

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014960.D
 Acq On : 04 May 2023 19:27
 Operator : CG/JU
 Sample : 02447-11 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW917

Quant Time: May 05 00:18:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

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

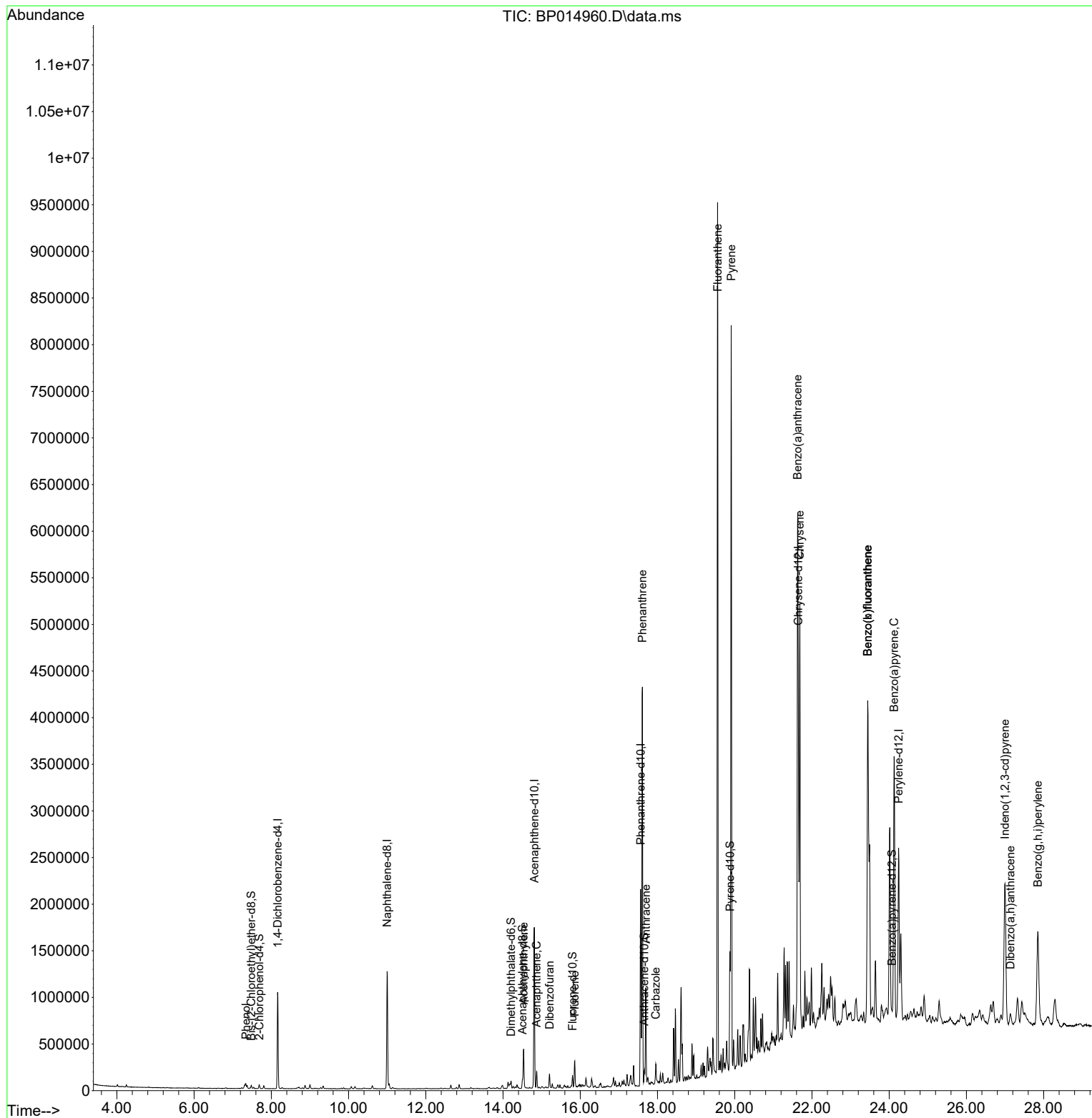
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	285828	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1048490	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	578031	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1254518	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1247685	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1494650	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1858	0.242	ng/uL	0.00
4) Pyridine-d5	3.893	84	533	0.025	ng/ul	0.00
7) Phenol-d5	7.311	99	22588	0.912	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	15424	1.007	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	19099	1.048	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	15486	0.811	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	7245	0.972	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	7341	0.959	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	13279	0.883	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	6798	0.313	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	50373	1.231	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	55993	1.141	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	1592	0.224	ng/ul	0.01
60) Fluorene-d10	15.798	176	44726	1.271	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	2010	0.285	ng/ul	0.00
73) Anthracene-d10	17.663	188	72228	1.281	ng/ul	0.00
81) Pyrene-d10	19.881	212	92895	1.104	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	95200	1.307	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.340	94	34362	1.321	ng/ul	97
50) Acenaphthylene	14.534	152	307582	5.530	ng/ul	99
52) Acenaphthene	14.869	153	67878	1.763	ng/ul	97
56) Dibenzofuran	15.204	168	76926	1.481	ng/ul	99
61) Fluorene	15.857	166	132227	3.227	ng/ul	99
72) Phenanthrene	17.610	178	2568781	37.064	ng/ul	100
74) Anthracene	17.698	178	634476	9.195	ng/ul	99
77) Carbazole	17.957	167	126140	2.173	ng/ul	100
80) Fluoranthene	19.557	202	5416679	52.457	ng/ul	99
82) Pyrene	19.910	202	4746236	43.384	ng/ul	98
85) Benzo(a)anthracene	21.628	228	2689731	32.298	ng/ul	99
87) Chrysene	21.686	228	2600987	31.018	ng/ul	98
90) Benzo(b)fluoranthene	23.445	252	3520240	36.443	ng/ul	98
91) Benzo(k)fluoranthene	23.445	252	3520240	35.808	ng/ul	99
93) Benzo(a)pyrene	24.127	252	2328457	27.486	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.998	276	1699396	16.445	ng/ul	96
95) Dibenzo(a,h)anthracene	27.139	278	127478	1.505	ng/ul	94
96) Benzo(g,h,i)perylene	27.851	276	1469080	16.704	ng/ul	97

