

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060496.D
 Acq On : 30 Jan 2024 23:24
 Operator : MA/JU
 Sample : P1283-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-012924

Quant Time: Jan 31 01:26:36 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)

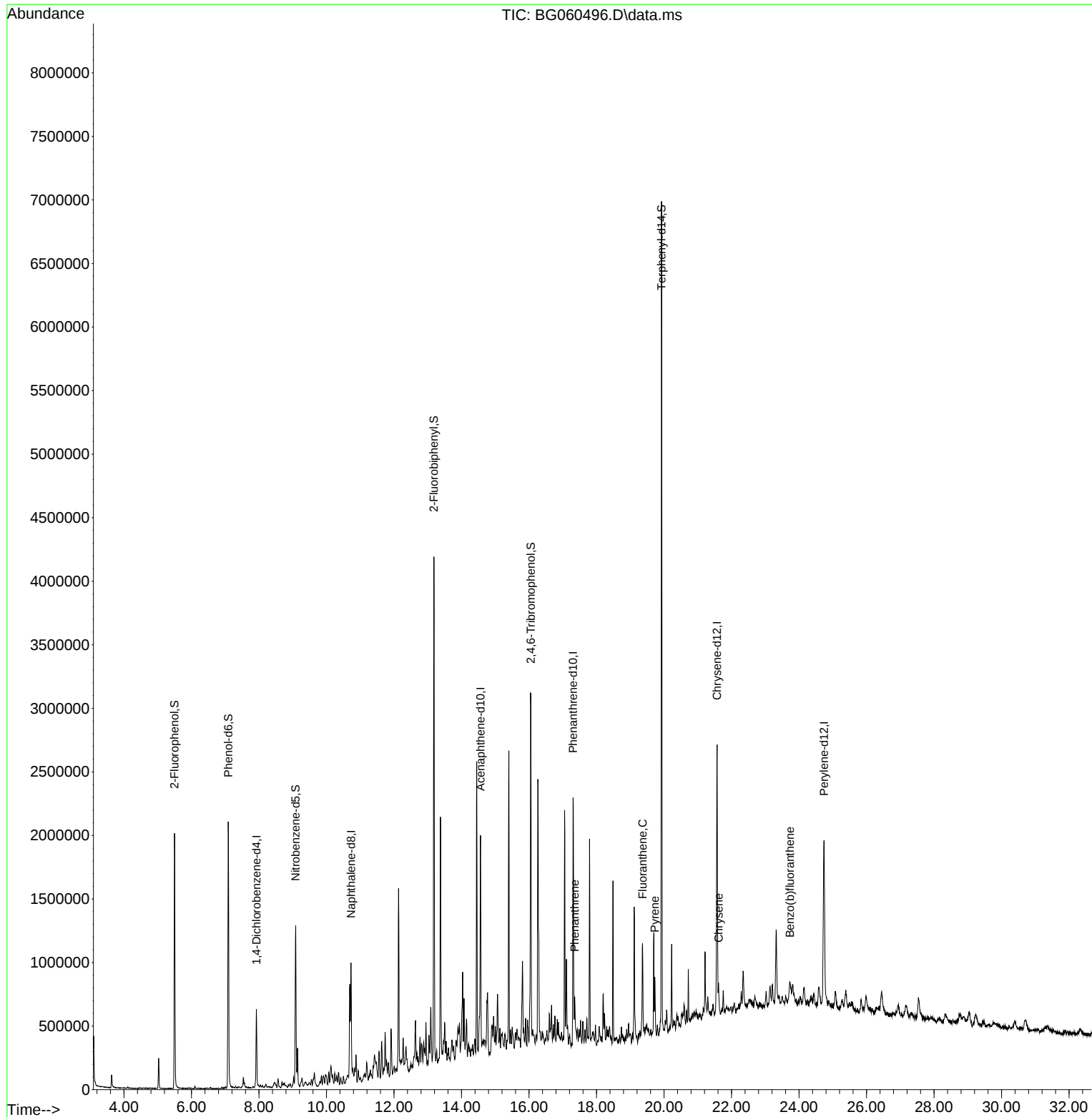
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	196071	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	801102	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	571282	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	1305031	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1245639	20.000	ng	0.00
86) Perylene-d12	24.738	264	1404131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	955393	80.145	ng	0.00
7) Phenol-d6	7.088	99	1443172	81.757	ng	0.00
23) Nitrobenzene-d5	9.086	82	877480	51.722	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	662057	78.767	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2265759	55.141	ng	0.00
79) Terphenyl-d14	19.926	244	3340626	60.700	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.353	178	181993	2.885	ng	95
75) Fluoranthene	19.362	202	299466	3.953	ng	91
78) Pyrene	19.726	202	307943	3.871	ng	# 85
83) Chrysene	21.618	228	151973	2.004	ng	93
88) Benzo(b)fluoranthene	23.733	252	194848	2.349	ng	# 89

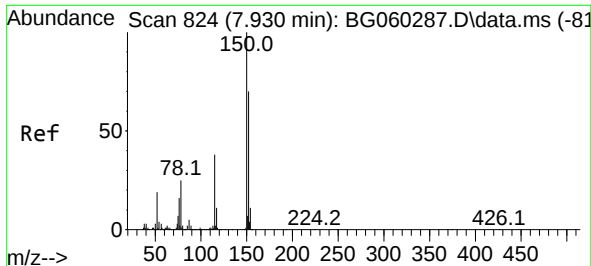
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060496.D
Acq On : 30 Jan 2024 23:24
Operator : MA/JU
Sample : P1283-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-012924

