

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031950.D
 Acq On : 12 Jun 2024 20:38
 Operator : MA/JU
 Sample : P2678-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 22:54:52 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)

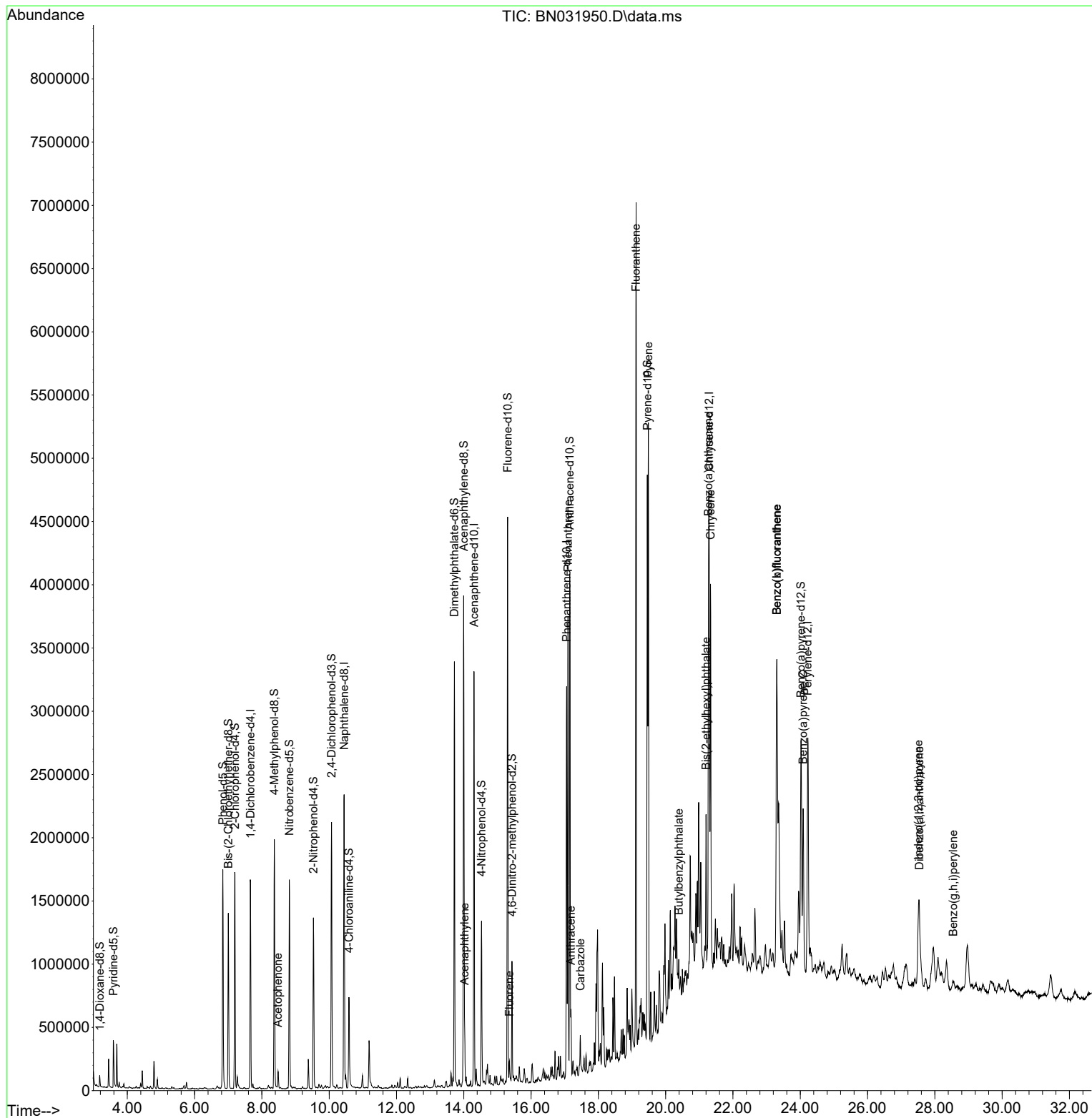
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	475226	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	1995432	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1152738	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1847266	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1333651	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1627576	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	47451	4.131	ng/uL	0.00
4) Pyridine-d5	3.587	84	194462	6.014	ng/u1	0.00
7) Phenol-d5	6.840	99	1049101	25.751	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	585630	24.575	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	857021	27.570	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	787116	23.702	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	434822	28.500	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	476211	30.216	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	816103	27.737	ng/u1	0.00
31) 4-Chloroaniline-d4	10.586	131	462987	10.598	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2248507	27.999	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2569013	27.821	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	306048	19.034	ng/u1	0.00
60) Fluorene-d10	15.304	176	1756938	25.857	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	195561	21.061	ng/u1	0.00
73) Anthracene-d10	17.151	188	2297959	29.057	ng/u1	0.00
81) Pyrene-d10	19.457	212	2019736	28.301	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1683989	21.668	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.481	105	77952	1.549	ng/u1	98
50) Acenaphthylene	14.027	152	284857	2.730	ng/u1	99
61) Fluorene	15.357	166	77537	1.026	ng/u1	98
72) Phenanthrene	17.098	178	2156582	22.917	ng/u1	99
74) Anthracene	17.186	178	330527	3.466	ng/u1	98
77) Carbazole	17.463	167	178056	2.190	ng/u1	98
80) Fluoranthene	19.121	202	3883123	45.528	ng/u1	98
82) Pyrene	19.486	202	2998223	34.263	ng/u1	98
83) Butylbenzylphthalate	20.392	149	81354	1.968	ng/u1	90
85) Benzo(a)anthracene	21.274	228	1687117	18.900	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	476785	7.914	ng/u1	99
87) Chrysene	21.333	228	1935382	23.211	ng/u1	97
90) Benzo(b)fluoranthene	23.303	252	2591398	26.637	ng/u1	99
91) Benzo(k)fluoranthene	23.303	252	2591398	27.146	ng/u1	100
93) Benzo(a)pyrene	24.086	252	1116456	12.253	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.515	276	508098	4.839	ng/u1	95
95) Dibenzo(a,h)anthracene	27.544	278	156207	1.822	ng/u1#	93
96) Benzo(g,h,i)perylene	28.550	276	94718	1.135	ng/u1	96

