

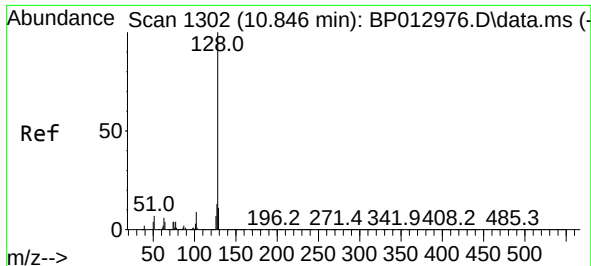
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013002.D
 Acq On : 09 Dec 2022 01:39
 Operator : CG/JU
 Sample : N5832-06DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 04:07:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	708058	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3141685	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	2095116	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4660606	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3863760	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3498687	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	14105	0.852	ng/uL	0.00
4) Pyridine-d5	3.793	84	95438	2.029	ng/u1	0.00
7) Phenol-d5	7.128	99	266985	4.629	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	170268	4.894	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	214204	4.718	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	225202	4.766	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	96344	4.174	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	101935	3.923	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	243126	4.817	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	171260	2.403	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	828083	5.143	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	853890	4.826	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	65000	2.244	ng/u1	0.00
60) Fluorene-d10	15.604	176	763849	5.607	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	76820	2.561	ng/u1	-0.01
73) Anthracene-d10	17.469	188	1184294	5.632	ng/u1	0.00
81) Pyrene-d10	19.698	212	1363700	6.149	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	977838	5.607	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	317049	1.930	ng/u1	99
50) Acenaphthylene	14.334	152	363843	1.913	ng/u1	99
52) Acenaphthene	14.675	153	149239	1.132	ng/u1	98
56) Dibenzofuran	15.010	168	332794	1.776	ng/u1	99
61) Fluorene	15.663	166	222665	1.481	ng/u1	96
72) Phenanthrene	17.410	178	2099198	8.647	ng/u1	99
74) Anthracene	17.504	178	13321132	54.958	ng/u1	94
77) Carbazole	17.769	167	1928873	9.449	ng/u1	99
80) Fluoranthene	19.375	202	5138500	20.414	ng/u1	99
82) Pyrene	19.728	202	6129303	23.605	ng/u1	99
85) Benzo(a)anthracene	21.439	228	3320954	12.947	ng/u1	99
87) Chrysene	21.492	228	5442228	22.436	ng/u1	99
90) Benzo(b)fluoranthene	23.186	252	7793059	34.930	ng/u1	97
91) Benzo(k)fluoranthene	23.186	252	7793059	35.226	ng/u1	97
93) Benzo(a)pyrene	23.833	252	3042270	15.661	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.545	276	2069763	8.554	ng/u1	97
95) Dibenzo(a,h)anthracene	26.551	278	524798	2.619	ng/u1#	85
96) Benzo(g,h,i)perylene	27.351	276	1545112	7.954	ng/u1	100

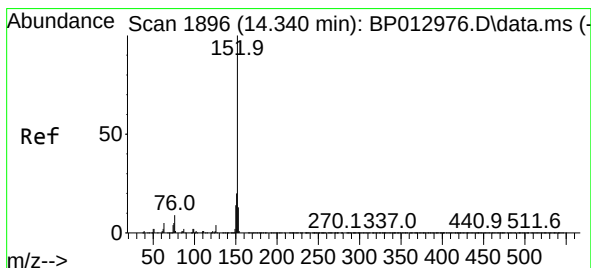
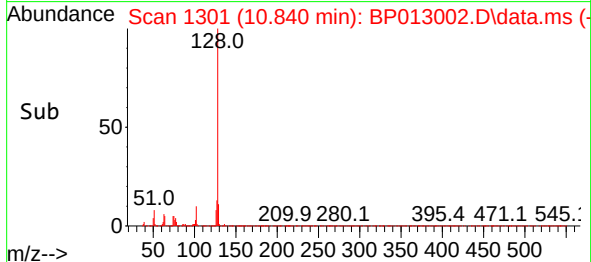
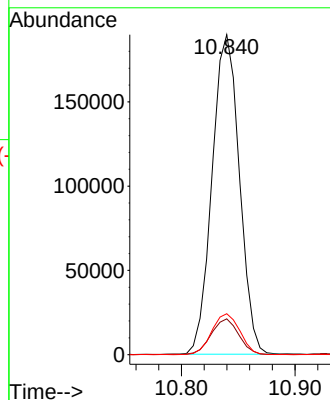
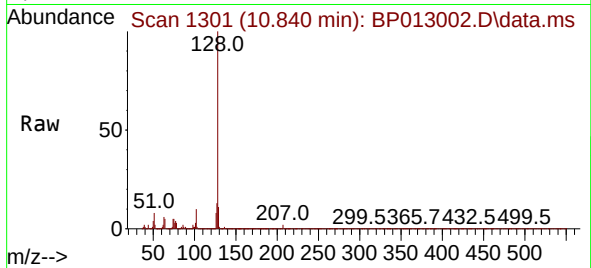
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#30
Naphthalene
Concen: 1.930 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013002.D
Acq: 09 Dec 2022 01:39