Quant Time: Jan 31 01:26:36 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

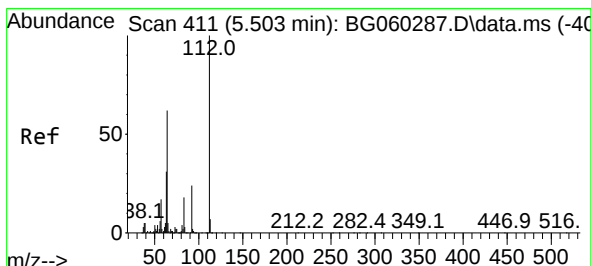
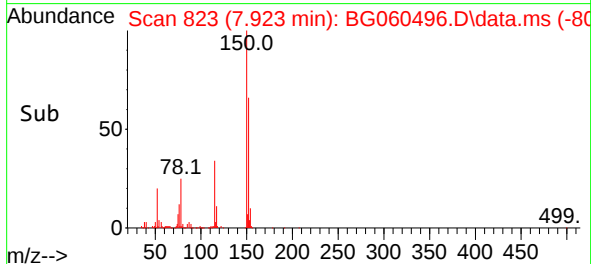
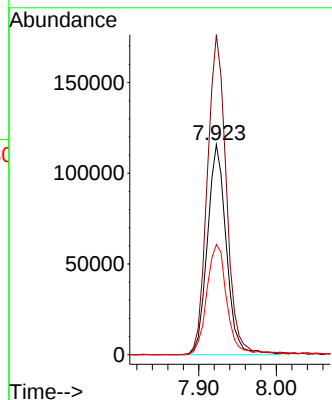
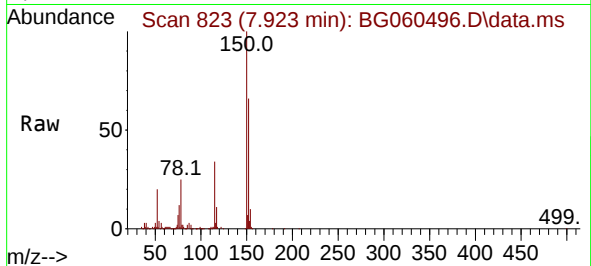




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060496.D
Acq: 30 Jan 2024 23:24

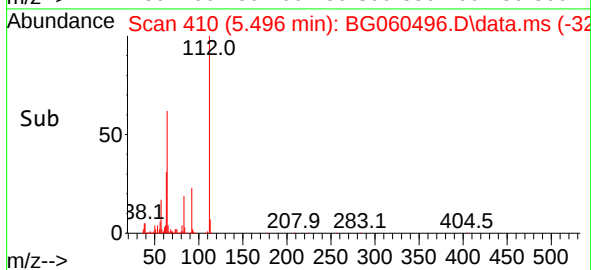
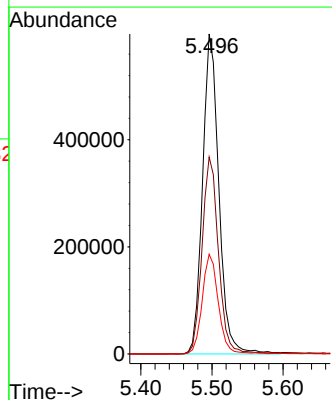
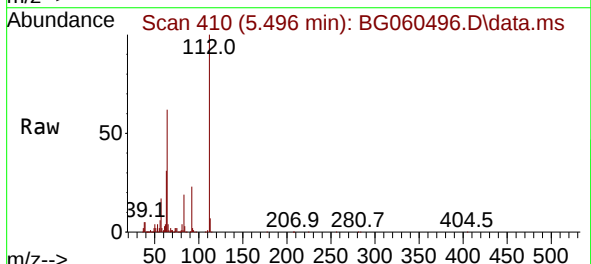
Instrument :
BNA_G
ClientSampleId :
OR-02-012924

Tgt Ion:152 Resp: 196071
Ion Ratio Lower Upper
152 100
150 152.4 114.5 171.7
115 52.4 43.0 64.6



#5
2-Fluorophenol
Concen: 80.145 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060496.D
Acq: 30 Jan 2024 23:24

Tgt Ion:112 Resp: 955393
Ion Ratio Lower Upper
112 100
64 61.5 49.8 74.6
63 31.2 24.4 36.6

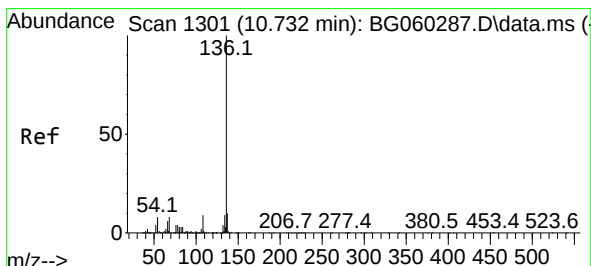
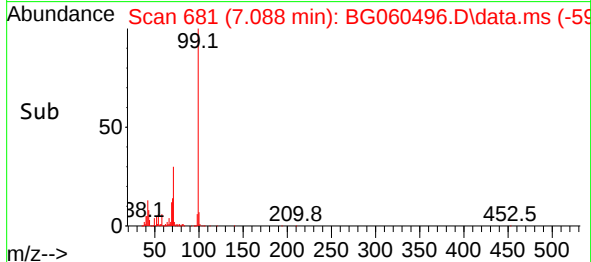
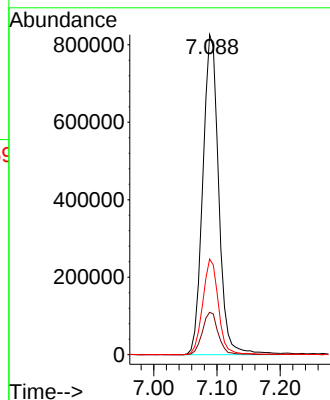
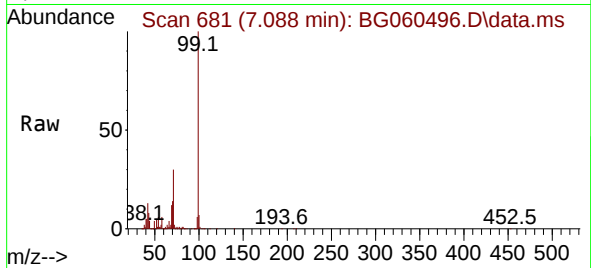




