

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034778.D
 Acq On : 31 Oct 2024 22:30
 Operator : RC/JU
 Sample : PB164418BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS418

Quant Time: Nov 03 23:23:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

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

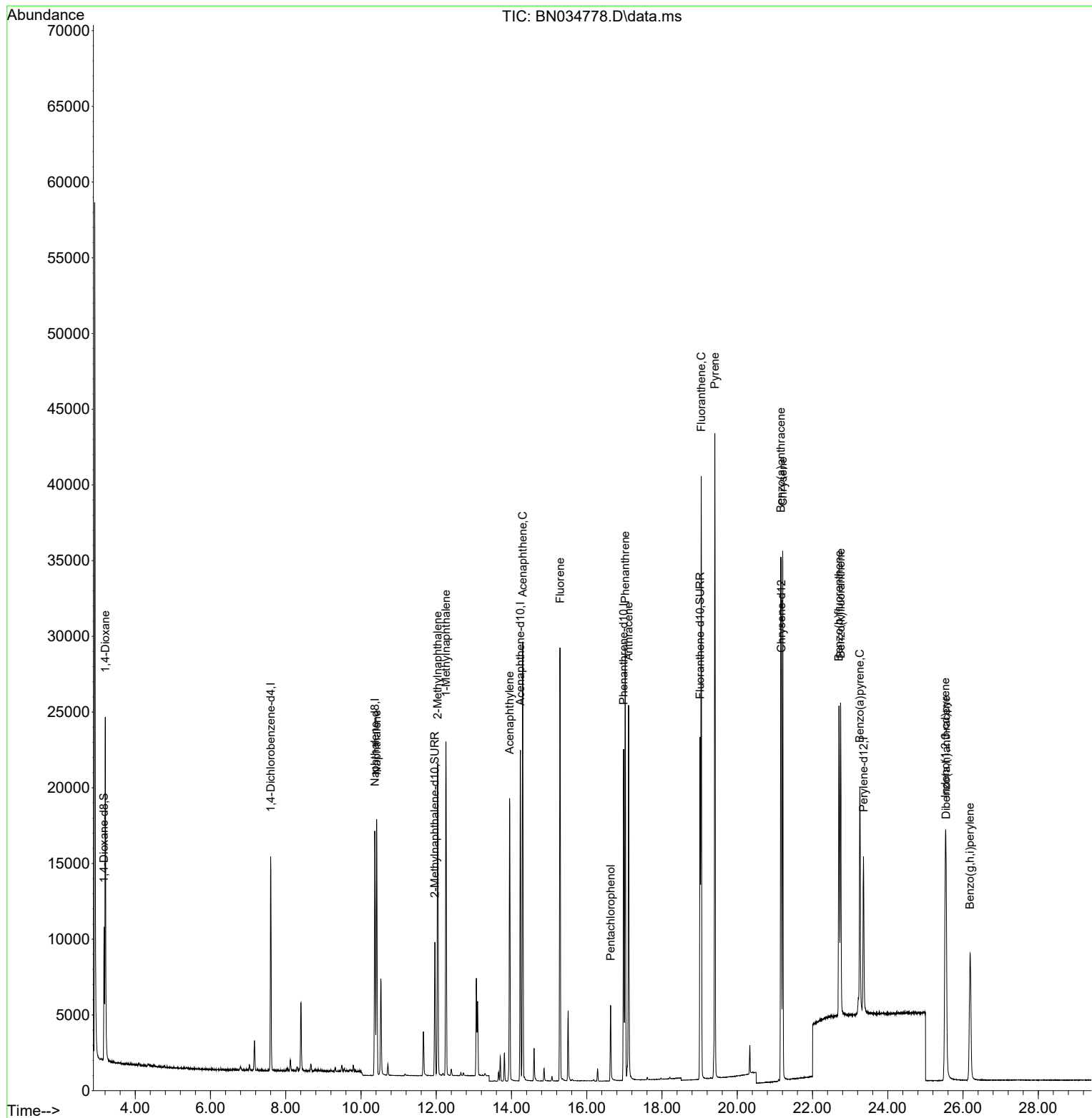
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	6794	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	20539	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	11438	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	23438	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	15872	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	13170	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	5428	0.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	11326	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	22184	0.429	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.203	88	14067	1.822	ng/ul#	85
5) Naphthalene	10.416	128	21954	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.038	142	14346	0.406	ng/ul	99
8) 1-Methylnaphthalene	12.258	142	14613	0.406	ng/ul	100
10) Acenaphthylene	13.949	152	20636	0.396	ng/ul	100
11) Acenaphthene	14.296	153	16082	0.404	ng/ul	99
12) Fluorene	15.290	166	17885	0.403	ng/ul	98
14) Pentachlorophenol	16.633	266	3297	0.713	ng/ul	99
15) Phenanthrene	17.021	178	29359	0.414	ng/ul	100
16) Anthracene	17.110	178	26452	0.403	ng/ul	100
19) Fluoranthene	19.042	202	31493	0.409	ng/ul	99
20) Pyrene	19.404	202	32733	0.408	ng/ul	98
21) Benzo(a)anthracene	21.157	228	26563	0.418	ng/ul	100
22) Chrysene	21.207	228	27556	0.433	ng/ul	99
24) Benzo(b)fluoranthene	22.703	252	24016	0.448	ng/ul	99
25) Benzo(k)fluoranthene	22.747	252	23895	0.442	ng/ul	99
26) Benzo(a)pyrene	23.258	252	19981	0.433	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.530	276	20256	0.412	ng/ul	99
28) Dibenzo(a,h)anthracene	25.550	278	15638	0.421	ng/ul	98
29) Benzo(g,h,i)perylene	26.188	276	15884	0.411	ng/ul	99

