

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014832.D
 Acq On : 26 Apr 2023 10:29
 Operator : CG/JU
 Sample : 02418-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Y7

Quant Time: Apr 26 22:31:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	298969	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1319304	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.828	164	845736	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	1805580	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1256569	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1139072	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	21043	2.767	ng/uL	0.00
4) Pyridine-d5	3.964	84	14270	0.647	ng/u1	0.02
7) Phenol-d5	7.334	99	429725	15.811	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.517	67	275816	16.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	327029	16.296	ng/u1	0.00
15) 4-Methylphenol-d8	8.899	113	294647	13.498	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	159531	16.154	ng/u1	0.00
24) 2-Nitrophenol-d4	10.099	143	168656	16.615	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.640	165	350818	16.627	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	245683	8.115	ng/u1	0.00
46) Dimethylphthalate-d6	14.228	166	1162821	17.719	ng/u1	0.00
49) Acenaphthylene-d8	14.522	160	1356640	18.032	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	124204	10.389	ng/u1	0.00
60) Fluorene-d10	15.816	176	1036176	18.546	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	108167	10.796	ng/u1	0.00
73) Anthracene-d10	17.675	188	1591655	18.773	ng/u1	0.00
81) Pyrene-d10	19.892	212	1721241	22.530	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1152680	19.520	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.028	105	164360	4.813	ng/u1	97
30) Naphthalene	11.081	128	91219	1.250	ng/u1	99
50) Acenaphthylene	14.551	152	166404	2.048	ng/u1	98
52) Acenaphthene	14.893	153	196432	3.517	ng/u1	99
56) Dibenzofuran	15.222	168	127245	1.618	ng/u1	100
61) Fluorene	15.875	166	194857	3.141	ng/u1	98
72) Phenanthrene	17.622	178	4083095	41.294	ng/u1	100
74) Anthracene	17.710	178	934726	9.376	ng/u1	99
77) Carbazole	17.969	167	371828	4.382	ng/u1	99
78) Di-n-butylphthalate	18.504	149	318000	3.158	ng/u1	99
80) Fluoranthene	19.575	202	8506115	94.477	ng/u1	99
82) Pyrene	19.928	202	7791017	83.669	ng/u1	98
83) Butylbenzylphthalate	20.769	149	31930	1.022	ng/u1	89
85) Benzo(a)anthracene	21.639	228	4085687	46.738	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	78953	1.702	ng/u1	95
87) Chrysene	21.692	228	3802003	45.880	ng/u1	97
90) Benzo(b)fluoranthene	23.457	252	4407951	56.506	ng/u1	97
91) Benzo(k)fluoranthene	23.457	252	4407951	58.262	ng/u1	98
93) Benzo(a)pyrene	24.139	252	3152373	47.710	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.010	276	2258466	30.312	ng/u1	97
95) Dibenzo(a,h)anthracene	27.021	278	550330	8.857	ng/u1#	85
96) Benzo(g,h,i)perylene	27.863	276	1931594	32.722	ng/u1	98

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration

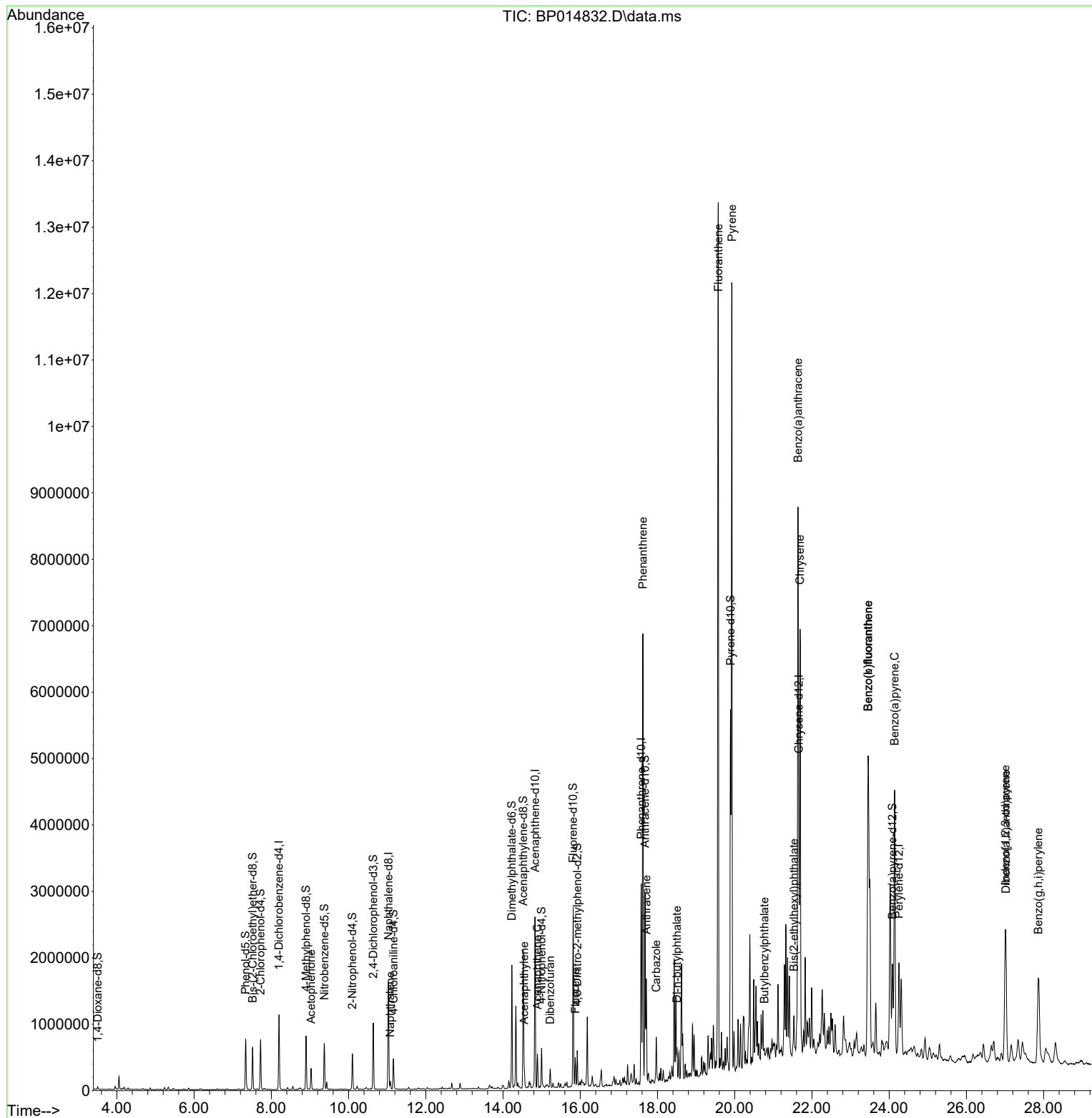
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