#7
Phenol-d6
Concen: 81.757 ng
RT: 7.088 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060496.D
Acq: 30 Jan 2024 23:24

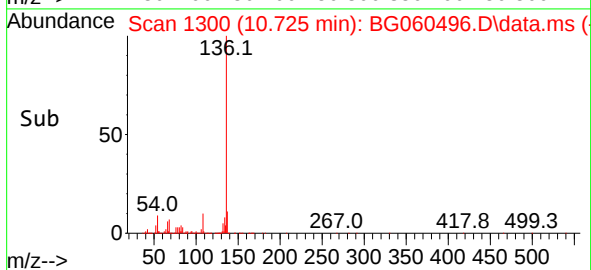
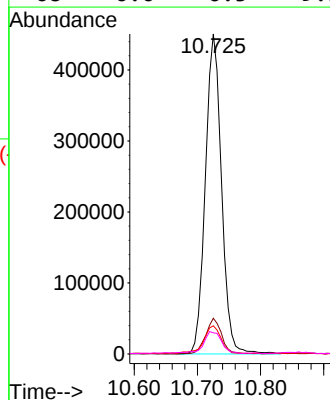
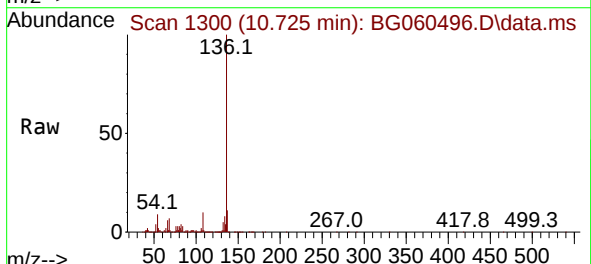
Instrument :
BNA_G
ClientSampleId :
OR-02-012924

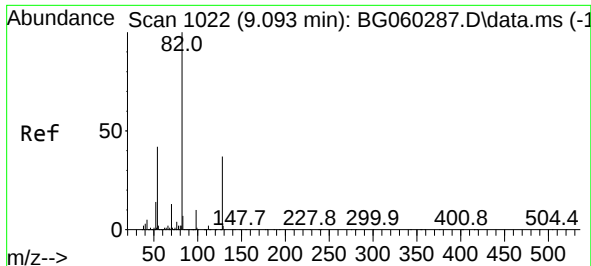
Tgt Ion: 99 Resp: 1443172
Ion Ratio Lower Upper
99 100
42 13.3 10.9 16.3
71 29.9 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.007 min
Lab File: BG060496.D
Acq: 30 Jan 2024 23:24

Tgt Ion: 136 Resp: 801102
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 8.8 6.2 9.2
68 6.6 6.3 9.5

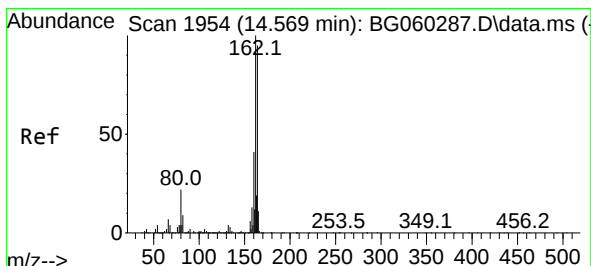
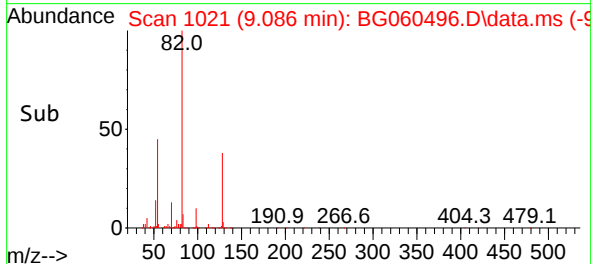
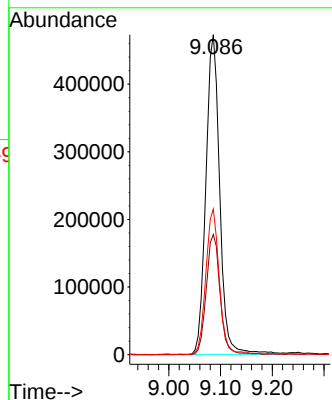
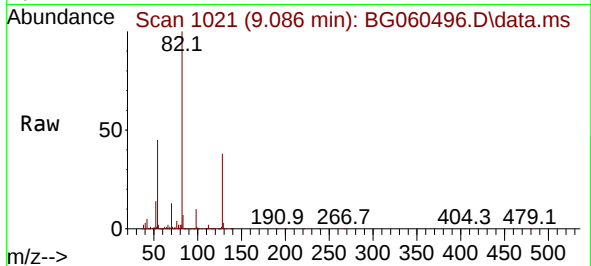




