

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012223.D
 Acq On : 20 Oct 2022 20:32
 Operator : CG/JU
 Sample : N4755-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 20 23:26:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	413864	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1649227	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	849544	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1391757	20.000	ng/ul	0.00
79) Chrysene-d12	21.339	240	1252018	20.000	ng/ul	0.00
88) Perylene-d12	23.757	264	1646611	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	39720	3.884	ng/uL	0.00
4) Pyridine-d5	3.681	84	291517	9.893	ng/ul	0.00
7) Phenol-d5	6.993	99	861244	24.105	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	486620	22.457	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	677272	24.903	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	645948	23.261	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	326986	26.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	364631	27.684	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	655489	26.532	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	544954	15.525	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	1681689	28.457	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1908891	28.299	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	205491	18.561	ng/ul	0.00
60) Fluorene-d10	15.475	176	1331623	26.192	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	92663	11.704	ng/ul	0.00
73) Anthracene-d10	17.351	188	1659377	27.201	ng/ul	0.01
81) Pyrene-d10	19.580	212	1803838	25.305	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.604	264	2282985	27.647	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.022	94	44250	1.184	ng/ul	94
16) Acetophenone	8.657	105	48096	1.121	ng/ul	96
30) Naphthalene	10.681	128	1749431	19.834	ng/ul	100
36) 2-Methylnaphthalene	12.292	142	1266497	21.104	ng/ul	99
37) 1-Methylnaphthalene	12.510	142	226037	3.772	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	667627	10.566	ng/ul	99
50) Acenaphthylene	14.198	152	1469400	19.550	ng/ul	100
52) Acenaphthene	14.545	153	3803385	71.554	ng/ul	99
56) Dibenzofuran	14.881	168	5460015	75.035	ng/ul	95
61) Fluorene	15.534	166	7940575	137.738	ng/ul	100
67) N-Nitrosodiphenylamine	15.739	169	45998	1.139	ng/ul#	1
71) Pentachlorophenol	16.898	266	127561	12.166	ng/ul	98
72) Phenanthrene	17.292	178	18239156	243.834	ng/ul	93
74) Anthracene	17.445	178	206179	2.786	ng/ul#	1
77) Carbazole	17.663	167	12511924	191.555	ng/ul	97
80) Fluoranthene	19.404	202	312349	3.546	ng/ul	97
82) Pyrene	19.516	202	137179	1.522	ng/ul	97
85) Benzo(a)anthracene	21.321	228	7795370	95.533	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.239	149	61401	1.250	ng/ul#	75
87) Chrysene	21.380	228	11437663	150.207	ng/ul	96
90) Benzo(b)fluoranthene	23.033	252	17343128	158.043	ng/ul#	96
91) Benzo(k)fluoranthene	23.033	252	17343128	160.334	ng/ul#	97
93) Benzo(a)pyrene	23.551	252	8340670	88.882	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.280	276	7554875	69.547	ng/ul#	92

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration

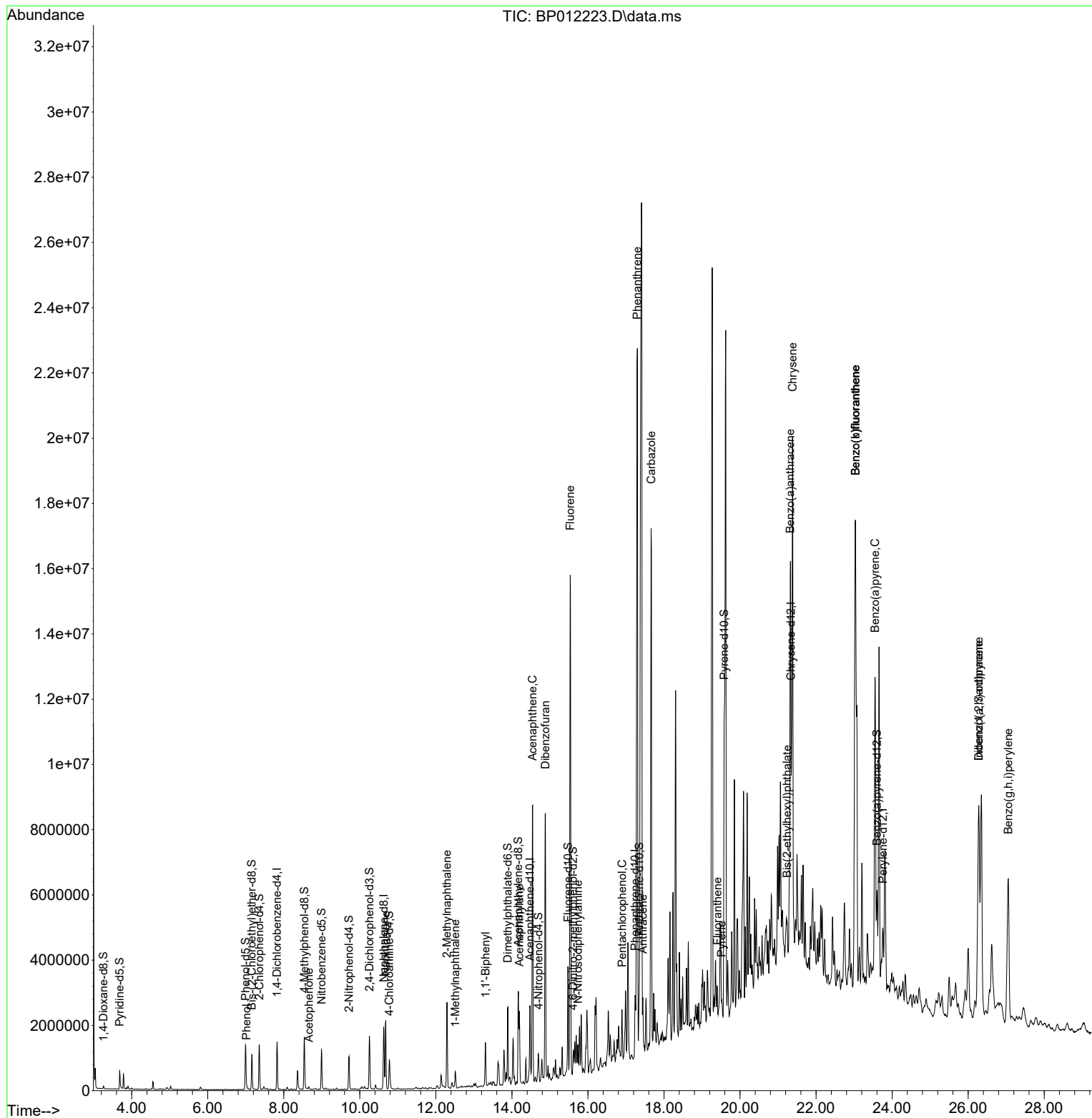
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	26.280	278	1915017	19.554	ng/ul#	82
96) Benzo(g,h,i)perylene	27.056	276	6437421	63.113	ng/ul	96

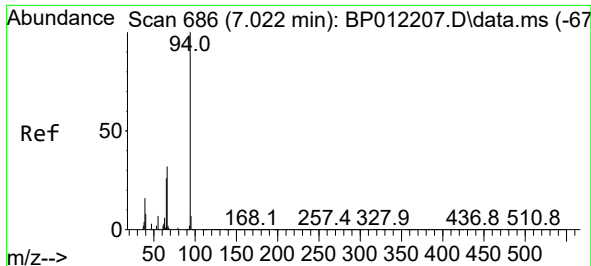
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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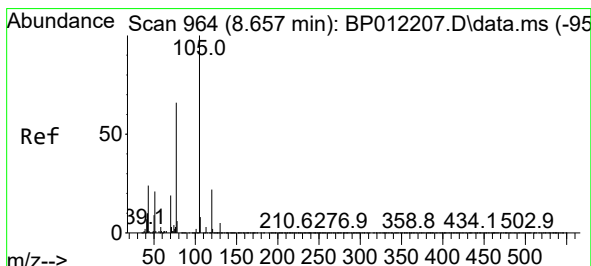
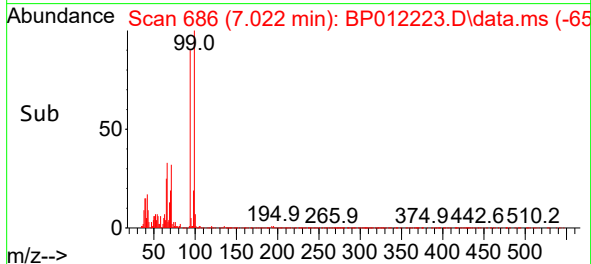
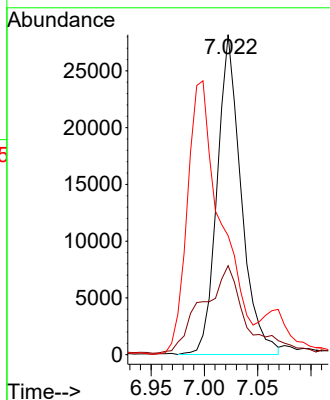
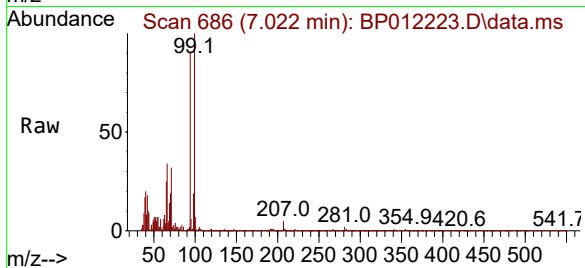




