

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015774.D
 Acq On : 28 Jun 2023 12:08
 Operator : MA/JU
 Sample : 03142-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 28 23:56:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

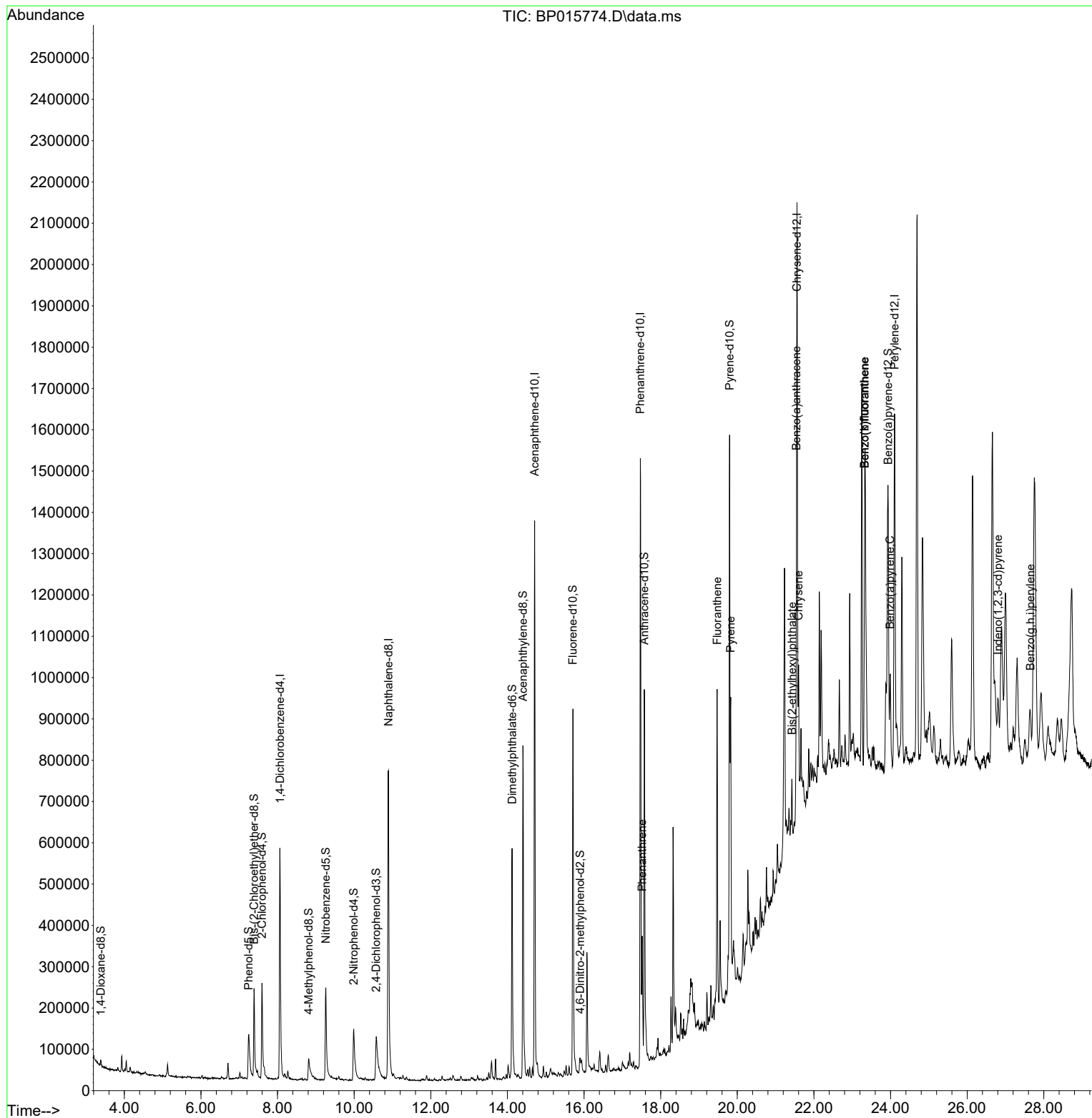
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	180812	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	753501	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	455592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	943168	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	668599	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	737161	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	7223	1.437	ng/uL	0.00
4) Pyridine-d5	3.822	84	439	0.035	ng/ul	0.00
7) Phenol-d5	7.246	99	115889	7.491	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	124575	13.016	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	126172	10.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	30069	2.460	ng/ul	0.02
21) Nitrobenzene-d5	9.257	128	63258	10.985	ng/ul	0.01
24) 2-Nitrophenol-d4	9.987	143	65156	9.695	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.575	165	84953	7.093	ng/ul	0.05
31) 4-Chloroaniline-d4	11.034	131	30	0.002	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	433233	12.303	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	534669	13.507	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	167	0.036	ng/ul	-0.01
60) Fluorene-d10	15.710	176	396175	13.664	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	13820	2.383	ng/ul	0.04
73) Anthracene-d10	17.575	188	564477	13.102	ng/ul	0.00
81) Pyrene-d10	19.798	212	643821	14.747	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	506813	13.629	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.516	178	171800	3.353	ng/ul	98
80) Fluoranthene	19.474	202	460238	8.482	ng/ul	98
82) Pyrene	19.827	202	392396	7.090	ng/ul	96
85) Benzo(a)anthracene	21.545	228	187117	3.978	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	43665	1.407	ng/ul#	97
87) Chrysene	21.598	228	224225	5.025	ng/ul	99
90) Benzo(b)fluoranthene	23.321	252	328285	6.931	ng/ul#	93
91) Benzo(k)fluoranthene	23.321	252	328285	6.860	ng/ul#	93
93) Benzo(a)pyrene	23.992	252	197039	4.761	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.803	276	170965	3.043	ng/ul	98
96) Benzo(g,h,i)perylene	27.650	276	159948	3.460	ng/ul	97