#23
Nitrobenzene-d5
Concen: 51.722 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.007 min
Lab File: BG060496.D
Acq: 30 Jan 2024 23:24

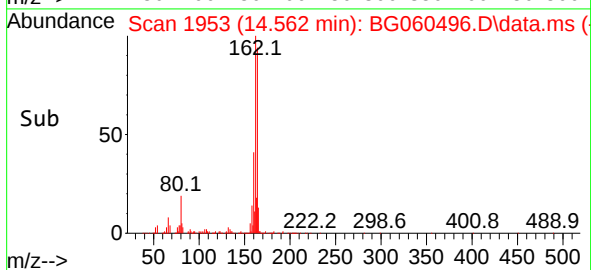
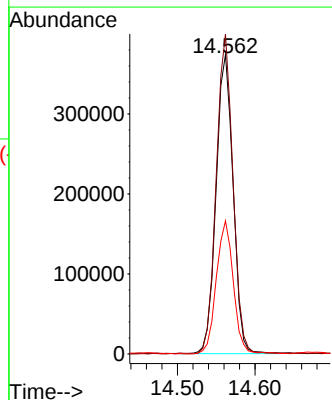
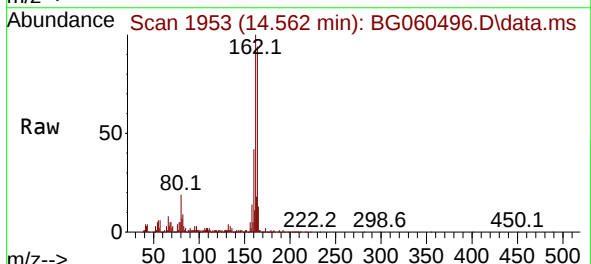
Instrument :
BNA_G
ClientSampleId :
OR-02-012924

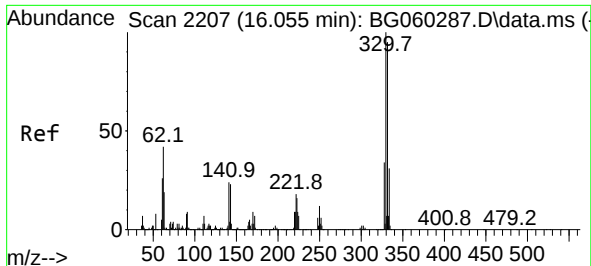
Tgt Ion: 82 Resp: 877480
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 45.5 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060496.D
Acq: 30 Jan 2024 23:24

Tgt Ion:164 Resp: 571282
Ion Ratio Lower Upper
164 100
162 106.8 84.4 126.6
160 44.4 34.6 52.0

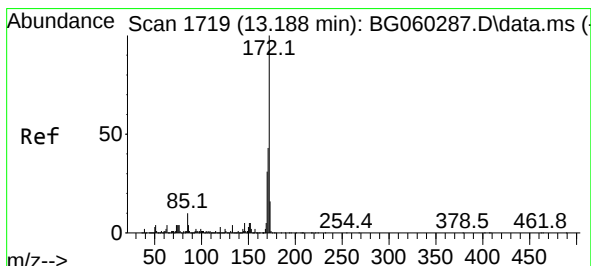
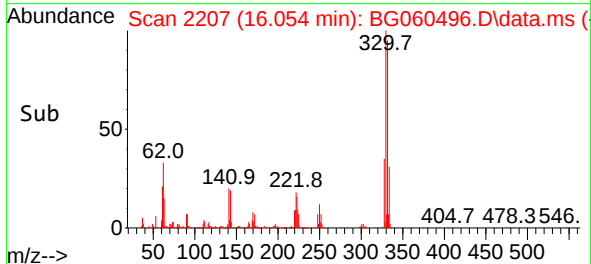
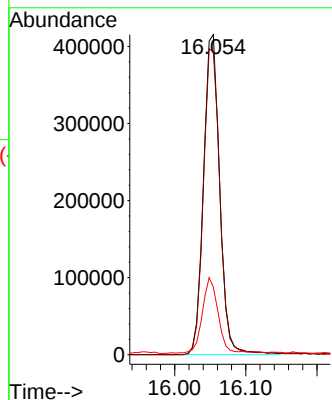
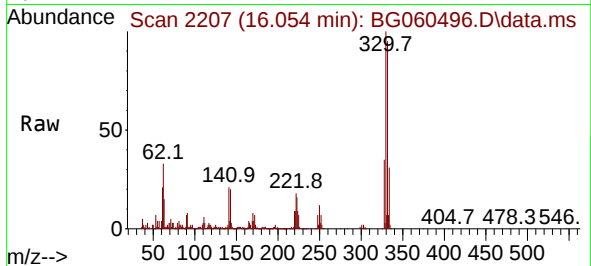




#42
2,4,6-Tribromophenol
Concen: 78.767 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060496.D
Acq: 30 Jan 2024 23:24