#8
Phenol
Concen: 1.184 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

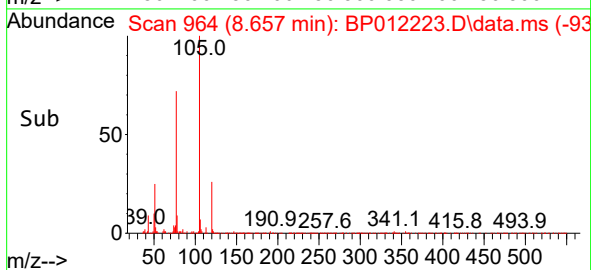
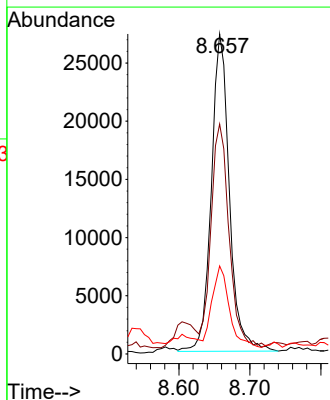
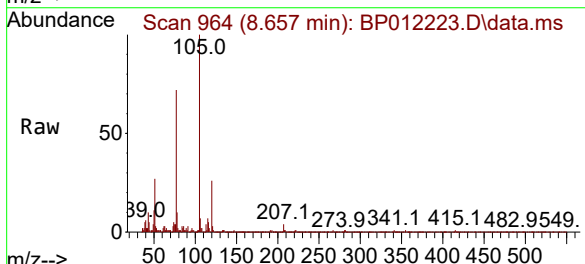
Instrument :
BNA_P
ClientSampleId :

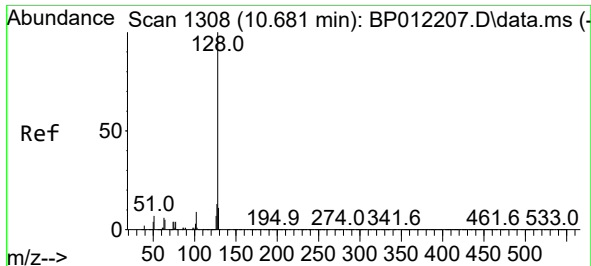
Tgt Ion: 94 Resp: 44250
Ion Ratio Lower Upper
94 100
65 27.8 20.6 31.0
66 37.2 26.2 39.4



#16
Acetophenone
Concen: 1.121 ng/ul
RT: 8.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion: 105 Resp: 48096
Ion Ratio Lower Upper
105 100
77 71.9 60.0 90.0
51 27.5 20.1 30.1

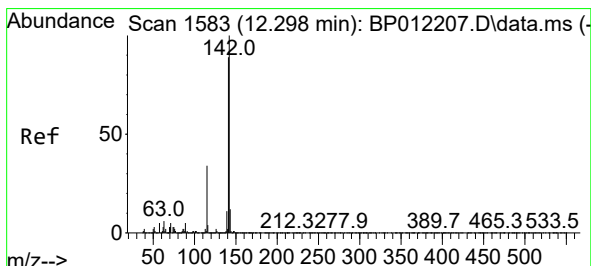
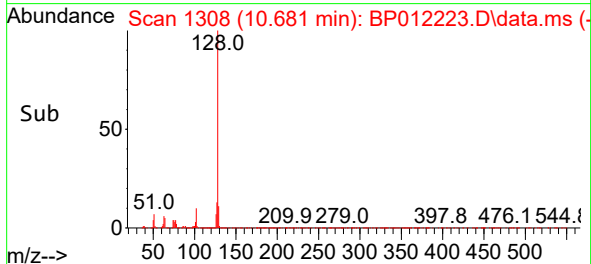
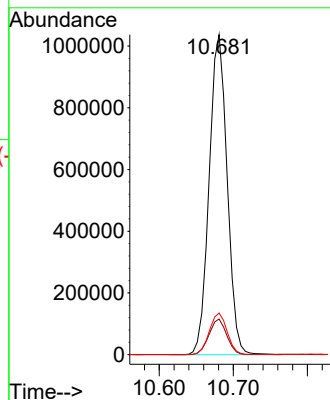
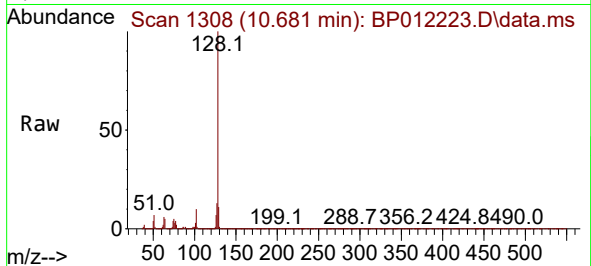




#30
Naphthalene
Concen: 19.834 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

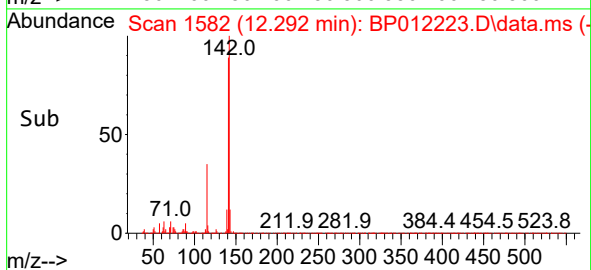
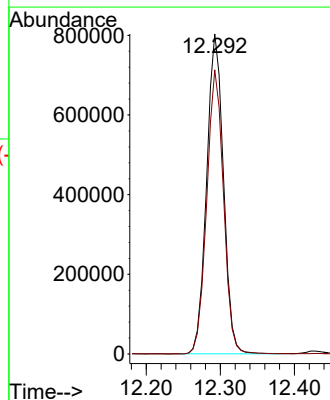
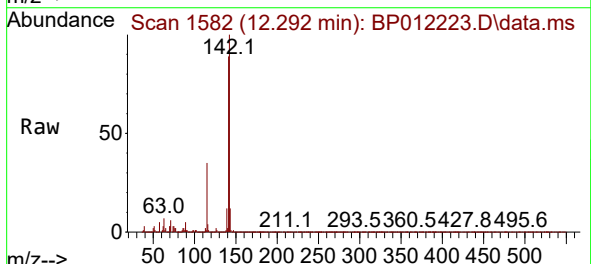
Instrument :
BNA_P
ClientSampleId :

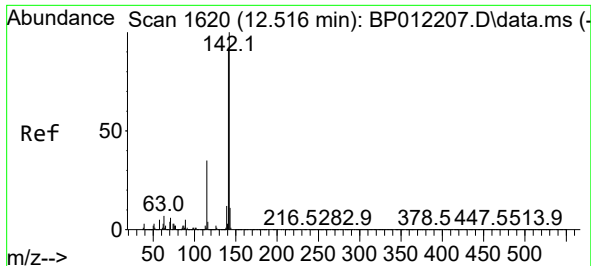
Tgt Ion:128 Resp: 1749431
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.2 15.4



#36
2-Methylnaphthalene
Concen: 21.104 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion:142 Resp: 1266497
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5





#37

1-Methylnaphthalene

Concen: 3.772 ng/ul

RT: 12.510 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

Instrument :

