

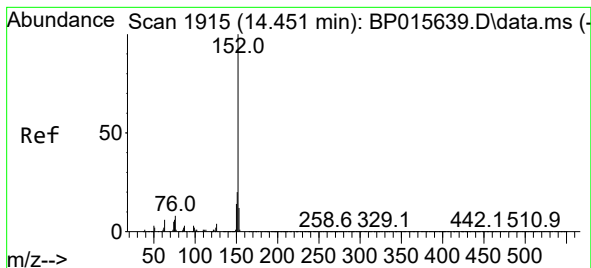
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015651.D
 Acq On : 22 Jun 2023 17:20
 Operator : MA/JU
 Sample : 03083-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL5

Quant Time: Jun 22 22:06:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	135063	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	559184	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	321959	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.487	188	556994	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	449241	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	584004	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	11730	3.216	ng/uL	0.00
4) Pyridine-d5	3.846	84	85721	9.048	ng/ul	0.00
7) Phenol-d5	7.240	99	224490	18.042	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	144300	19.418	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	185137	20.522	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	179526	17.580	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	93901	21.389	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	107742	21.490	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	183385	20.052	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	131489	10.016	ng/ul	0.01
46) Dimethylphthalate-d6	14.134	166	604198	23.798	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	662023	23.847	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	52455	11.537	ng/ul	0.02
60) Fluorene-d10	15.722	176	467692	21.845	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	56314	15.959	ng/ul	0.00
73) Anthracene-d10	17.592	188	599413	23.653	ng/ul	0.00
81) Pyrene-d10	19.816	212	644975	26.825	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.969	264	736987	25.151	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	55706	1.812	ng/ul#	97
72) Phenanthrene	17.534	178	104487	3.496	ng/ul	99
74) Anthracene	17.628	178	33521	1.105	ng/ul	96
80) Fluoranthene	19.492	202	316370	10.802	ng/ul	98
82) Pyrene	19.845	202	268921	8.875	ng/ul	97
85) Benzo(a)anthracene	21.563	228	175411	5.585	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	77491	3.915	ng/ul	99
87) Chrysene	21.616	228	206575	6.959	ng/ul	97
90) Benzo(b)fluoranthene	23.345	252	383077	10.162	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	383077	10.512	ng/ul	99
93) Benzo(a)pyrene	24.016	252	240634	7.321	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	239786	5.637	ng/ul	96
95) Dibenzo(a,h)anthracene	26.839	278	59200	1.708	ng/ul#	69
96) Benzo(g,h,i)perylene	27.674	276	220879	6.301	ng/ul	98

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



#50

Acenaphthylene

Concen: 1.812 ng/ul

RT: 14.451 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

DCFL5

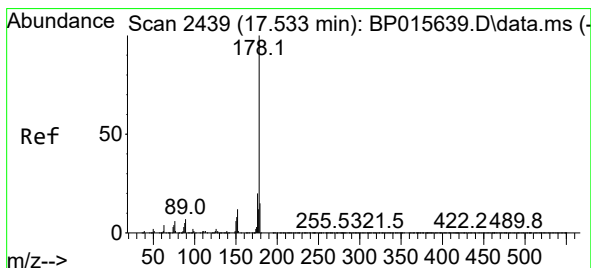
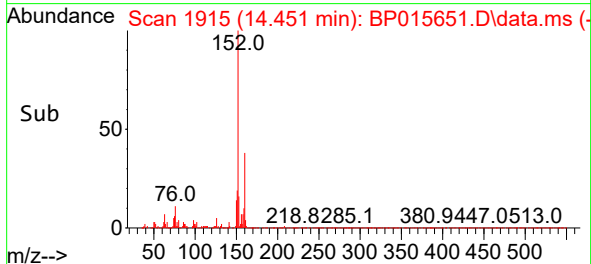
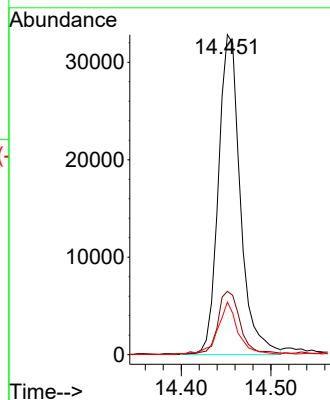
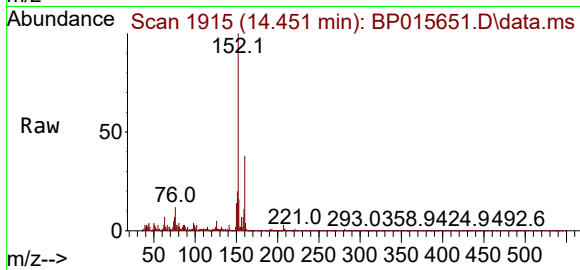
Tgt Ion:152 Resp: 55706

