

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060498.D
 Acq On : 31 Jan 2024 00:45
 Operator : MA/JU
 Sample : P1243-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-308-0-2

Quant Time: Jan 31 01:27:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

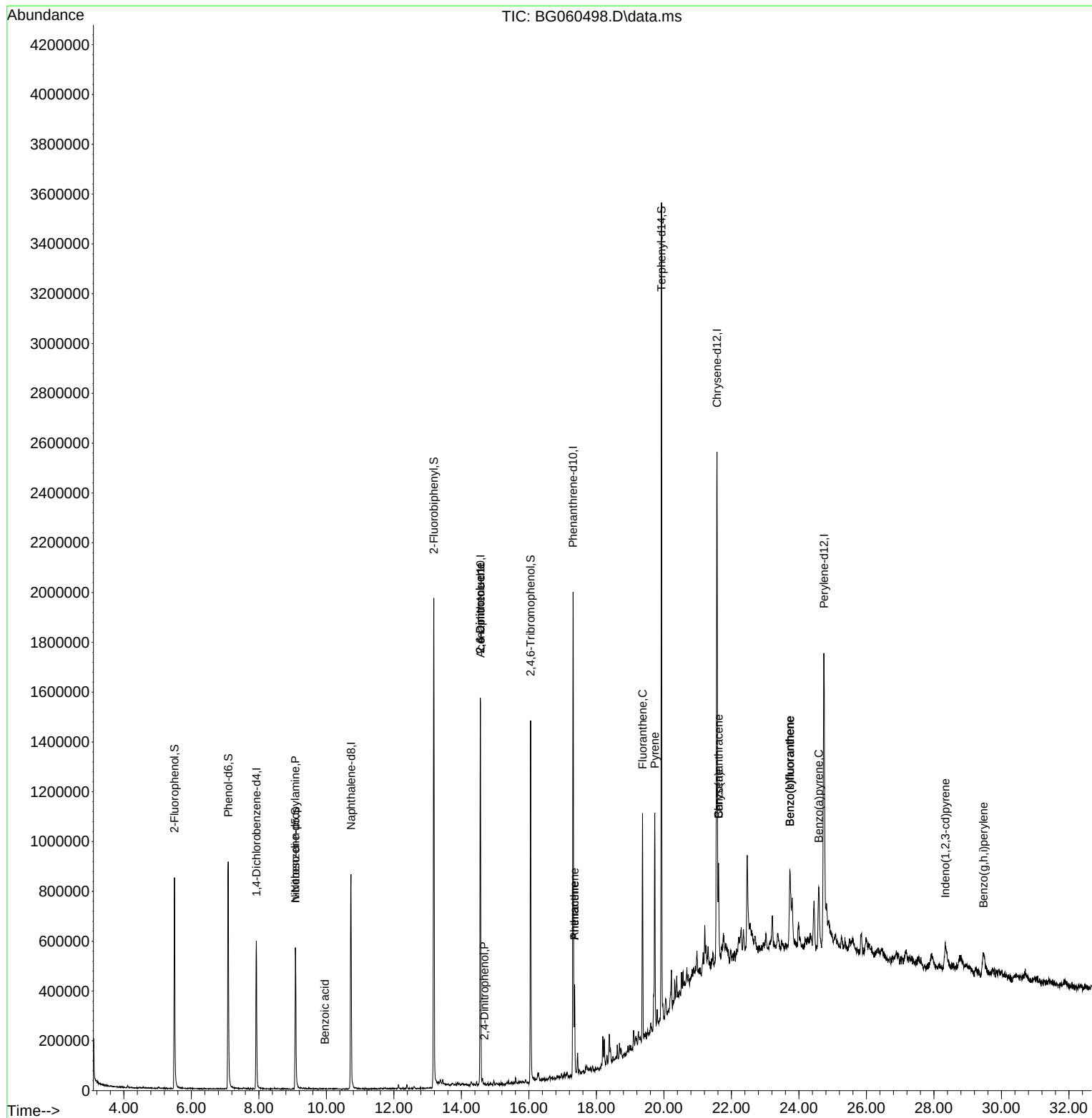
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	195599	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	795924	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	585705	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1374527	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1188707	20.000	ng	0.00
86) Perylene-d12	24.741	264	1341837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	443965	37.333	ng	0.00
7) Phenol-d6	7.091	99	669477	38.018	ng	0.00
23) Nitrobenzene-d5	9.083	82	411370	24.405	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	330413	38.342	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	1140095	27.063	ng	0.00
79) Terphenyl-d14	19.929	244	1777752	28.264	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.083	70	47884	3.929	ng	# 79
32) Benzoic acid	9.952	122	55	10.207	ng	# 1
51) 2,6-Dinitrotoluene	14.559	165	77595	8.125	ng	# 34
54) 2,4-Dinitrophenol	14.682	184	71	8.598	ng	# 27
57) 2,4-Dinitrotoluene	14.559	165	77595	5.925	ng	# 27
71) Phenanthrene	17.350	178	243883	3.671	ng	95
72) Anthracene	17.350	178	243883	3.677	ng	96
75) Fluoranthene	19.365	202	582479	7.299	ng	86
78) Pyrene	19.729	202	570810	7.520	ng	# 86
81) Benzo(a)anthracene	21.621	228	304329	4.135	ng	97
83) Chrysene	21.621	228	304329	4.205	ng	95
87) Indeno(1,2,3-cd)pyrene	28.337	276	206263	2.211	ng	# 83
88) Benzo(b)fluoranthene	23.736	252	417185	5.263	ng	99
89) Benzo(k)fluoranthene	23.736	252	417185	5.333	ng	99
90) Benzo(a)pyrene	24.588	252	291112	4.065	ng	# 93
92) Benzo(g,h,i)perylene	29.465	276	235830	3.020	ng	97

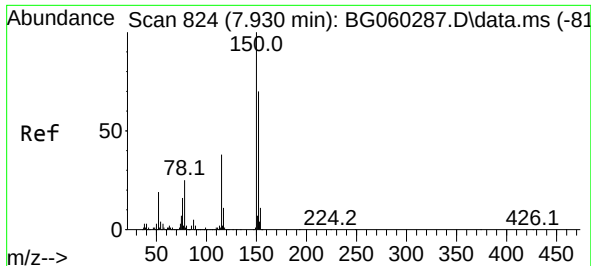
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060498.D
Acq On : 31 Jan 2024 00:45
Operator : MA/JU
Sample : P1243-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

Quant Time: Jan 31 01:27:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

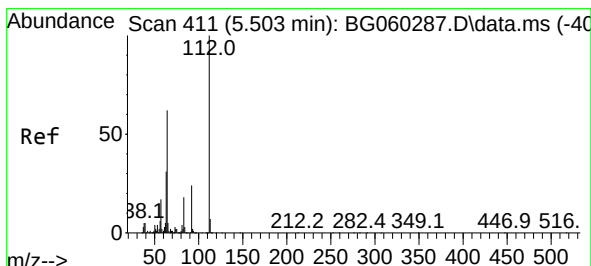
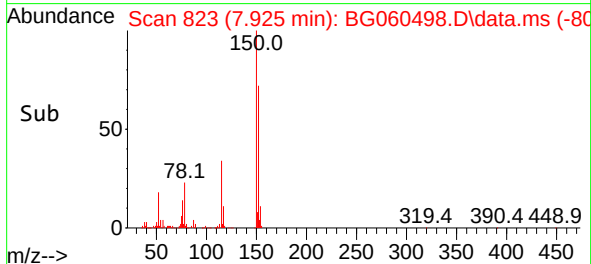
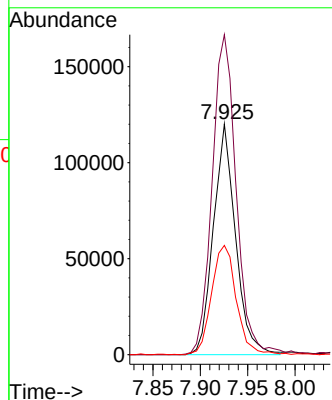
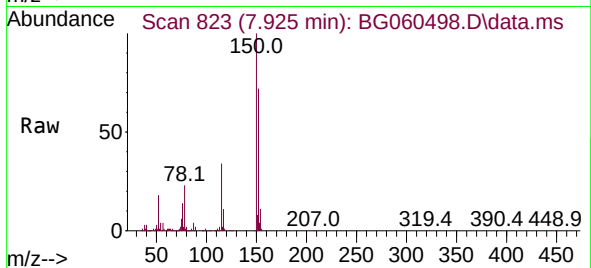