BNA_P

ClientSampleId :

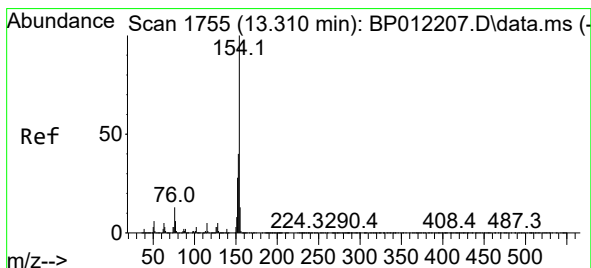
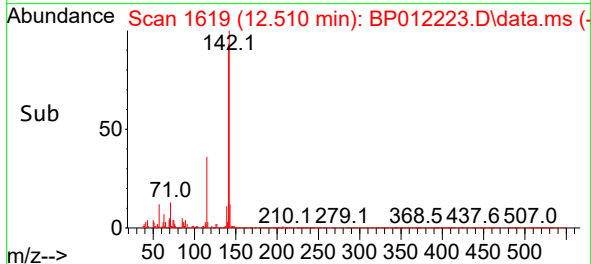
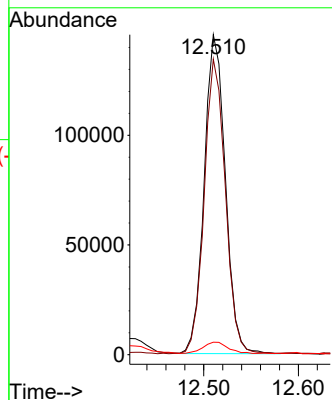
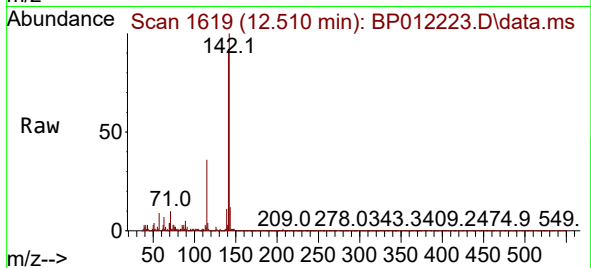
Tgt Ion:142 Resp: 226037

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.0

116 3.9 3.0 4.4



#43

1,1'-Biphenyl

Concen: 10.566 ng/ul

RT: 13.304 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

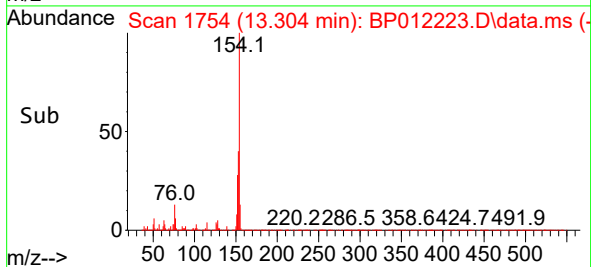
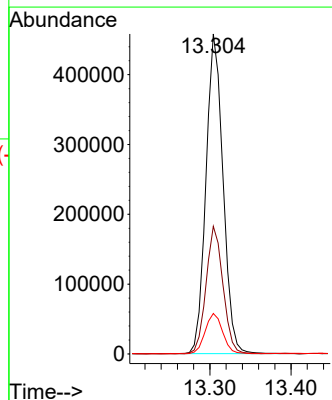
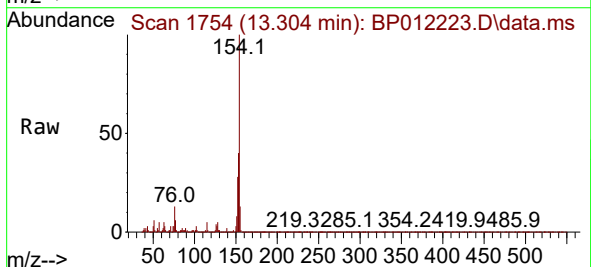
Tgt Ion:154 Resp: 667627

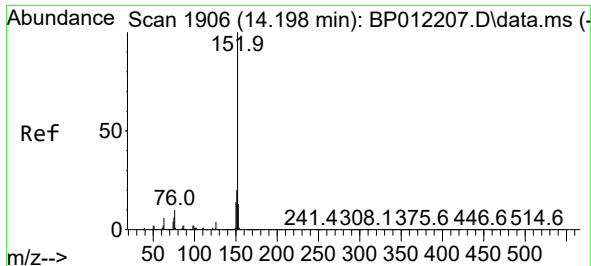
Ion Ratio Lower Upper

154 100

153 39.9 31.5 47.3

76 12.6 11.0 16.4

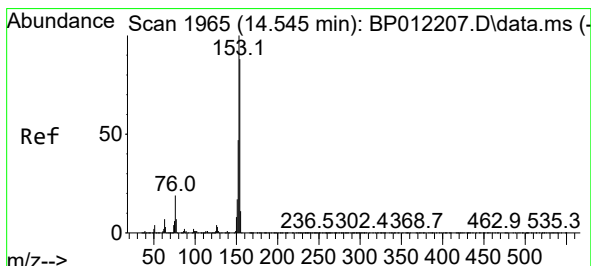
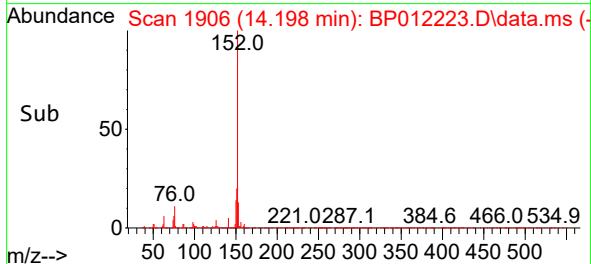
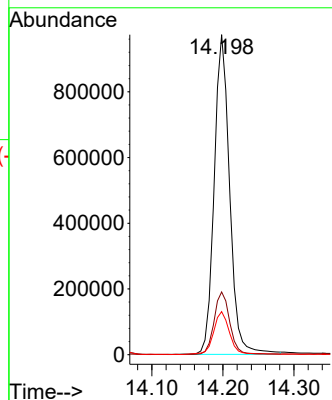
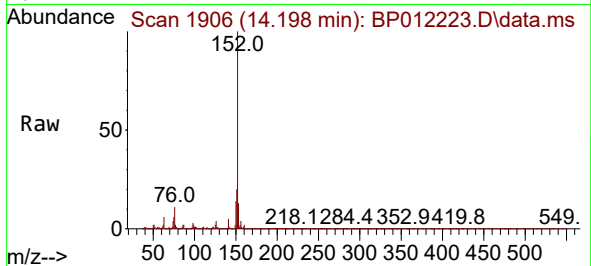




#50
Acenaphthylene
Concen: 19.550 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

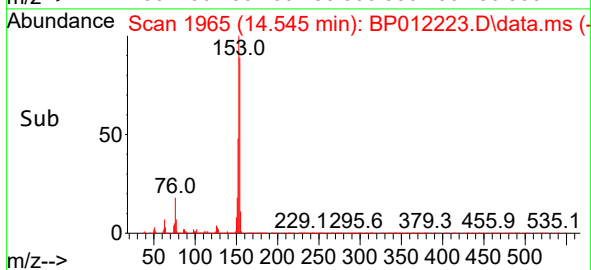
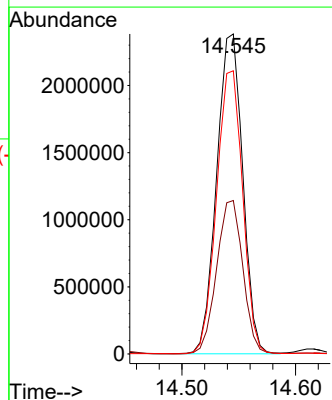
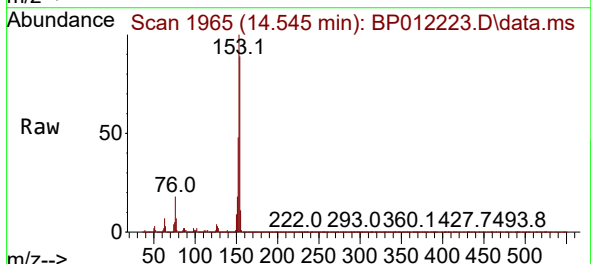
Instrument :
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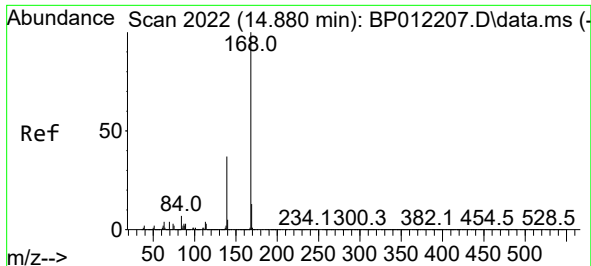
Tgt Ion:152 Resp: 1469400
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.4 10.6 16.0



