

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015790.D
 Acq On : 28 Jun 2023 21:46
 Operator : MA/JU
 Sample : 03142-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

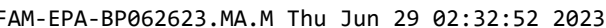
Instrument :
 BNA_P
 ClientSampleId :
 DCFS3

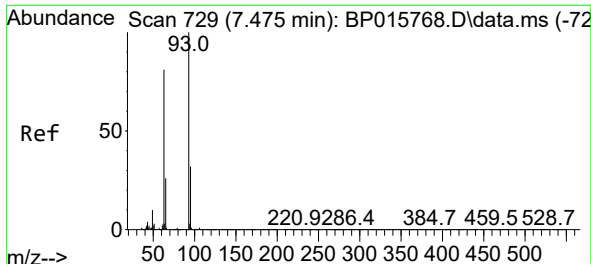
Quant Time: Jun 29 02:32:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	321126	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1311795	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	693323	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1153626	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	895405	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1130592	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	28419	3.184	ng/uL	0.00
4) Pyridine-d5	3.834	84	182077	8.093	ng/ul	0.01
7) Phenol-d5	7.228	99	506640	18.439	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	360640	21.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	417996	20.153	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	275118	12.675	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	197065	19.657	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	216180	18.476	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	333060	15.974	ng/ul	0.02
31) 4-Chloroaniline-d4	11.087	131	45860	1.712	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	1108887	20.693	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1243085	20.635	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	150	0.021	ng/ul	-0.02
60) Fluorene-d10	15.704	176	861901	19.533	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	92828	13.084	ng/ul	0.00
73) Anthracene-d10	17.569	188	1061018	20.135	ng/ul	0.00
81) Pyrene-d10	19.792	212	1131349	19.350	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1204917	21.127	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.469	93	26431	1.165	ng/ul#	24
30) Naphthalene	10.940	128	132184	1.854	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	76875	1.638	ng/ul	100
37) 1-Methylnaphthalene	12.763	142	52606	1.098	ng/ul#	98
50) Acenaphthylene	14.434	152	78439	1.182	ng/ul	98
72) Phenanthrene	17.510	178	430603	6.871	ng/ul	100
74) Anthracene	17.604	178	88944	1.412	ng/ul	97
80) Fluoranthene	19.469	202	862613	11.871	ng/ul#	94
82) Pyrene	19.822	202	669009	9.026	ng/ul#	89
85) Benzo(a)anthracene	21.539	228	416661	6.615	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.421	149	179454	4.318	ng/ul	99
87) Chrysene	21.592	228	452146	7.566	ng/ul	97
90) Benzo(b)fluoranthene	23.315	252	747141	10.285	ng/ul#	92
91) Benzo(k)fluoranthene	23.315	252	747141	10.179	ng/ul#	91
93) Benzo(a)pyrene	23.980	252	449382	7.079	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	408573	4.741	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.798	278	101374	1.432	ng/ul#	73
96) Benzo(g,h,i)perylene	27.639	276	379968	5.360	ng/ul#	94

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

Quant Time: Jun 29 02:32:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

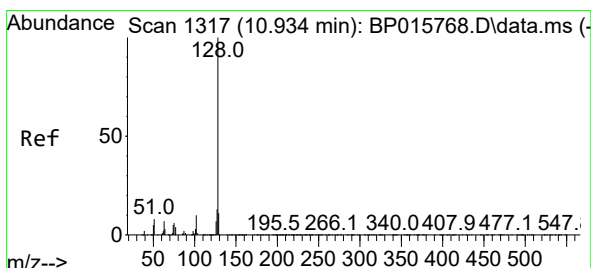
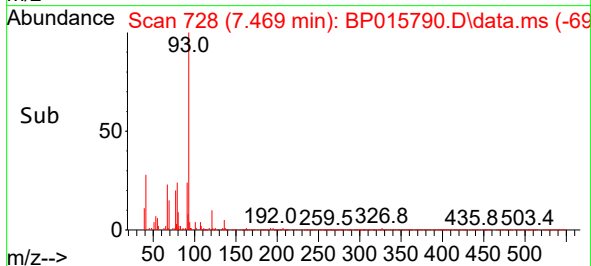
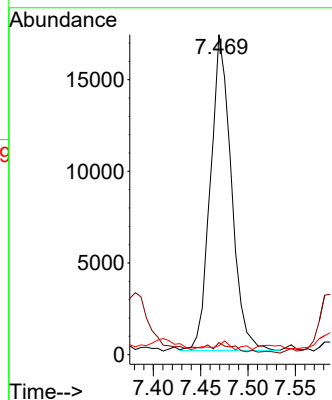
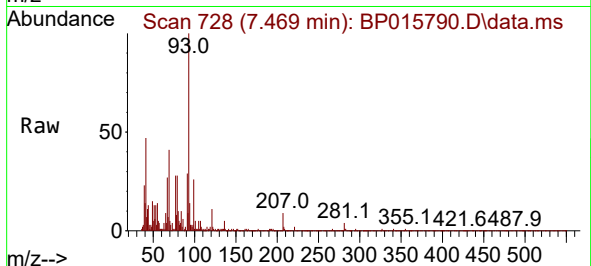




#10
Bis(2-Chloroethyl)ether
Concen: 1.165 ng/ul
RT: 7.469 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP015790.D
Acq: 28 Jun 2023 21:46

