

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015974.D
 Acq On : 04 Jul 2023 14:00
 Operator : MA/JU
 Sample : 03245-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

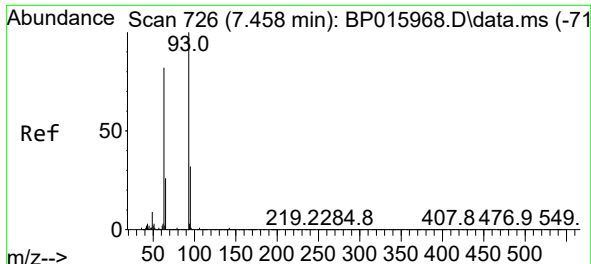
Instrument :
 BNA_P
 ClientSampleId :
 DCGG6

Quant Time: Jul 04 21:56:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	873581	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	3488035	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	1810365	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	3268706	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	2808443	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	3314795	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	93222	3.839	ng/uL	0.00
4) Pyridine-d5	3.840	84	48928	0.799	ng/ul	0.02
7) Phenol-d5	7.222	99	1746615	23.368	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	1223494	26.458	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	1394578	24.717	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	1149660	19.470	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	707841	26.554	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	790568	25.411	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	1230038	22.186	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	431790	6.063	ng/ul	0.02
46) Dimethylphthalate-d6	14.104	166	3565562	25.482	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	3973733	25.263	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	342350	18.540	ng/ul	0.02
60) Fluorene-d10	15.687	176	2699312	23.428	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	345075	17.166	ng/ul	0.00
73) Anthracene-d10	17.557	188	3386352	22.680	ng/ul	0.00
81) Pyrene-d10	19.781	212	4092111	22.314	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.922	264	4117636	24.625	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.446	93	1181428	19.144	ng/ul#	23
16) Acetophenone	8.887	105	228667	2.356	ng/ul	98
72) Phenanthrene	17.498	178	190591	1.073	ng/ul	99
74) Anthracene	17.498	178	193233	1.083	ng/ul	97
80) Fluoranthene	19.457	202	392979	1.724	ng/ul#	91
82) Pyrene	19.810	202	342751	1.474	ng/ul#	89
85) Benzo(a)anthracene	21.580	228	236617	1.198	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.404	149	195385	1.499	ng/ul	98
87) Chrysene	21.580	228	232650	1.241	ng/ul	97
90) Benzo(b)fluoranthene	23.304	252	350398	1.645	ng/ul#	87
91) Benzo(k)fluoranthene	23.304	252	350398	1.628	ng/ul#	86
93) Benzo(a)pyrene	23.969	252	215484	1.158	ng/ul#	90

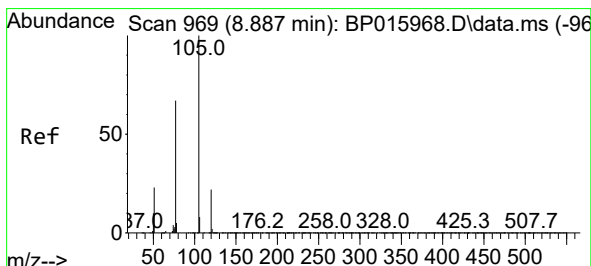
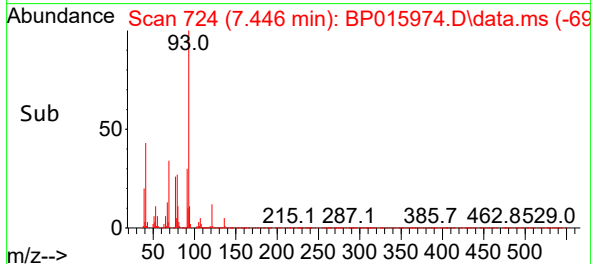
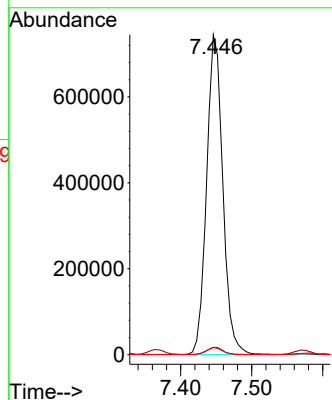
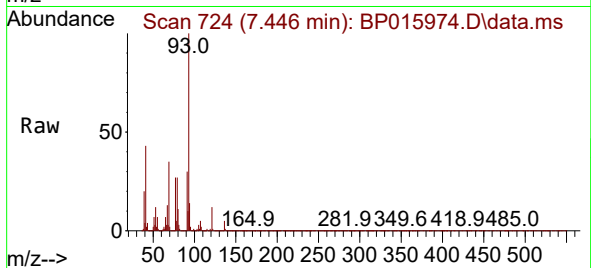
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
Bis(2-Chloroethyl)ether
Concen: 19.144 ng/ul
RT: 7.446 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP015974.D
Acq: 04 Jul 2023 14:00

