

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033746.D
 Acq On : 03 Sep 2024 18:10
 Operator : MA/JU
 Sample : PB163093BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS093

Quant Time: Sep 04 01:42:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 01:39:37 2024
 Response via : Initial Calibration

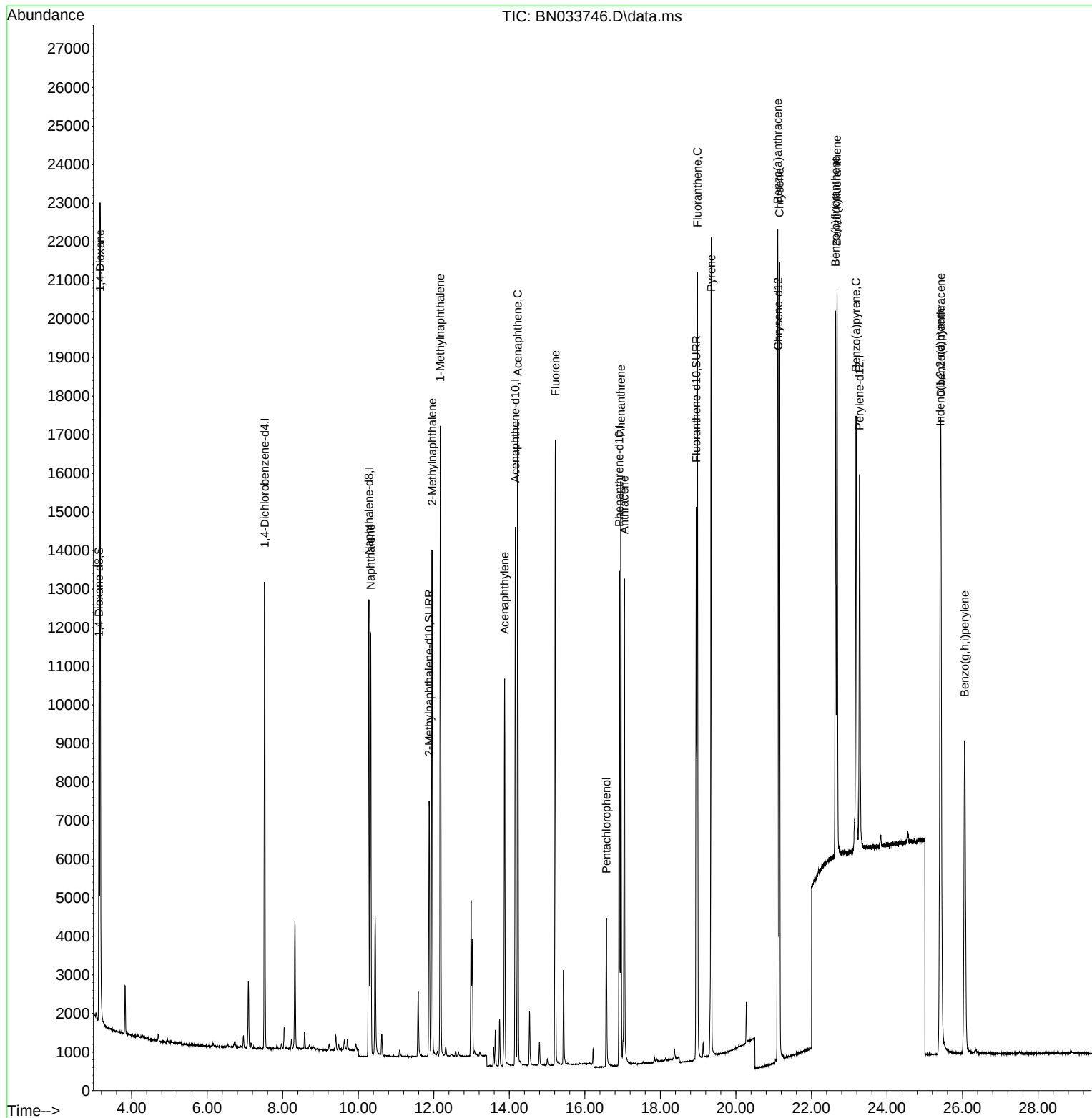
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5739	0.400	ng/ul	0.00
4) Naphthalene-d8	10.282	136	15395	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.159	164	7444	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.913	188	14815	0.400	ng/ul	0.00
17) Chrysene-d12	21.120	240	11545	0.400	ng/ul	0.00
23) Perylene-d12	23.276	264	12358	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	4832	0.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	8826	0.400	ng/ul	0.00
18) Fluoranthene-d10	18.951	212	15559	0.452	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	12585	1.922	ng/ul#	78
5) Naphthalene	10.331	128	14868	0.361	ng/ul	99
7) 2-Methylnaphthalene	11.953	142	9228	0.354	ng/ul	99
8) 1-Methylnaphthalene	12.173	142	10993	0.410	ng/ul	100
10) Acenaphthylene	13.877	152	11661	0.345	ng/ul	100
11) Acenaphthene	14.224	153	9436	0.387	ng/ul	99
12) Fluorene	15.219	166	10096	0.370	ng/ul	98
14) Pentachlorophenol	16.571	266	2683	0.576	ng/ul	99
15) Phenanthrene	16.951	178	15593	0.357	ng/ul	100
16) Anthracene	17.044	178	13844	0.352	ng/ul	100
19) Fluoranthene	18.979	202	17226	0.378	ng/ul	99
20) Pyrene	19.346	202	18038	0.373	ng/ul	99
21) Benzo(a)anthracene	21.105	228	16405	0.361	ng/ul	99
22) Chrysene	21.155	228	16952	0.369	ng/ul	99
24) Benzo(b)fluoranthene	22.636	252	16873	0.352	ng/ul	99
25) Benzo(k)fluoranthene	22.677	252	17490	0.364	ng/ul	100
26) Benzo(a)pyrene	23.180	252	15452	0.401	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.410	276	20633	0.357	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.427	278	16010	0.356	ng/ul	99
29) Benzo(g,h,i)perylene	26.057	276	16416	0.363	ng/ul	99