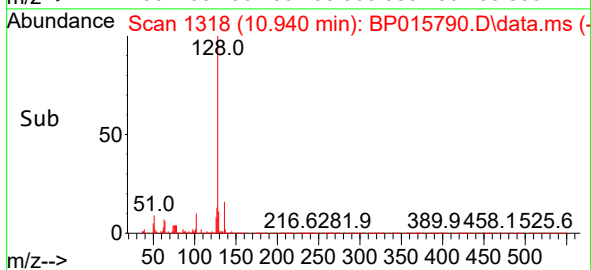
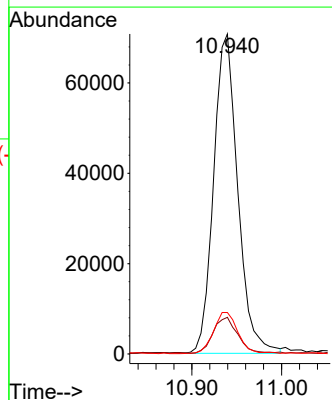
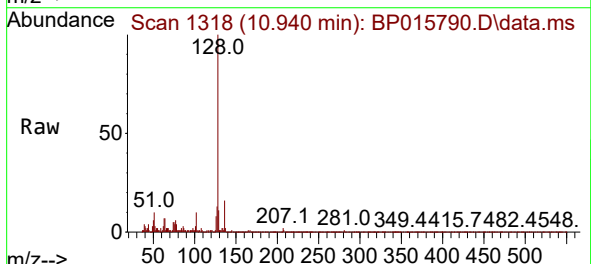
Instrument :
BNA_P
ClientSampleId :
DCFS3

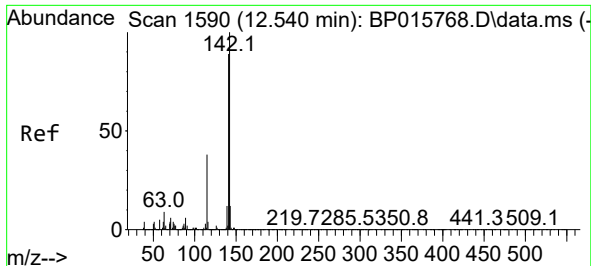
Tgt Ion: 93 Resp: 26431
Ion Ratio Lower Upper
93 100
63 3.8 62.8 94.2#
95 2.8 25.6 38.4#



#30
Naphthalene
Concen: 1.854 ng/ul
RT: 10.940 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP015790.D
Acq: 28 Jun 2023 21:46

Tgt Ion:128 Resp: 132184
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 12.9 10.3 15.5

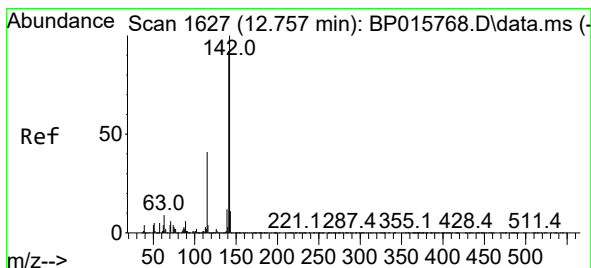
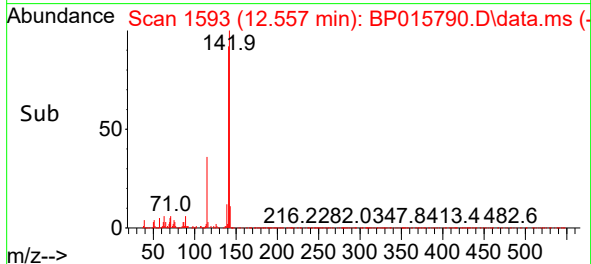
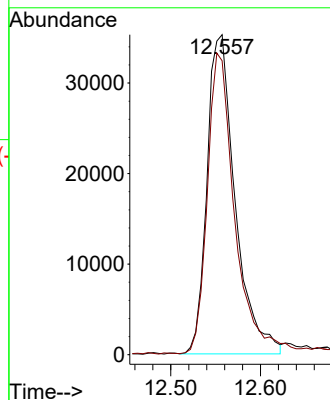
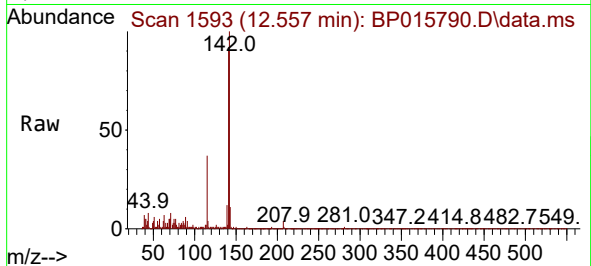




#36
2-Methylnaphthalene
Concen: 1.638 ng/ul
RT: 12.557 min Scan# 1593
Delta R.T. 0.017 min
Lab File: BP015790.D
Acq: 28 Jun 2023 21:46