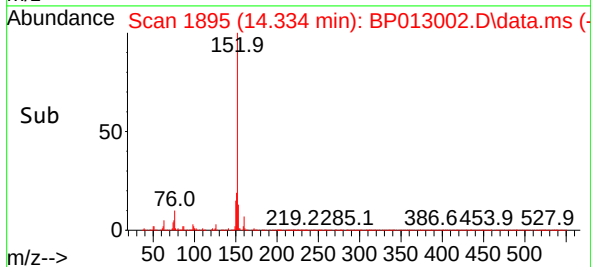
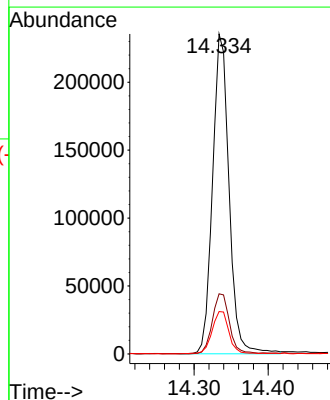
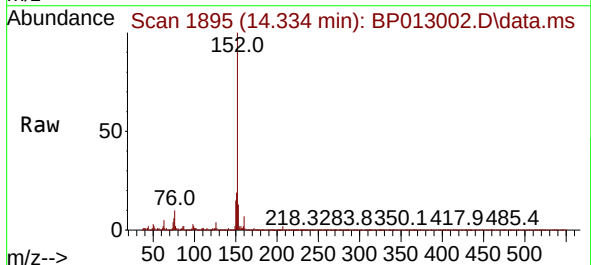
Instrument :
BNA_P
ClientSampleId :

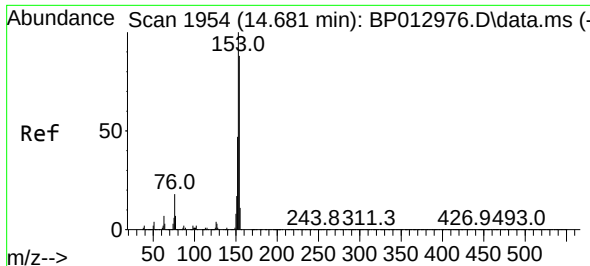
Tgt Ion:128 Resp: 317049
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.8 10.4 15.6



#50
Acenaphthylene
Concen: 1.913 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013002.D
Acq: 09 Dec 2022 01:39

Tgt Ion:152 Resp: 363843
Ion Ratio Lower Upper
152 100
151 18.8 15.8 23.6
153 13.3 10.6 16.0

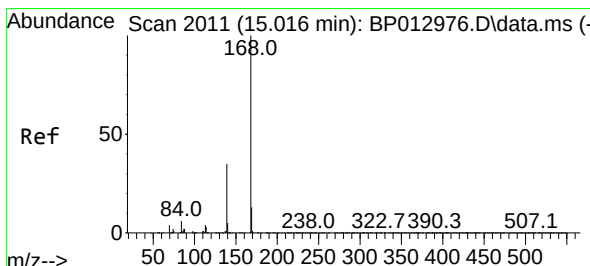
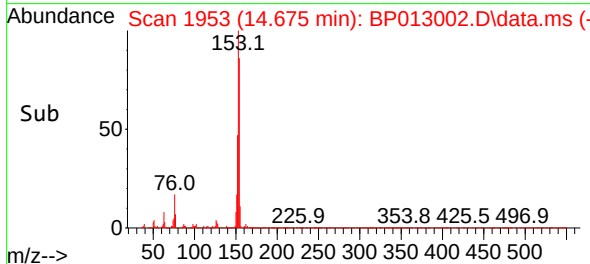
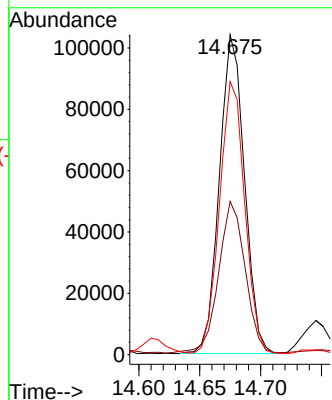
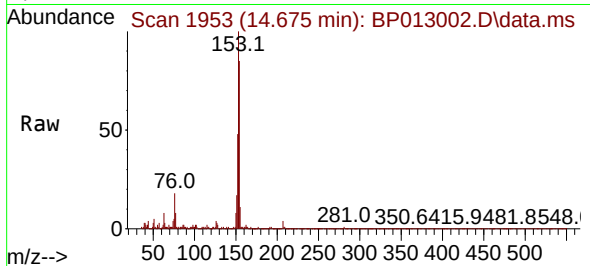




#52
Acenaphthene
Concen: 1.132 ng/ul
RT: 14.675 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP013002.D
Acq: 09 Dec 2022 01:39

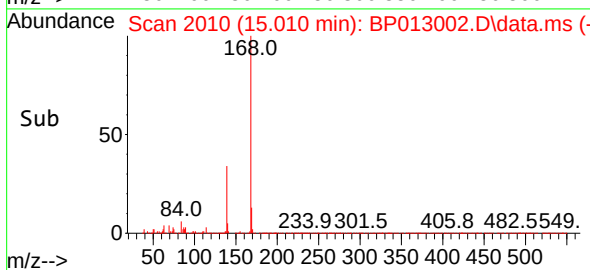
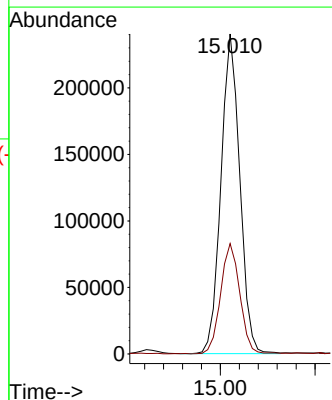
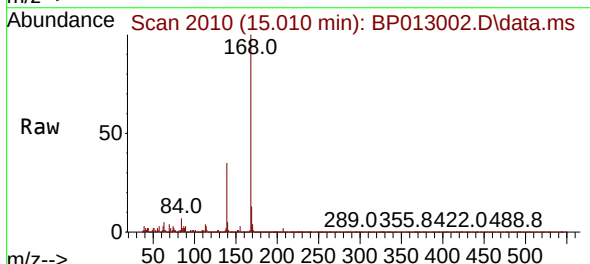
Instrument :
BNA_P
ClientSampleId :