#52
Acenaphthene
Concen: 71.554 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion:153 Resp: 3803385
Ion Ratio Lower Upper
153 100
152 48.0 38.1 57.1
154 88.5 71.4 107.2

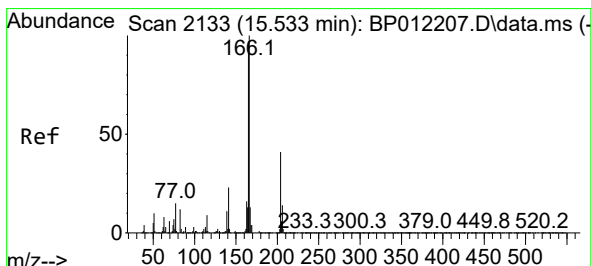
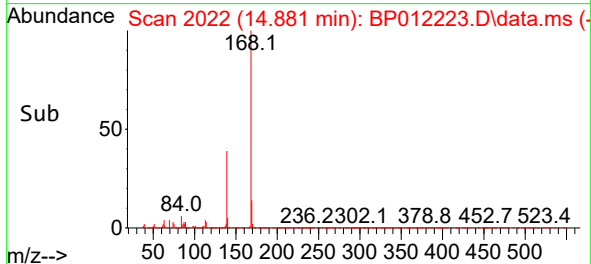
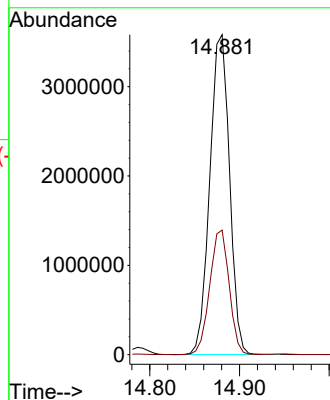
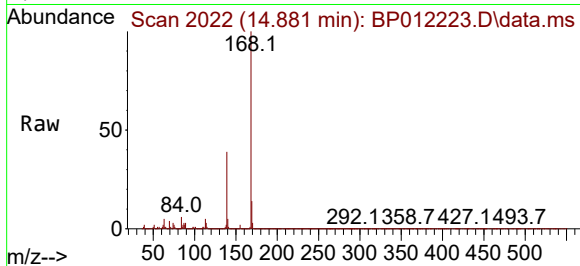




#56
Dibenzenofuran
Concen: 75.035 ng/ul
RT: 14.881 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

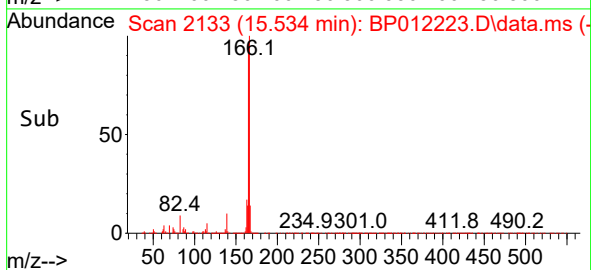
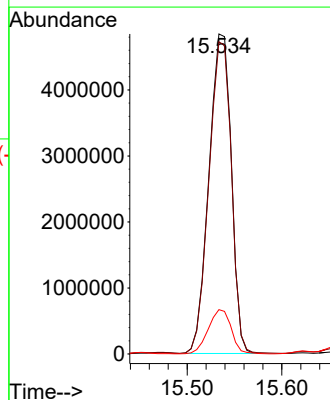
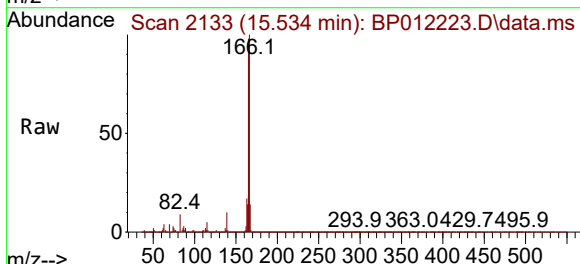
Instrument :
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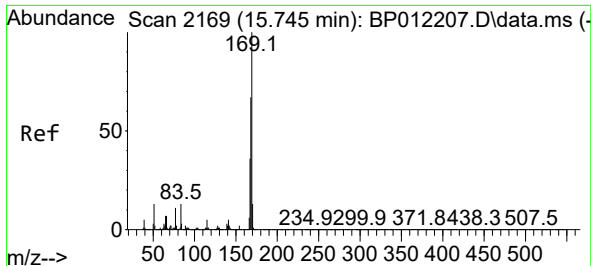
Tgt Ion:168 Resp: 5460015
Ion Ratio Lower Upper
168 100
139 38.9 29.0 43.4



#61
Fluorene
Concen: 137.738 ng/ul
RT: 15.534 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion:166 Resp: 7940575
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.9 10.7 16.1

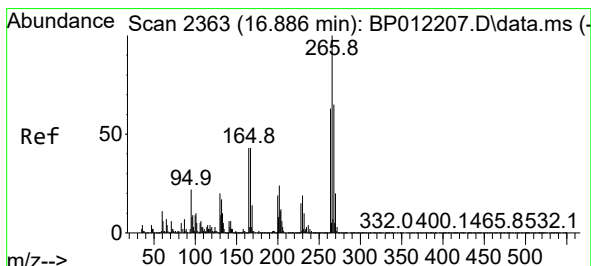
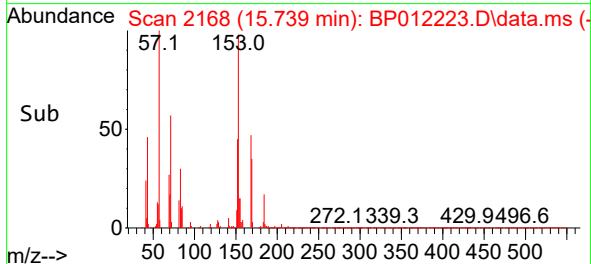
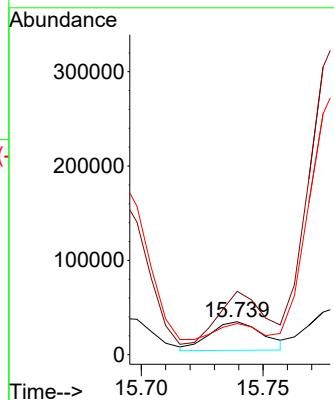
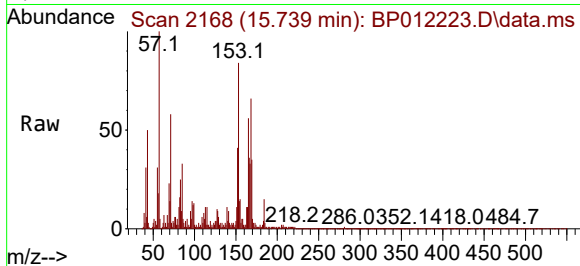




#67
N-Nitrosodiphenylamine
Concen: 1.139 ng/ul
RT: 15.739 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

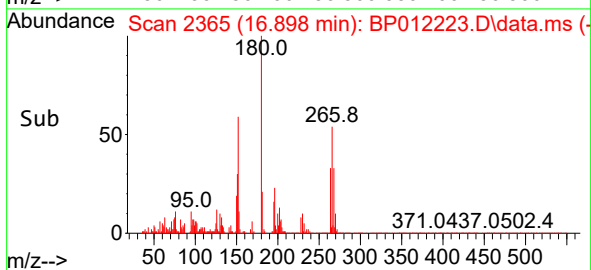
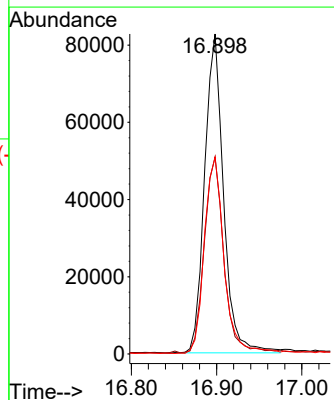
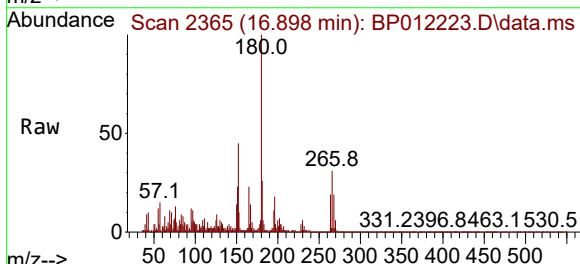
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BNA_P
ClientSampleId :