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 16.4 10.6 15.8#



#72

Phenanthrene

Concen: 3.496 ng/ul

RT: 17.534 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

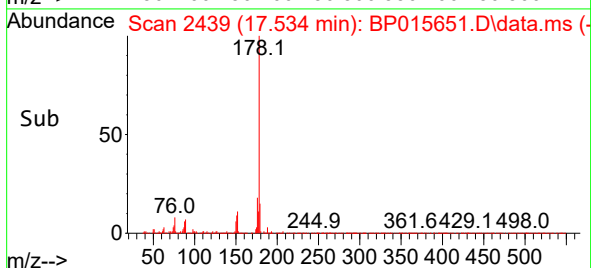
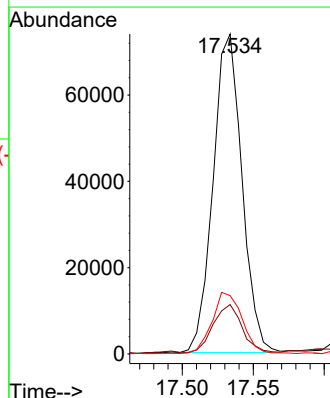
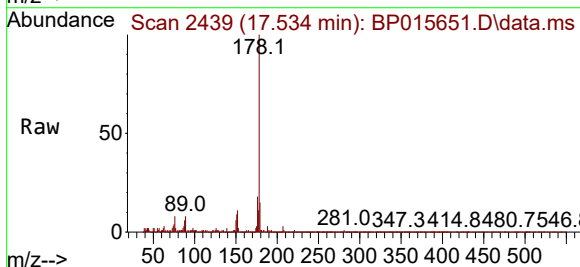
Tgt Ion:178 Resp: 104487

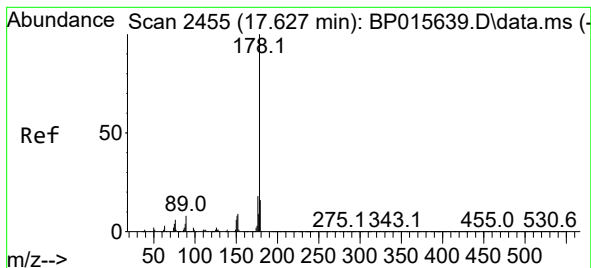
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.2 15.4 23.0





