

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031828.D
 Acq On : 06 Jun 2024 21:12
 Operator : MA/JU
 Sample : P2634-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 06 23:40:19 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)

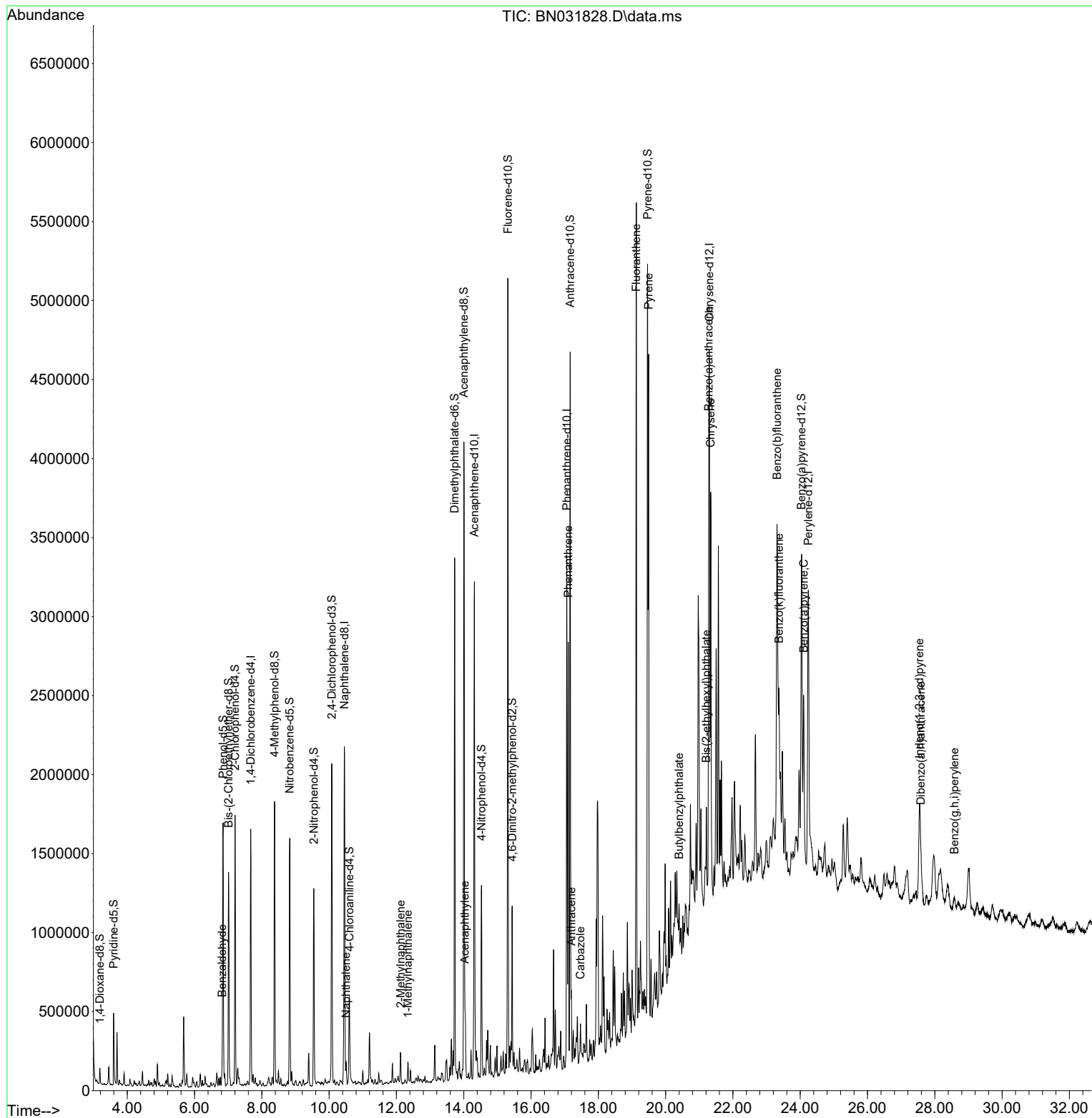
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	451972	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.457	136	1885955	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	1109960	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	1838806	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1273119	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1544007	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	51529	4.717	ng/uL	0.00
4) Pyridine-d5	3.593	84	241775	7.862	ng/ul	0.00
7) Phenol-d5	6.846	99	1049017	27.074	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	580578	25.617	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	829724	28.065	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	727529	23.034	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	418294	29.008	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	445616	29.916	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	790660	28.432	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.599	131	364457	8.827	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	2298672	29.727	ng/ul	-0.02
49) Acenaphthylene-d8	14.004	160	2714216	30.526	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.528	143	293755	18.973	ng/ul	0.00
60) Fluorene-d10	15.310	176	1941838	29.679	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	223606	24.193	ng/ul	0.00
73) Anthracene-d10	17.163	188	2485976	31.579	ng/ul	0.00
81) Pyrene-d10	19.463	212	2238289	32.854	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1789294	24.269	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.822	77	21615	1.189	ng/ul#	76
30) Naphthalene	10.505	128	110504	1.132	ng/ul	99
36) 2-Methylnaphthalene	12.122	142	93416	1.400	ng/ul	98
37) 1-Methylnaphthalene	12.340	142	67960	1.015	ng/ul	98
50) Acenaphthylene	14.034	152	206291	2.053	ng/ul	99
72) Phenanthrene	17.104	178	1628815	17.389	ng/ul	98
74) Anthracene	17.198	178	302838	3.191	ng/ul	99
77) Carbazole	17.469	167	124832	1.542	ng/ul	99
80) Fluoranthene	19.128	202	2945480	36.177	ng/ul	98
82) Pyrene	19.492	202	2431719	29.110	ng/ul	98
83) Butylbenzylphthalate	20.398	149	75505	1.914	ng/ul	93
85) Benzo(a)anthracene	21.280	228	1354161	15.891	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	236816	4.118	ng/ul	98
87) Chrysene	21.339	228	1689209	21.222	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	2294792	24.865	ng/ul	97
91) Benzo(k)fluoranthene	23.369	252	629971	6.956	ng/ul	98
93) Benzo(a)pyrene	24.104	252	974516	11.274	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.545	276	940081	9.438	ng/ul	99
95) Dibenzo(a,h)anthracene	27.586	278	297258	3.655	ng/ul#	86
96) Benzo(g,h,i)perylene	28.580	276	133261	1.683	ng/ul#	90