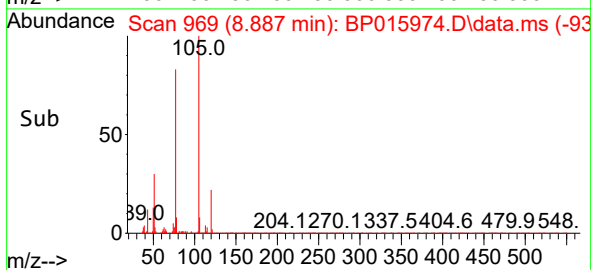
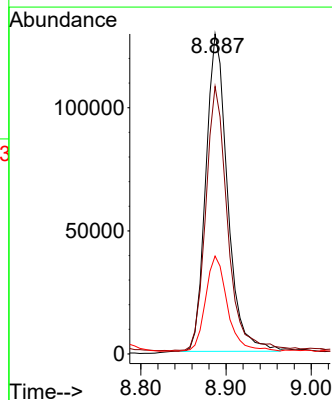
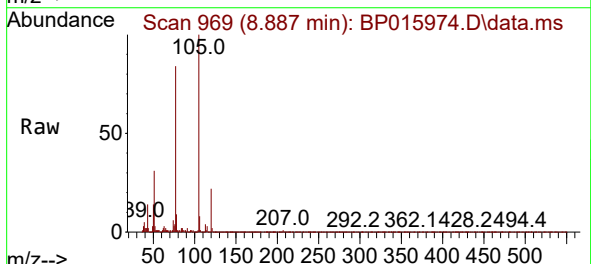
Instrument :
BNA_P
ClientSampleId :
DCGG6

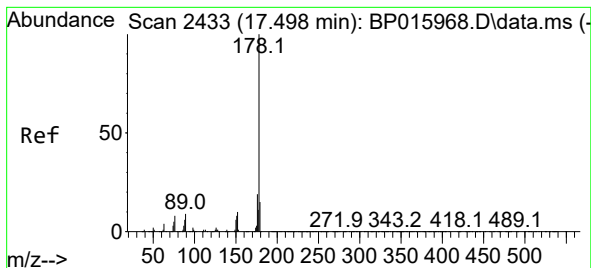
Tgt Ion: 93 Resp: 1181428
Ion Ratio Lower Upper
93 100
63 2.3 62.8 94.2#
95 2.2 25.6 38.4#



#16
Acetophenone
Concen: 2.356 ng/ul
RT: 8.887 min Scan# 969
Delta R.T. 0.000 min
Lab File: BP015974.D
Acq: 04 Jul 2023 14:00

Tgt Ion:105 Resp: 228667
Ion Ratio Lower Upper
105 100
77 83.6 65.0 97.4
51 30.6 25.1 37.7





#72

Phenanthrene

Concen: 1.073 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

Instrument :

BNA_P

ClientSampleId :