#74

Anthracene

Concen: 1.105 ng/ul

RT: 17.628 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

DCFL5

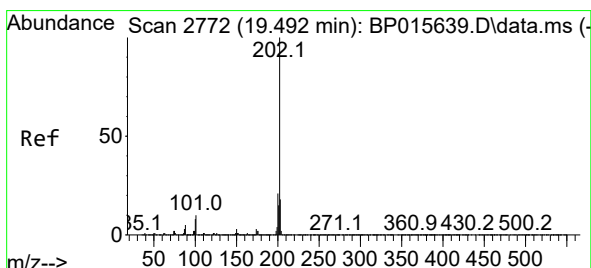
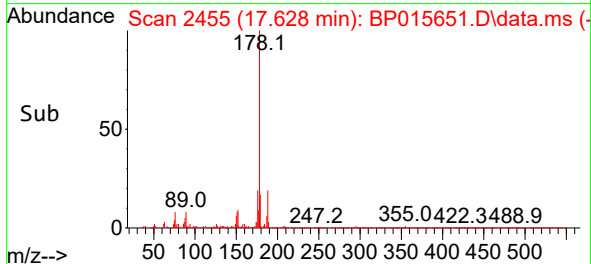
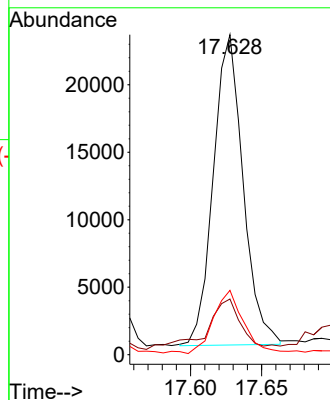
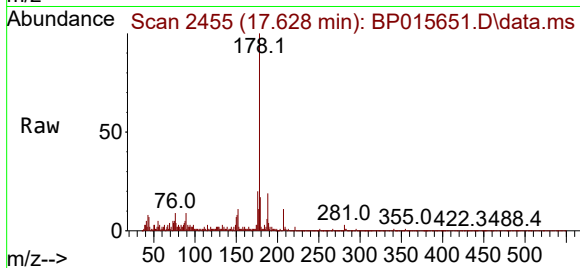
Tgt Ion:178 Resp: 33521

Ion Ratio Lower Upper

178 100

179 17.4 12.4 18.6

176 20.1 15.0 22.4



#80

Fluoranthene

Concen: 10.802 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

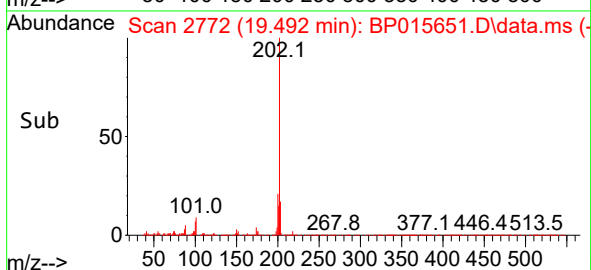
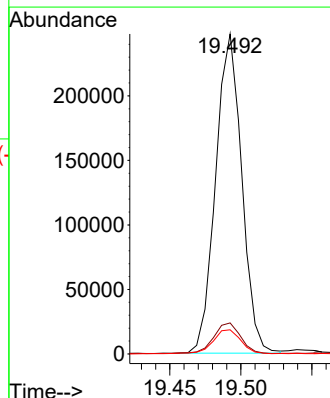
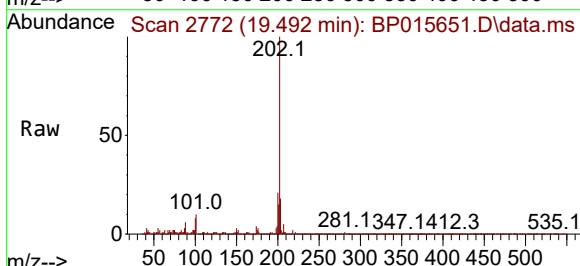
Tgt Ion:202 Resp: 316370