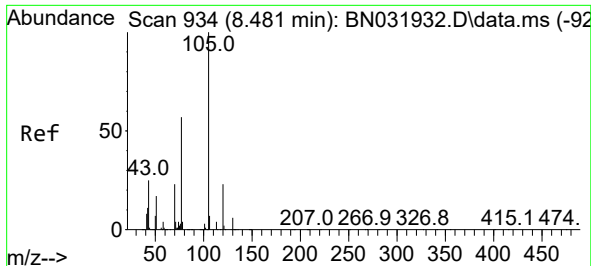
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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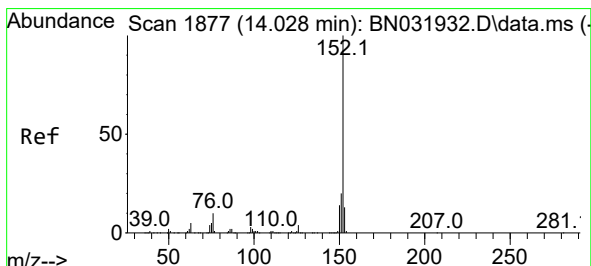
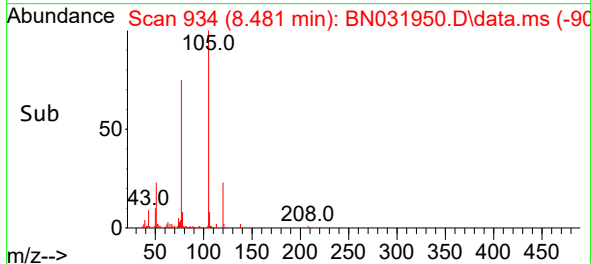
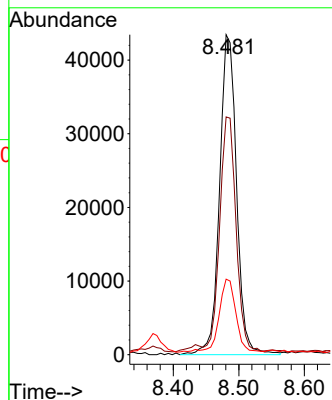
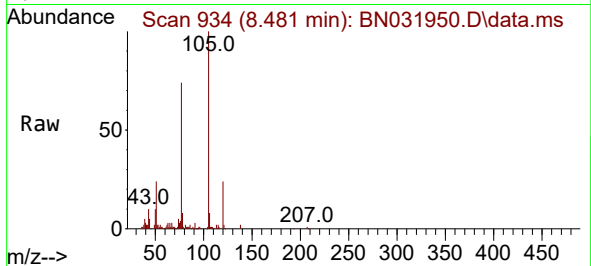




#16
Acetophenone
Concen: 1.549 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

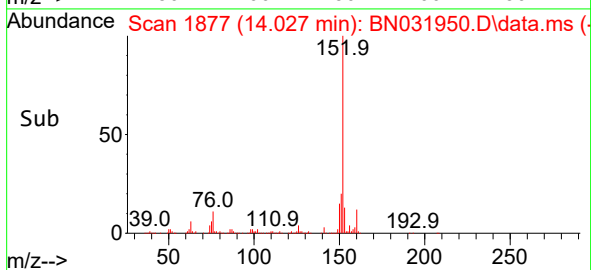
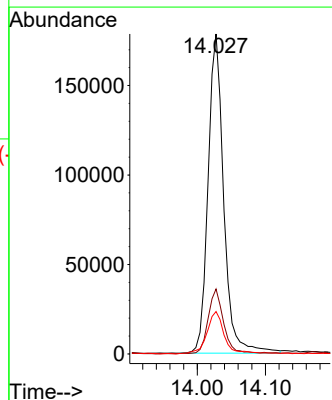
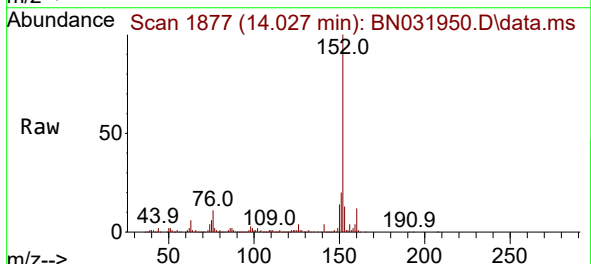
Instrument :
BNA_N
ClientSampleId :

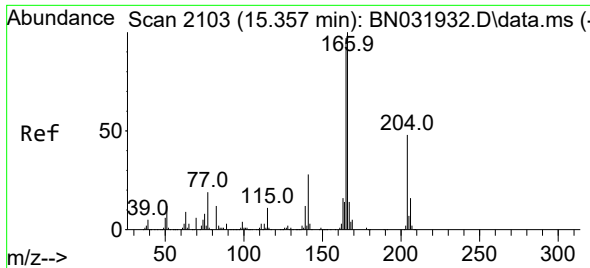
Tgt Ion:105 Resp: 77952
Ion Ratio Lower Upper
105 100
77 74.3 58.6 87.8
51 23.6 17.2 25.8



#50
Acenaphthylene
Concen: 2.730 ng/ul
RT: 14.027 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

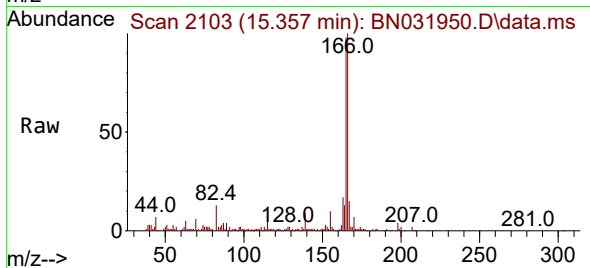
Tgt Ion:152 Resp: 284857
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.3 10.4 15.6