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

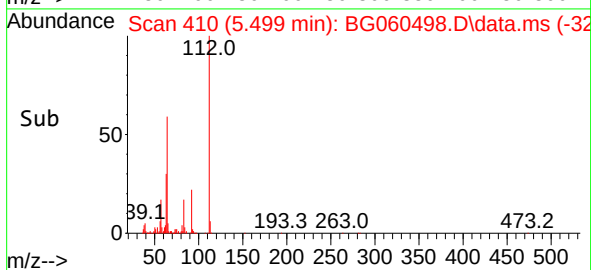
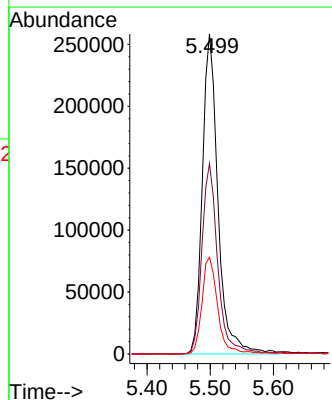
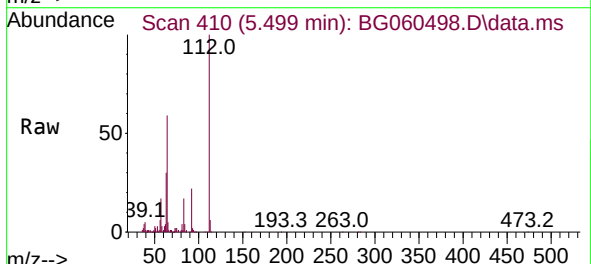
Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

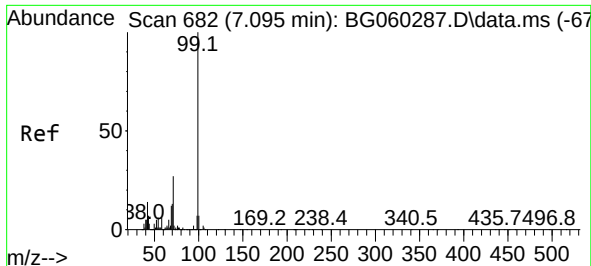
Tgt Ion:152 Resp: 195599
Ion Ratio Lower Upper
152 100
150 138.7 114.5 171.7
115 47.3 43.0 64.6



#5
2-Fluorophenol
Concen: 37.333 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion:112 Resp: 443965
Ion Ratio Lower Upper
112 100
64 59.5 49.8 74.6
63 30.2 24.4 36.6

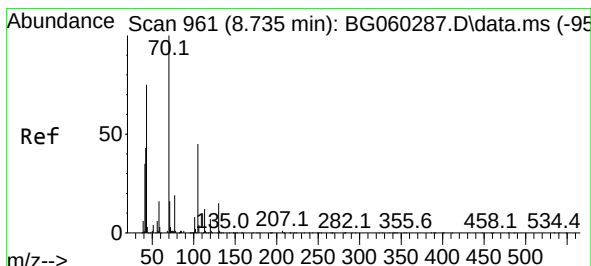
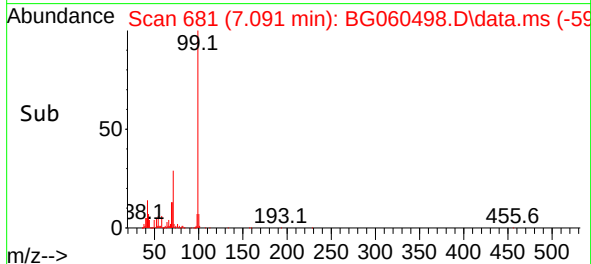
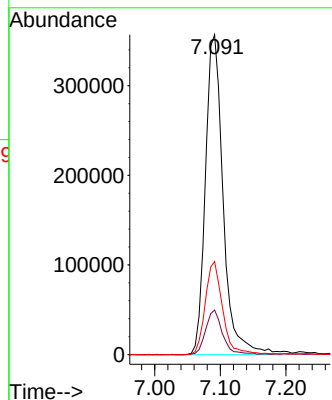
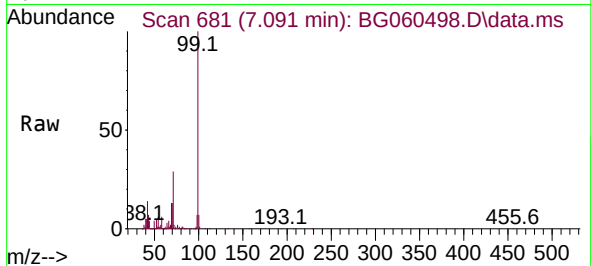




#7
Phenol-d6
Concen: 38.018 ng
RT: 7.091 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

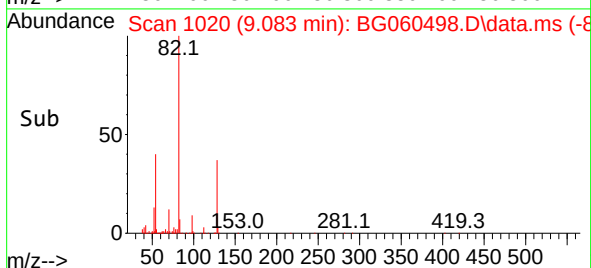
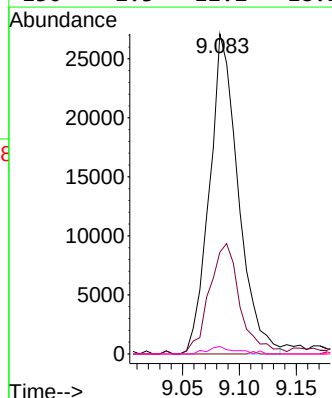
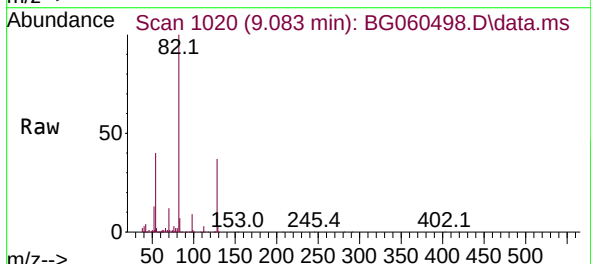
Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

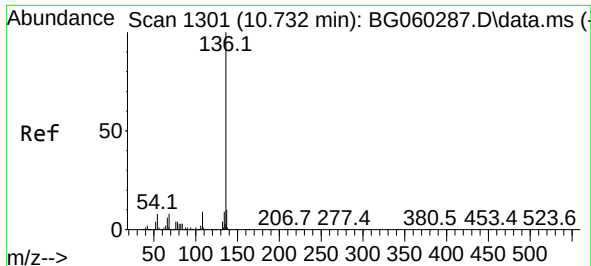
Tgt Ion: 99 Resp: 669477
Ion Ratio Lower Upper
99 100
42 13.9 10.9 16.3
71 29.1 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.929 ng
RT: 9.083 min Scan# 1020
Delta R.T. 0.348 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion: 70 Resp: 47884
Ion Ratio Lower Upper
70 100
42 31.8 34.3 51.5#
101 0.0 6.2 9.2#
130 2.3 12.2 18.2#

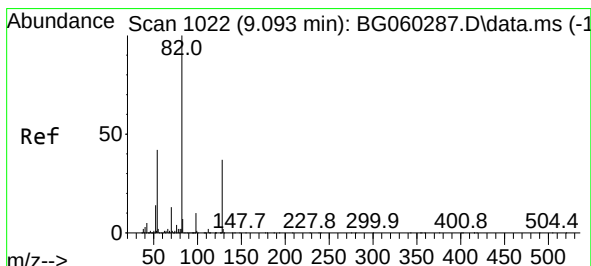
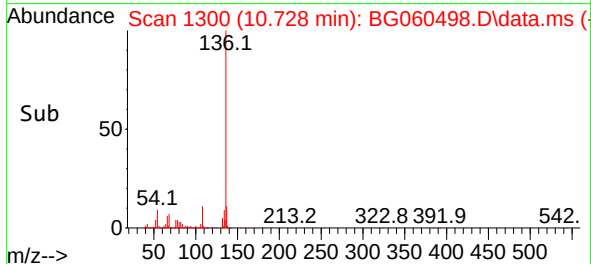
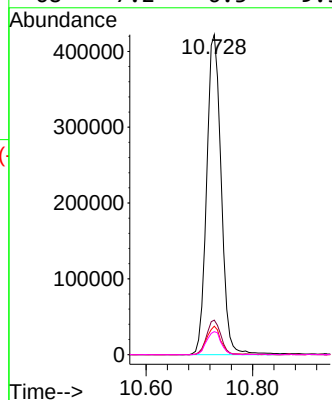
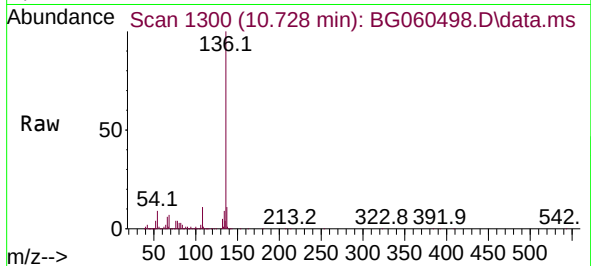




