

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031856.D
 Acq On : 08 Jun 2024 13:14
 Operator : MA/JU
 Sample : P2634-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX9

Quant Time: Jun 10 01:42:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

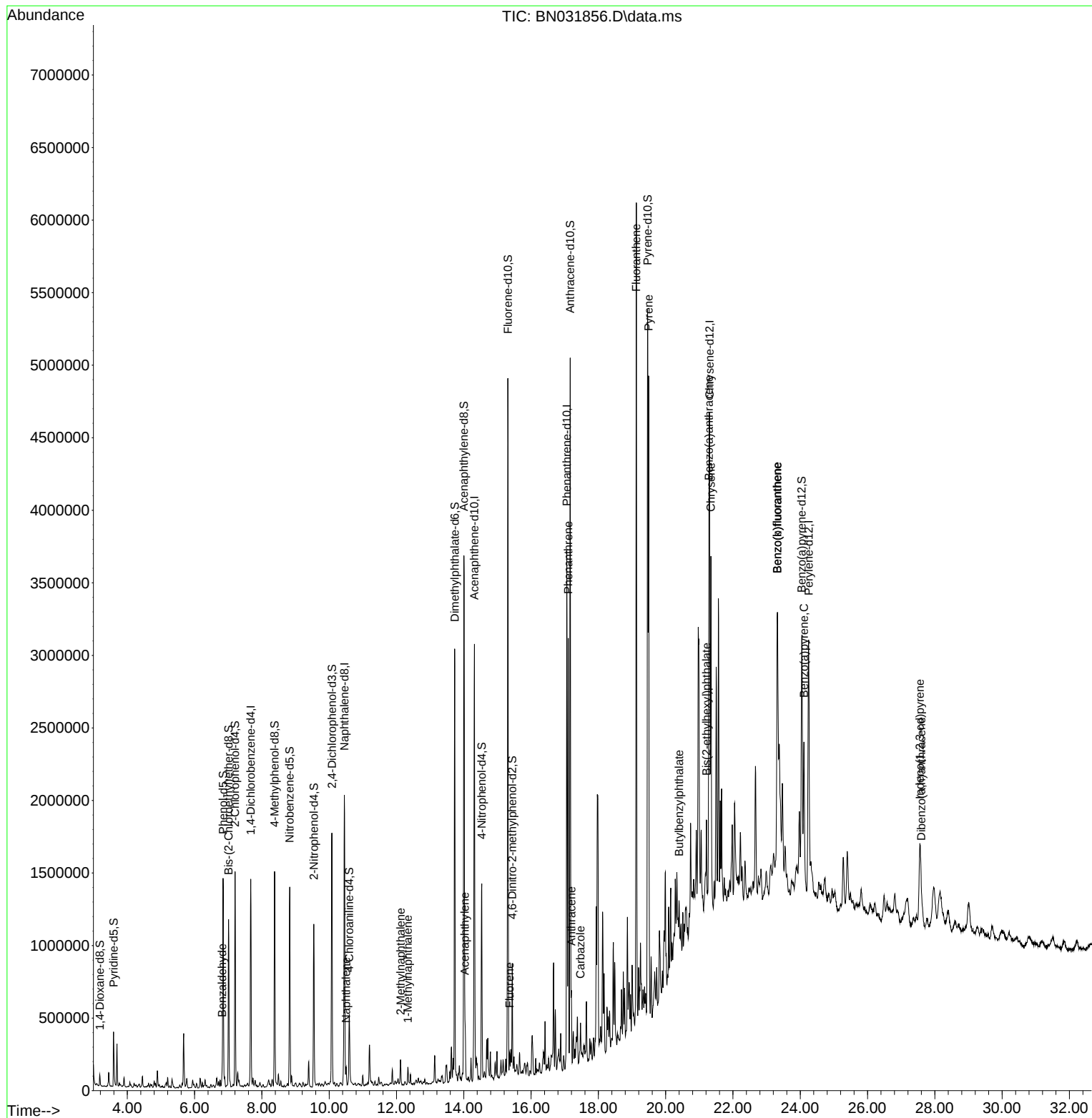
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	400595	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1697442	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1070611	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2082065	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1269149	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1451029	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	42209	4.359	ng/uL	-0.01
4) Pyridine-d5	3.593	84	208339	7.643	ng/u1	0.00
7) Phenol-d5	6.846	99	884458	25.754	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	478595	23.825	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	721445	27.532	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	608782	21.747	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	371230	28.603	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	396042	29.540	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	700260	27.978	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	318521	8.571	ng/u1	-0.02
46) Dimethylphthalate-d6	13.734	166	2051158	27.501	ng/u1	-0.01
49) Acenaphthylene-d8	14.004	160	2484519	28.970	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.534	143	326381	21.855	ng/u1	0.00
60) Fluorene-d10	15.310	176	1879804	29.787	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	161495	15.431	ng/u1	0.00
73) Anthracene-d10	17.163	188	2761659	30.982	ng/u1	0.00
81) Pyrene-d10	19.463	212	2343716	34.510	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1670340	24.108	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.822	77	19040	1.182	ng/u1#	72
30) Naphthalene	10.504	128	97349	1.108	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	83996	1.399	ng/u1	99
37) 1-Methylnaphthalene	12.340	142	60428	1.003	ng/u1	95
50) Acenaphthylene	14.034	152	204627	2.111	ng/u1	99
61) Fluorene	15.363	166	76967	1.097	ng/u1#	91
72) Phenanthrene	17.104	178	1756734	16.563	ng/u1	100
74) Anthracene	17.198	178	323649	3.011	ng/u1	100
77) Carbazole	17.469	167	137372	1.499	ng/u1	97
80) Fluoranthene	19.127	202	3237619	39.889	ng/u1	97
82) Pyrene	19.492	202	2610416	31.347	ng/u1	97
83) Butylbenzylphthalate	20.398	149	86555	2.201	ng/u1	90
85) Benzo(a)anthracene	21.286	228	1272184	14.976	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.216	149	256516	4.474	ng/u1	98
87) Chrysene	21.345	228	1609034	20.278	ng/u1	96
90) Benzo(b)fluoranthene	23.315	252	2053648	23.678	ng/u1	95
91) Benzo(k)fluoranthene	23.315	252	2053648	24.130	ng/u1	96
93) Benzo(a)pyrene	24.110	252	908882	11.189	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.556	276	458074	4.894	ng/u1	92
95) Dibenzo(a,h)anthracene	27.598	278	269966	3.533	ng/u1#	87