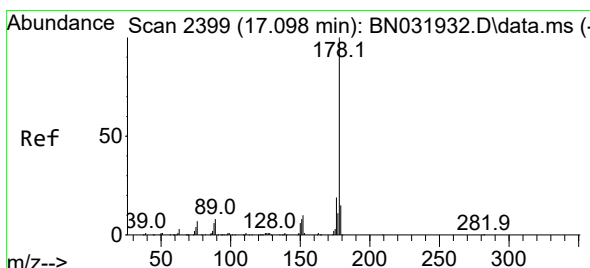
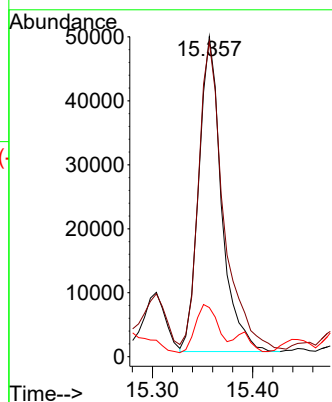
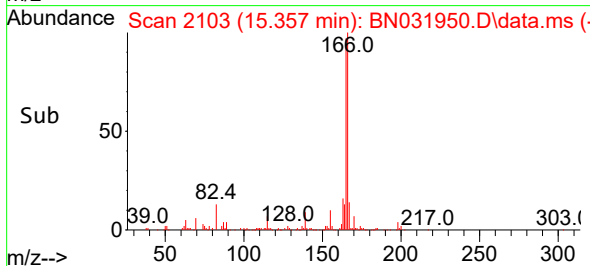


#61
Fluorene
Concen: 1.026 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

Instrument :
BNA_N
ClientSampleId :

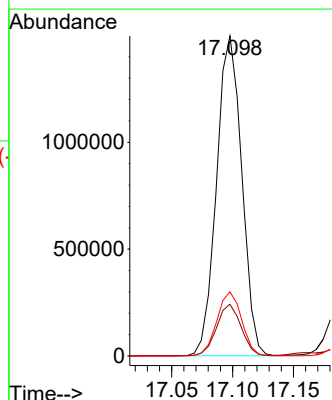
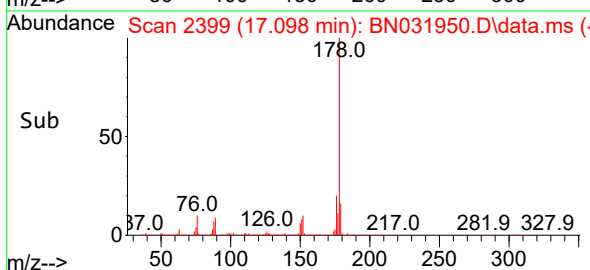
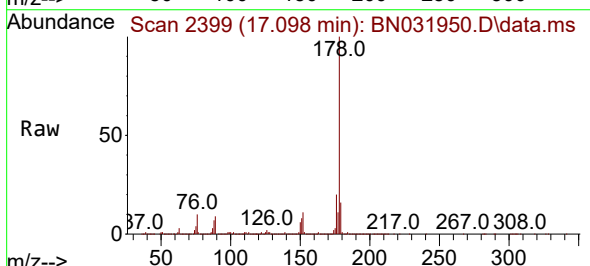


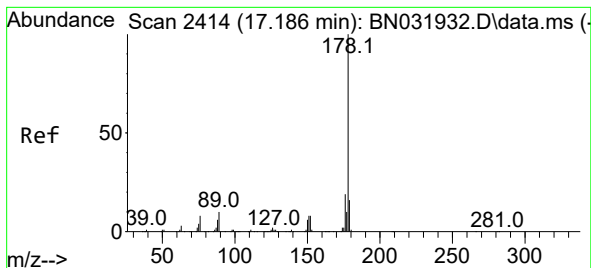
Tgt Ion:166 Resp: 77537
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 15.3 11.3 16.9



#72
Phenanthrene
Concen: 22.917 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

Tgt Ion:178 Resp: 2156582
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.1 15.8 23.6





#74

Anthracene

Concen: 3.466 ng/ul

RT: 17.186 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Instrument :

BNA_N

ClientSampleId :

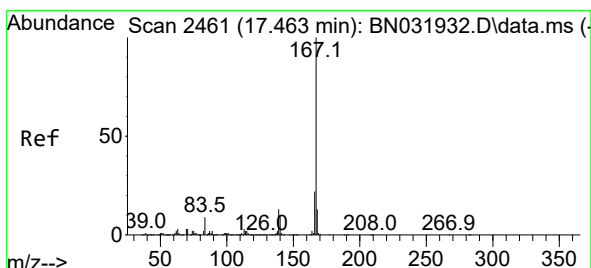
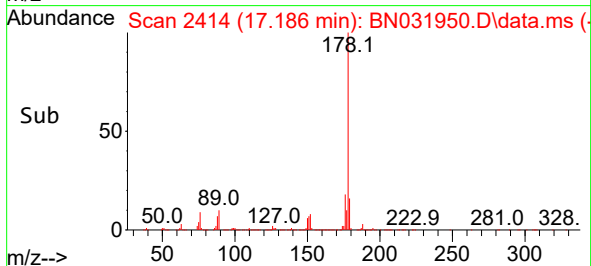
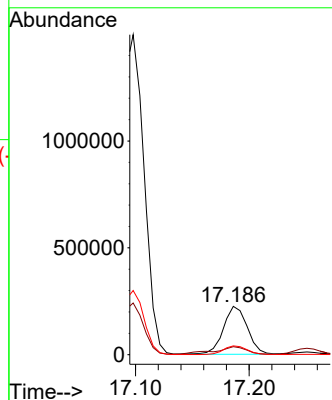
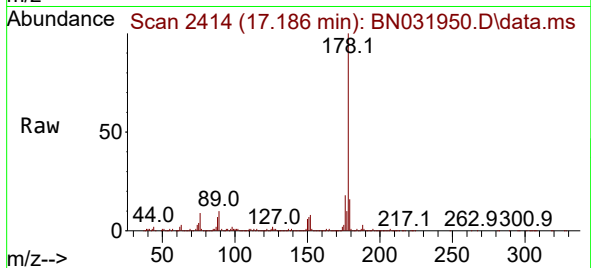
Tgt Ion:178 Resp: 330527

