

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030262.D
 Acq On : 04 Mar 2024 18:46
 Operator : MA/JU
 Sample : P1512-01DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOS90DL

Quant Time: Mar 04 22:47:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

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

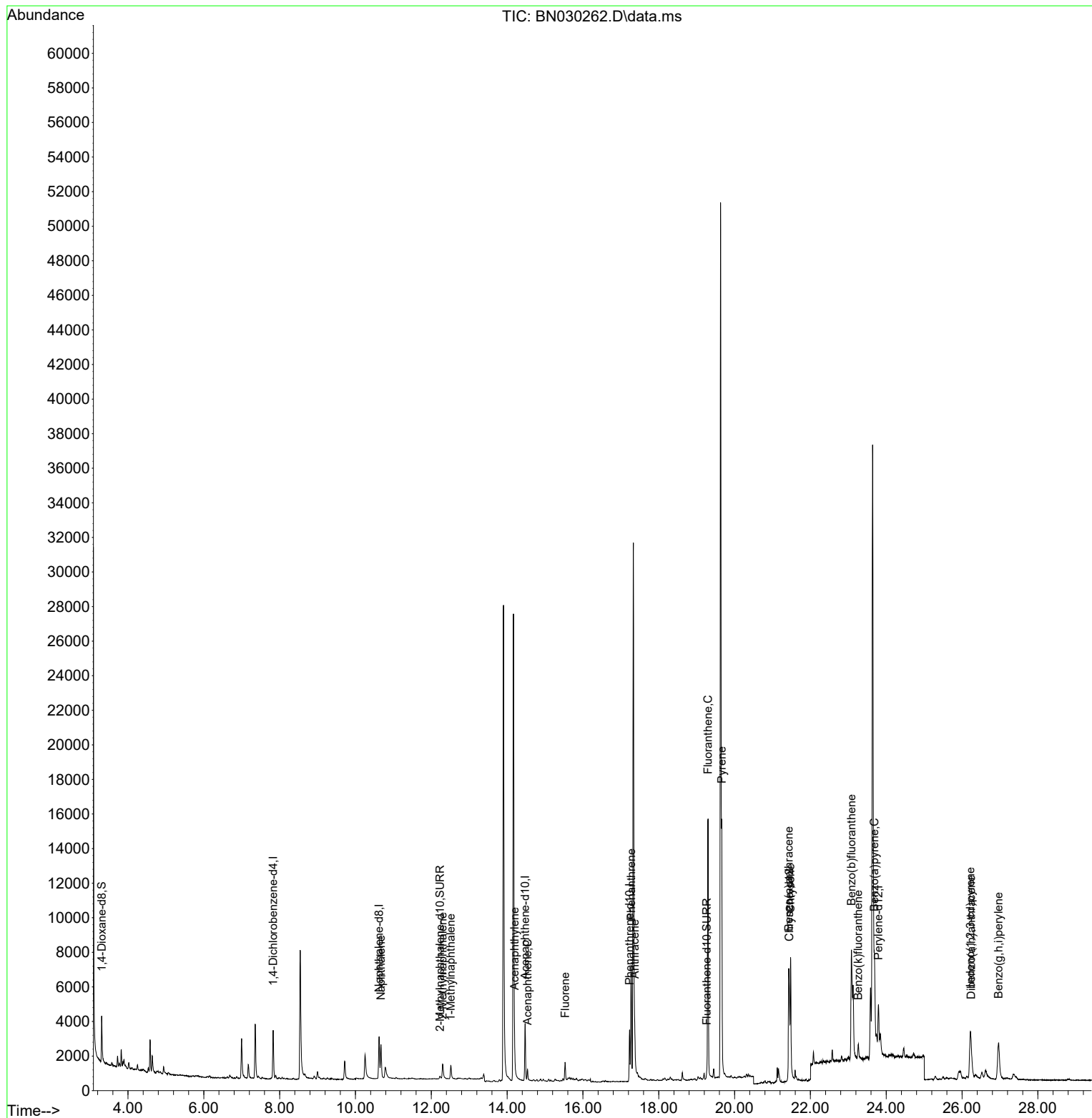
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	1553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	3978	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	1911	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	3762	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.441	240	3314	0.400	ng/ul	# 0.00
23) Perylene-d12	23.794	264	3989	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	1925	0.895	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	301	0.059	ng/ul	0.00
18) Fluoranthene-d10	19.267	212	570	0.053	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.672	128	3046	0.260	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	844	0.133	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	646	0.096	ng/ul	98
10) Acenaphthylene	14.196	152	1141	0.107	ng/ul#	86
11) Acenaphthene	14.539	153	421	0.054	ng/ul	92
12) Fluorene	15.529	166	735	0.092	ng/ul#	96
15) Phenanthrene	17.272	178	7900	0.626	ng/ul	99
16) Anthracene	17.365	178	1979	0.178	ng/ul	97
19) Fluoranthene	19.300	202	14919	1.013	ng/ul#	94
20) Pyrene	19.662	202	12484	0.780	ng/ul#	94
21) Benzo(a)anthracene	21.426	228	6351	0.542	ng/ul	94
22) Chrysene	21.476	228	7078	0.503	ng/ul	98
24) Benzo(b)fluoranthene	23.084	252	16361	1.064	ng/ul	93
25) Benzo(k)fluoranthene	23.259	252	590	0.033	ng/ul#	52
26) Benzo(a)pyrene	23.689	252	6822	0.436	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.222	276	5971	0.299	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.242	278	1340	0.087	ng/ul#	58
29) Benzo(g,h,i)perylene	26.960	276	5432	0.293	ng/ul	97