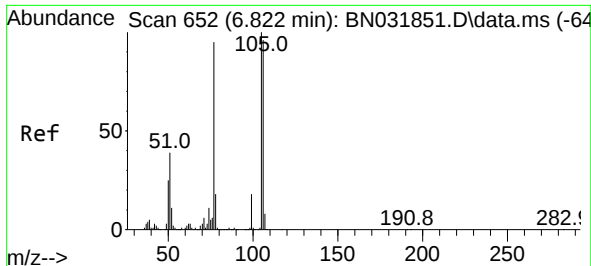
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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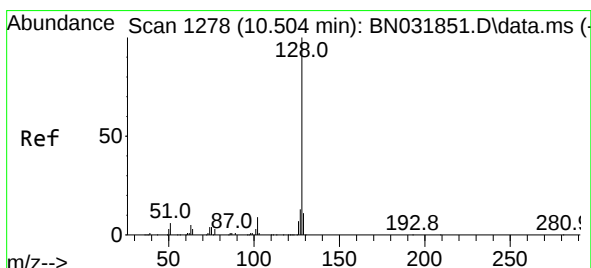
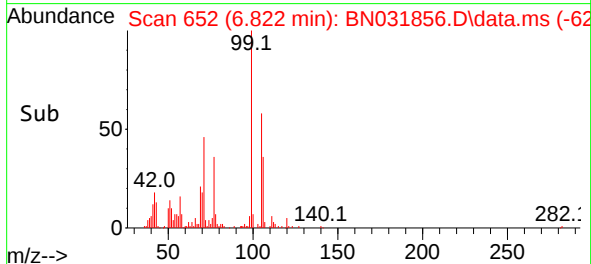
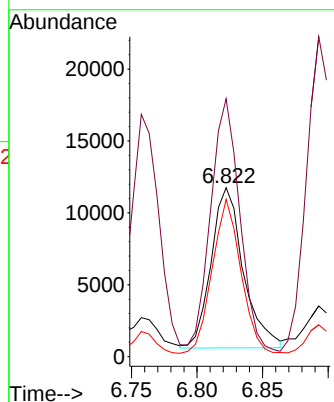
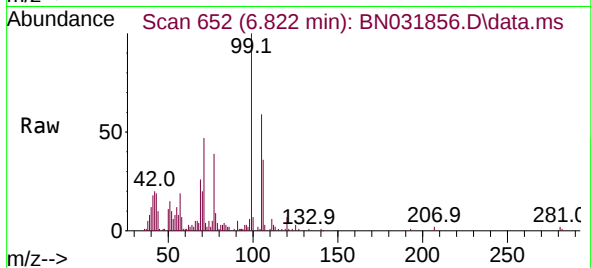




#6
Benzaldehyde
Concen: 1.182 ng/ul
RT: 6.822 min Scan# 61
Delta R.T. -0.012 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

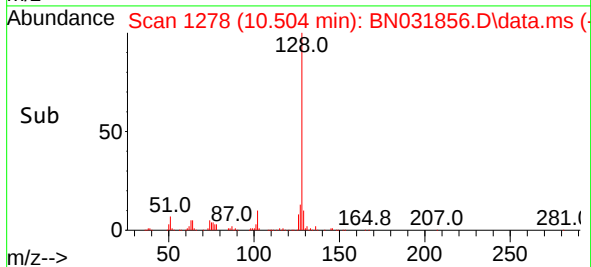
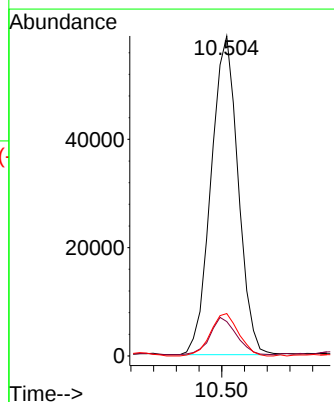
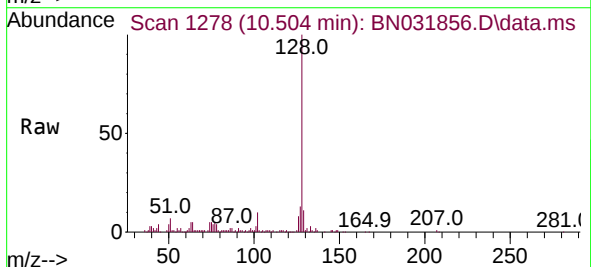
Instrument :
BNA_N
ClientSampleId :
BHBX9

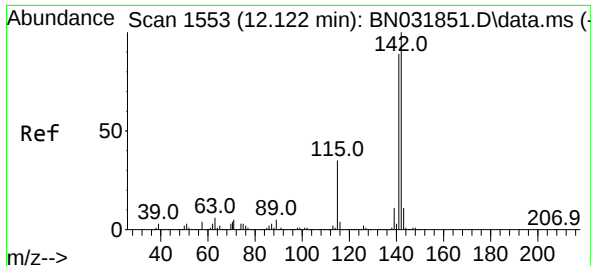
Tgt Ion: 77 Resp: 19040
Ion Ratio Lower Upper
77 100
105 152.7 80.2 120.4#
106 93.0 76.8 115.2



#30
Naphthalene
Concen: 1.108 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

Tgt Ion: 128 Resp: 97349
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.3 10.3 15.5

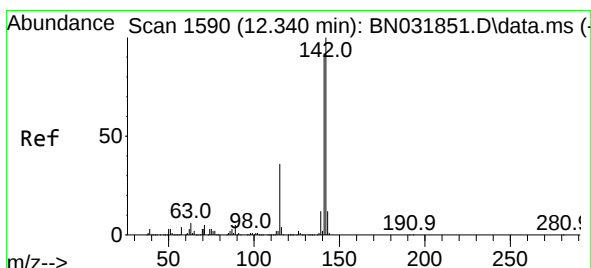
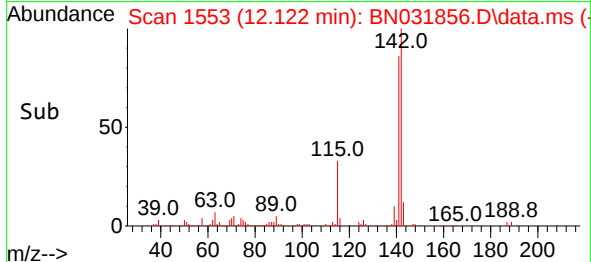
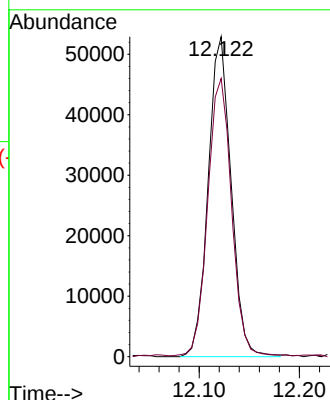
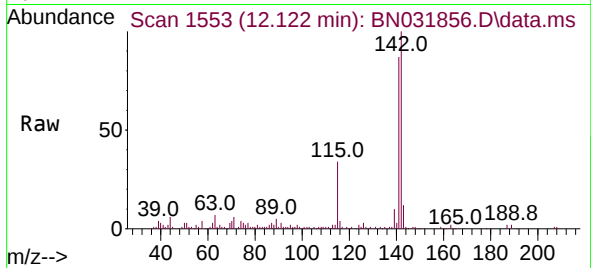