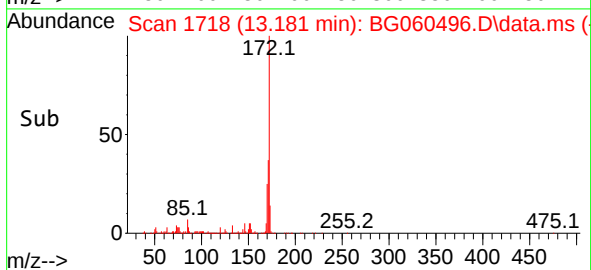
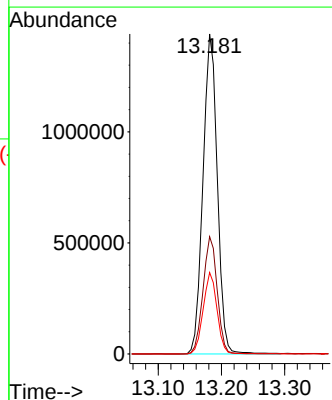
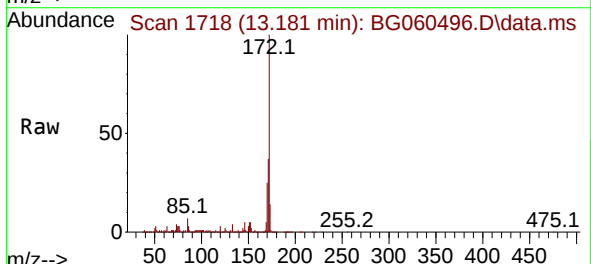
Instrument :
BNA_G
ClientSampleId :
OR-02-012924

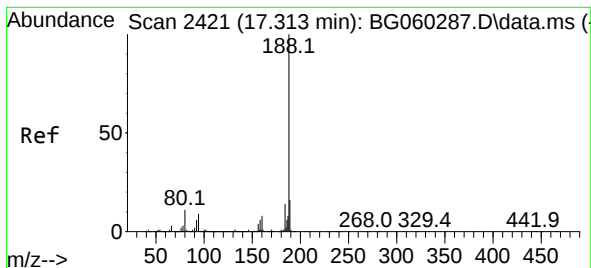
Tgt Ion:330 Resp: 662057
Ion Ratio Lower Upper
330 100
332 97.4 76.7 115.1
141 23.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 55.141 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG060496.D
Acq: 30 Jan 2024 23:24

Tgt Ion:172 Resp: 2265759
Ion Ratio Lower Upper
172 100
171 36.6 34.6 51.8
170 25.4 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2420

Delta R.T. -0.007 min

Lab File: BG060496.D

Acq: 30 Jan 2024 23:24

Instrument :

BNA_G

ClientSampleId :

OR-02-012924

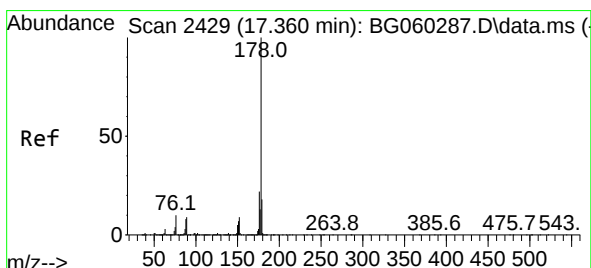
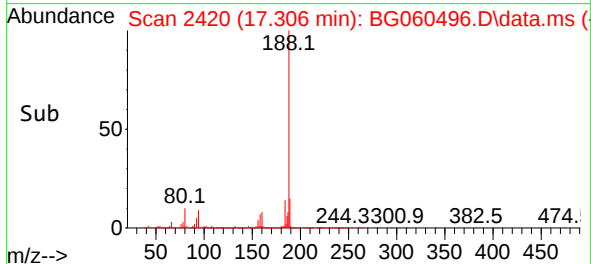
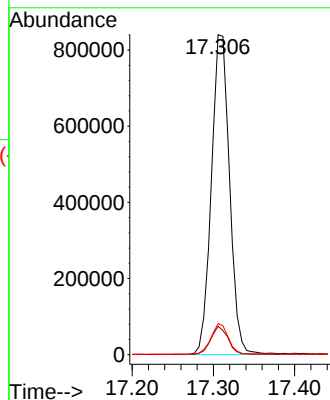
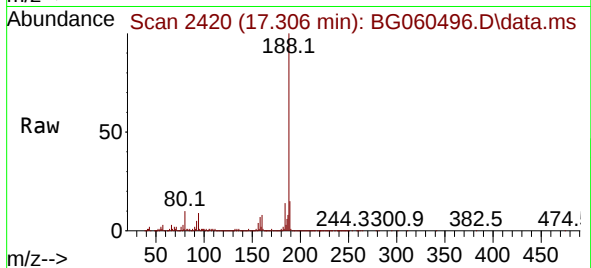
Tgt Ion:188 Resp: 1305031