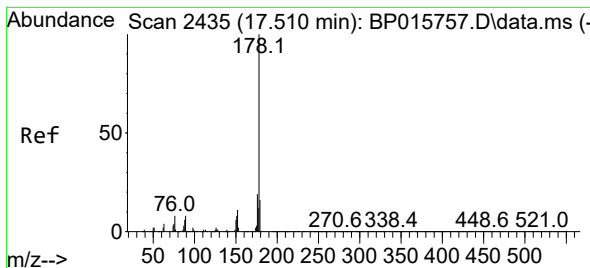
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 3.353 ng/ul

RT: 17.516 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

Instrument :

BNA_P

ClientSampleId :

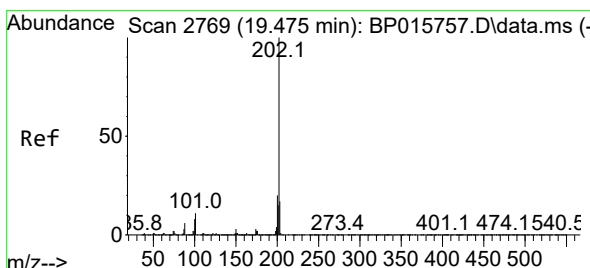
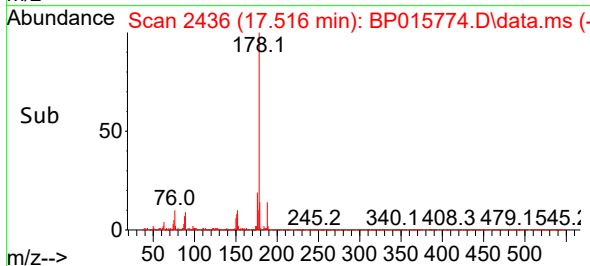
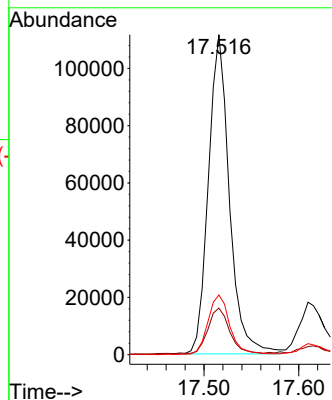
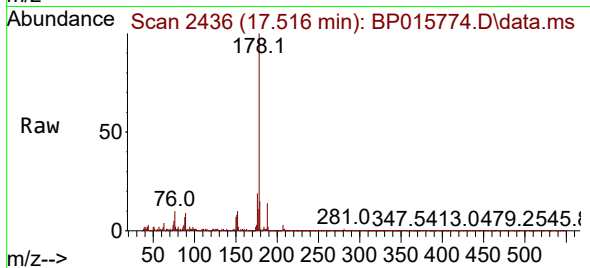
Tgt Ion:178 Resp: 171800