#36
2-Methylnaphthalene
Concen: 1.399 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

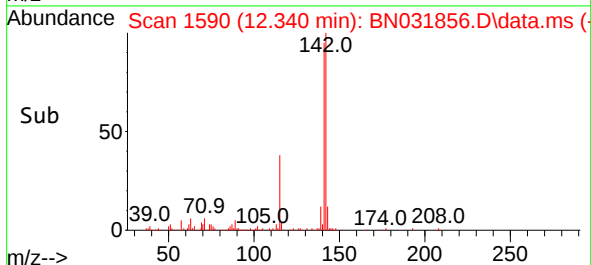
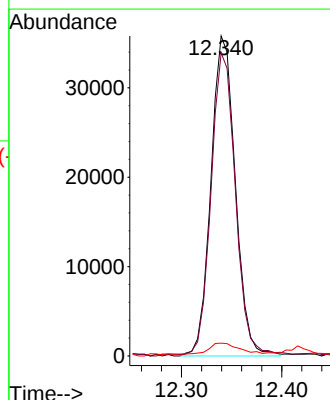
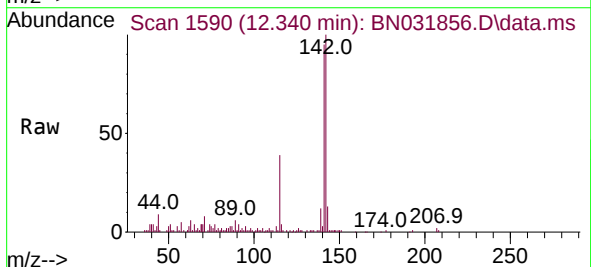
Instrument :
BNA_N
ClientSampleId :
BHBX9

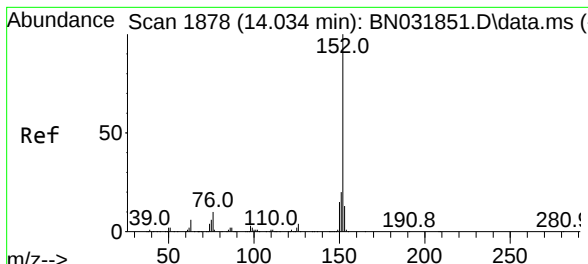
Tgt Ion:142 Resp: 83996
Ion Ratio Lower Upper
142 100
141 86.9 70.1 105.1



#37
1-Methylnaphthalene
Concen: 1.003 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.018 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

Tgt Ion:142 Resp: 60428
Ion Ratio Lower Upper
142 100
141 94.8 71.7 107.5
116 4.0 3.0 4.4

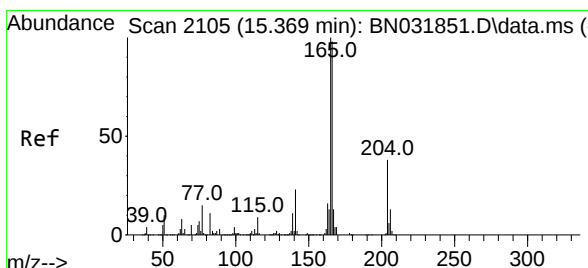
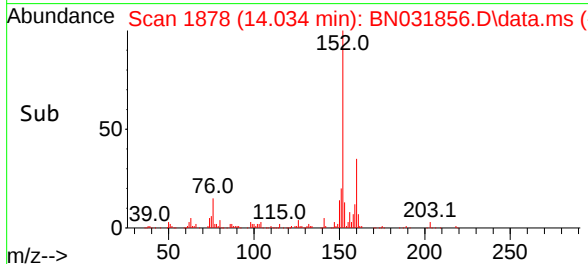
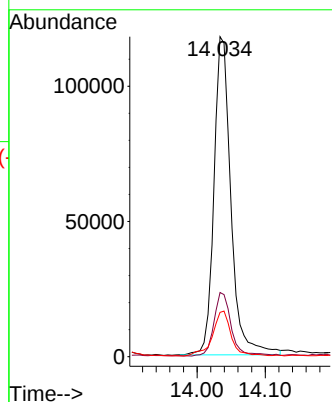
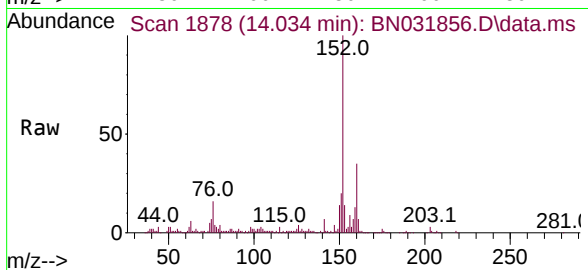




#50
Acenaphthylene
Concen: 2.111 ng/ul
RT: 14.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

