

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060491.D
 Acq On : 30 Jan 2024 20:02
 Operator : MA/JU
 Sample : P1276-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-36

Quant Time: Jan 31 01:24:48 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)

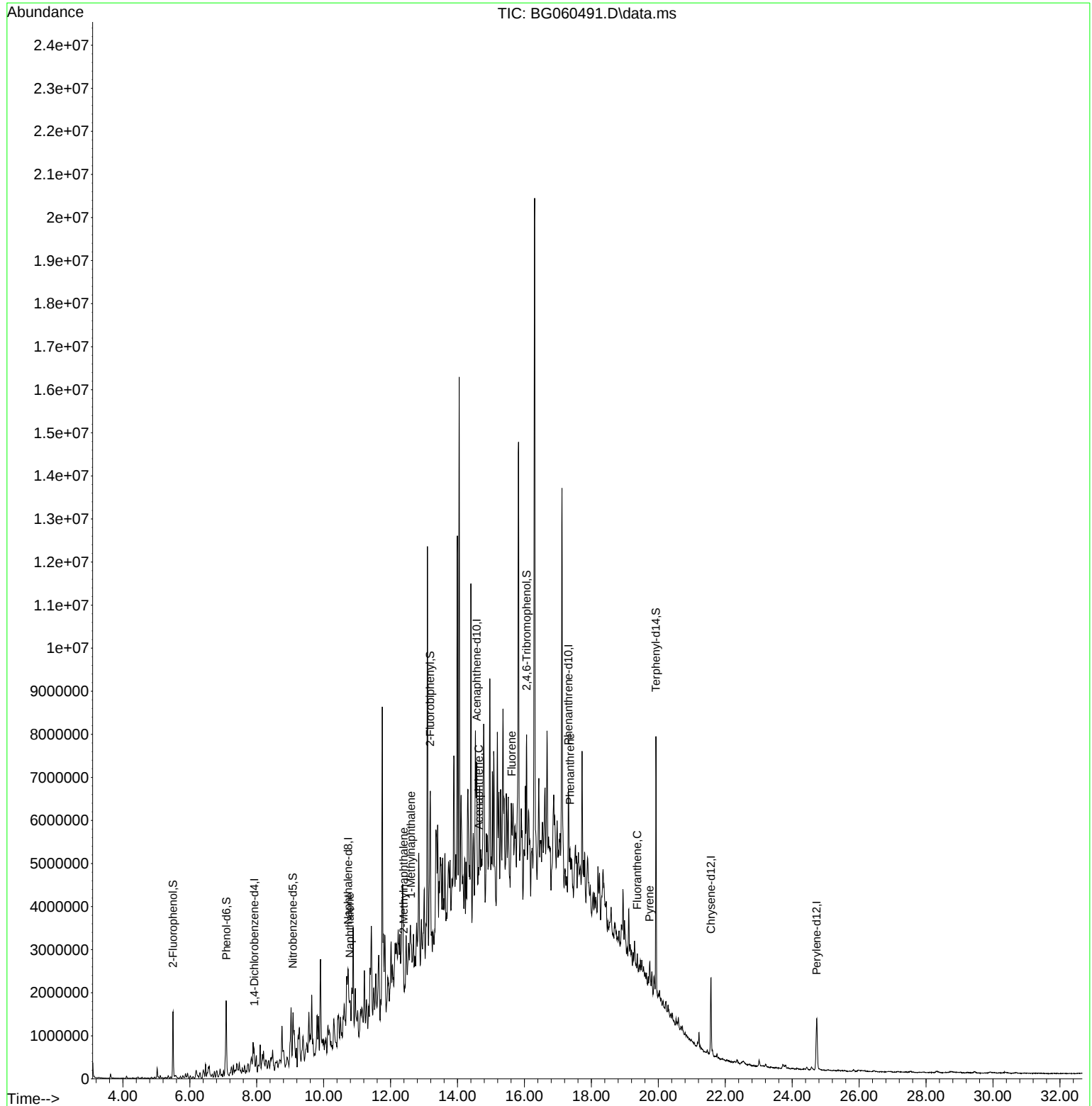
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	167837	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	692338	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	503681	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	1141618	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1128305	20.000	ng	0.00
86) Perylene-d12	24.729	264	1337018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	766962	75.162	ng	0.00
7) Phenol-d6	7.091	99	1149558	76.079	ng	0.00
23) Nitrobenzene-d5	9.083	82	758667	51.744	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	566839	76.490	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	2012490	55.551	ng	0.00
79) Terphenyl-d14	19.929	244	3068259	61.883	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.781	128	103091	2.841	ng	# 71
37) 2-Methylnaphthalene	12.391	142	238910	8.876	ng	# 92
38) 1-Methylnaphthalene	12.608	142	196940	7.286	ng	# 99
52) Acenaphthene	14.635	154	89751	3.214	ng	# 77
58) Fluorene	15.616	166	178715	4.629	ng	# 72
71) Phenanthrene	17.361	178	362566	6.571	ng	# 90
75) Fluoranthene	19.371	202	185376	2.797	ng	95
78) Pyrene	19.735	202	221618	3.076	ng	# 93

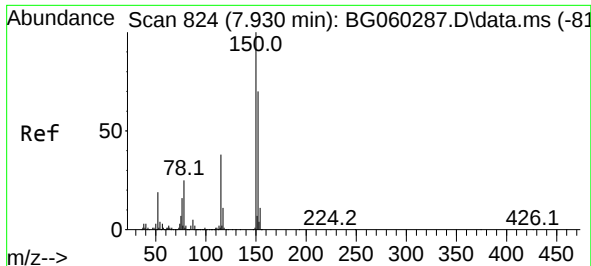
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
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Misc :
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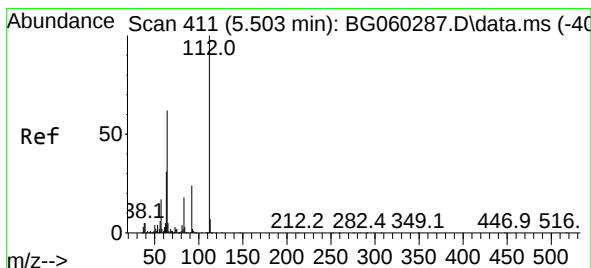
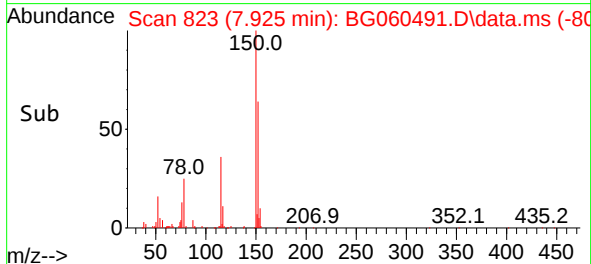
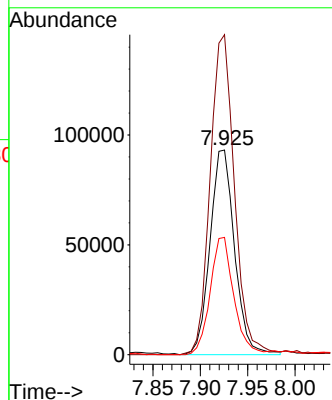
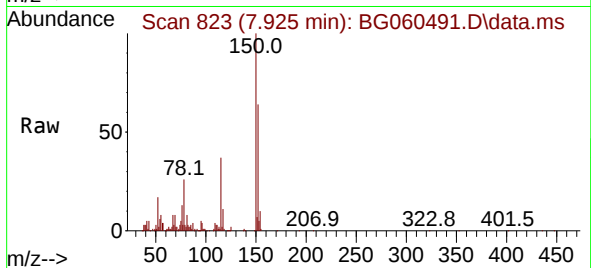