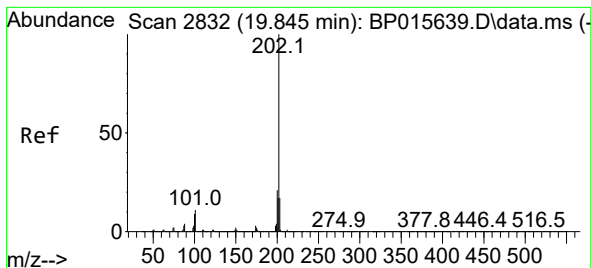
Ion Ratio Lower Upper

202 100

101 9.7 8.6 13.0

100 7.6 6.6 9.8





#82

Pyrene

Concen: 8.875 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

DCFL5

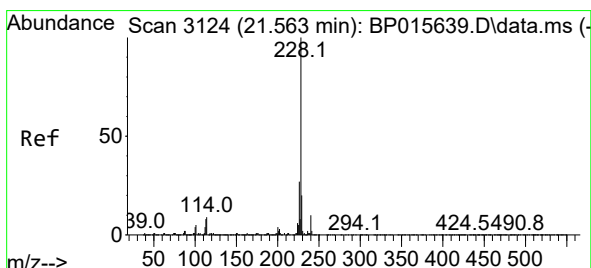
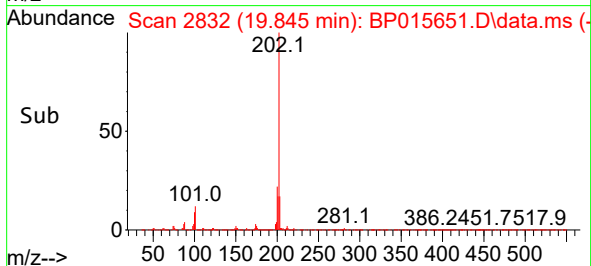
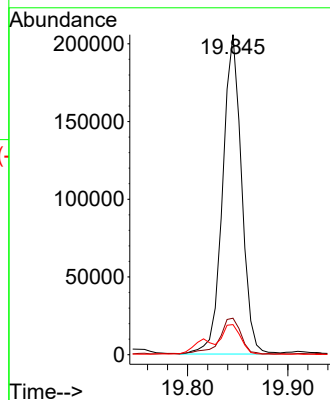
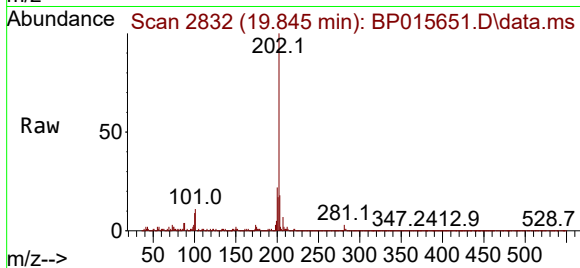
Tgt Ion:202 Resp: 268921

Ion Ratio Lower Upper

202 100

101 11.4 9.9 14.9

100 9.4 8.4 12.6



#85

Benzo(a)anthracene

Concen: 5.585 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

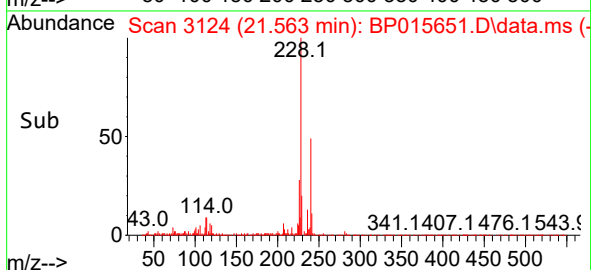
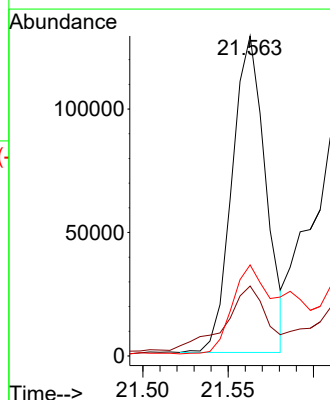
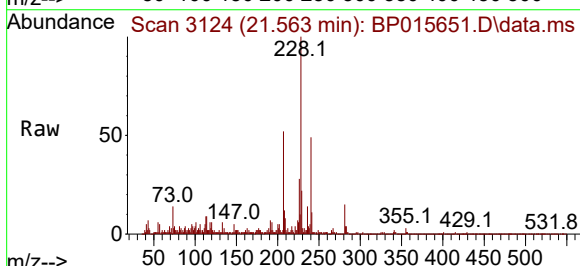
Tgt Ion:228 Resp: 175411

