

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034771.D
 Acq On : 31 Oct 2024 18:16
 Operator : RC/JU
 Sample : P4435-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHK68MS

Quant Time: Nov 01 05:02:51 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)

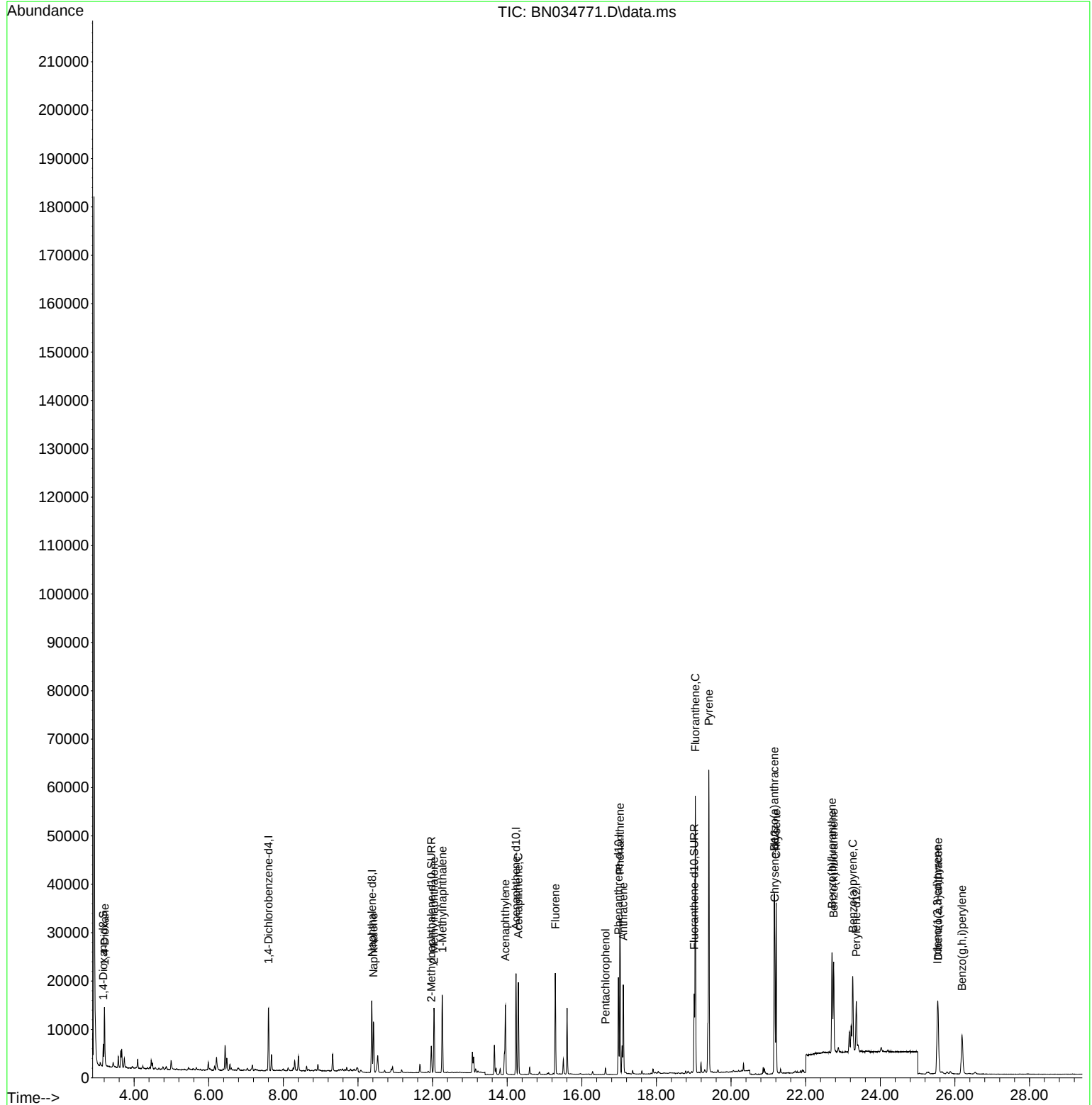
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	6275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.372	136	19479	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	10728	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	21882	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	15486	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	12883	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.174	96	2849	0.439	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	6980	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	16386	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.208	88	7865	1.103	ng/ul#	91
5) Naphthalene	10.416	128	13939	0.270	ng/ul	99
7) 2-Methylnaphthalene	12.038	142	9252	0.276	ng/ul	99
8) 1-Methylnaphthalene	12.264	142	10993	0.322	ng/ul	100
10) Acenaphthylene	13.954	152	15908	0.326	ng/ul	99
11) Acenaphthene	14.301	153	10867	0.291	ng/ul	99
12) Fluorene	15.291	166	12660	0.304	ng/ul	100
14) Pentachlorophenol	16.633	266	847	0.196	ng/ul	99
15) Phenanthrene	17.021	178	33705	0.510	ng/ul	99
16) Anthracene	17.110	178	19485	0.318	ng/ul	99
19) Fluoranthene	19.042	202	45016	0.599	ng/ul	98
20) Pyrene	19.405	202	47501	0.607	ng/ul	97
21) Benzo(a)anthracene	21.158	228	28066	0.453	ng/ul	98
22) Chrysene	21.210	228	29073	0.468	ng/ul	99
24) Benzo(b)fluoranthene	22.706	252	26216	0.500	ng/ul	99
25) Benzo(k)fluoranthene	22.750	252	21754	0.411	ng/ul	97
26) Benzo(a)pyrene	23.262	252	20707	0.459	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.531	276	18674	0.388	ng/ul	97
28) Dibenzo(a,h)anthracene	25.548	278	12730	0.350	ng/ul	99
29) Benzo(g,h,i)perylene	26.192	276	15471	0.410	ng/ul	99