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

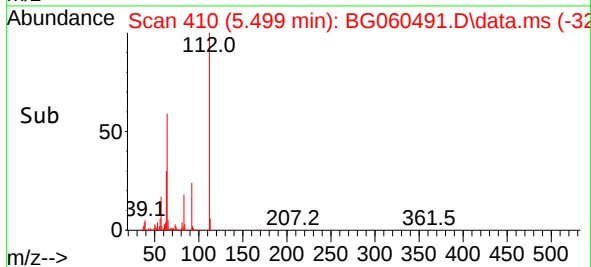
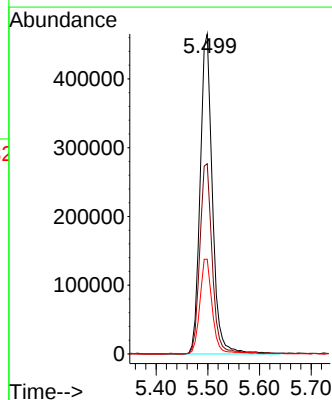
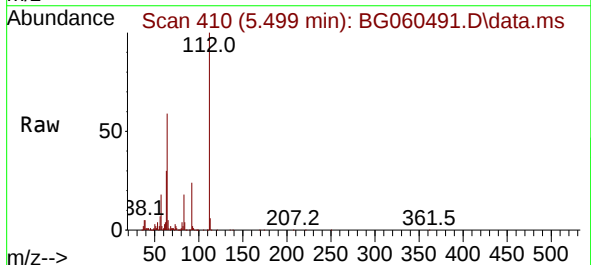
Instrument :
BNA_G
ClientSampleId :
TP-36

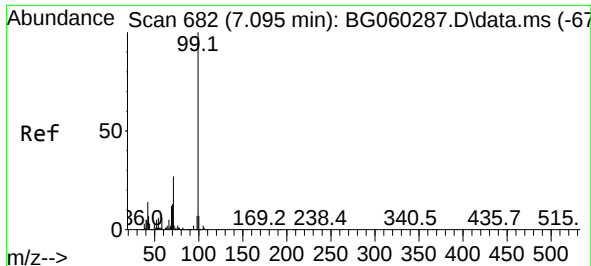
Tgt Ion:152 Resp: 167837
Ion Ratio Lower Upper
152 100
150 156.3 114.5 171.7
115 57.3 43.0 64.6



#5
2-Fluorophenol
Concen: 75.162 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

Tgt Ion:112 Resp: 766962
Ion Ratio Lower Upper
112 100
64 59.5 49.8 74.6
63 29.6 24.4 36.6

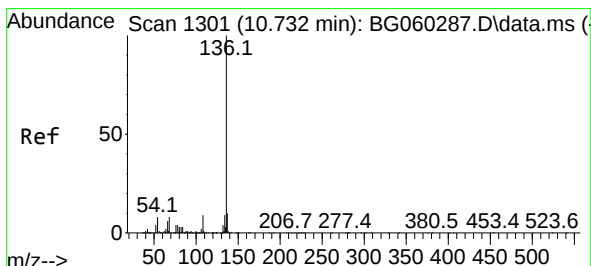
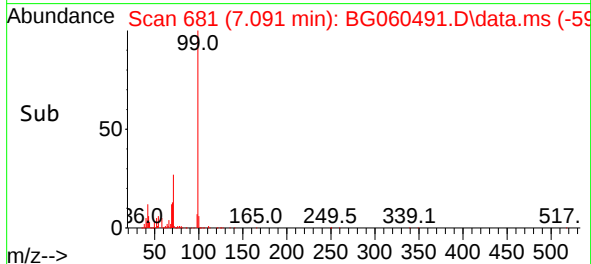
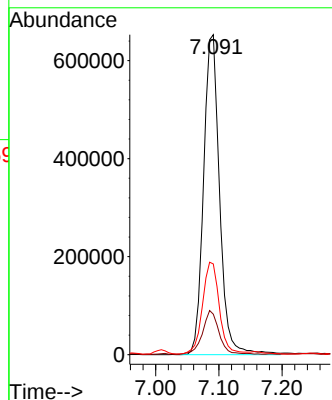
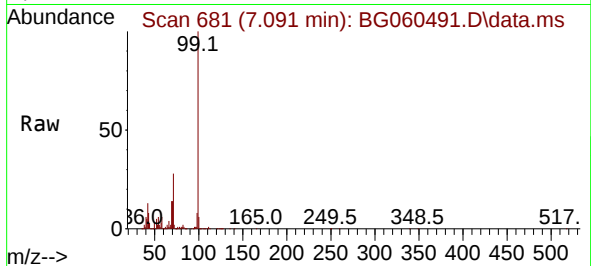




#7
Phenol-d6
Concen: 76.079 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

