

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031934.D
 Acq On : 12 Jun 2024 10:08
 Operator : MA/JU
 Sample : P2647-08DL 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBS2DL

Quant Time: Jun 12 22:51:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

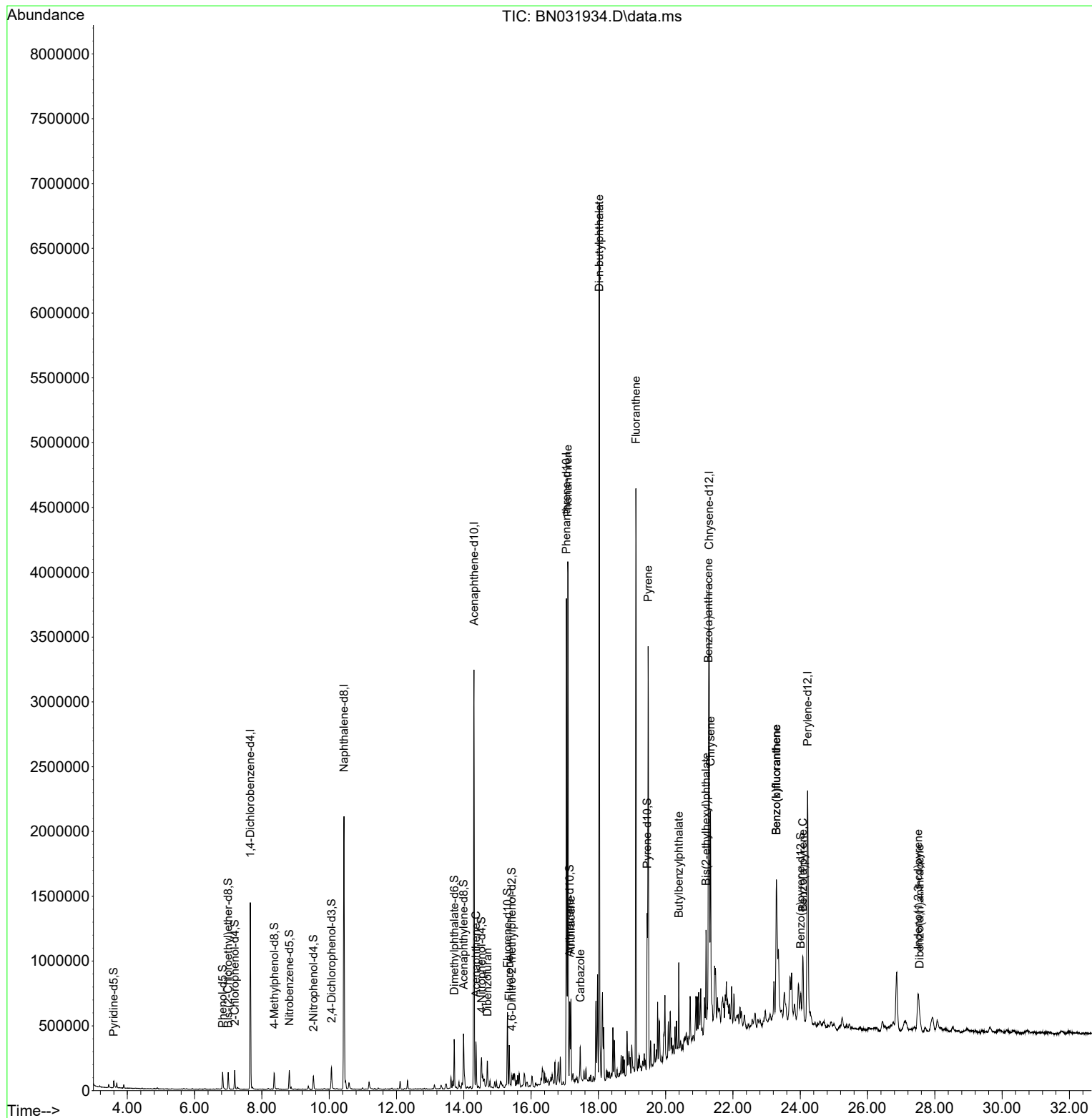
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	394449	20.000	ng/u1	0.00
20) Naphthalene-d8	10.439	136	1786437	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1124152	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	2138223	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1432833	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1636633	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4529	0.475	ng/uL	0.00
4) Pyridine-d5	3.599	84	31715	1.182	ng/u1	0.02
7) Phenol-d5	6.834	99	82683	2.445	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	57126	2.888	ng/u1	0.00
11) 2-Chlorophenol-d4	7.192	132	70858	2.746	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	56764	2.059	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	38383	2.810	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	35440	2.512	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	71384	2.710	ng/u1	0.00
31) 4-Chloroaniline-d4	10.586	131	31580	0.807	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	251301	3.209	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	283547	3.149	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	21117	1.347	ng/u1	0.00
60) Fluorene-d10	15.298	176	218053	3.291	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	16427	1.528	ng/u1	0.00
73) Anthracene-d10	17.151	188	310030	3.387	ng/u1	0.00
81) Pyrene-d10	19.451	212	273598	3.568	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	179074	2.291	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.363	153	142229	2.112	ng/u1	99
56) Dibenzofuran	14.704	168	97332	1.064	ng/u1	99
61) Fluorene	15.351	166	140190	1.903	ng/u1	96
72) Phenanthrene	17.092	178	2459885	22.584	ng/u1	99
74) Anthracene	17.186	178	411736	3.731	ng/u1	99
77) Carbazole	17.463	167	158829	1.688	ng/u1	99
78) Di-n-butylphthalate	18.027	149	5169592	39.927	ng/u1	100
80) Fluoranthene	19.115	202	2576843	28.121	ng/u1	100
82) Pyrene	19.480	202	1983453	21.097	ng/u1	98
83) Butylbenzylphthalate	20.392	149	204833	4.613	ng/u1	95
85) Benzo(a)anthracene	21.274	228	999247	10.419	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	306258	4.731	ng/u1	98
87) Chrysene	21.333	228	1015446	11.335	ng/u1	97
90) Benzo(b)fluoranthene	23.292	252	1180183	12.064	ng/u1	97
91) Benzo(k)fluoranthene	23.292	252	1180183	12.294	ng/u1	98
93) Benzo(a)pyrene	24.074	252	469611	5.126	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.503	276	415389	3.934	ng/u1	98
95) Dibenzo(a,h)anthracene	27.550	278	153357	1.779	ng/u1#	93