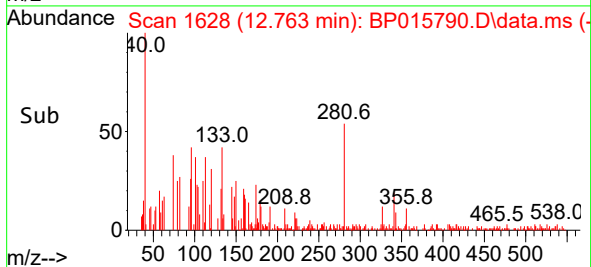
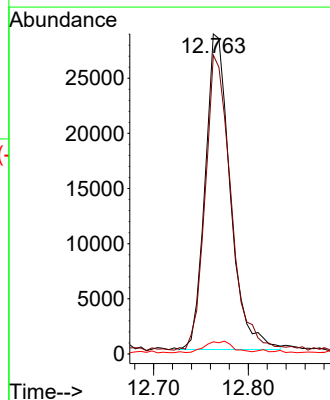
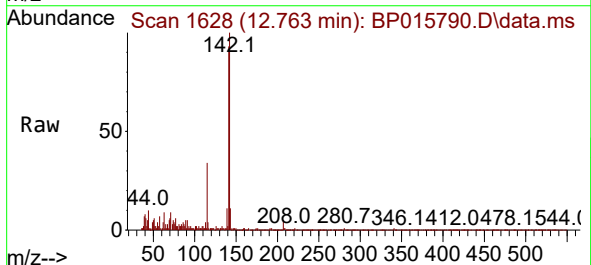
Instrument :
BNA_P
ClientSampleId :
DCFS3

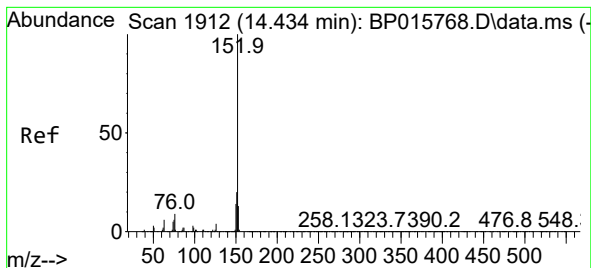
Tgt Ion:142 Resp: 76875
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8



#37
1-Methylnaphthalene
Concen: 1.098 ng/ul
RT: 12.763 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BP015790.D
Acq: 28 Jun 2023 21:46

Tgt Ion:142 Resp: 52606
Ion Ratio Lower Upper
142 100
141 93.4 73.1 109.7
116 3.8 4.0 6.0#





#50

Acenaphthylene

Concen: 1.182 ng/ul

RT: 14.434 min Scan# 1912

Delta R.T. 0.006 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

Instrument :

BNA_P

ClientSampleId :

DCFS3

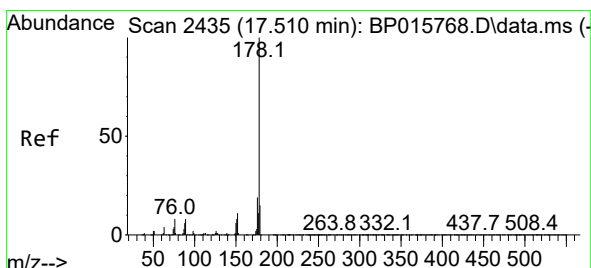
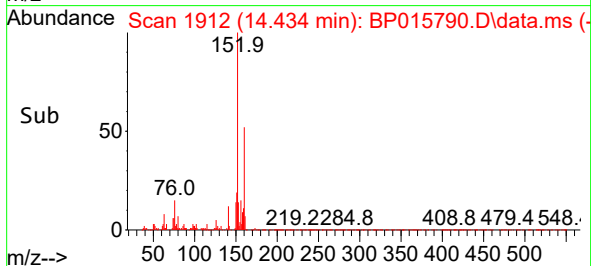
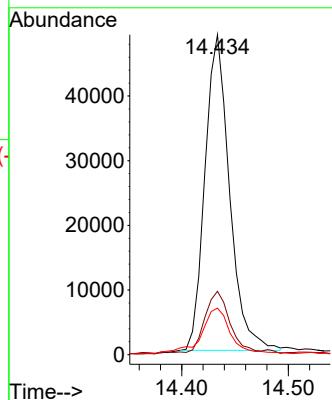
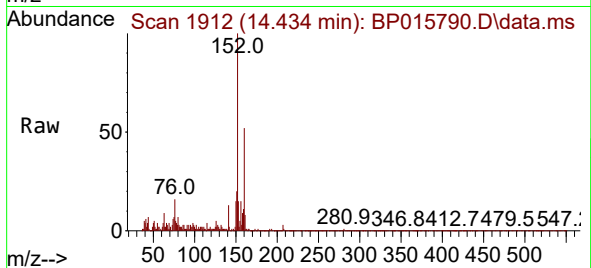
Tgt Ion:152 Resp: 78439

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 14.5 10.5 15.7



#72

Phenanthrene

Concen: 6.871 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

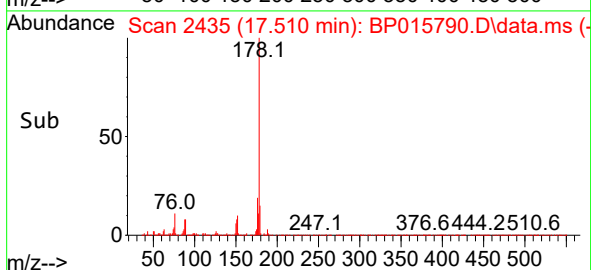
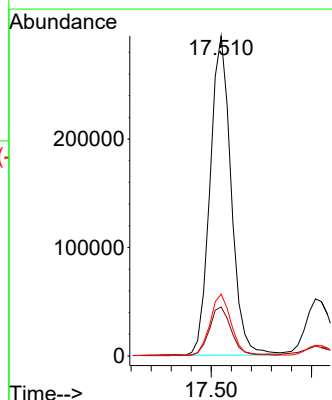
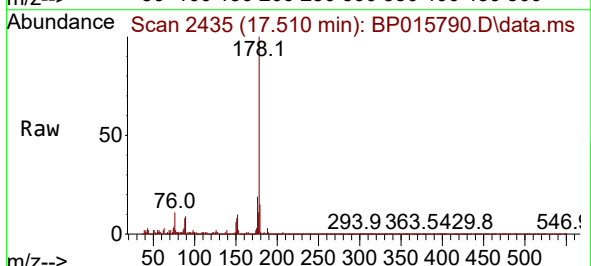
Tgt Ion:178 Resp: 430603