DCGG6

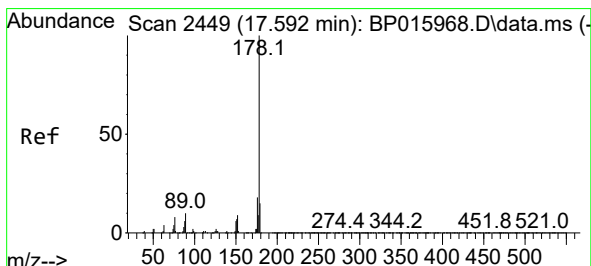
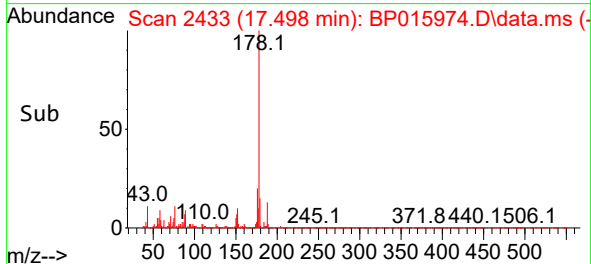
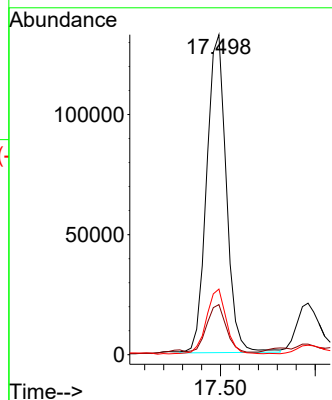
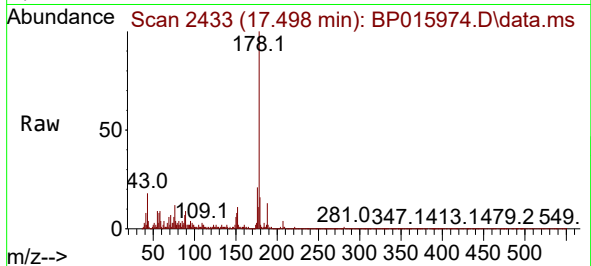
Tgt Ion:178 Resp: 190591

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 20.5 15.6 23.4



#74

Anthracene

Concen: 1.083 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. -0.100 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

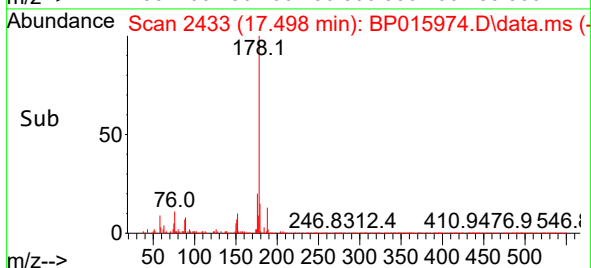
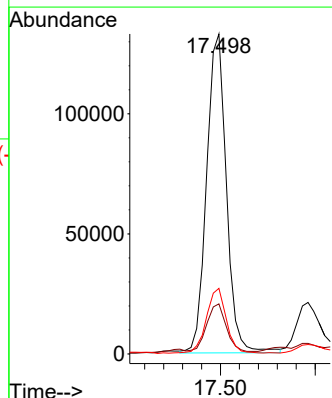
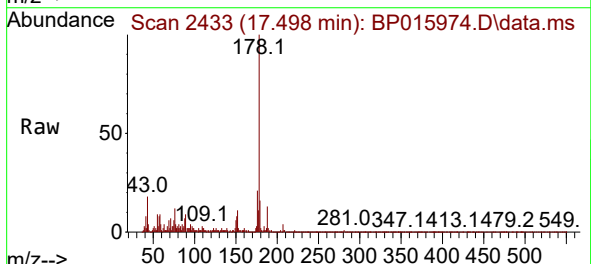
Tgt Ion:178 Resp: 193233

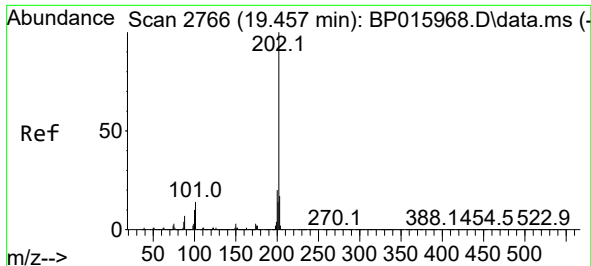
Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 20.5 14.6 22.0