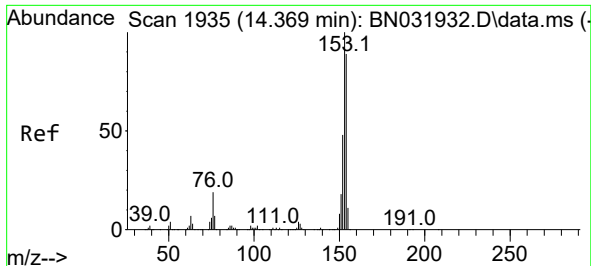
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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Quant Title : SVOA CALIBRATION
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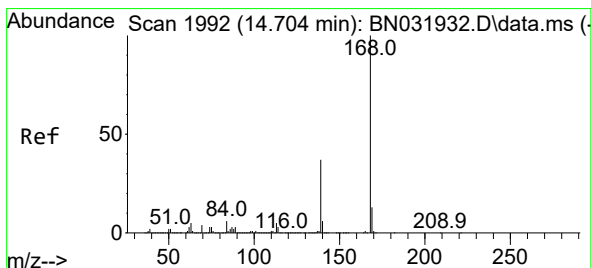
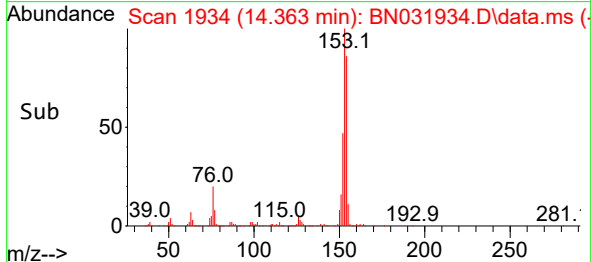
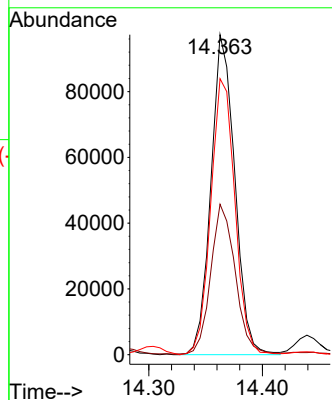
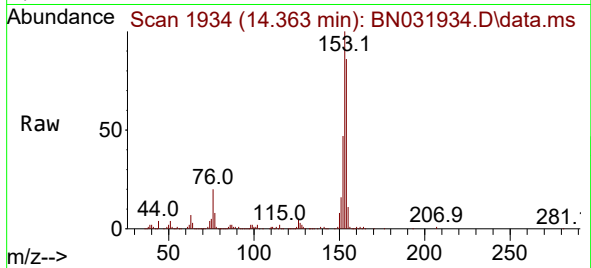




#52
Acenaphthene
Concen: 2.112 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BN031934.D
Acq: 12 Jun 2024 10:08

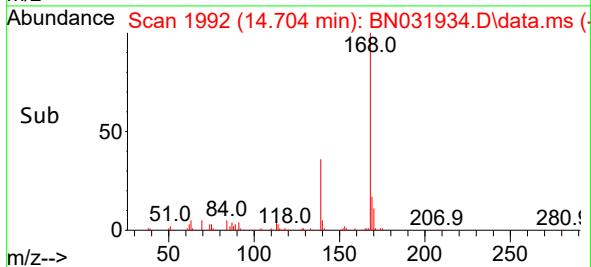
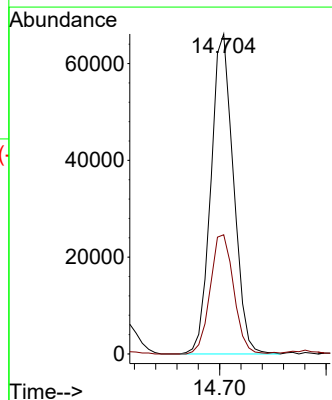
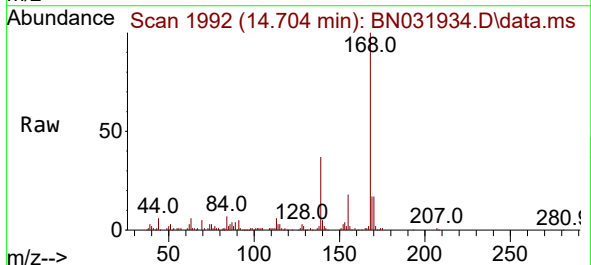
Instrument :
BNA_N
ClientSampleId :
BHBS2DL

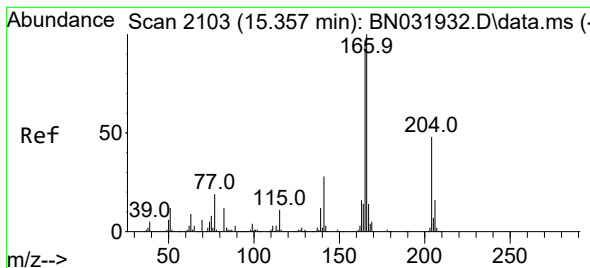
Tgt Ion:153 Resp: 142229
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.6
154 86.3 69.8 104.8



#56
Dibenzofuran
Concen: 1.064 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN031934.D
Acq: 12 Jun 2024 10:08

Tgt Ion:168 Resp: 97332
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.0





#61

Fluorene

Concen: 1.903 ng/ul

RT: 15.351 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

Instrument :

BNA_N

ClientSampleId :