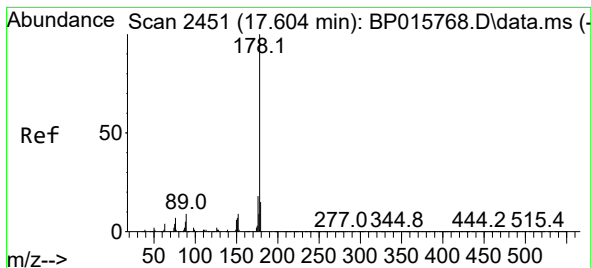
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.4 15.6 23.4





#74

Anthracene

Concen: 1.412 ng/ul

RT: 17.604 min Scan# 2451

Delta R.T. -0.000 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

Instrument :

BNA_P

ClientSampleId :

DCFS3

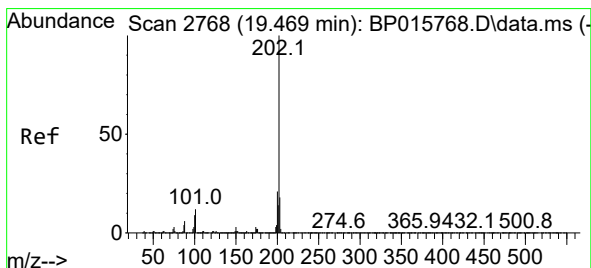
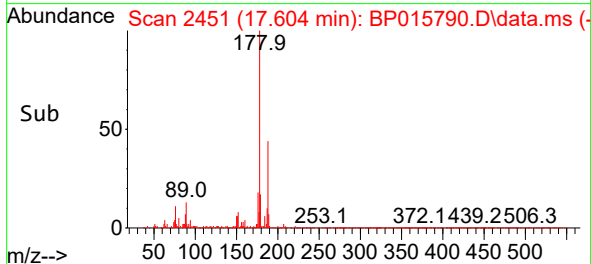
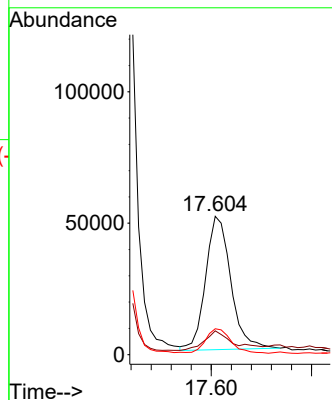
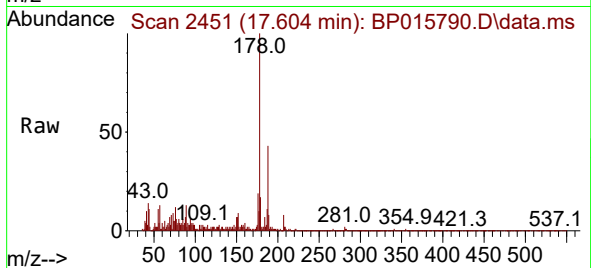
Tgt Ion:178 Resp: 88944

Ion Ratio Lower Upper

178 100

179 17.3 12.1 18.1

176 18.8 14.6 22.0



#80

Fluoranthene

Concen: 11.871 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

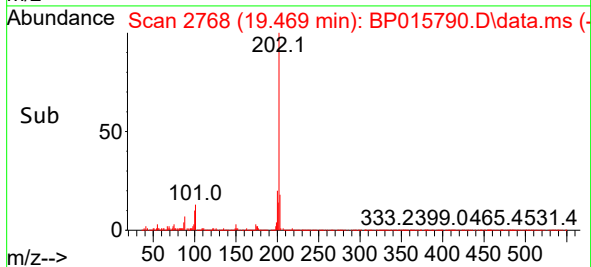
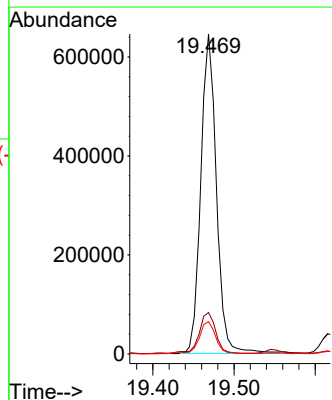
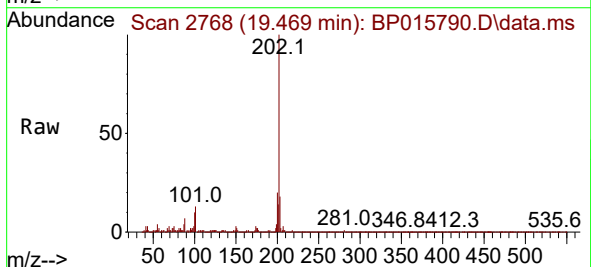
Tgt Ion:202 Resp: 862613