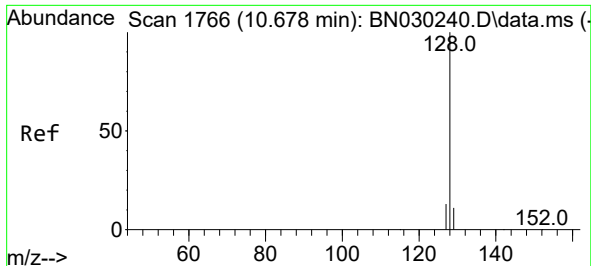
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
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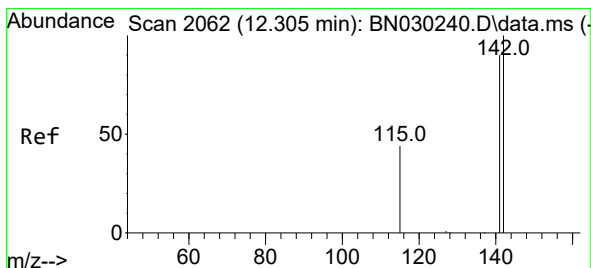
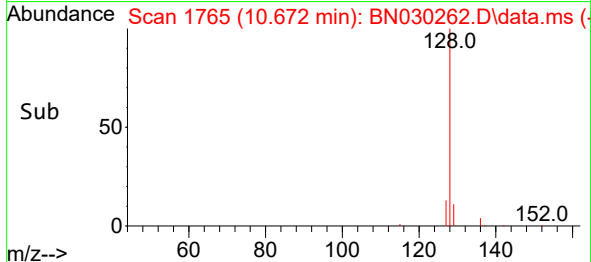
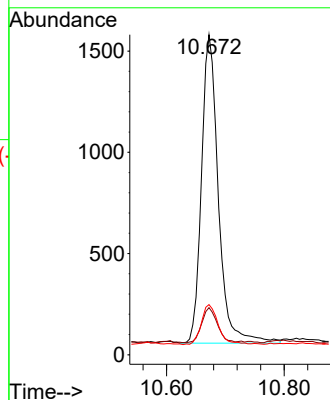
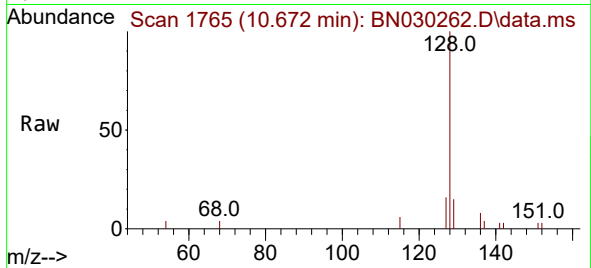




#5
Naphthalene
Concen: 0.260 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

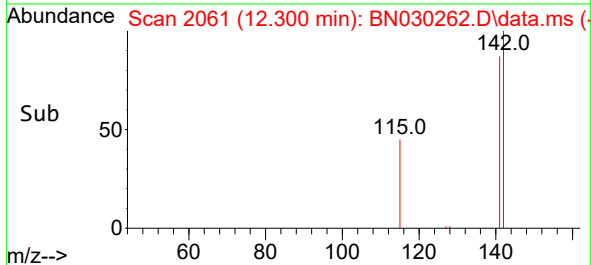
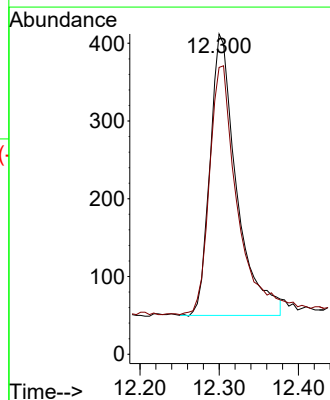
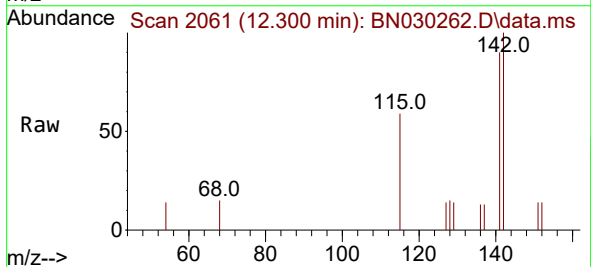
Instrument :
BNA_N
ClientSampleId :
E0S90DL

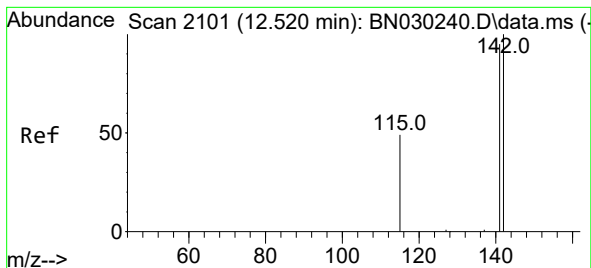
Tgt Ion:128 Resp: 3046
Ion Ratio Lower Upper
128 100
129 14.7 11.0 16.4
127 15.7 12.3 18.5



#7
2-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:142 Resp: 844
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.096 ng/ul

RT: 12.514 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

Instrument :

BNA_N

ClientSampleId :