BHBS2DL

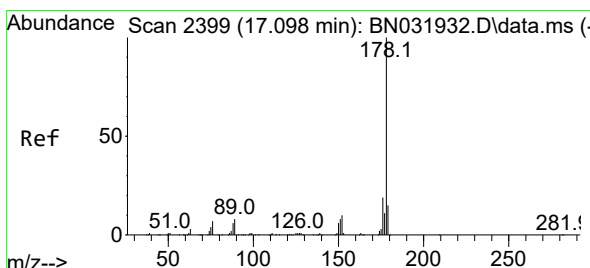
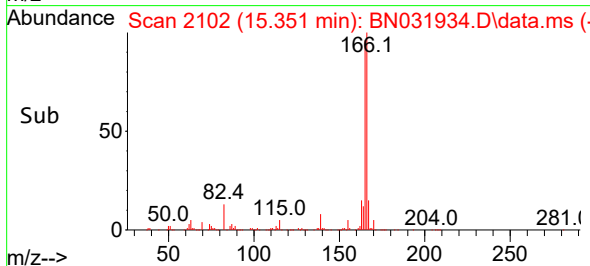
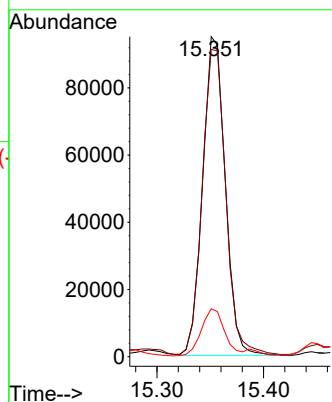
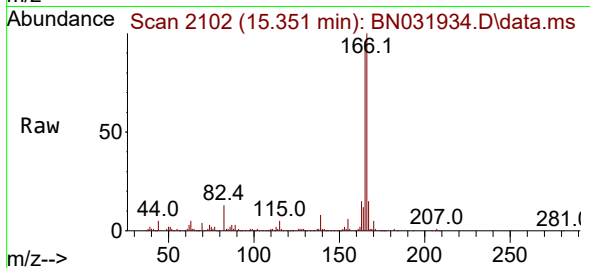
Tgt Ion:166 Resp: 140190

Ion Ratio Lower Upper

166 100

165 96.0 80.3 120.5

167 15.0 11.3 16.9



#72

Phenanthrene

Concen: 22.584 ng/ul

RT: 17.092 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

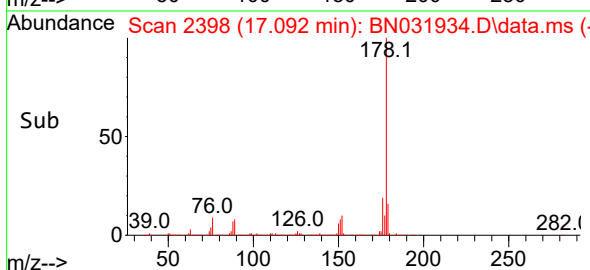
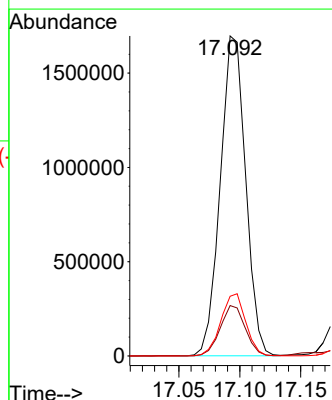
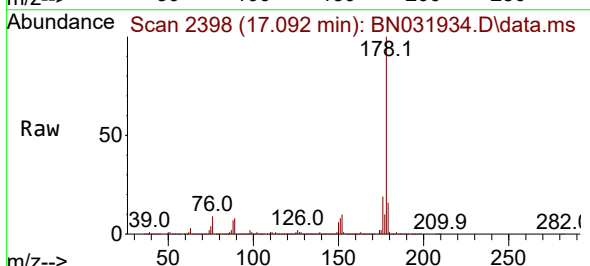
Tgt Ion:178 Resp: 2459885

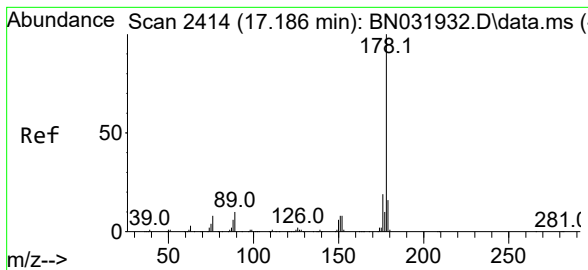
Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 18.7 15.8 23.6

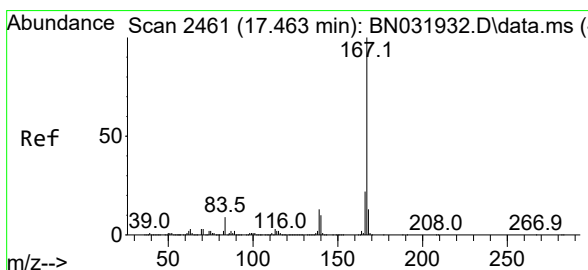
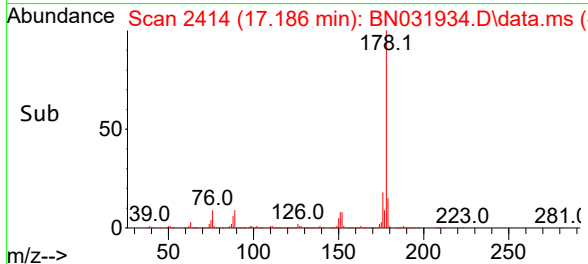
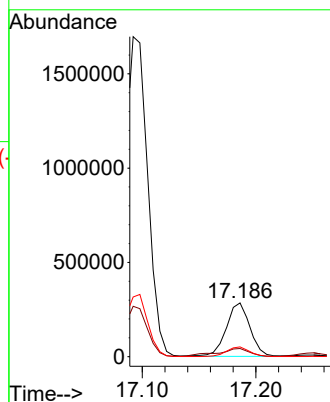
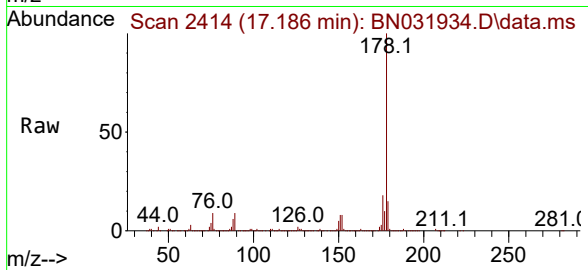