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1301
Delta R.T. -0.004 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

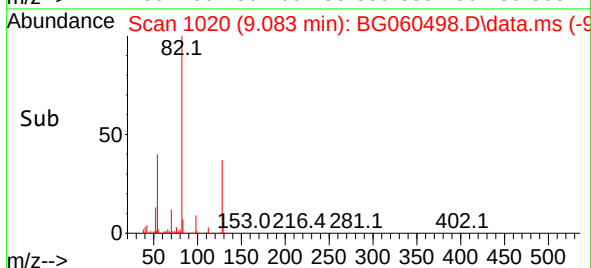
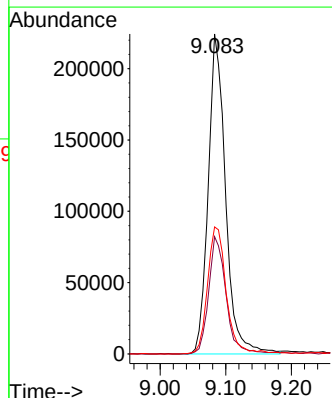
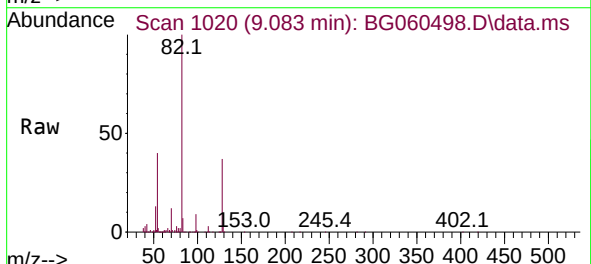
Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

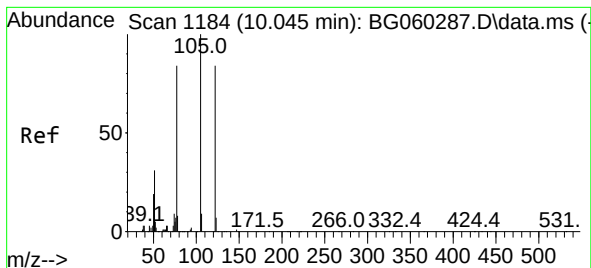
Tgt Ion:	136	Resp:	795924
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.4
54	8.9	6.2	9.2
68	7.2	6.3	9.5



#23
Nitrobenzene-d5
Concen: 24.405 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion:	82	Resp:	411370
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.6	44.4
54	39.7	33.6	50.4





#32

Benzoic acid

Concen: 10.207 ng

RT: 9.952 min Scan# 1184

Delta R.T. -0.093 min

Lab File: BG060498.D

Acq: 31 Jan 2024 00:45

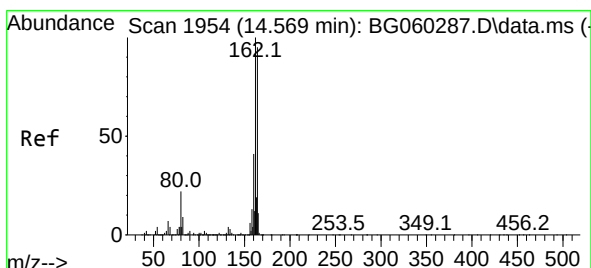
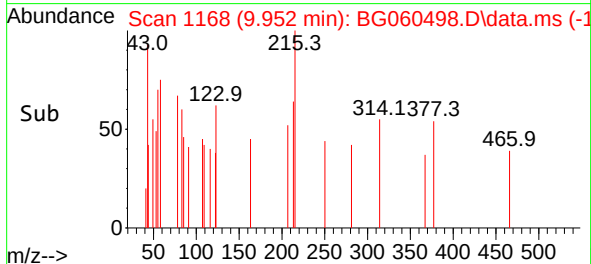
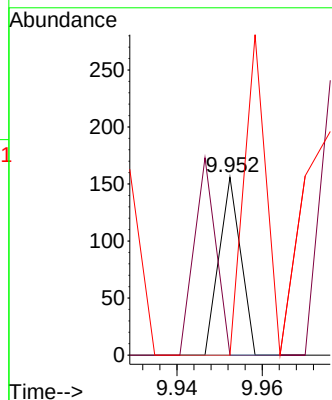
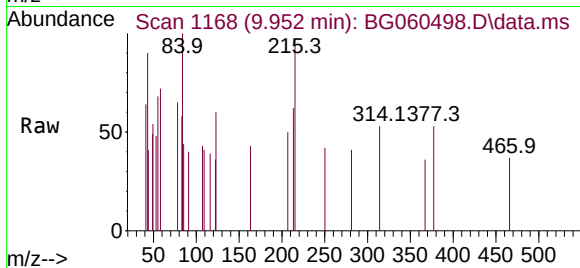
Instrument :

BNA_G

ClientSampleId :

MR-308-0-2

Tgt Ion:122	Resp:	55
Ion Ratio	Lower	Upper
122	100	
105	0.0	96.0 136.0#
77	0.0	80.1 120.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

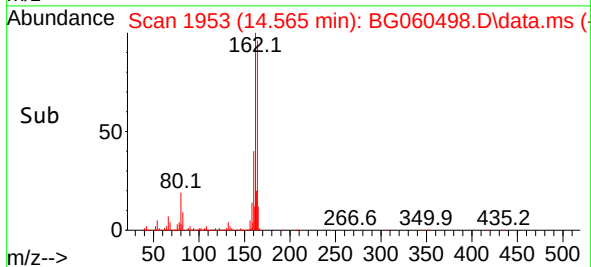
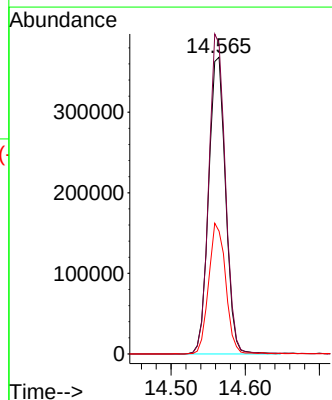
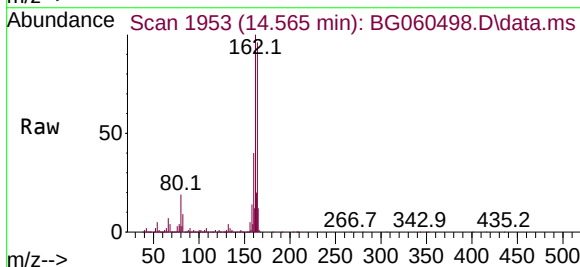
RT: 14.565 min Scan# 1953

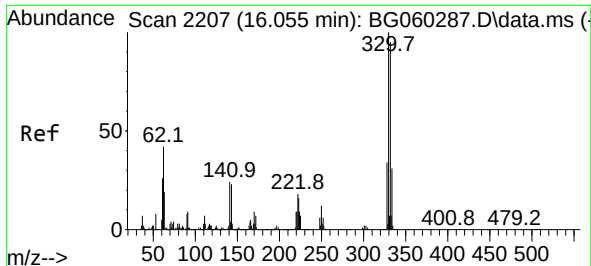
Delta R.T. -0.004 min

Lab File: BG060498.D

Acq: 31 Jan 2024 00:45

Tgt Ion:164	Resp:	585705
Ion Ratio	Lower	Upper
164	100	
162	104.6	84.4 126.6
160	41.3	34.6 52.0

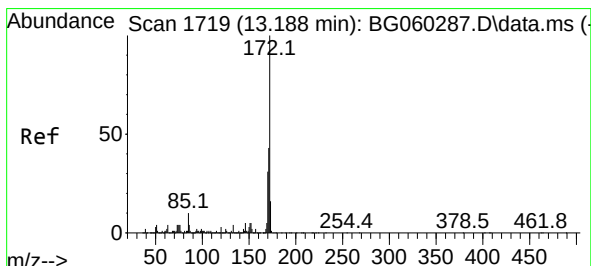
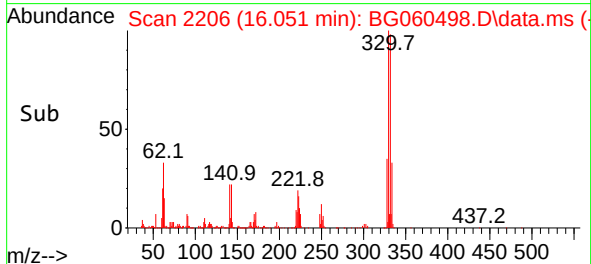
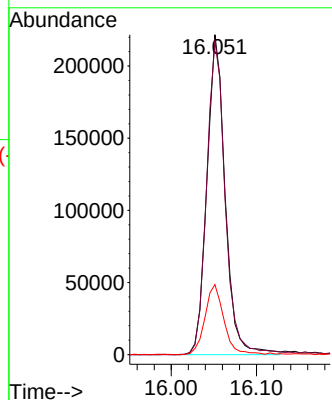
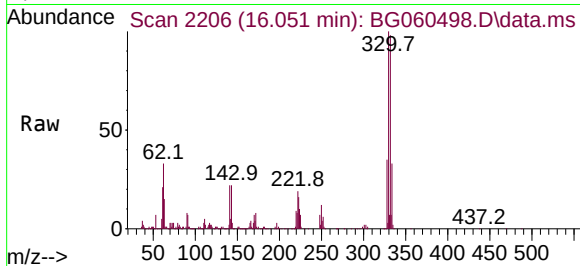