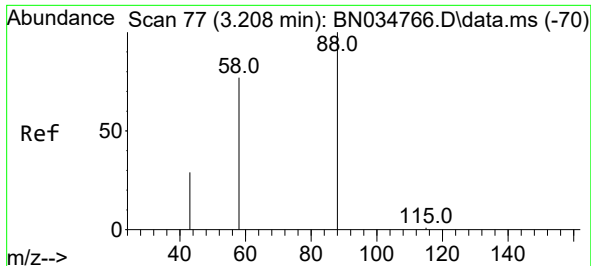
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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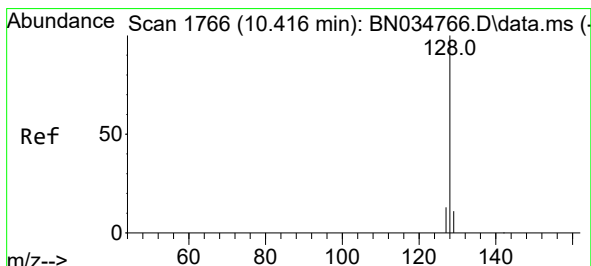
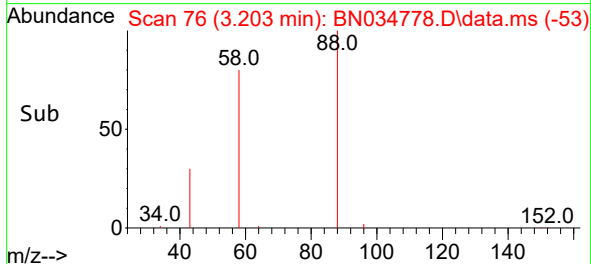
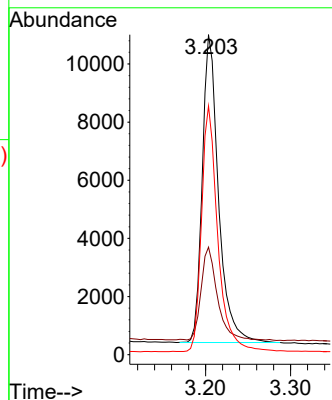
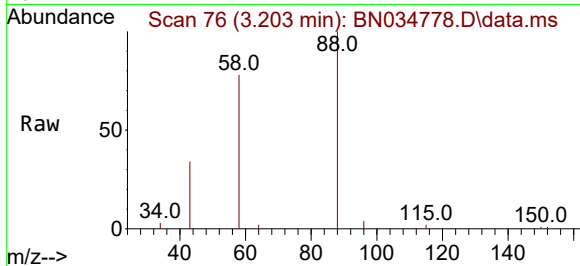




#2
1,4-Dioxane
Concen: 1.822 ng/ul
RT: 3.203 min Scan# 77
Delta R.T. -0.004 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

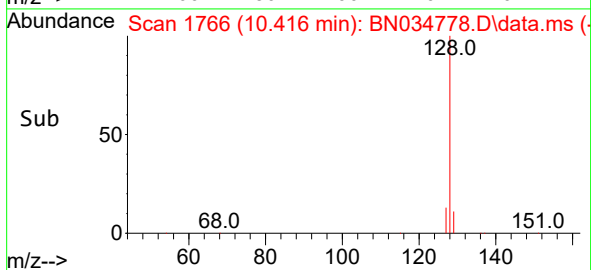
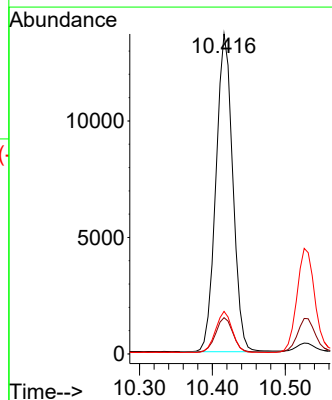
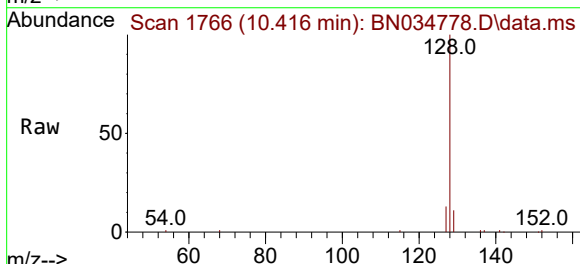
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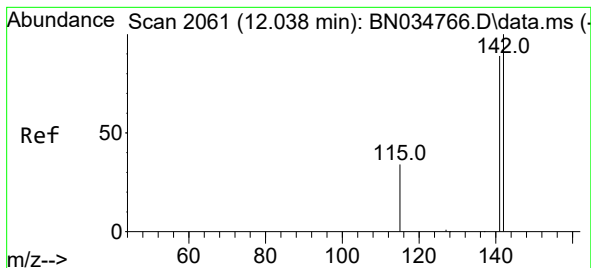
Tgt Ion: 88 Resp: 14067
Ion Ratio Lower Upper
88 100
43 33.6 41.9 62.9#
58 77.7 57.5 86.3



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:128 Resp: 21954
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.5 15.7

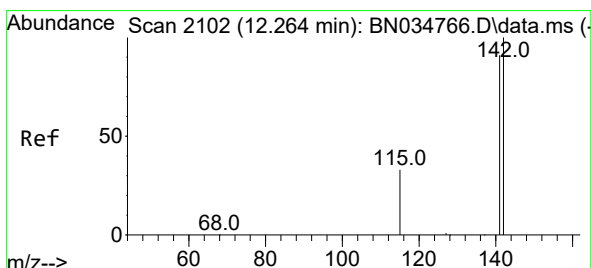
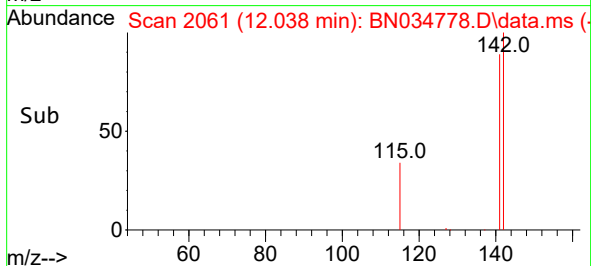
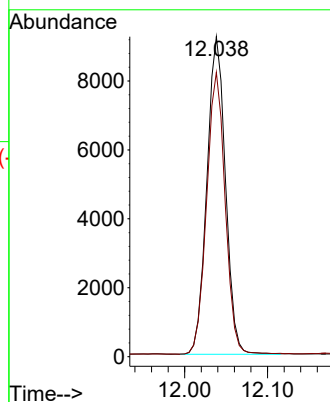
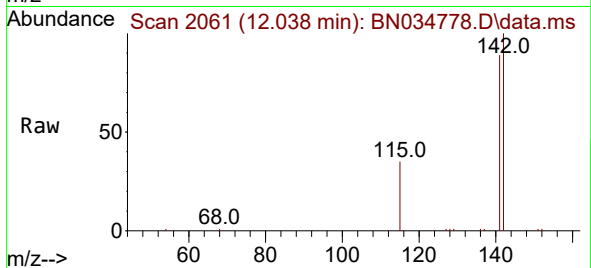