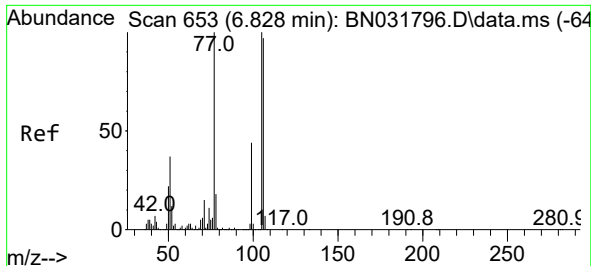
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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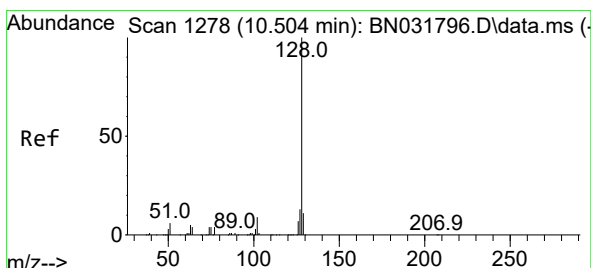
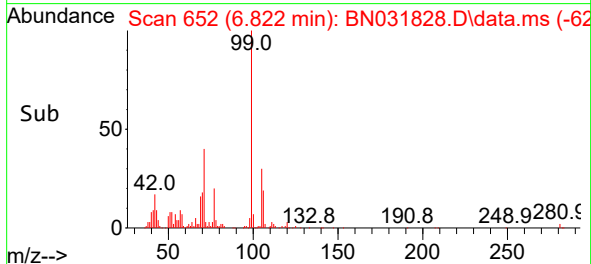
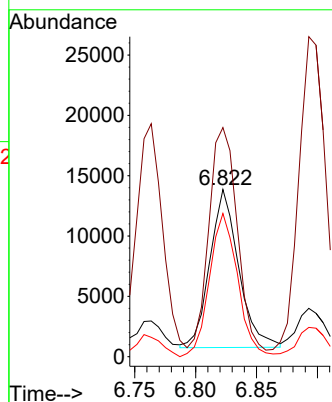
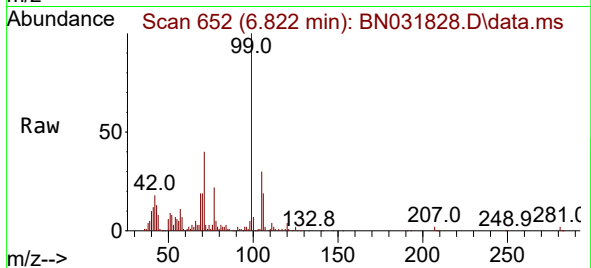




#6
Benzaldehyde
Concen: 1.189 ng/ul
RT: 6.822 min Scan# 61
Delta R.T. -0.012 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

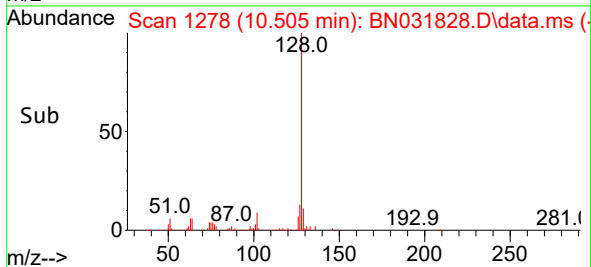
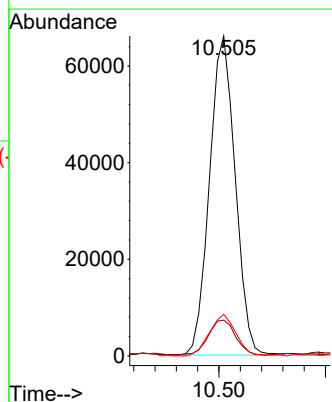
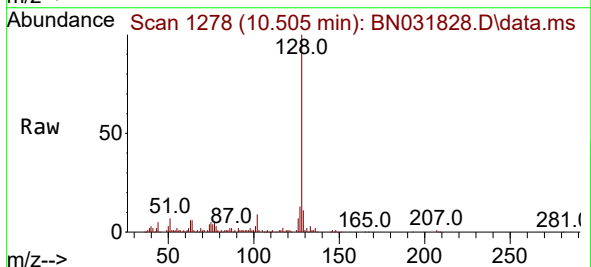
Instrument :
BNA_N
ClientSampleId :

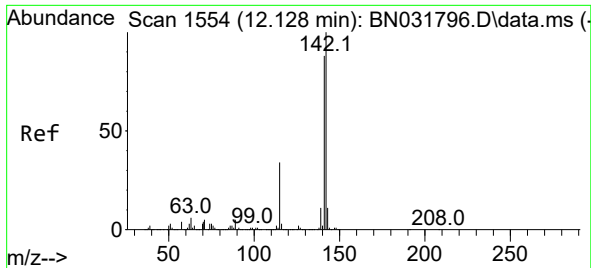
Tgt Ion: 77 Resp: 21615
Ion Ratio Lower Upper
77 100
105 137.0 80.2 120.4#
106 85.6 76.8 115.2



#30
Naphthalene
Concen: 1.132 ng/ul
RT: 10.505 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

Tgt Ion:128 Resp: 110504
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.1 10.3 15.5

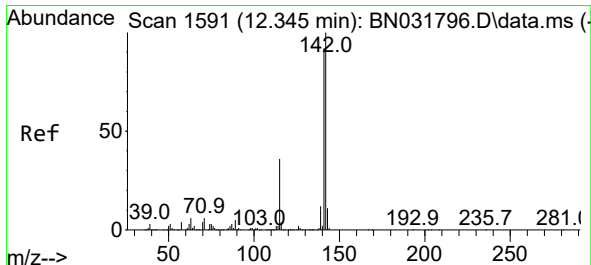
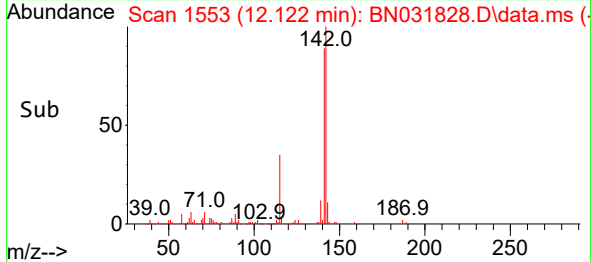
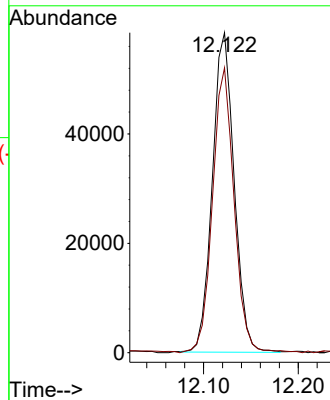
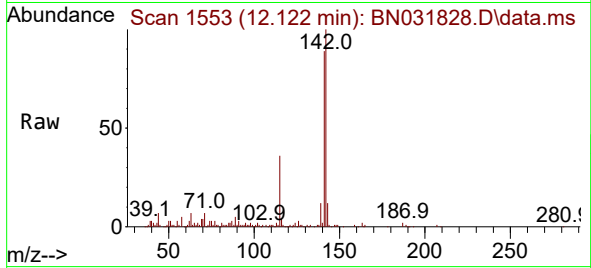