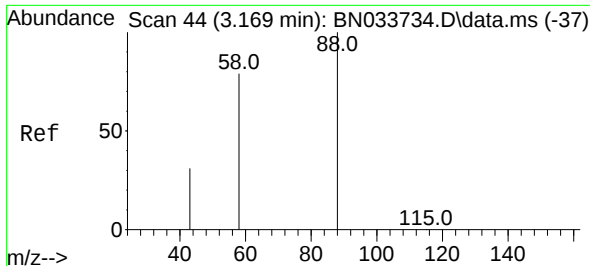
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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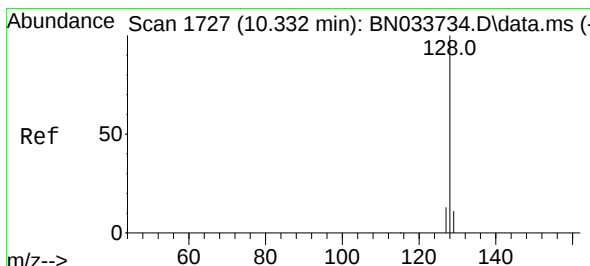
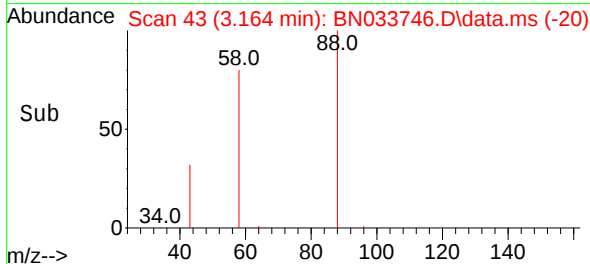
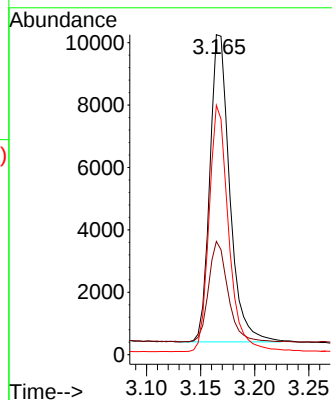
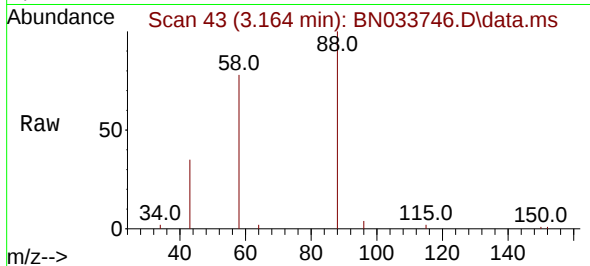




#2
1,4-Dioxane
Concen: 1.922 ng/ul
RT: 3.164 min Scan# 44
Delta R.T. -0.004 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

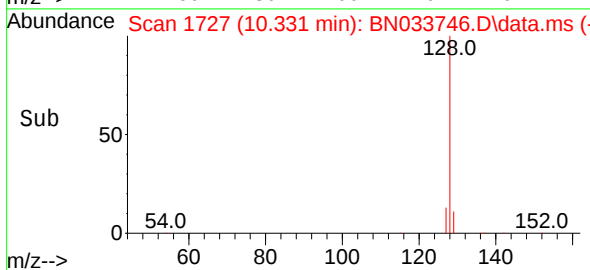
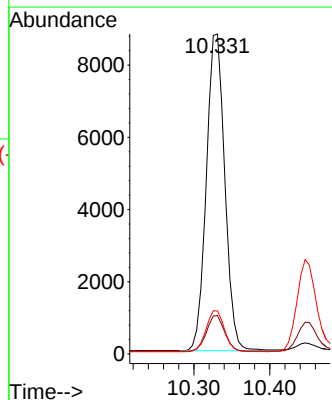
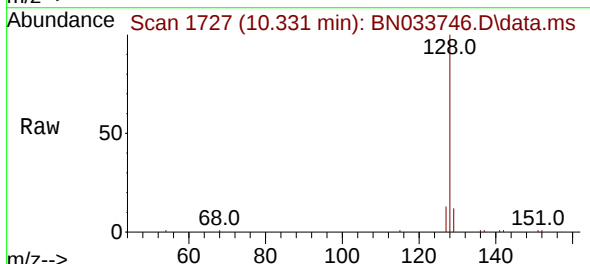
Instrument :
BNA_N
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SLCS093

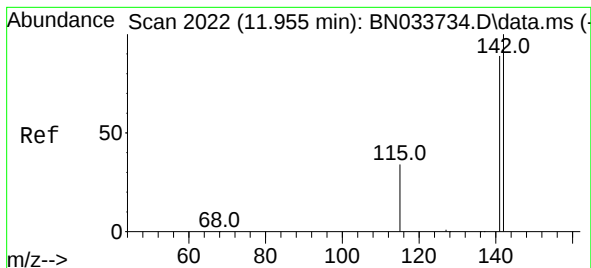
Tgt Ion: 88 Resp: 12585
Ion Ratio Lower Upper
88 100
43 35.4 47.0 70.4#
58 77.9 53.0 79.4



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.331 min Scan# 1727
Delta R.T. -0.001 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

Tgt Ion:128 Resp: 14868
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 13.4 10.8 16.2

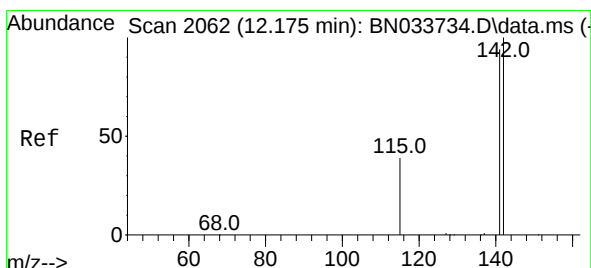
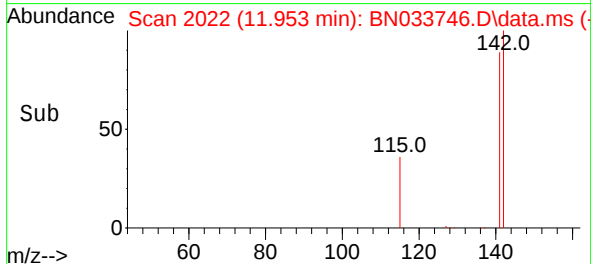
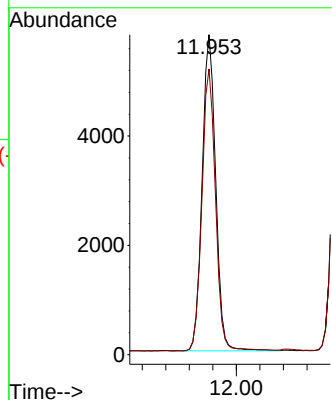
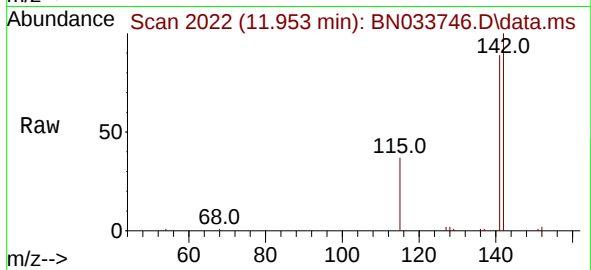