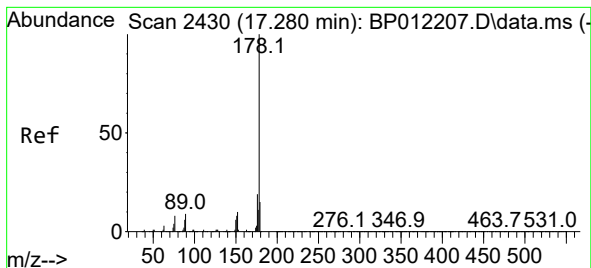
Tgt Ion:169 Resp: 45998
Ion Ratio Lower Upper
169 100
168 192.5 53.4 80.0#
167 94.8 29.2 43.8#



#71
Pentachlorophenol
Concen: 12.166 ng/ul
RT: 16.898 min Scan# 2365
Delta R.T. 0.012 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion:266 Resp: 127561
Ion Ratio Lower Upper
266 100
264 61.6 50.1 75.1
268 61.5 50.6 76.0





#72

Phenanthrene

Concen: 243.834 ng/ul

RT: 17.292 min Scan# 2430

Delta R.T. 0.012 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

Instrument :

BNA_P

ClientSampleId :

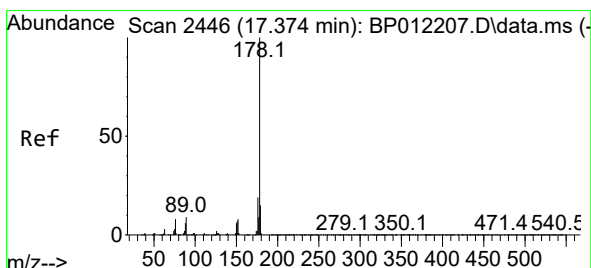
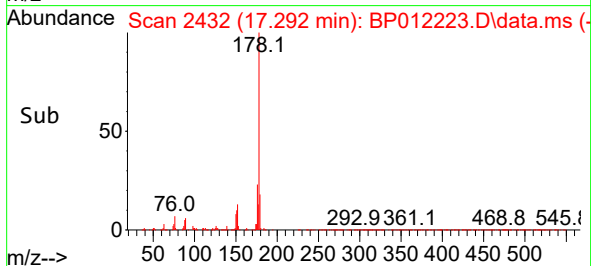
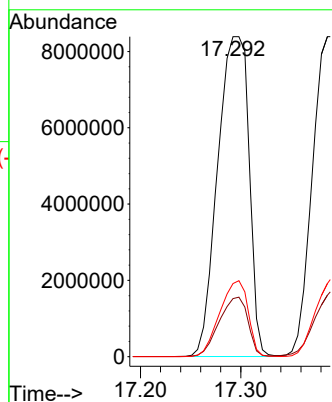
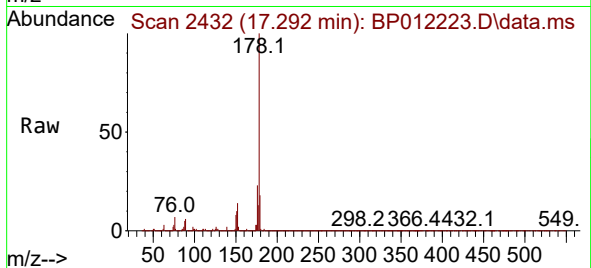
Tgt Ion:178 Resp:18239156

Ion Ratio Lower Upper

178 100

179 18.1 12.6 18.8

176 22.8 15.6 23.4



#74

Anthracene

Concen: 2.786 ng/ul

RT: 17.445 min Scan# 2458

Delta R.T. 0.071 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

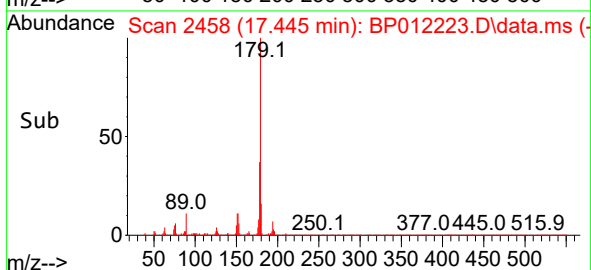
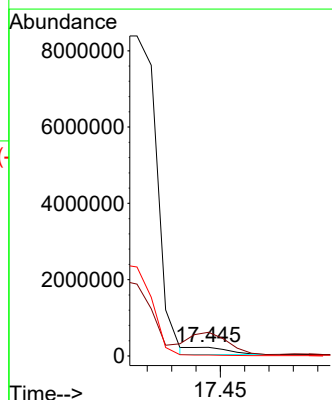
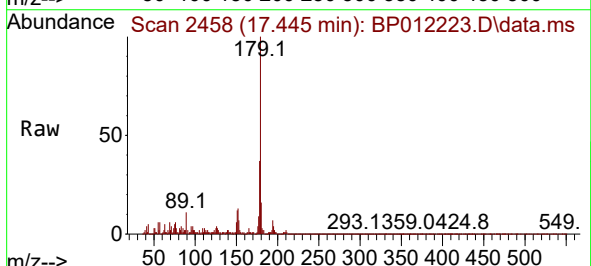
Tgt Ion:178 Resp: 206179

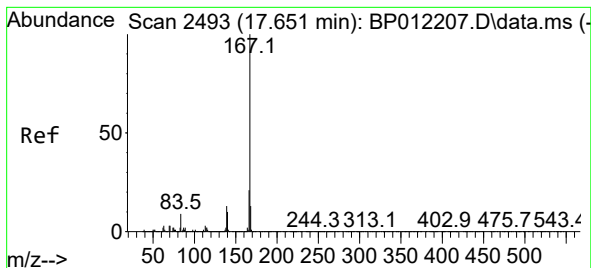
Ion Ratio Lower Upper

178 100

179 271.5 12.3 18.5#

176 10.3 15.0 22.4#





#77

Carbazole

Concen: 191.555 ng/ul

RT: 17.663 min Scan# 2493

Delta R.T. 0.012 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

Instrument :

BNA_P

ClientSampleId :

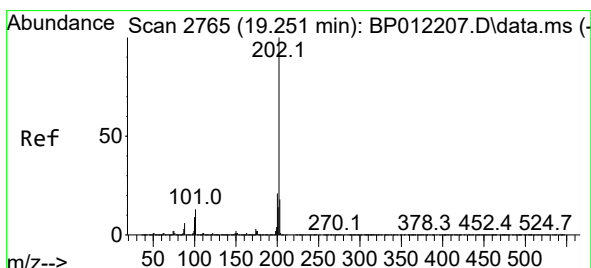
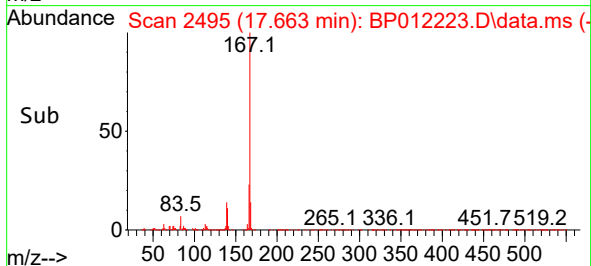
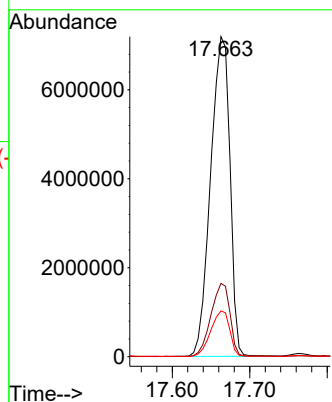
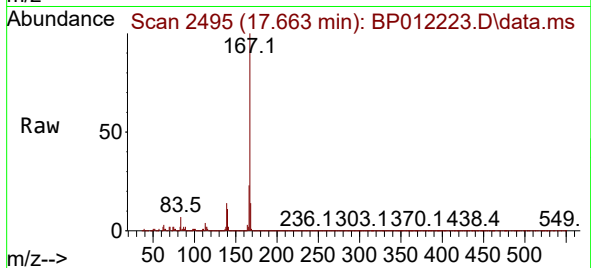
Tgt Ion:167 Resp:12511924