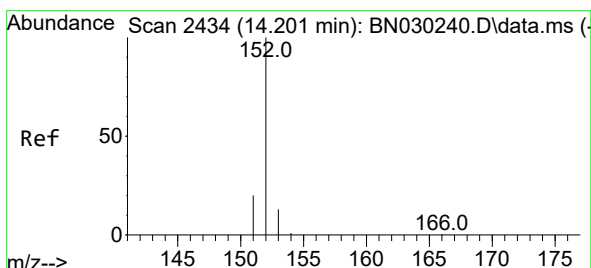
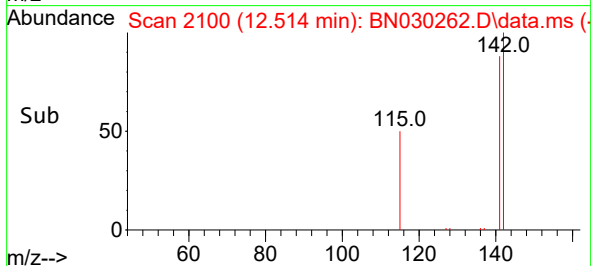
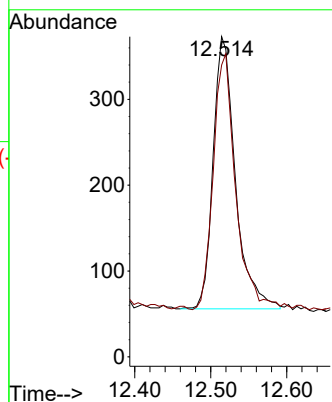
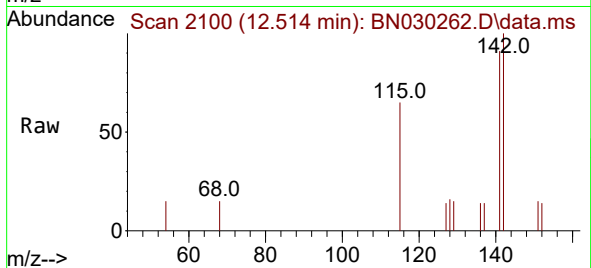
EO590DL

Tgt Ion:142 Resp: 646

Ion Ratio Lower Upper

142 100

141 94.7 74.2 111.2



#10

Acenaphthylene

Concen: 0.107 ng/ul

RT: 14.196 min Scan# 2433

Delta R.T. -0.005 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

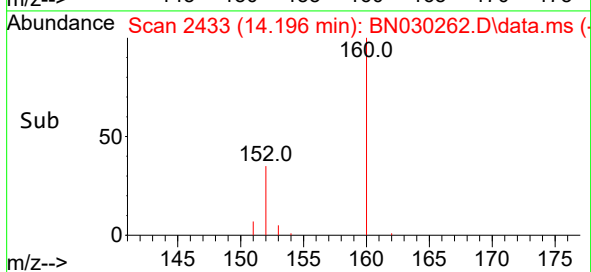
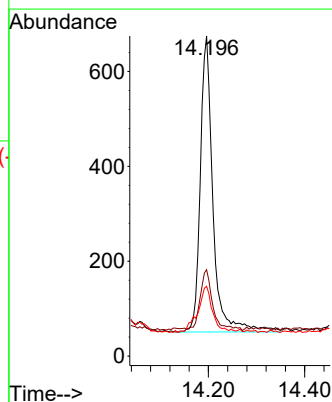
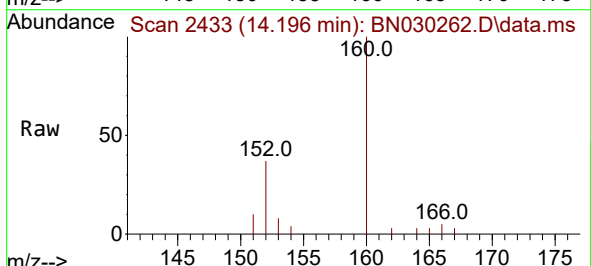
Tgt Ion:152 Resp: 1141

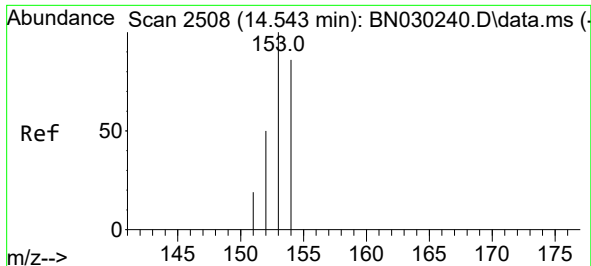
Ion Ratio Lower Upper

152 100

151 27.0 16.9 25.3#

153 21.8 11.8 17.6#

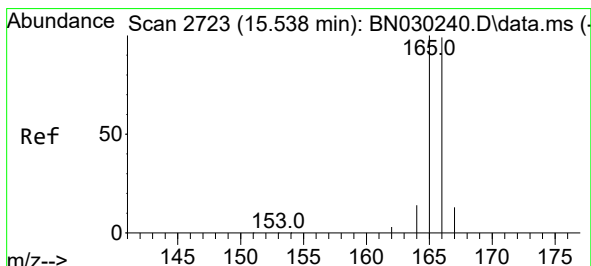
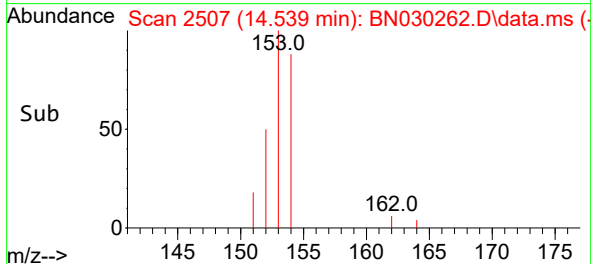
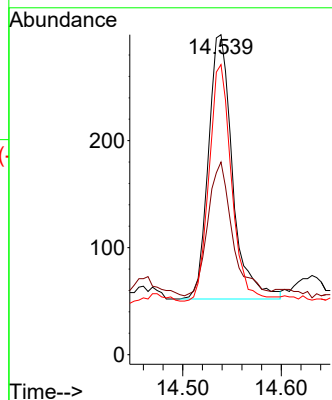
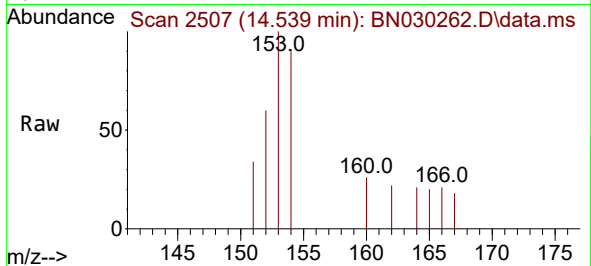