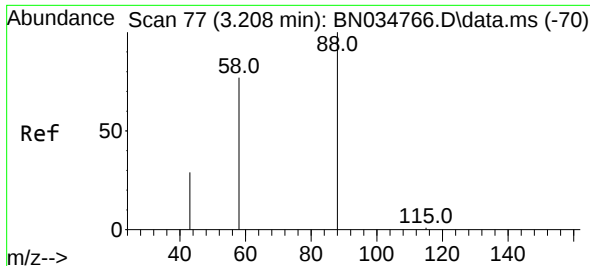
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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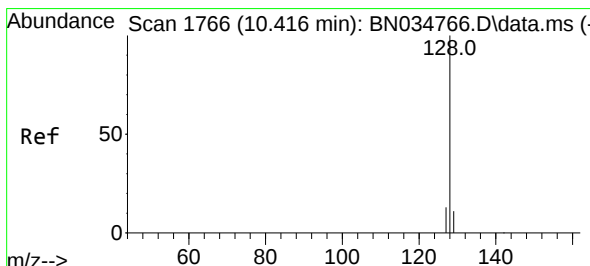
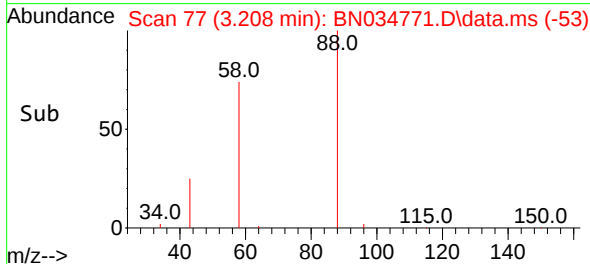
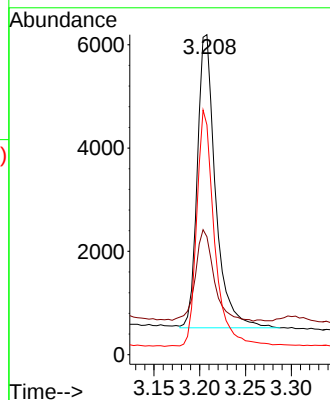
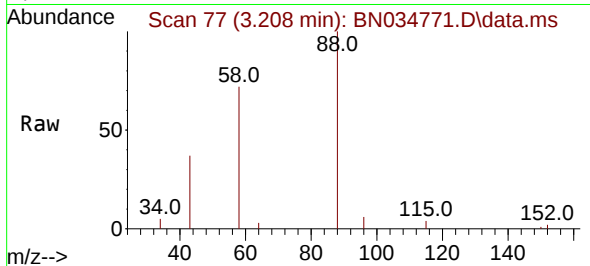