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.038 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

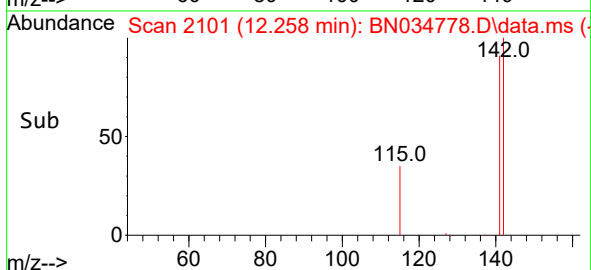
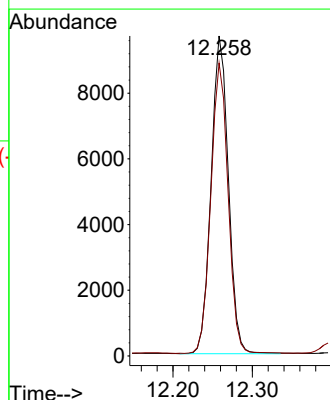
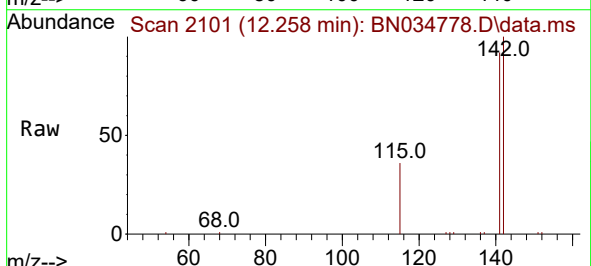
Instrument :
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ClientSampleId :
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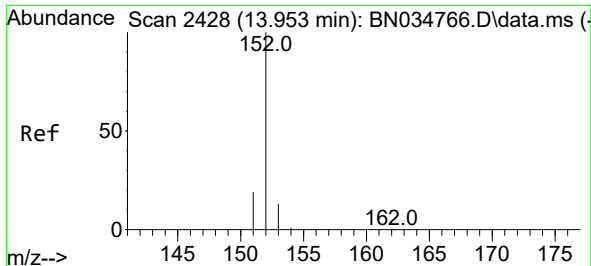
Tgt Ion:142 Resp: 14346
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.258 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:142 Resp: 14613
Ion Ratio Lower Upper
142 100
141 91.6 73.6 110.4

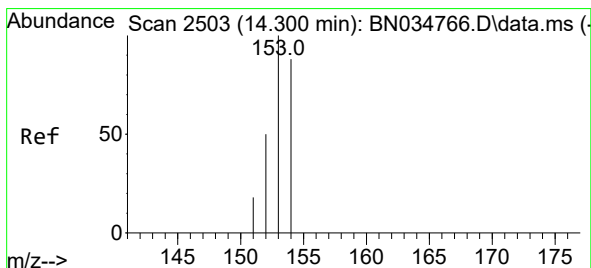
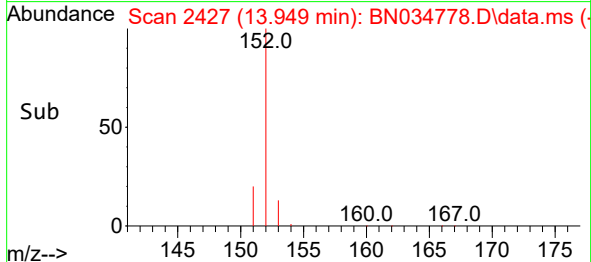
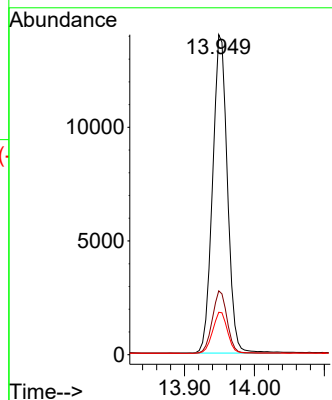
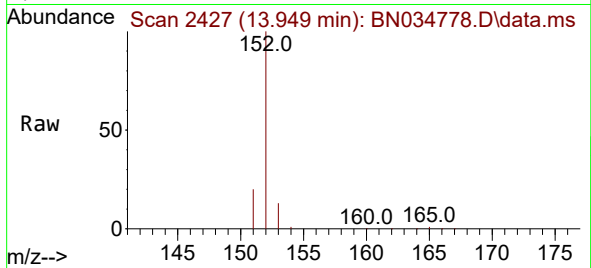




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 13.949 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

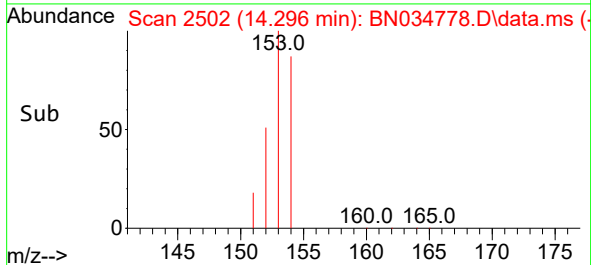
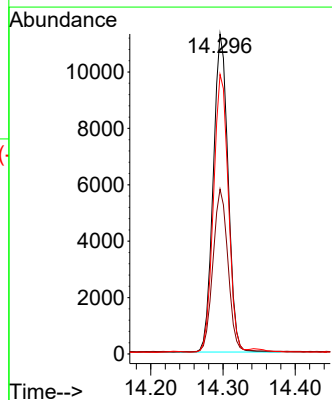
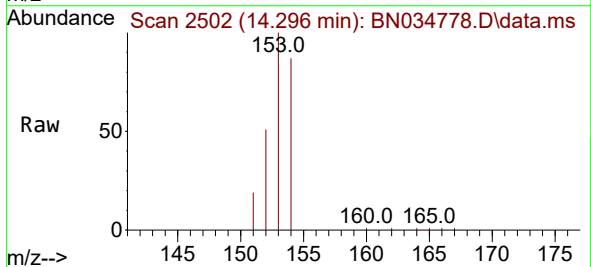
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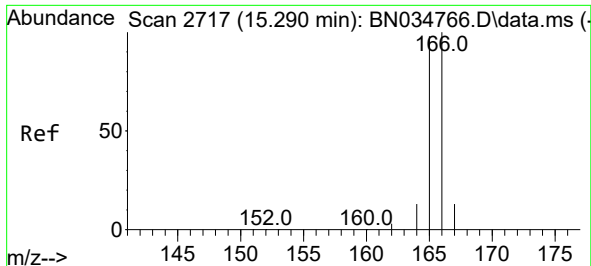
Tgt Ion:152 Resp: 20636
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.7 16.1