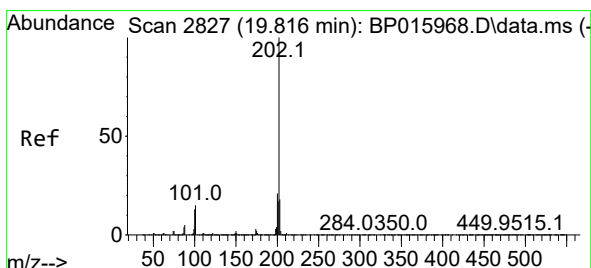
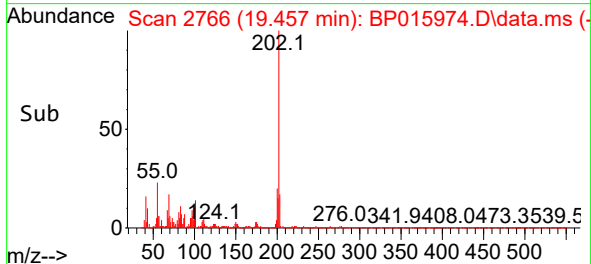
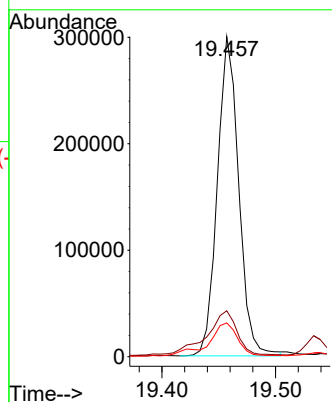
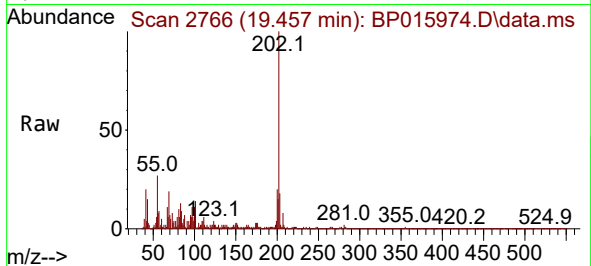




#80
Fluoranthene
Concen: 1.724 ng/ul
RT: 19.457 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP015974.D
Acq: 04 Jul 2023 14:00

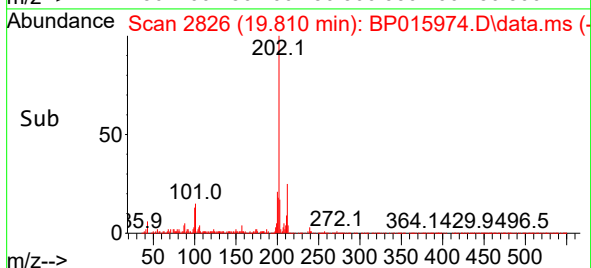
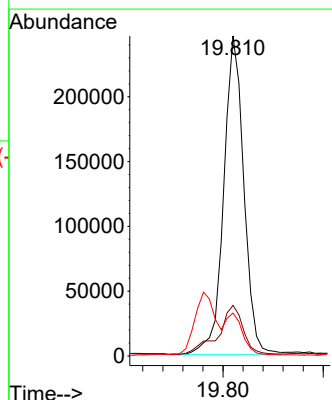
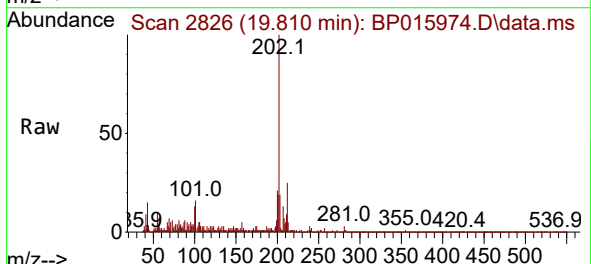
Instrument :
BNA_P
ClientSampleId :
DCGG6

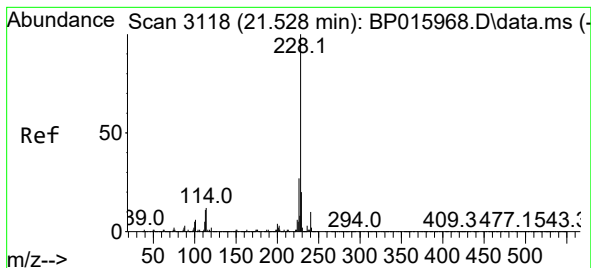
Tgt Ion:202 Resp: 392979
Ion Ratio Lower Upper
202 100
101 14.4 8.3 12.5#
100 10.5 6.6 9.8#