#2
1,4-Dioxane
Concen: 1.103 ng/ul
RT: 3.208 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

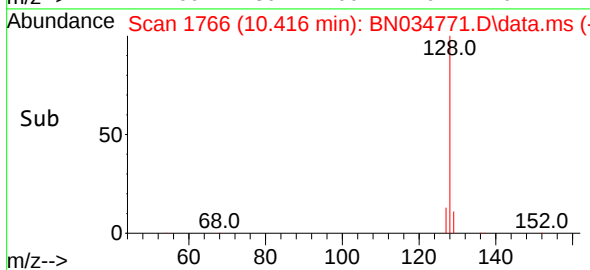
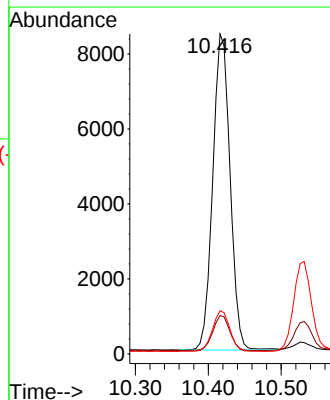
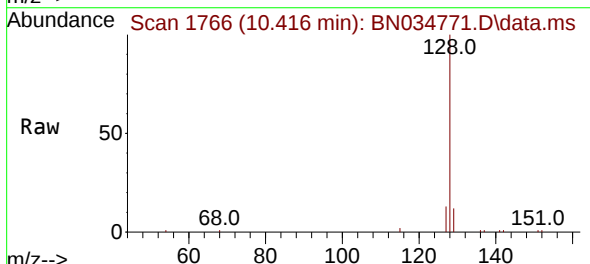
Instrument :
BNA_N
ClientSampleId :
BHK68MS

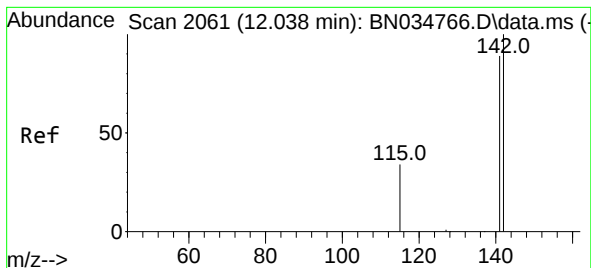
Tgt Ion: 88 Resp: 7865
Ion Ratio Lower Upper
88 100
43 36.9 41.9 62.9#
58 71.8 57.5 86.3



#5
Naphthalene
Concen: 0.270 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

Tgt Ion:128 Resp: 13939
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.5 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.276 ng/ul

RT: 12.038 min Scan# 2061

Delta R.T. -0.005 min

Lab File: BN034771.D

Acq: 31 Oct 2024 18:16

Instrument :

BNA_N

ClientSampleId :