#74
 Anthracene
 Concen: 3.731 ng/ul
 RT: 17.186 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: BN031934.D
 Acq: 12 Jun 2024 10:08

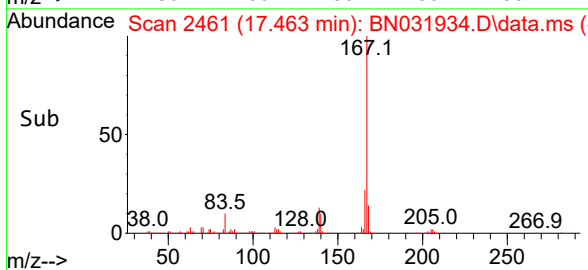
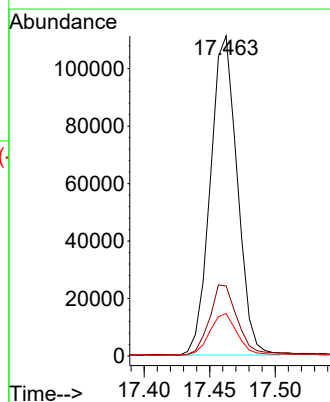
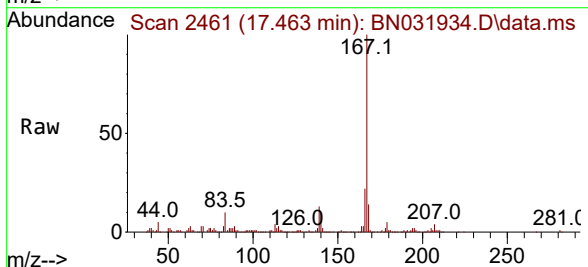
Instrument :
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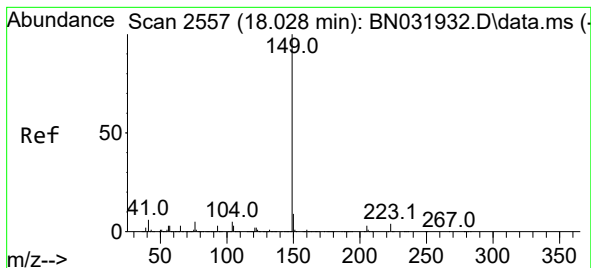
Tgt Ion:	178	Resp:	411736
Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.6
176	18.3	14.8	22.2



#77
 Carbazole
 Concen: 1.688 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. -0.000 min
 Lab File: BN031934.D
 Acq: 12 Jun 2024 10:08

Tgt Ion:	167	Resp:	158829
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	13.3	10.5	15.7





#78

Di-n-butylphthalate

Concen: 39.927 ng/ul

RT: 18.027 min Scan# 2557

Delta R.T. -0.000 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

Instrument :

BNA_N

ClientSampleId :

BHBS2DL

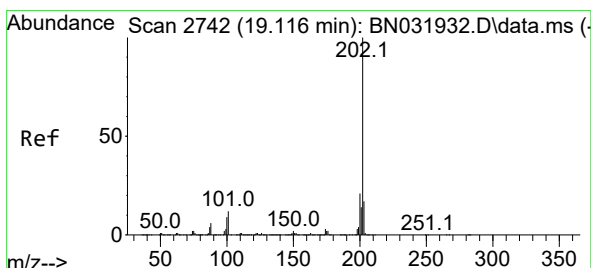
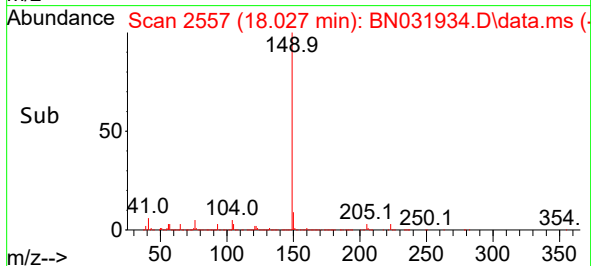
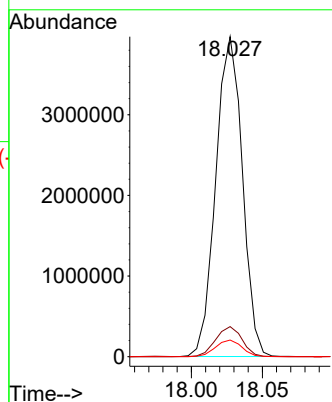
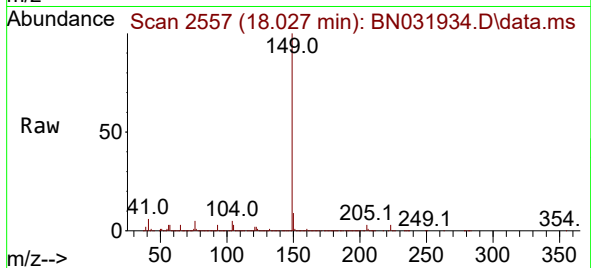
Tgt Ion:149 Resp: 5169592