#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.539 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

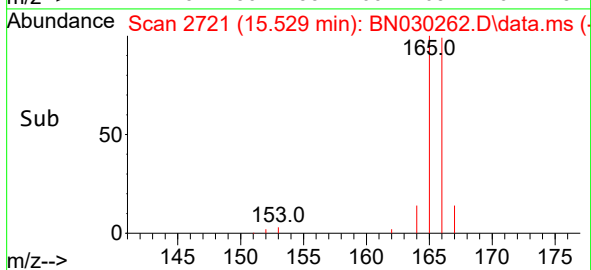
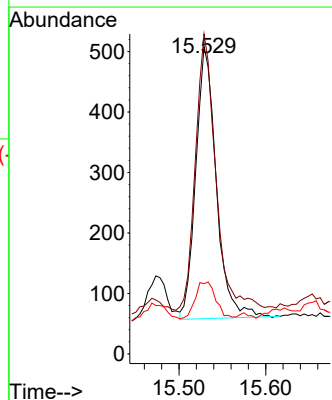
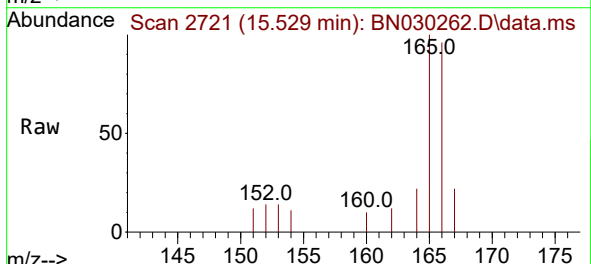
Instrument :
BNA_N
ClientSampleId :
E0S90DL

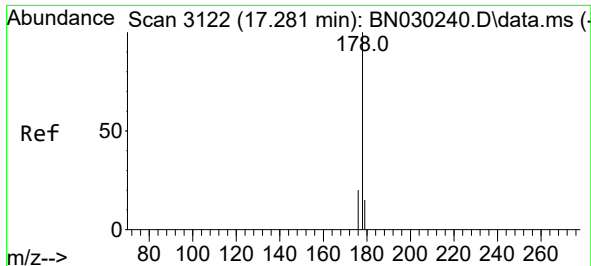
Tgt Ion:153 Resp: 421
Ion Ratio Lower Upper
153 100
152 60.2 43.2 64.8
154 90.6 67.5 101.3



#12
Fluorene
Concen: 0.092 ng/ul
RT: 15.529 min Scan# 2721
Delta R.T. -0.009 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:166 Resp: 735
Ion Ratio Lower Upper
166 100
165 104.1 81.8 122.6
167 22.8 13.0 19.4#

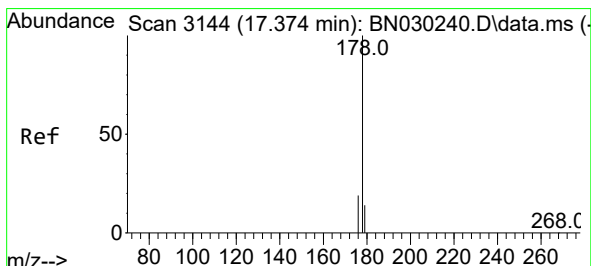
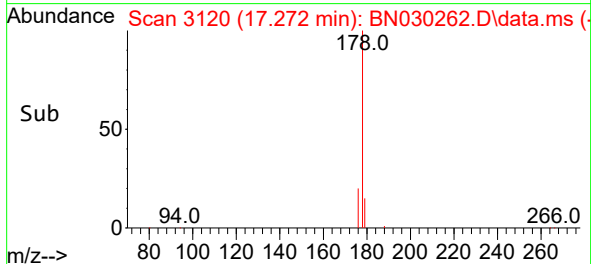
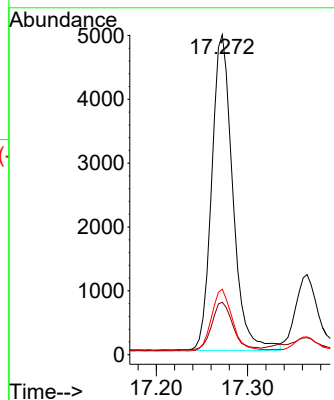
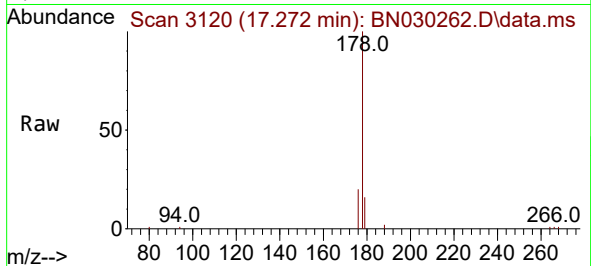




#15
Phenanthrene
Concen: 0.626 ng/ul
RT: 17.272 min Scan# 3120
Delta R.T. -0.009 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

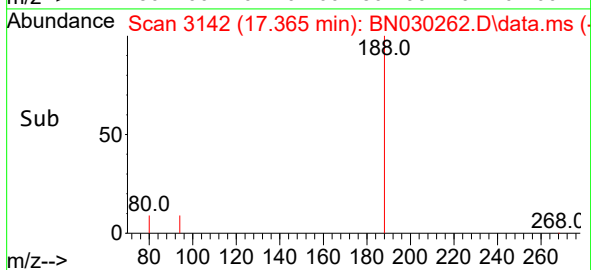
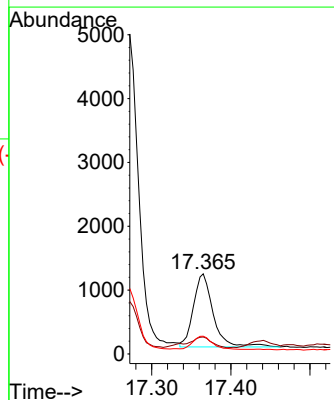
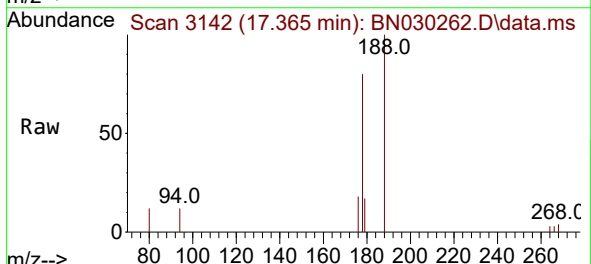
Instrument :
BNA_N
ClientSampleId :
E0S90DL