#42
2,4,6-Tribromophenol
Concen: 38.342 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

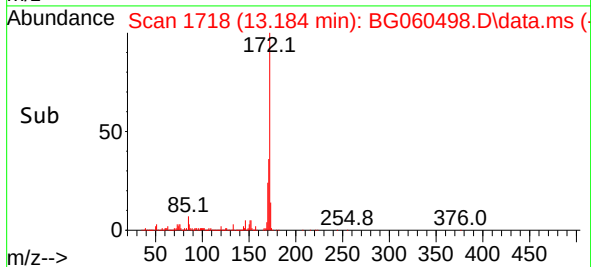
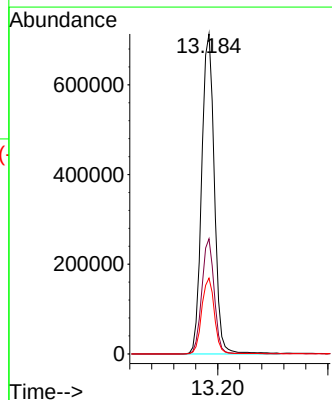
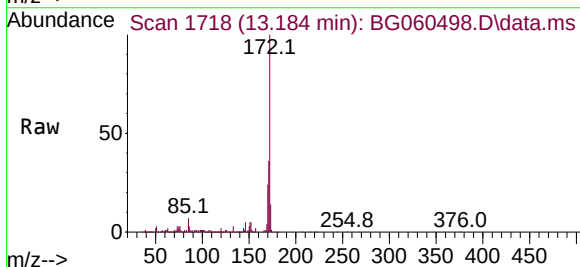
Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

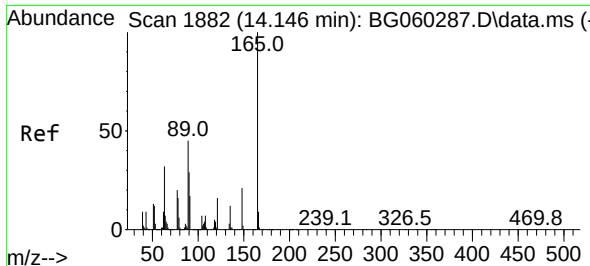
Tgt Ion:330 Resp: 330413
Ion Ratio Lower Upper
330 100
332 99.8 76.7 115.1
141 22.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 27.063 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion:172 Resp: 1140095
Ion Ratio Lower Upper
172 100
171 36.0 34.6 51.8
170 23.7 24.4 36.6#





#51

2,6-Dinitrotoluene

Concen: 8.125 ng

RT: 14.559 min Scan# 1952

Delta R.T. 0.413 min

Lab File: BG060498.D

Acq: 31 Jan 2024 00:45

Instrument :

BNA_G

ClientSampleId :

MR-308-0-2

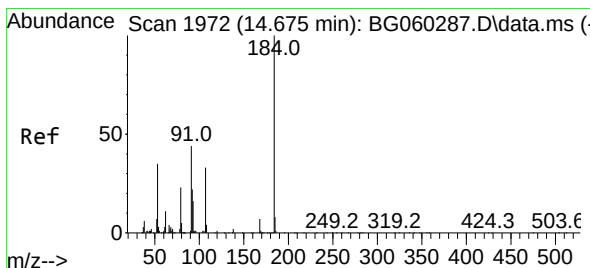
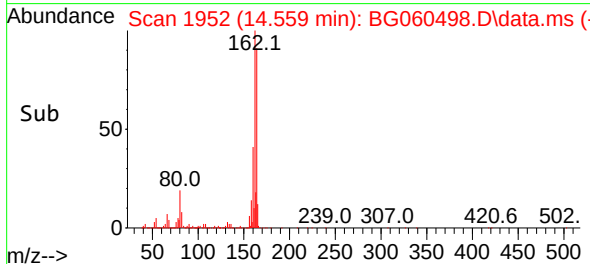
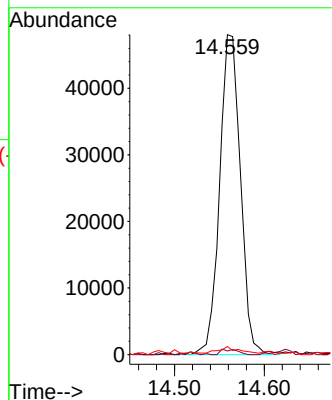
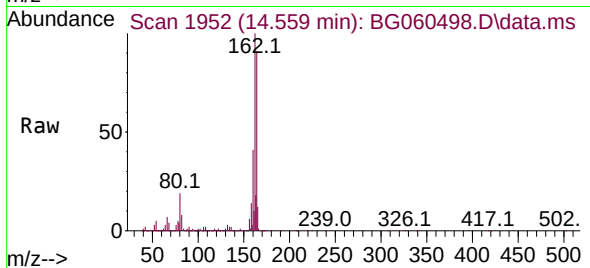
Tgt Ion:165 Resp: 77595

Ion Ratio Lower Upper

165 100

63 1.1 35.0 52.4#

89 2.5 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.598 ng

RT: 14.682 min Scan# 1973

Delta R.T. 0.007 min

Lab File: BG060498.D

Acq: 31 Jan 2024 00:45

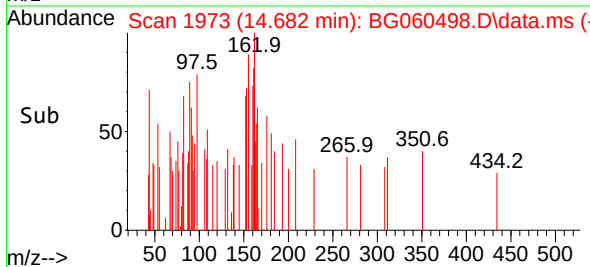
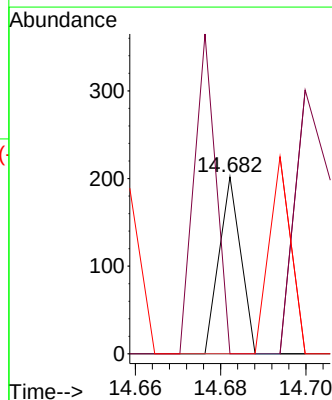
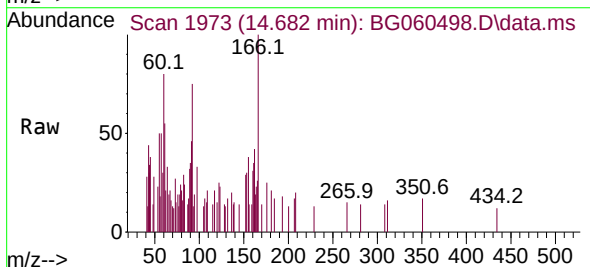
Tgt Ion:184 Resp: 71

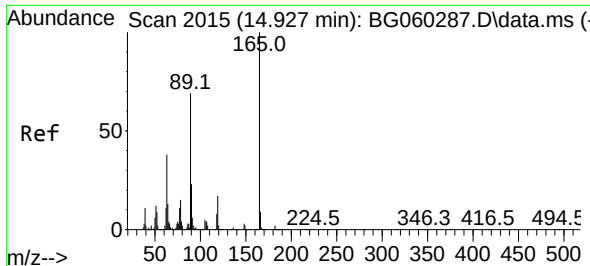
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