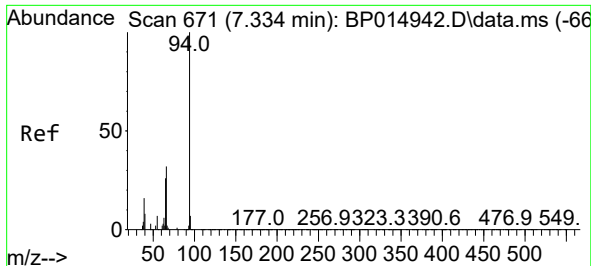
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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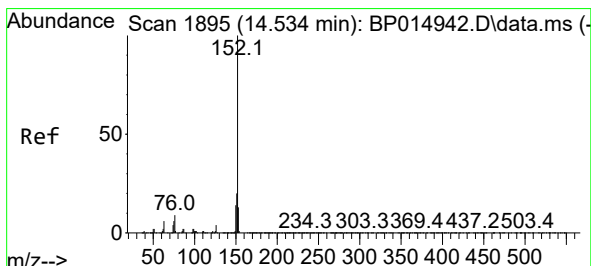
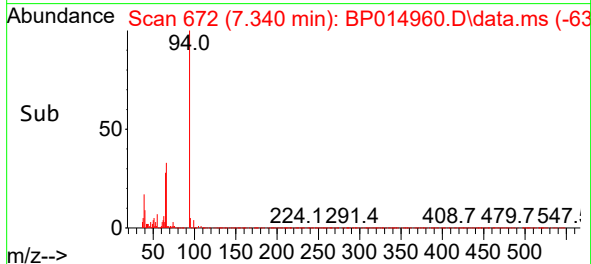
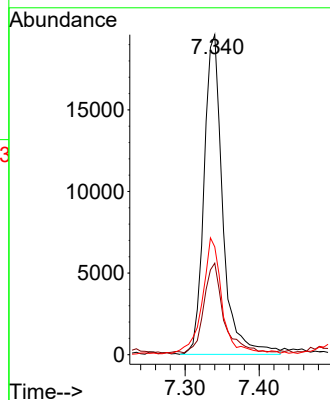
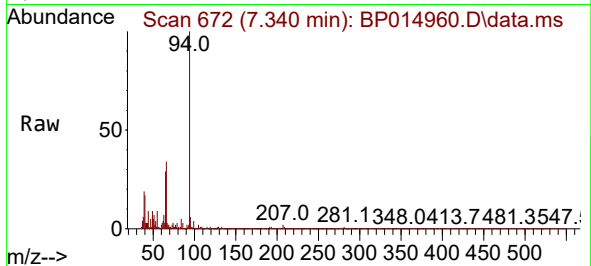




#8
Phenol
Concen: 1.321 ng/ul
RT: 7.340 min Scan# 671
Delta R.T. 0.006 min
Lab File: BP014960.D
Acq: 04 May 2023 19:27

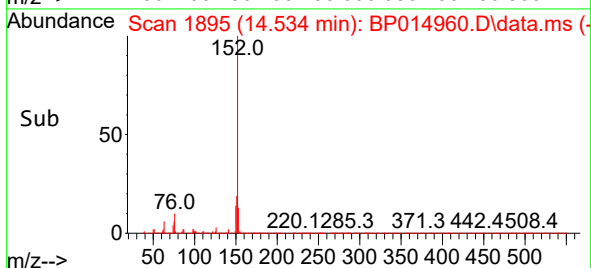
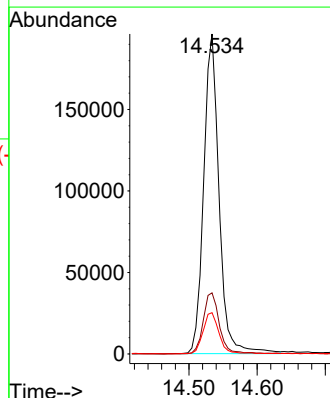
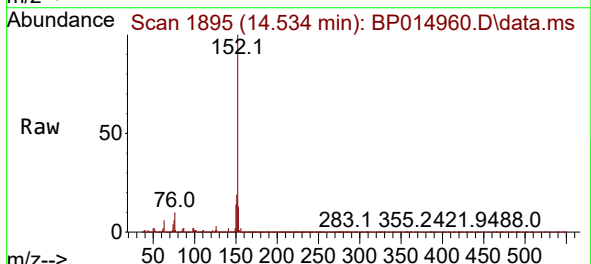
Instrument :
BNA_P
ClientSampleId :
EW917

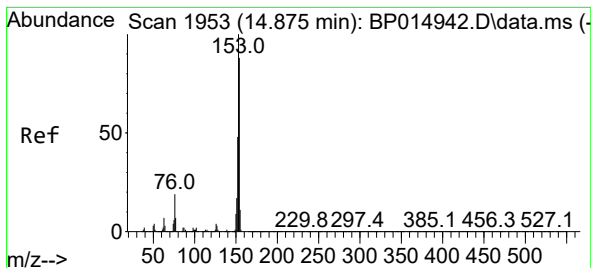
Tgt Ion: 94 Resp: 34362
Ion Ratio Lower Upper
94 100
65 28.6 21.4 32.0
66 33.7 25.8 38.8



#50
Acenaphthylene
Concen: 5.530 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP014960.D
Acq: 04 May 2023 19:27

Tgt Ion: 152 Resp: 307582
Ion Ratio Lower Upper
152 100
151 19.1 16.1 24.1
153 12.9 10.4 15.6





#52

Acenaphthene

Concen: 1.763 ng/ul

RT: 14.869 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BP014960.D

Acq: 04 May 2023 19:27

Instrument :