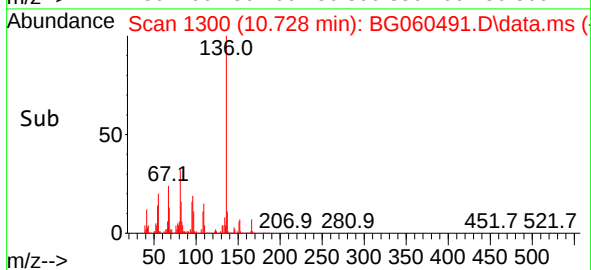
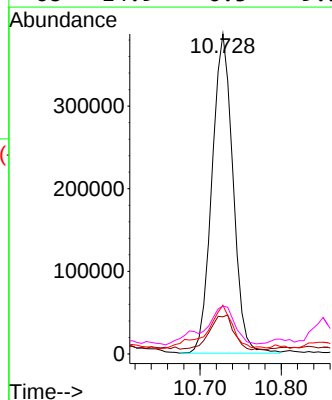
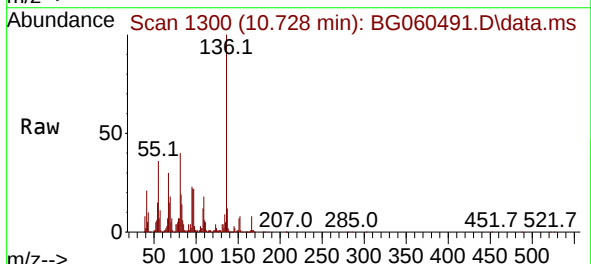
Instrument :
BNA_G
ClientSampleId :
TP-36

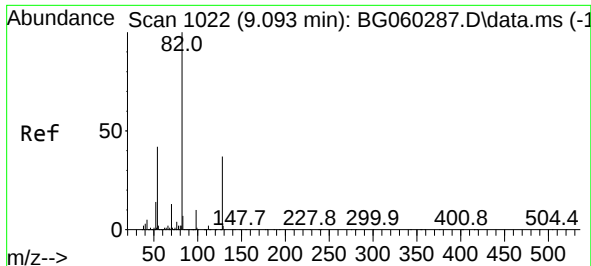
Tgt Ion: 99 Resp: 1149558
Ion Ratio Lower Upper
99 100
42 12.6 10.9 16.3
71 28.3 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1300
Delta R.T. -0.004 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

Tgt Ion: 136 Resp: 692338
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.4
54 15.2 6.2 9.2#
68 14.9 6.3 9.5#

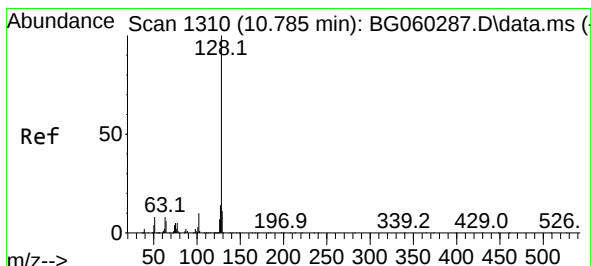
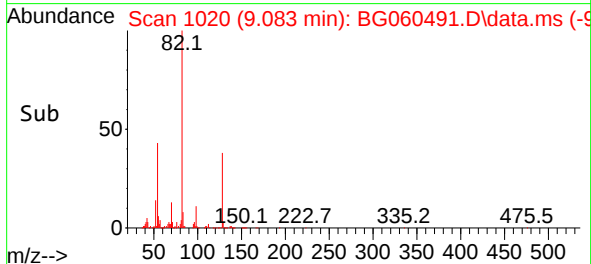
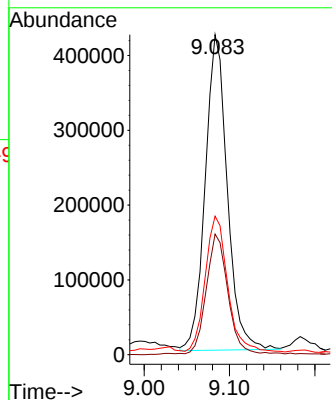
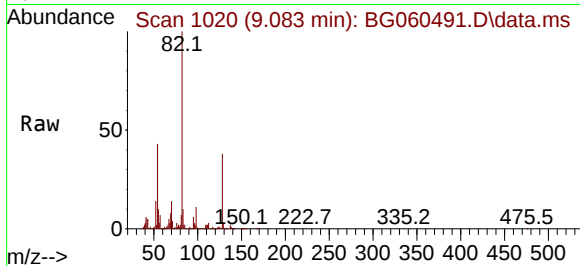




#23
Nitrobenzene-d5
Concen: 51.744 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

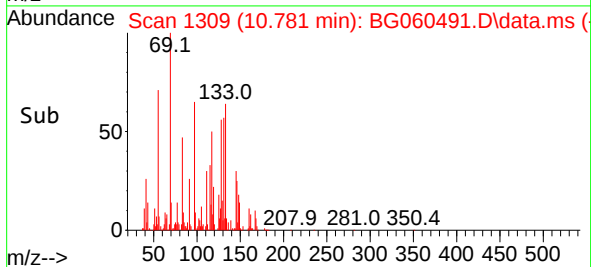
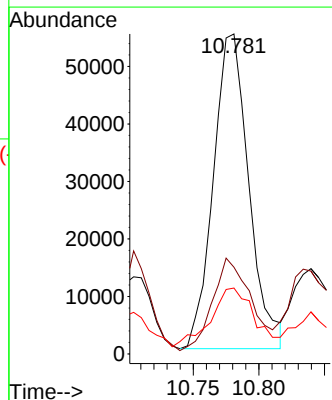
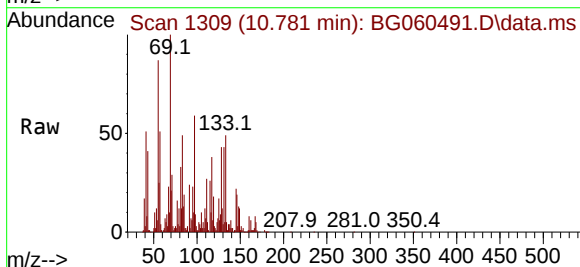
Instrument :
BNA_G
ClientSampleId :
TP-36

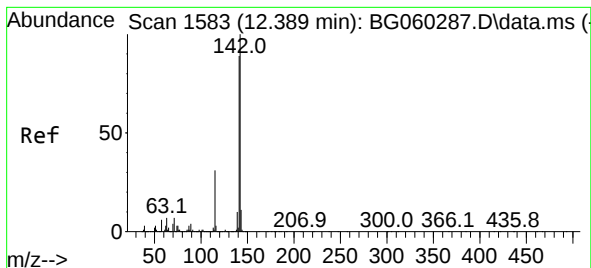
Tgt Ion: 82 Resp: 758667
Ion Ratio Lower Upper
82 100
128 37.7 29.6 44.4
54 43.3 33.6 50.4