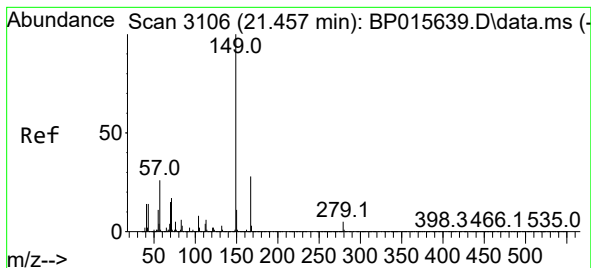
Ion Ratio Lower Upper

228 100

229 21.9 15.8 23.6

226 28.4 21.8 32.6

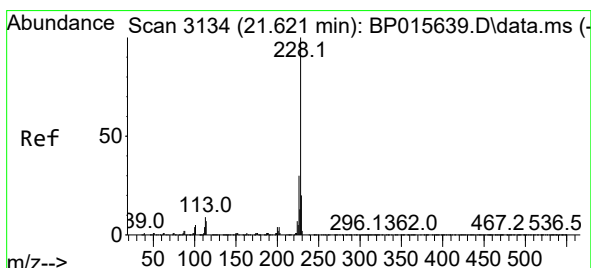
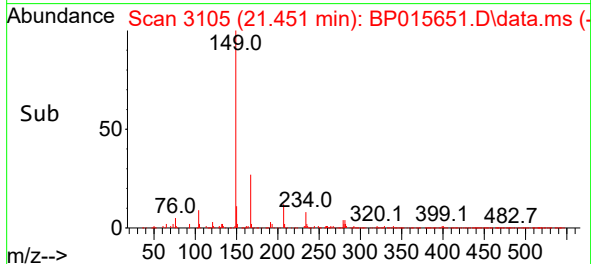
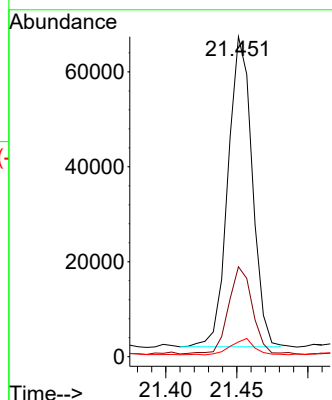
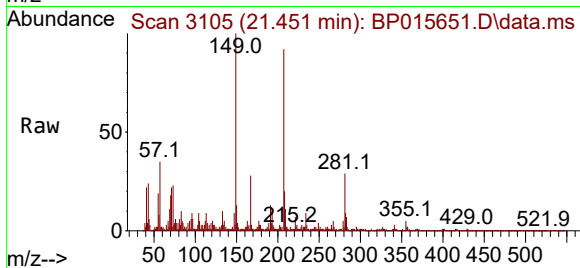




#86
Bis(2-ethylhexyl)phthalate
Concen: 3.915 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP015651.D
Acq: 22 Jun 2023 17:20

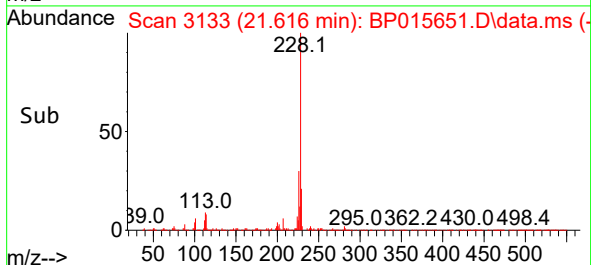
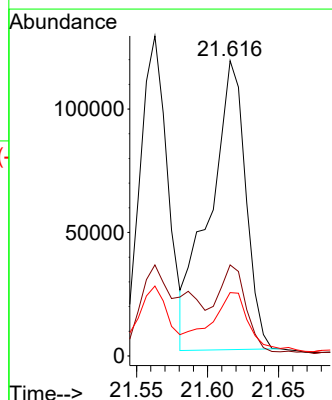
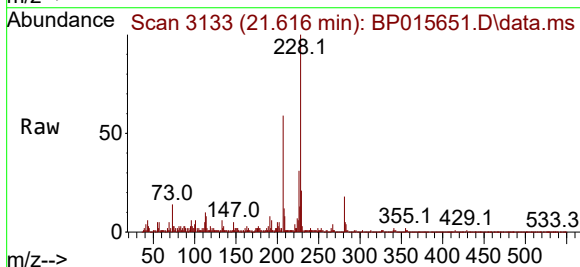
Instrument :
BNA_P
ClientSampleId :
DCFL5