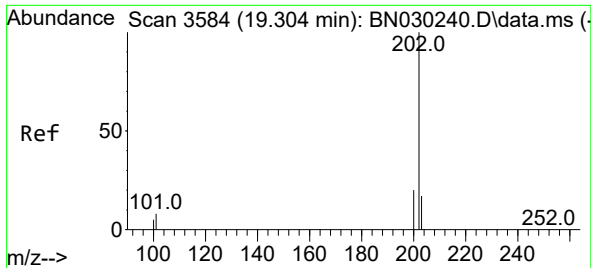
Tgt Ion:178 Resp: 7900
Ion Ratio Lower Upper
178 100
179 16.4 13.8 20.8
176 20.5 16.6 25.0



#16
Anthracene
Concen: 0.178 ng/ul
RT: 17.365 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:178 Resp: 1979
Ion Ratio Lower Upper
178 100
179 21.1 14.8 22.2
176 22.2 17.8 26.6

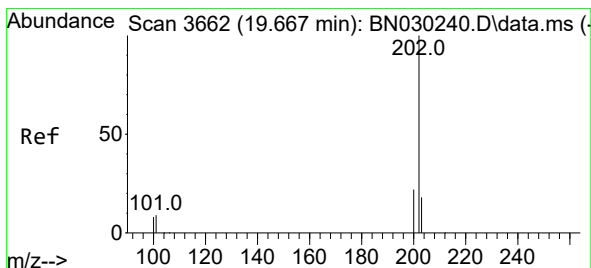
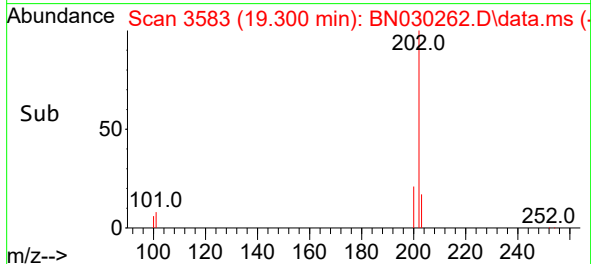
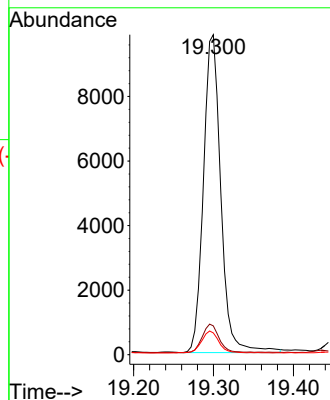
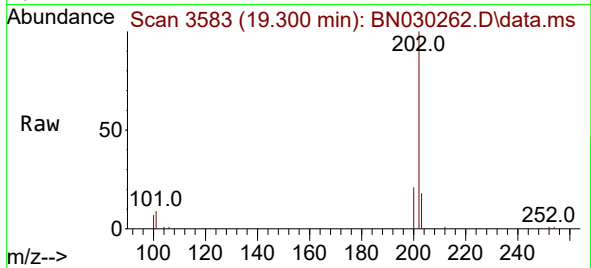




#19
Fluoranthene
Concen: 1.013 ng/ul
RT: 19.300 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

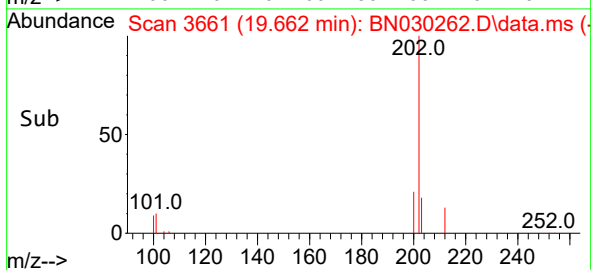
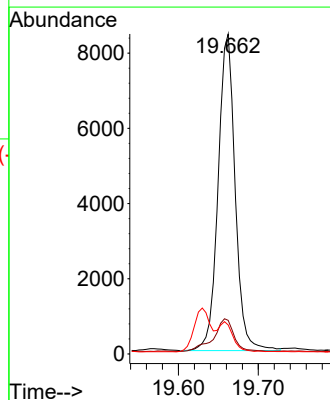
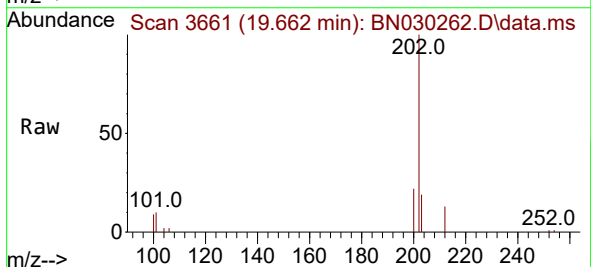
Instrument :
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E0S90DL

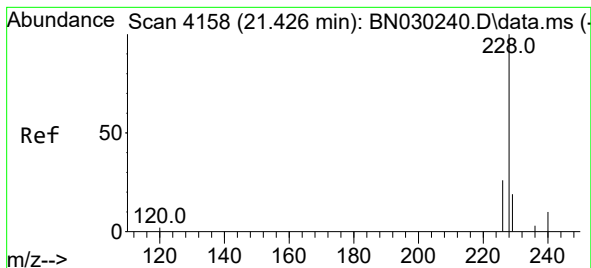
Tgt Ion:202 Resp: 14919
Ion Ratio Lower Upper
202 100
101 9.0 8.8 13.2
100 6.8 7.4 11.2#