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 11.953 min Scan# 2022
Delta R.T. -0.001 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

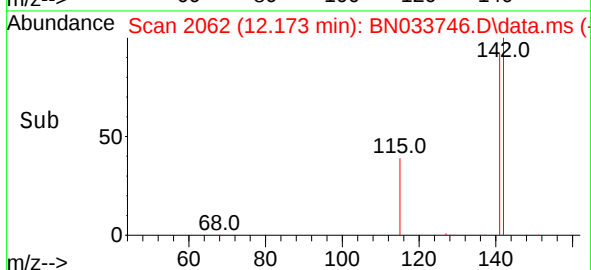
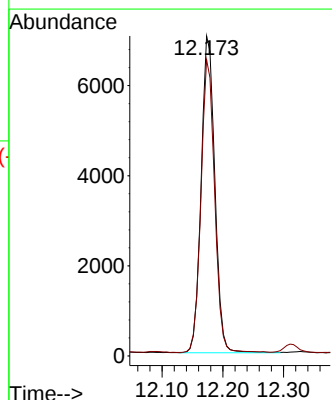
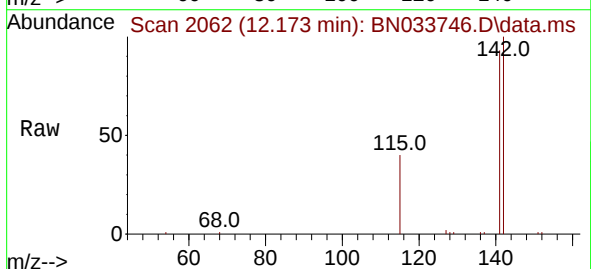
Instrument :
BNA_N
ClientSampleId :
SLCS093

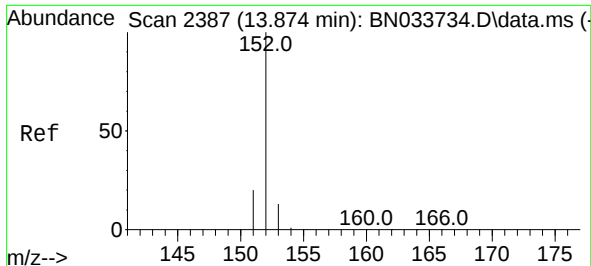
Tgt Ion:142 Resp: 9228
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.173 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

Tgt Ion:142 Resp: 10993
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4

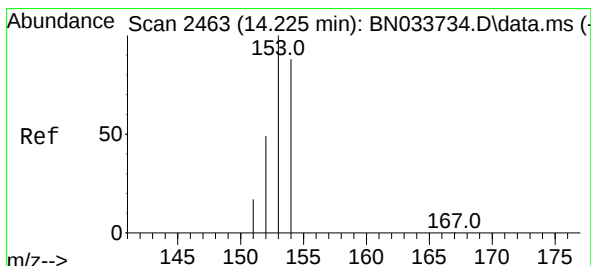
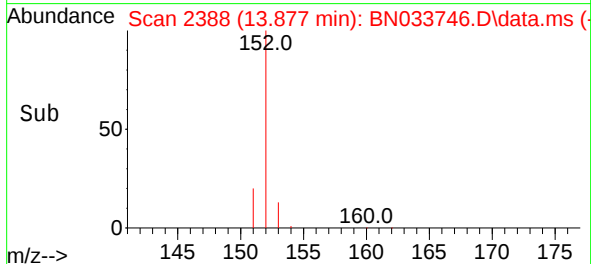
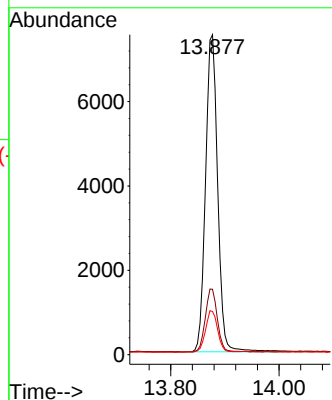
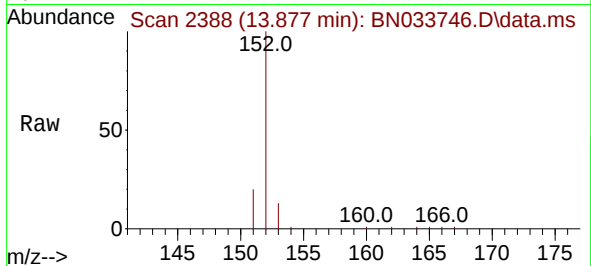




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 13.877 min Scan# 2387
Delta R.T. 0.003 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

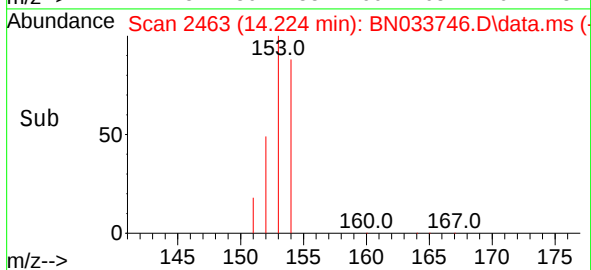
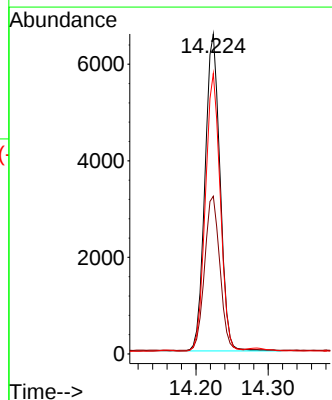
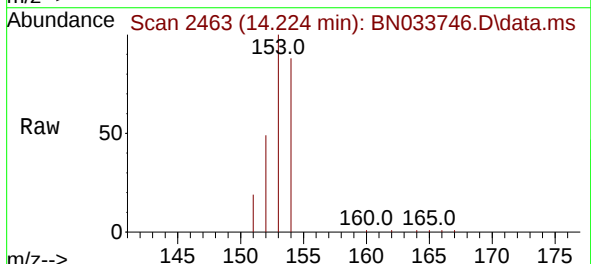
Instrument :
BNA_N
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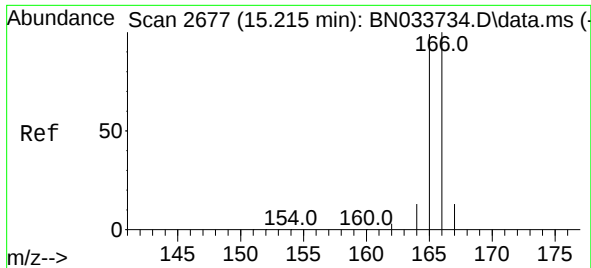
Tgt Ion:152 Resp: 11661
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.224 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