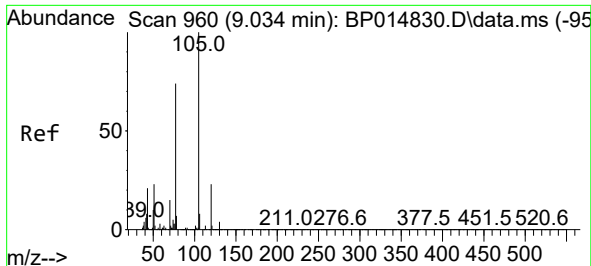
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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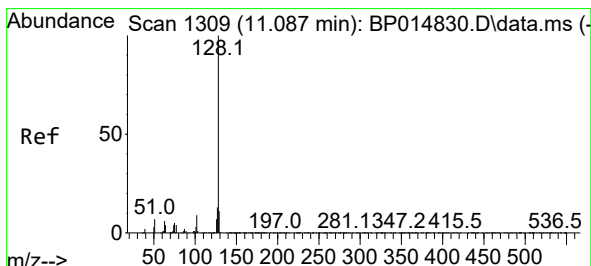
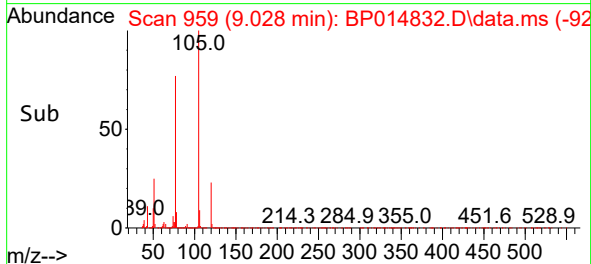
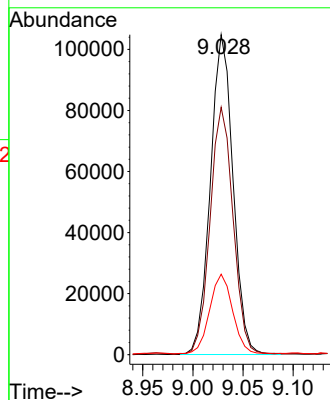
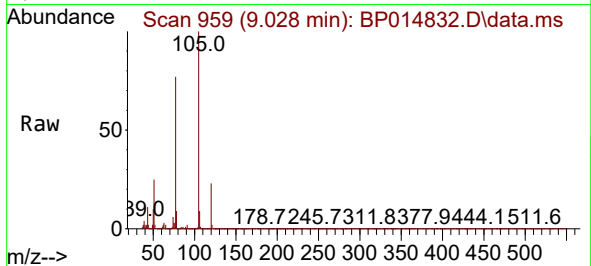




#16
Acetophenone
Concen: 4.813 ng/ul
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

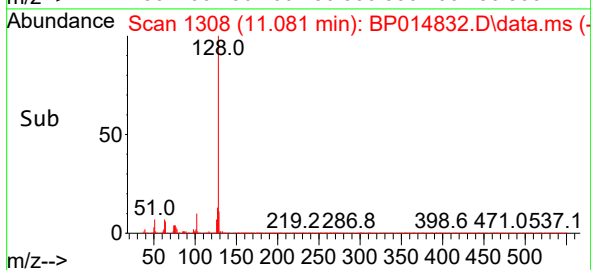
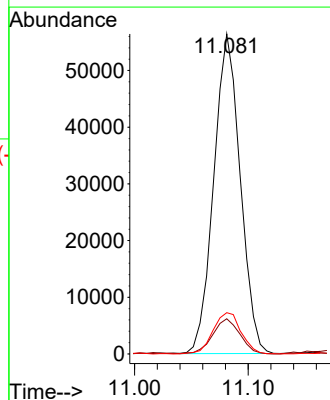
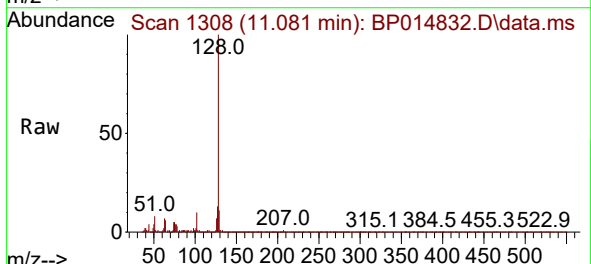
Instrument :
BNA_P
ClientSampleId :
EW8Y7

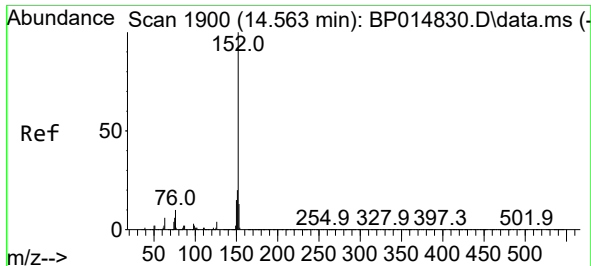
Tgt Ion:105 Resp: 164360
Ion Ratio Lower Upper
105 100
77 77.3 59.8 89.8
51 25.1 19.6 29.4



#30
Naphthalene
Concen: 1.250 ng/ul
RT: 11.081 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

Tgt Ion:128 Resp: 91219
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 12.9 10.6 16.0

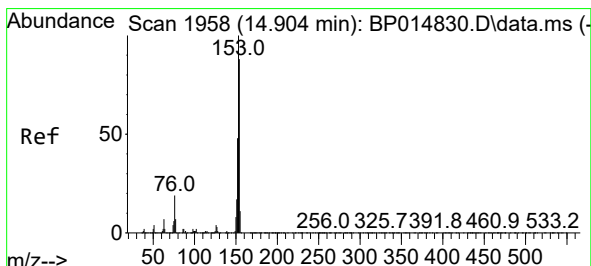
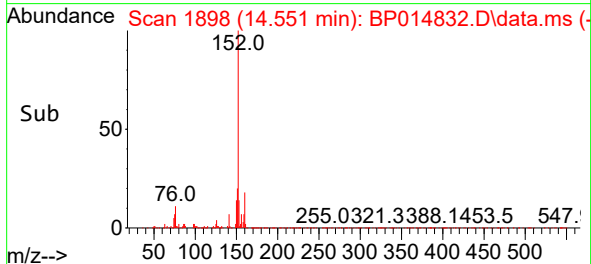
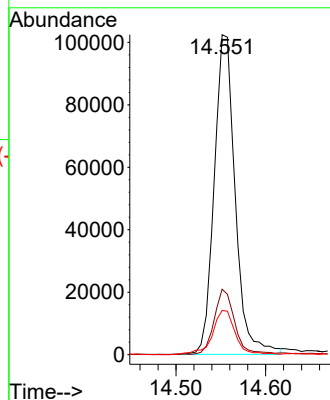
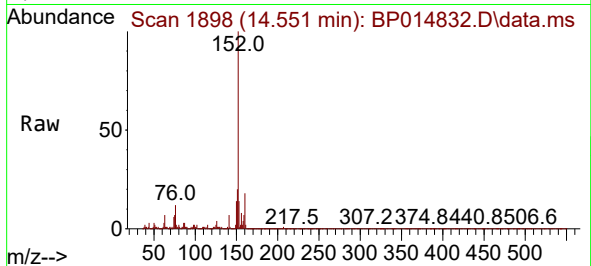