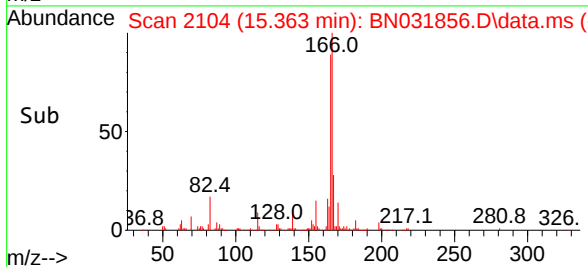
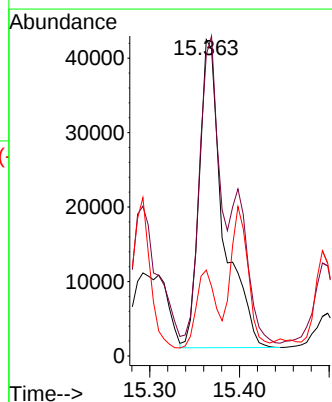
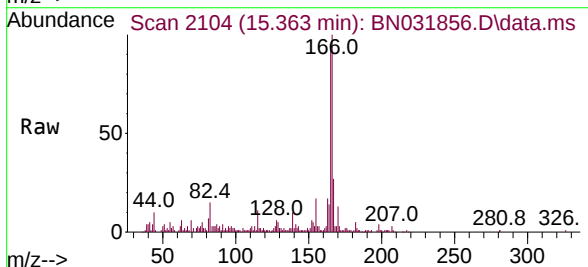
Instrument :
BNA_N
ClientSampleId :
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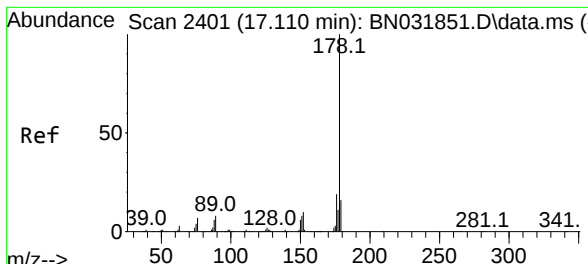
Tgt Ion:152 Resp: 204627
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.9 10.4 15.6



#61
Fluorene
Concen: 1.097 ng/ul
RT: 15.363 min Scan# 2104
Delta R.T. -0.012 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

Tgt Ion:166 Resp: 76967
Ion Ratio Lower Upper
166 100
165 95.2 80.3 120.5
167 27.2 11.3 16.9#



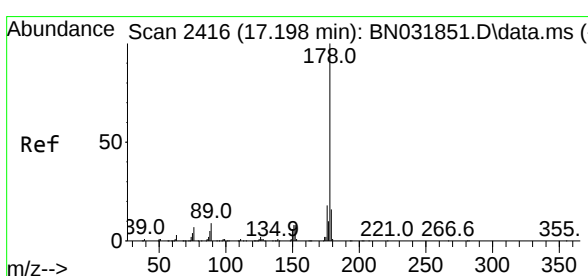
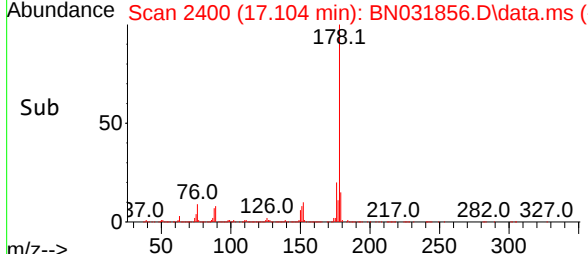
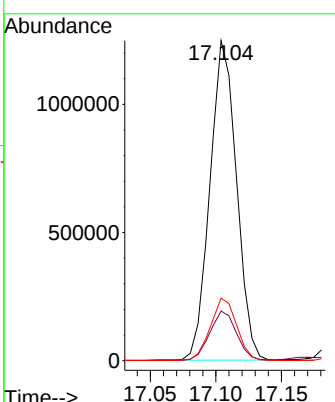
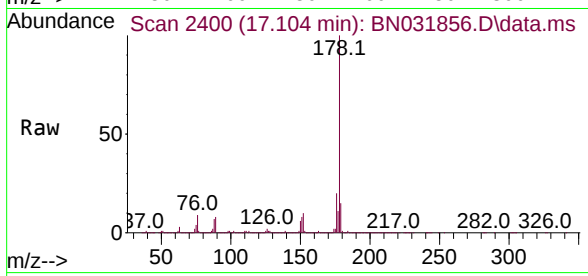


#72
 Phenanthrene
 Concen: 16.563 ng/ul
 RT: 17.104 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BN031856.D
 Acq: 08 Jun 2024 13:14

Instrument :
 BNA_N
 ClientSampleId :
 BHBX9

Tgt Ion:178 Resp: 1756734

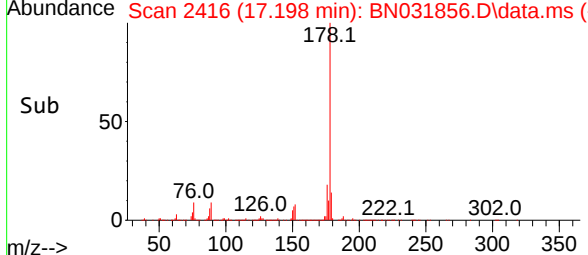
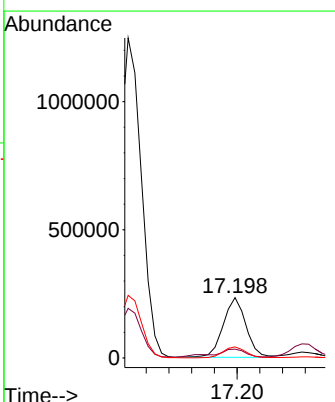
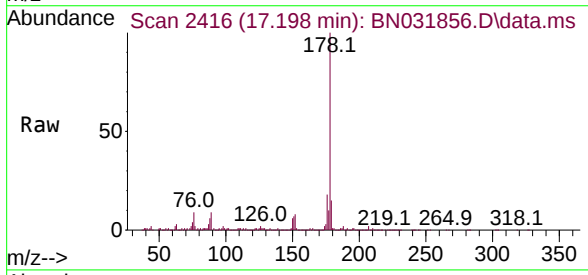
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.6	15.8	23.6

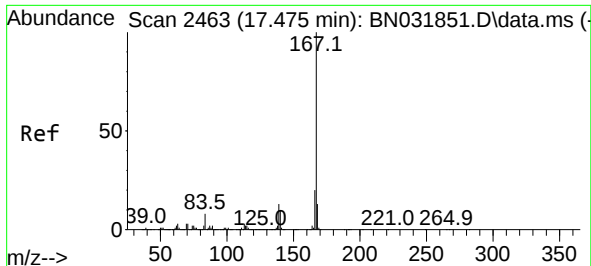


#74
 Anthracene
 Concen: 3.011 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031856.D
 Acq: 08 Jun 2024 13:14