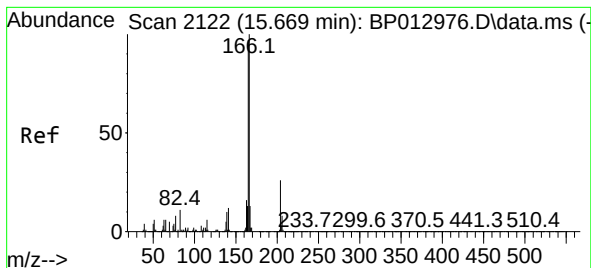
Tgt Ion:153 Resp: 149239
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.4
154 85.4 70.8 106.2



#56
Dibenzofuran
Concen: 1.776 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP013002.D
Acq: 09 Dec 2022 01:39

Tgt Ion:168 Resp: 332794
Ion Ratio Lower Upper
168 100
139 34.5 27.9 41.9





#61

Fluorene

Concen: 1.481 ng/ul

RT: 15.663 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BP013002.D

Acq: 09 Dec 2022 01:39

Instrument :

BNA_P

ClientSampleId :

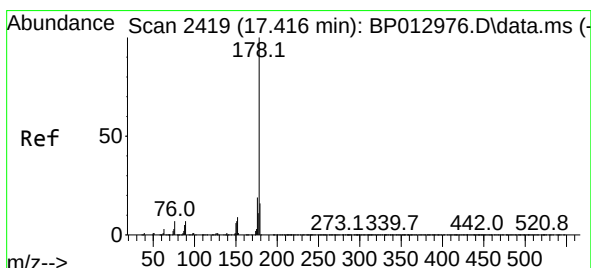
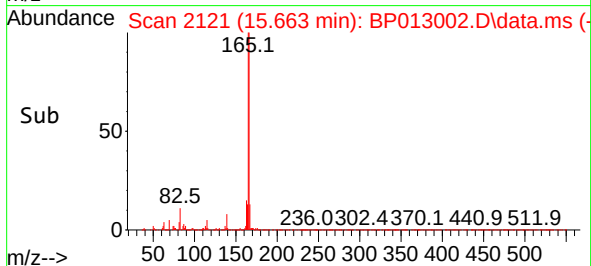
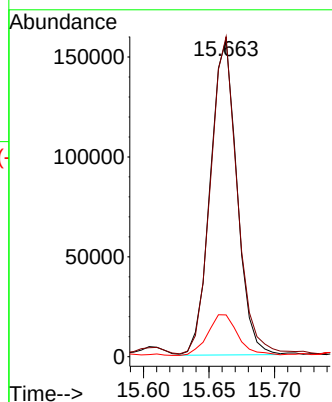
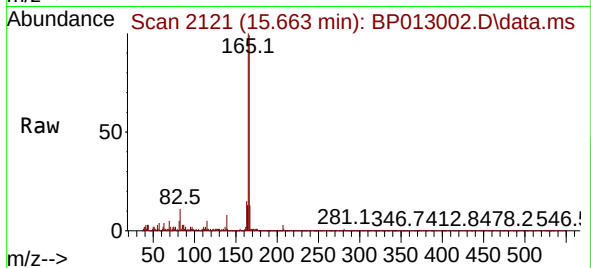
Tgt Ion:166 Resp: 222665

Ion Ratio Lower Upper

166 100

165 100.8 77.4 116.2

167 13.2 10.6 16.0



#72

Phenanthrene

Concen: 8.647 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP013002.D

Acq: 09 Dec 2022 01:39

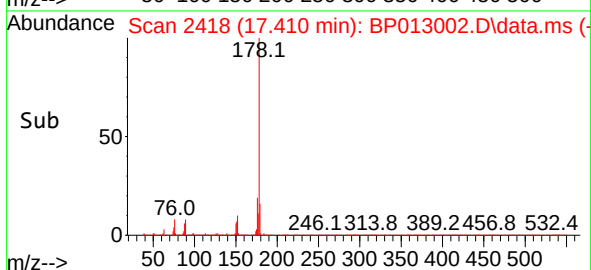
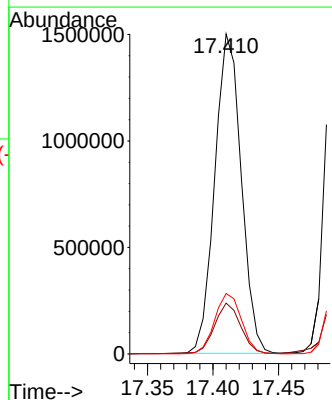
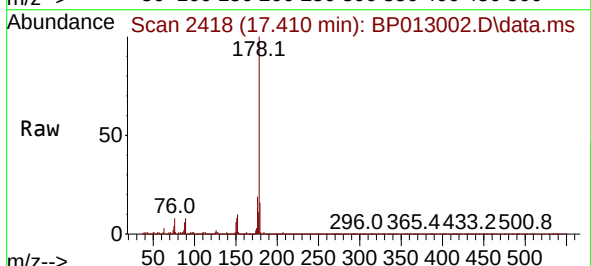
Tgt Ion:178 Resp: 2099198