#50
Acenaphthylene
Concen: 2.048 ng/ul
RT: 14.551 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

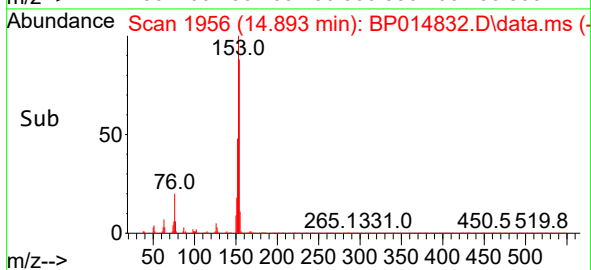
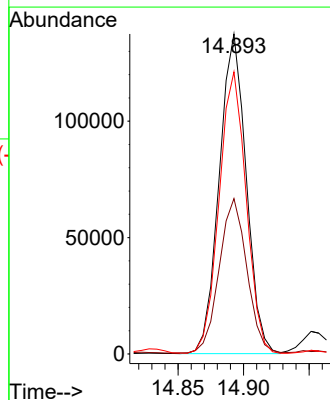
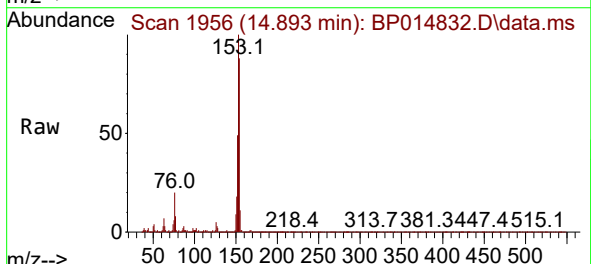
Instrument :
BNA_P
ClientSampleId :
EW8Y7

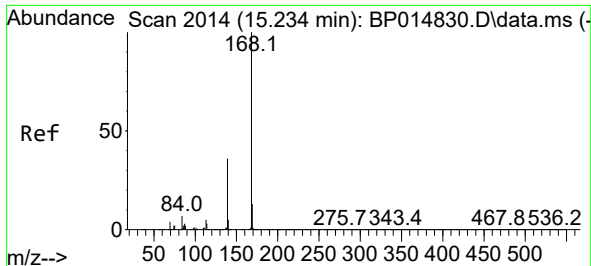
Tgt Ion:152 Resp: 166404
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 13.8 10.4 15.6



#52
Acenaphthene
Concen: 3.517 ng/ul
RT: 14.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

Tgt Ion:153 Resp: 196432
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.4
154 88.2 71.0 106.4

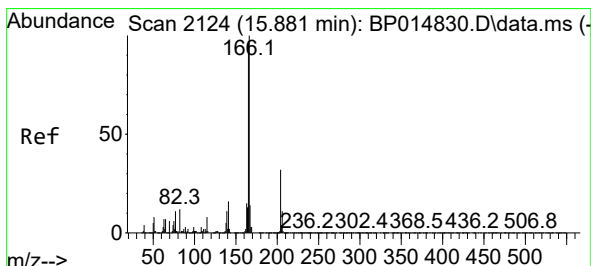
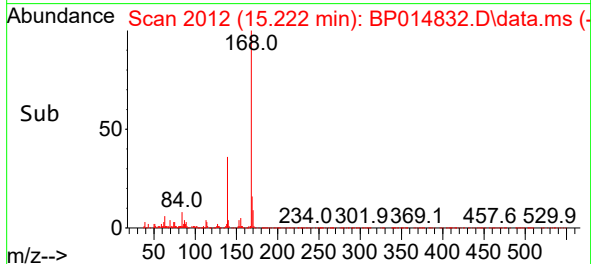
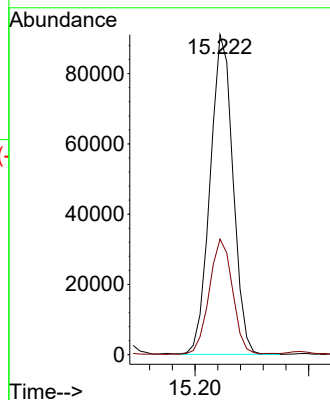
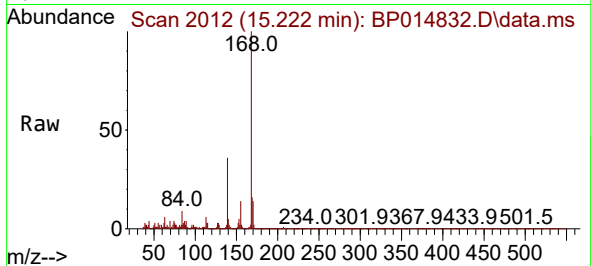




#56
Dibenzofuran
Concen: 1.618 ng/ul
RT: 15.222 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

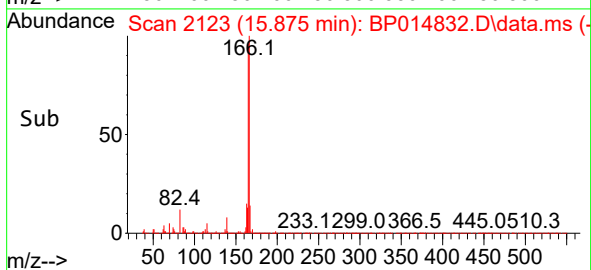
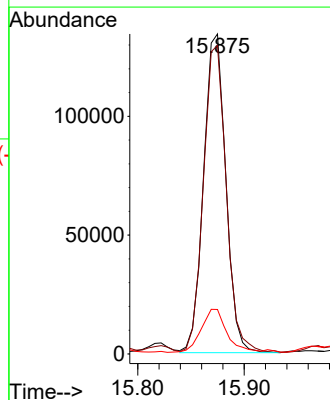
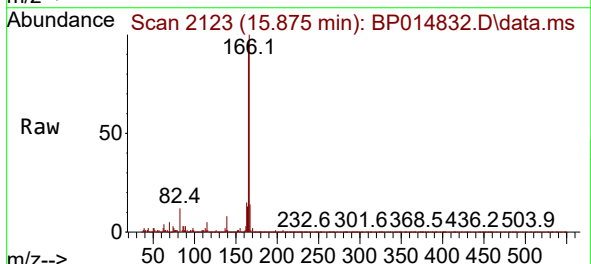
Instrument :
BNA_P
ClientSampleId :
EW8Y7

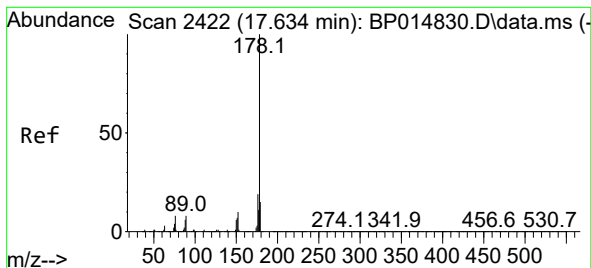
Tgt Ion:168 Resp: 127245
Ion Ratio Lower Upper
168 100
139 36.1 28.7 43.1



#61
Fluorene
Concen: 3.141 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

Tgt Ion:166 Resp: 194857
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 13.9 10.7 16.1