Ion Ratio Lower Upper

178 100

179 14.6 12.4 18.6

176 18.6 15.6 23.4



#80

Fluoranthene

Concen: 8.482 ng/ul

RT: 19.474 min Scan# 2769

Delta R.T. -0.000 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

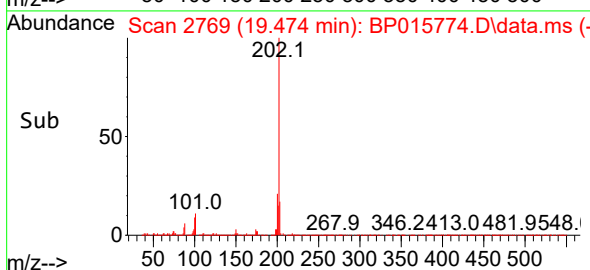
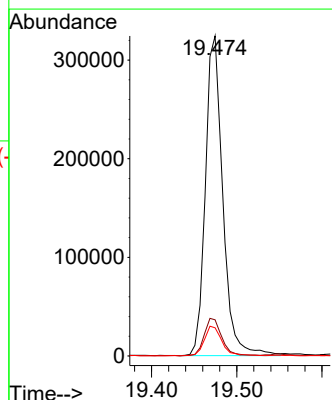
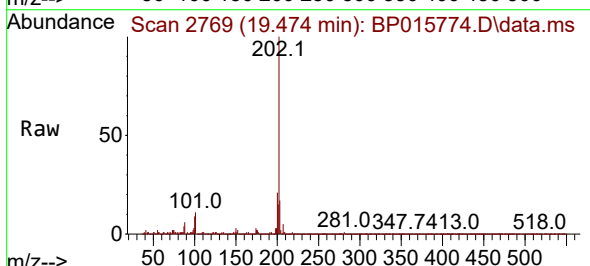
Tgt Ion:202 Resp: 460238

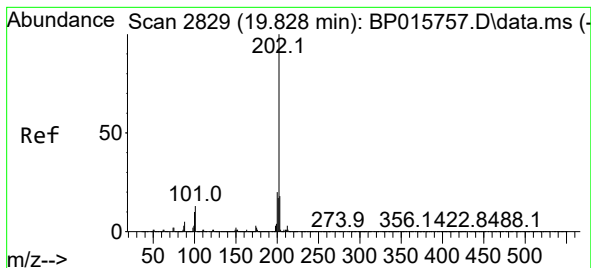
Ion Ratio Lower Upper

202 100

101 11.3 8.3 12.5

100 8.8 6.6 9.8





#82

Pyrene

Concen: 7.090 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

Instrument :

BNA_P

ClientSampleId :

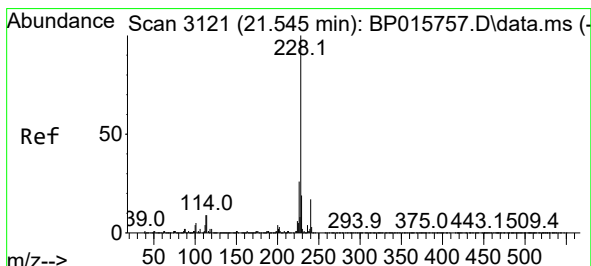
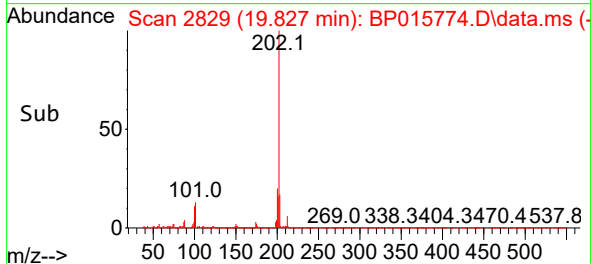
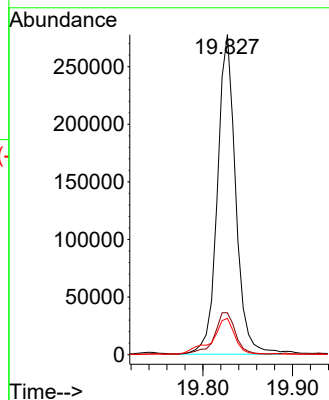
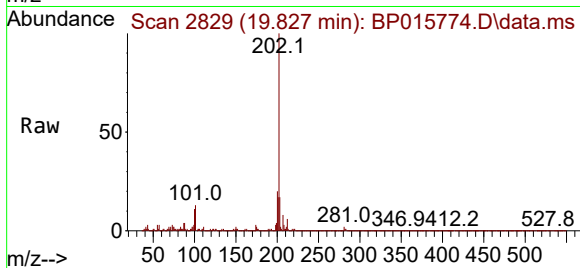
Tgt Ion:202 Resp: 392396