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.2 4.1 6.1



#80

Fluoranthene

Concen: 28.121 ng/ul

RT: 19.115 min Scan# 2742

Delta R.T. -0.000 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

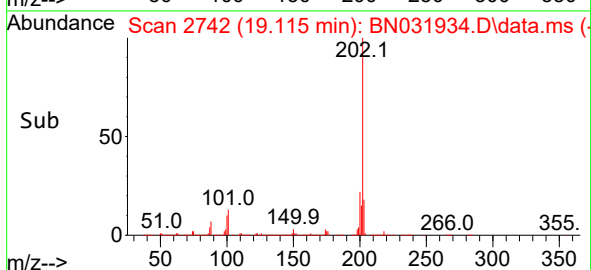
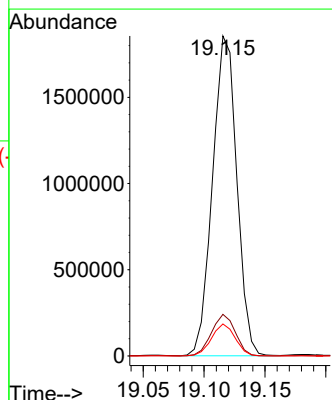
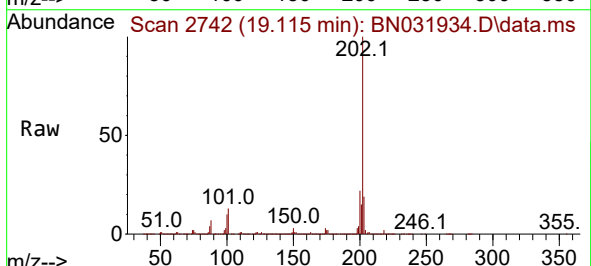
Tgt Ion:202 Resp: 2576843

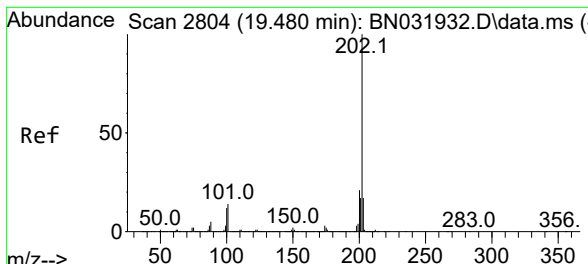
Ion Ratio Lower Upper

202 100

101 13.0 10.3 15.5

100 10.0 8.0 12.0



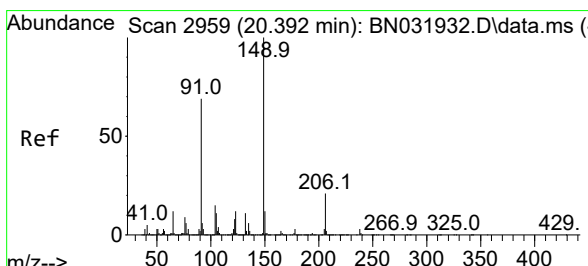
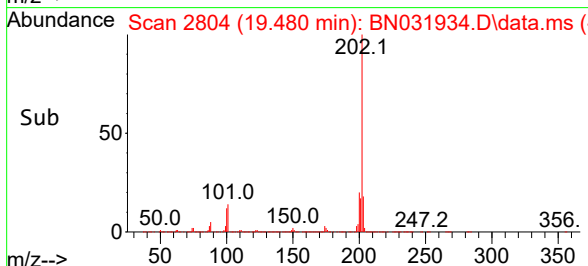
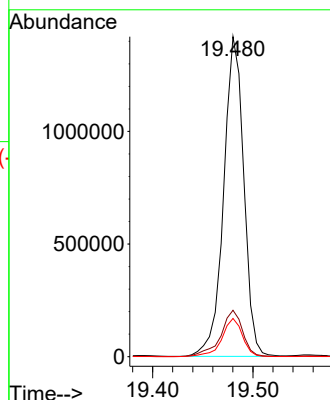
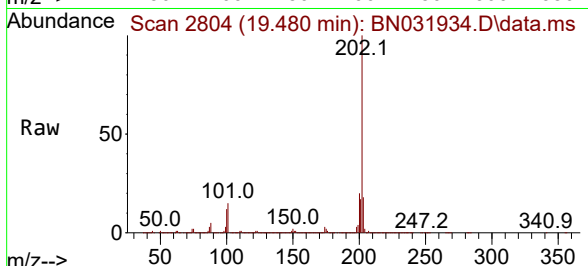


#82
 Pyrene
 Concen: 21.097 ng/ul
 RT: 19.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031934.D
 Acq: 12 Jun 2024 10:08

Instrument :
 BNA_N
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 BHBS2DL

Tgt Ion:202 Resp: 1983453

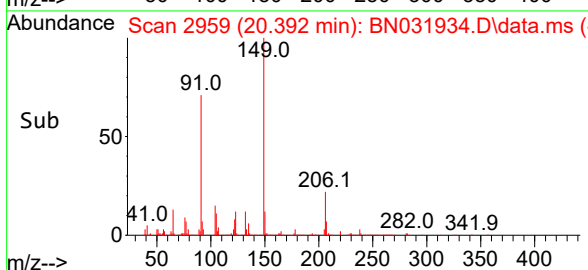
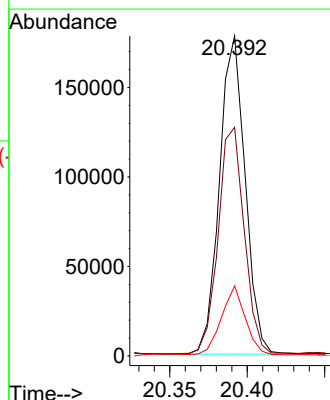
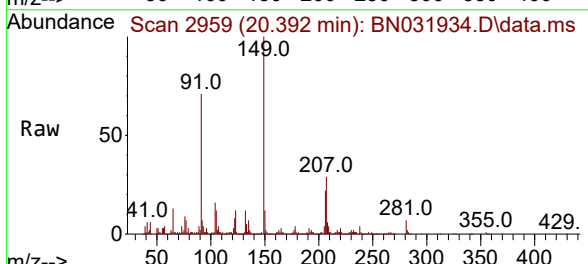
Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.6	18.8
100	11.9	10.2	15.2