154 0.0 39.2 58.8#

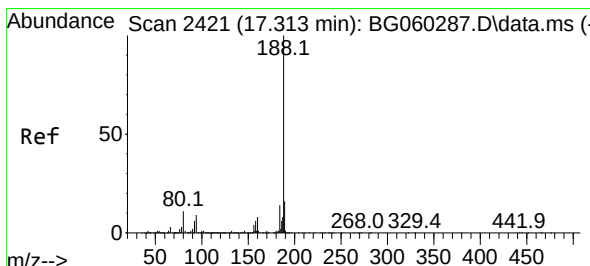
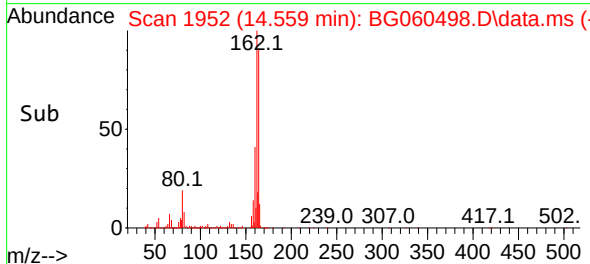
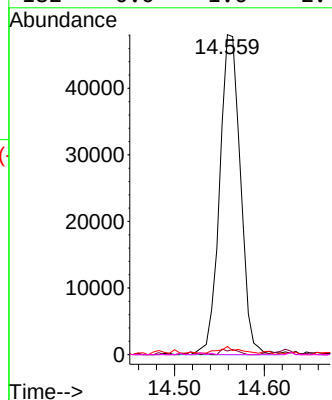
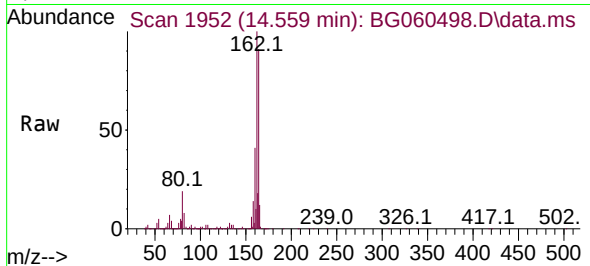




#57
2,4-Dinitrotoluene
Concen: 5.925 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.368 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

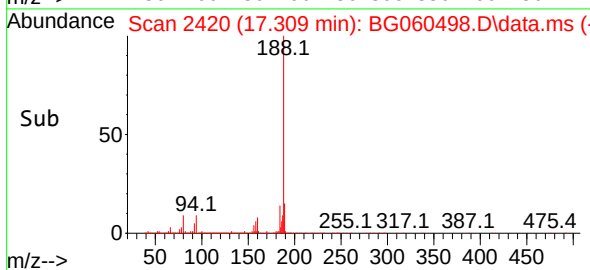
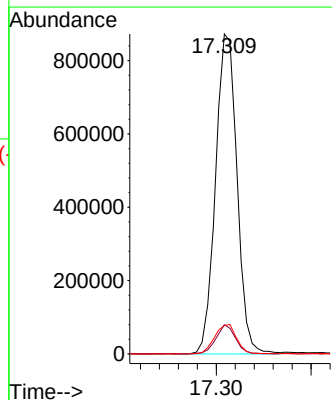
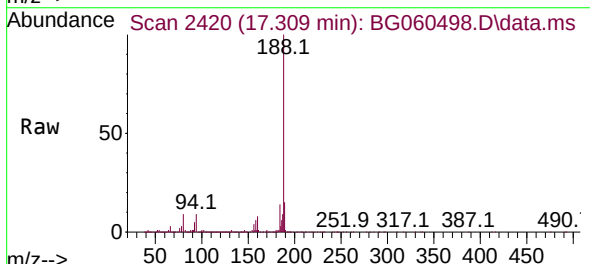
Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

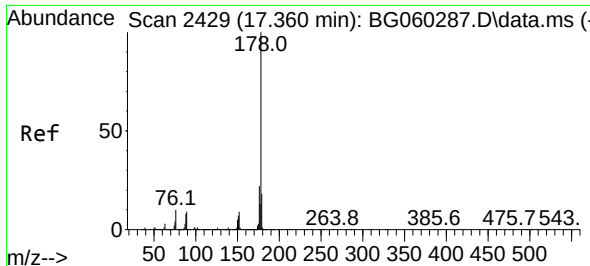
Tgt Ion:165 Resp: 77595
Ion Ratio Lower Upper
165 100
63 1.1 30.4 45.6#
89 2.5 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion:188 Resp: 1374527
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 8.8 8.5 12.7

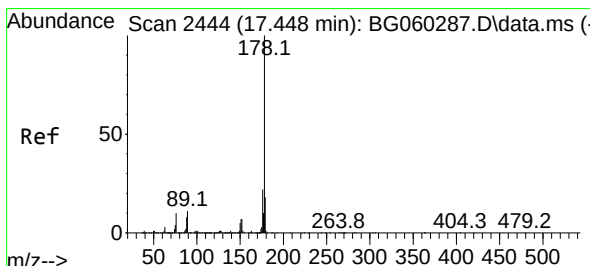
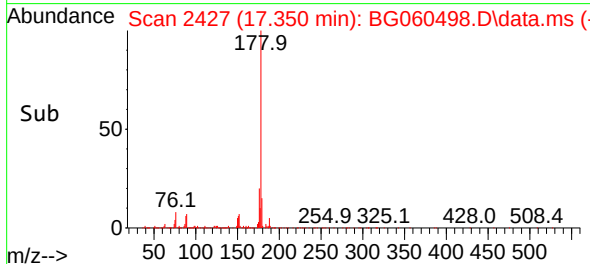
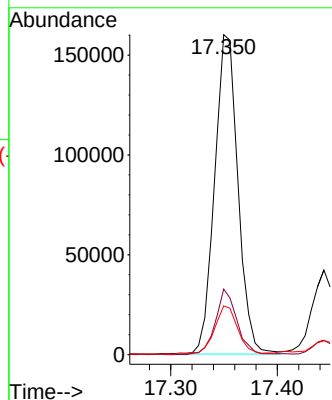
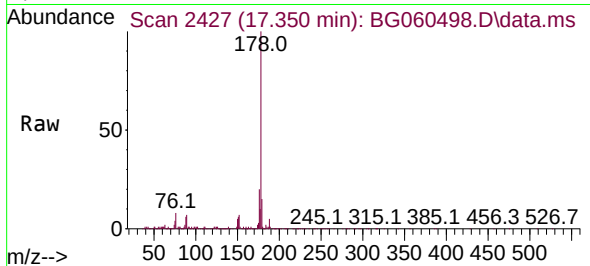




#71
Phenanthrene
Concen: 3.671 ng
RT: 17.350 min Scan# 2429
Delta R.T. -0.010 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

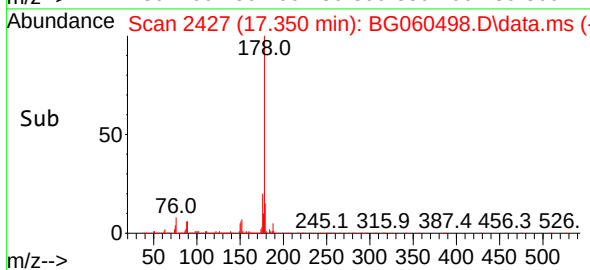
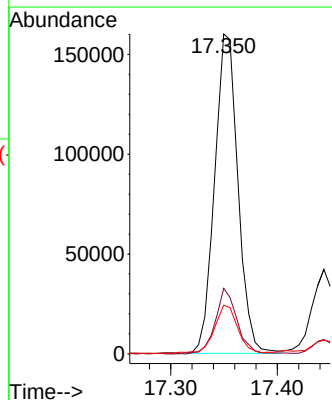
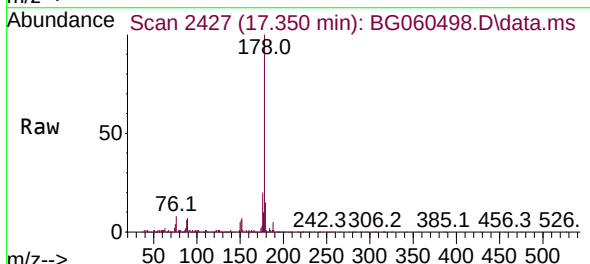
Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

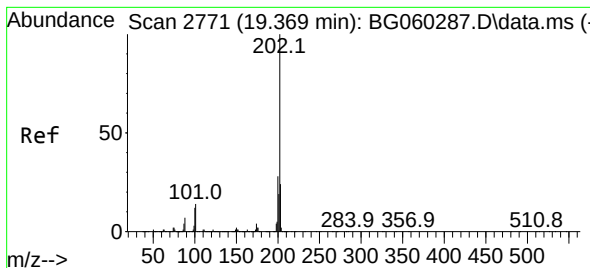
Tgt Ion:178 Resp: 243883
Ion Ratio Lower Upper
178 100
176 20.5 17.4 26.2
179 15.2 14.7 22.1



#72
Anthracene
Concen: 3.677 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.098 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion:178 Resp: 243883
Ion Ratio Lower Upper
178 100
176 20.5 17.8 26.6
179 15.2 14.1 21.1





#75

Fluoranthene

Concen: 7.299 ng

RT: 19.365 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060498.D

Acq: 31 Jan 2024 00:45

Instrument :

BNA_G

ClientSampleId :