BNA_P

ClientSampleId :

EW917

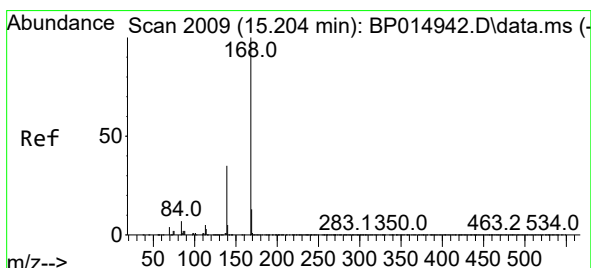
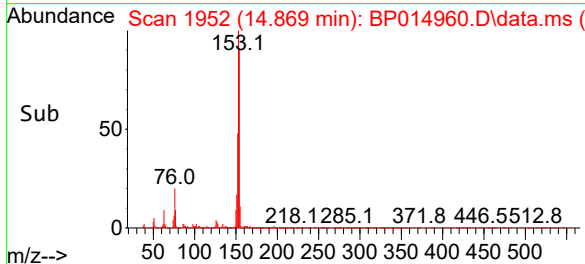
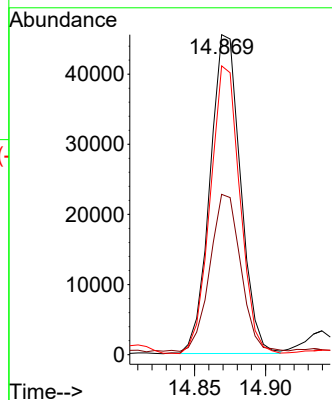
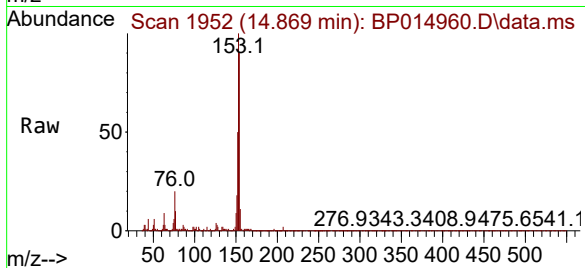
Tgt Ion:153 Resp: 67878

Ion Ratio Lower Upper

153 100

152 50.1 38.8 58.2

154 90.3 69.6 104.4



#56

Dibenzofuran

Concen: 1.481 ng/ul

RT: 15.204 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BP014960.D

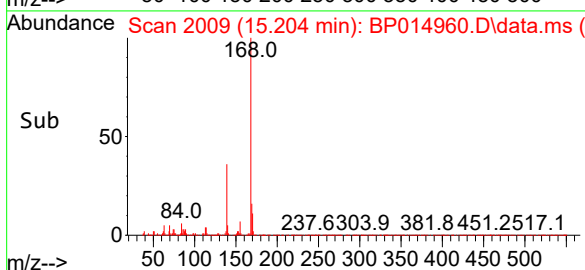
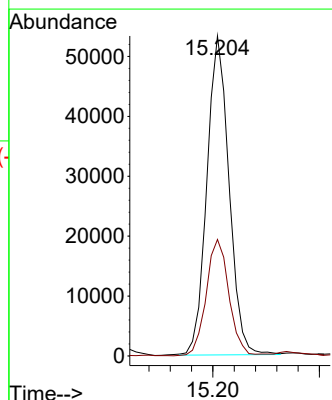
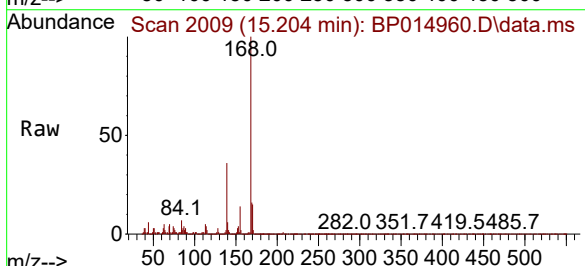
Acq: 04 May 2023 19:27

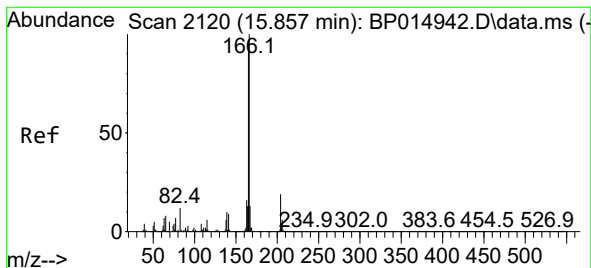
Tgt Ion:168 Resp: 76926

Ion Ratio Lower Upper

168 100

139 36.4 28.6 42.8





#61

Fluorene

Concen: 3.227 ng/ul

RT: 15.857 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BP014960.D

Acq: 04 May 2023 19:27

Instrument :

BNA_P

ClientSampleId :

EW917

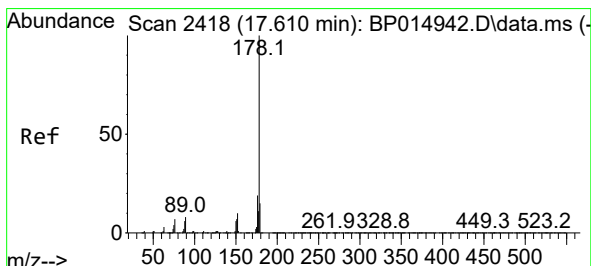
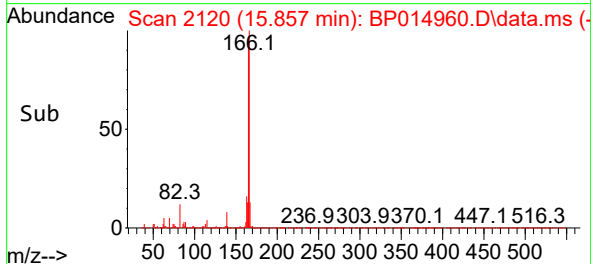
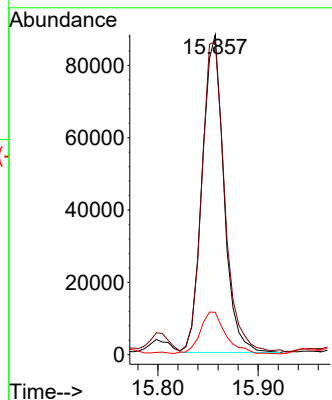
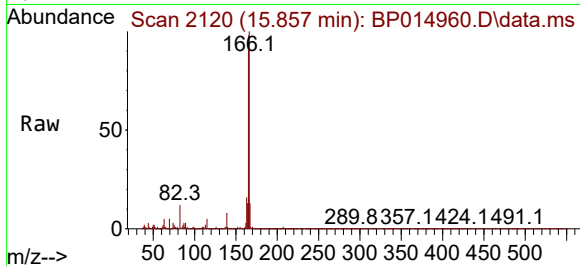
Tgt Ion:166 Resp: 132227