#36
2-Methylnaphthalene
Concen: 1.400 ng/ul
RT: 12.122 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

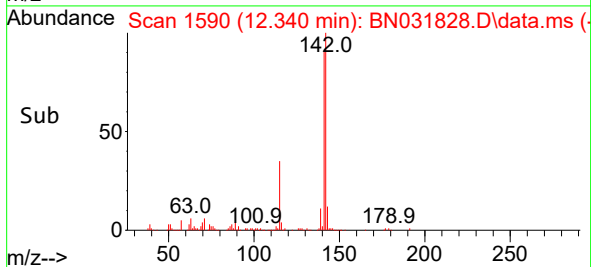
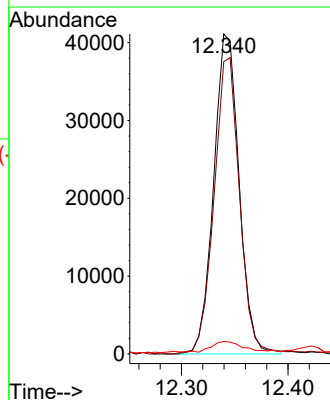
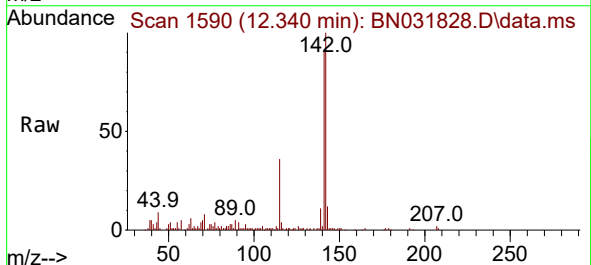
Instrument :
BNA_N
ClientSampleId :

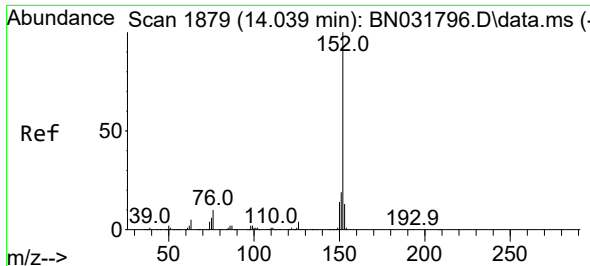
Tgt Ion:142 Resp: 93416
Ion Ratio Lower Upper
142 100
141 89.0 70.1 105.1



#37
1-Methylnaphthalene
Concen: 1.015 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.018 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

Tgt Ion:142 Resp: 67960
Ion Ratio Lower Upper
142 100
141 91.4 71.7 107.5
116 3.9 3.0 4.4

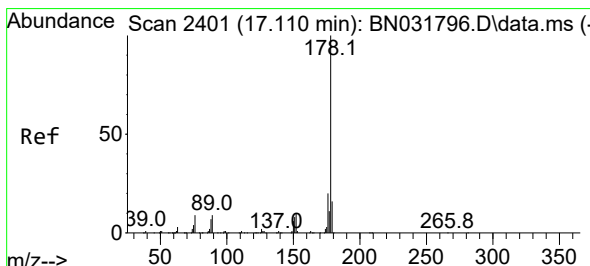
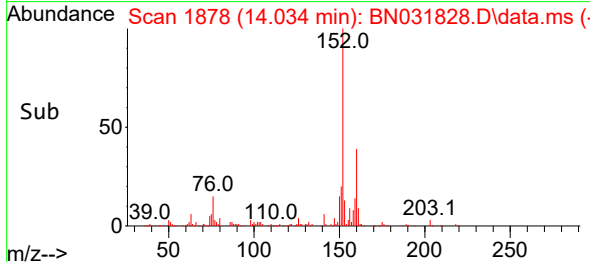
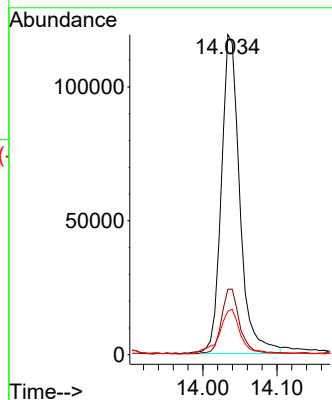
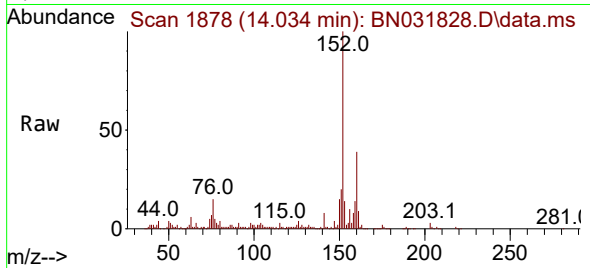




#50
Acenaphthylene
Concen: 2.053 ng/ul
RT: 14.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

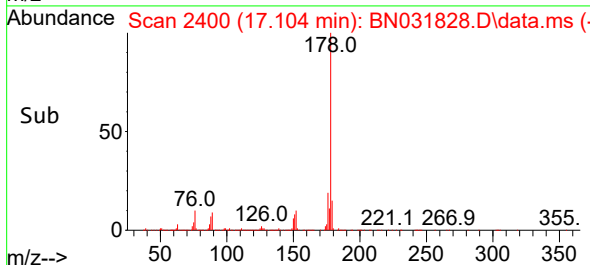
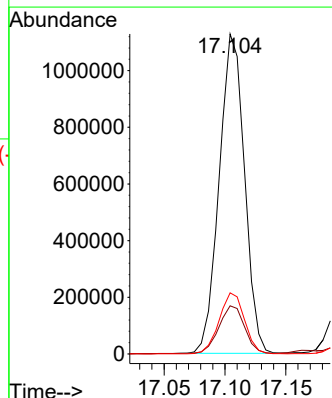
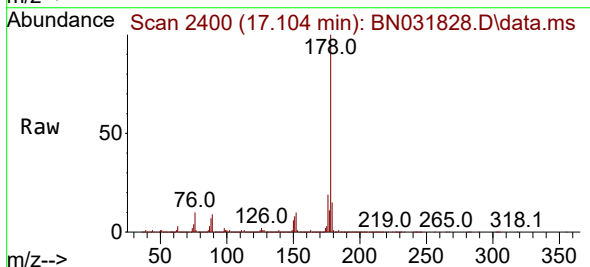
Instrument :
BNA_N
ClientSampleId :