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.296 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:153 Resp: 16082
Ion Ratio Lower Upper
153 100
152 51.5 40.3 60.5
154 87.4 69.9 104.9

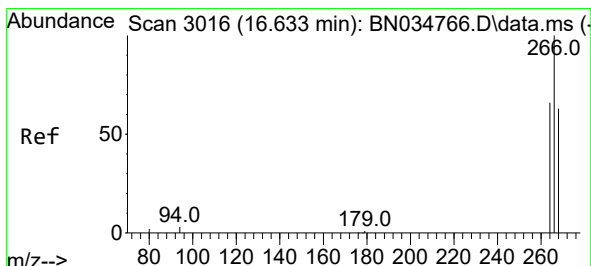
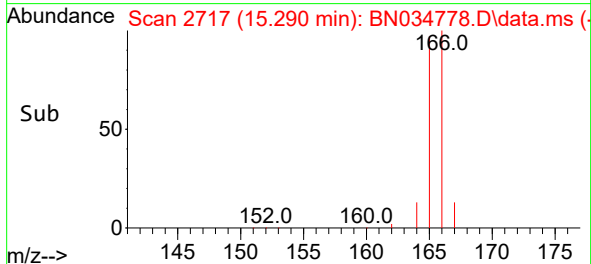
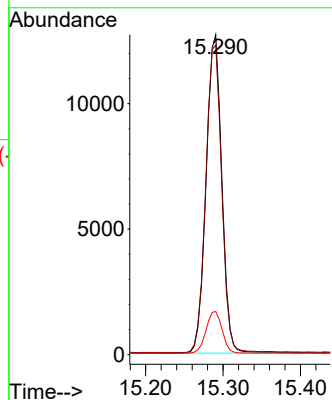
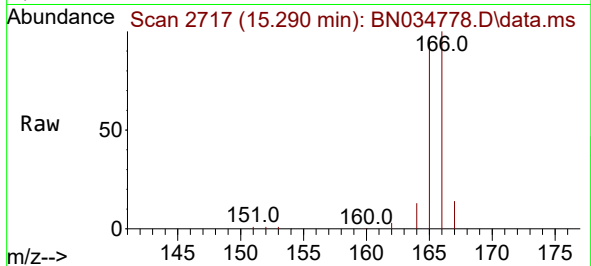




#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.290 min Scan# 2717
Delta R.T. -0.000 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

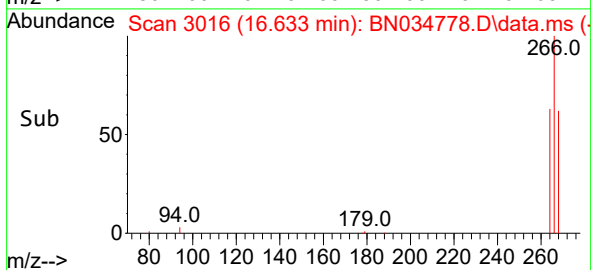
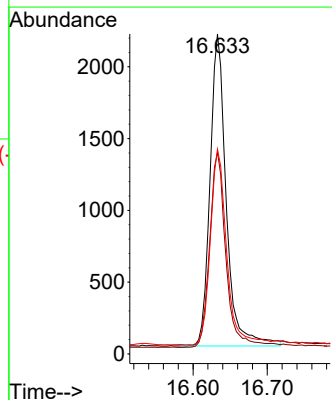
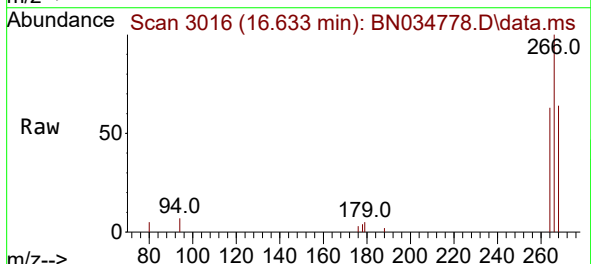
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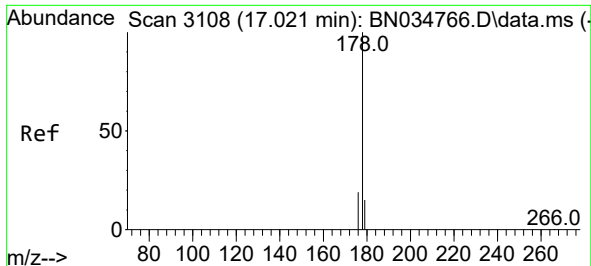
Tgt Ion:166 Resp: 17885
Ion Ratio Lower Upper
166 100
165 96.8 79.1 118.7
167 13.5 11.0 16.4



#14
Pentachlorophenol
Concen: 0.713 ng/ul
RT: 16.633 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:266 Resp: 3297
Ion Ratio Lower Upper
266 100
264 63.0 50.1 75.1
268 63.9 52.0 78.0