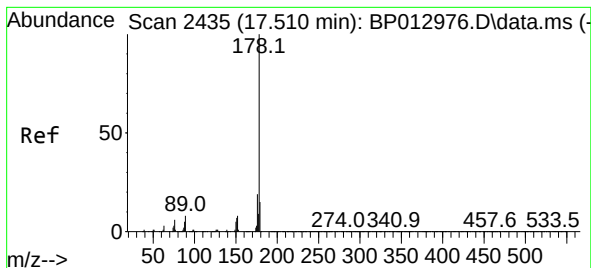
Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 18.9 15.4 23.0





#74

Anthracene

Concen: 54.958 ng/ul

RT: 17.504 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP013002.D

Acq: 09 Dec 2022 01:39

Instrument :

BNA_P

ClientSampleId :

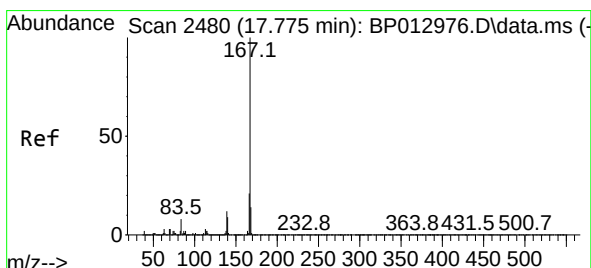
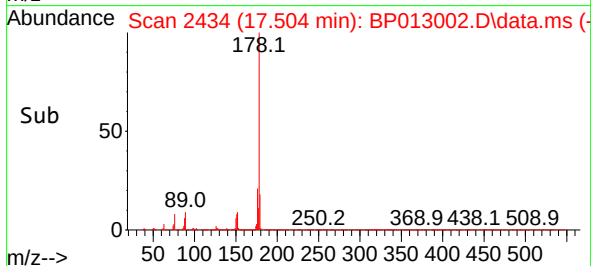
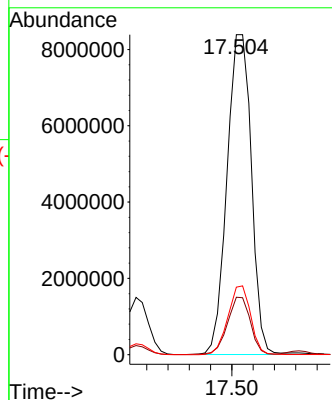
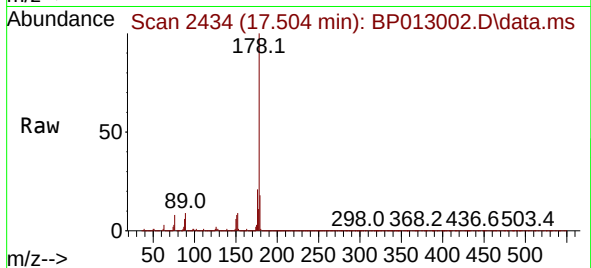
Tgt Ion:178 Resp:13321132

Ion Ratio Lower Upper

178 100

179 18.0 12.5 18.7

176 21.1 14.8 22.2



#77

Carbazole

Concen: 9.449 ng/ul

RT: 17.769 min Scan# 2479

Delta R.T. -0.006 min

Lab File: BP013002.D

Acq: 09 Dec 2022 01:39

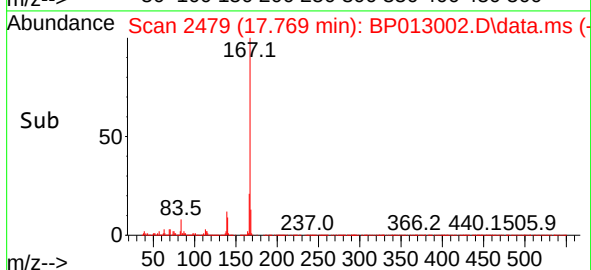
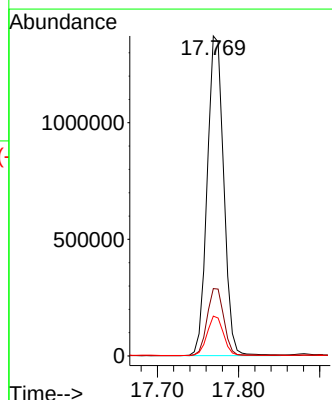
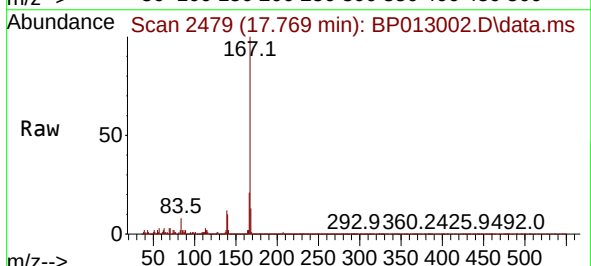
Tgt Ion:167 Resp: 1928873

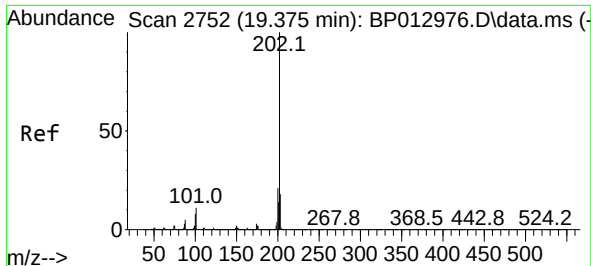
Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