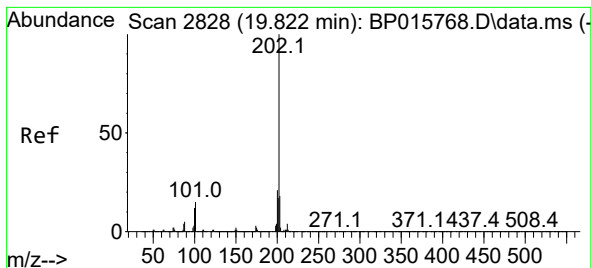
Ion Ratio Lower Upper

202 100

101 13.0 8.3 12.5#

100 10.1 6.6 9.8#





#82

Pyrene

Concen: 9.026 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

Instrument :

BNA_P

ClientSampleId :

DCFS3

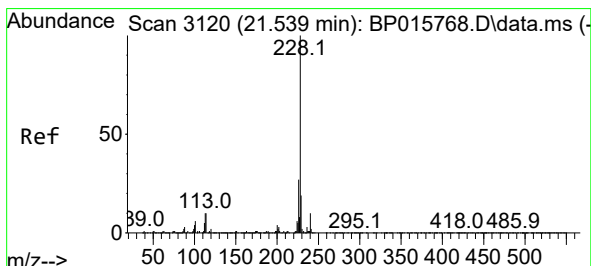
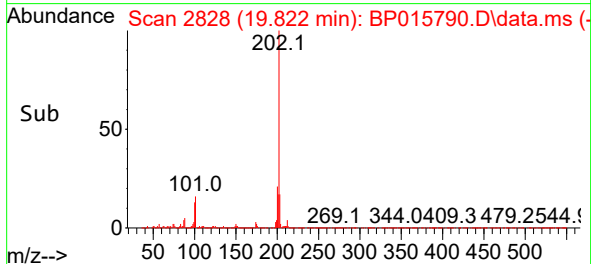
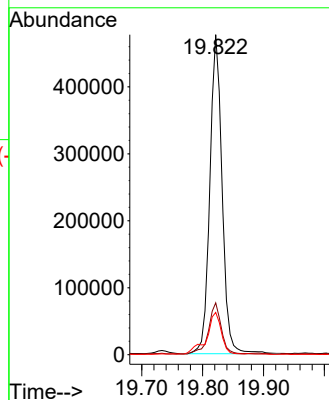
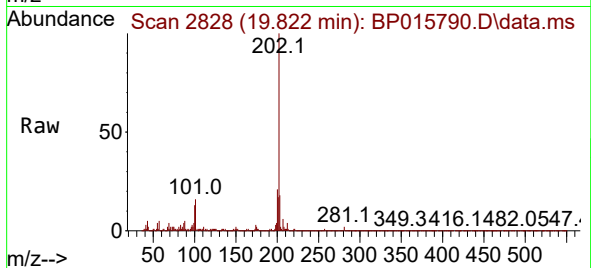
Tgt Ion:202 Resp: 669009

Ion Ratio Lower Upper

202 100

101 16.2 9.3 13.9#

100 13.2 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 6.615 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

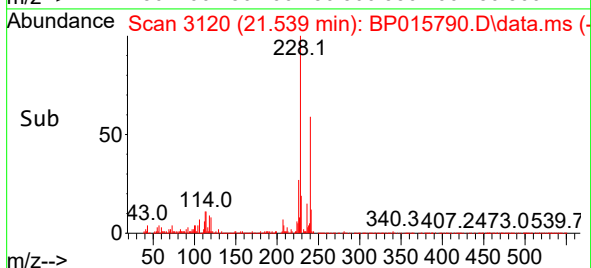
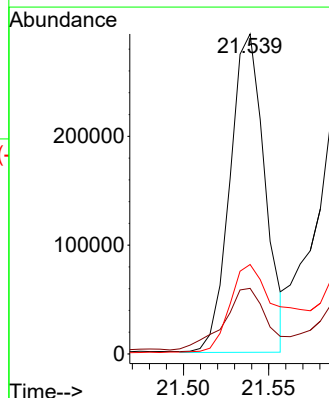
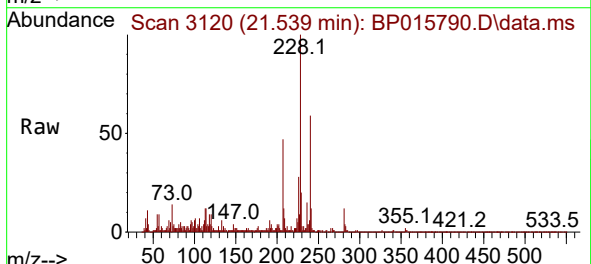
Tgt Ion:228 Resp: 416661