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 9.7 8.5 12.7



#71

Phenanthrene

Concen: 2.885 ng

RT: 17.353 min Scan# 2428

Delta R.T. -0.007 min

Lab File: BG060496.D

Acq: 30 Jan 2024 23:24

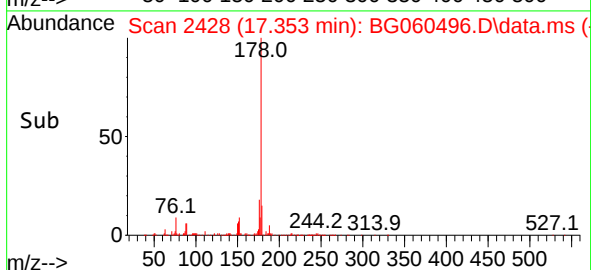
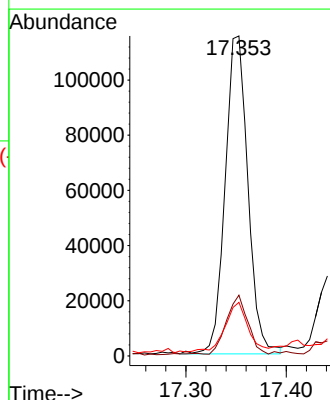
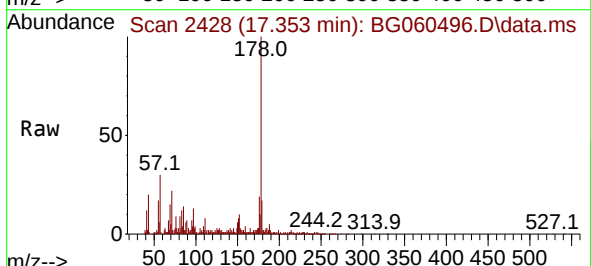
Tgt Ion:178 Resp: 181993

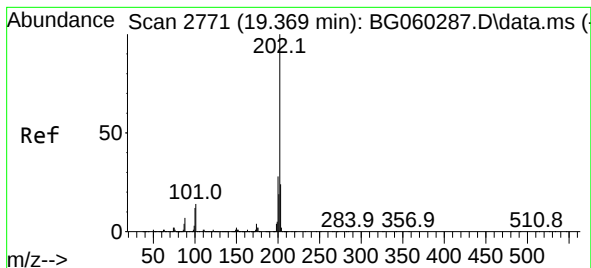
Ion Ratio Lower Upper

178 100

176 19.0 17.4 26.2

179 16.8 14.7 22.1





#75

Fluoranthene

Concen: 3.953 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060496.D

Acq: 30 Jan 2024 23:24

Instrument :

BNA_G

ClientSampleId :

OR-02-012924

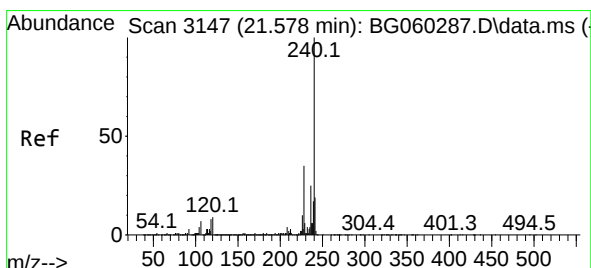
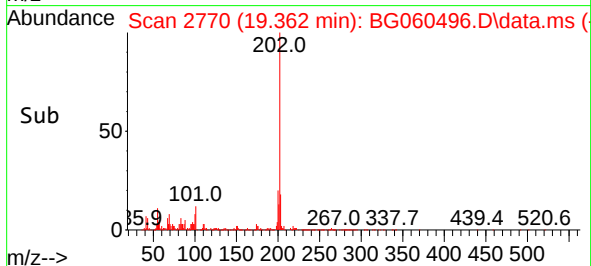
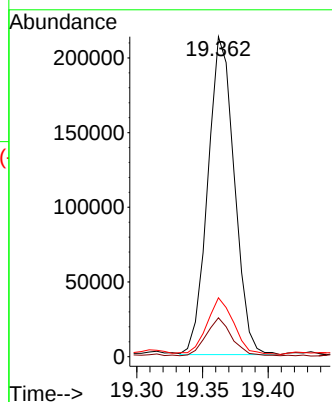
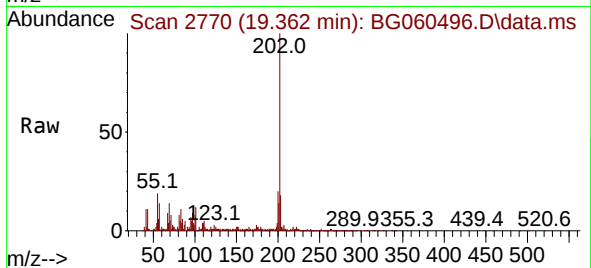
Tgt Ion:202 Resp: 299466

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.4

203 18.4 4.0 44.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BG060496.D

Acq: 30 Jan 2024 23:24

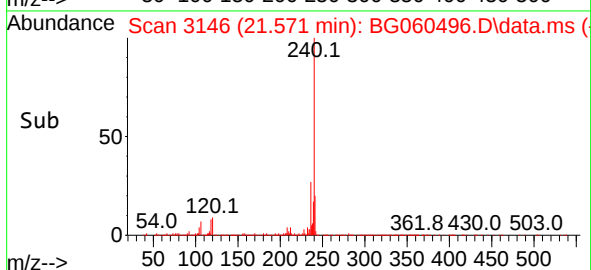
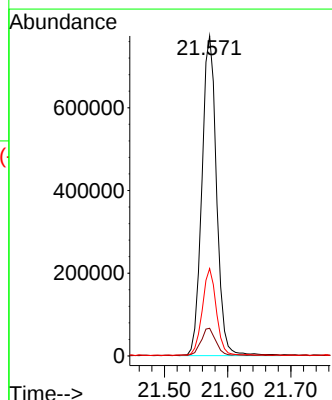
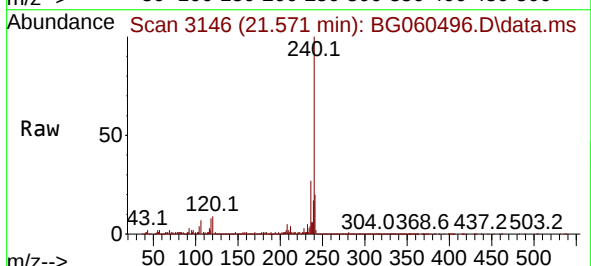
Tgt Ion:240 Resp: 1245639