Ion Ratio Lower Upper

166 100

165 97.9 79.3 118.9

167 13.3 10.7 16.1



#72

Phenanthrene

Concen: 37.064 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BP014960.D

Acq: 04 May 2023 19:27

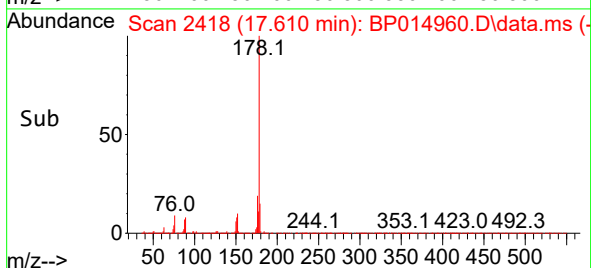
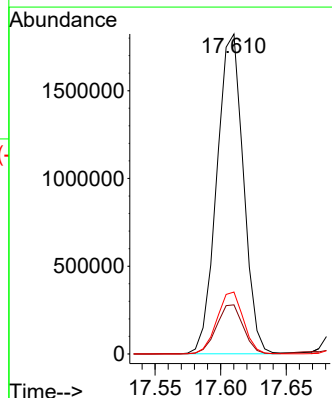
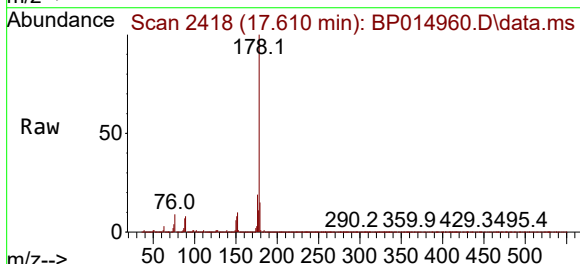
Tgt Ion:178 Resp: 2568781

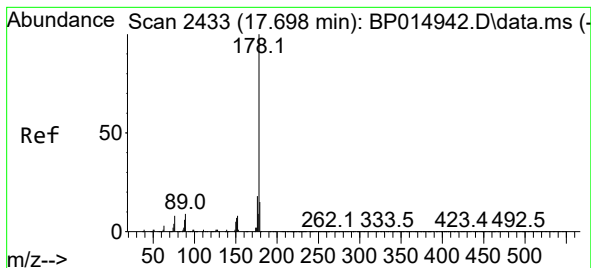
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.4 15.4 23.0





#74

Anthracene

Concen: 9.195 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP014960.D

Acq: 04 May 2023 19:27

Instrument :

BNA_P

ClientSampleId :

EW917

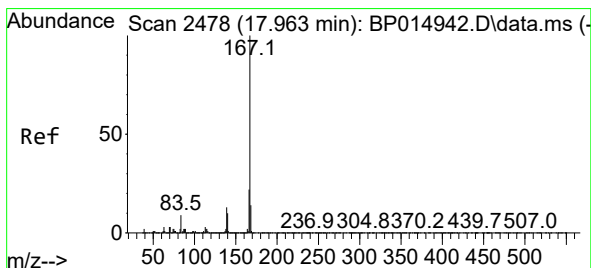
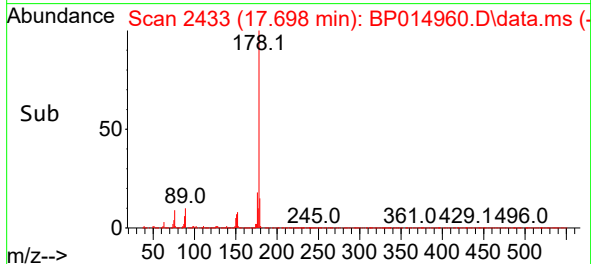
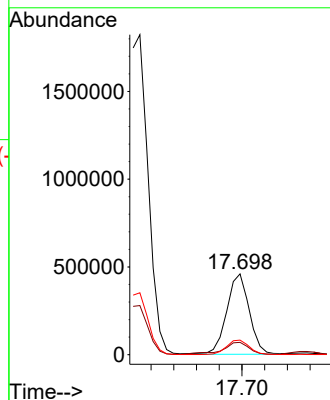
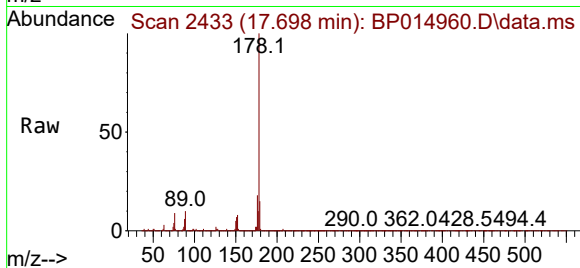
Tgt Ion:178 Resp: 634476

Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

176 18.1 15.0 22.4



#77

Carbazole

Concen: 2.173 ng/ul

RT: 17.957 min Scan# 2477

Delta R.T. -0.006 min

Lab File: BP014960.D

Acq: 04 May 2023 19:27

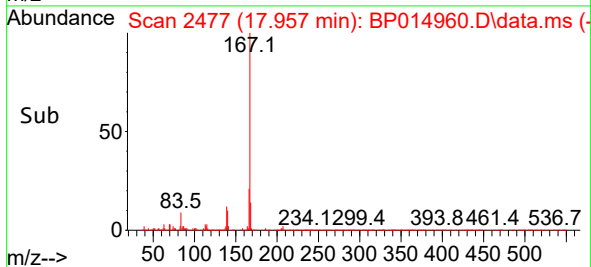
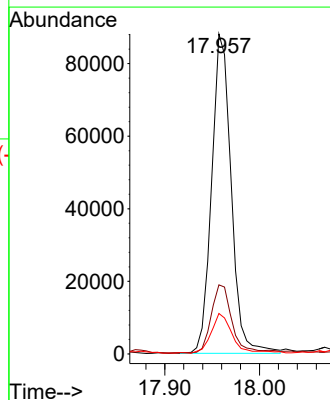
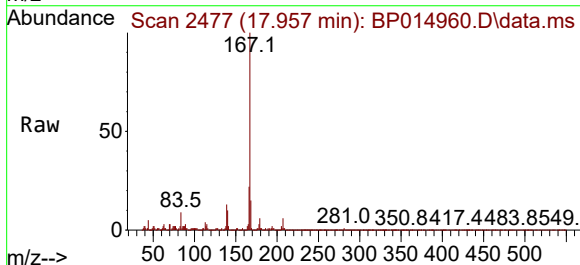
Tgt Ion:167 Resp: 126140

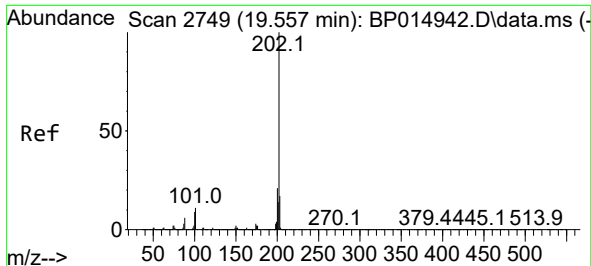
Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.6 10.1 15.1

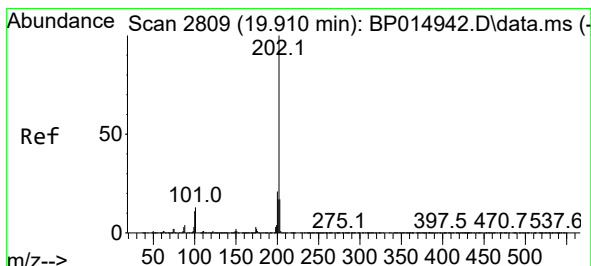
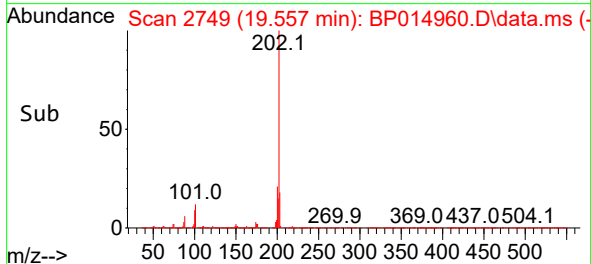
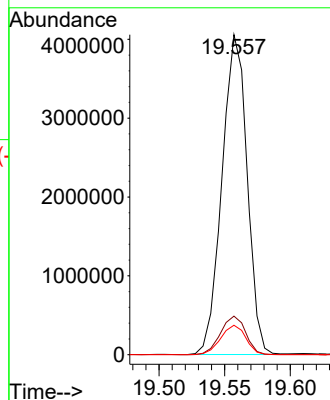
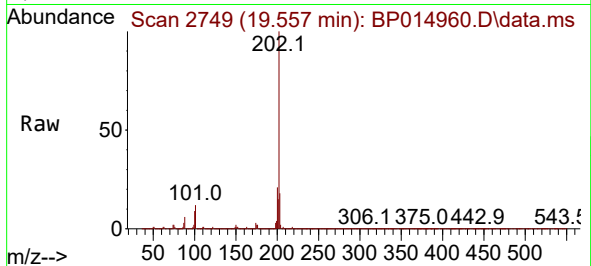




#80
Fluoranthene
Concen: 52.457 ng/ul
RT: 19.557 min Scan# 2749
Delta R.T. 0.000 min
Lab File: BP014960.D
Acq: 04 May 2023 19:27

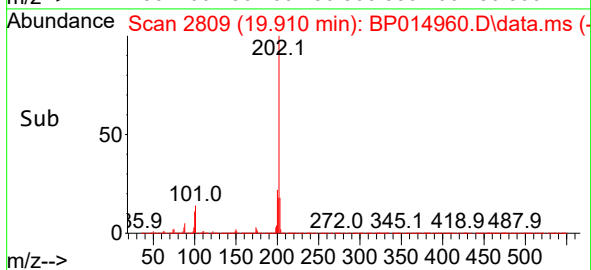
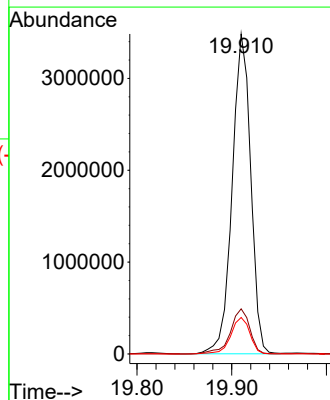
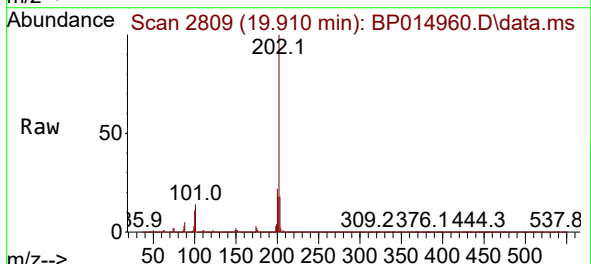
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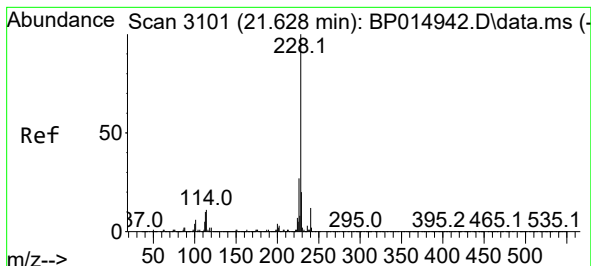
Tgt Ion:202 Resp: 5416679
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.2 7.7 11.5