#20
Pyrene
Concen: 0.780 ng/ul
RT: 19.662 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:202 Resp: 12484
Ion Ratio Lower Upper
202 100
101 10.5 10.6 15.8#
100 9.0 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.542 ng/ul

RT: 21.426 min Scan# 4158

Delta R.T. -0.000 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

Instrument :

BNA_N

ClientSampleId :

E0S90DL

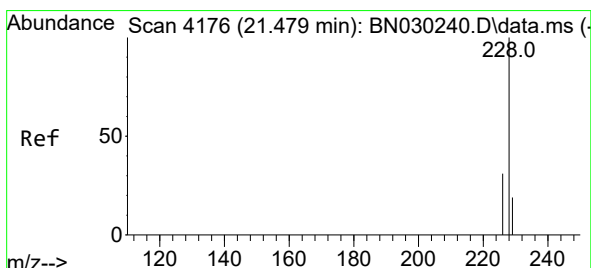
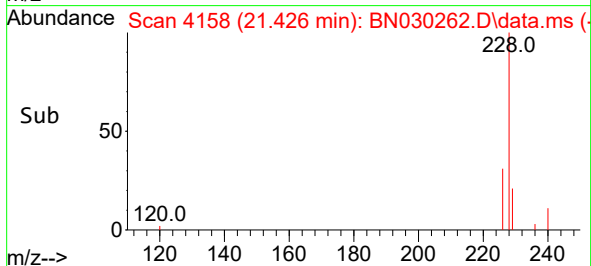
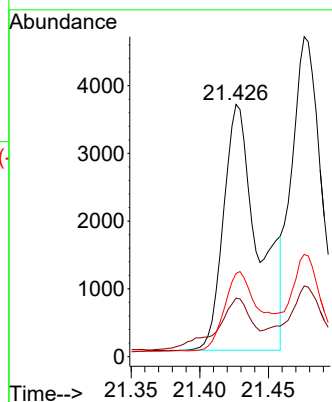
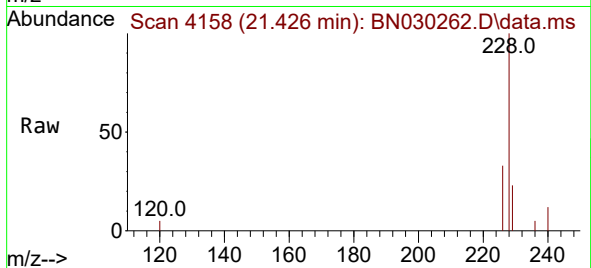
Tgt Ion:228 Resp: 6351

Ion Ratio Lower Upper

228 100

229 23.2 16.6 24.8

226 33.0 23.7 35.5



#22

Chrysene

Concen: 0.503 ng/ul

RT: 21.476 min Scan# 4175

Delta R.T. -0.003 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

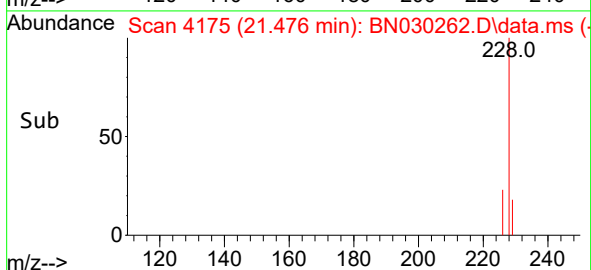
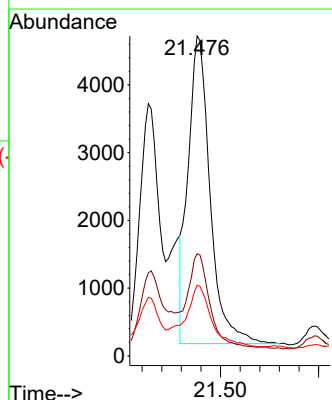
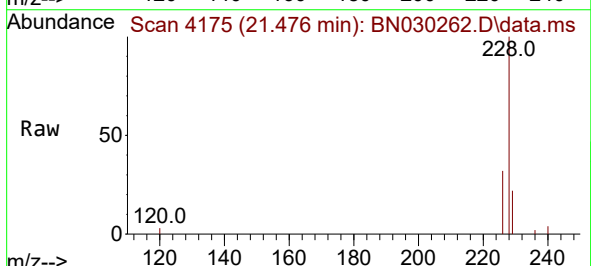
Tgt Ion:228 Resp: 7078

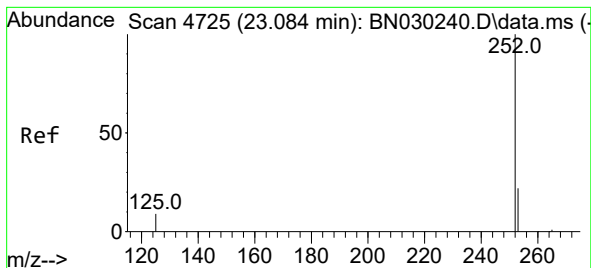
Ion Ratio Lower Upper

228 100

226 31.9 24.6 37.0

229 22.1 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 1.064 ng/ul

RT: 23.084 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

Instrument :

BNA_N

ClientSampleId :