Tgt Ion:153 Resp: 9436
Ion Ratio Lower Upper
153 100
152 49.3 39.8 59.8
154 87.6 69.0 103.6

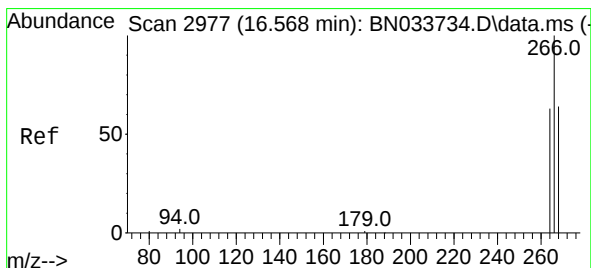
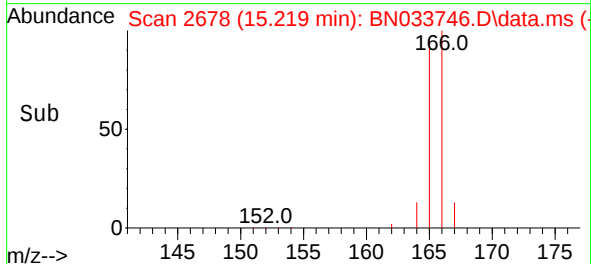
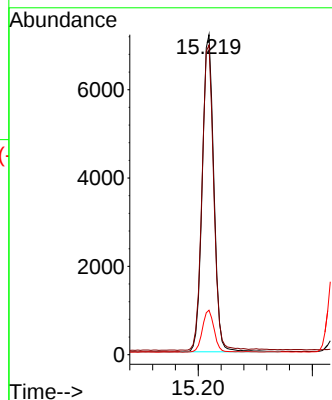
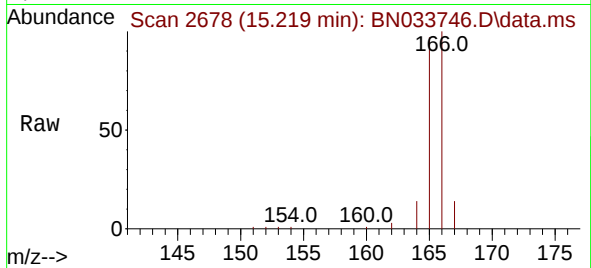




#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.219 min Scan# 2096
Delta R.T. 0.003 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

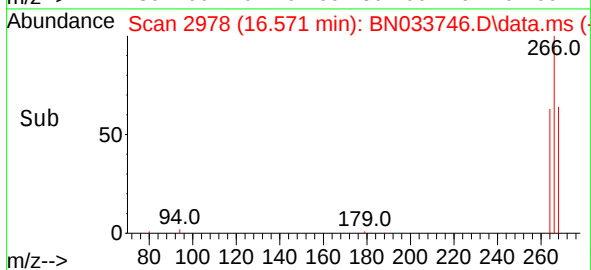
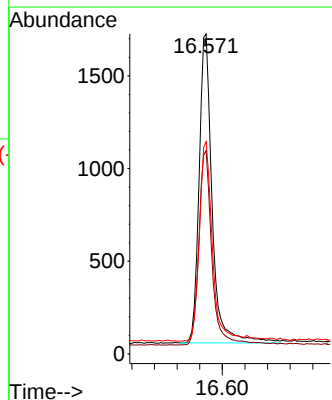
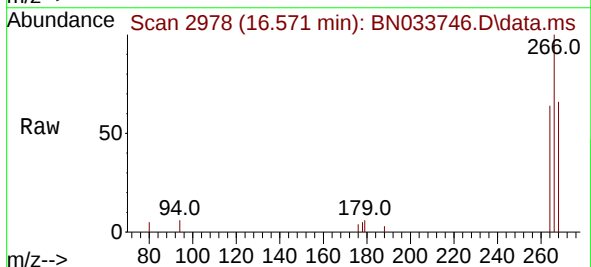
Instrument :
BNA_N
ClientSampleId :
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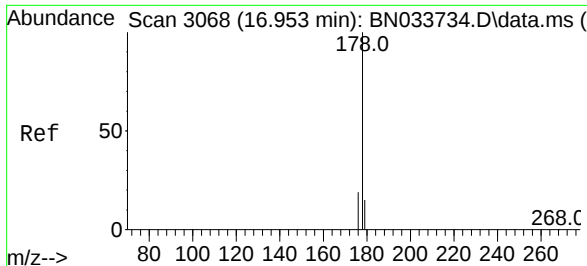
Tgt Ion:166 Resp: 10096
Ion Ratio Lower Upper
166 100
165 96.7 79.1 118.7
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.576 ng/ul
RT: 16.571 min Scan# 2978
Delta R.T. 0.003 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

Tgt Ion:266 Resp: 2683
Ion Ratio Lower Upper
266 100
264 63.3 50.3 75.5
268 65.5 51.7 77.5





#15

Phenanthrene

Concen: 0.357 ng/ul

RT: 16.951 min Scan# 3068

Delta R.T. -0.001 min

Lab File: BN033746.D

Acq: 03 Sep 2024 18:10

Instrument :

BNA_N

ClientSampleId :