MR-308-0-2

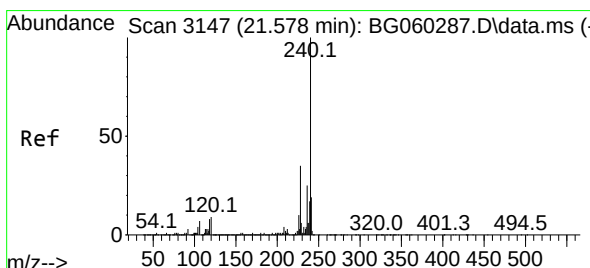
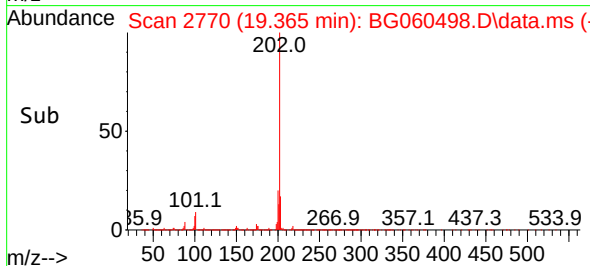
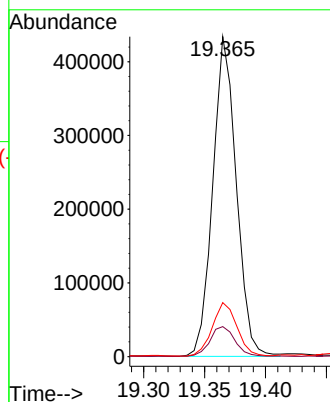
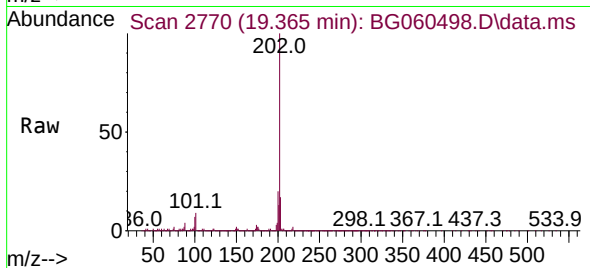
Tgt Ion:202 Resp: 582479

Ion Ratio Lower Upper

202 100

101 9.4 0.0 34.4

203 16.9 4.0 44.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BG060498.D

Acq: 31 Jan 2024 00:45

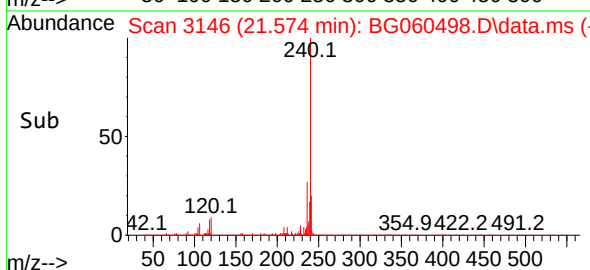
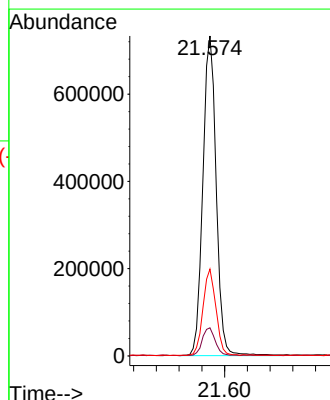
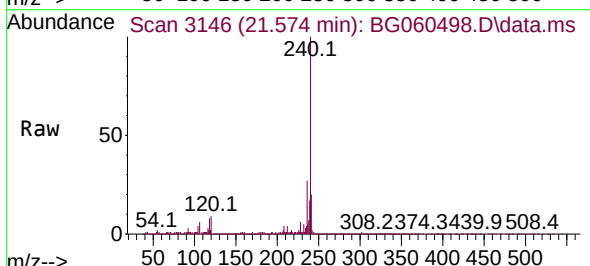
Tgt Ion:240 Resp: 1188707

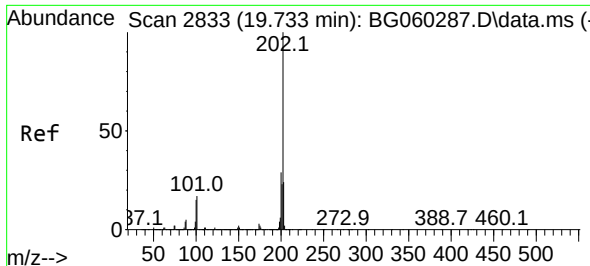
Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

236 27.1 20.3 30.5

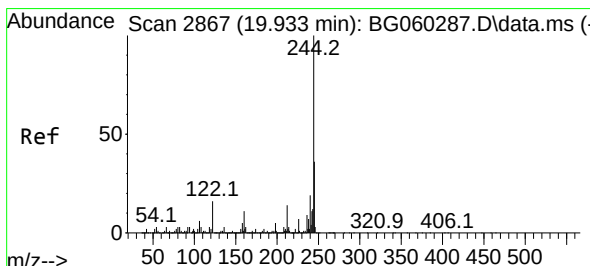
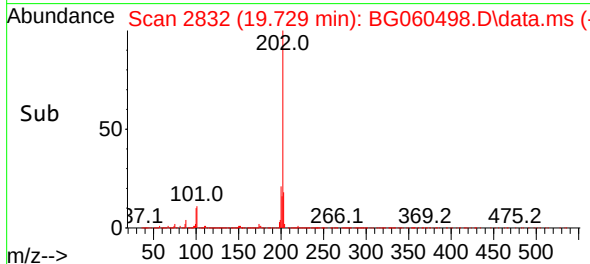
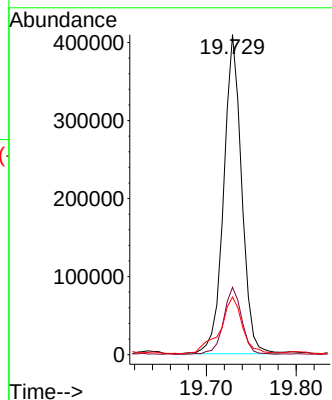
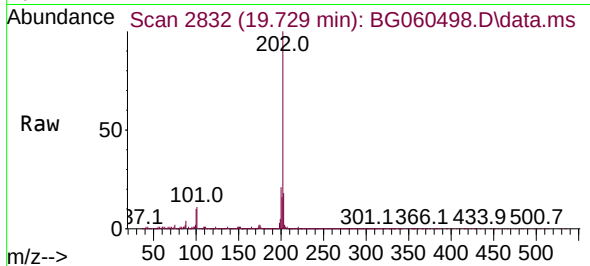




#78
Pyrene
Concen: 7.520 ng
RT: 19.729 min Scan# 2832
Delta R.T. -0.004 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

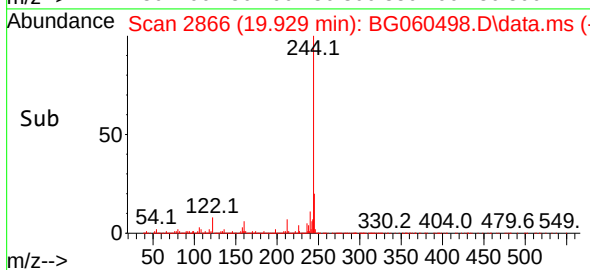
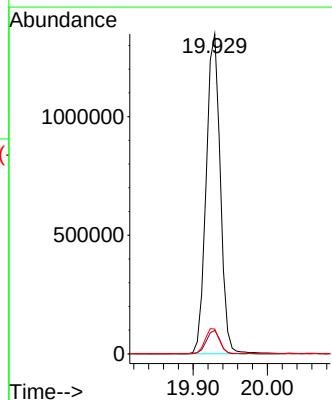
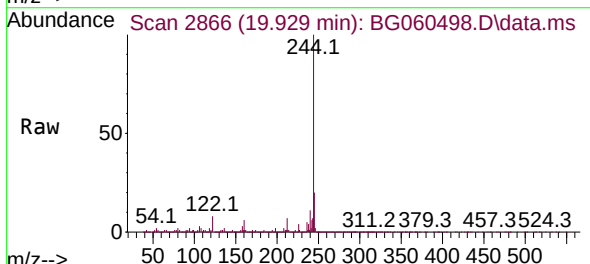
Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

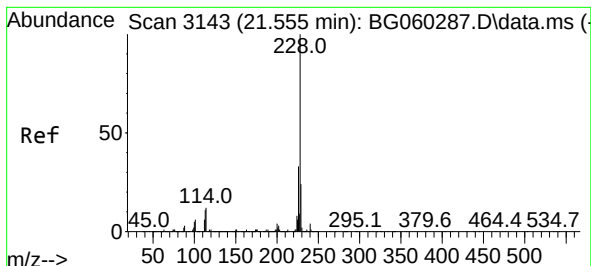
Tgt Ion:202 Resp: 570810
Ion Ratio Lower Upper
202 100
200 21.0 23.5 35.3#
203 18.0 19.6 29.4#