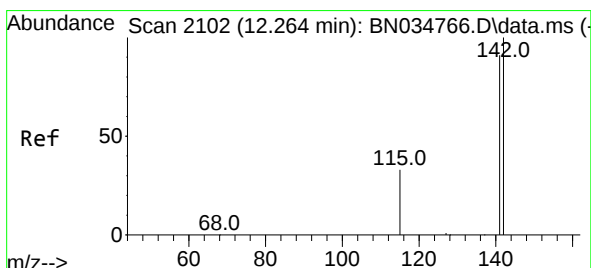
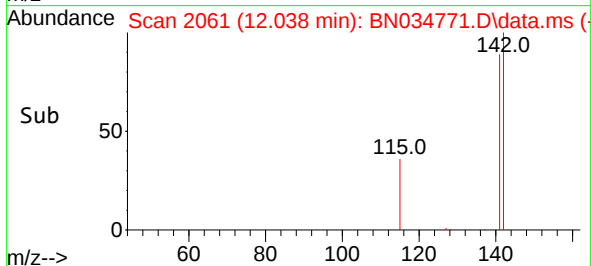
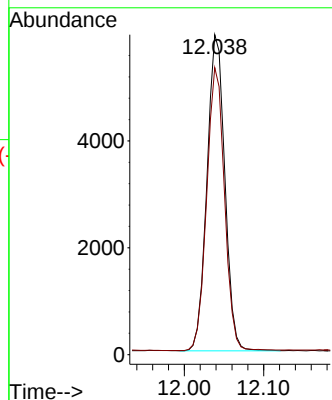
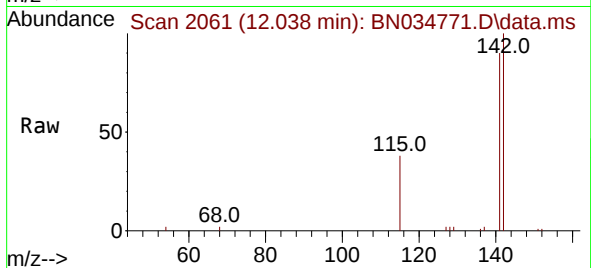
BHK68MS

Tgt Ion:142 Resp: 9252

Ion Ratio Lower Upper

142 100

141 89.4 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.322 ng/ul

RT: 12.264 min Scan# 2102

Delta R.T. 0.000 min

Lab File: BN034771.D

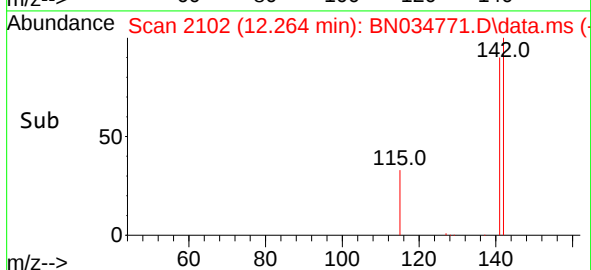
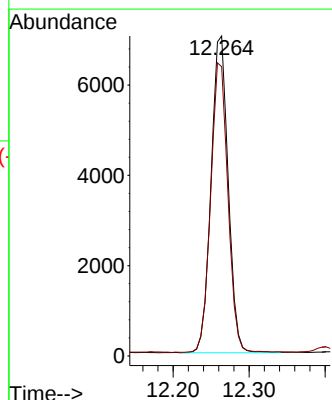
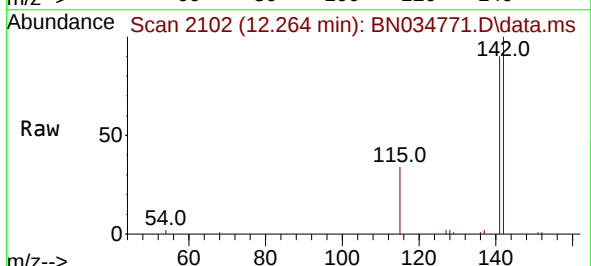
Acq: 31 Oct 2024 18:16