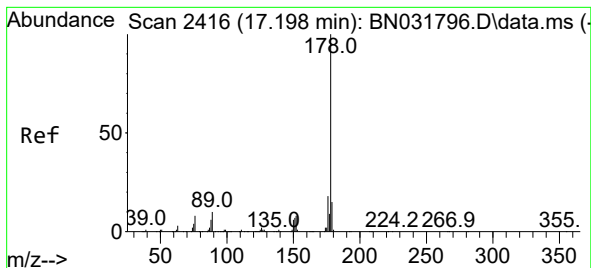
Tgt Ion:152 Resp: 206291
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.6 10.4 15.6



#72
Phenanthrene
Concen: 17.389 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

Tgt Ion:178 Resp: 1628815
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 19.1 15.8 23.6





#74

Anthracene

Concen: 3.191 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

Instrument :

BNA_N

ClientSampleId :

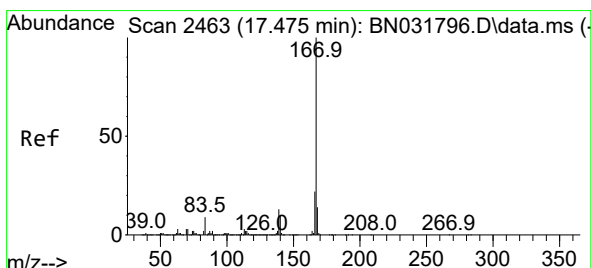
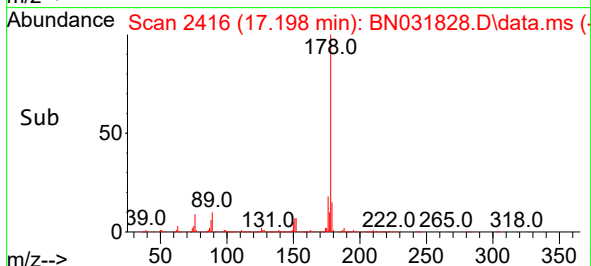
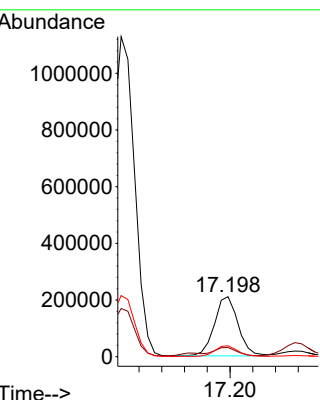
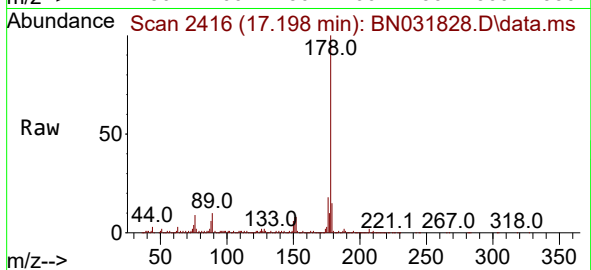
Tgt Ion:178 Resp: 302838

Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.6

176 18.2 14.8 22.2



#77

Carbazole

Concen: 1.542 ng/ul

RT: 17.469 min Scan# 2462

Delta R.T. -0.006 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

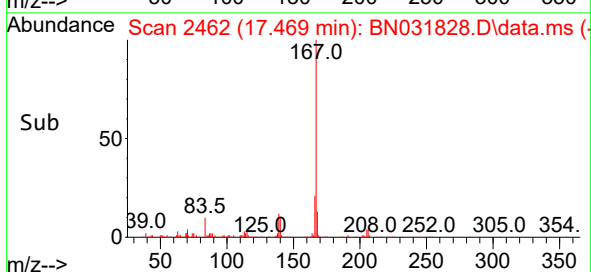
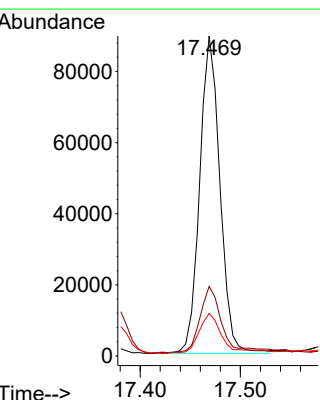
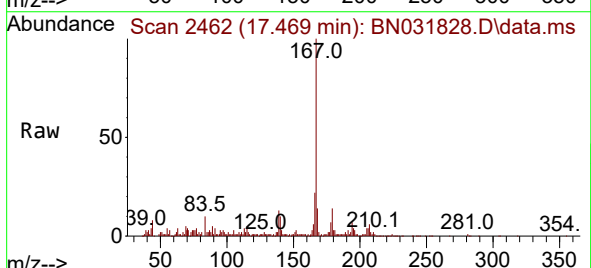
Tgt Ion:167 Resp: 124832

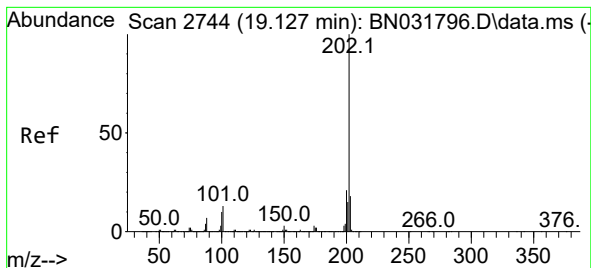
Ion Ratio Lower Upper

167 100

166 21.7 17.9 26.9

139 13.3 10.5 15.7





#80

Fluoranthene

Concen: 36.177 ng/ul

RT: 19.128 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

Instrument :

BNA_N

ClientSampleId :