#72

Phenanthrene

Concen: 41.294 ng/ul

RT: 17.622 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

Instrument :

BNA_P

ClientSampleId :

EW8Y7

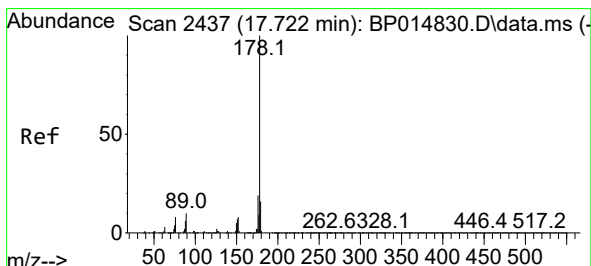
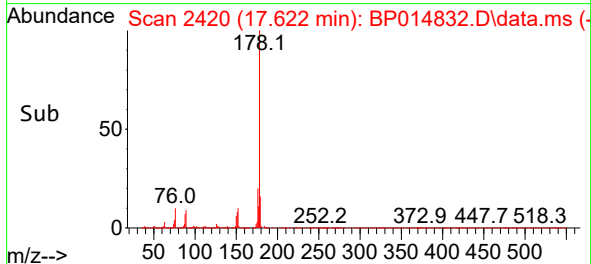
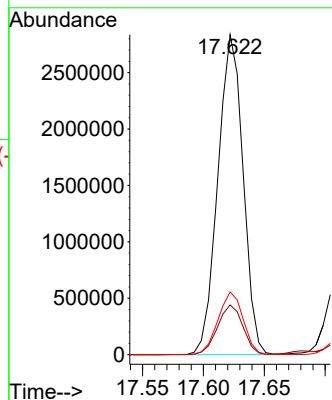
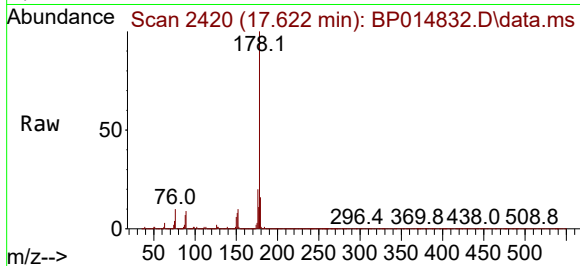
Tgt Ion:178 Resp: 4083095

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.6 15.7 23.5



#74

Anthracene

Concen: 9.376 ng/ul

RT: 17.710 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

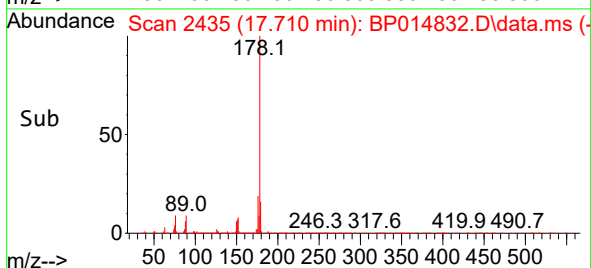
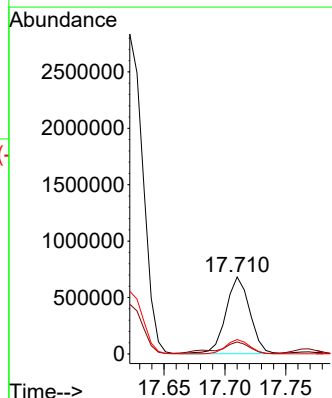
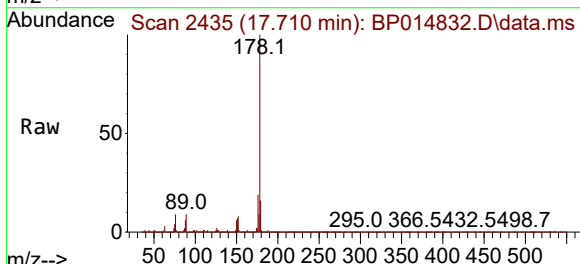
Tgt Ion:178 Resp: 934726

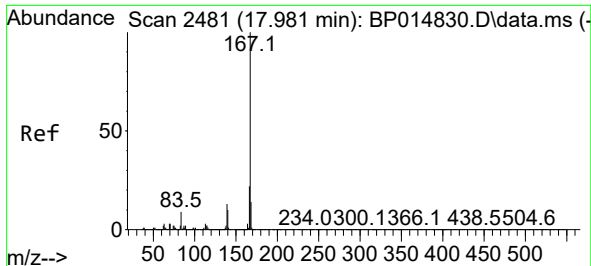
Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 18.7 14.9 22.3

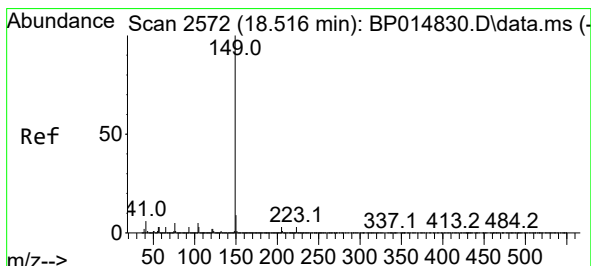
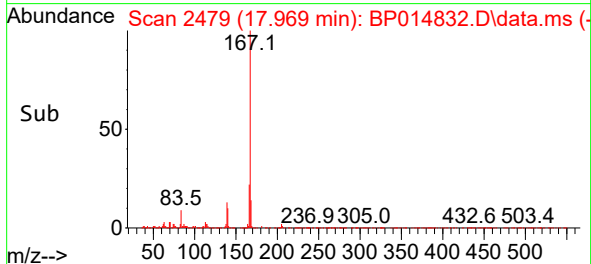
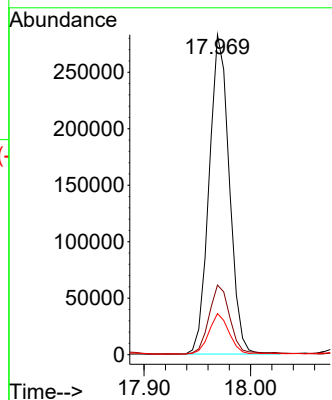
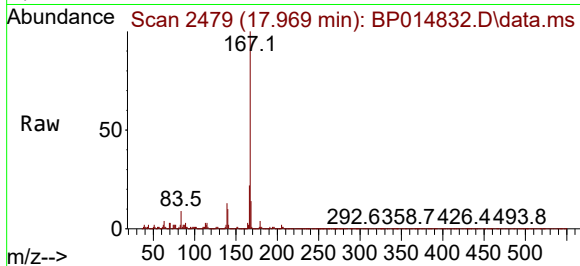




#77
 Carbazole
 Concen: 4.382 ng/ul
 RT: 17.969 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BP014832.D
 Acq: 26 Apr 2023 10:29