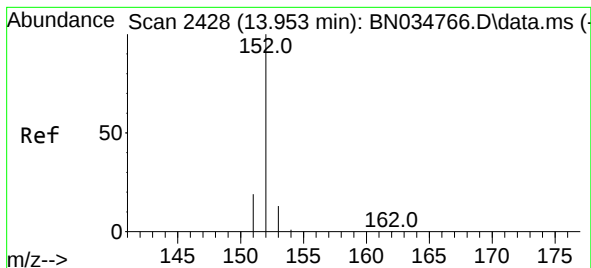
Tgt Ion:142 Resp: 10993

Ion Ratio Lower Upper

142 100

141 92.1 73.6 110.4





#10

Acenaphthylene

Concen: 0.326 ng/u1

RT: 13.954 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BN034771.D

Acq: 31 Oct 2024 18:16

Instrument :

BNA_N

ClientSampleId :

BHK68MS

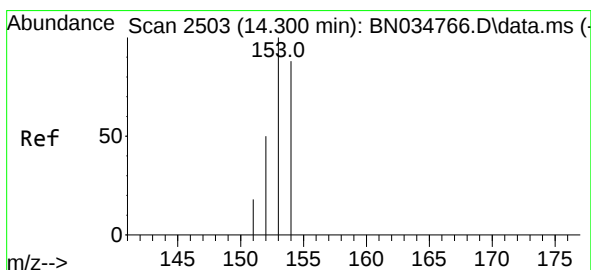
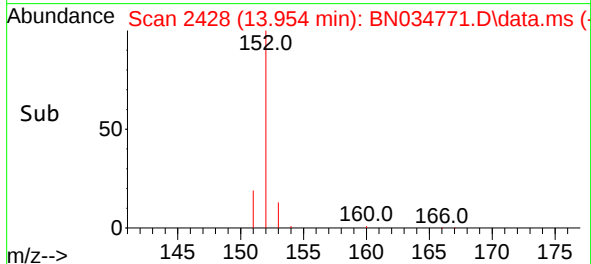
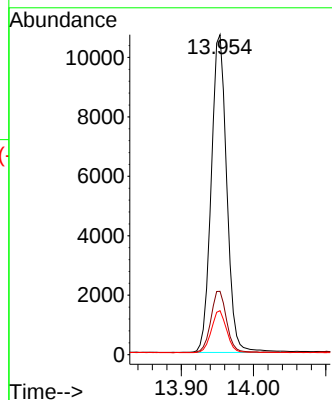
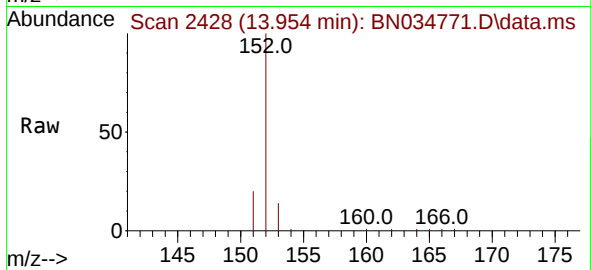
Tgt Ion:152 Resp: 15908