139 12.4 9.4 14.2

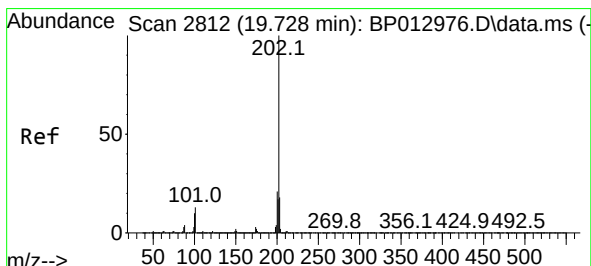
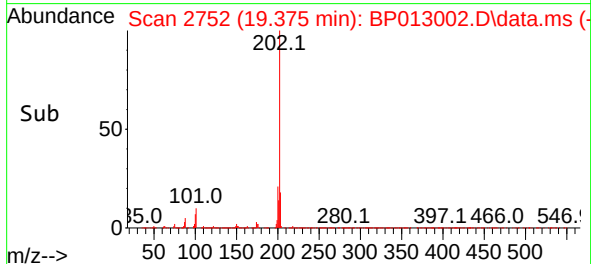
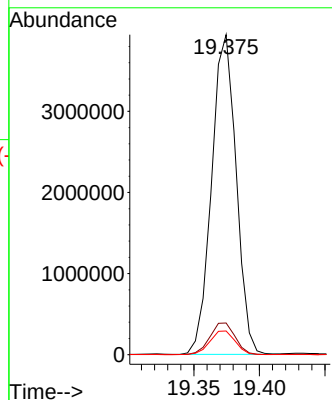
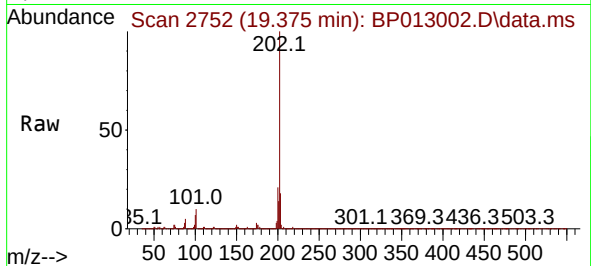




#80
Fluoranthene
Concen: 20.414 ng/ul
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013002.D
Acq: 09 Dec 2022 01:39

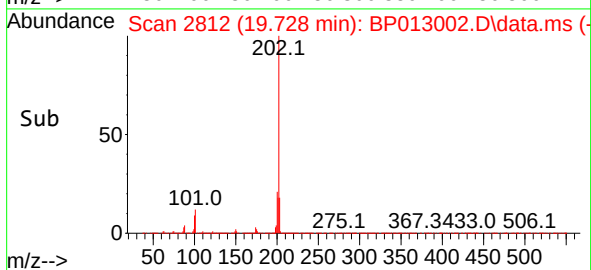
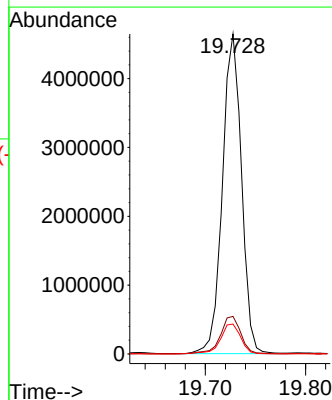
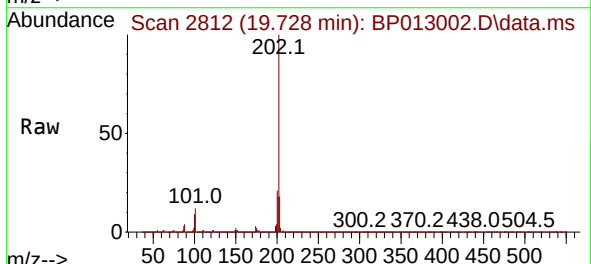
Instrument :
BNA_P
ClientSampleId :

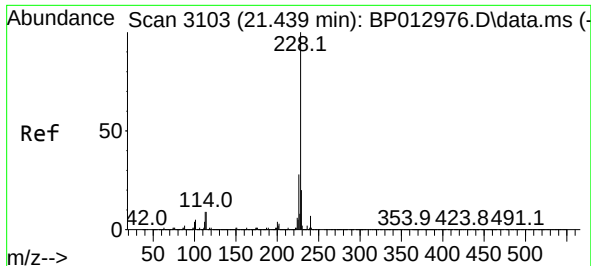
Tgt Ion:202 Resp: 5138500
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.2
100 7.4 6.1 9.1



#82
Pyrene
Concen: 23.605 ng/ul
RT: 19.728 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013002.D
Acq: 09 Dec 2022 01:39

Tgt Ion:202 Resp: 6129303
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 9.4 7.8 11.8