#82
Pyrene
Concen: 43.384 ng/ul
RT: 19.910 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP014960.D
Acq: 04 May 2023 19:27

Tgt Ion:202 Resp: 4746236
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 11.4 9.7 14.5





#85

Benzo(a)anthracene

Concen: 32.298 ng/ul

RT: 21.628 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014960.D

Acq: 04 May 2023 19:27

Instrument :

BNA_P

ClientSampleId :

EW917

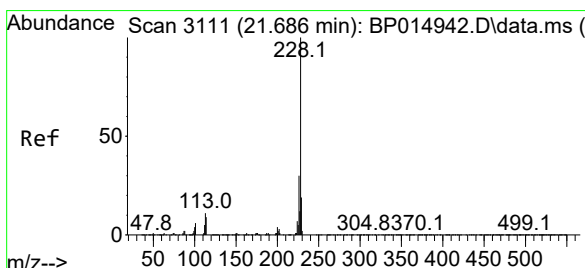
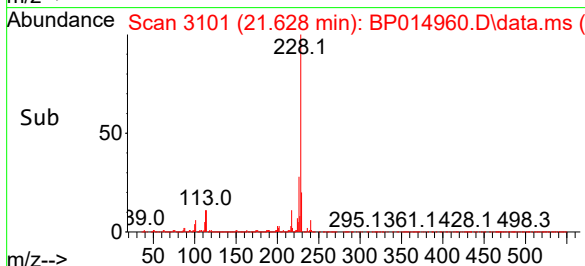
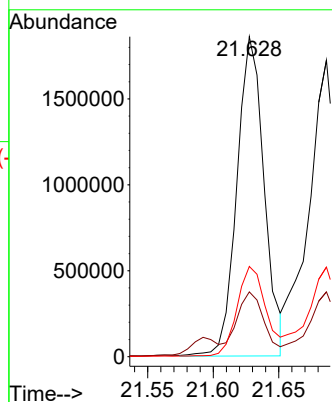
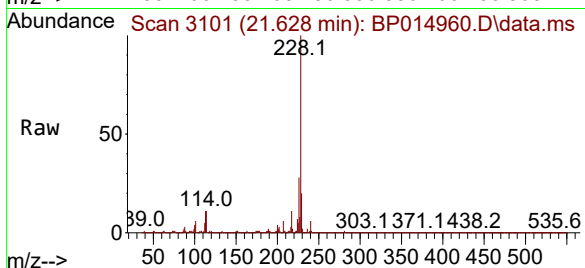
Tgt Ion:228 Resp: 2689731

Ion Ratio Lower Upper

228 100

229 20.3 15.9 23.9

226 28.2 22.1 33.1



#87

Chrysene

Concen: 31.018 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP014960.D

Acq: 04 May 2023 19:27

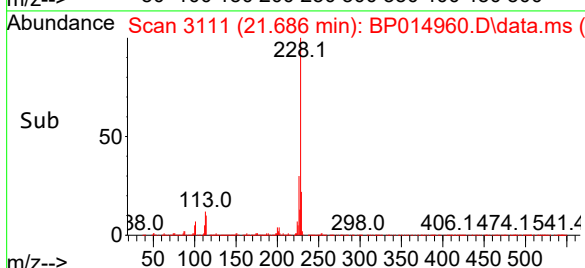
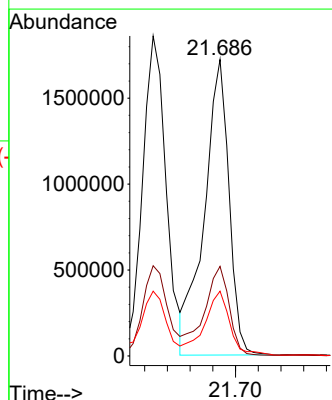
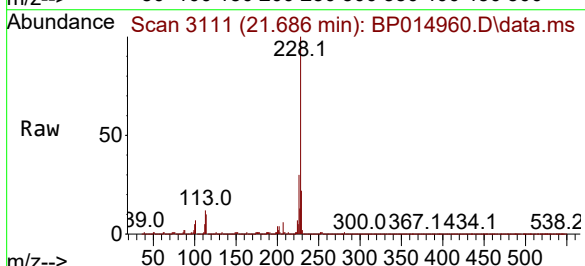
Tgt Ion:228 Resp: 2600987

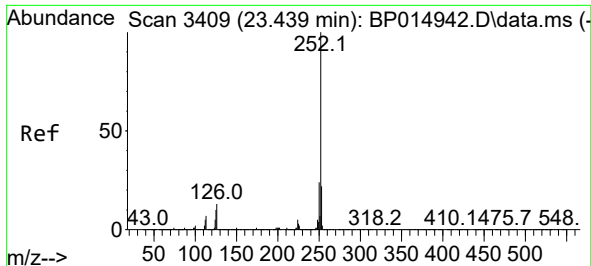
Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 21.9 15.8 23.8

