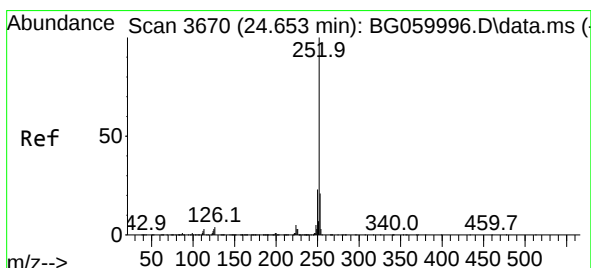
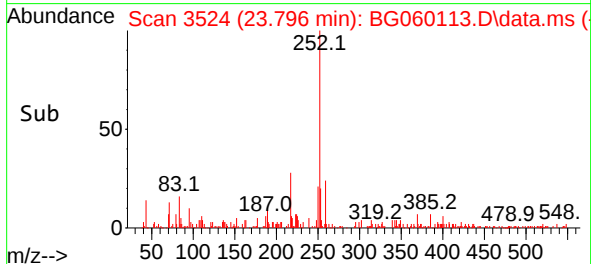
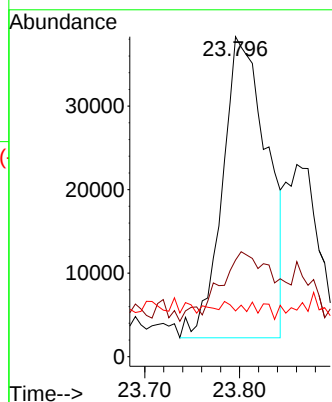
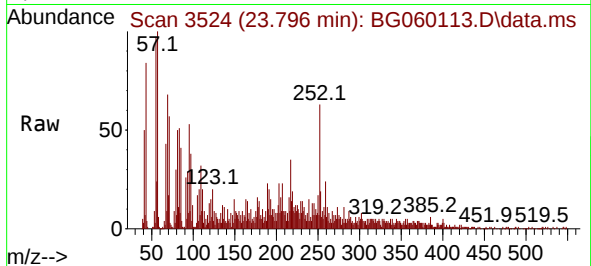




#88
Benzo(b)fluoranthene
Concen: 2.833 ng
RT: 23.796 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Instrument :
BNA_G
ClientSampleId :
RT-SB-07-10-11

Tgt Ion:252 Resp: 117633
Ion Ratio Lower Upper
252 100
253 30.2 17.4 26.2#
125 14.3 2.6 4.0#



#90
Benzo(a)pyrene
Concen: 2.476 ng
RT: 24.671 min Scan# 3673
Delta R.T. 0.009 min
Lab File: BG060113.D
Acq: 21 Dec 2023 00:36

Tgt Ion:252 Resp: 91073
Ion Ratio Lower Upper
252 100
253 29.9 17.1 25.7#
125 15.8 2.6 4.0#