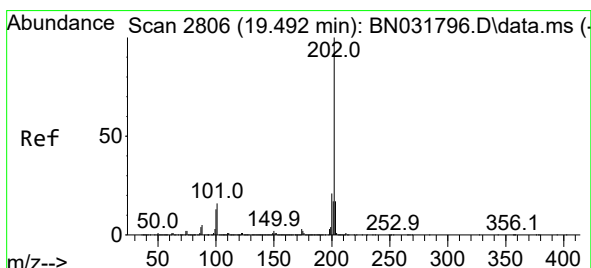
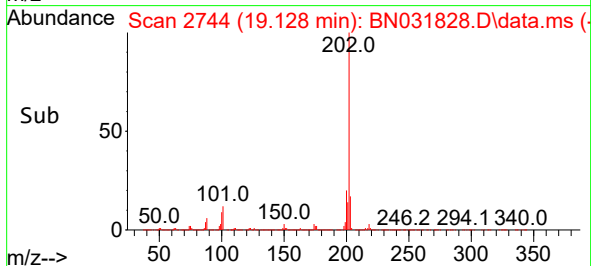
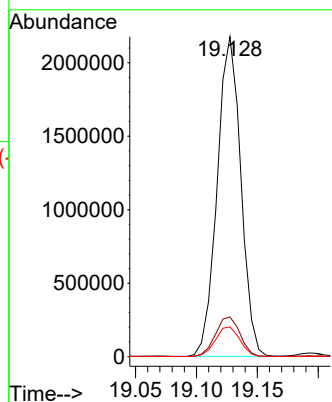
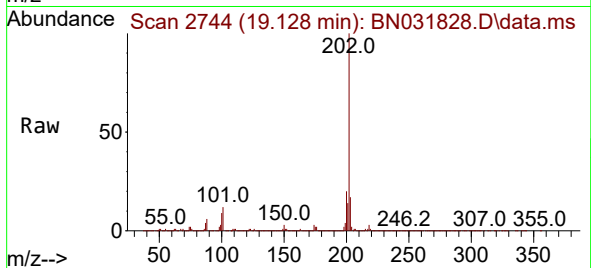
Tgt Ion:202 Resp: 2945480

Ion Ratio Lower Upper

202 100

101 12.4 10.3 15.5

100 9.3 8.0 12.0



#82

Pyrene

Concen: 29.110 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

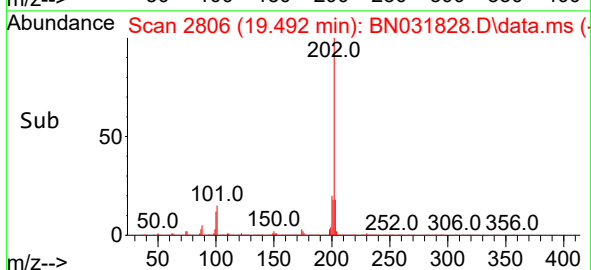
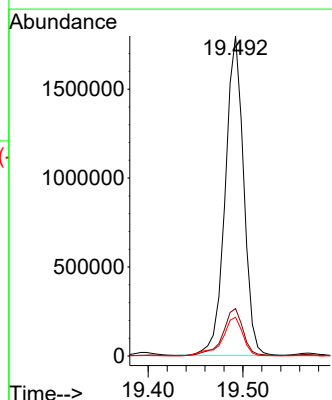
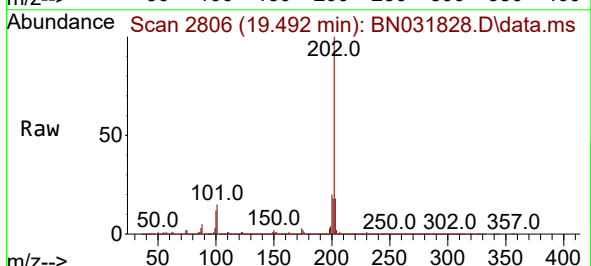
Tgt Ion:202 Resp: 2431719

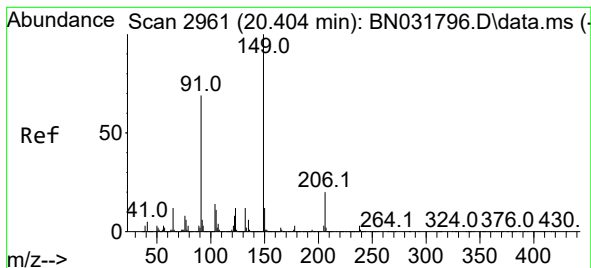
Ion Ratio Lower Upper

202 100

101 14.8 12.6 18.8

100 12.1 10.2 15.2





#83

Butylbenzylphthalate

Concen: 1.914 ng/ul

RT: 20.398 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BN031828.D

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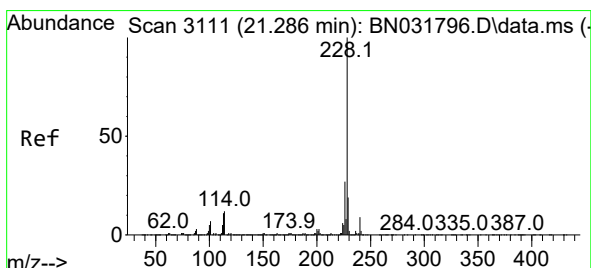
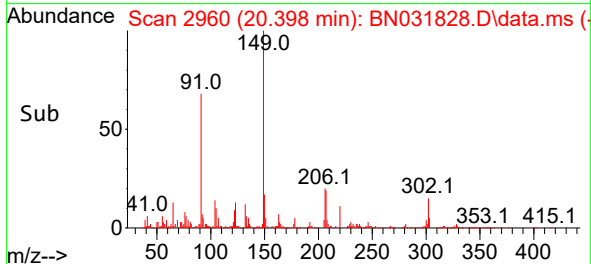
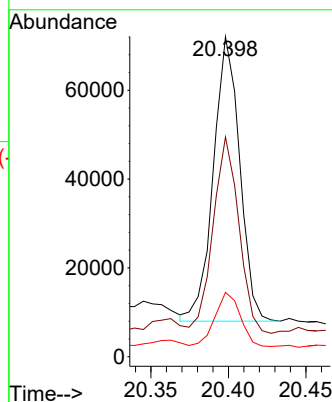
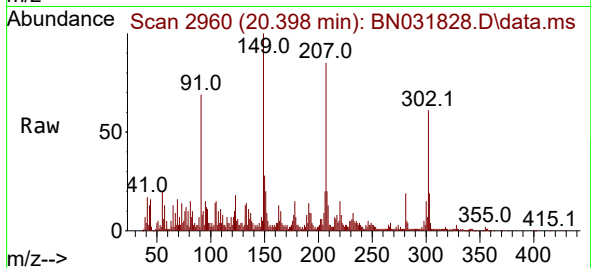
Tgt Ion:149 Resp: 75505