#79
Terphenyl-d14
Concen: 28.264 ng
RT: 19.929 min Scan# 2866
Delta R.T. -0.004 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion:244 Resp: 1777752
Ion Ratio Lower Upper
244 100
212 7.3 10.9 16.3#
122 7.8 12.6 18.8#





#81

Benzo(a)anthracene

Concen: 4.135 ng

RT: 21.621 min Scan# 3154

Delta R.T. 0.066 min

Lab File: BG060498.D

Acq: 31 Jan 2024 00:45

Instrument :

BNA_G

ClientSampleId :

MR-308-0-2

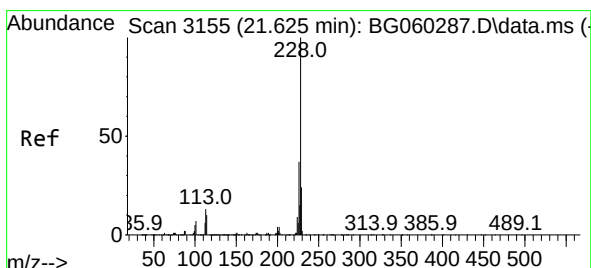
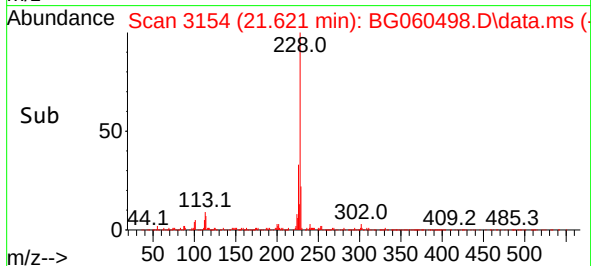
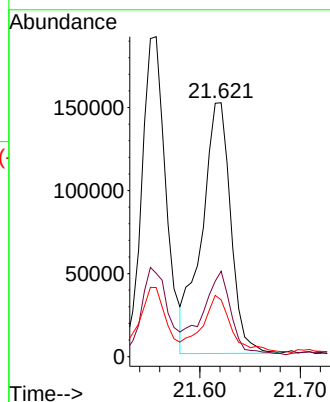
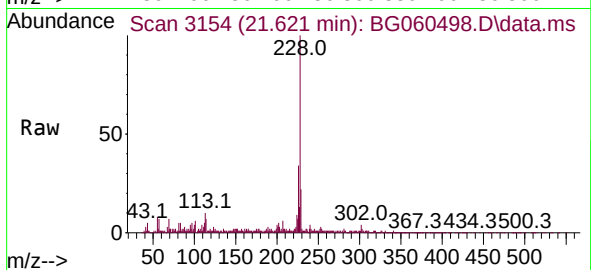
Tgt Ion:228 Resp: 304329

Ion Ratio Lower Upper

228 100

226 33.6 26.2 39.2

229 22.3 19.4 29.2



#83

Chrysene

Concen: 4.205 ng

RT: 21.621 min Scan# 3154

Delta R.T. -0.004 min

Lab File: BG060498.D

Acq: 31 Jan 2024 00:45

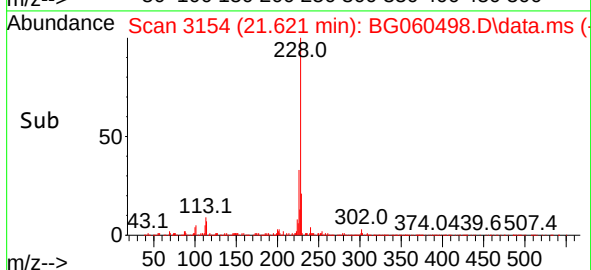
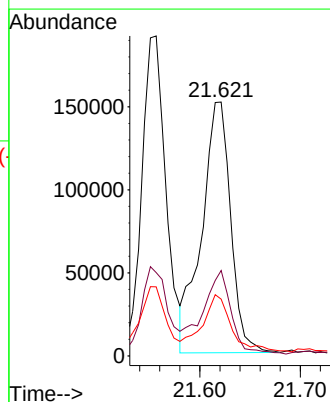
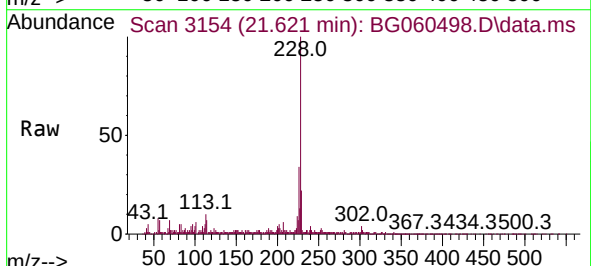
Tgt Ion:228 Resp: 304329

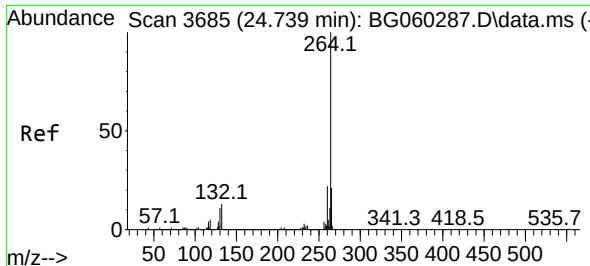
Ion Ratio Lower Upper

228 100

226 33.6 29.4 44.2

229 22.3 19.2 28.8



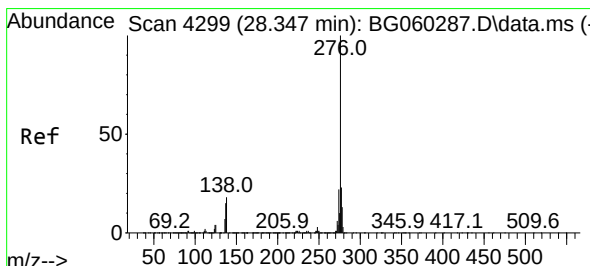
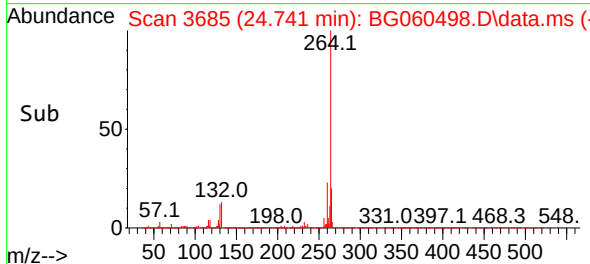
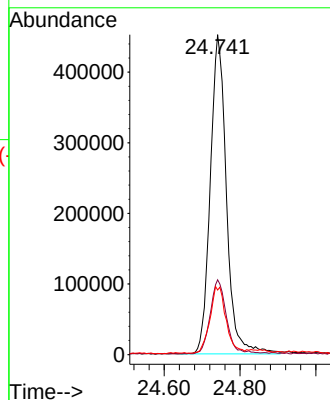
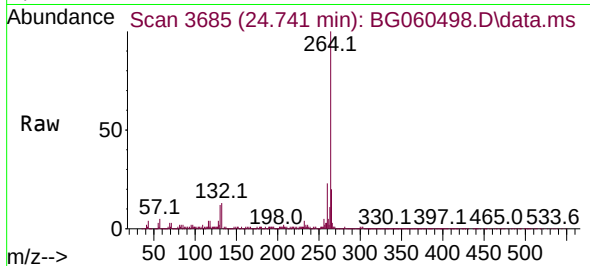


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.741 min Scan# 3685
Delta R.T. 0.002 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

Tgt Ion:264 Resp: 1341837

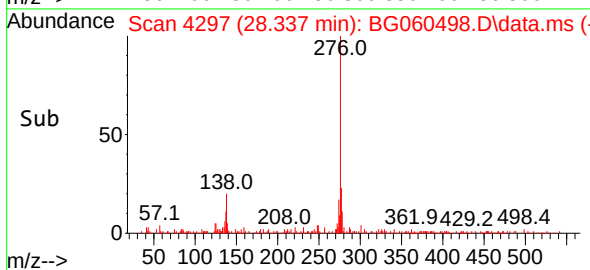
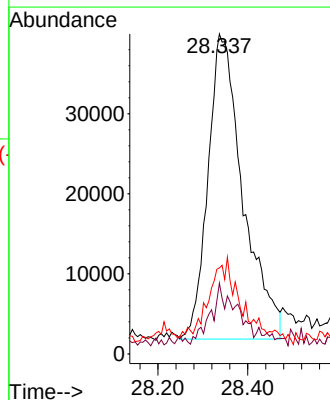
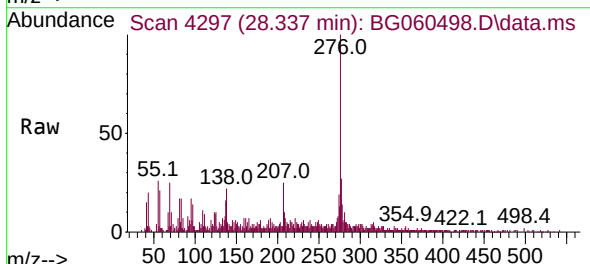
Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.8	26.6
265	20.2	16.8	25.2