Ion Ratio Lower Upper

178 100

179 16.5 11.8 17.6

176 18.3 14.8 22.2



#77

Carbazole

Concen: 2.190 ng/ul

RT: 17.463 min Scan# 2461

Delta R.T. -0.000 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

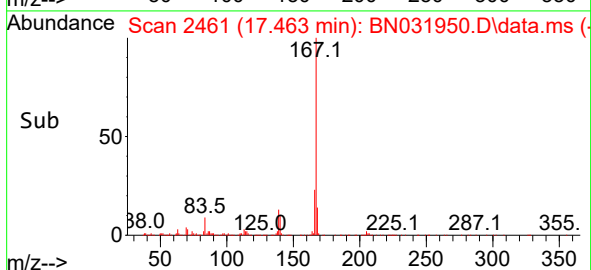
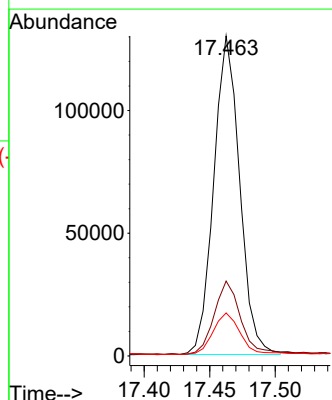
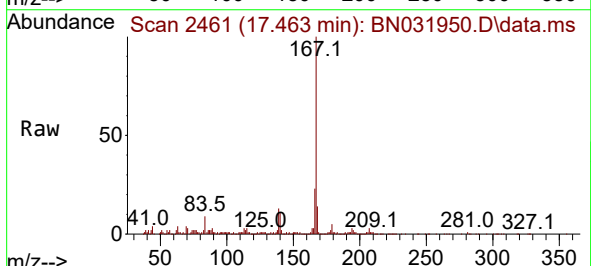
Tgt Ion:167 Resp: 178056

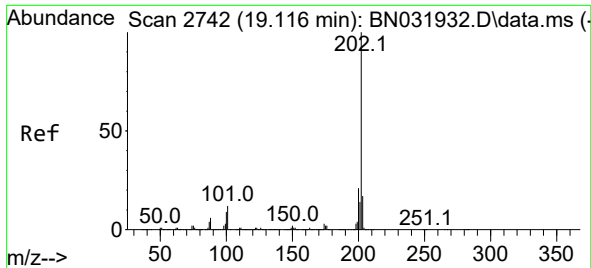
Ion Ratio Lower Upper

167 100

166 23.4 17.9 26.9

139 13.5 10.5 15.7

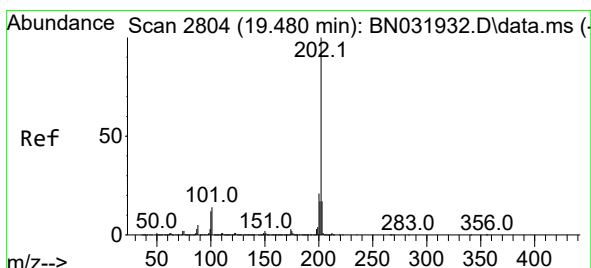
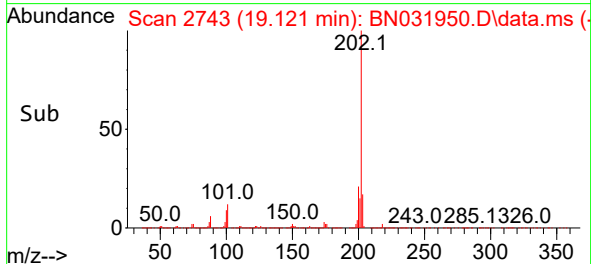
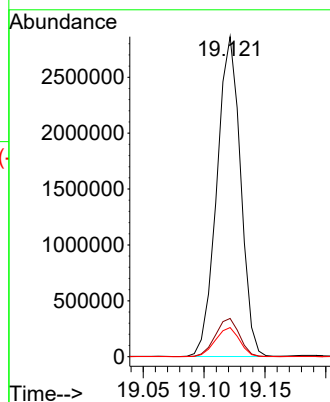
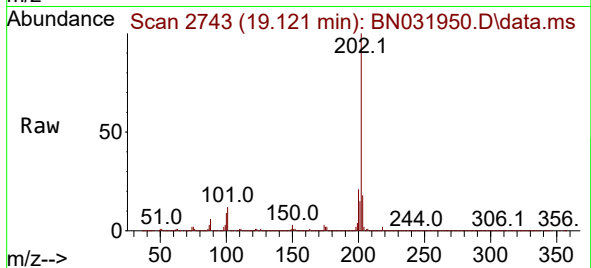




#80
Fluoranthene
Concen: 45.528 ng/ul
RT: 19.121 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