#82
Pyrene
Concen: 1.474 ng/ul
RT: 19.810 min Scan# 2826
Delta R.T. -0.005 min
Lab File: BP015974.D
Acq: 04 Jul 2023 14:00

Tgt Ion:202 Resp: 342751
Ion Ratio Lower Upper
202 100
101 15.8 9.3 13.9#
100 13.4 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 1.198 ng/ul

RT: 21.580 min Scan# 3118

Delta R.T. 0.047 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

Instrument :

BNA_P

ClientSampleId :

DCGG6

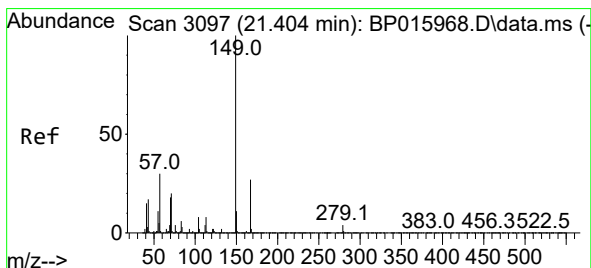
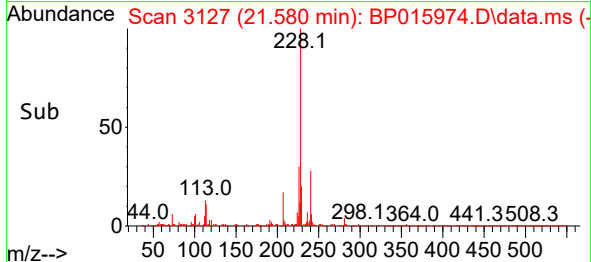
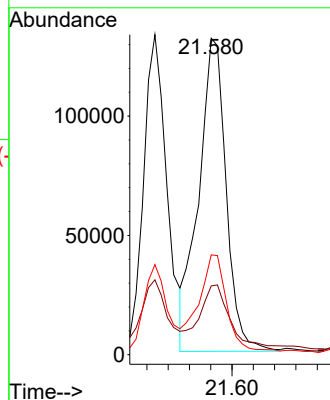
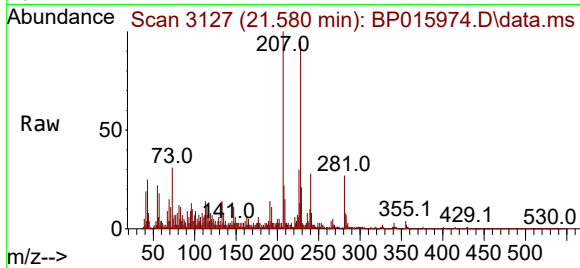
Tgt Ion:228 Resp: 236617

Ion Ratio Lower Upper

228 100

229 21.7 15.3 22.9

226 31.6 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.499 ng/ul

RT: 21.404 min Scan# 3097

Delta R.T. -0.005 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

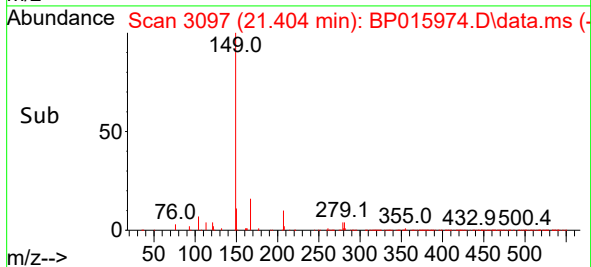
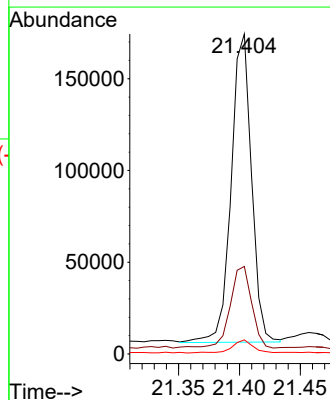
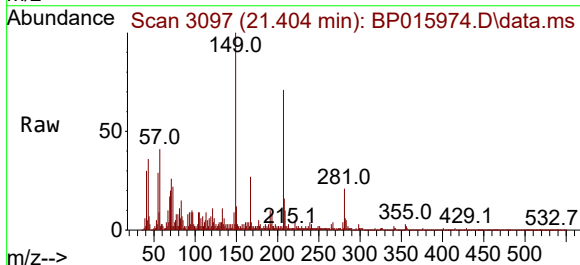
Tgt Ion:149 Resp: 195385