SLCS093

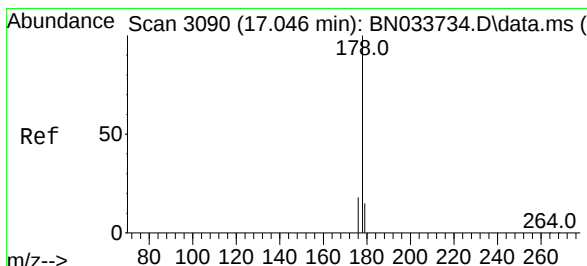
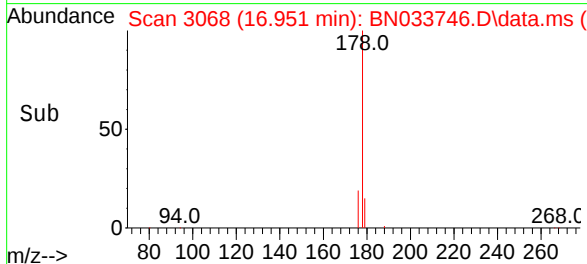
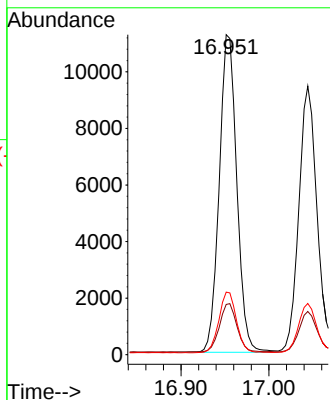
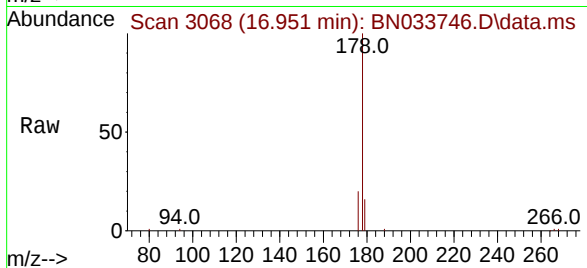
Tgt Ion:178 Resp: 15593

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 19.5 15.7 23.5



#16

Anthracene

Concen: 0.352 ng/ul

RT: 17.044 min Scan# 3090

Delta R.T. -0.001 min

Lab File: BN033746.D

Acq: 03 Sep 2024 18:10

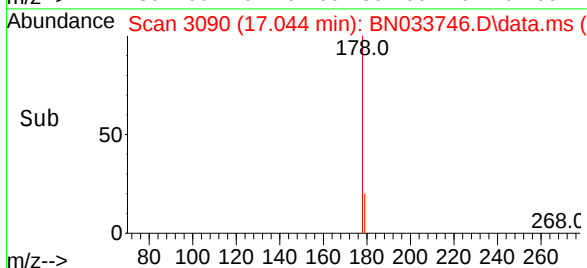
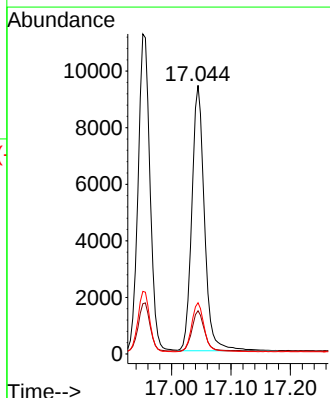
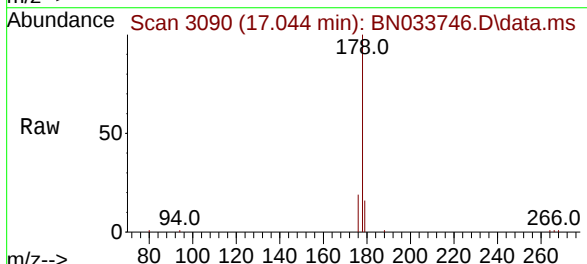
Tgt Ion:178 Resp: 13844

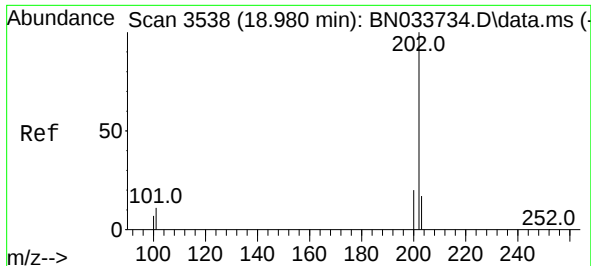
Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.4

176 19.1 15.2 22.8

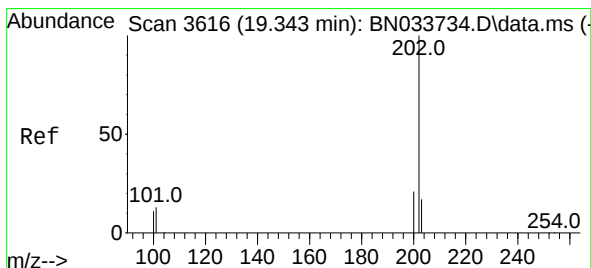
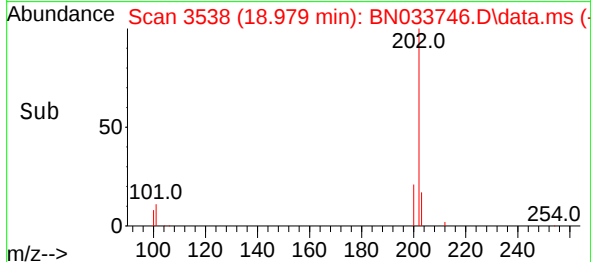
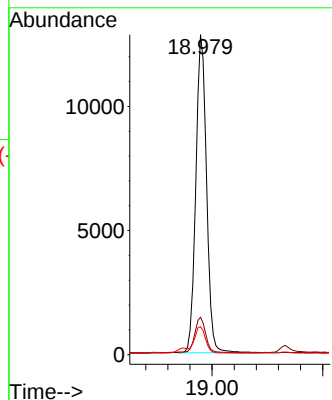
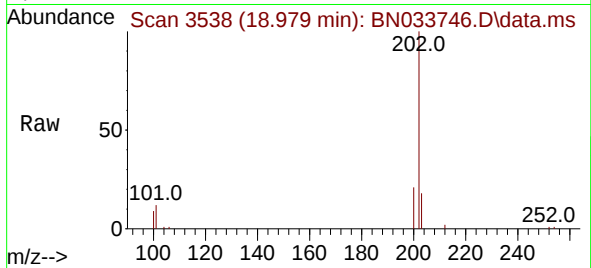




#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 18.979 min Scan# 3538
Delta R.T. -0.001 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