Ion Ratio Lower Upper

167 100

166 22.9 17.3 25.9

139 14.3 10.2 15.4



#80

Fluoranthene

Concen: 3.546 ng/ul

RT: 19.404 min Scan# 2791

Delta R.T. 0.153 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

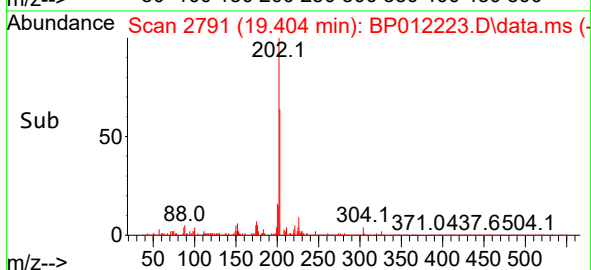
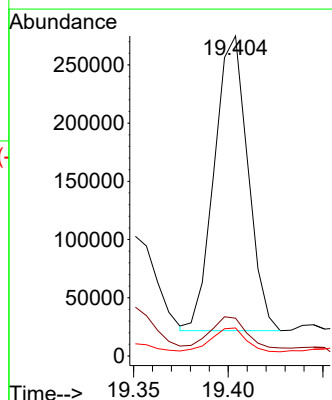
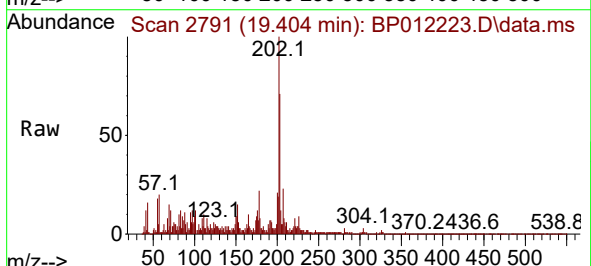
Tgt Ion:202 Resp: 312349

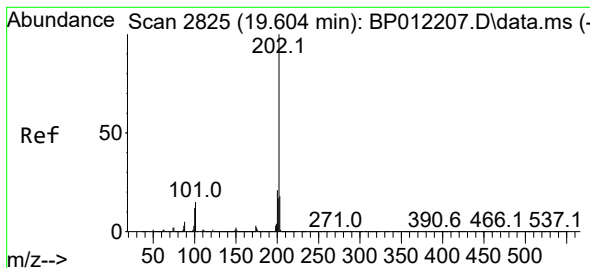
Ion Ratio Lower Upper

202 100

101 11.8 10.4 15.6

100 8.7 7.7 11.5





#82

Pyrene

Concen: 1.522 ng/ul

RT: 19.516 min Scan# 2810

Delta R.T. -0.088 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

Instrument :

BNA_P

ClientSampleId :

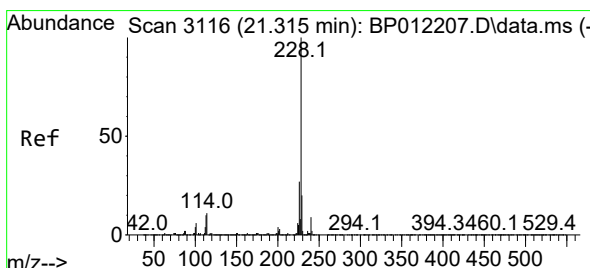
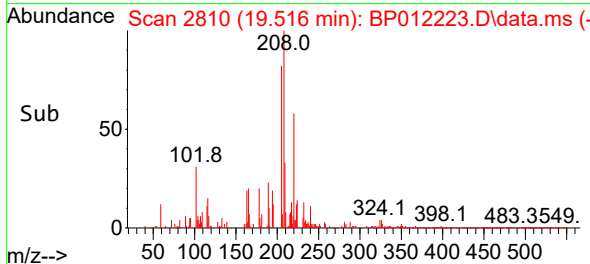
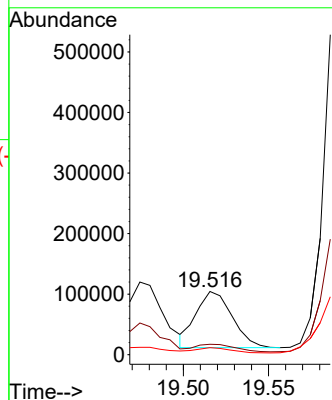
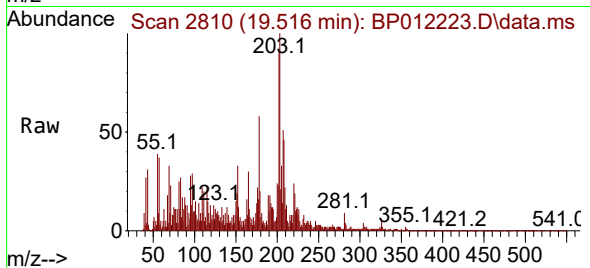
Tgt Ion:202 Resp: 137179

Ion Ratio Lower Upper

202 100

101 16.4 12.3 18.5

100 11.2 10.0 15.0



#85

Benzo(a)anthracene

Concen: 95.533 ng/ul

RT: 21.321 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

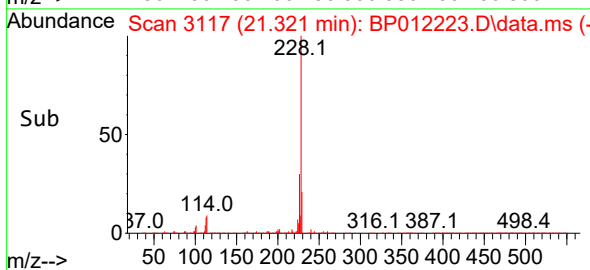
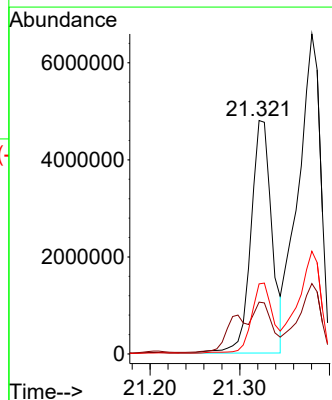
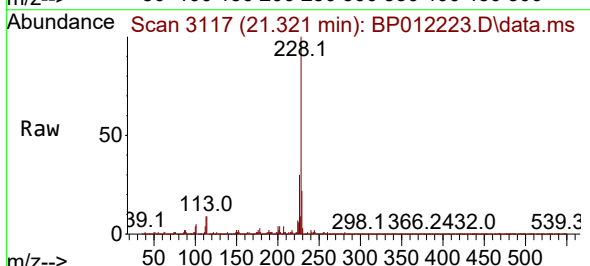
Tgt Ion:228 Resp: 7795370