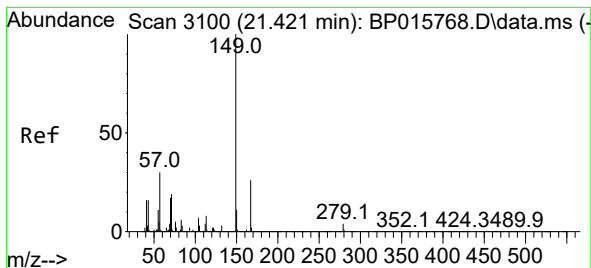
Ion Ratio Lower Upper

228 100

229 20.5 15.3 22.9

226 28.0 21.4 32.0

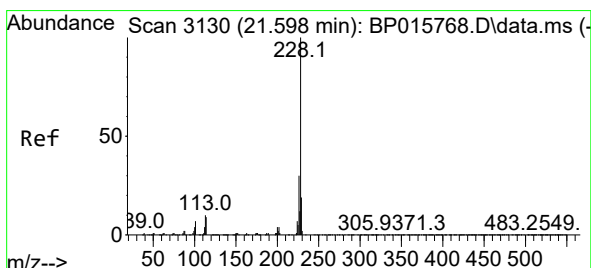
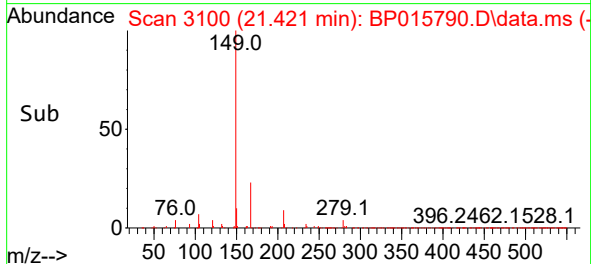
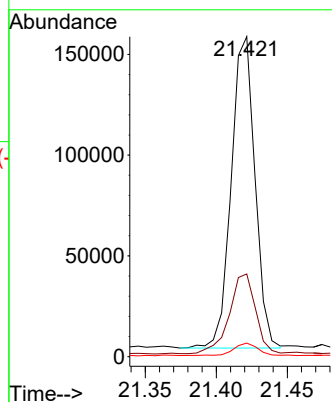
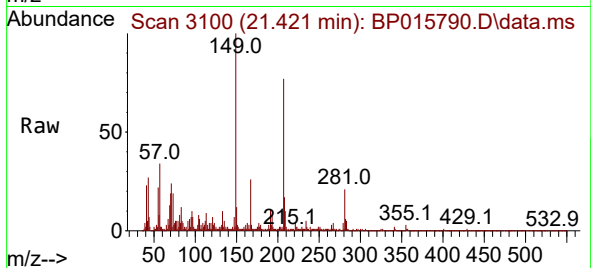




#86
Bis(2-ethylhexyl)phthalate
Concen: 4.318 ng/ul
RT: 21.421 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BP015790.D
Acq: 28 Jun 2023 21:46

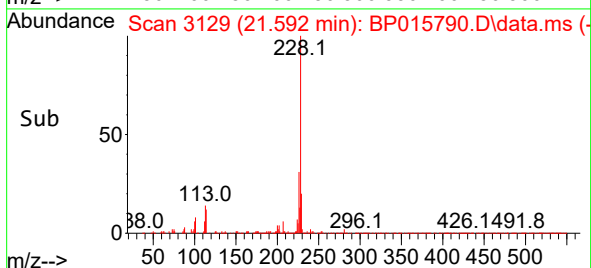
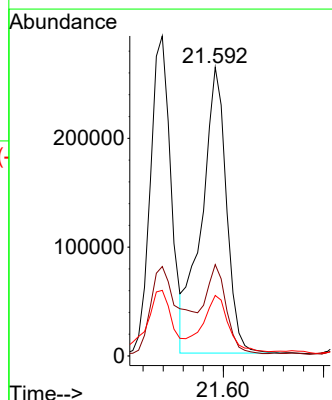
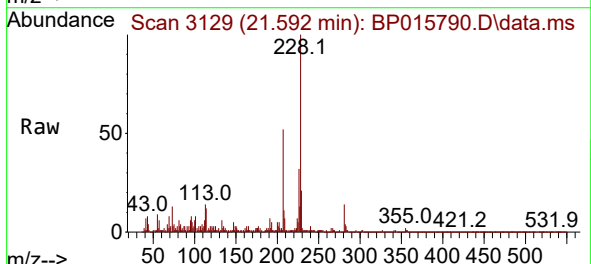
Instrument :
BNA_P
ClientSampleId :
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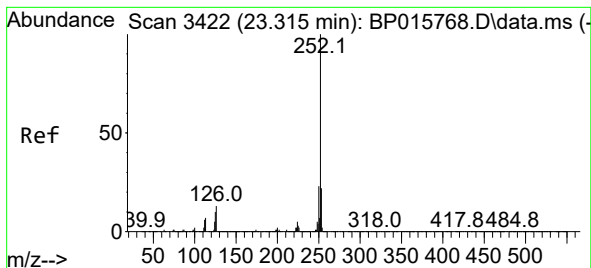
Tgt Ion:149 Resp: 179454
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.6
279 4.2 3.8 5.6



#87
Chrysene
Concen: 7.566 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015790.D
Acq: 28 Jun 2023 21:46

Tgt Ion:228 Resp: 452146
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 20.9 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 10.285 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.000 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

Instrument :

BNA_P

ClientSampleId :