Tgt Ion:178 Resp: 323649

Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.8	17.6
176	18.3	14.8	22.2

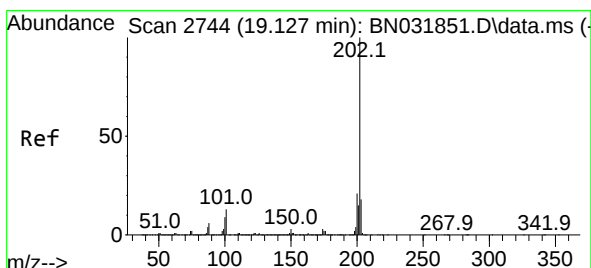
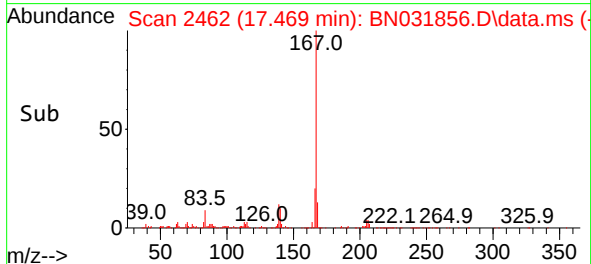
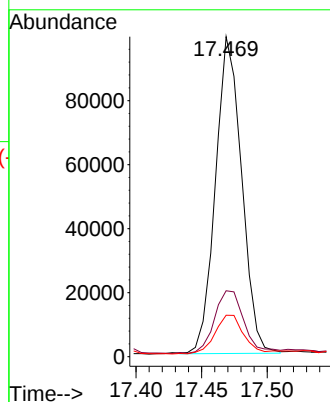
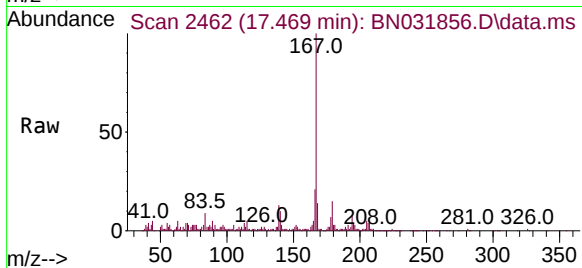




#77
 Carbazole
 Concen: 1.499 ng/ul
 RT: 17.469 min Scan# 2463
 Delta R.T. -0.006 min
 Lab File: BN031856.D
 Acq: 08 Jun 2024 13:14

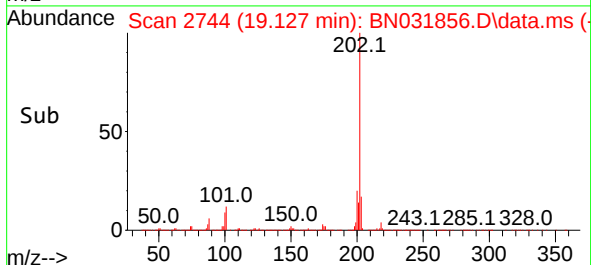
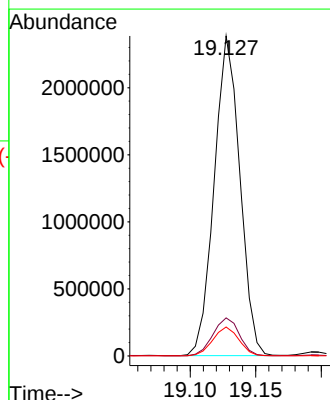
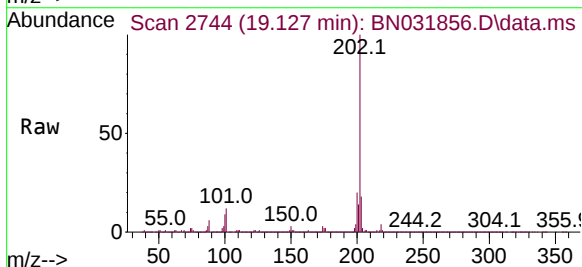
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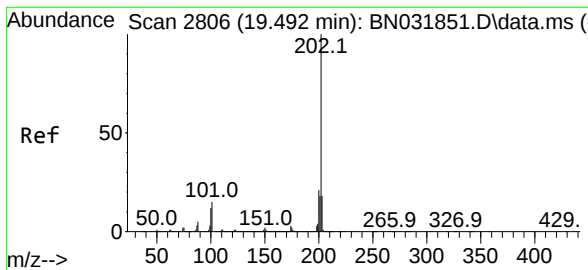
Tgt Ion:167 Resp: 137372
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.9 26.9
 139 12.9 10.5 15.7



#80
 Fluoranthene
 Concen: 39.889 ng/ul
 RT: 19.127 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031856.D
 Acq: 08 Jun 2024 13:14

Tgt Ion:202 Resp: 3237619
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.3 15.5
 100 9.0 8.0 12.0





#82

Pyrene

Concen: 31.347 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Instrument :

BNA_N

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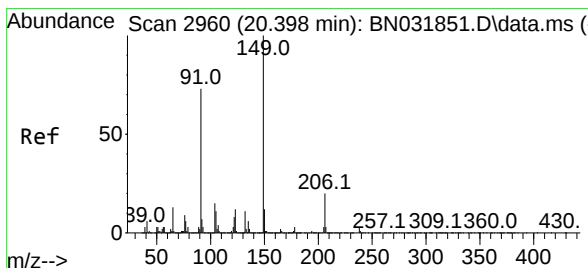
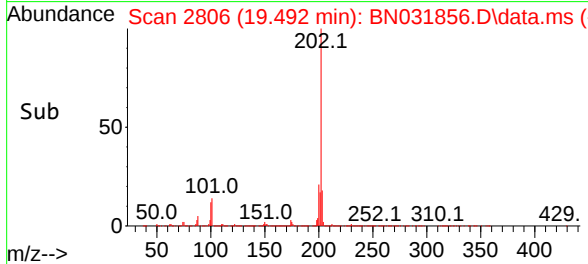
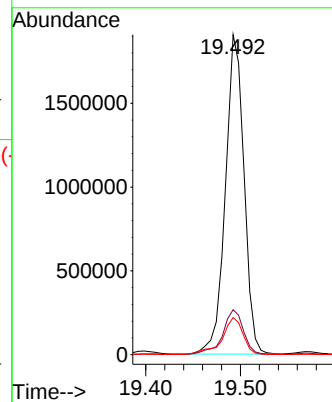
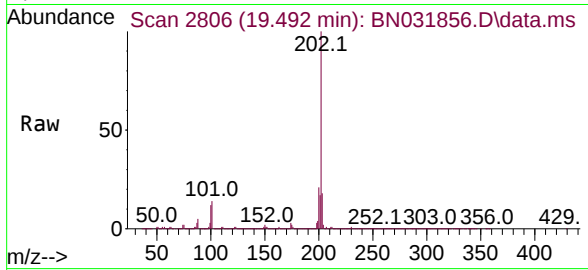
Tgt Ion:202 Resp: 2610416