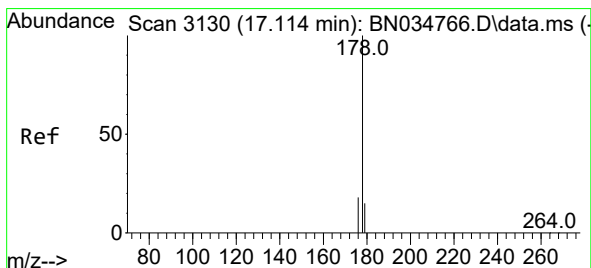
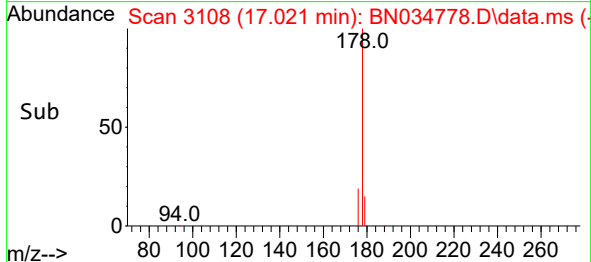
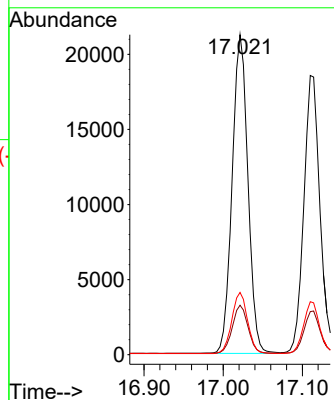
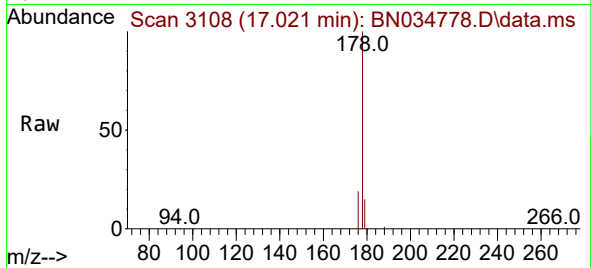




#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.021 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

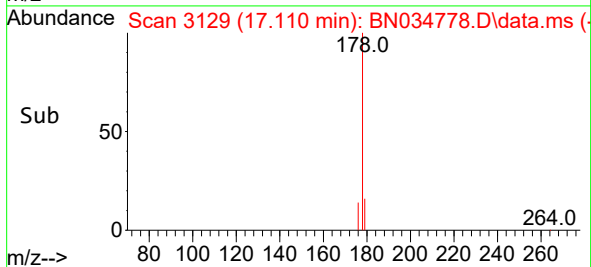
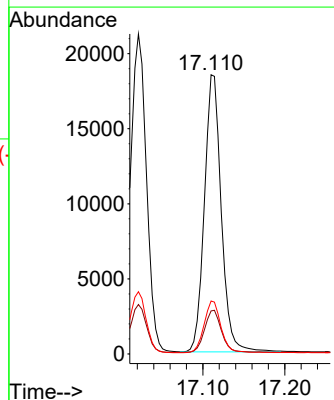
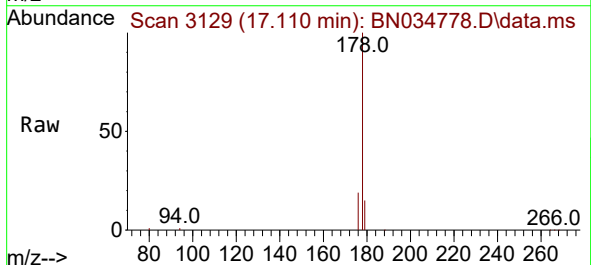
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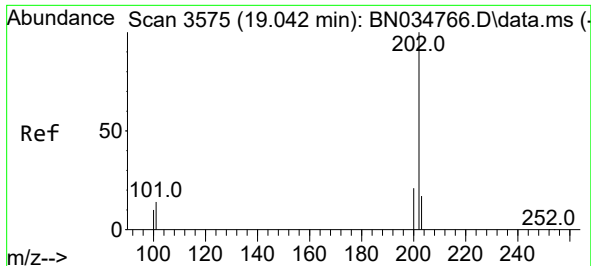
Tgt Ion:178 Resp: 29359
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.4 23.0



#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.110 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:178 Resp: 26452
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.0 15.1 22.7

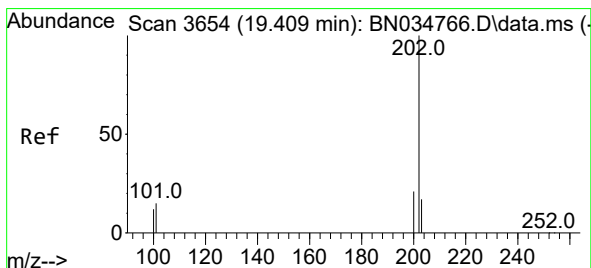
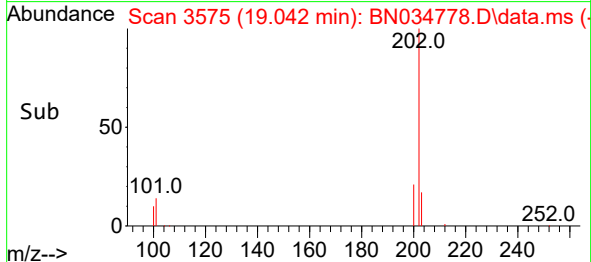
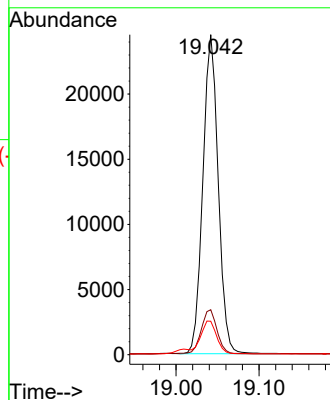
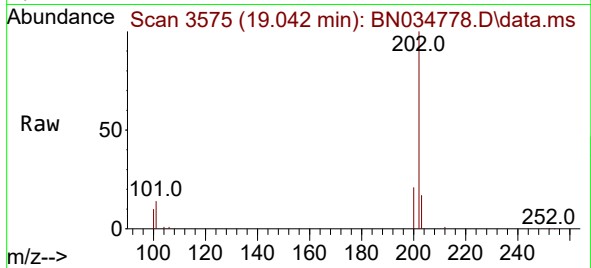




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.042 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