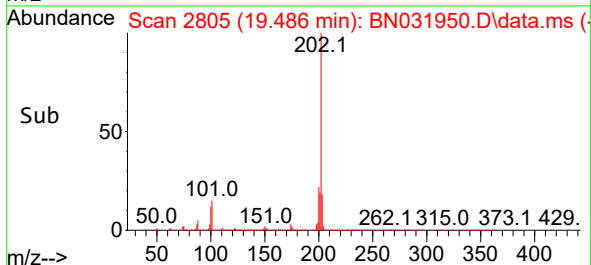
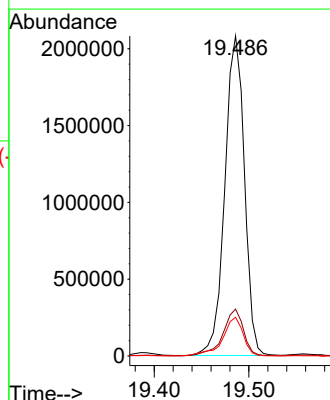
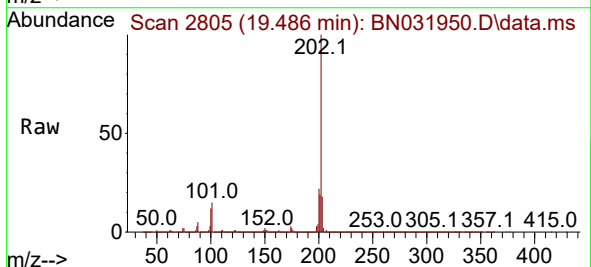
Instrument :
BNA_N
ClientSampleId :

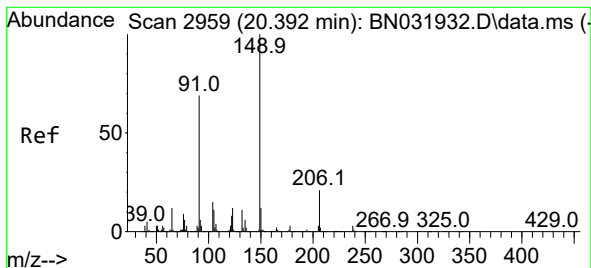
Tgt Ion:202 Resp: 3883123
Ion Ratio Lower Upper
202 100
101 11.9 10.3 15.5
100 9.1 8.0 12.0



#82
Pyrene
Concen: 34.263 ng/ul
RT: 19.486 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BN031950.D
Acq: 12 Jun 2024 20:38

Tgt Ion:202 Resp: 2998223
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.1 10.2 15.2





#83

Butylbenzylphthalate

Concen: 1.968 ng/ul

RT: 20.392 min Scan# 2959

Delta R.T. -0.000 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Instrument :

BNA_N

ClientSampleId :

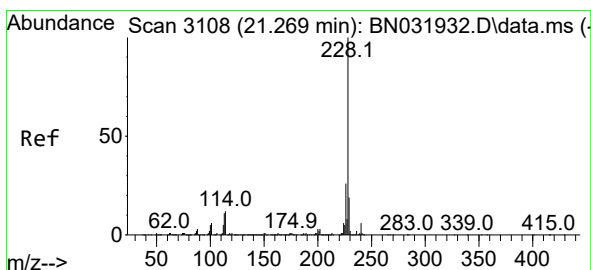
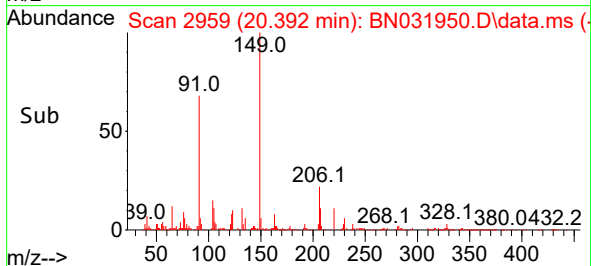
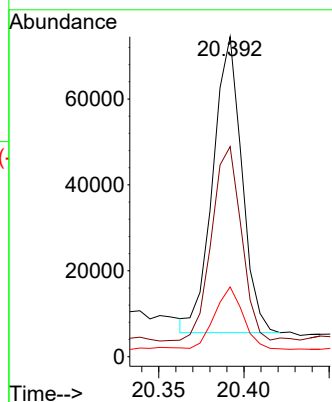
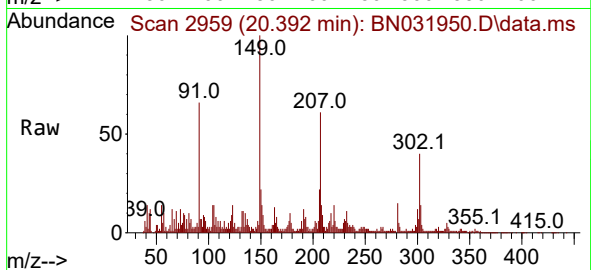
Tgt Ion:149 Resp: 81354

Ion Ratio Lower Upper

149 100

91 65.7 61.0 91.4

206 21.8 16.5 24.7



#85

Benzo(a)anthracene

Concen: 18.900 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

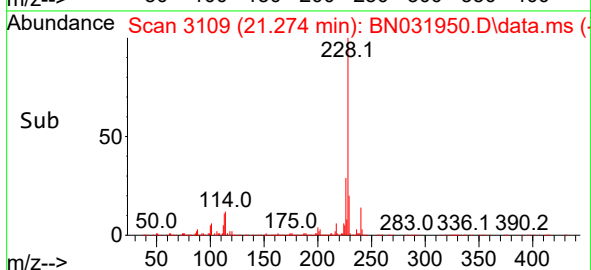
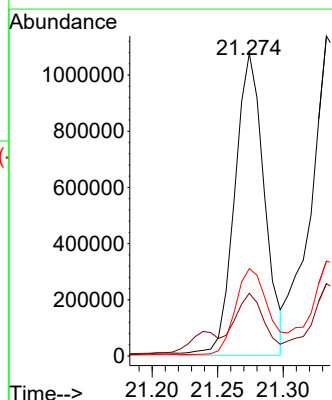
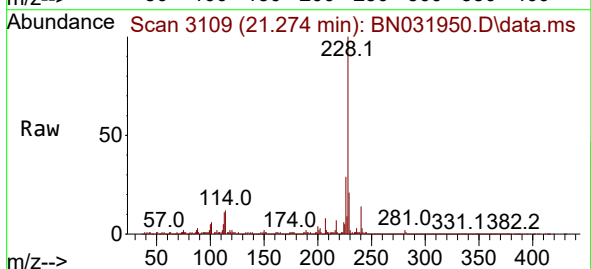
Tgt Ion:228 Resp: 1687117