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.7 10.7 16.1



#11

Acenaphthene

Concen: 0.291 ng/u1

RT: 14.301 min Scan# 2503

Delta R.T. 0.000 min

Lab File: BN034771.D

Acq: 31 Oct 2024 18:16

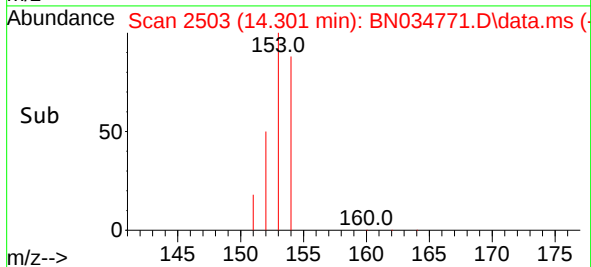
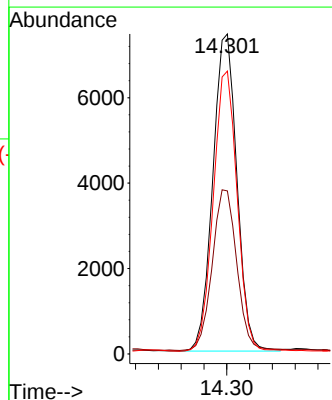
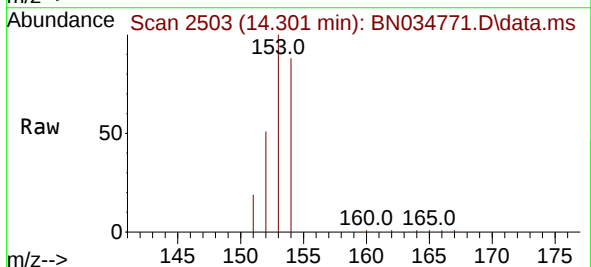
Tgt Ion:153 Resp: 10867

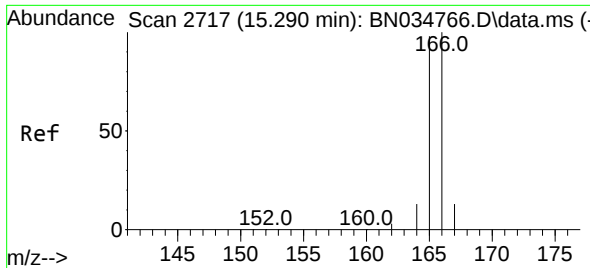
Ion Ratio Lower Upper

153 100

152 51.0 40.3 60.5

154 88.4 69.9 104.9

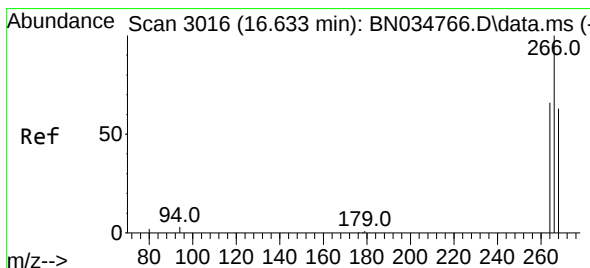
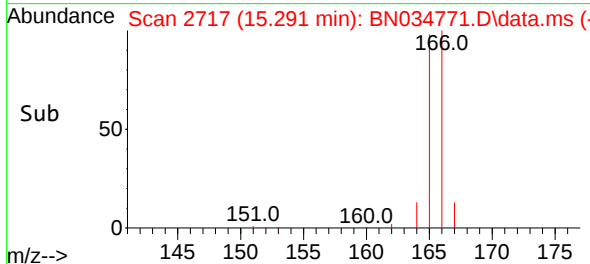
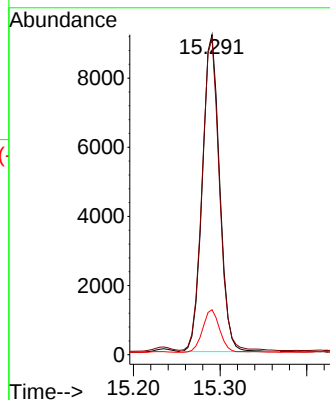
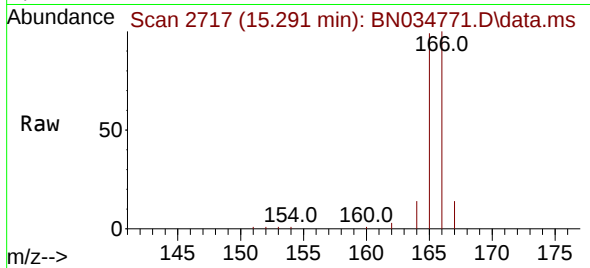