Ion Ratio Lower Upper

202 100

101 14.0 12.6 18.8

100 11.6 10.2 15.2



#83

Butylbenzylphthalate

Concen: 2.201 ng/ul

RT: 20.398 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

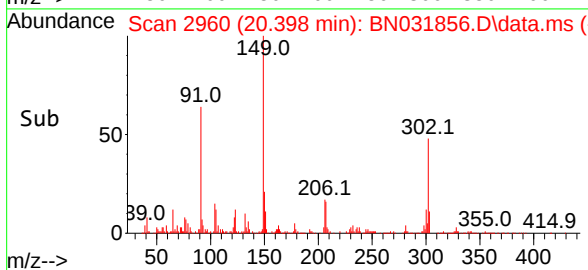
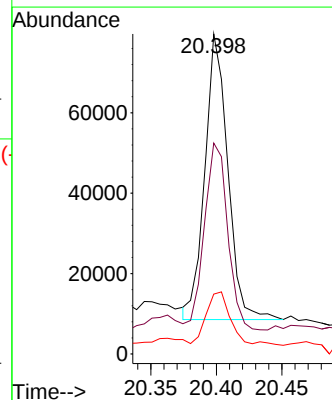
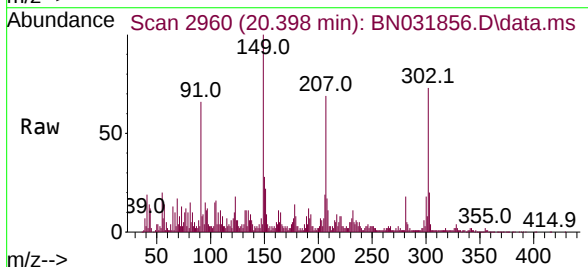
Tgt Ion:149 Resp: 86555

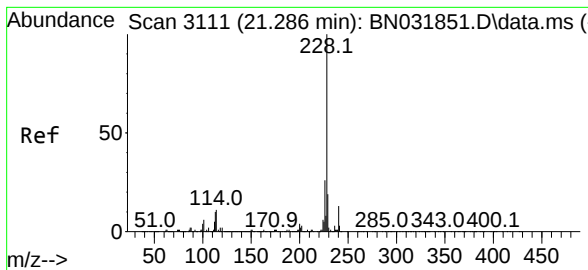
Ion Ratio Lower Upper

149 100

91 65.9 61.0 91.4

206 18.7 16.5 24.7





#85

Benzo(a)anthracene

Concen: 14.976 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

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BNA_N

ClientSampleId :

BHBX9

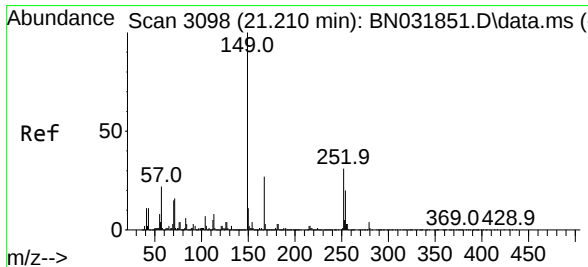
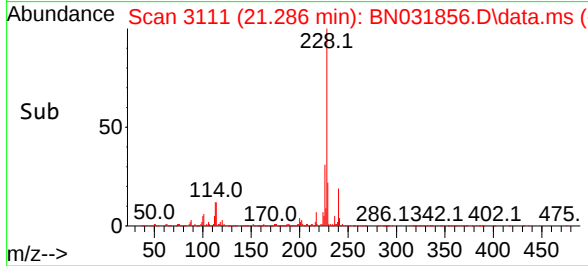
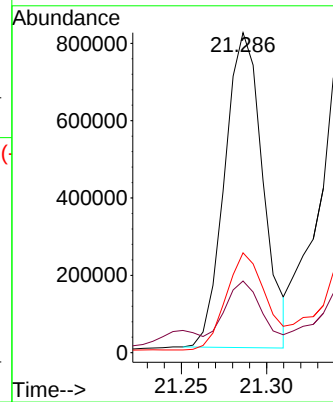
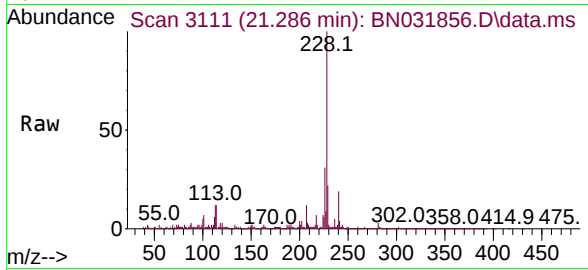
Tgt Ion:228 Resp: 1272184

Ion Ratio Lower Upper

228 100

229 22.4 16.7 25.1

226 31.2 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.474 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

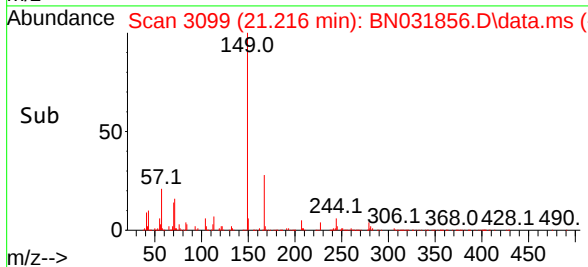
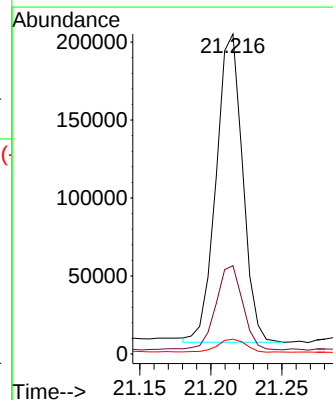
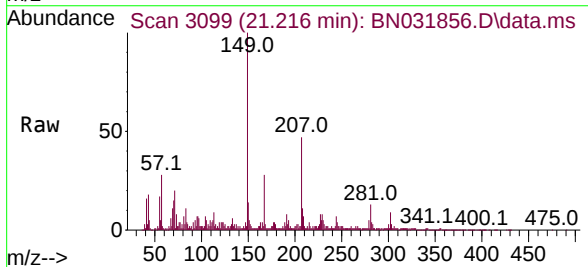
Tgt Ion:149 Resp: 256516