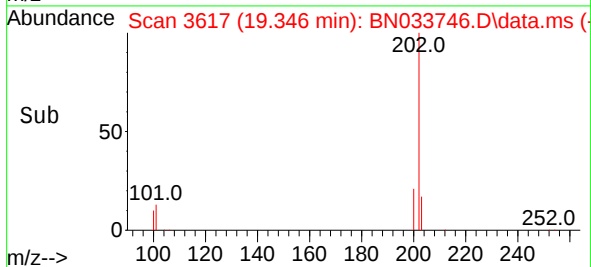
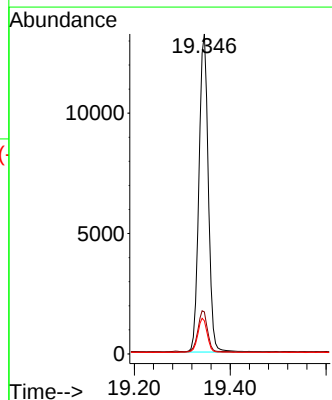
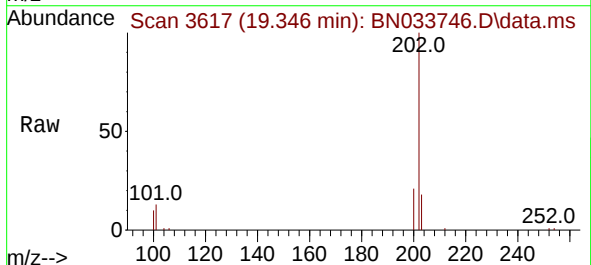
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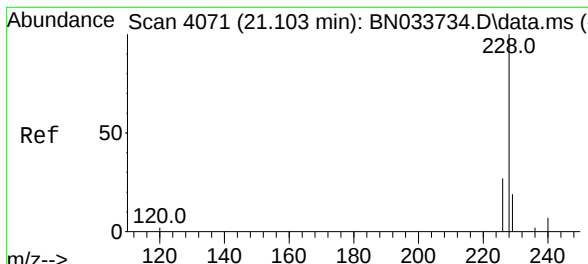
Tgt Ion:202 Resp: 17226
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 8.8 6.7 10.1



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.346 min Scan# 3617
Delta R.T. 0.003 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

Tgt Ion:202 Resp: 18038
Ion Ratio Lower Upper
202 100
101 13.1 10.8 16.2
100 10.3 8.7 13.1

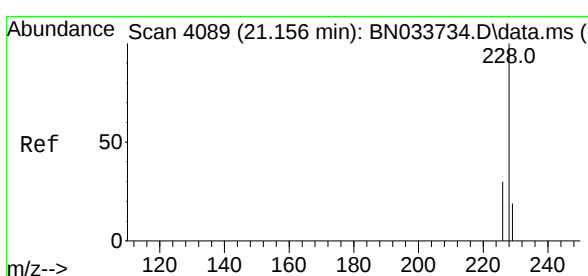
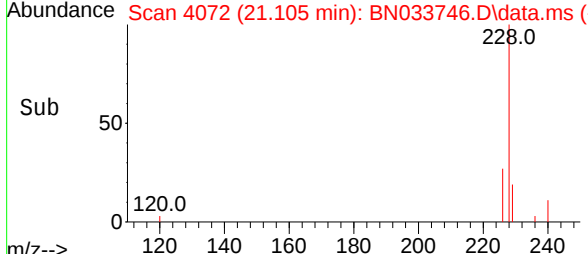
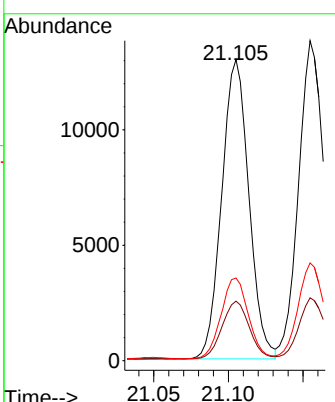
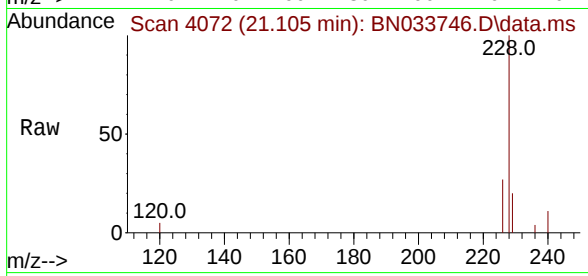




#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.105 min Scan# 4071
Delta R.T. 0.002 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

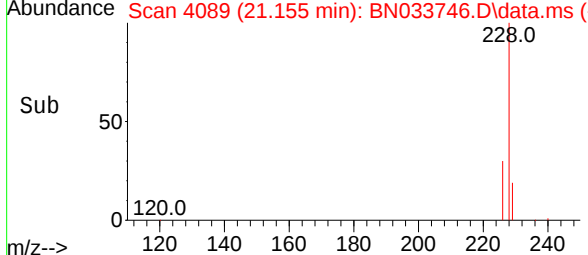
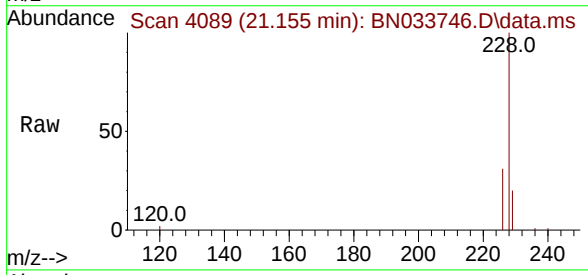
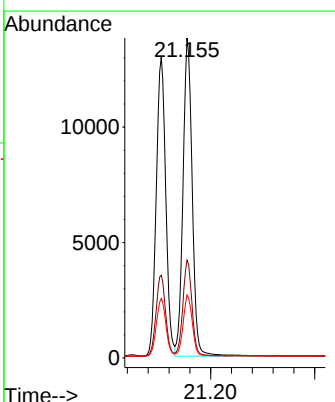
Instrument :
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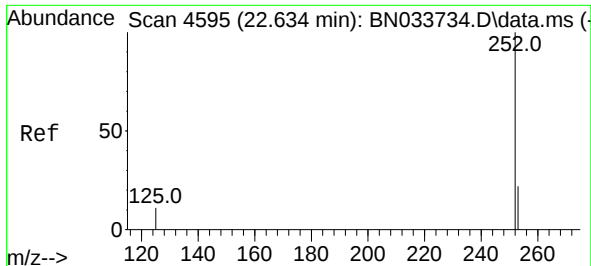
Tgt Ion:	228	Resp:	16405
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.4	23.2
226	27.5	22.1	33.1