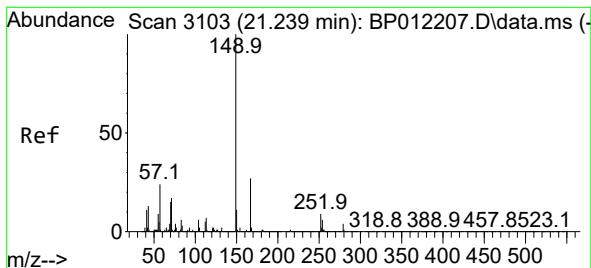
Ion Ratio Lower Upper

228 100

229 22.2 16.1 24.1

226 30.0 21.9 32.9

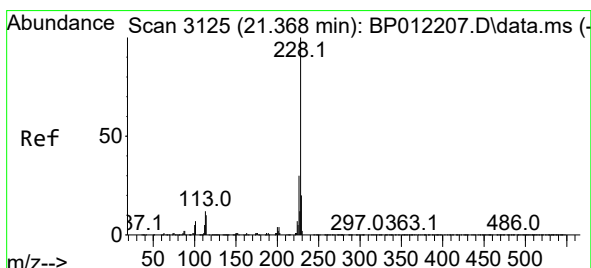
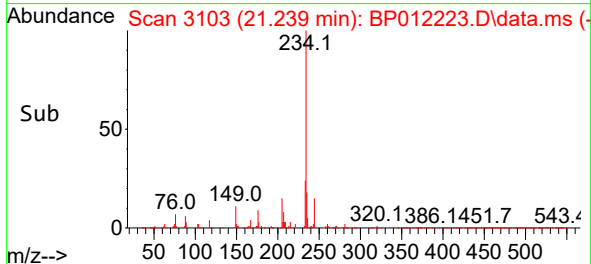
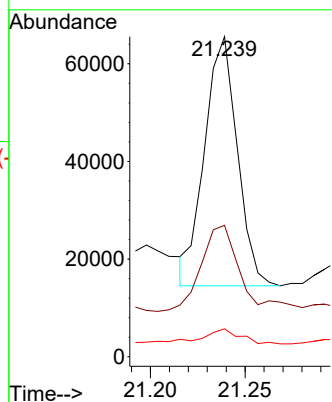
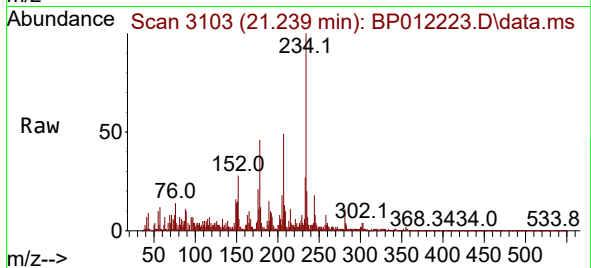




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.250 ng/ul
RT: 21.239 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

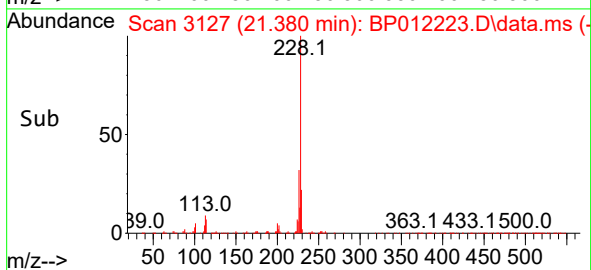
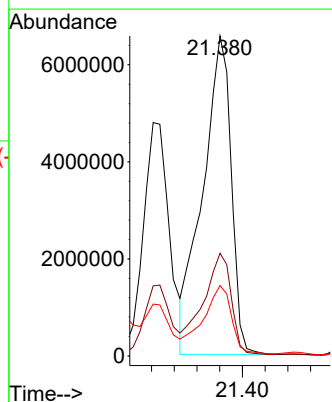
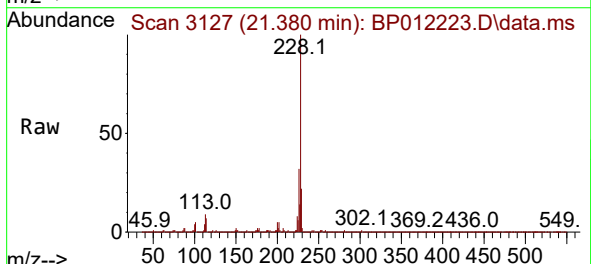
Instrument :
BNA_P
ClientSampleId :

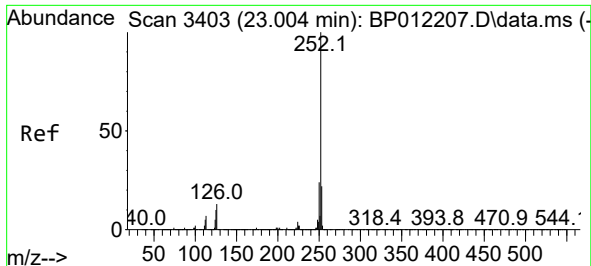
Tgt Ion:149 Resp: 61401
Ion Ratio Lower Upper
149 100
167 41.0 21.6 32.4#
279 8.7 3.4 5.0#



#87
Chrysene
Concen: 150.207 ng/ul
RT: 21.380 min Scan# 3127
Delta R.T. 0.012 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion:228 Resp:11437663
Ion Ratio Lower Upper
228 100
226 32.1 24.2 36.4
229 22.0 15.8 23.8

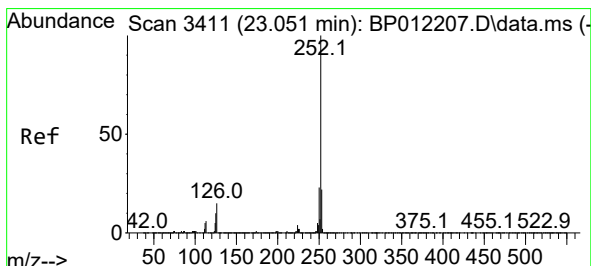
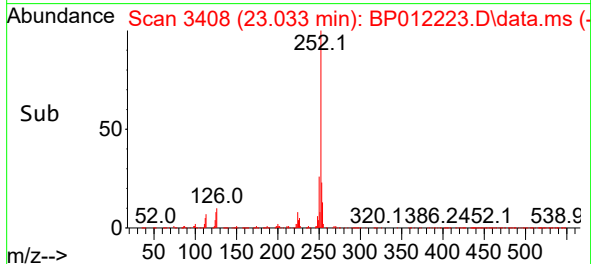
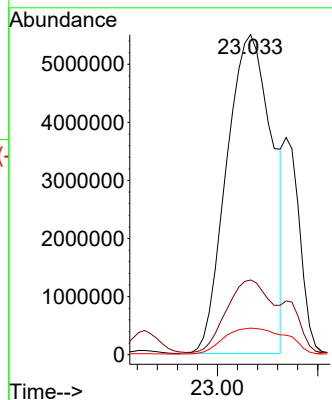
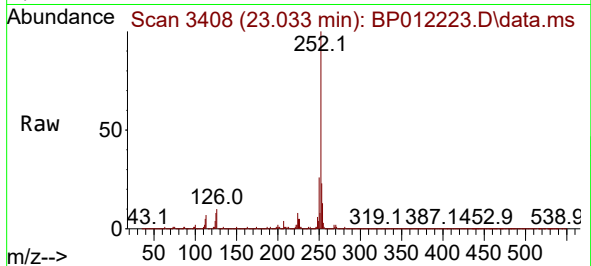




#90
Benzo(b)fluoranthene
Concen: 158.043 ng/ul
RT: 23.033 min Scan# 3408
Delta R.T. 0.029 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

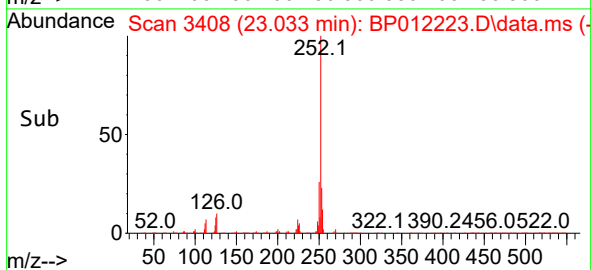
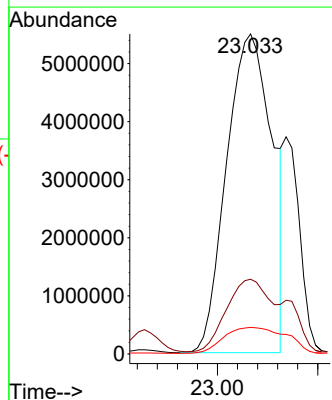
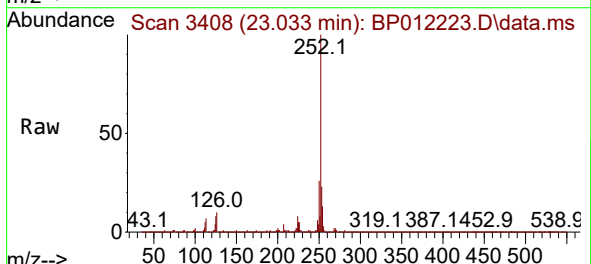
Instrument :
BNA_P
ClientSampleId :