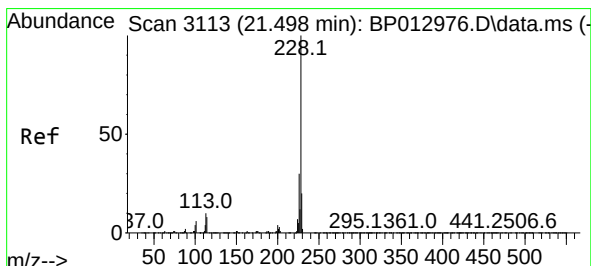
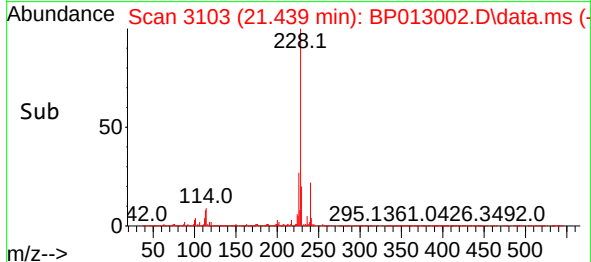
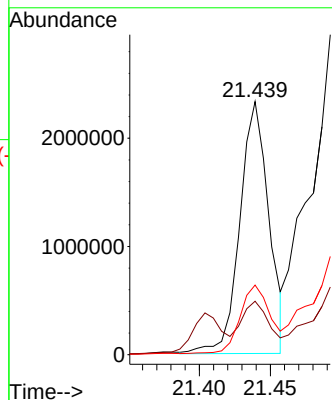
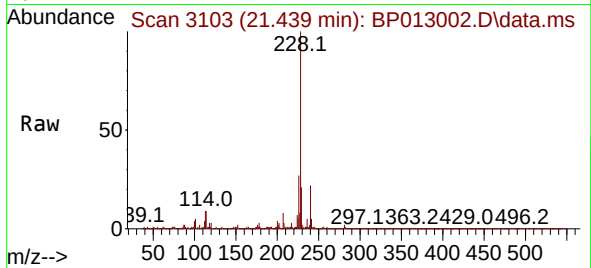




#85
Benzo(a)anthracene
Concen: 12.947 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013002.D
Acq: 09 Dec 2022 01:39

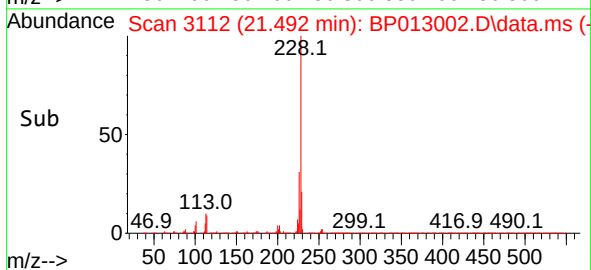
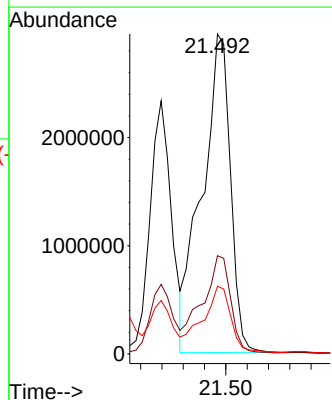
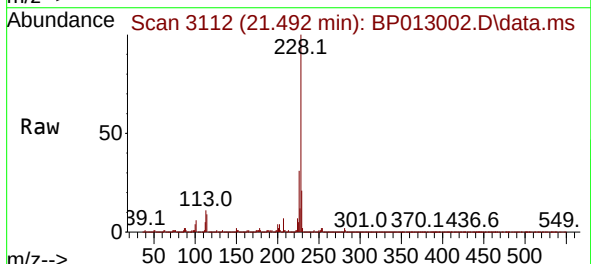
Instrument :
BNA_P
ClientSampleId :

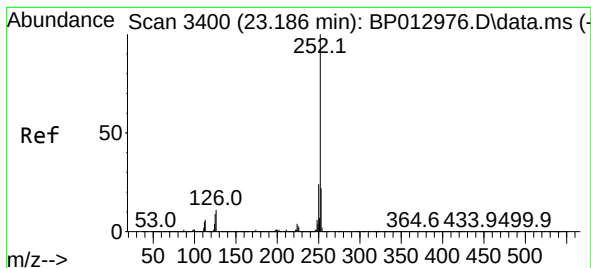
Tgt Ion:228 Resp: 3320954
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 27.5 22.0 33.0



#87
Chrysene
Concen: 22.436 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013002.D
Acq: 09 Dec 2022 01:39

Tgt Ion:228 Resp: 5442228
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 21.2 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 34.930 ng/ul

RT: 23.186 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BP013002.D

Acq: 09 Dec 2022 01:39

Instrument :

BNA_P

ClientSampleId :

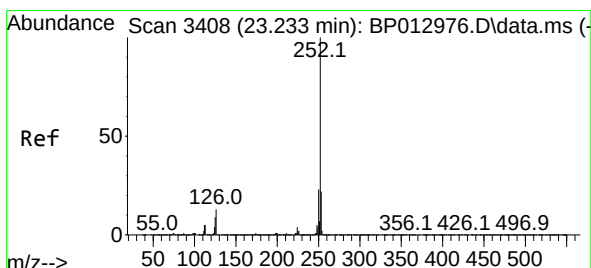
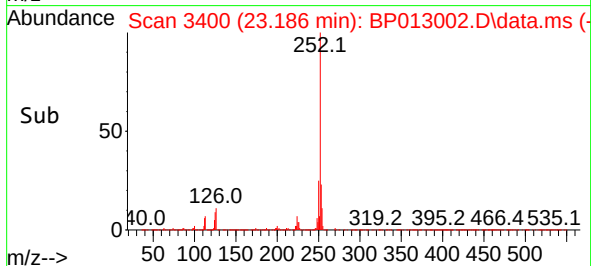
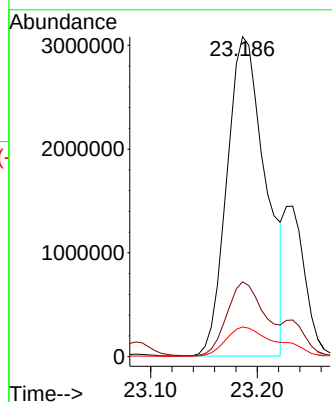
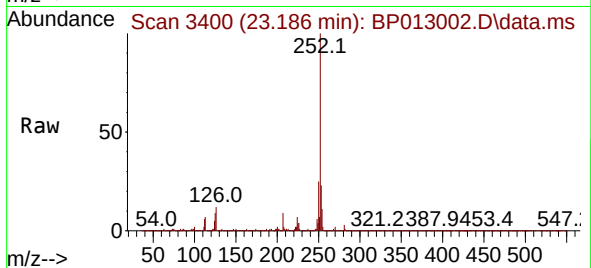
Tgt Ion:252 Resp: 7793059