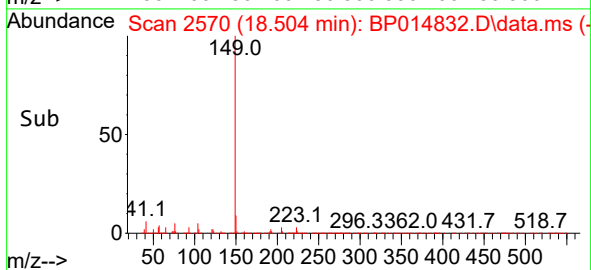
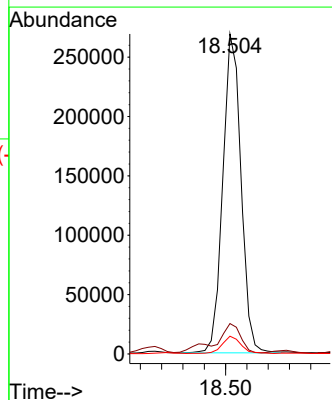
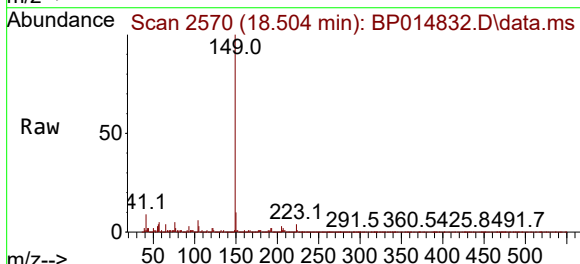
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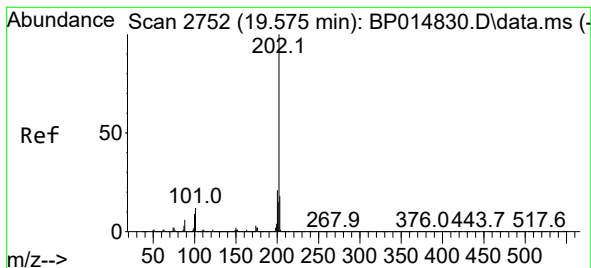
Tgt Ion:167 Resp: 371828
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.9 9.8 14.8



#78
 Di-n-butylphthalate
 Concen: 3.158 ng/ul
 RT: 18.504 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BP014832.D
 Acq: 26 Apr 2023 10:29

Tgt Ion:149 Resp: 318000
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.6 3.9 5.9





#80

Fluoranthene

Concen: 94.477 ng/ul

RT: 19.575 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

Instrument :

BNA_P

ClientSampleId :

EW8Y7

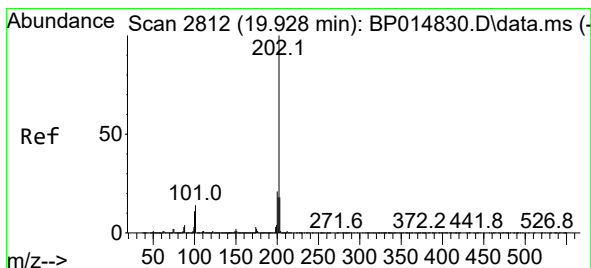
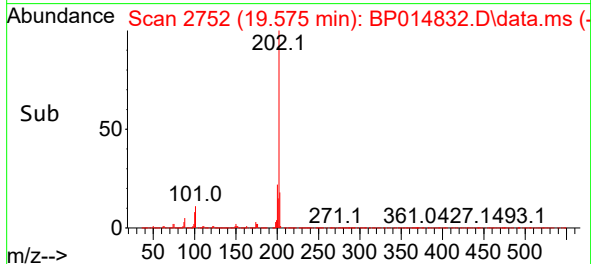
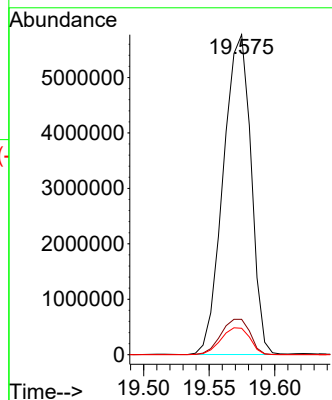
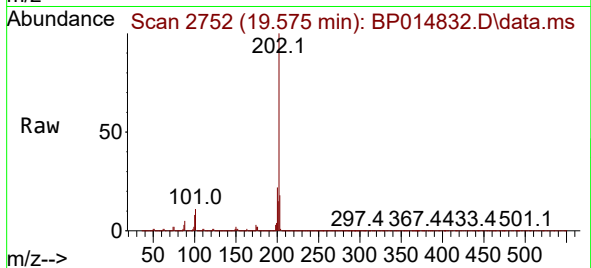
Tgt Ion:202 Resp: 8506115

Ion Ratio Lower Upper

202 100

101 11.0 9.1 13.7

100 8.3 7.0 10.4



#82

Pyrene

Concen: 83.669 ng/ul

RT: 19.928 min Scan# 2812

Delta R.T. 0.006 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

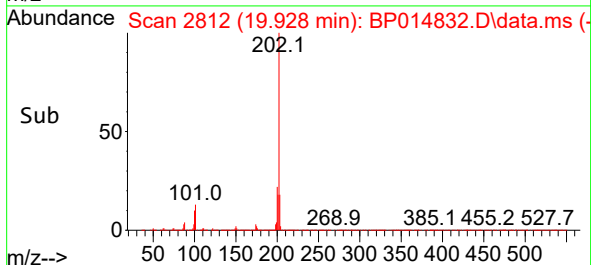
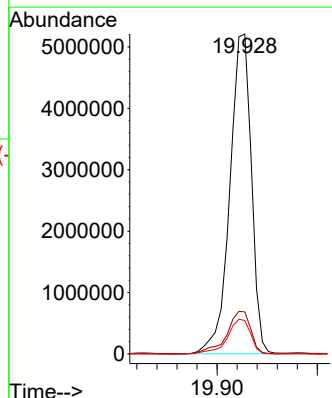
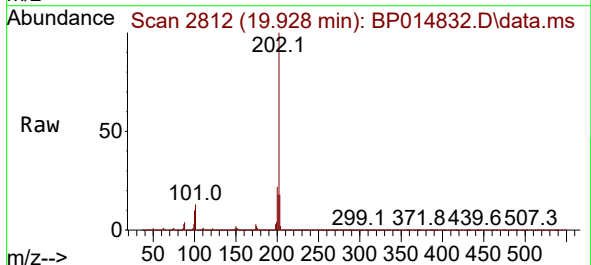
Tgt Ion:202 Resp: 7791017