#31
Naphthalene
Concen: 2.841 ng
RT: 10.781 min Scan# 1309
Delta R.T. -0.004 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

Tgt Ion:128 Resp: 103091
Ion Ratio Lower Upper
128 100
129 27.1 8.9 13.3#
127 20.6 10.9 16.3#





#37

2-Methylnaphthalene

Concen: 8.876 ng

RT: 12.391 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG060491.D

Acq: 30 Jan 2024 20:02

Instrument :

BNA_G

ClientSampleId :

TP-36

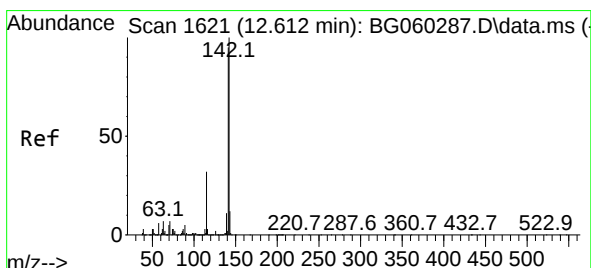
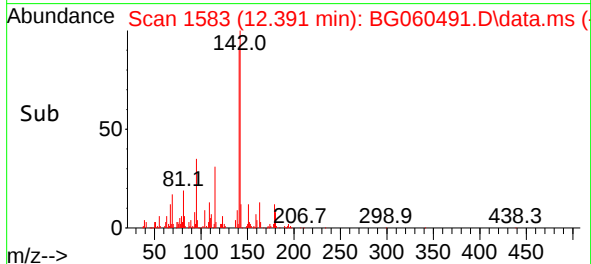
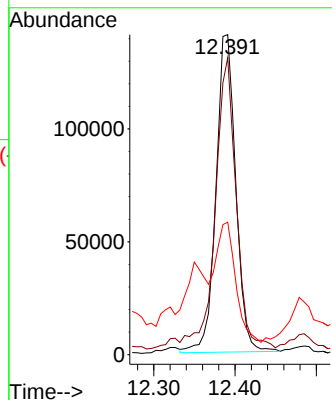
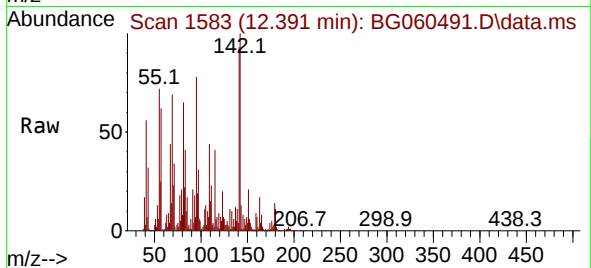
Tgt Ion:142 Resp: 238910

Ion Ratio Lower Upper

142 100

141 92.8 71.0 106.4

115 41.4 24.7 37.1#



#38

1-Methylnaphthalene

Concen: 7.286 ng

RT: 12.608 min Scan# 1620

Delta R.T. -0.004 min

Lab File: BG060491.D

Acq: 30 Jan 2024 20:02

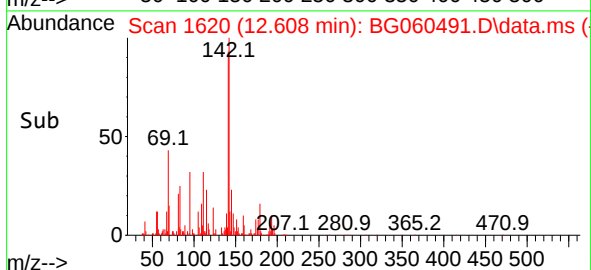
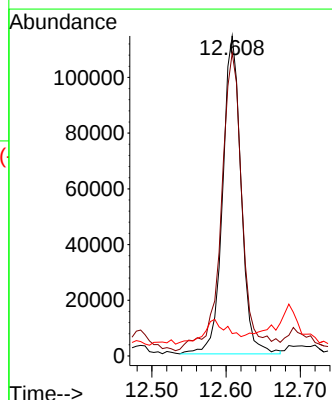
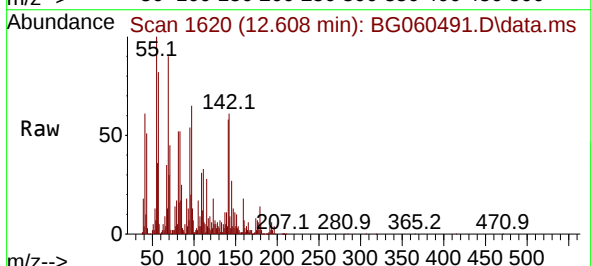
Tgt Ion:142 Resp: 196940

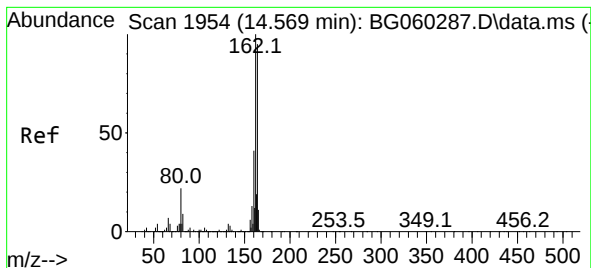
Ion Ratio Lower Upper

142 100

141 94.7 76.2 114.2

116 7.0 2.6 3.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1954

Delta R.T. 0.002 min

Lab File: BG060491.D

Acq: 30 Jan 2024 20:02

Instrument :

BNA_G

ClientSampleId :