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 9.3 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 35.226 ng/ul

RT: 23.186 min Scan# 3400

Delta R.T. -0.047 min

Lab File: BP013002.D

Acq: 09 Dec 2022 01:39

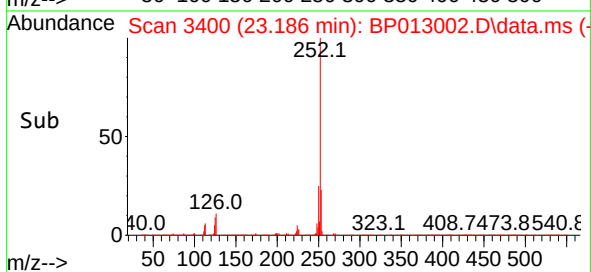
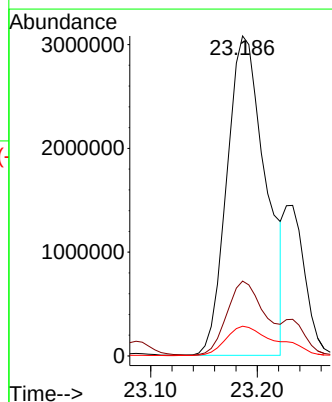
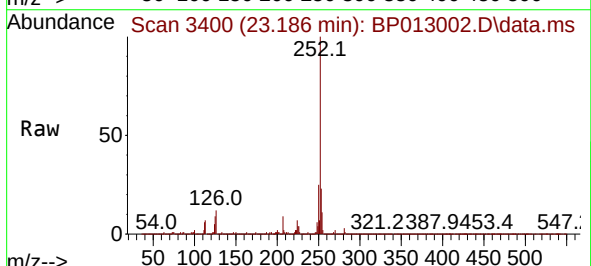
Tgt Ion:252 Resp: 7793059

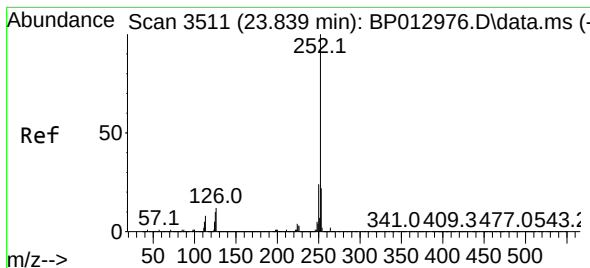
Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 9.3 6.8 10.2





#93

Benzo(a)pyrene

Concen: 15.661 ng/ul

RT: 23.833 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013002.D

Acq: 09 Dec 2022 01:39

Instrument :

BNA_P

ClientSampleId :

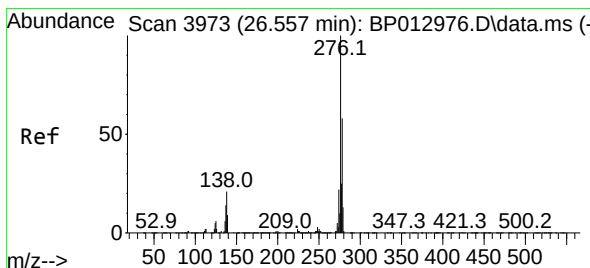
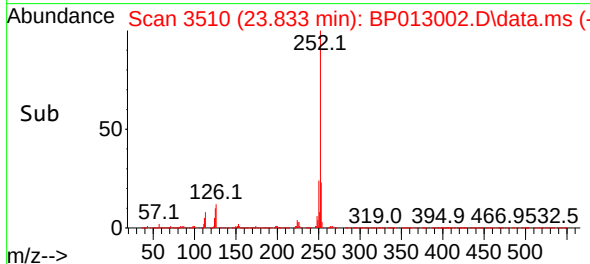
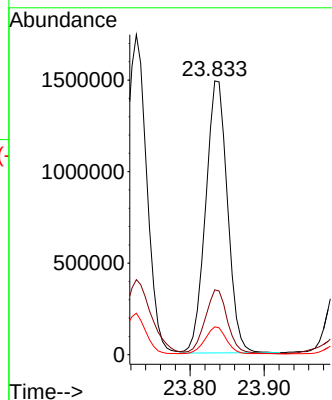
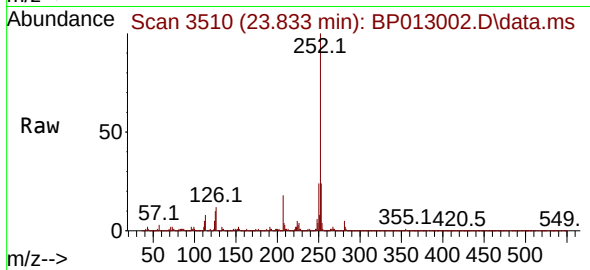
Tgt Ion:252 Resp: 3042270