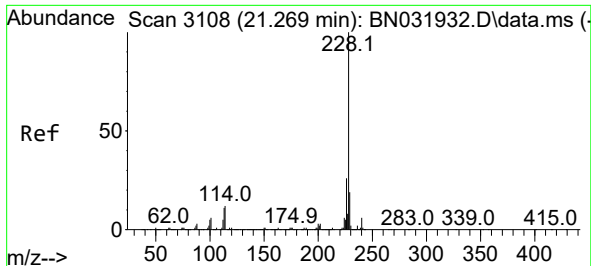


#83
 Butylbenzylphthalate
 Concen: 4.613 ng/ul
 RT: 20.392 min Scan# 2959
 Delta R.T. -0.000 min
 Lab File: BN031934.D
 Acq: 12 Jun 2024 10:08

Tgt Ion:149 Resp: 204833

Ion	Ratio	Lower	Upper
149	100		
91	71.5	61.0	91.4
206	21.9	16.5	24.7

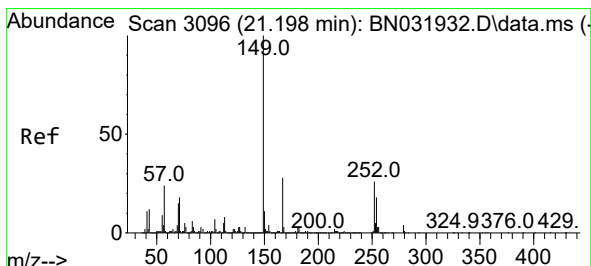
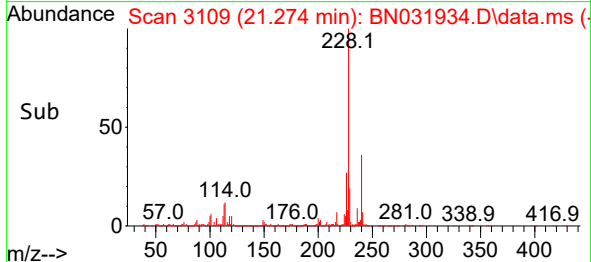
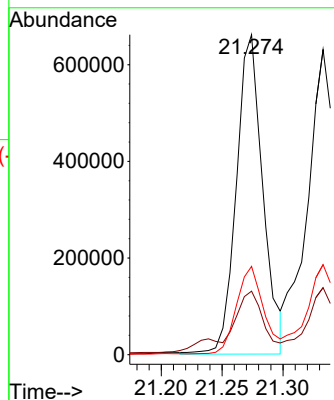
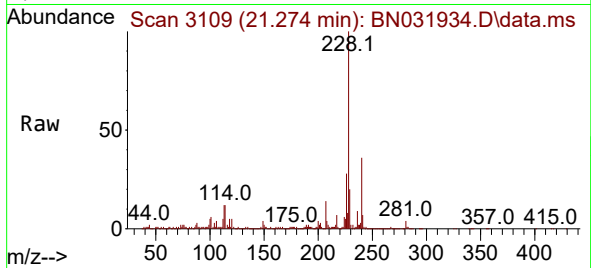




#85
Benzo(a)anthracene
Concen: 10.419 ng/ul
RT: 21.274 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN031934.D
Acq: 12 Jun 2024 10:08

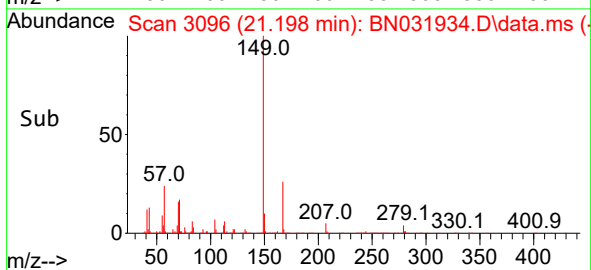
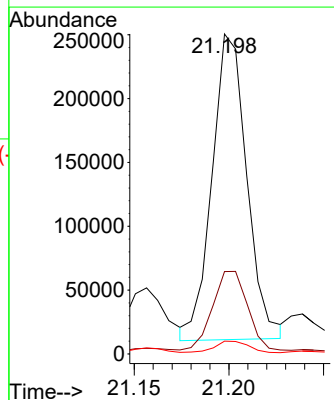
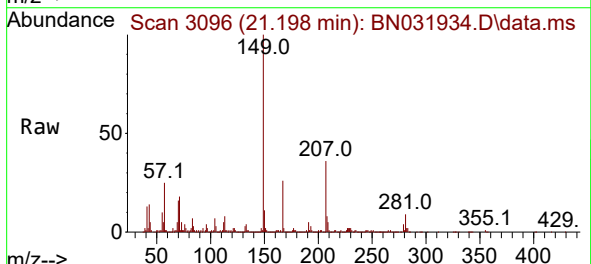
Instrument :
BNA_N
ClientSampleId :
BHBS2DL

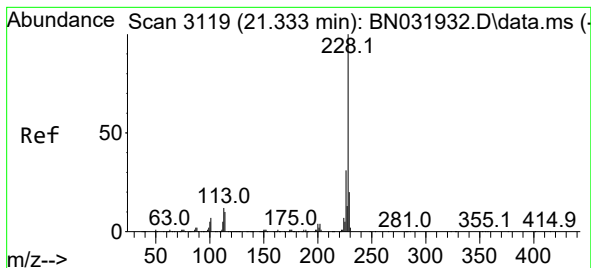
Tgt Ion:228 Resp: 999247
Ion Ratio Lower Upper
228 100
229 19.8 16.7 25.1
226 27.6 22.8 34.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.731 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031934.D
Acq: 12 Jun 2024 10:08

Tgt Ion:149 Resp: 306258
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.0
279 4.0 3.3 4.9





#87

Chrysene

Concen: 11.335 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

Instrument :

BNA_N

ClientSampleId :