Ion Ratio Lower Upper

149 100

91 68.7 61.0 91.4

206 20.1 16.5 24.7



#85

Benzo(a)anthracene

Concen: 15.891 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.006 min

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Acq: 06 Jun 2024 21:12

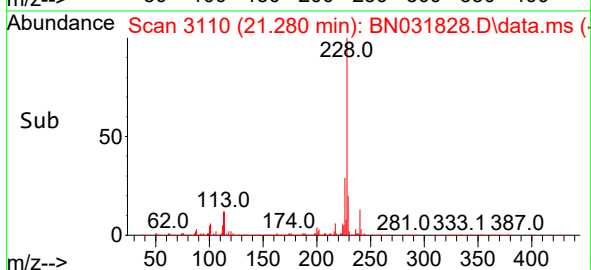
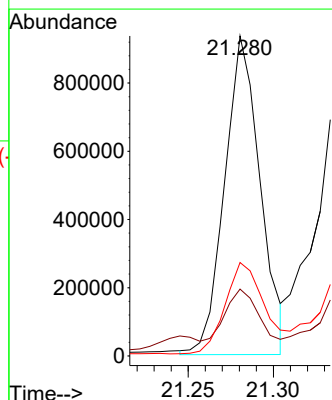
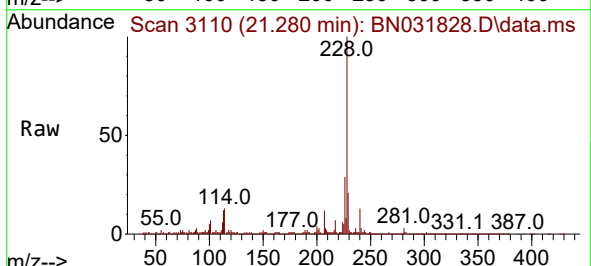
Tgt Ion:228 Resp: 1354161

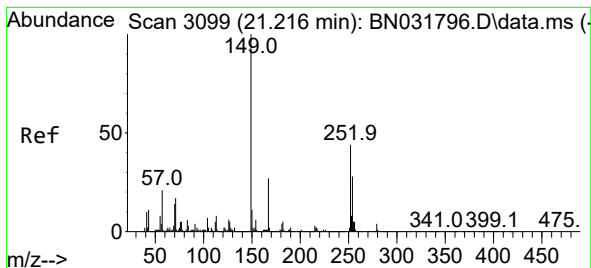
Ion Ratio Lower Upper

228 100

229 20.9 16.7 25.1

226 29.2 22.8 34.2

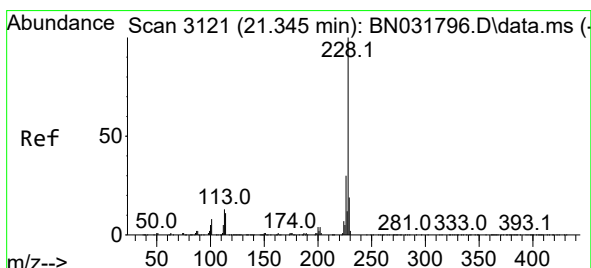
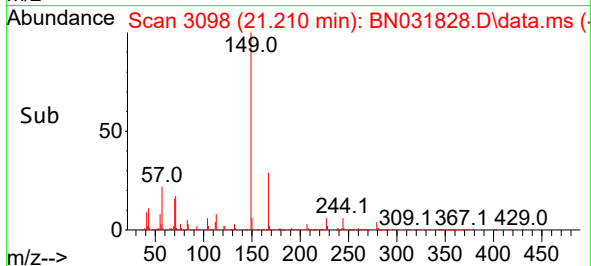
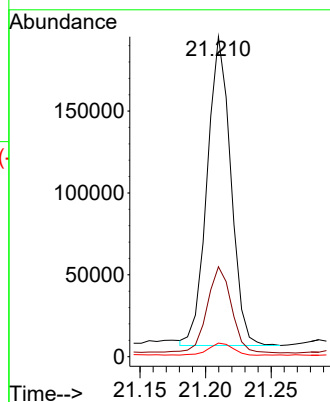
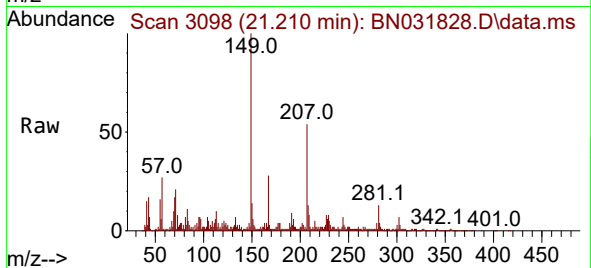




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.118 ng/ul
 RT: 21.210 min Scan# 3098
 Delta R.T. -0.012 min
 Lab File: BN031828.D
 Acq: 06 Jun 2024 21:12

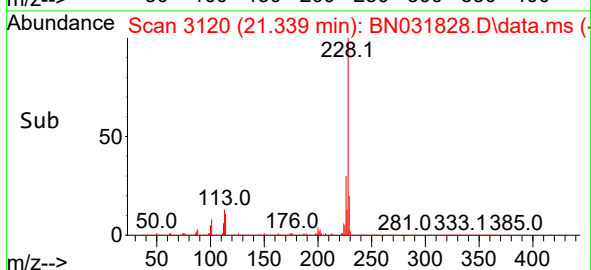
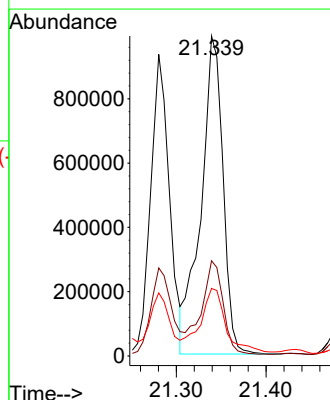
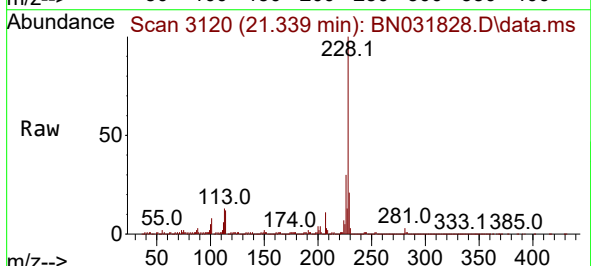
Instrument :
 BNA_N
 ClientSampleId :