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.155 min Scan# 4089
Delta R.T. -0.001 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

Tgt Ion:	228	Resp:	16952
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.2	36.2
229	19.6	15.6	23.4





#24

Benzo(b)fluoranthene

Concen: 0.352 ng/ul

RT: 22.636 min Scan# 4595

Delta R.T. 0.002 min

Lab File: BN033746.D

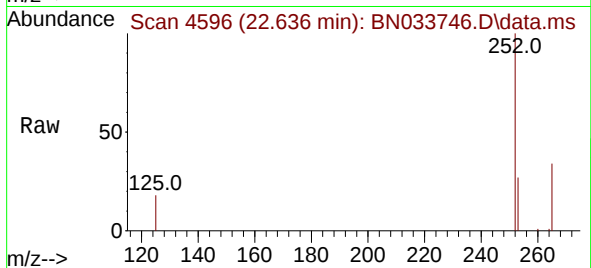
Acq: 03 Sep 2024 18:10

Instrument :

BNA_N

ClientSampleId :

SLCS093



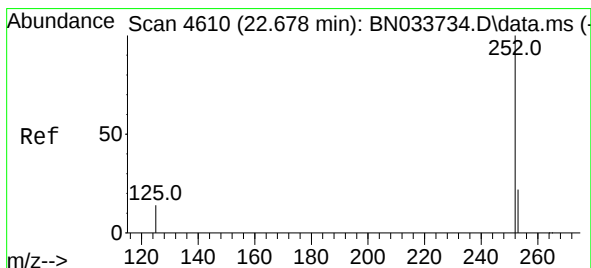
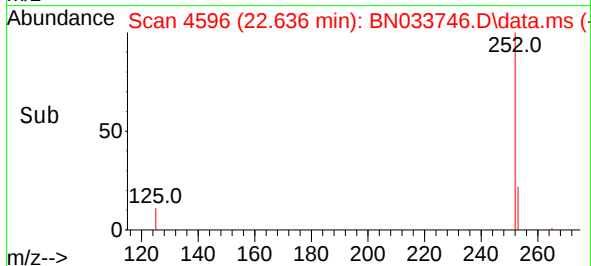
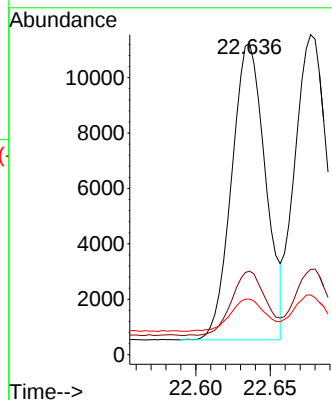
Tgt Ion:252 Resp: 16873

Ion Ratio Lower Upper

252 100

253 26.9 0.0 52.8

125 17.8 0.0 36.4



#25

Benzo(k)fluoranthene

Concen: 0.364 ng/ul

RT: 22.677 min Scan# 4610

Delta R.T. -0.001 min

Lab File: BN033746.D

Acq: 03 Sep 2024 18:10

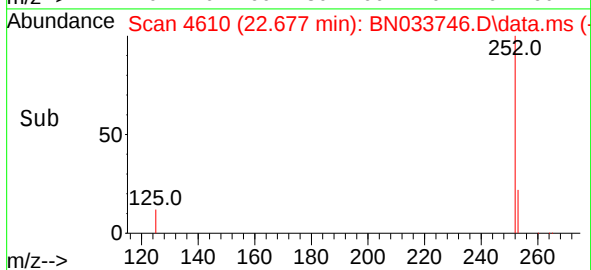
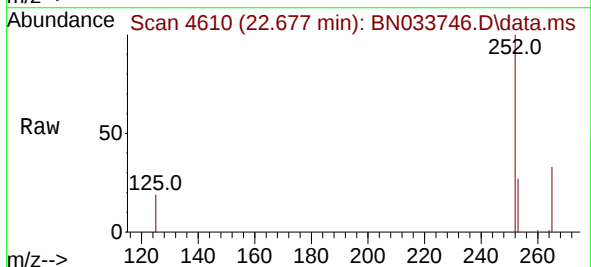
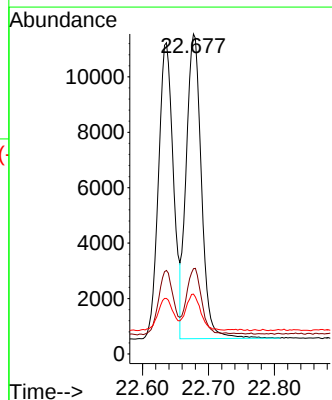
Tgt Ion:252 Resp: 17490