Ion Ratio Lower Upper

202 100

101 13.1 9.3 13.9

100 11.3 7.6 11.4



#85

Benzo(a)anthracene

Concen: 3.978 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

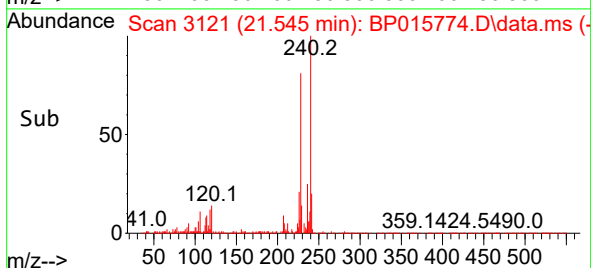
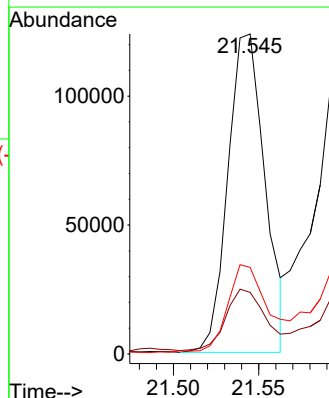
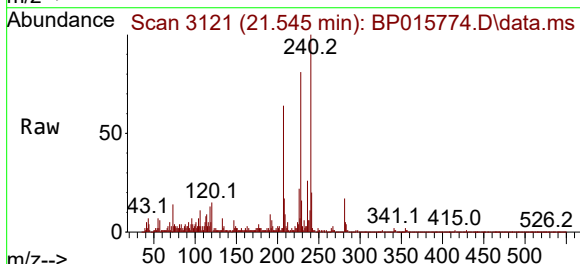
Tgt Ion:228 Resp: 187117

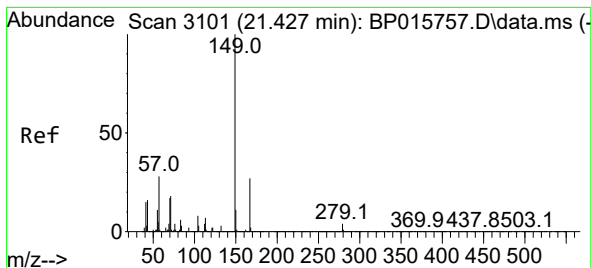
Ion Ratio Lower Upper

228 100

229 19.3 15.3 22.9

226 27.0 21.4 32.0

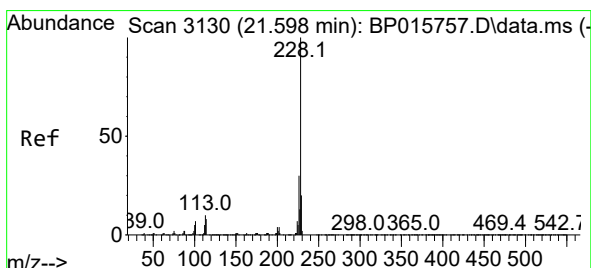
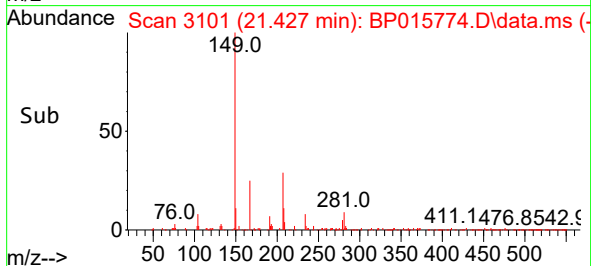
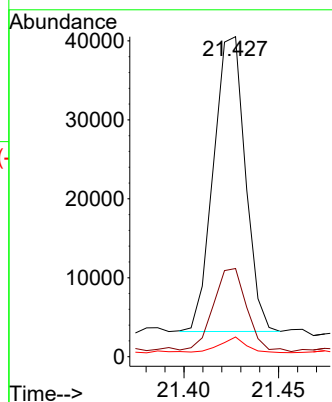
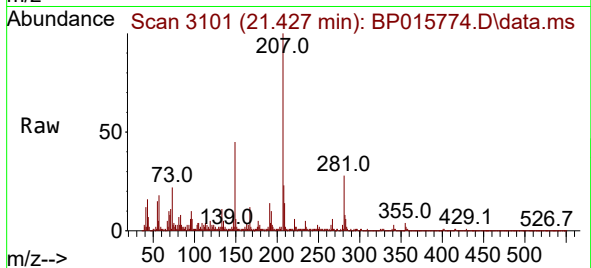