#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

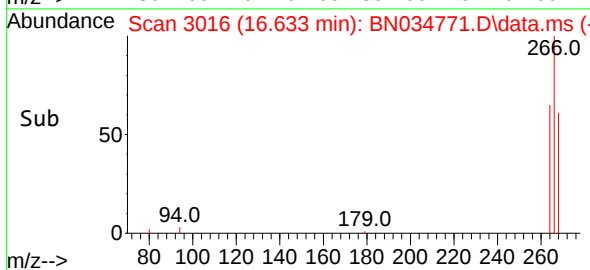
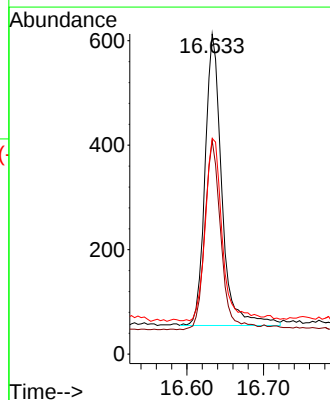
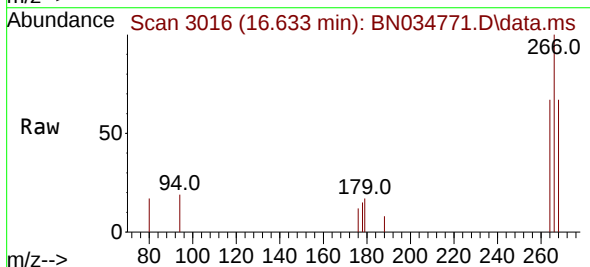
Instrument :
BNA_N
ClientSampleId :
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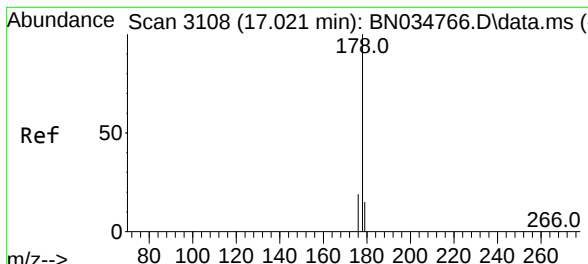
Tgt Ion:166 Resp: 12660
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 14.1 11.0 16.4



#14
Pentachlorophenol
Concen: 0.196 ng/ul
RT: 16.633 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

Tgt Ion:266 Resp: 847
Ion Ratio Lower Upper
266 100
264 62.3 50.1 75.1
268 63.2 52.0 78.0

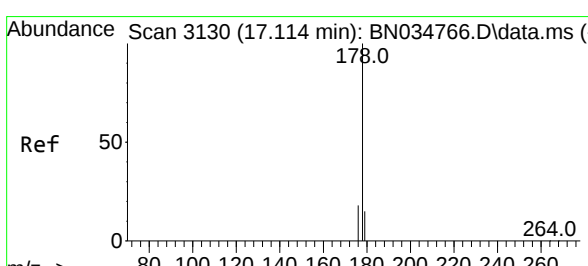
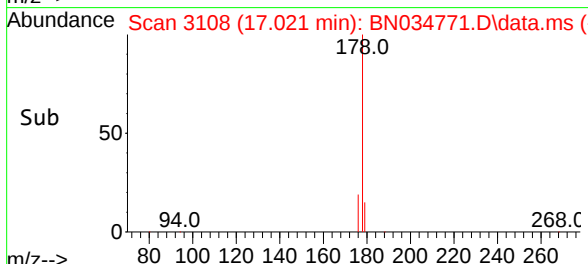
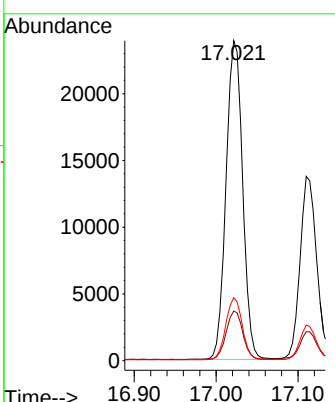
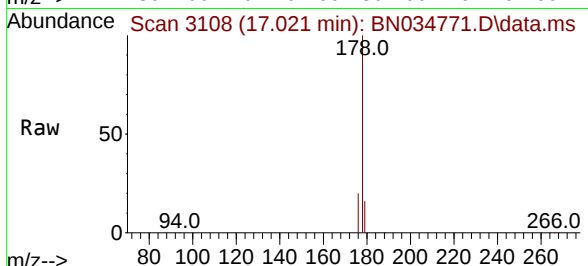