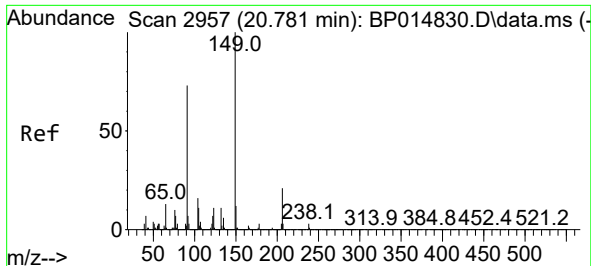
Ion Ratio Lower Upper

202 100

101 13.2 11.1 16.7

100 10.4 9.0 13.6

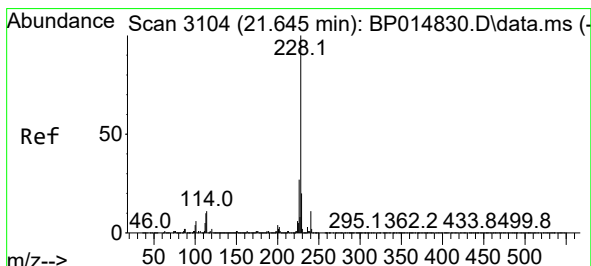
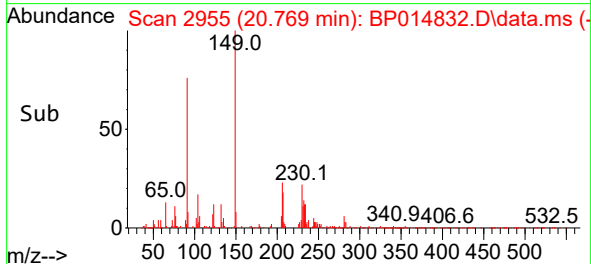
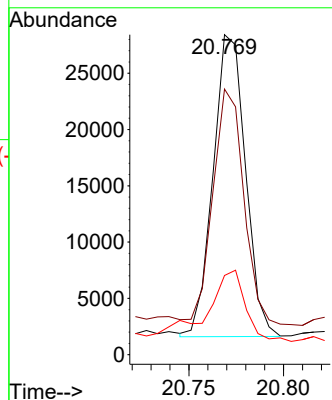
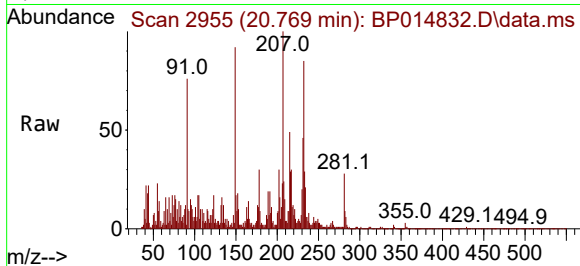




#83
Butylbenzylphthalate
Concen: 1.022 ng/ul
RT: 20.769 min Scan# 2957
Delta R.T. -0.006 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

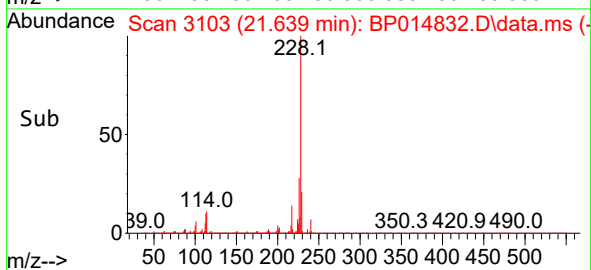
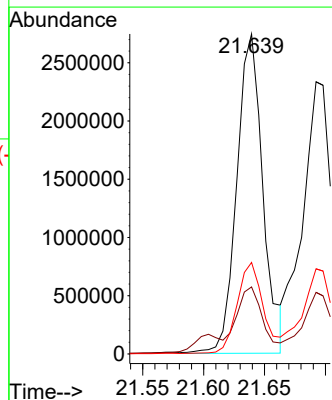
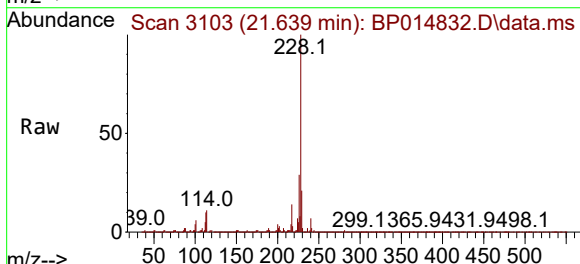
Instrument :
BNA_P
ClientSampleId :
EW8Y7

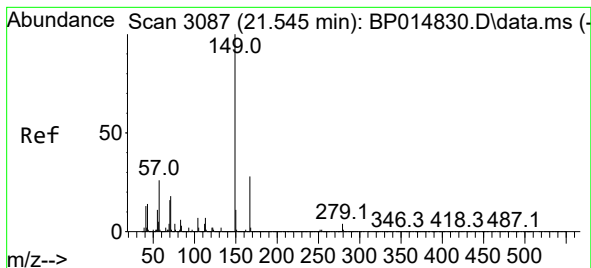
Tgt Ion:149 Resp: 31930
Ion Ratio Lower Upper
149 100
91 83.0 58.5 87.7
206 24.8 16.7 25.1



#85
Benzo(a)anthracene
Concen: 46.738 ng/ul
RT: 21.639 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

Tgt Ion:228 Resp: 4085687
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.6 22.0 33.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.702 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

Instrument :

BNA_P

ClientSampleId :

EW8Y7

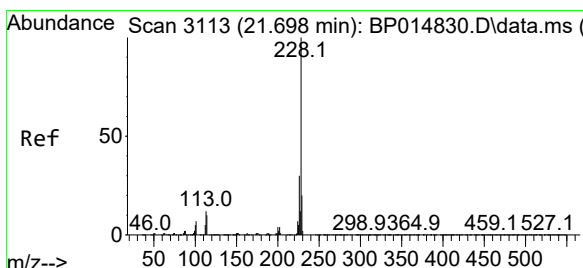
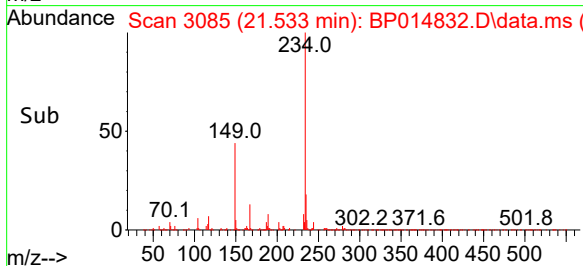
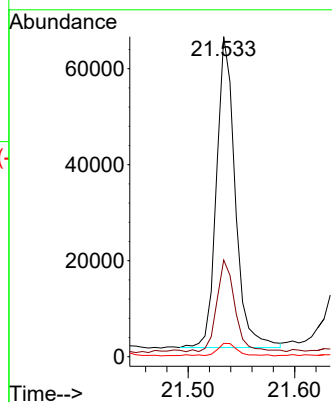
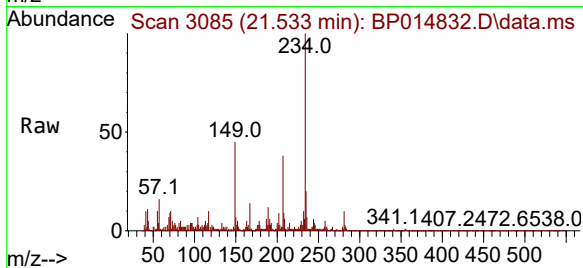
Tgt Ion:149 Resp: 78953