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.407 ng/ul
 RT: 21.427 min Scan# 3101
 Delta R.T. -0.006 min
 Lab File: BP015774.D
 Acq: 28 Jun 2023 12:08

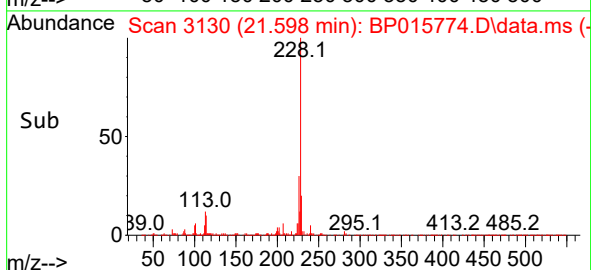
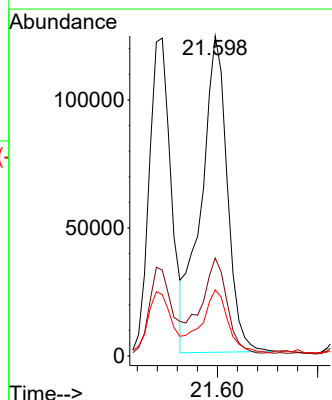
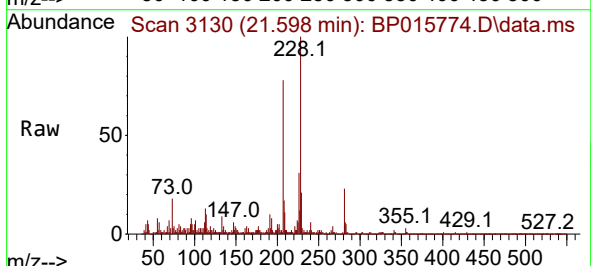
Instrument :
 BNA_P
 ClientSampleId :

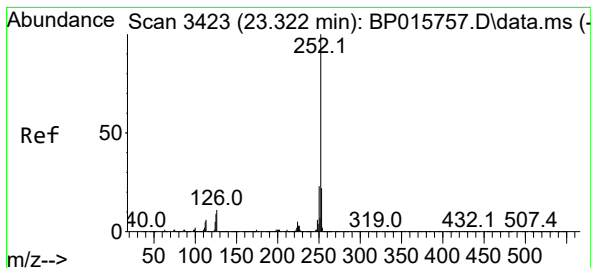
Tgt Ion:149 Resp: 43665
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.0 31.6
 279 6.2 3.8 5.6#



#87
 Chrysene
 Concen: 5.025 ng/ul
 RT: 21.598 min Scan# 3130
 Delta R.T. -0.006 min
 Lab File: BP015774.D
 Acq: 28 Jun 2023 12:08

Tgt Ion:228 Resp: 224225
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 20.7 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 6.931 ng/ul

RT: 23.321 min Scan# 3423

Delta R.T. -0.006 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

Instrument :

BNA_P

ClientSampleId :