TP-36

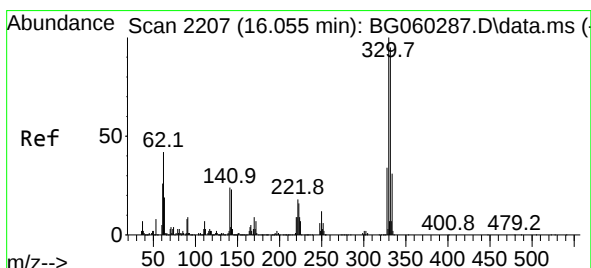
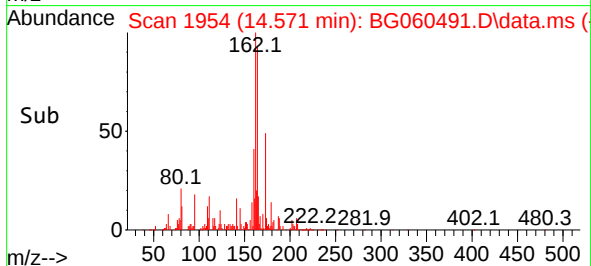
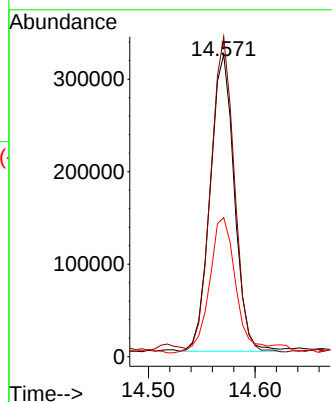
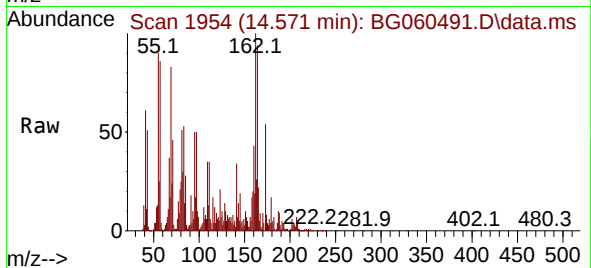
Tgt Ion:164 Resp: 503681

Ion Ratio Lower Upper

164 100

162 105.9 84.4 126.6

160 46.0 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 76.490 ng

RT: 16.063 min Scan# 2208

Delta R.T. 0.008 min

Lab File: BG060491.D

Acq: 30 Jan 2024 20:02

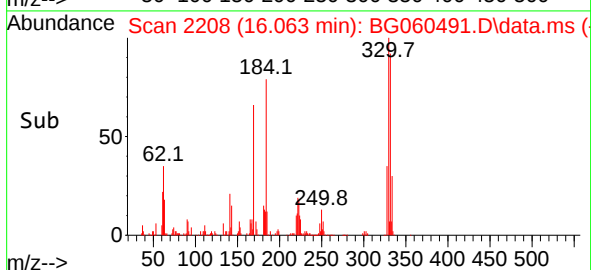
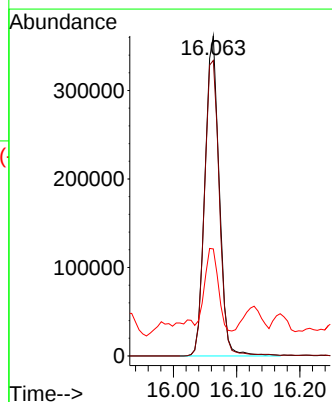
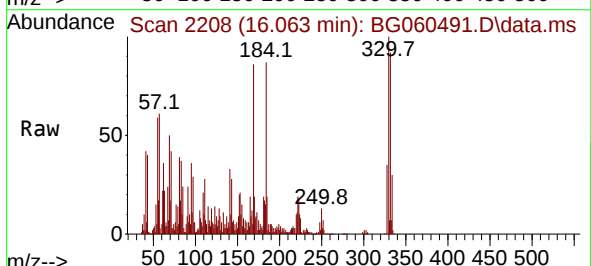
Tgt Ion:330 Resp: 566839

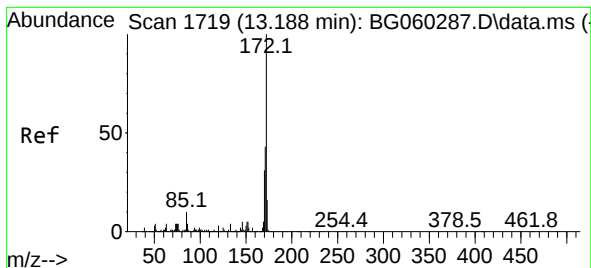
Ion Ratio Lower Upper

330 100

332 96.1 76.7 115.1

141 24.6 18.6 28.0

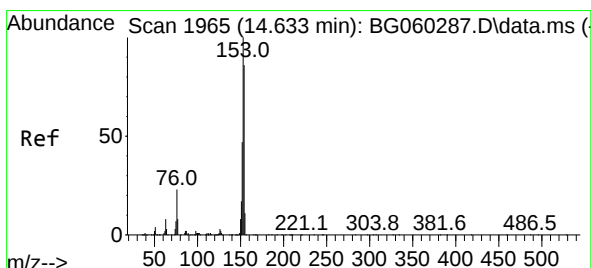
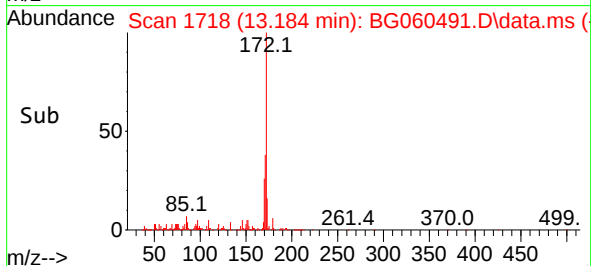
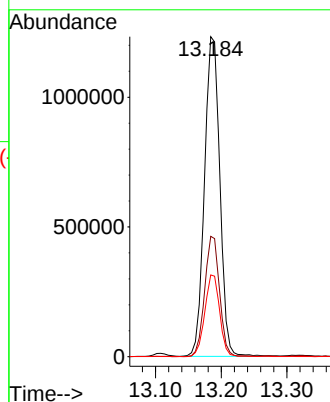
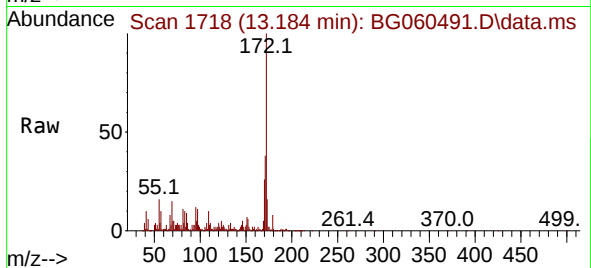




#45
2-Fluorobiphenyl
Concen: 55.551 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