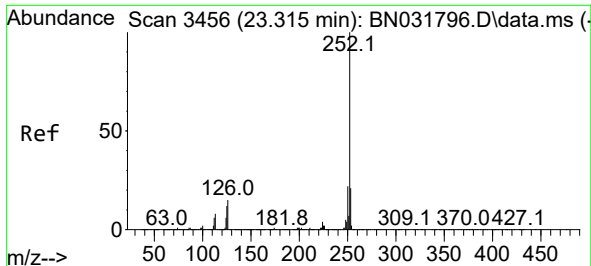
Tgt Ion:149 Resp: 236816
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.4 32.0
 279 4.3 3.3 4.9



#87
 Chrysene
 Concen: 21.222 ng/ul
 RT: 21.339 min Scan# 3120
 Delta R.T. -0.012 min
 Lab File: BN031828.D
 Acq: 06 Jun 2024 21:12

Tgt Ion:228 Resp: 1689209
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.7 35.5
 229 21.1 15.1 22.7

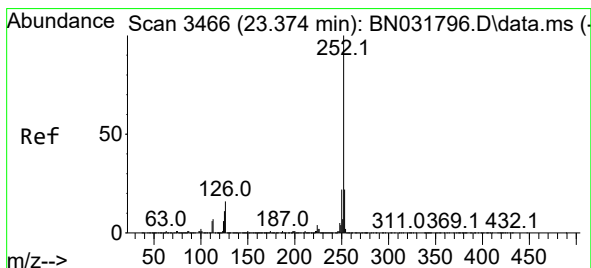
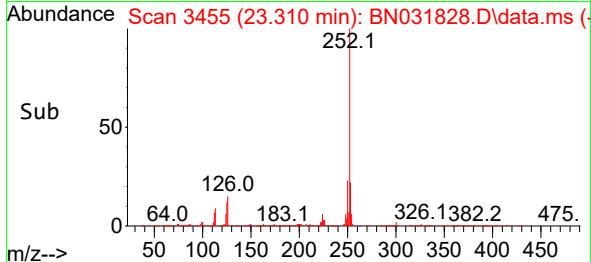
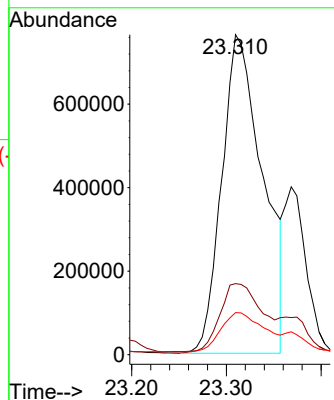
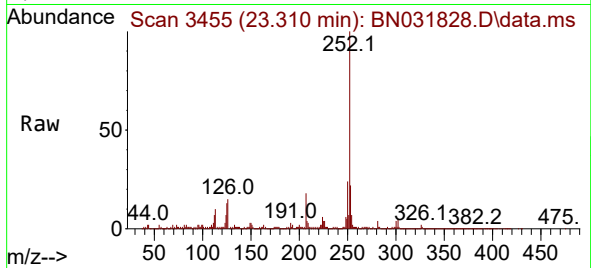




#90
Benzo(b)fluoranthene
Concen: 24.865 ng/ul
RT: 23.310 min Scan# 3455
Delta R.T. -0.000 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

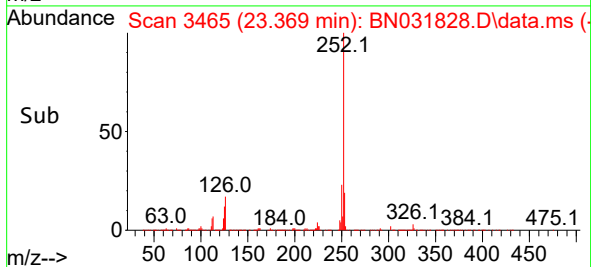
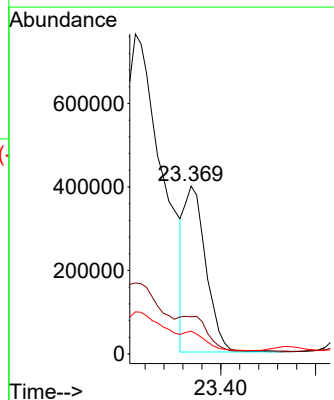
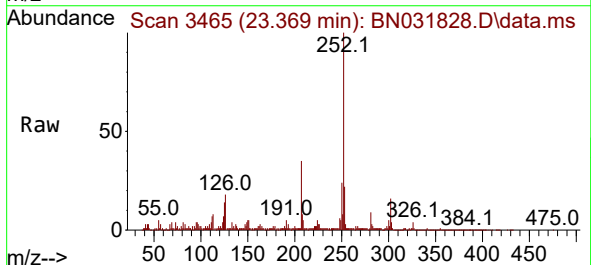
Instrument :
BNA_N
ClientSampleId :

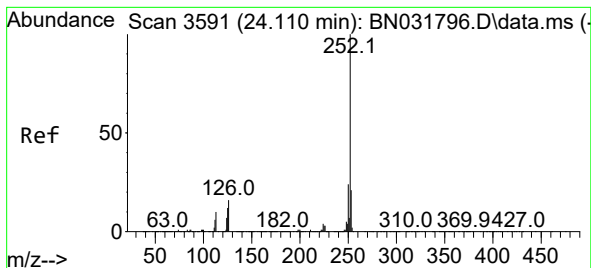
Tgt Ion:252 Resp: 2294792
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.1 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 6.956 ng/ul
RT: 23.369 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

Tgt Ion:252 Resp: 629971
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 13.7 9.4 14.2





#93

Benzo(a)pyrene

Concen: 11.274 ng/ul

RT: 24.104 min Scan# 3

Delta R.T. -0.000 min

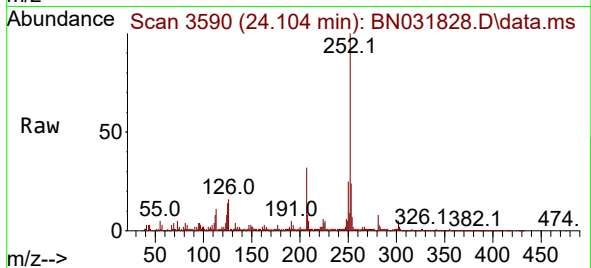
Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

Instrument :

BNA_N

ClientSampleId :