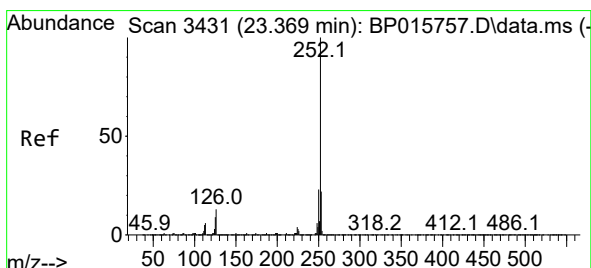
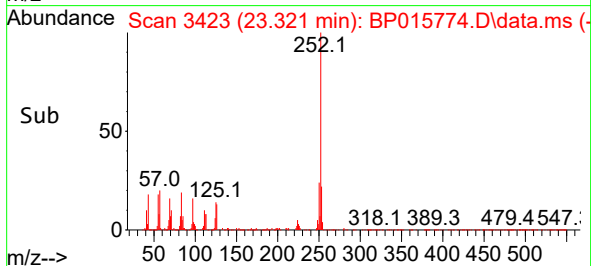
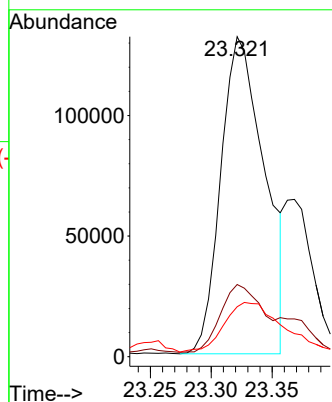
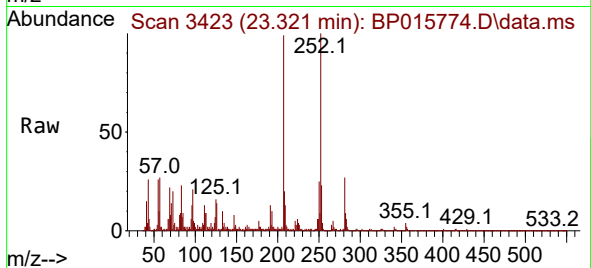
Tgt Ion:252 Resp: 328285

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 15.6 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 6.860 ng/ul

RT: 23.321 min Scan# 3423

Delta R.T. -0.059 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

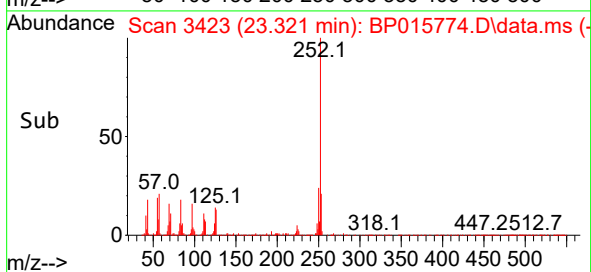
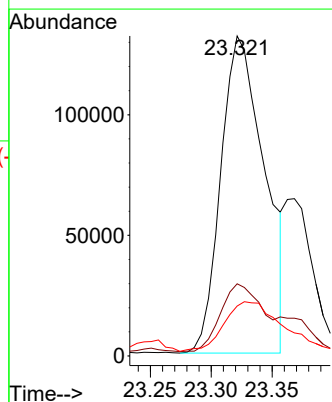
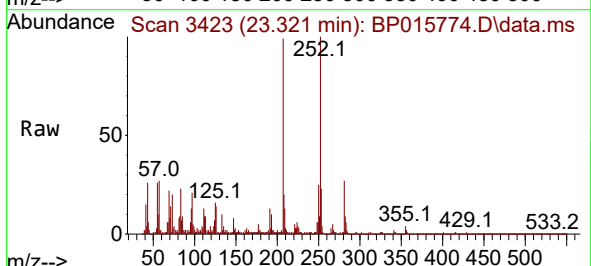
Tgt Ion:252 Resp: 328285

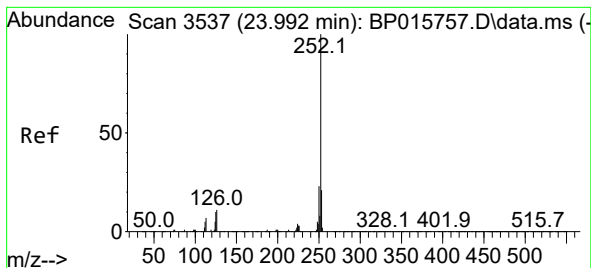
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

125 15.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 4.761 ng/ul

RT: 23.992 min Scan# 3537

Delta R.T. -0.012 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

Instrument :

BNA_P

ClientSampleId :