BHBS2DL

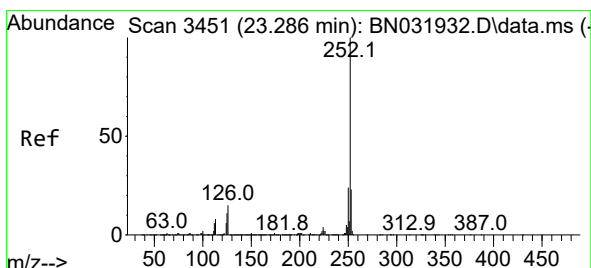
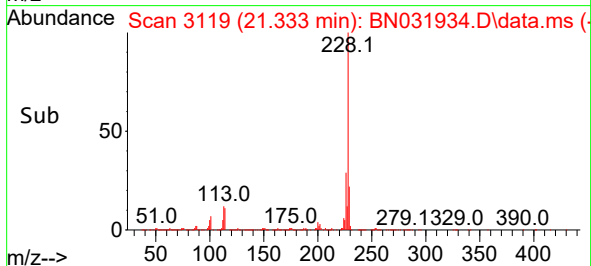
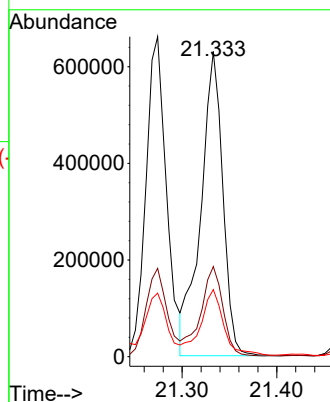
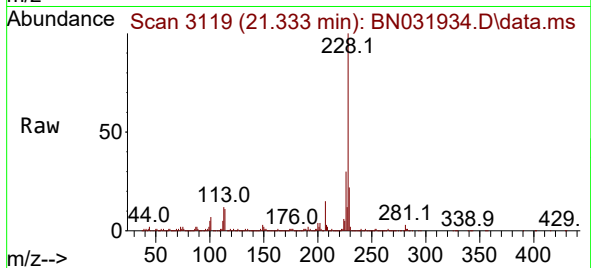
Tgt Ion:228 Resp: 1015446

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 22.0 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 12.064 ng/ul

RT: 23.292 min Scan# 3452

Delta R.T. -0.000 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

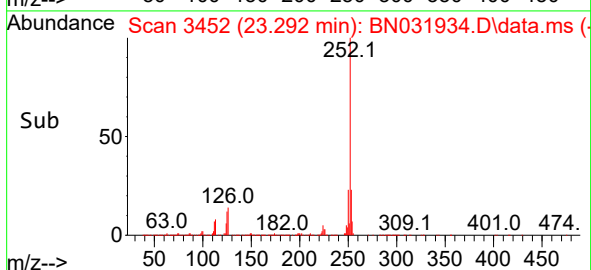
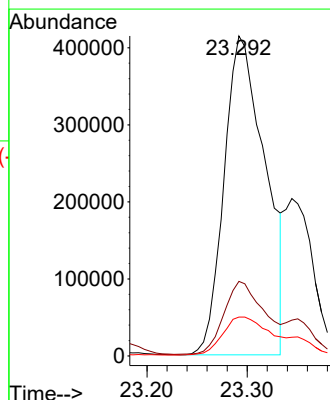
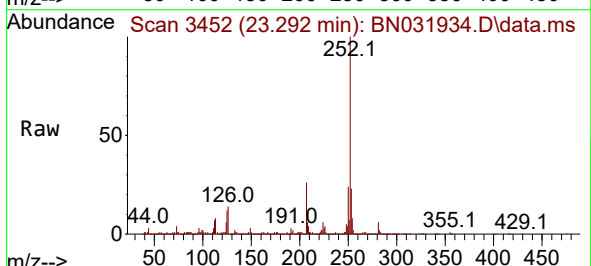
Tgt Ion:252 Resp: 1180183

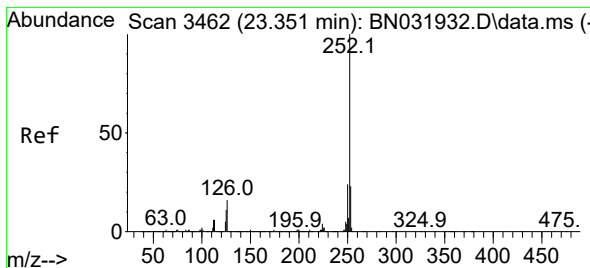
Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

125 12.1 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 12.294 ng/ul

RT: 23.292 min Scan# 34

Delta R.T. -0.059 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

Instrument :

BNA_N

ClientSampleId :

BHBS2DL

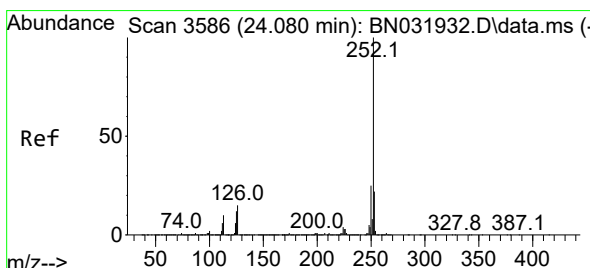
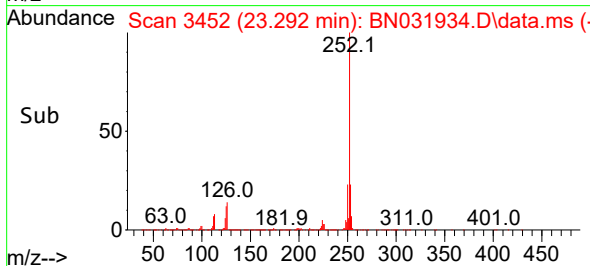
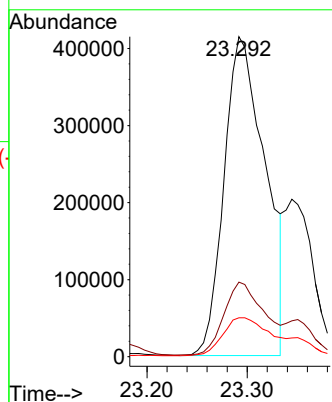
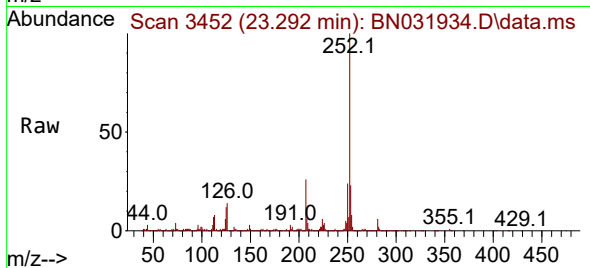
Tgt Ion:252 Resp: 1180183