DCFS3

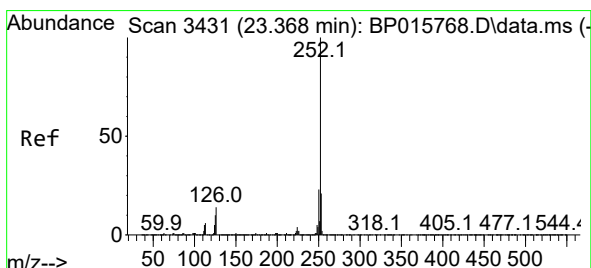
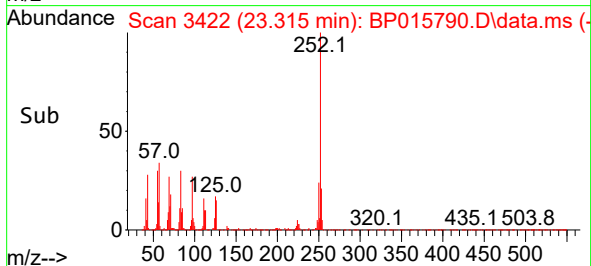
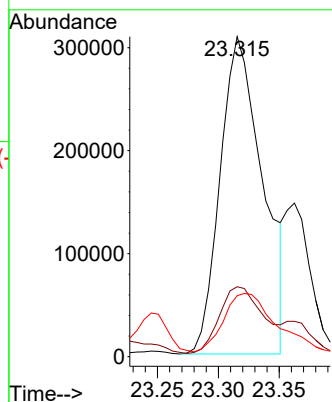
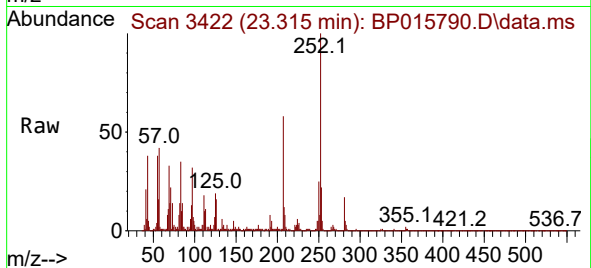
Tgt Ion:252 Resp: 747141

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 19.0 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 10.179 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.053 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

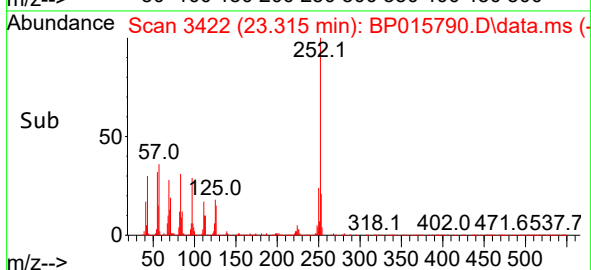
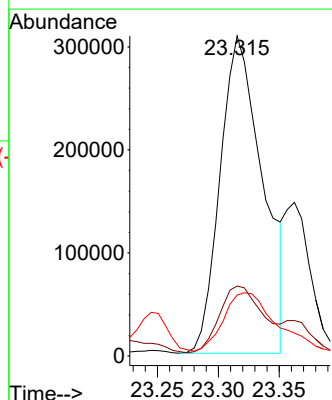
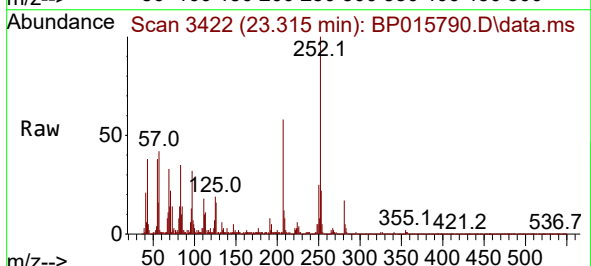
Tgt Ion:252 Resp: 747141

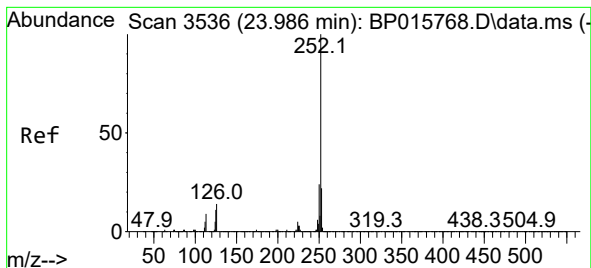
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 19.0 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 7.079 ng/ul

RT: 23.980 min Scan# 3536

Delta R.T. -0.006 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

Instrument :

BNA_P

ClientSampleId :

DCFS3

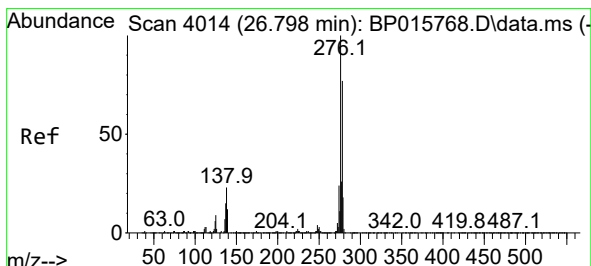
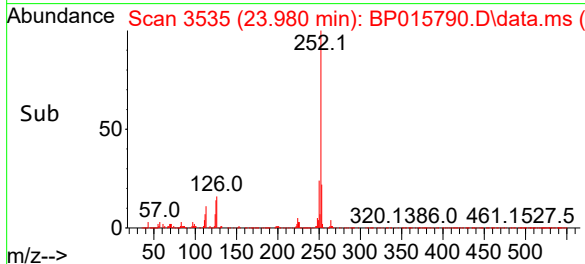
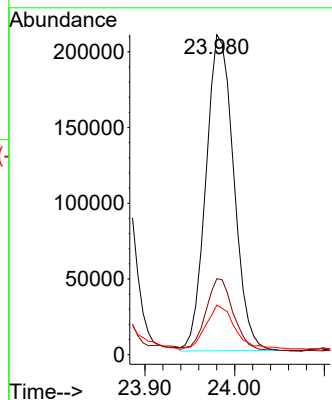
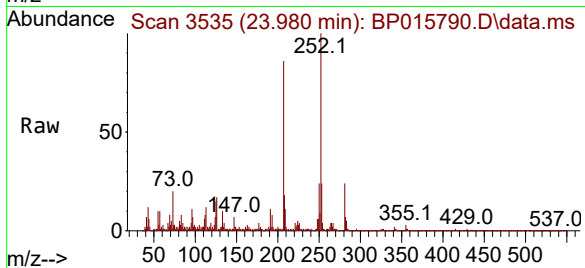
Tgt Ion:252 Resp: 449382

Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

125 15.5 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.741 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP015790.D

Acq: 28 Jun 2023 21:46

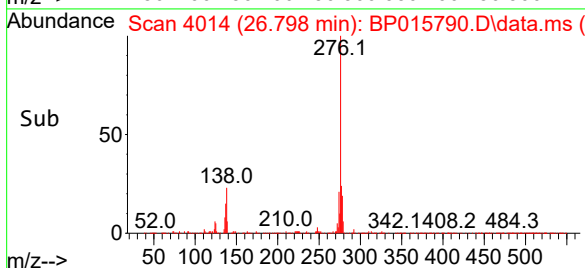
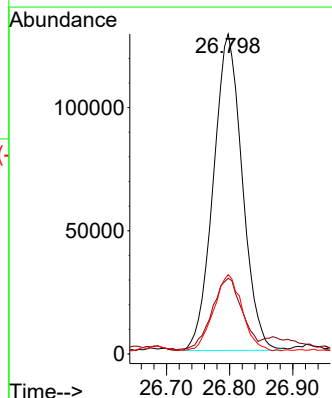
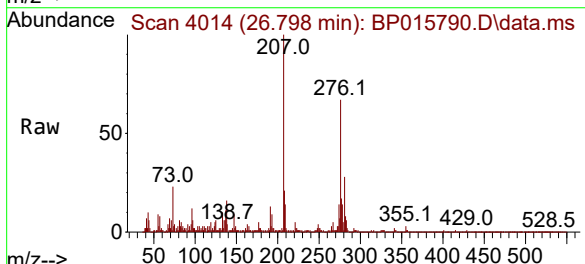
Tgt Ion:276 Resp: 408573

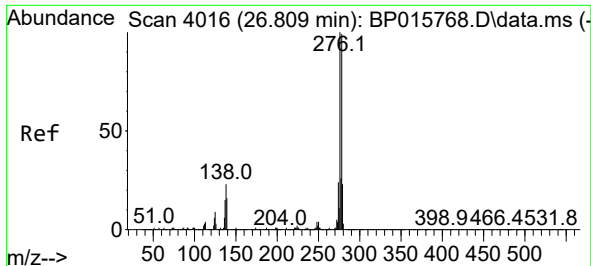
Ion Ratio Lower Upper

276 100

138 29.6 15.7 23.5#

277 24.8 19.6 29.4

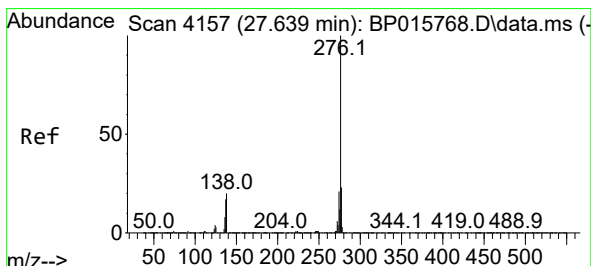
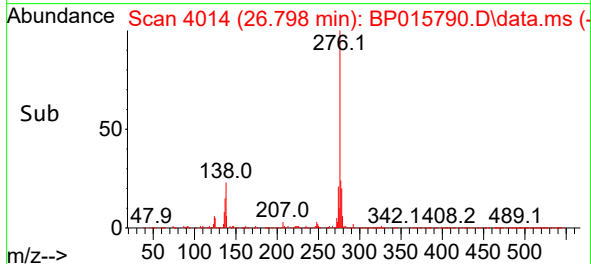
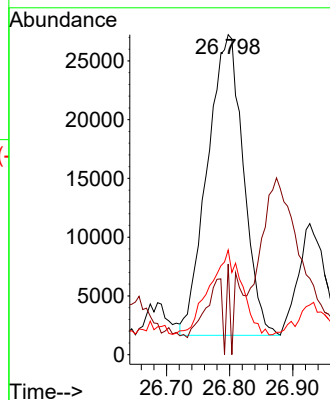
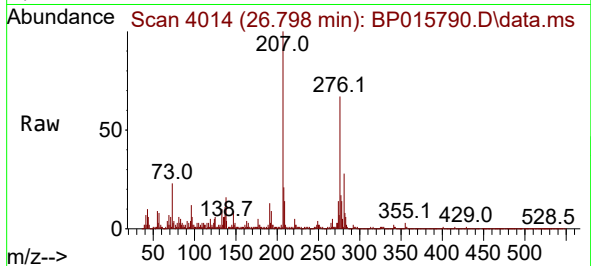




#95
Dibenzo(a,h)anthracene
Concen: 1.432 ng/ul
RT: 26.798 min Scan# 4016
Delta R.T. -0.012 min
Lab File: BP015790.D
Acq: 28 Jun 2023 21:46

Instrument :
BNA_P
ClientSampleId :
DCFS3

Tgt Ion:278 Resp: 101374
Ion Ratio Lower Upper
278 100
139 28.4 10.5 15.7#
279 32.7 18.4 27.6#



#96
Benzo(g,h,i)perylene
Concen: 5.360 ng/ul
RT: 27.639 min Scan# 4157
Delta R.T. 0.006 min
Lab File: BP015790.D
Acq: 28 Jun 2023 21:46

Tgt Ion:276 Resp: 379968
Ion Ratio Lower Upper
276 100
138 25.0 15.1 22.7#
277 23.8 18.8 28.2