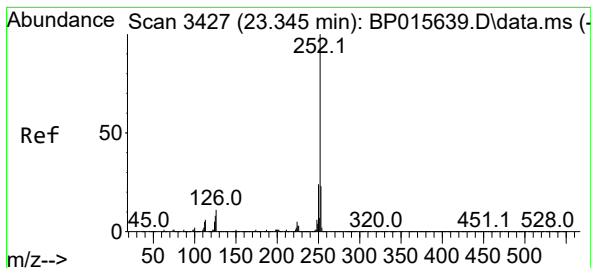
Tgt Ion:149 Resp: 77491
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 4.6 3.7 5.5



#87
Chrysene
Concen: 6.959 ng/ul
RT: 21.616 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP015651.D
Acq: 22 Jun 2023 17:20

Tgt Ion:228 Resp: 206575
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 21.5 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 10.162 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

DCFL5

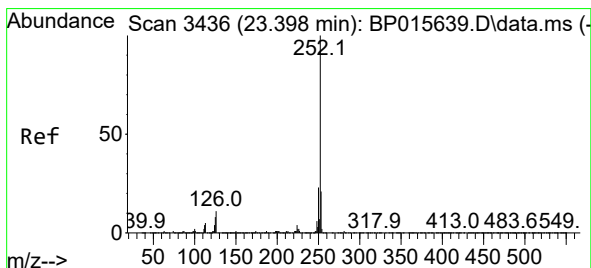
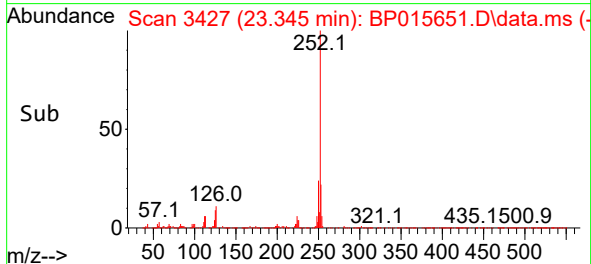
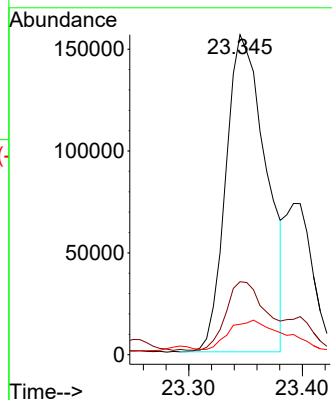
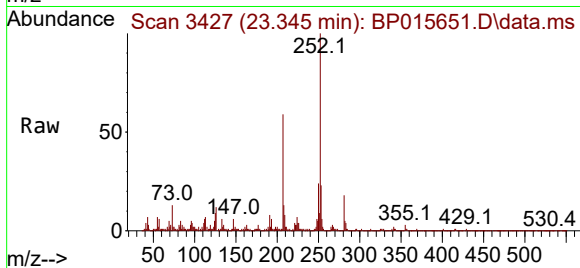
Tgt Ion:252 Resp: 383077

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 9.5 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 10.512 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.053 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

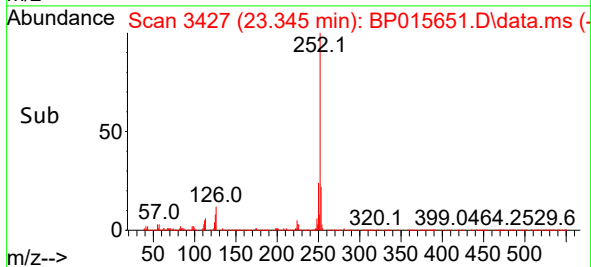
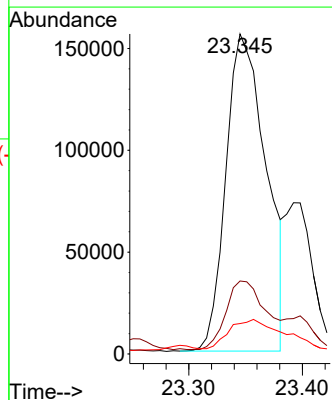
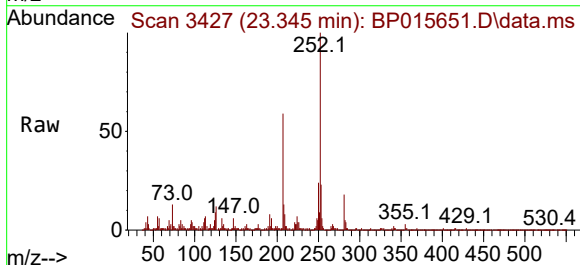
Tgt Ion:252 Resp: 383077