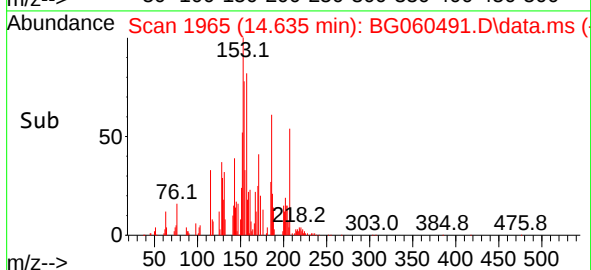
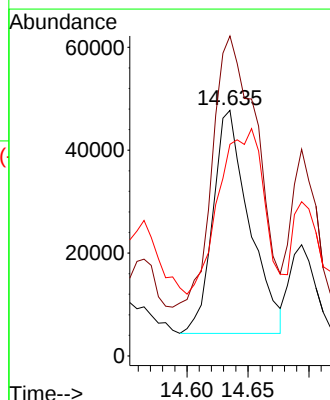
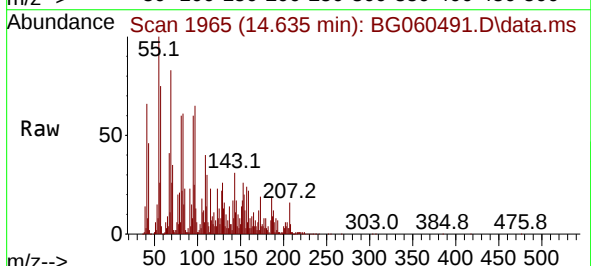
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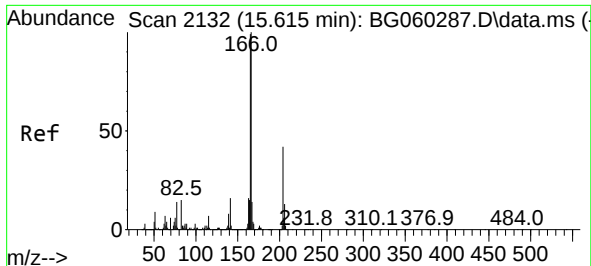
Tgt Ion:172 Resp: 2012490
Ion Ratio Lower Upper
172 100
171 37.6 34.6 51.8
170 25.5 24.4 36.6



#52
Acenaphthene
Concen: 3.214 ng
RT: 14.635 min Scan# 1965
Delta R.T. 0.002 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

Tgt Ion:154 Resp: 89751
Ion Ratio Lower Upper
154 100
153 130.3 92.6 138.8
152 86.2 43.8 65.8#

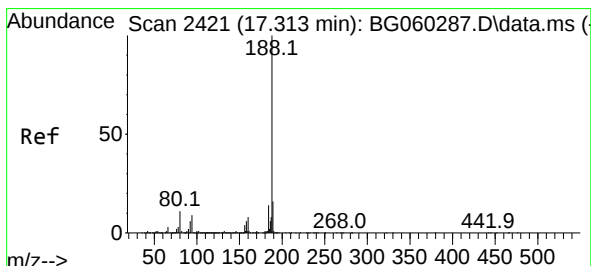
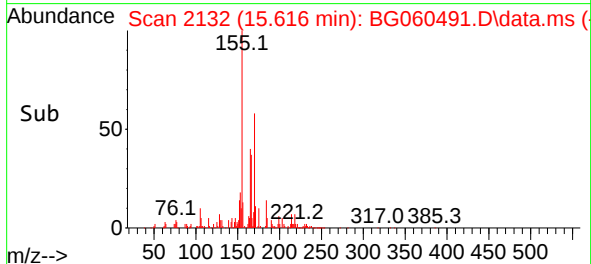
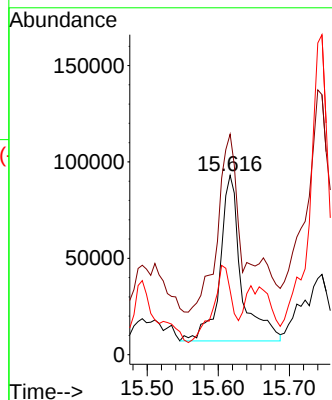
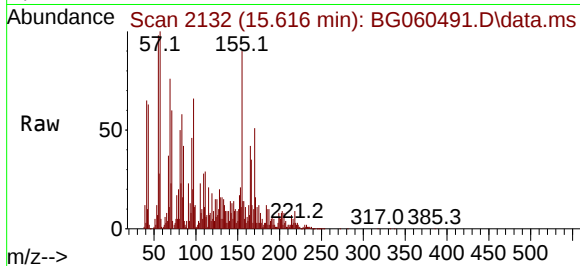




#58
 Fluorene
 Concen: 4.629 ng
 RT: 15.616 min Scan# 2132
 Delta R.T. 0.002 min
 Lab File: BG060491.D
 Acq: 30 Jan 2024 20:02

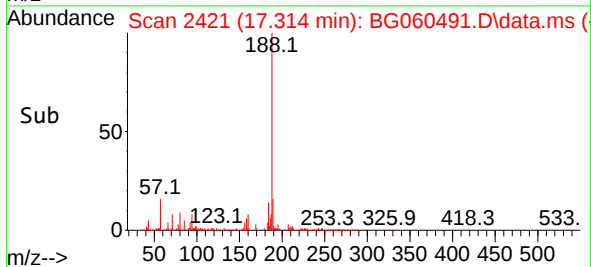
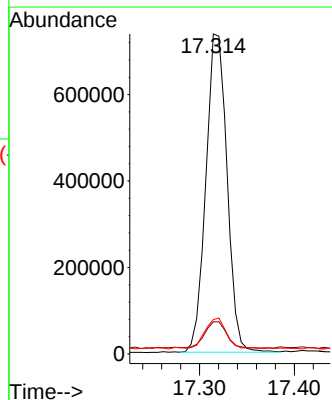
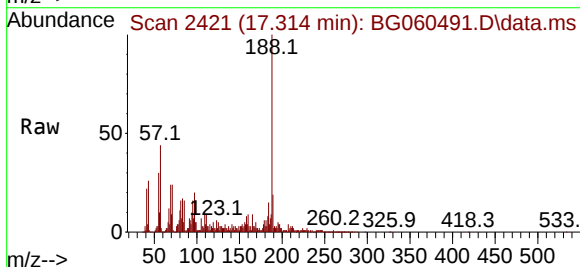
Instrument :
 BNA_G
 ClientSampleId :
 TP-36

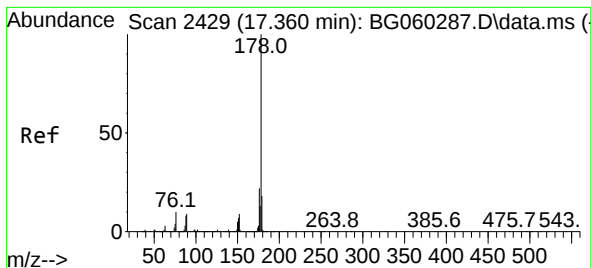
Tgt Ion:166 Resp: 178715
 Ion Ratio Lower Upper
 166 100
 165 122.9 79.0 118.6#
 167 35.8 11.4 17.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.314 min Scan# 2421
 Delta R.T. 0.002 min
 Lab File: BG060491.D
 Acq: 30 Jan 2024 20:02