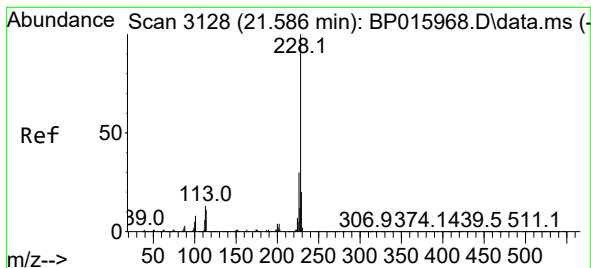
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

279 4.4 3.8 5.6





#87

Chrysene

Concen: 1.241 ng/ul

RT: 21.580 min Scan# 3128

Delta R.T. -0.005 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

Instrument :

BNA_P

ClientSampleId :

DCGG6

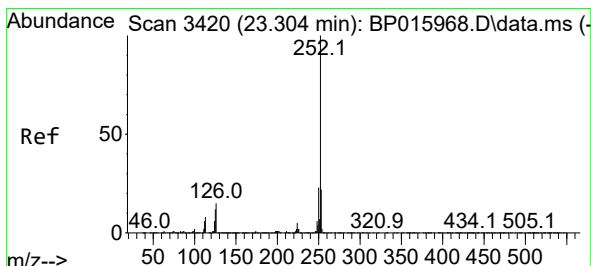
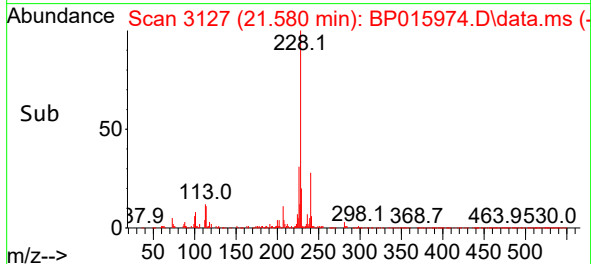
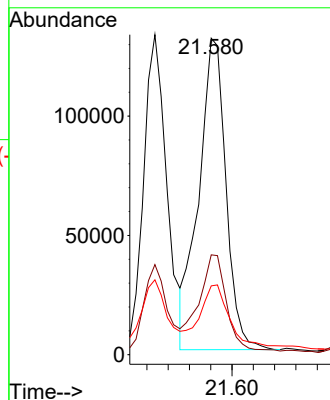
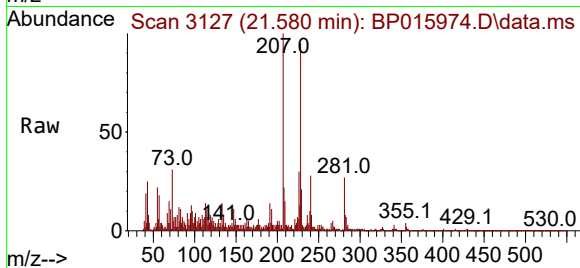
Tgt Ion:228 Resp: 232650

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 21.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 1.645 ng/ul