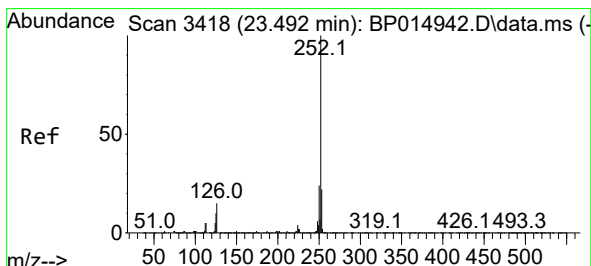
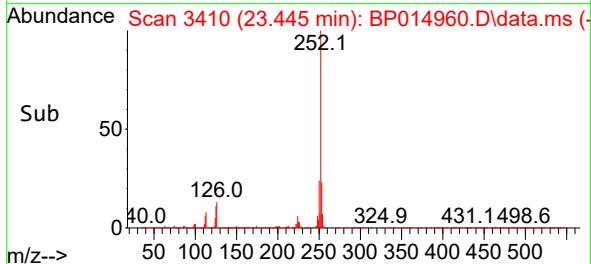
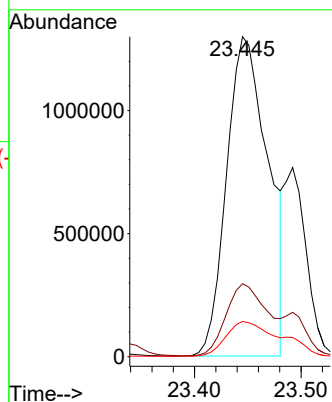
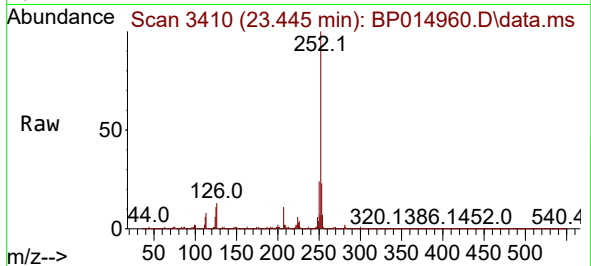




#90
Benzo(b)fluoranthene
Concen: 36.443 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014960.D
Acq: 04 May 2023 19:27

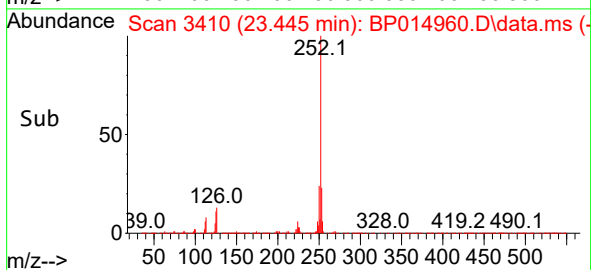
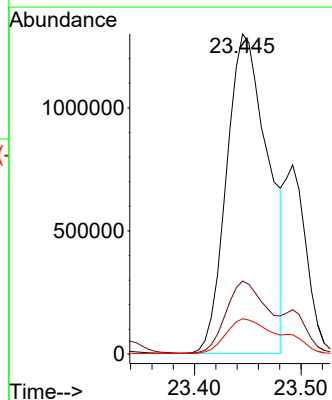
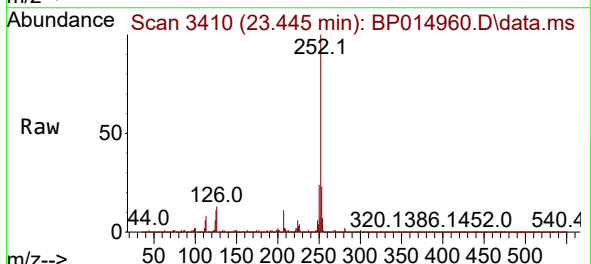
Instrument :
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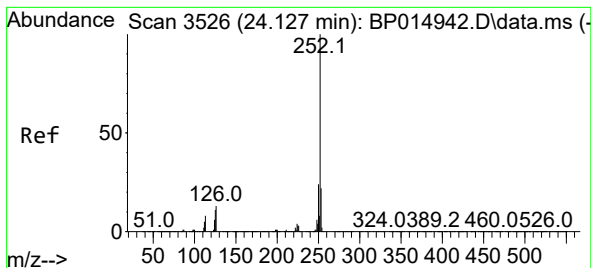
Tgt Ion:252 Resp: 3520240
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.0 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 35.808 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.047 min
Lab File: BP014960.D
Acq: 04 May 2023 19:27

Tgt Ion:252 Resp: 3520240
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.0 8.9 13.3





#93

Benzo(a)pyrene

Concen: 27.486 ng/ul

RT: 24.127 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP014960.D

Acq: 04 May 2023 19:27

Instrument :

BNA_P

ClientSampleId :

EW917

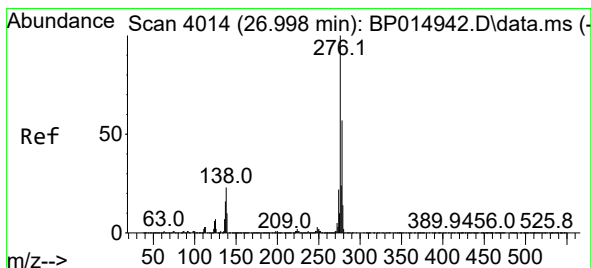
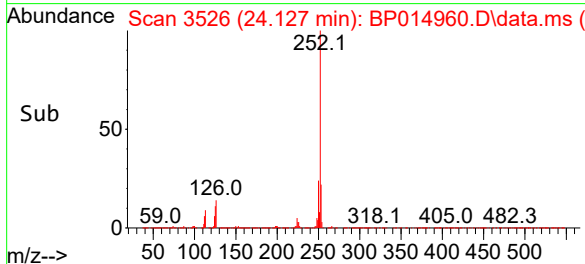
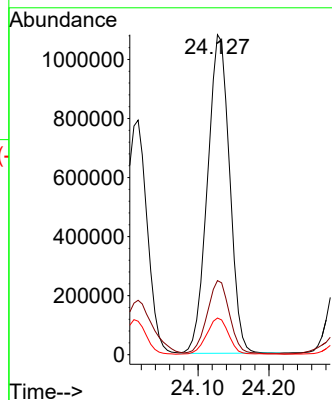
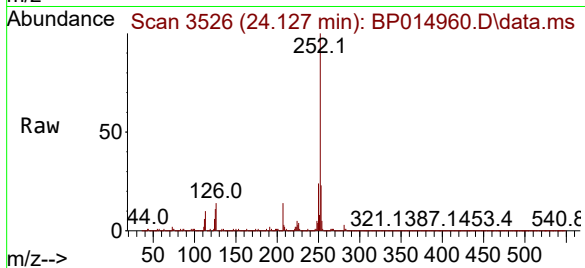
Tgt Ion:252 Resp: 2328457