Tgt Ion:188 Resp: 1141618
 Ion Ratio Lower Upper
 188 100
 94 10.1 7.1 10.7
 80 10.8 8.5 12.7





#71

Phenanthrene

Concen: 6.571 ng

RT: 17.361 min Scan# 2429

Delta R.T. 0.002 min

Lab File: BG060491.D

Acq: 30 Jan 2024 20:02

Instrument :

BNA_G

ClientSampleId :

TP-36

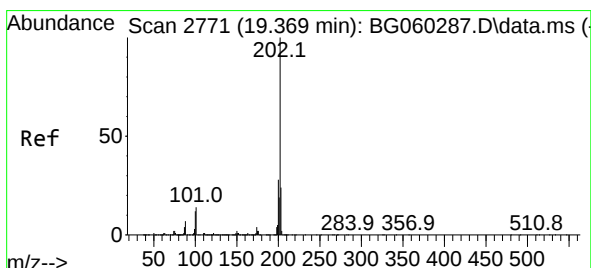
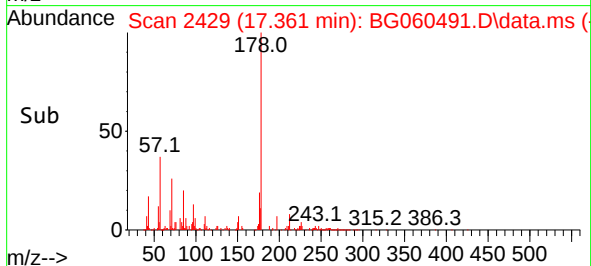
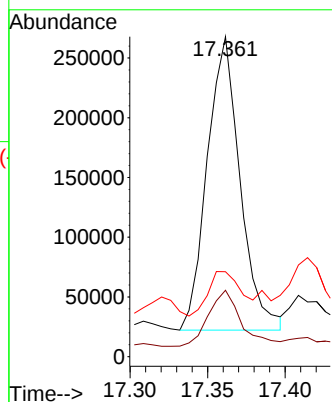
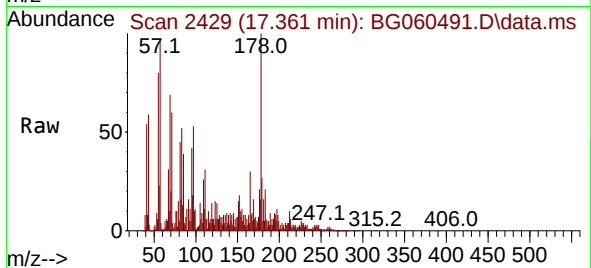
Tgt Ion:178 Resp: 362566

Ion Ratio Lower Upper

178 100

176 20.8 17.4 26.2

179 26.6 14.7 22.1#



#75

Fluoranthene

Concen: 2.797 ng

RT: 19.371 min Scan# 2771

Delta R.T. 0.002 min

Lab File: BG060491.D

Acq: 30 Jan 2024 20:02

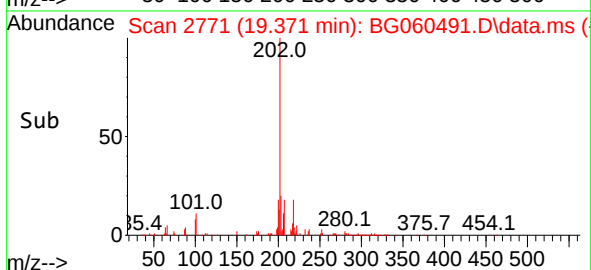
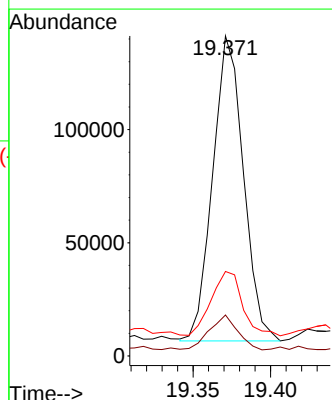
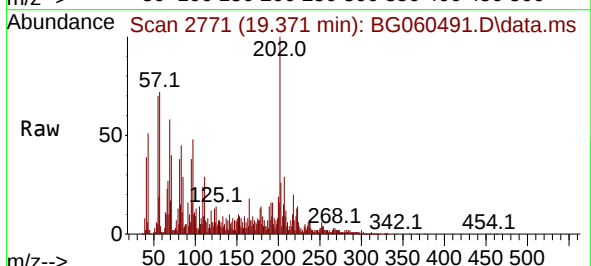
Tgt Ion:202 Resp: 185376

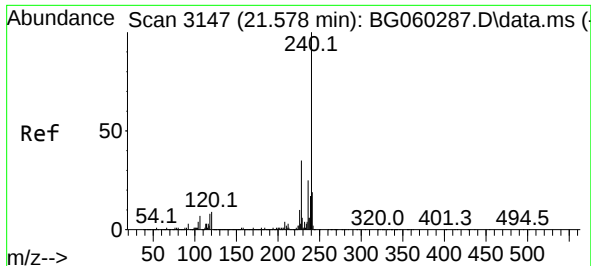
Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.4