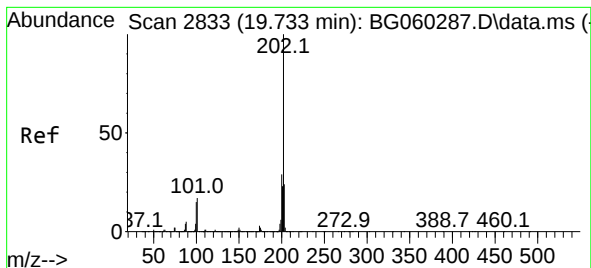
Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 27.3 20.3 30.5





#78

Pyrene

Concen: 3.871 ng

RT: 19.726 min Scan# 2

Delta R.T. -0.007 min

Lab File: BG060496.D

Acq: 30 Jan 2024 23:24

Instrument :

BNA_G

ClientSampleId :

OR-02-012924

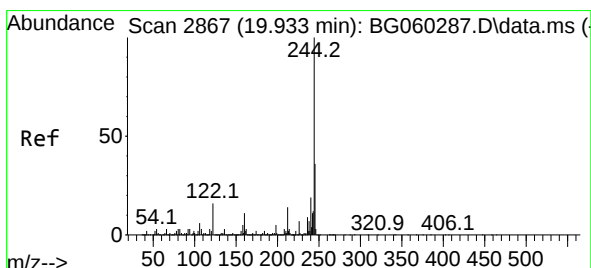
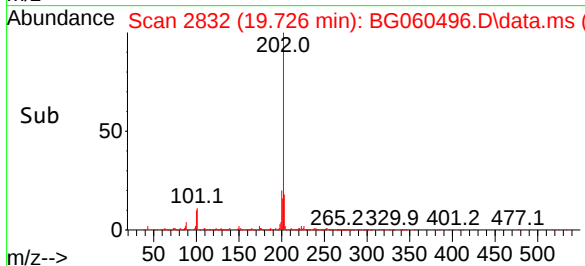
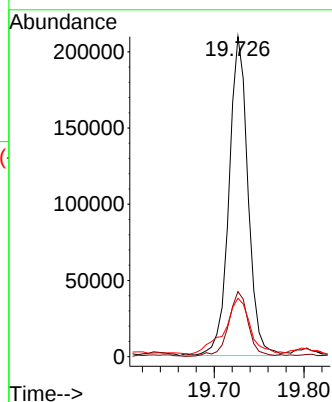
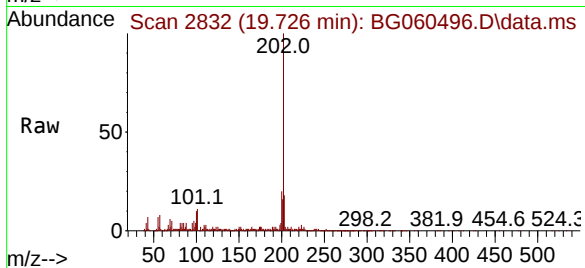
Tgt Ion:202 Resp: 307943

Ion Ratio Lower Upper

202 100

200 20.3 23.5 35.3#

203 18.2 19.6 29.4#



#79

Terphenyl-d14

Concen: 60.700 ng

RT: 19.926 min Scan# 2866

Delta R.T. -0.007 min

Lab File: BG060496.D

Acq: 30 Jan 2024 23:24

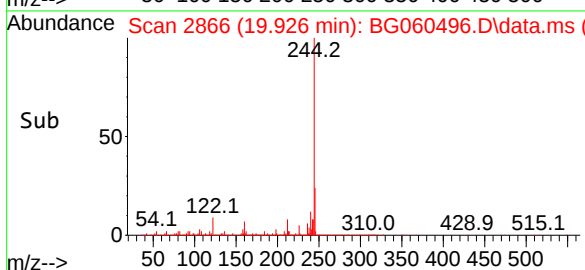
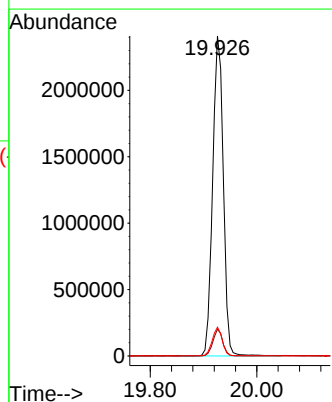
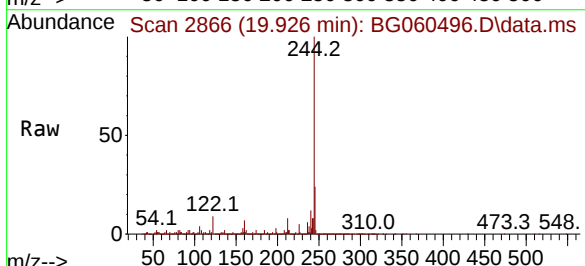
Tgt Ion:244 Resp: 3340626

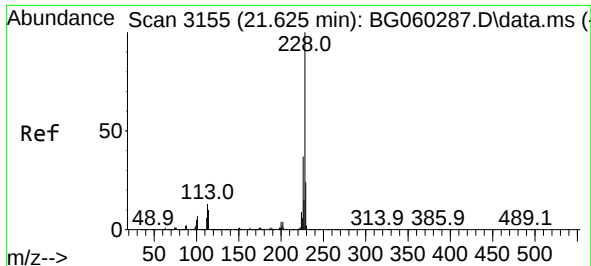
Ion Ratio Lower Upper

244 100

212 8.4 10.9 16.3#

122 9.0 12.6 18.8#





#83

Chrysene

Concen: 2.004 ng

RT: 21.618 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG060496.D

Acq: 30 Jan 2024 23:24

Instrument :