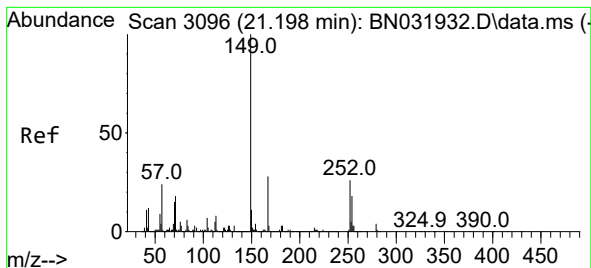
Ion Ratio Lower Upper

228 100

229 20.7 16.7 25.1

226 28.9 22.8 34.2

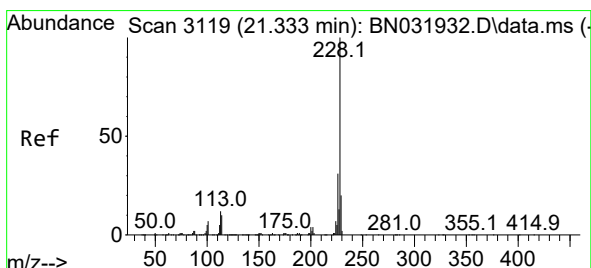
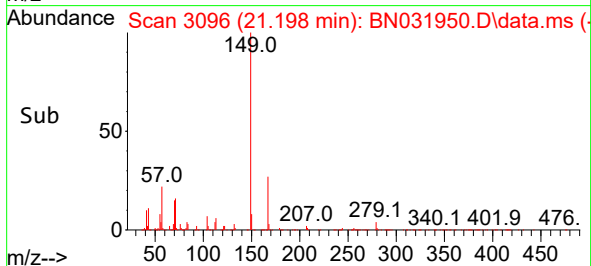
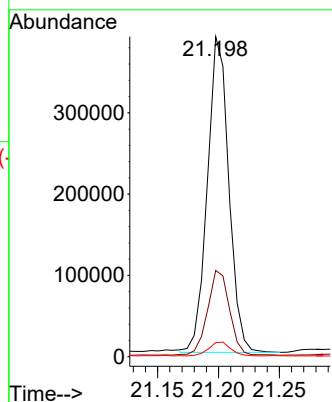
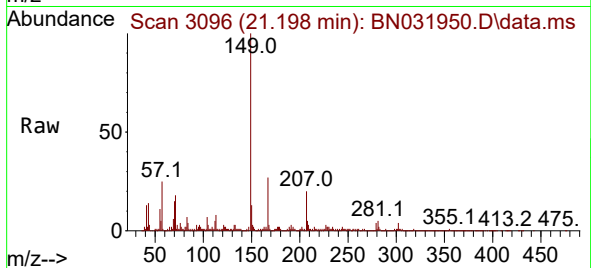




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 7.914 ng/ul
 RT: 21.198 min Scan# 3096
 Delta R.T. -0.006 min
 Lab File: BN031950.D
 Acq: 12 Jun 2024 20:38

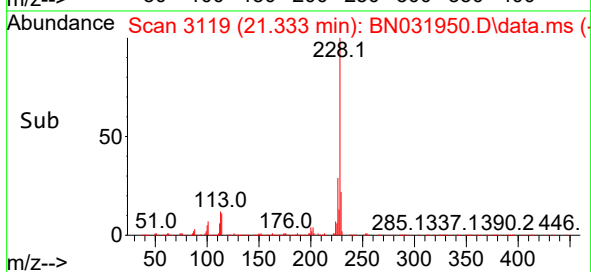
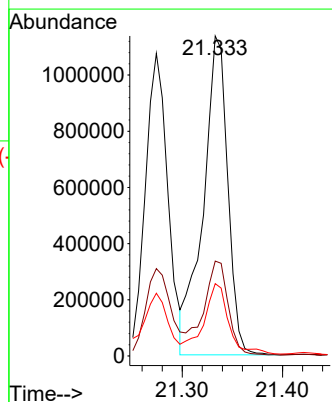
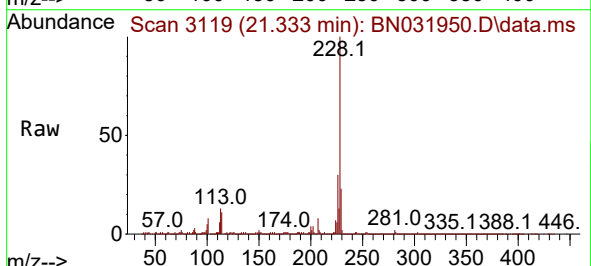
Instrument :
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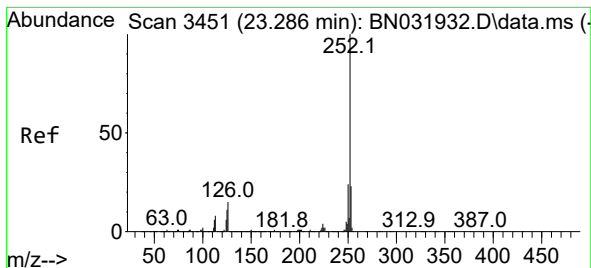
Tgt Ion:149 Resp: 476785
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 4.4 3.3 4.9



#87
 Chrysene
 Concen: 23.211 ng/ul
 RT: 21.333 min Scan# 3119
 Delta R.T. -0.000 min
 Lab File: BN031950.D
 Acq: 12 Jun 2024 20:38

Tgt Ion:228 Resp: 1935382
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.7 35.5
 229 22.6 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 26.637 ng/ul

RT: 23.303 min Scan# 3454

Delta R.T. 0.012 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Instrument :

BNA_N

ClientSampleId :