RT: 23.304 min Scan# 3420

Delta R.T. -0.005 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

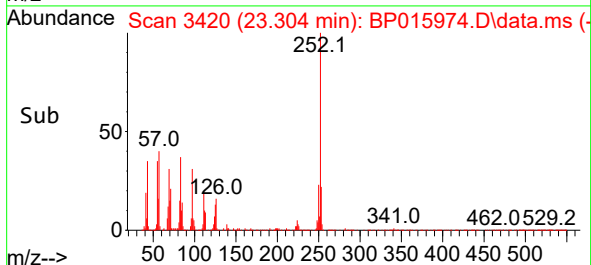
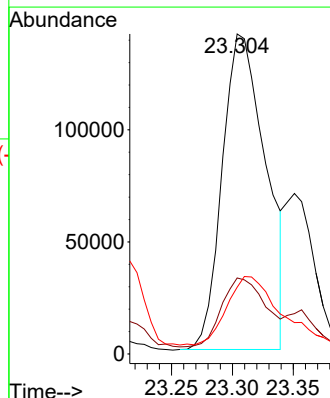
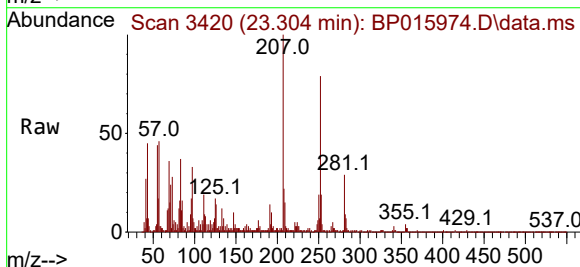
Tgt Ion:252 Resp: 350398

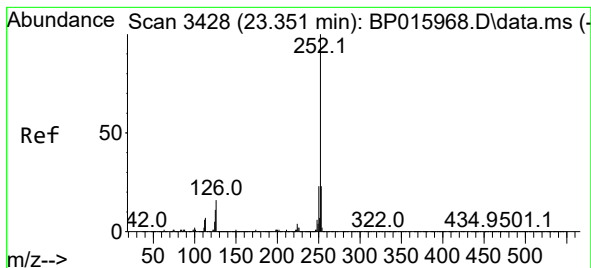
Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 20.8 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.628 ng/ul

RT: 23.304 min Scan# 3428

Delta R.T. -0.053 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

Instrument :

BNA_P

ClientSampleId :

DCGG6

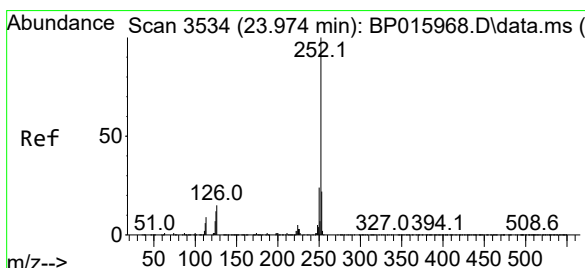
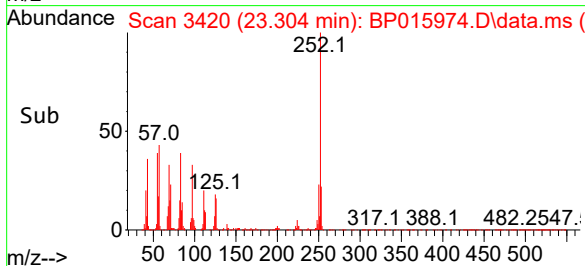
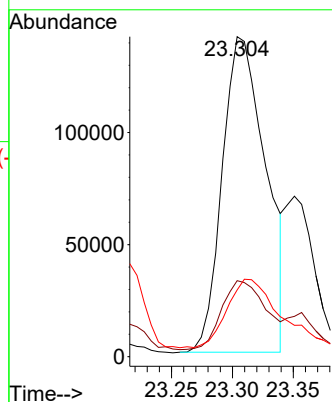
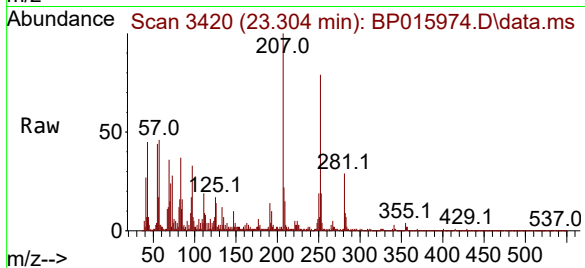
Tgt Ion:252 Resp: 350398

Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.4

125 20.8 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 1.158 ng/ul

RT: 23.969 min Scan# 3533

Delta R.T. -0.011 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

Tgt Ion:252 Resp: 215484

Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

125 17.6 8.2 12.2#