BNA_G

ClientSampleId :

OR-02-012924

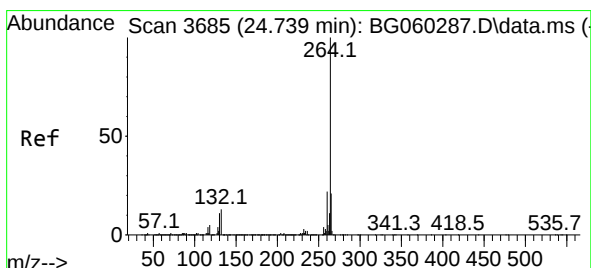
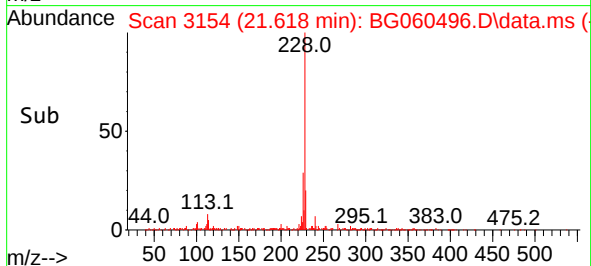
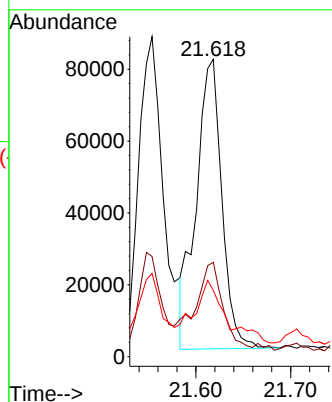
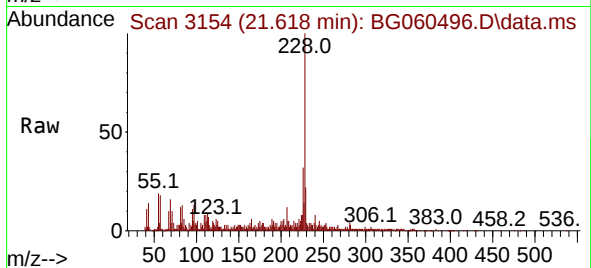
Tgt Ion:228 Resp: 151973

Ion Ratio Lower Upper

228 100

226 31.7 29.4 44.2

229 22.3 19.2 28.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.738 min Scan# 3685

Delta R.T. -0.001 min

Lab File: BG060496.D

Acq: 30 Jan 2024 23:24

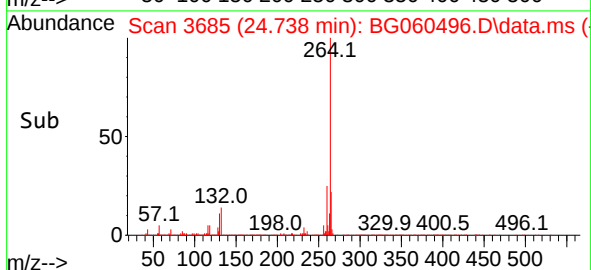
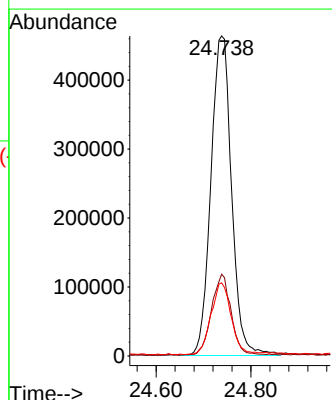
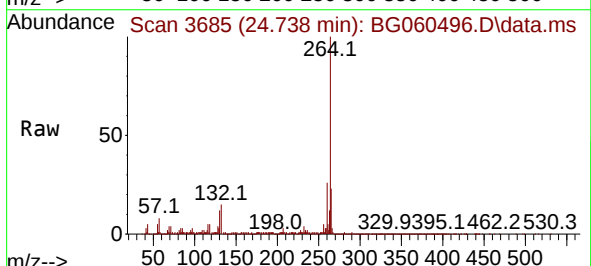
Tgt Ion:264 Resp: 1404131

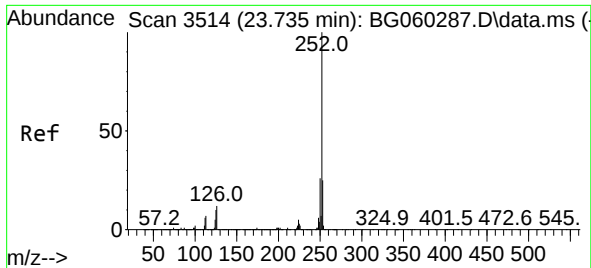
Ion Ratio Lower Upper

264 100

260 25.6 17.8 26.6

265 22.8 16.8 25.2





#88
Benzo(b)fluoranthene
Concen: 2.349 ng
RT: 23.733 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG060496.D
Acq: 30 Jan 2024 23:24

Instrument :
BNA_G
ClientSampleId :
OR-02-012924

Tgt Ion:252 Resp: 194848
Ion Ratio Lower Upper
252 100
253 30.4 20.0 30.0#
125 14.3 8.1 12.1#