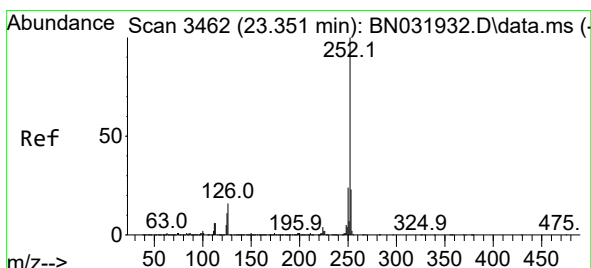
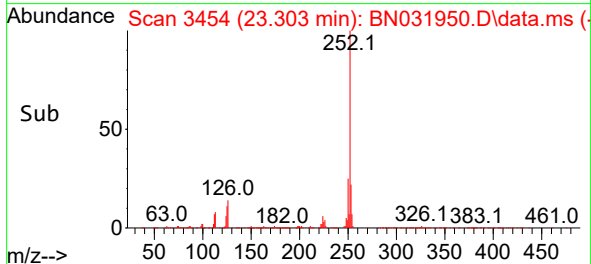
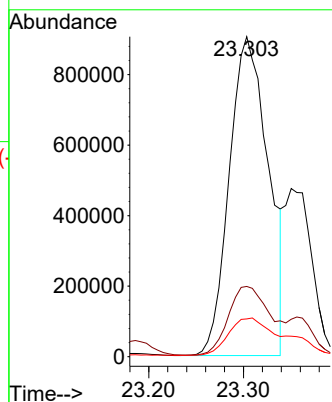
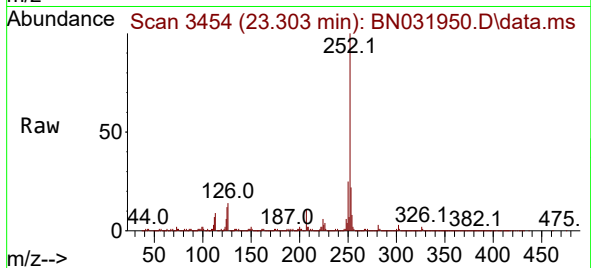
Tgt Ion:252 Resp: 2591398

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 11.8 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 27.146 ng/ul

RT: 23.303 min Scan# 3454

Delta R.T. -0.047 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

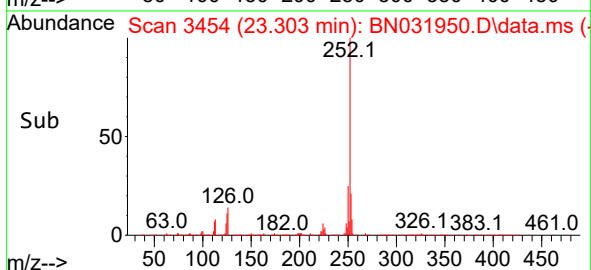
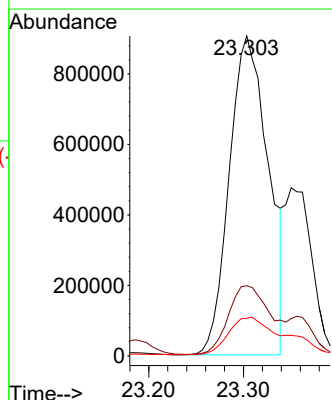
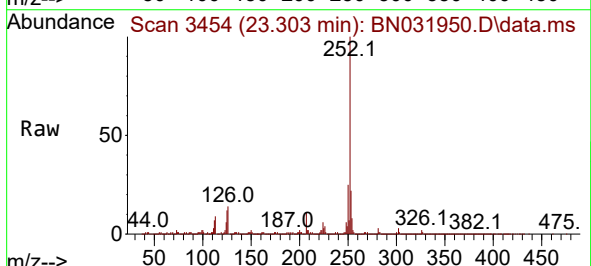
Tgt Ion:252 Resp: 2591398

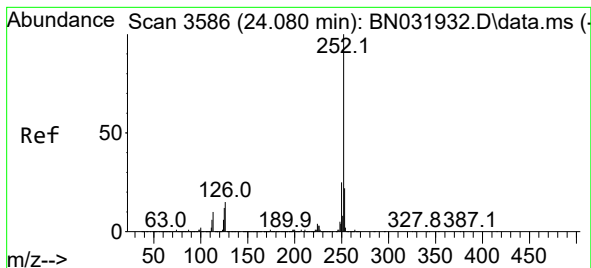
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.8 9.4 14.2





#93

Benzo(a)pyrene

Concen: 12.253 ng/ul

RT: 24.086 min Scan# 3

Delta R.T. 0.006 min

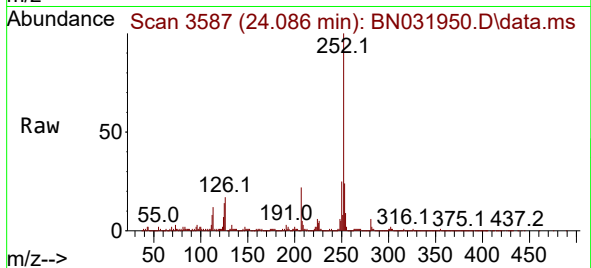
Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Instrument :

BNA_N

ClientSampleId :



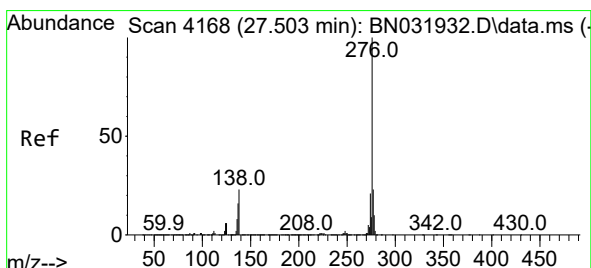
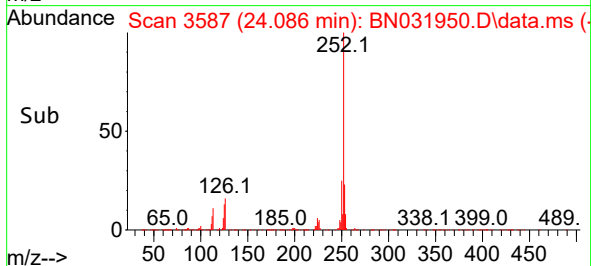
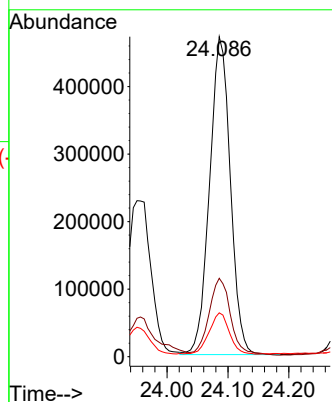
Tgt Ion:252 Resp: 1116456