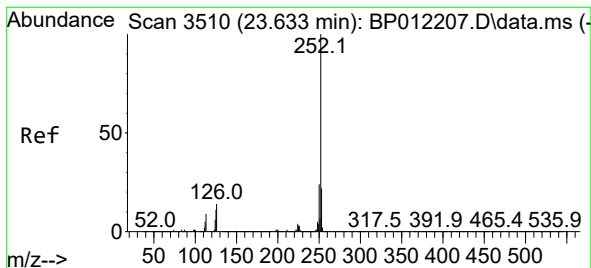
Tgt Ion:252 Resp:17343128
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 8.3 8.5 12.7#



#91
Benzo(k)fluoranthene
Concen: 160.334 ng/ul
RT: 23.033 min Scan# 3408
Delta R.T. -0.018 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion:252 Resp:17343128
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 8.3 8.6 13.0#





#93

Benzo(a)pyrene

Concen: 88.882 ng/ul

RT: 23.551 min Scan# 34

Delta R.T. -0.082 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

Instrument :

BNA_P

ClientSampleId :

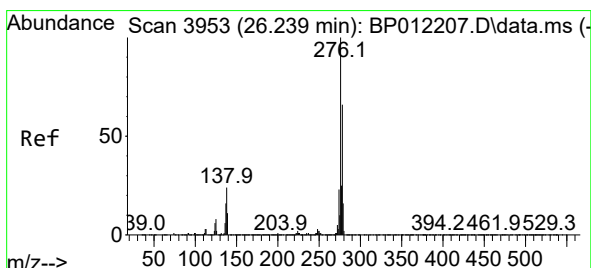
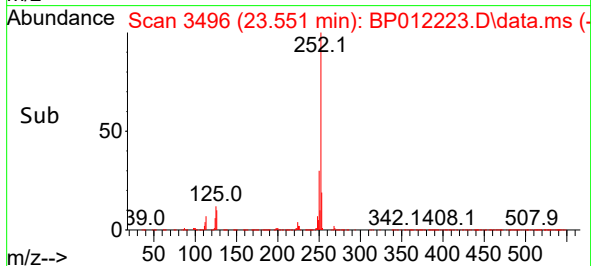
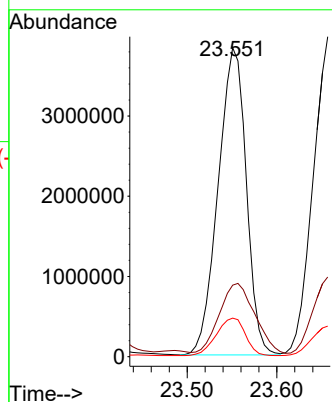
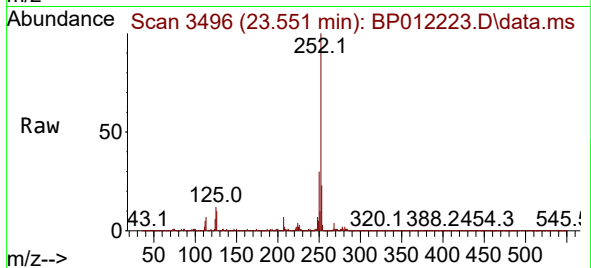
Tgt Ion:252 Resp: 8340670

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 12.5 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 69.547 ng/ul

RT: 26.280 min Scan# 3960

Delta R.T. 0.035 min

Lab File: BP012223.D

Acq: 20 Oct 2022 20:32

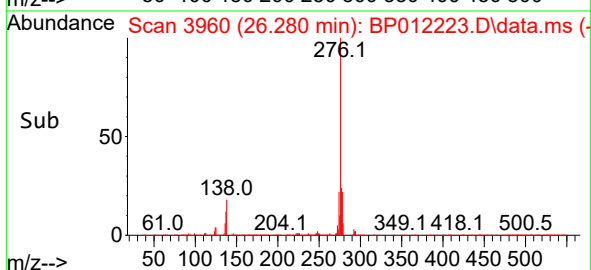
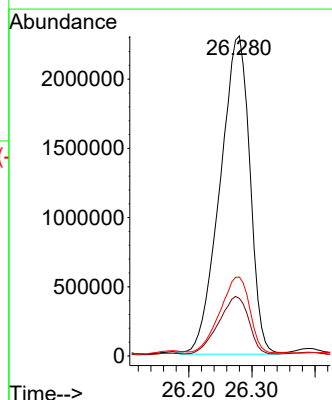
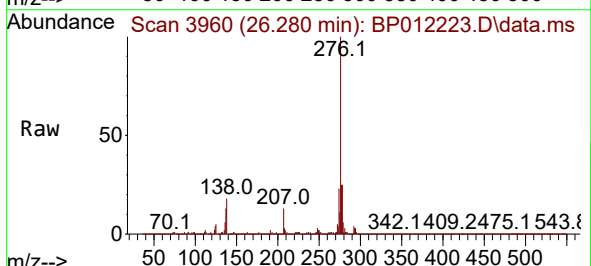
Tgt Ion:276 Resp: 7554875

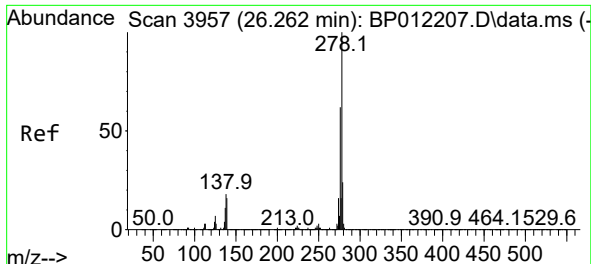
Ion Ratio Lower Upper

276 100

138 18.0 20.3 30.5#

277 24.7 20.2 30.4

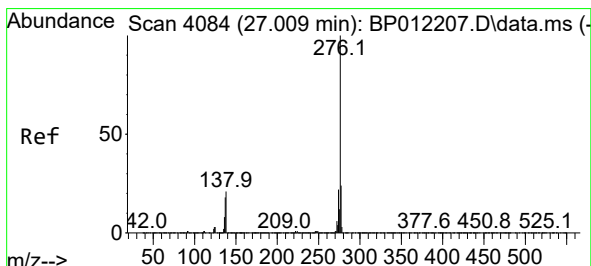
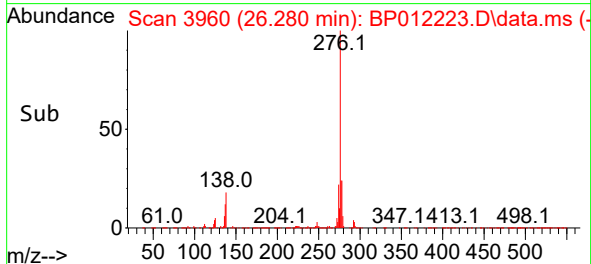
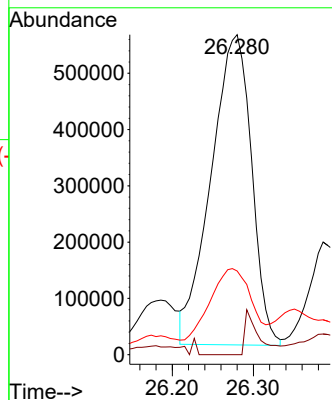
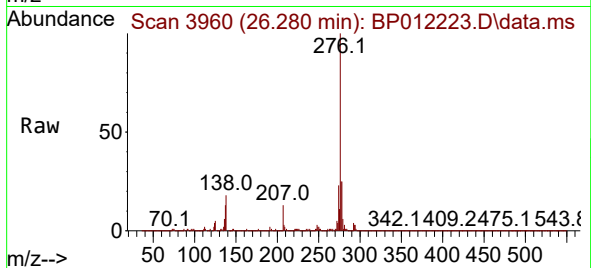




#95
Dibenzo(a,h)anthracene
Concen: 19.554 ng/ul
RT: 26.280 min Scan# 3957
Delta R.T. 0.018 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 1915017
Ion Ratio Lower Upper
278 100
139 0.0 12.9 19.3#
279 26.1 19.0 28.4



#96
Benzo(g,h,i)perylene
Concen: 63.113 ng/ul
RT: 27.056 min Scan# 4092
Delta R.T. 0.047 min
Lab File: BP012223.D
Acq: 20 Oct 2022 20:32

Tgt Ion:276 Resp: 6437421
Ion Ratio Lower Upper
276 100
138 19.3 17.9 26.9
277 24.1 18.9 28.3