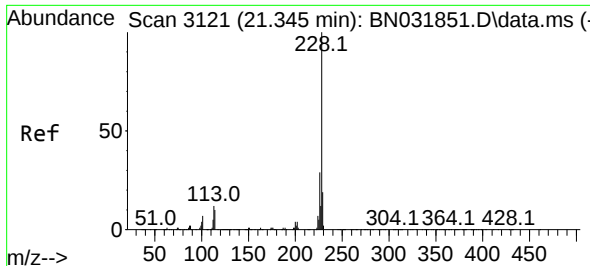
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.6 3.3 4.9





#87

Chrysene

Concen: 20.278 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Instrument :

BNA_N

ClientSampleId :

BHBX9

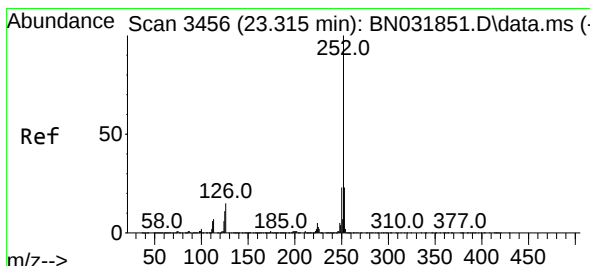
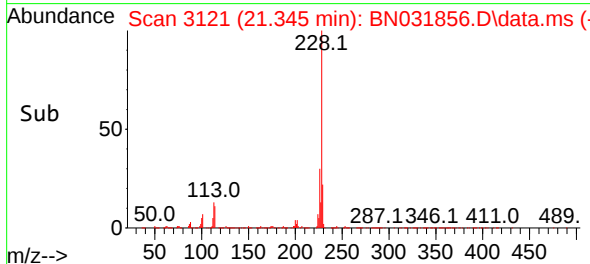
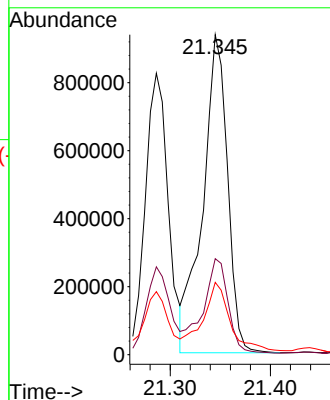
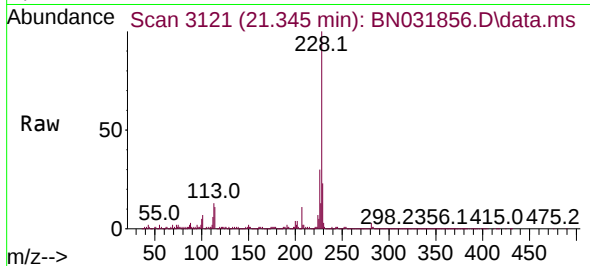
Tgt Ion:228 Resp: 1609034

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

229 22.6 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 23.678 ng/ul

RT: 23.315 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

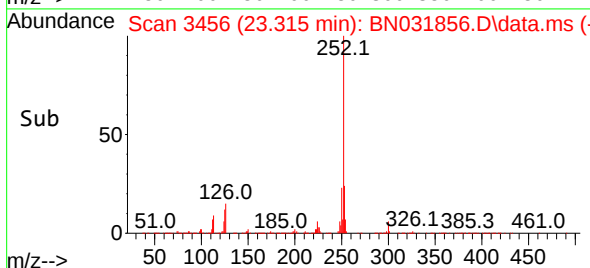
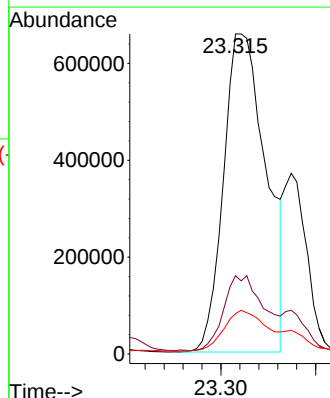
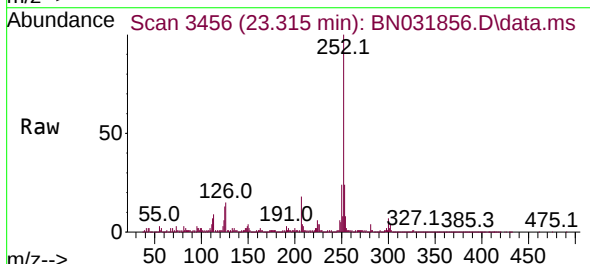
Tgt Ion:252 Resp: 2053648

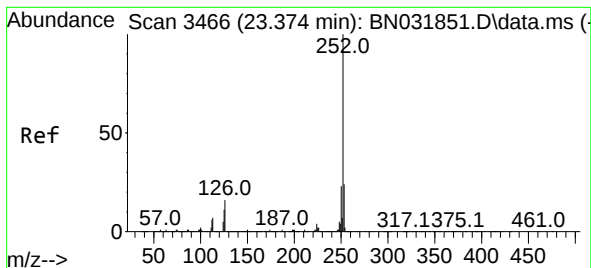
Ion Ratio Lower Upper

252 100

253 24.5 17.0 25.6

125 12.6 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 24.130 ng/ul

RT: 23.315 min Scan# 3466

Delta R.T. -0.059 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Instrument :

BNA_N

ClientSampleId :