Ion Ratio Lower Upper

252 100

253 24.5 16.6 24.8

125 13.7 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.839 ng/ul

RT: 27.515 min Scan# 4170

Delta R.T. -0.000 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

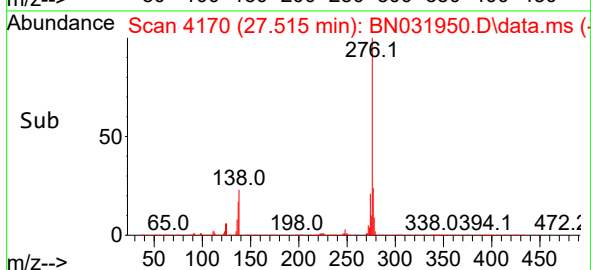
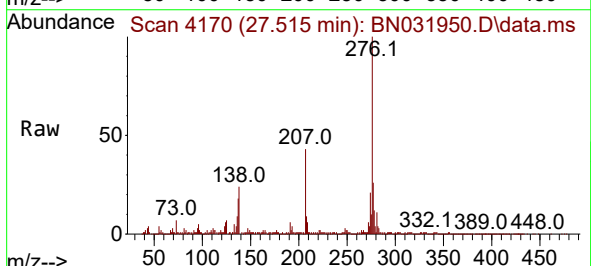
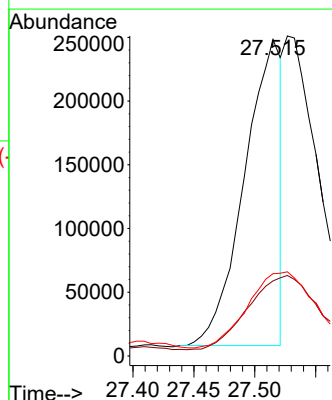
Tgt Ion:276 Resp: 508098

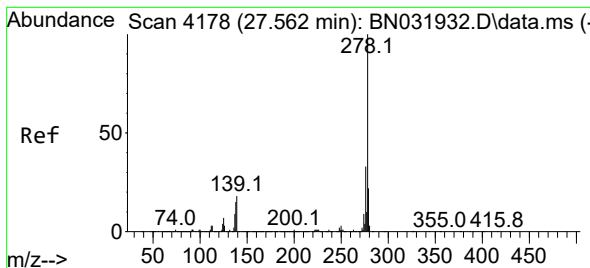
Ion Ratio Lower Upper

276 100

138 23.7 18.1 27.1

277 26.0 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.822 ng/ul

RT: 27.544 min Scan# 4175

Delta R.T. -0.036 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Instrument :

BNA_N

ClientSampleId :

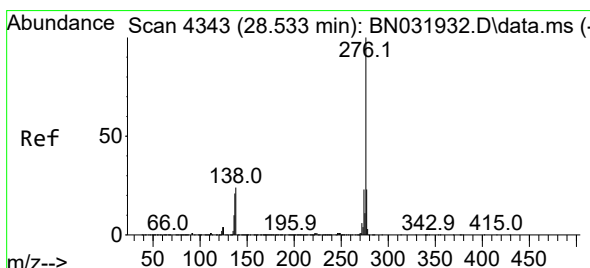
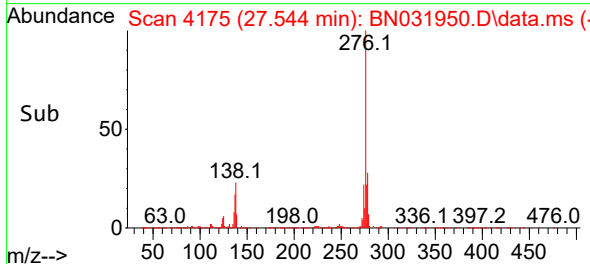
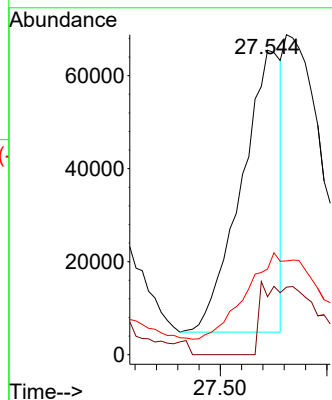
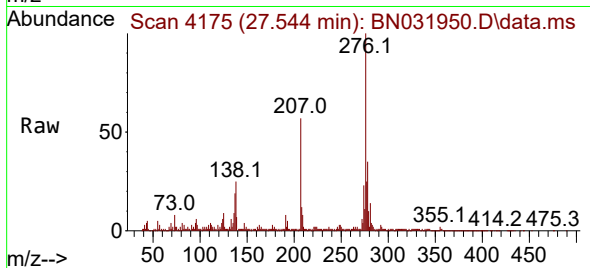
Tgt Ion:278 Resp: 156207

Ion Ratio Lower Upper

278 100

139 19.1 15.0 22.6

279 28.1 17.4 26.0#



#96

Benzo(g,h,i)perylene

Concen: 1.135 ng/ul

RT: 28.550 min Scan# 4346

Delta R.T. 0.006 min

Lab File: BN031950.D

Acq: 12 Jun 2024 20:38

Tgt Ion:276 Resp: 94718

Ion Ratio Lower Upper

276 100

138 27.2 20.9 31.3

277 25.1 18.0 27.0