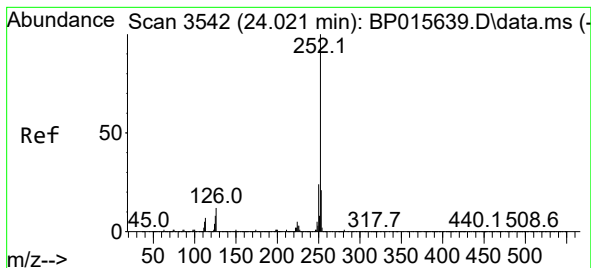
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 9.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 7.321 ng/ul

RT: 24.016 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

DCFL5

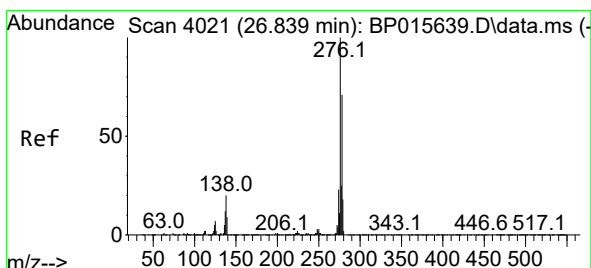
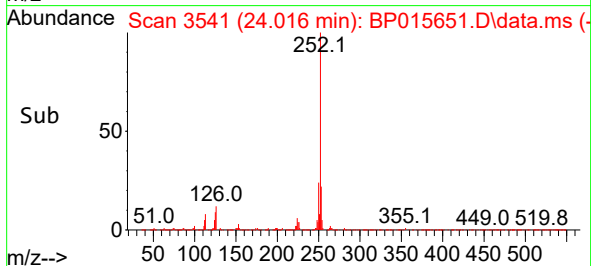
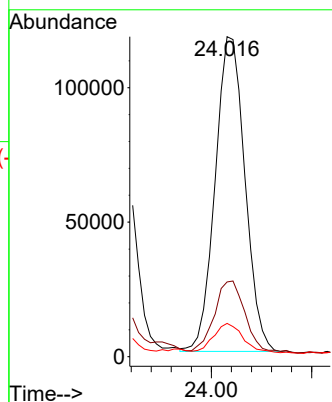
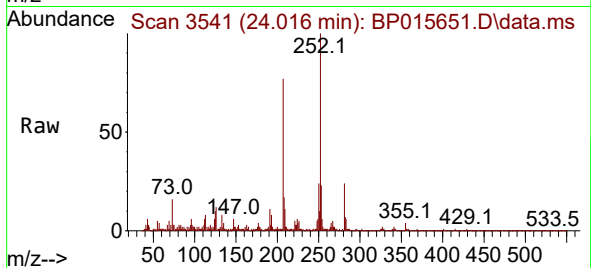
Tgt Ion:252 Resp: 240634

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 10.4 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.637 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. -0.006 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