E0S90DL

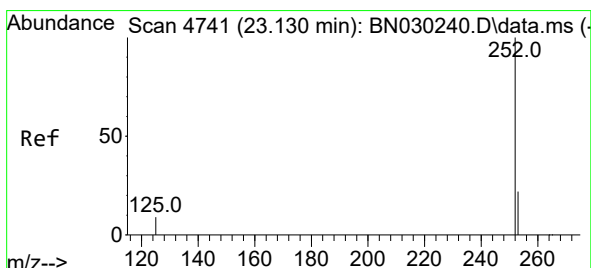
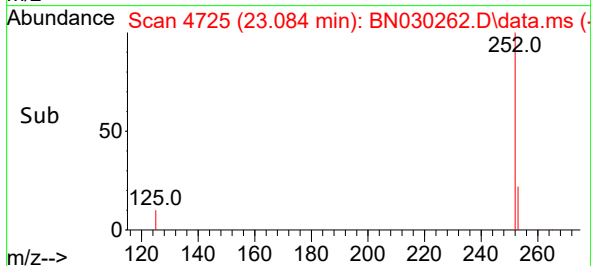
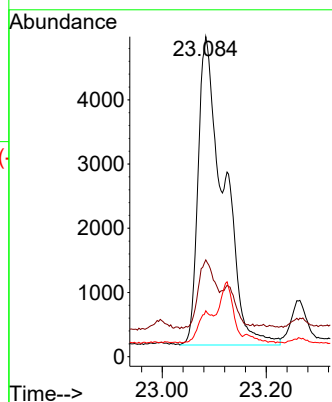
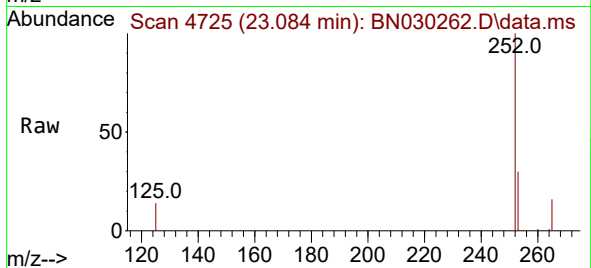
Tgt Ion:252 Resp: 16361

Ion Ratio Lower Upper

252 100

253 30.3 0.0 69.4

125 14.3 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.033 ng/ul

RT: 23.259 min Scan# 4785

Delta R.T. 0.129 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

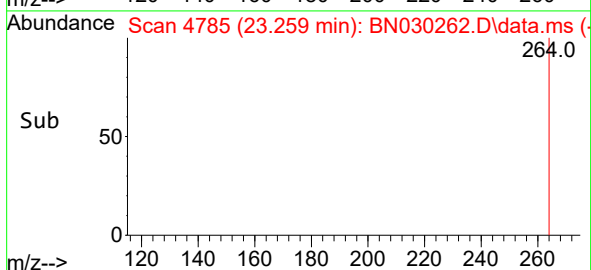
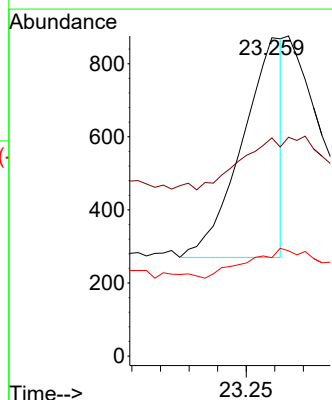
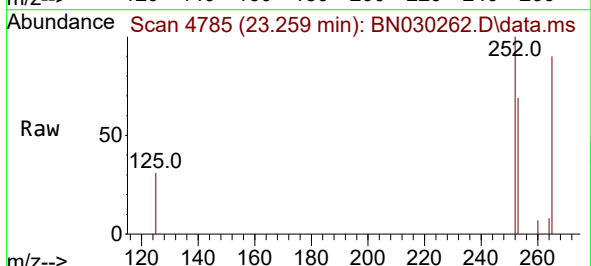
Tgt Ion:252 Resp: 590

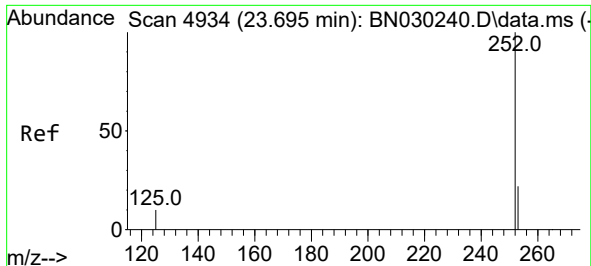
Ion Ratio Lower Upper

252 100

253 68.5 28.0 42.0#

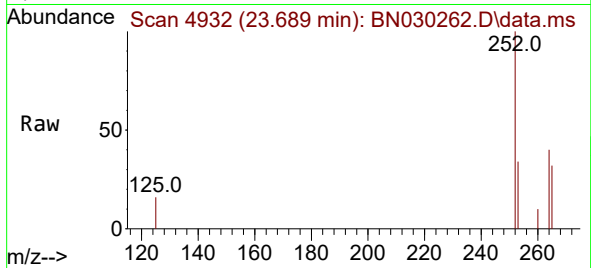
125 30.9 14.4 21.6#



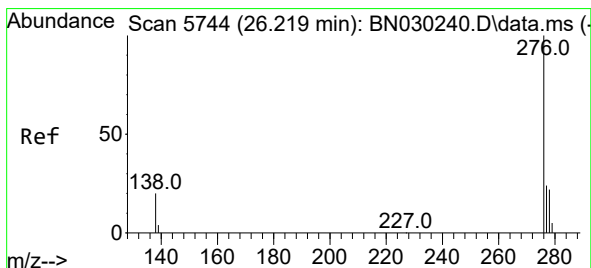
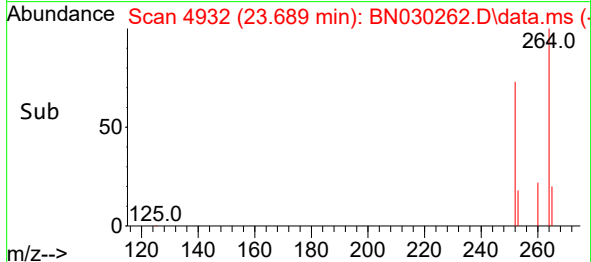
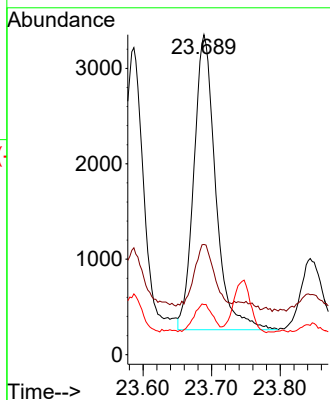