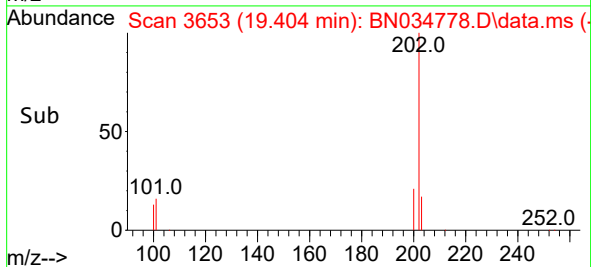
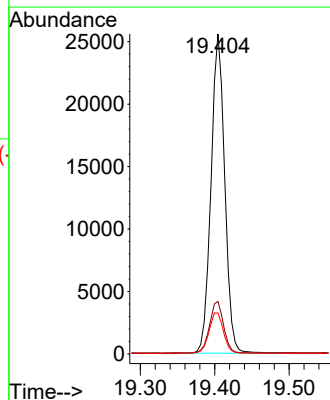
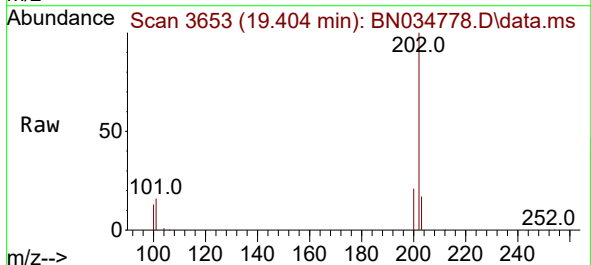
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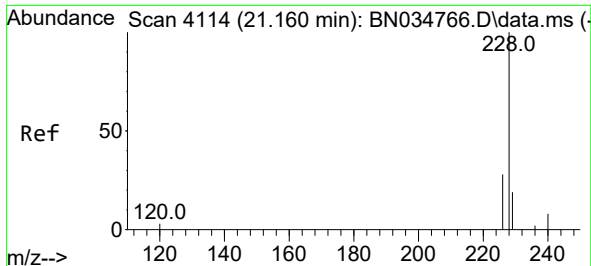
Tgt Ion:202 Resp: 31493
Ion Ratio Lower Upper
202 100
101 14.0 10.8 16.2
100 10.4 8.2 12.2



#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:202 Resp: 32733
Ion Ratio Lower Upper
202 100
101 16.4 12.4 18.6
100 12.8 10.0 15.0

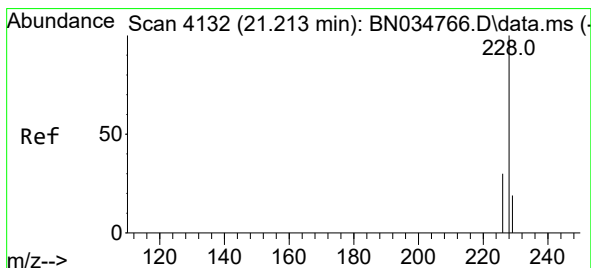
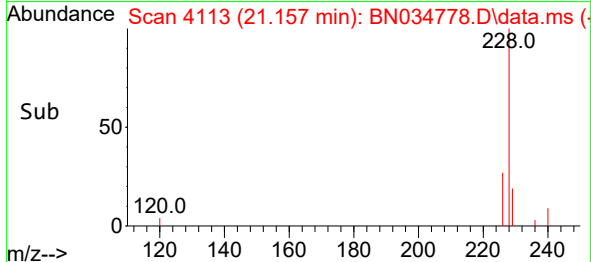
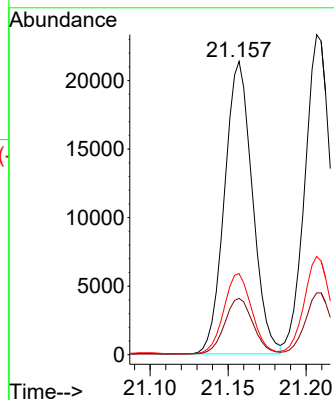
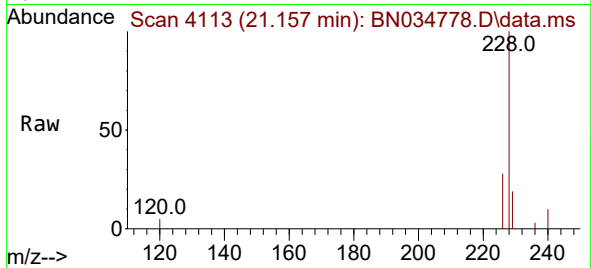




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.157 min Scan# 4113
Delta R.T. -0.003 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

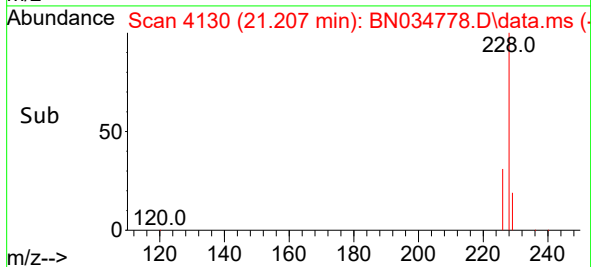
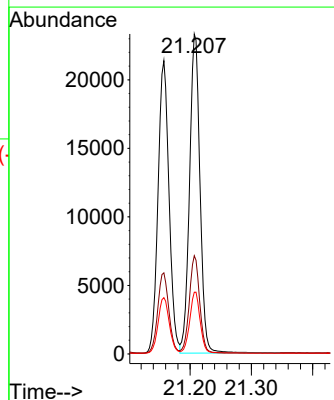
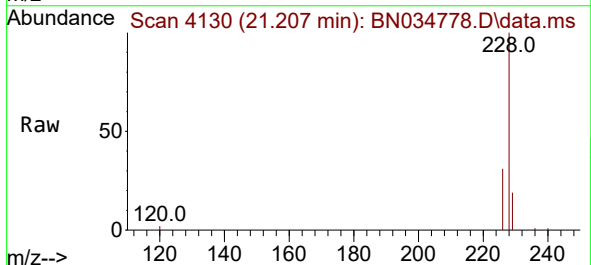
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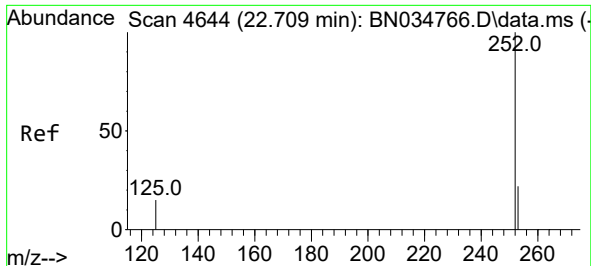
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Ion Ratio Lower Upper
228 100
229 19.2 15.5 23.3
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.207 min Scan# 4130
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