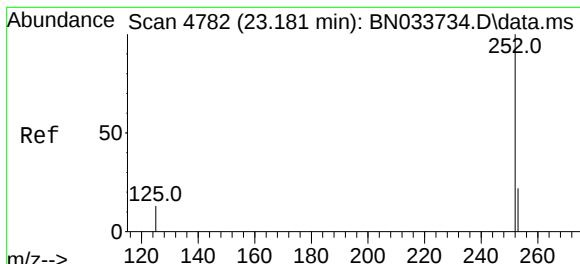
Ion Ratio Lower Upper

252 100

253 26.7 21.4 32.0

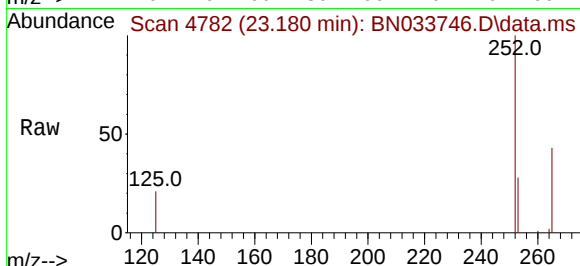
125 18.7 15.1 22.7



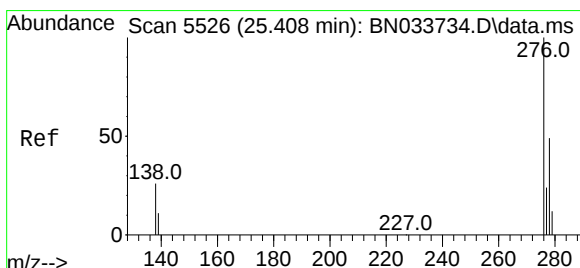
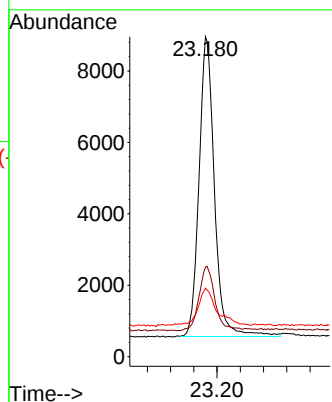
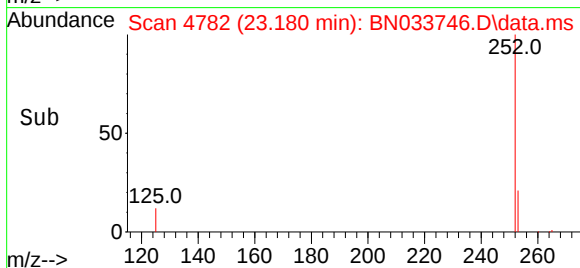


#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.180 min Scan# 4782
Delta R.T. -0.001 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

Instrument :
BNA_N
ClientSampleId :
SLCS093

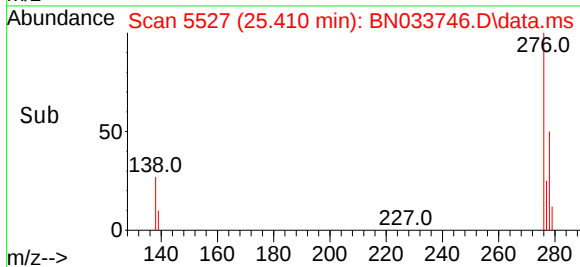
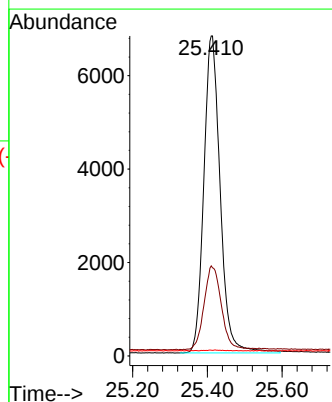
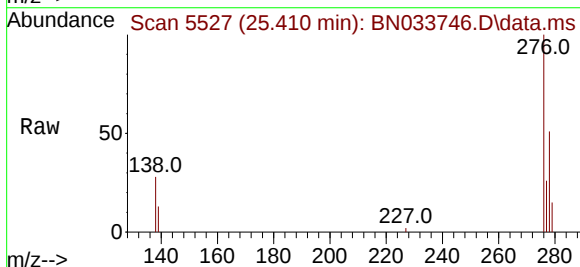


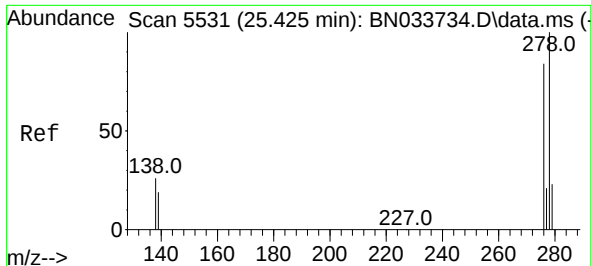
Tgt Ion:252 Resp: 15452
Ion Ratio Lower Upper
252 100
253 28.0 22.8 34.2
125 21.4 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.410 min Scan# 5527
Delta R.T. 0.002 min
Lab File: BN033746.D
Acq: 03 Sep 2024 18:10

Tgt Ion:276 Resp: 20633
Ion Ratio Lower Upper
276 100
138 28.1 22.3 33.5
227 0.1 0.2 0.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.356 ng/ul

RT: 25.427 min Scan# 51

Delta R.T. 0.002 min

Lab File: BN033746.D

Acq: 03 Sep 2024 18:10

Instrument :

BNA_N

ClientSampleId :

SLCS093

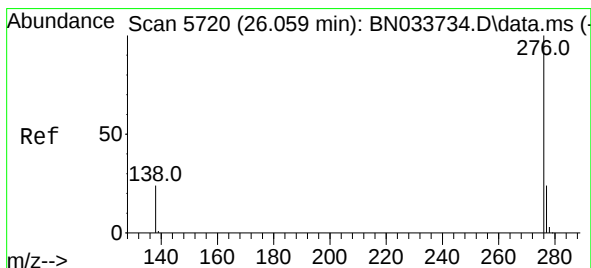
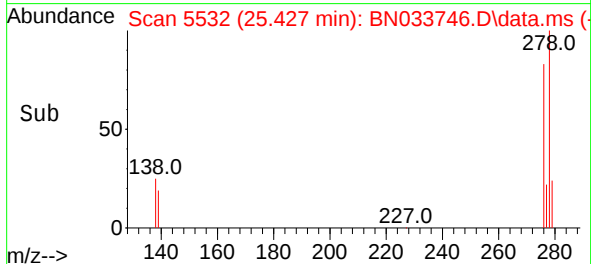
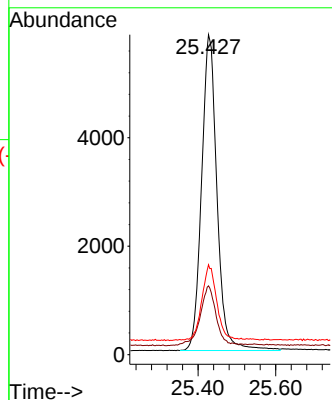
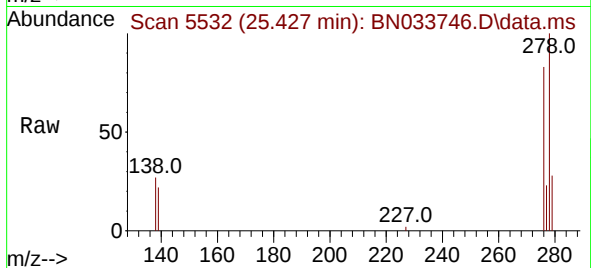
Tgt Ion:278 Resp: 16010

Ion Ratio Lower Upper

278 100

139 21.5 17.3 25.9

279 28.1 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.363 ng/ul

RT: 26.057 min Scan# 5720

Delta R.T. -0.001 min

Lab File: BN033746.D

Acq: 03 Sep 2024 18:10

Tgt Ion:276 Resp: 16416

Ion Ratio Lower Upper

276 100

138 26.1 20.8 31.2

277 24.9 20.2 30.4