#26
Benzo(a)pyrene
Concen: 0.436 ng/ul
RT: 23.689 min Scan# 4932
Delta R.T. -0.006 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Instrument :
BNA_N
ClientSampleId :
E0S90DL

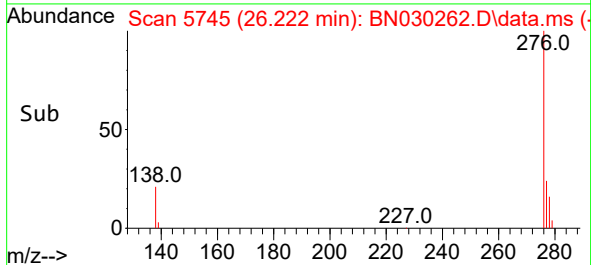
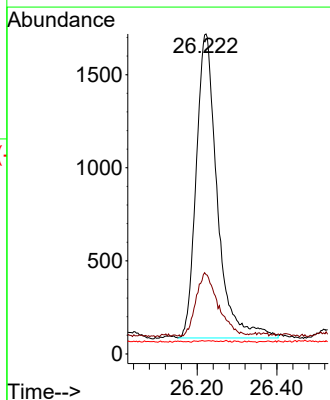
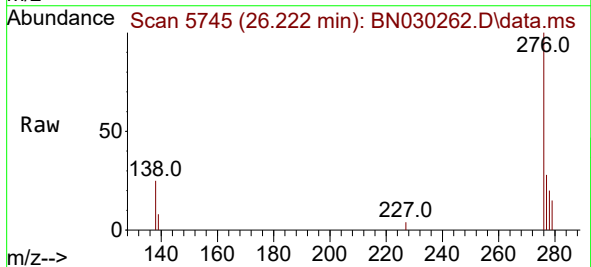


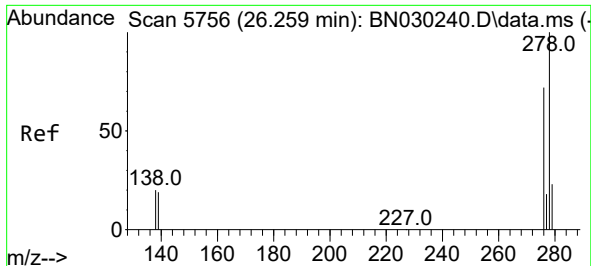
Tgt Ion:252 Resp: 6822
Ion Ratio Lower Upper
252 100
253 34.4 33.0 49.4
125 15.6 16.9 25.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.222 min Scan# 5745
Delta R.T. 0.003 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:276 Resp: 5971
Ion Ratio Lower Upper
276 100
138 22.5 20.9 31.3
227 0.2 0.1 0.1#

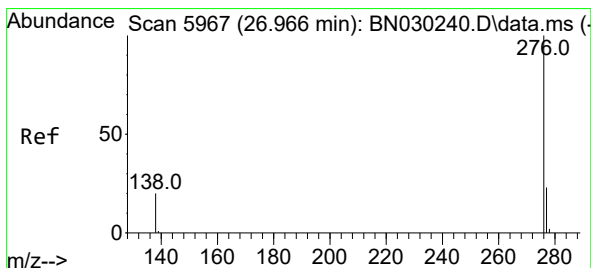
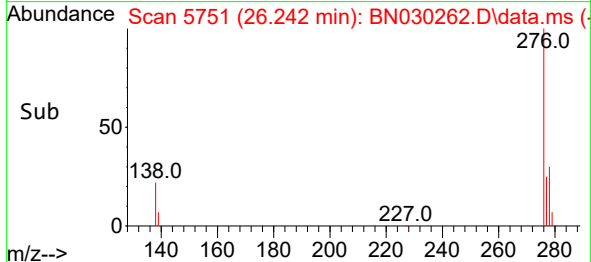
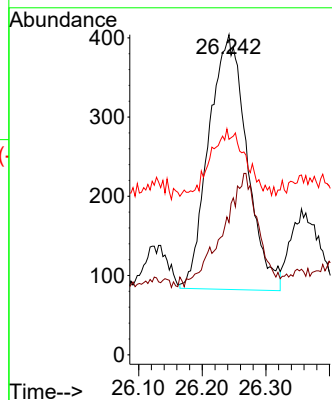
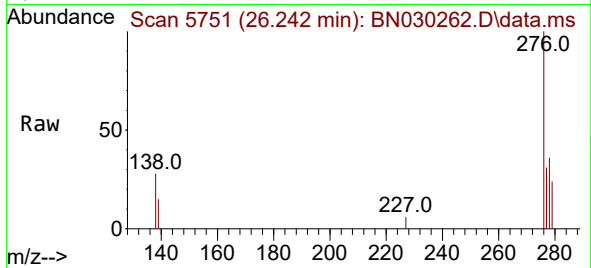




#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.242 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Instrument :
BNA_N
ClientSampleId :
E0S90DL

Tgt Ion:278 Resp: 1340
Ion Ratio Lower Upper
278 100
139 41.3 18.9 28.3#
279 67.3 31.8 47.6#



#29
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 26.960 min Scan# 5965
Delta R.T. -0.007 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:276 Resp: 5432
Ion Ratio Lower Upper
276 100
138 25.0 22.6 33.8
277 27.1 21.9 32.9