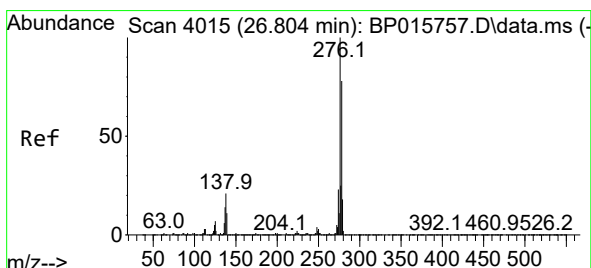
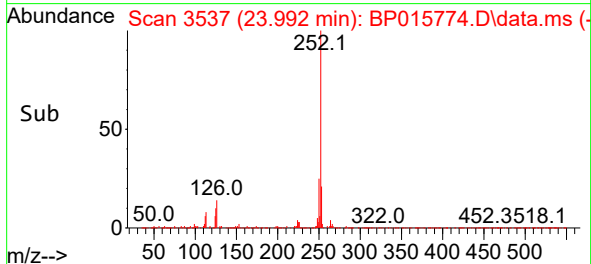
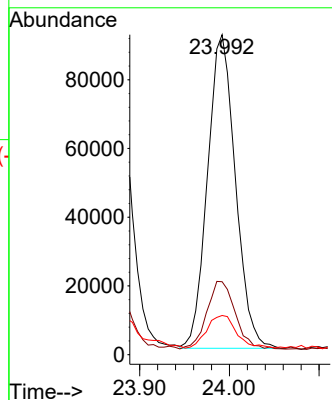
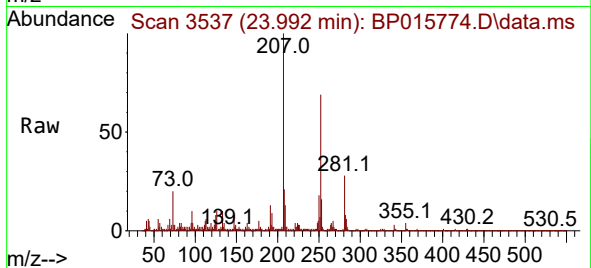
Tgt Ion:252 Resp: 197039

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 12.2 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.043 ng/ul

RT: 26.803 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

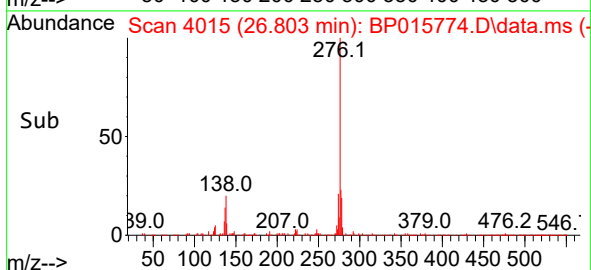
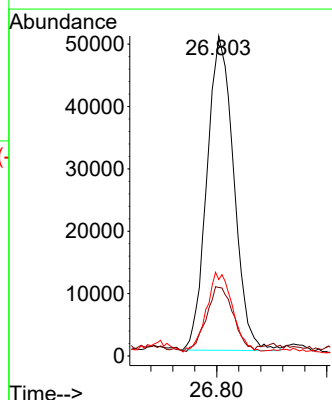
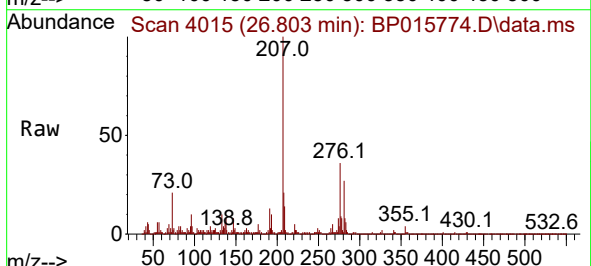
Tgt Ion:276 Resp: 170965

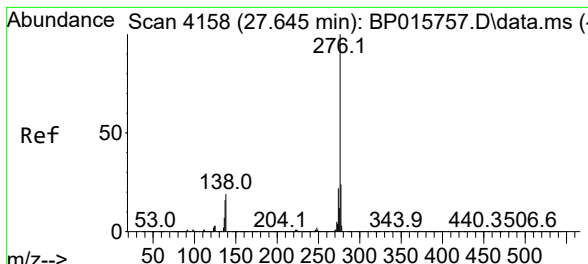
Ion Ratio Lower Upper

276 100

138 21.4 15.7 23.5

277 23.9 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 3.460 ng/ul
 RT: 27.650 min Scan# 4159
 Delta R.T. -0.006 min
 Lab File: BP015774.D
 Acq: 28 Jun 2023 12:08

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:276 Resp: 159948

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.1	22.7
277	25.0	18.8	28.2