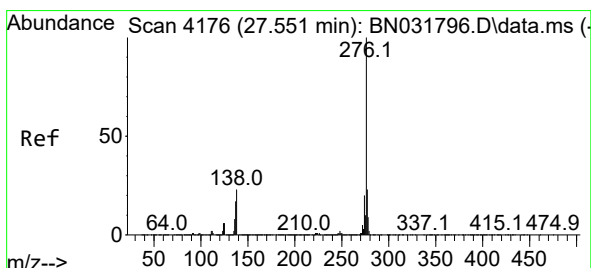
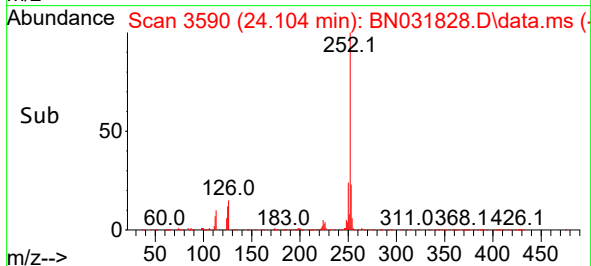
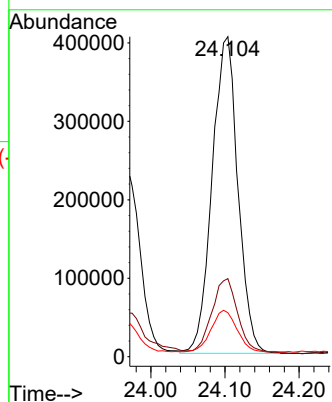
Tgt Ion:252 Resp: 974516

Ion Ratio Lower Upper

252 100

253 24.4 16.6 24.8

125 13.8 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.438 ng/ul

RT: 27.545 min Scan# 4175

Delta R.T. 0.012 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

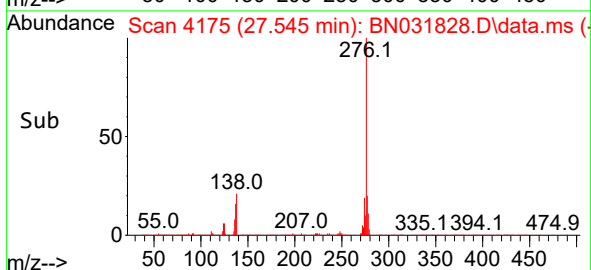
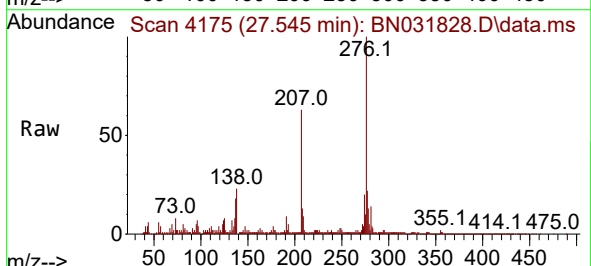
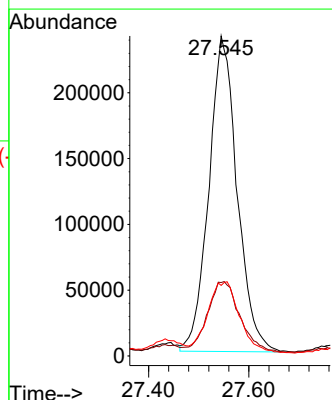
Tgt Ion:276 Resp: 940081

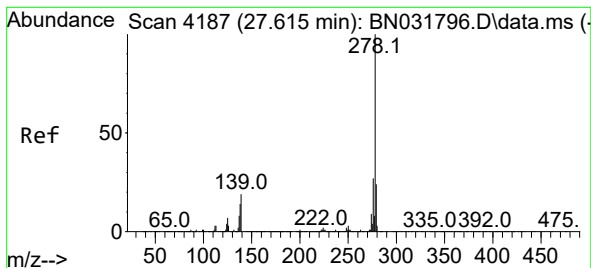
Ion Ratio Lower Upper

276 100

138 23.0 18.1 27.1

277 22.1 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.655 ng/ul

RT: 27.586 min Scan# 4187

Delta R.T. -0.018 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

Instrument :

BNA_N

ClientSampleId :

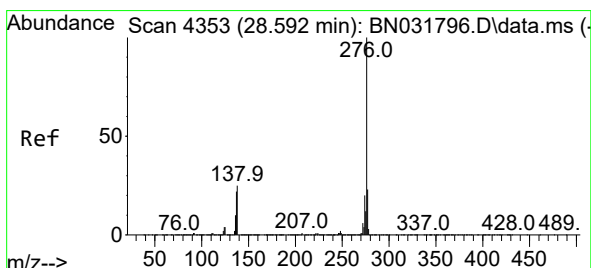
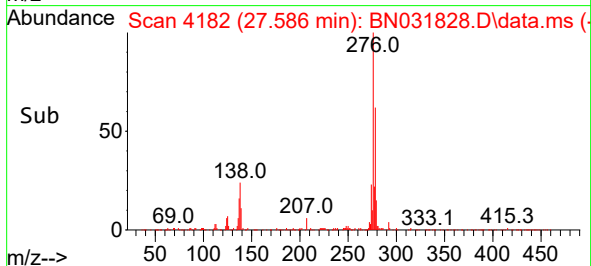
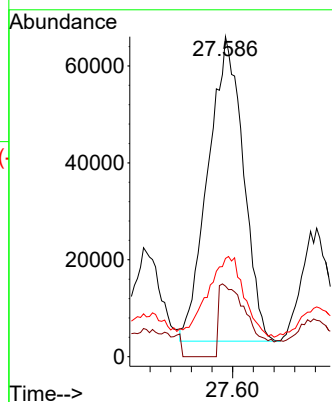
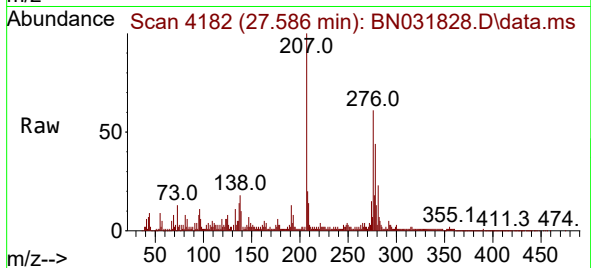
Tgt Ion:278 Resp: 297258

Ion Ratio Lower Upper

278 100

139 22.1 15.0 22.6

279 30.7 17.4 26.0#



#96

Benzo(g,h,i)perylene

Concen: 1.683 ng/ul

RT: 28.580 min Scan# 4351

Delta R.T. 0.012 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

Tgt Ion:276 Resp: 133261

Ion Ratio Lower Upper

276 100

138 28.6 20.9 31.3

277 29.9 18.0 27.0#