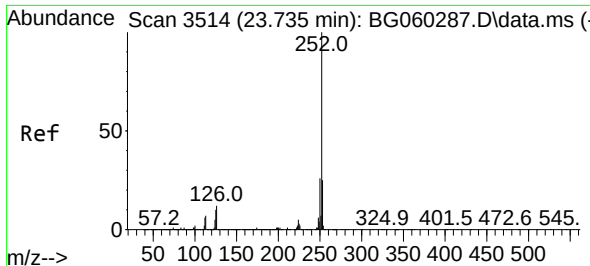


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.211 ng
RT: 28.337 min Scan# 4297
Delta R.T. -0.010 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion:276 Resp: 206263

Ion	Ratio	Lower	Upper
276	100		
138	7.5	12.5	18.7#
277	17.8	20.5	30.7#

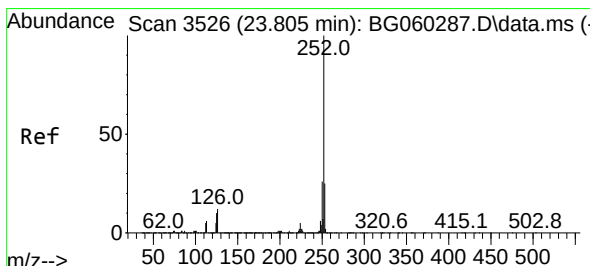
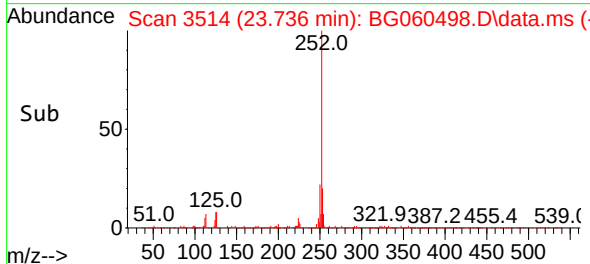
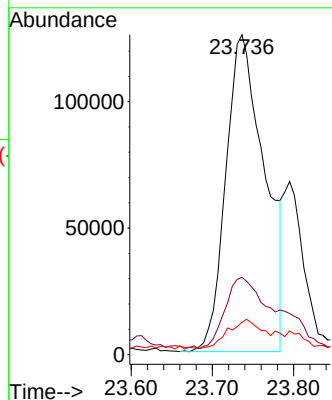
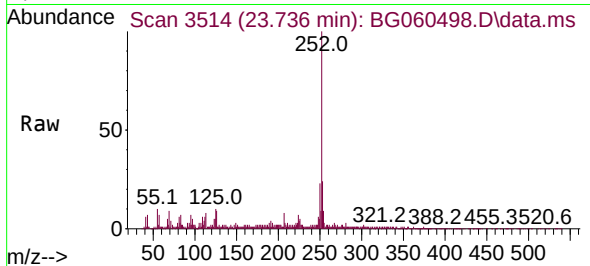




#88
Benzo(b)fluoranthene
Concen: 5.263 ng
RT: 23.736 min Scan# 3514
Delta R.T. 0.002 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

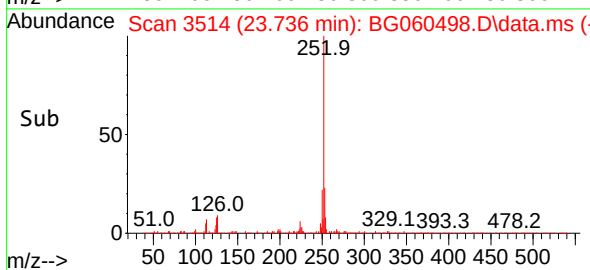
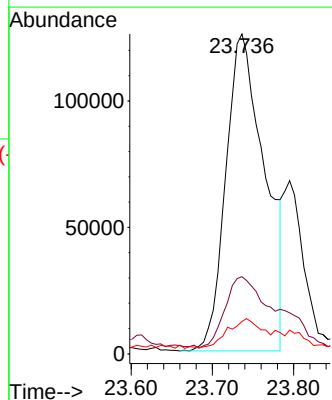
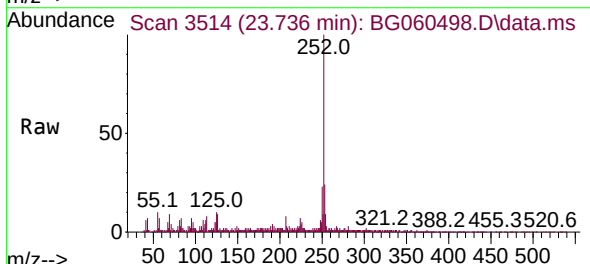
Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

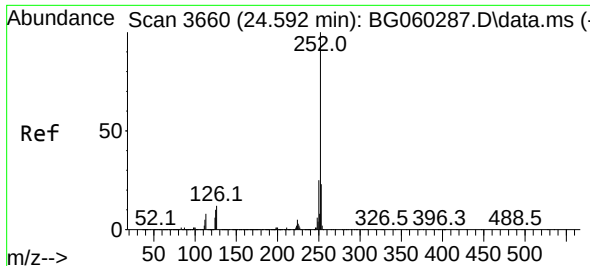
Tgt Ion:252 Resp: 417185
Ion Ratio Lower Upper
252 100
253 24.1 20.0 30.0
125 10.2 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 5.333 ng
RT: 23.736 min Scan# 3514
Delta R.T. -0.069 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion:252 Resp: 417185
Ion Ratio Lower Upper
252 100
253 24.1 19.6 29.4
125 10.2 8.2 12.2

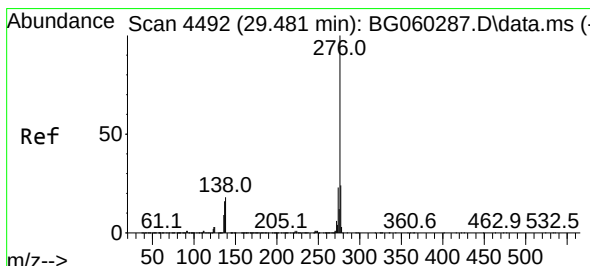
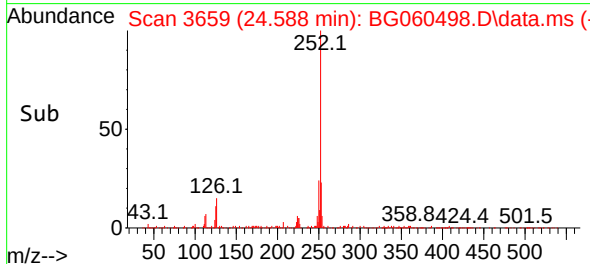
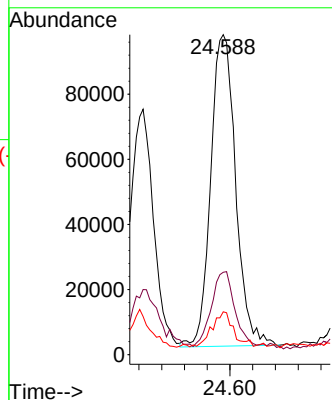
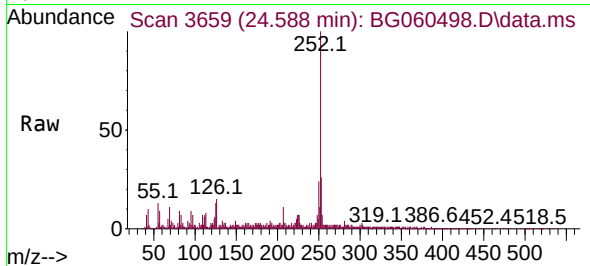




#90
Benzo(a)pyrene
Concen: 4.065 ng
RT: 24.588 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Instrument :
BNA_G
ClientSampleId :
MR-308-0-2

Tgt Ion:252 Resp: 291112
Ion Ratio Lower Upper
252 100
253 25.7 18.1 27.1
125 13.4 8.1 12.1#



#92
Benzo(g,h,i)perylene
Concen: 3.020 ng
RT: 29.465 min Scan# 4489
Delta R.T. -0.016 min
Lab File: BG060498.D
Acq: 31 Jan 2024 00:45

Tgt Ion:276 Resp: 235830
Ion Ratio Lower Upper
276 100
277 25.8 19.4 29.0
138 16.5 14.2 21.4