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 11.4 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.445 ng/ul

RT: 26.998 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP014960.D

Acq: 04 May 2023 19:27

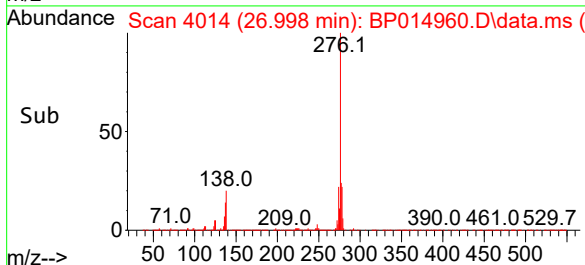
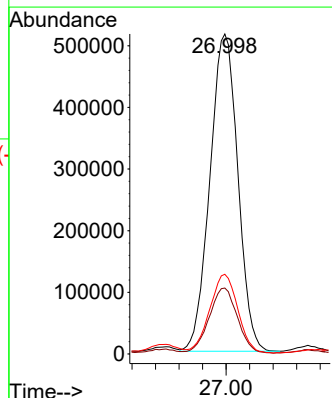
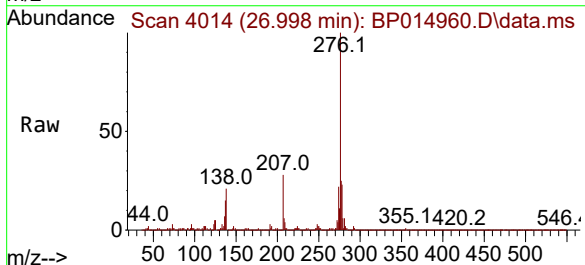
Tgt Ion:276 Resp: 1699396

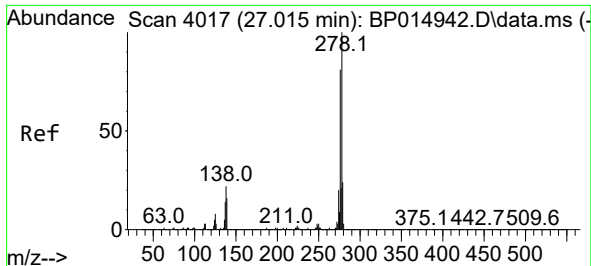
Ion Ratio Lower Upper

276 100

138 20.6 19.4 29.0

277 24.9 19.4 29.2

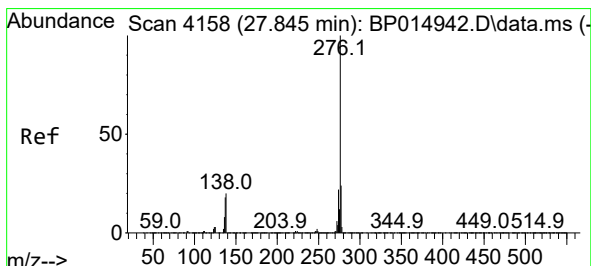
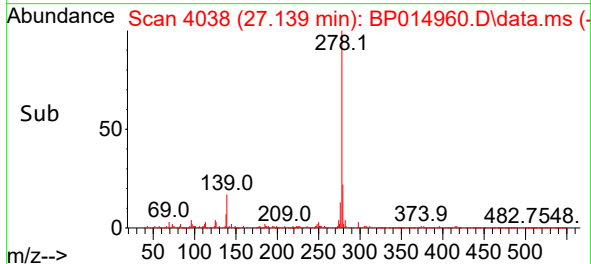
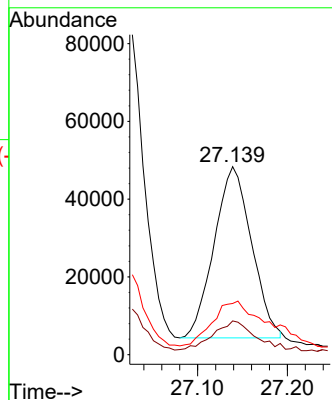
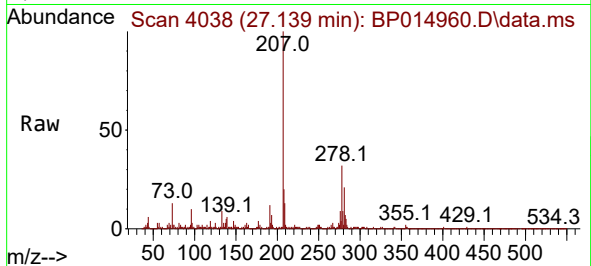




#95
Dibenzo(a,h)anthracene
Concen: 1.505 ng/ul
RT: 27.139 min Scan# 4017
Delta R.T. 0.124 min
Lab File: BP014960.D
Acq: 04 May 2023 19:27

Instrument :
BNA_P
ClientSampleId :
EW917

Tgt Ion:278 Resp: 127478
Ion Ratio Lower Upper
278 100
139 18.0 12.9 19.3
279 27.2 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 16.704 ng/ul
RT: 27.851 min Scan# 4159
Delta R.T. 0.006 min
Lab File: BP014960.D
Acq: 04 May 2023 19:27

Tgt Ion:276 Resp: 1469080
Ion Ratio Lower Upper
276 100
138 20.7 18.0 27.0
277 23.8 19.8 29.8