Ion Ratio Lower Upper

149 100

167 30.2 21.8 32.6

279 4.1 3.4 5.0



#87

Chrysene

Concen: 45.880 ng/ul

RT: 21.692 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

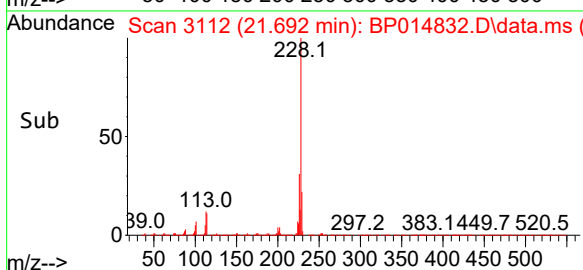
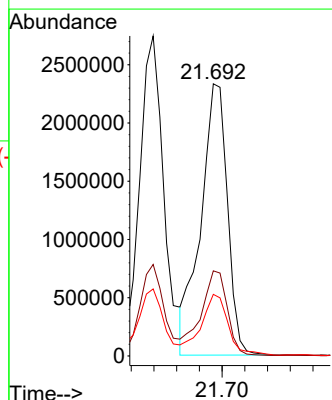
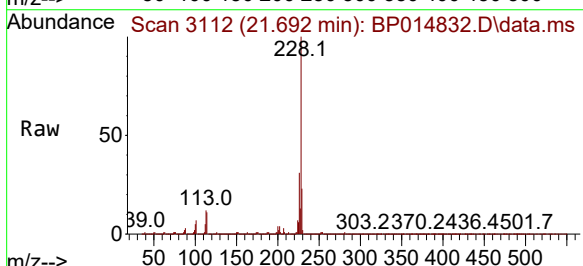
Tgt Ion:228 Resp: 3802003

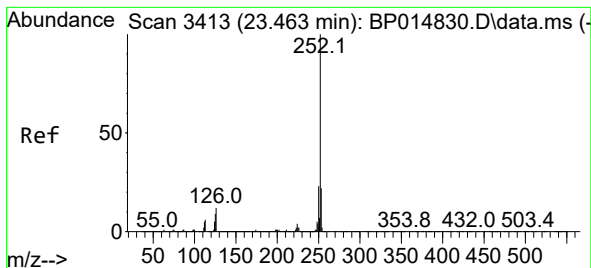
Ion Ratio Lower Upper

228 100

226 31.3 24.5 36.7

229 22.6 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 56.506 ng/ul

RT: 23.457 min Scan# 3412

Delta R.T. 0.006 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

Instrument :

BNA_P

ClientSampleId :

EW8Y7

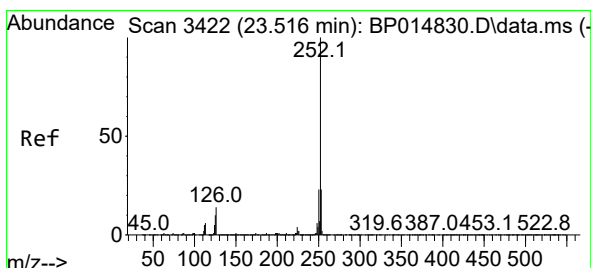
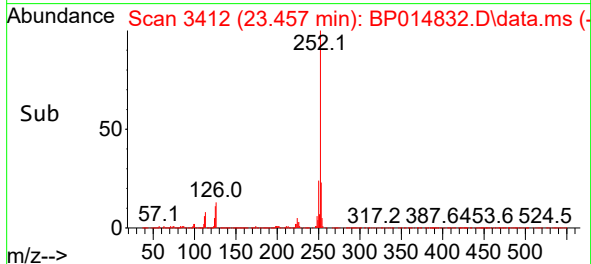
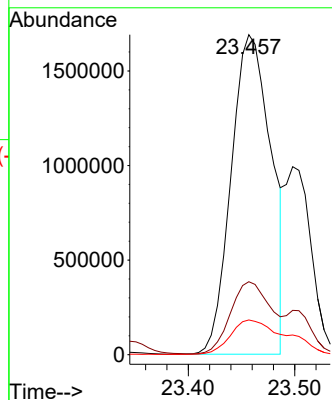
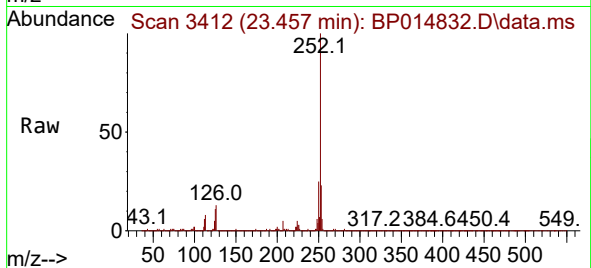
Tgt Ion:252 Resp: 4407951

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 10.8 7.8 11.8



#91

Benzo(k)fluoranthene

Concen: 58.262 ng/ul

RT: 23.457 min Scan# 3412

Delta R.T. -0.047 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

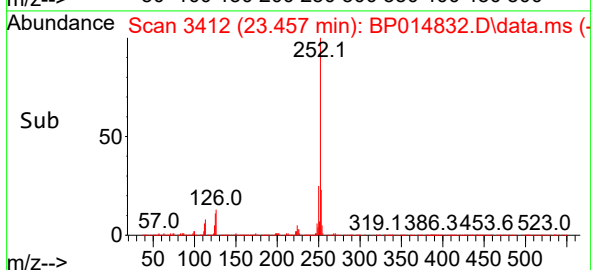
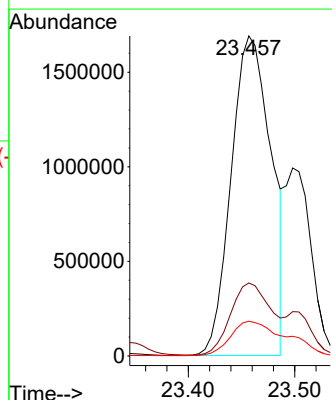
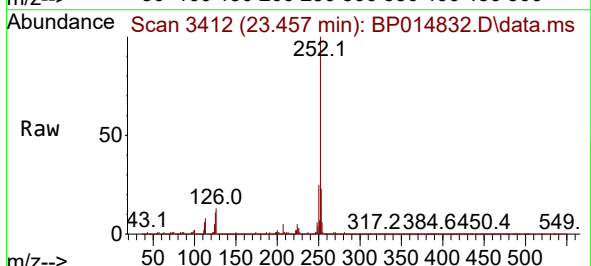
Tgt Ion:252 Resp: 4407951

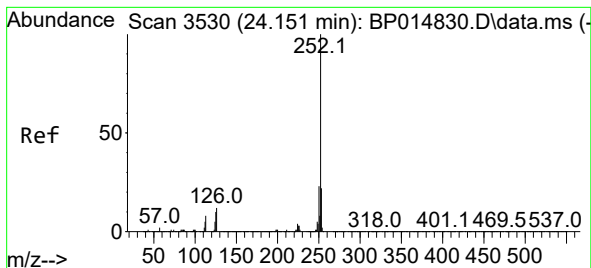
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 10.8 7.9 11.9





#93

Benzo(a)pyrene

Concen: 47.710 ng/ul

RT: 24.139 min Scan# 3152373

Delta R.T. 0.000 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

Instrument :

BNA_P

ClientSampleId :