BHBX9

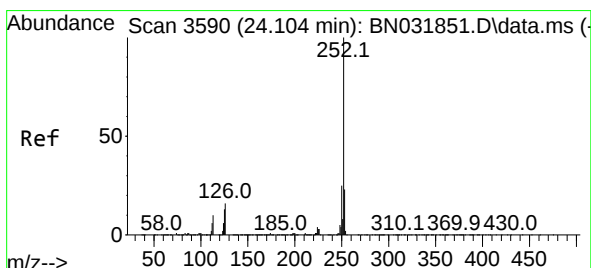
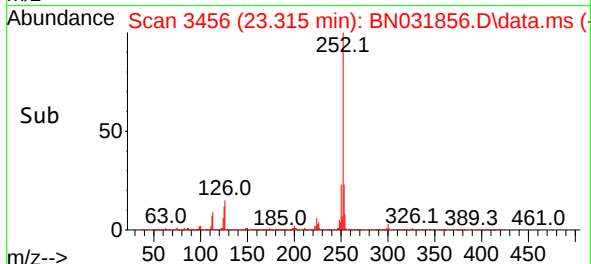
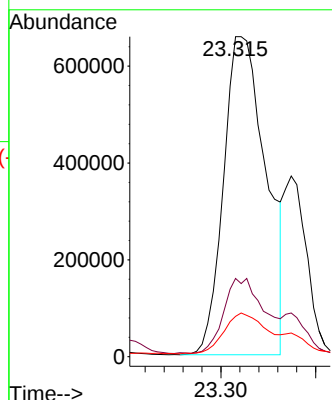
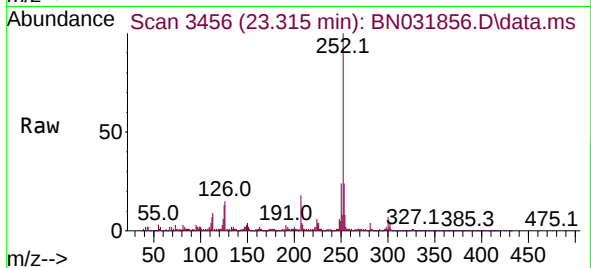
Tgt Ion:252 Resp: 2053648

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

125 12.6 9.4 14.2



#93

Benzo(a)pyrene

Concen: 11.189 ng/ul

RT: 24.110 min Scan# 3591

Delta R.T. 0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

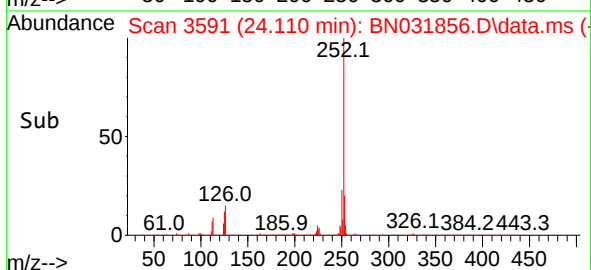
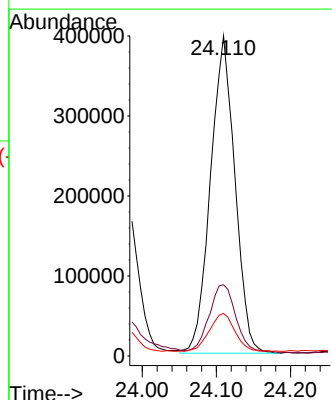
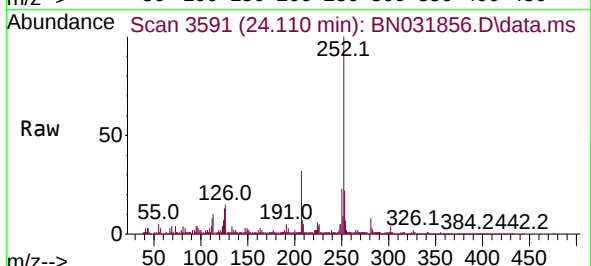
Tgt Ion:252 Resp: 908882

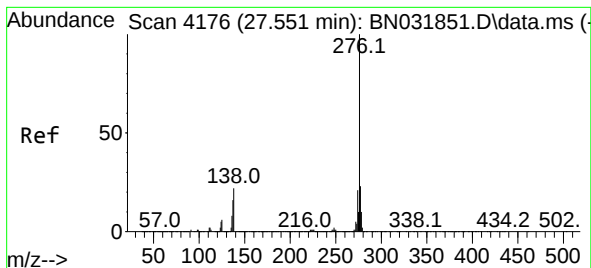
Ion Ratio Lower Upper

252 100

253 22.3 16.6 24.8

125 13.3 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.894 ng/ul

RT: 27.556 min Scan# 4176

Delta R.T. 0.023 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Instrument :

BNA_N

ClientSampleId :

BHBX9

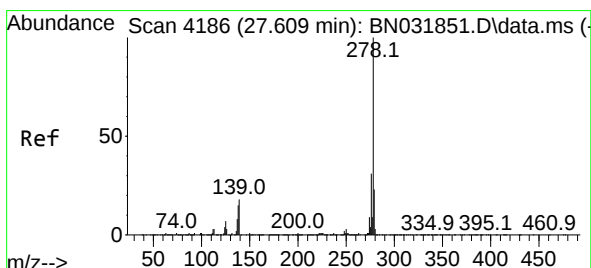
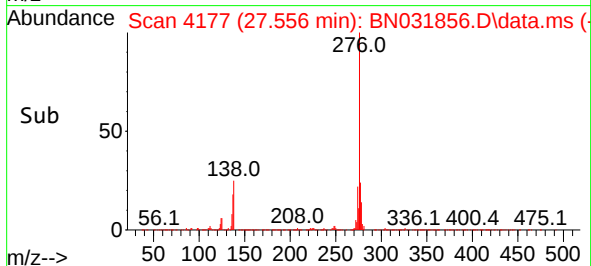
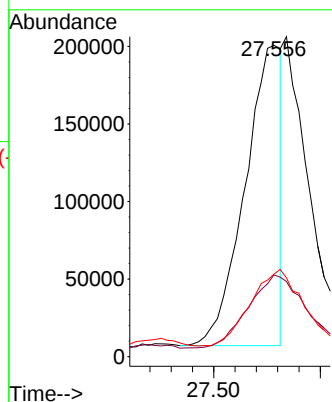
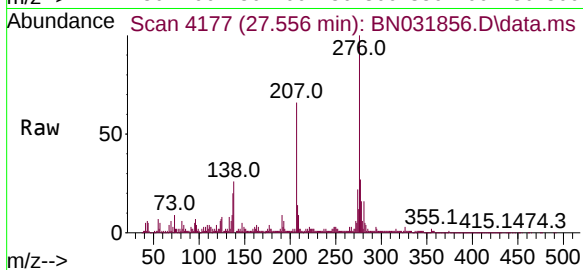
Tgt Ion:276 Resp: 458074

Ion Ratio Lower Upper

276 100

138 26.3 18.1 27.1

277 26.5 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 3.533 ng/ul

RT: 27.598 min Scan# 4184

Delta R.T. -0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Tgt Ion:278 Resp: 269966

Ion Ratio Lower Upper

278 100

139 21.0 15.0 22.6

279 30.8 17.4 26.0#