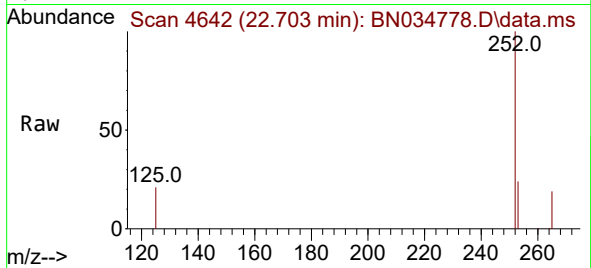
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Ion Ratio Lower Upper
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226 30.7 24.3 36.5
229 19.3 15.6 23.4



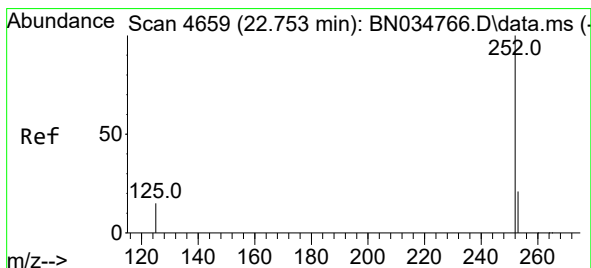
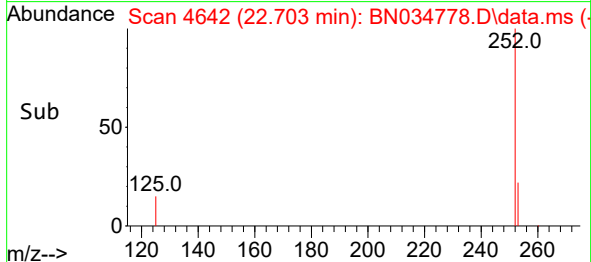
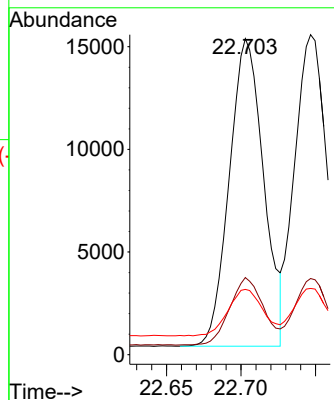


#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

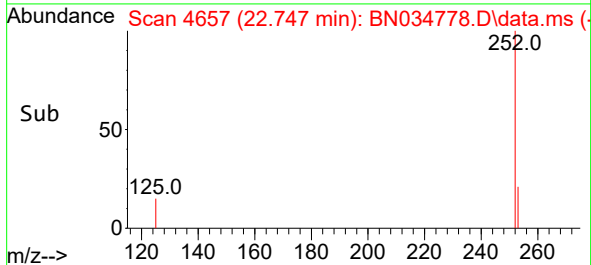
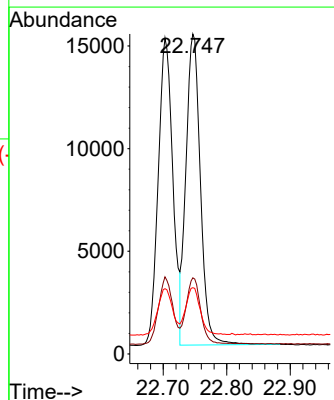
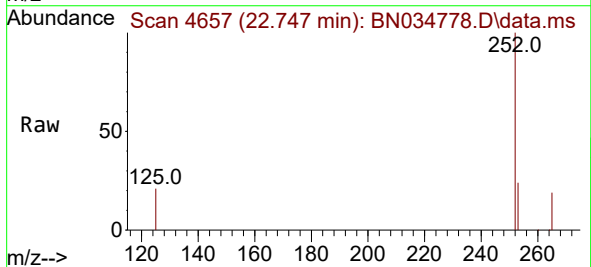


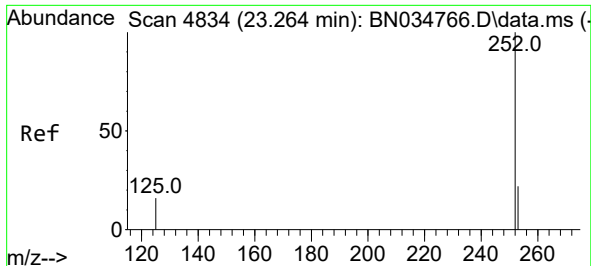
Tgt Ion:252 Resp: 24016
Ion Ratio Lower Upper
252 100
253 24.4 0.0 47.6
125 20.6 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul
RT: 22.747 min Scan# 4657
Delta R.T. -0.003 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:252 Resp: 23895
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 20.7 17.0 25.4

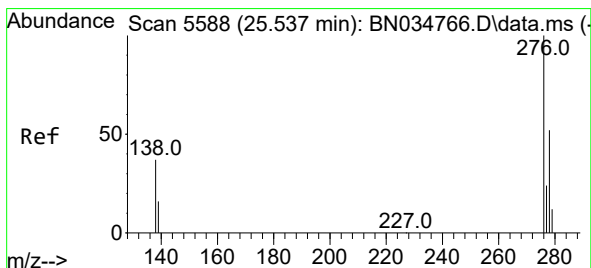
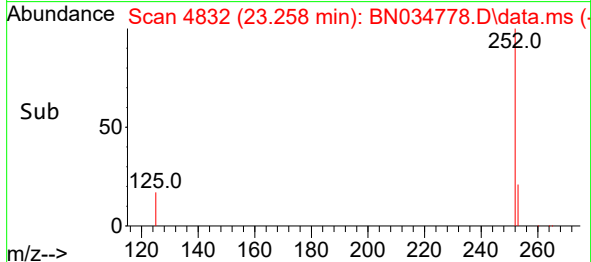
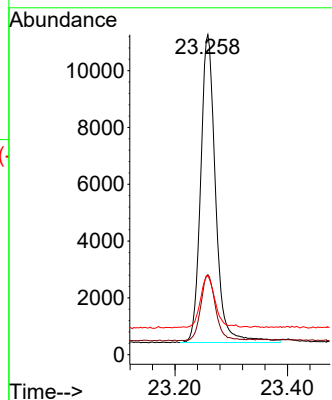
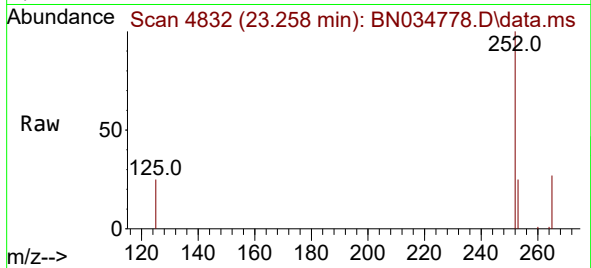