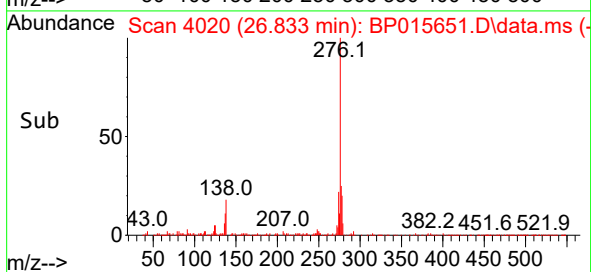
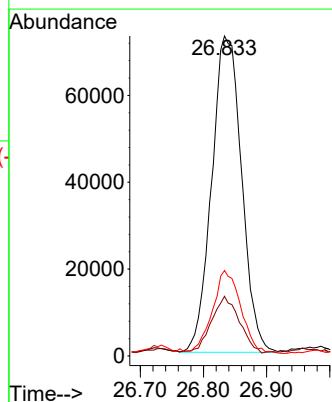
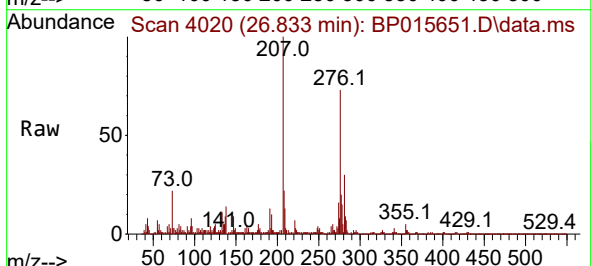
Tgt Ion:276 Resp: 239786

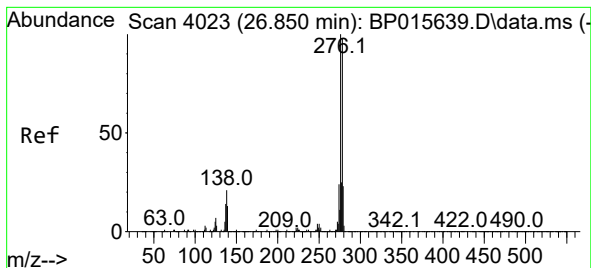
Ion Ratio Lower Upper

276 100

138 18.7 17.3 25.9

277 26.7 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 1.708 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.011 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

DCFL5

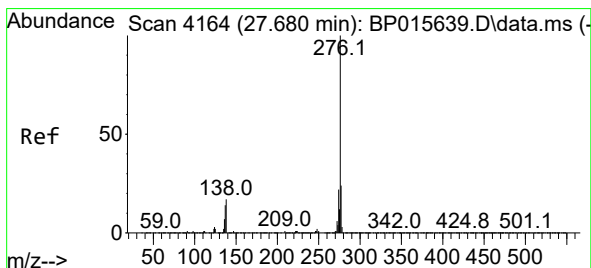
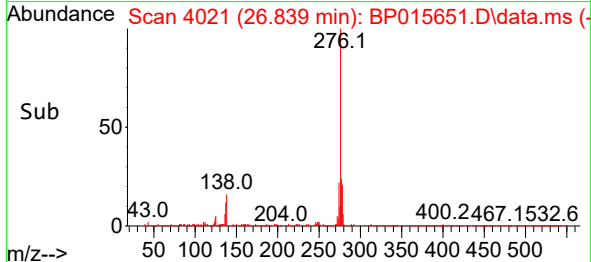
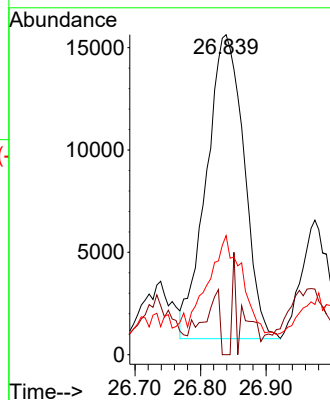
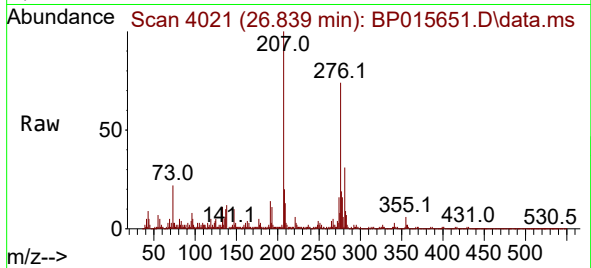
Tgt Ion:278 Resp: 59200

Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

279 37.2 18.7 28.1#



#96

Benzo(g,h,i)perylene

Concen: 6.301 ng/ul

RT: 27.674 min Scan# 4163

Delta R.T. -0.006 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Tgt Ion:276 Resp: 220879

Ion Ratio Lower Upper

276 100

138 17.4 15.6 23.4

277 23.7 19.0 28.6