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

125 10.2 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.554 ng/ul

RT: 26.545 min Scan# 3971

Delta R.T. -0.012 min

Lab File: BP013002.D

Acq: 09 Dec 2022 01:39

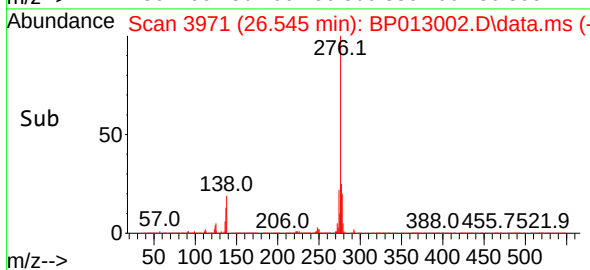
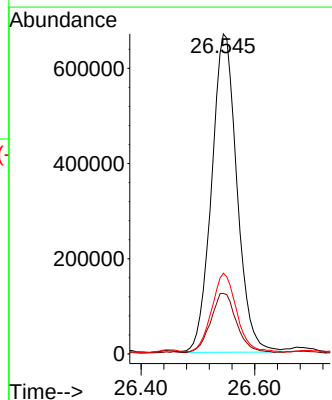
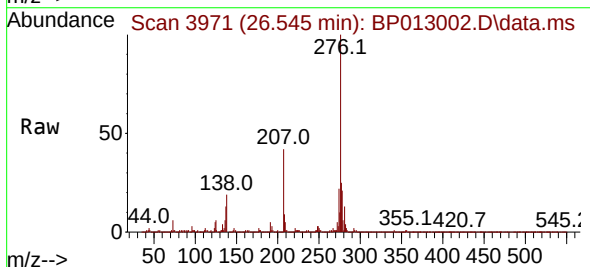
Tgt Ion:276 Resp: 2069763

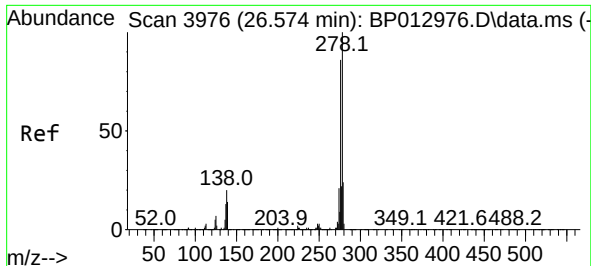
Ion Ratio Lower Upper

276 100

138 18.9 17.1 25.7

277 25.3 20.0 30.0

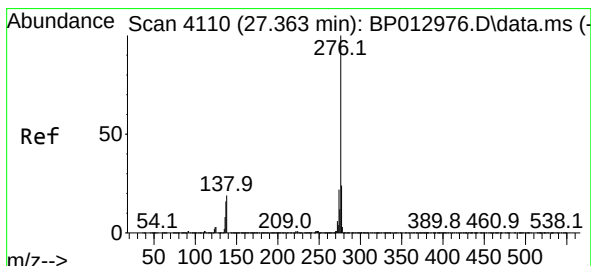
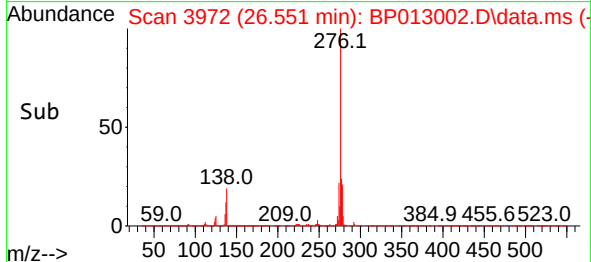
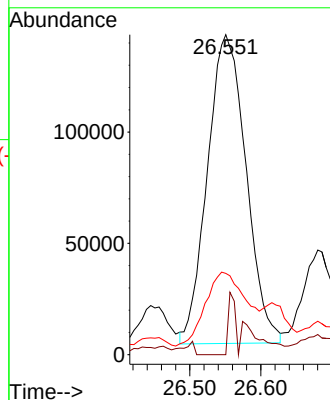
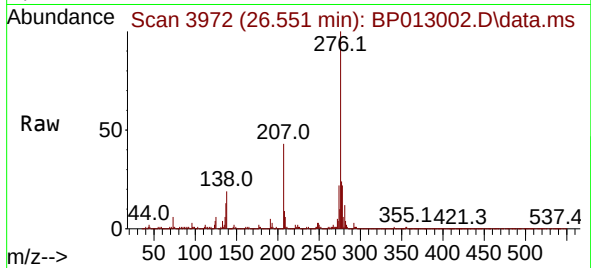




#95
 Dibenzo(a,h)anthracene
 Concen: 2.619 ng/ul
 RT: 26.551 min Scan# 3976
 Delta R.T. -0.017 min
 Lab File: BP013002.D
 Acq: 09 Dec 2022 01:39

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 524798
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.1 16.7#
 279 25.4 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 7.954 ng/ul
 RT: 27.351 min Scan# 4108
 Delta R.T. 0.000 min
 Lab File: BP013002.D
 Acq: 09 Dec 2022 01:39

Tgt Ion:276 Resp: 1545112
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.4 23.2
 277 24.0 19.1 28.7