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 12.1 9.4 14.2



#93

Benzo(a)pyrene

Concen: 5.126 ng/ul

RT: 24.074 min Scan# 3585

Delta R.T. -0.006 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

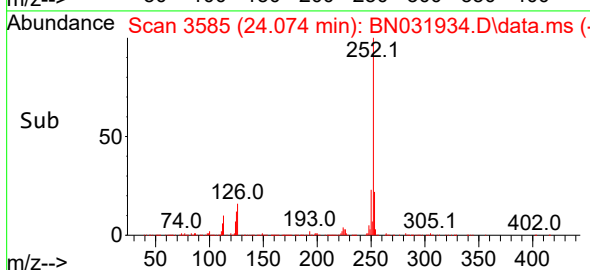
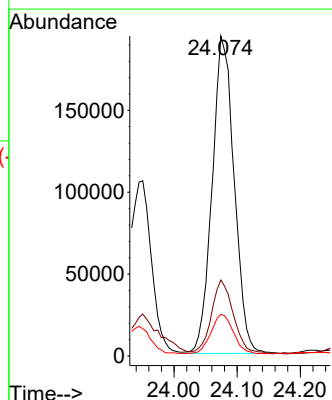
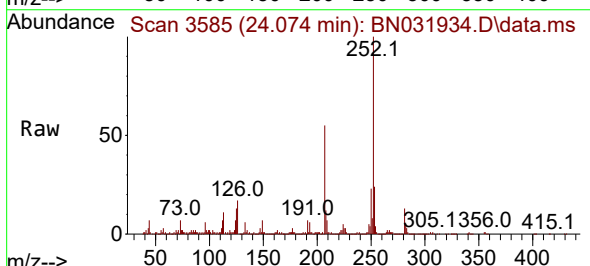
Tgt Ion:252 Resp: 469611

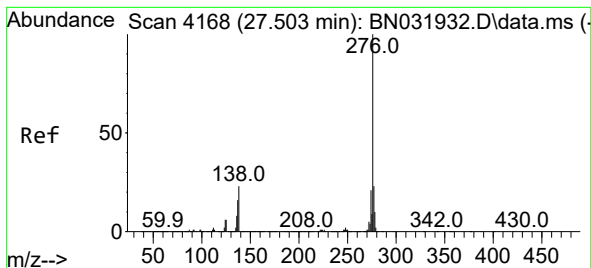
Ion Ratio Lower Upper

252 100

253 23.8 16.6 24.8

125 13.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.934 ng/ul

RT: 27.503 min Scan# 4168

Delta R.T. -0.012 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

Instrument :

BNA_N

ClientSampleId :

BHBS2DL

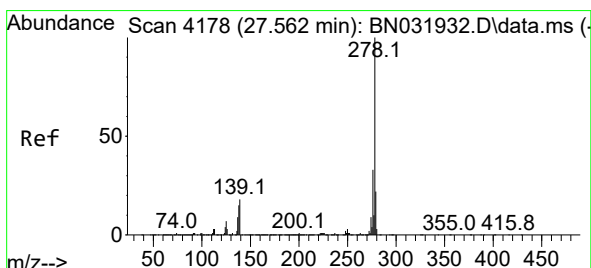
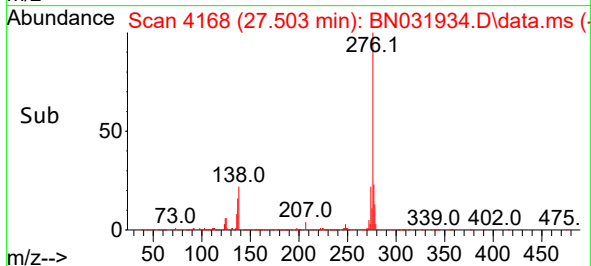
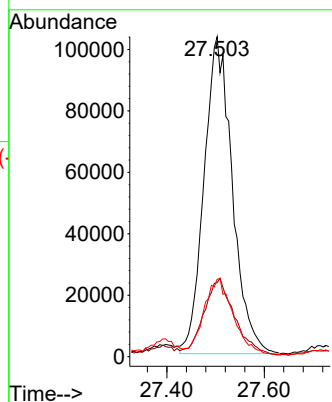
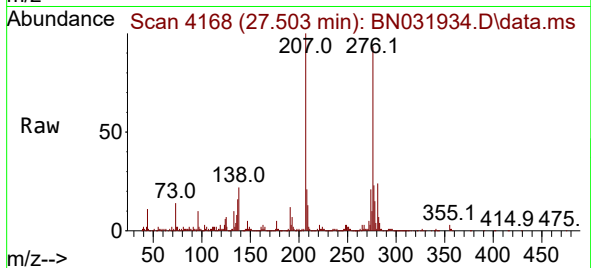
Tgt Ion:276 Resp: 415389

Ion Ratio Lower Upper

276 100

138 23.1 18.1 27.1

277 24.2 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 1.779 ng/ul

RT: 27.550 min Scan# 4176

Delta R.T. -0.030 min

Lab File: BN031934.D

Acq: 12 Jun 2024 10:08

Tgt Ion:278 Resp: 153357

Ion Ratio Lower Upper

278 100

139 19.1 15.0 22.6

279 28.0 17.4 26.0#