EW8Y7

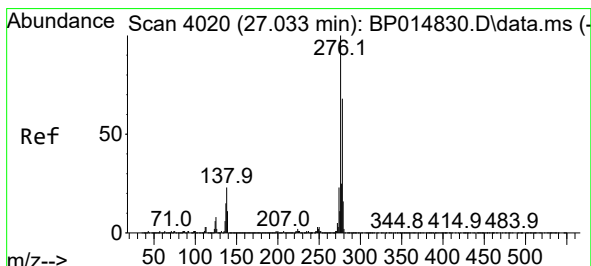
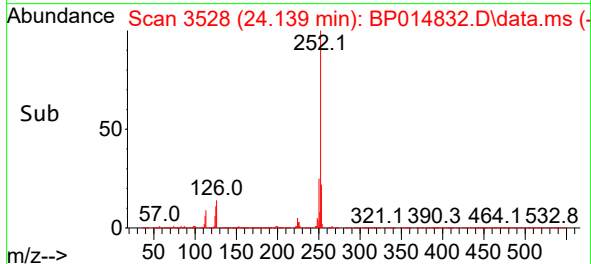
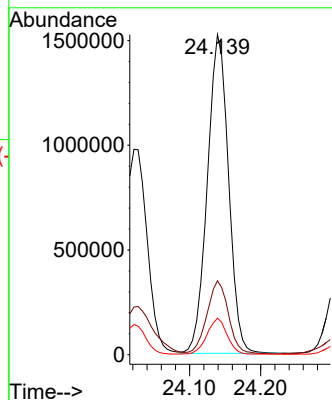
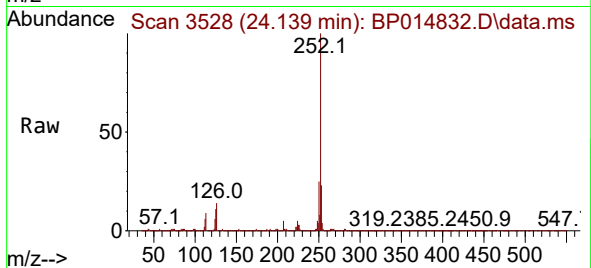
Tgt Ion:252 Resp: 3152373

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 11.4 8.6 12.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.312 ng/ul

RT: 27.010 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP014832.D

Acq: 26 Apr 2023 10:29

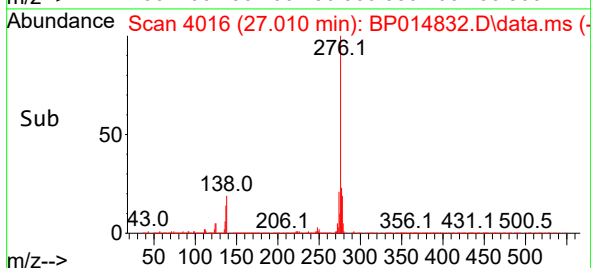
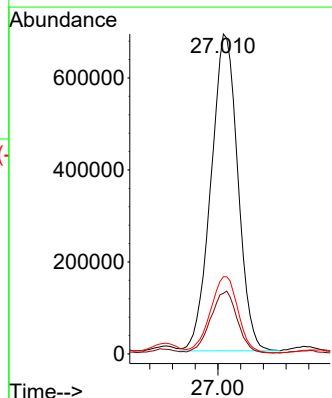
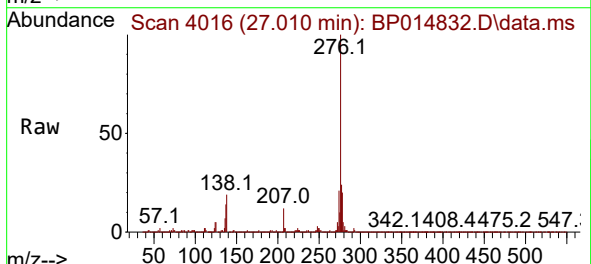
Tgt Ion:276 Resp: 2258466

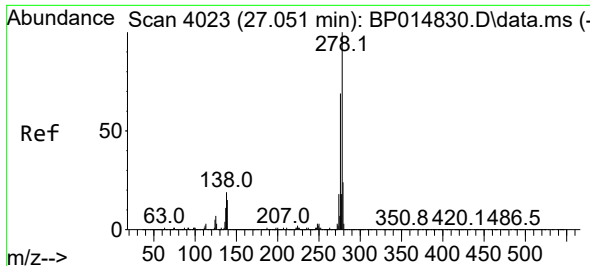
Ion Ratio Lower Upper

276 100

138 18.9 17.7 26.5

277 24.2 19.6 29.4

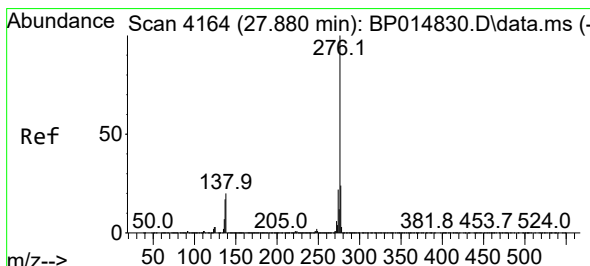
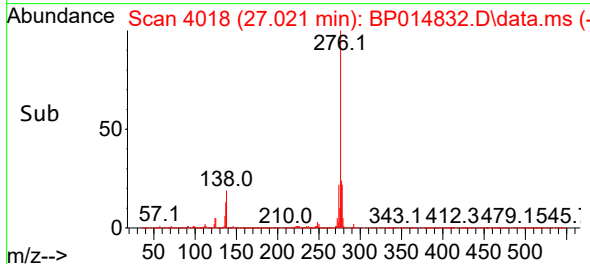
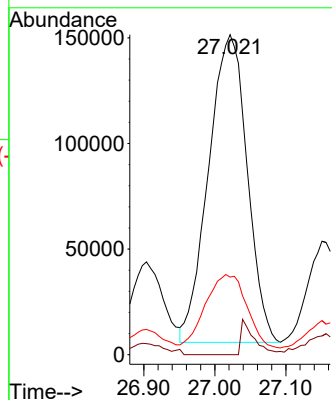
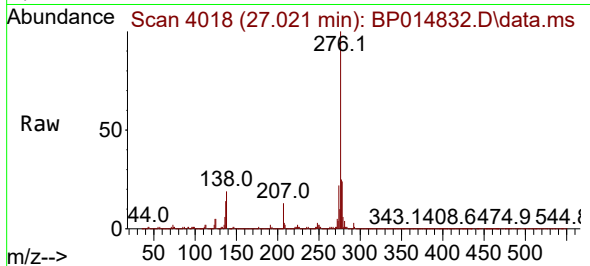




#95
Dibenzo(a,h)anthracene
Concen: 8.857 ng/ul
RT: 27.021 min Scan# 4023
Delta R.T. -0.012 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

Instrument :
BNA_P
ClientSampleId :
EW8Y7

Tgt Ion:278 Resp: 550330
Ion Ratio Lower Upper
278 100
139 0.0 12.0 18.0#
279 24.3 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 32.722 ng/ul
RT: 27.863 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BP014832.D
Acq: 26 Apr 2023 10:29

Tgt Ion:276 Resp: 1931594
Ion Ratio Lower Upper
276 100
138 19.4 16.2 24.2
277 24.4 18.9 28.3