#26
Benzo(a)pyrene
Concen: 0.433 ng/ul
RT: 23.258 min Scan# 4832
Delta R.T. -0.006 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

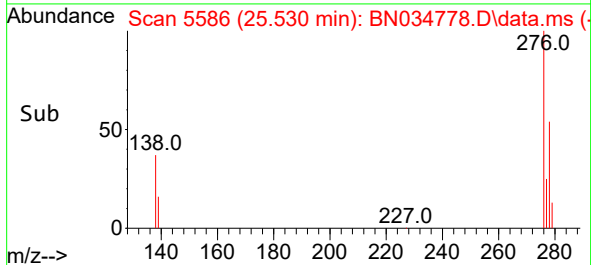
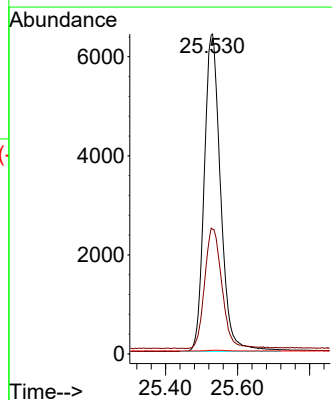
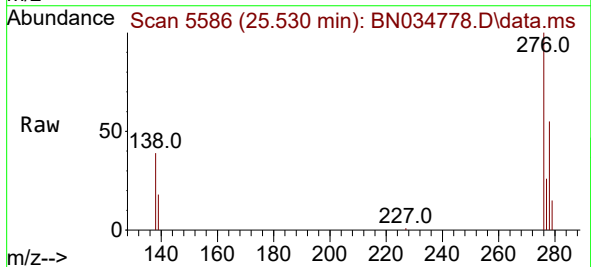
Instrument :
BNA_N
ClientSampleId :
SLCS418

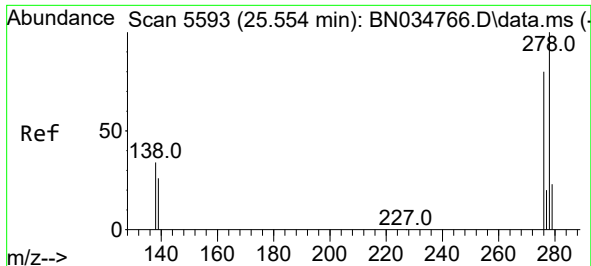
Tgt Ion:	252	Resp:	19981
Ion Ratio	Lower	Upper	
252	100		
253	25.0	20.0	30.0
125	24.5	19.8	29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 25.530 min Scan# 5586
Delta R.T. -0.007 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:	276	Resp:	20256
Ion Ratio	Lower	Upper	
276	100		
138	40.1	31.8	47.6
227	0.3	0.2	0.4

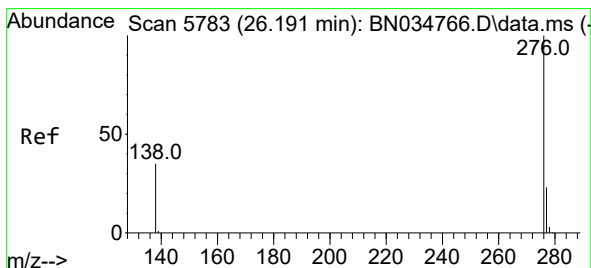
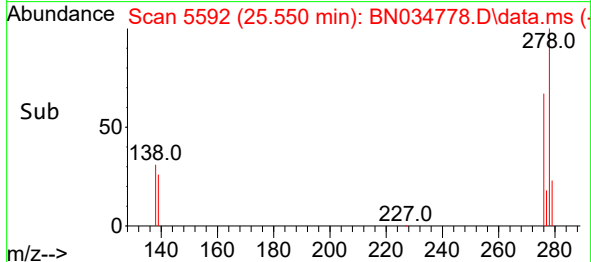
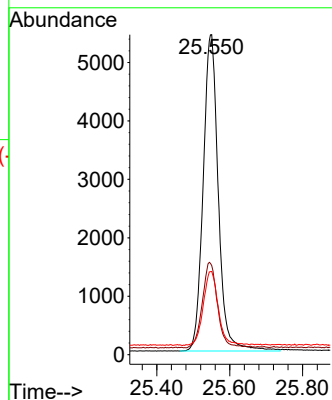
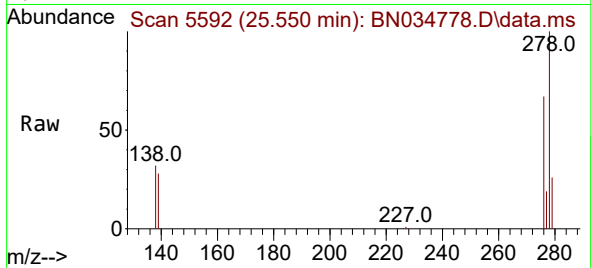




#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 25.550 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Instrument :
BNA_N
ClientSampleId :
SLCS418

Tgt Ion:278 Resp: 15638
Ion Ratio Lower Upper
278 100
139 27.8 23.4 35.2
279 26.0 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.188 min Scan# 5782
Delta R.T. -0.007 min
Lab File: BN034778.D
Acq: 31 Oct 2024 22:30

Tgt Ion:276 Resp: 15884
Ion Ratio Lower Upper
276 100
138 36.4 28.8 43.2
277 24.9 20.2 30.2