203 26.4 4.0 44.0

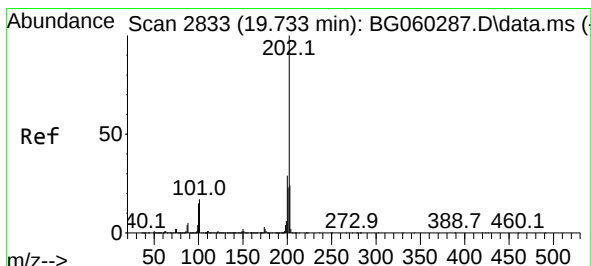
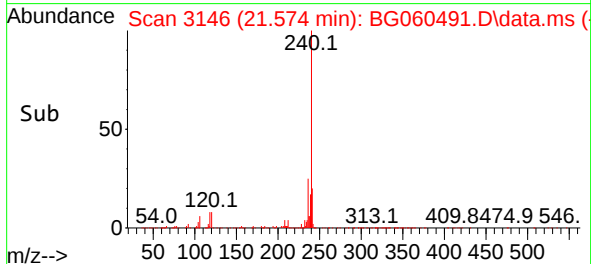
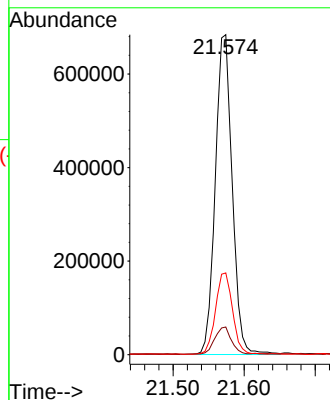
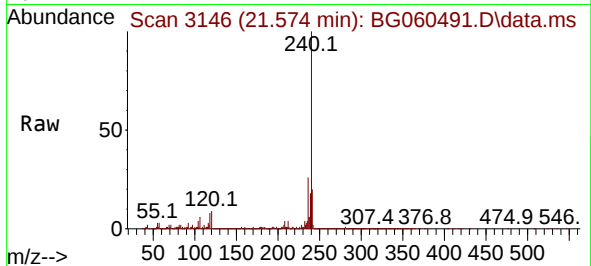




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

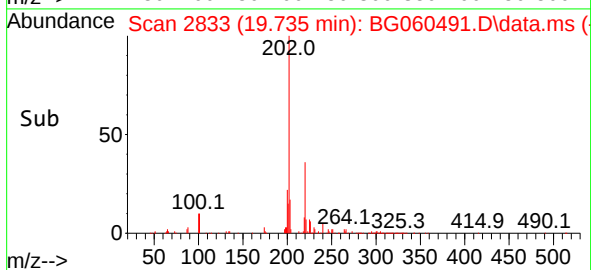
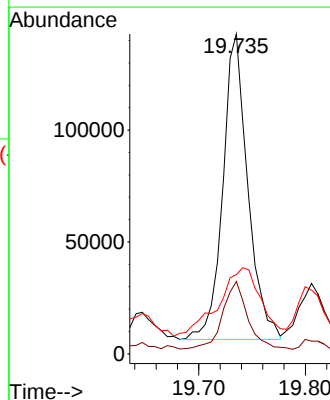
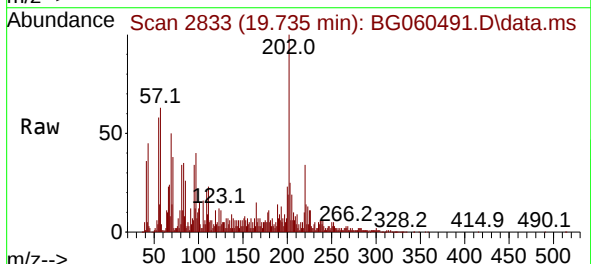
Instrument :
BNA_G
ClientSampleId :
TP-36

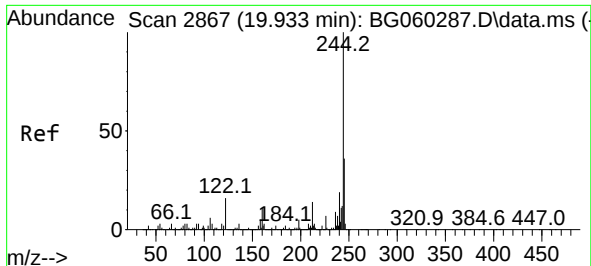
Tgt Ion:240 Resp: 1128305
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.5 20.3 30.5



#78
Pyrene
Concen: 3.076 ng
RT: 19.735 min Scan# 2833
Delta R.T. 0.002 min
Lab File: BG060491.D
Acq: 30 Jan 2024 20:02

Tgt Ion:202 Resp: 221618
Ion Ratio Lower Upper
202 100
200 22.7 23.5 35.3#
203 24.8 19.6 29.4





#79

Terphenyl-d14

Concen: 61.883 ng

RT: 19.929 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG060491.D

Acq: 30 Jan 2024 20:02

Instrument :

BNA_G

ClientSampleId :

TP-36

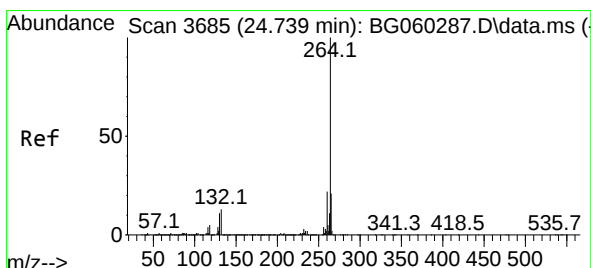
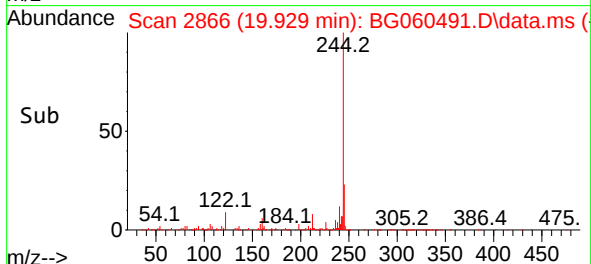
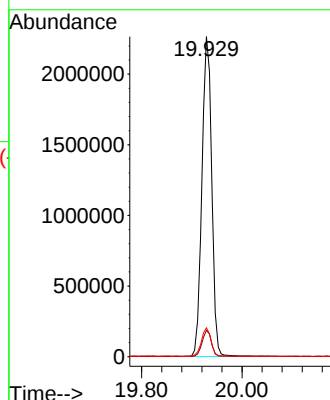
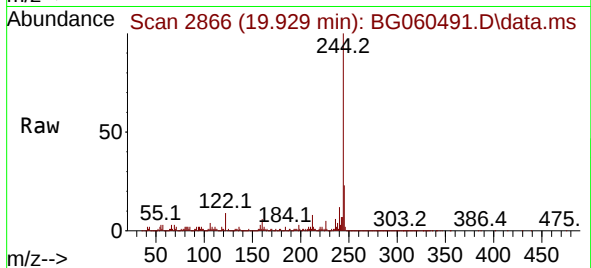
Tgt Ion:244 Resp: 3068259

Ion Ratio Lower Upper

244 100

212 8.3 10.9 16.3#

122 9.0 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.729 min Scan# 3683

Delta R.T. -0.010 min

Lab File: BG060491.D

Acq: 30 Jan 2024 20:02

Tgt Ion:264 Resp: 1337018

Ion Ratio Lower Upper

264 100

260 23.8 17.8 26.6

265 20.6 16.8 25.2