#15
 Phenanthrene
 Concen: 0.510 ng/ul
 RT: 17.021 min Scan# 3108
 Delta R.T. -0.004 min
 Lab File: BN034771.D
 Acq: 31 Oct 2024 18:16

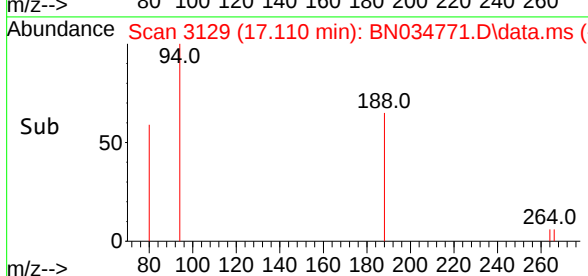
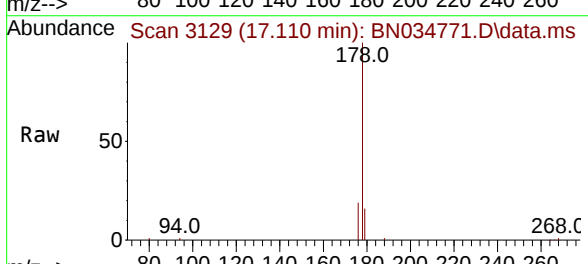
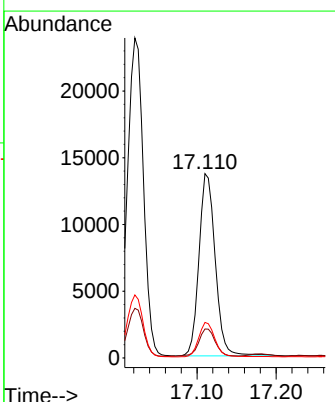
Instrument :
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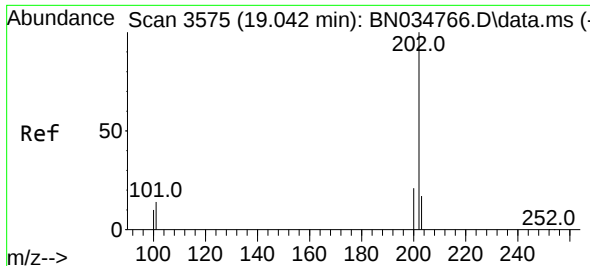
Tgt Ion:	178	Resp:	33705
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	19.7	15.4	23.0



#16
 Anthracene
 Concen: 0.318 ng/ul
 RT: 17.110 min Scan# 3129
 Delta R.T. -0.004 min
 Lab File: BN034771.D
 Acq: 31 Oct 2024 18:16

Tgt Ion:	178	Resp:	19485
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.2	15.1	22.7

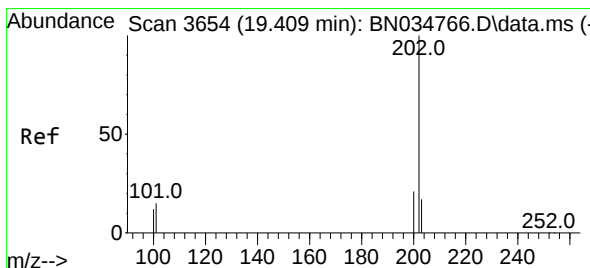
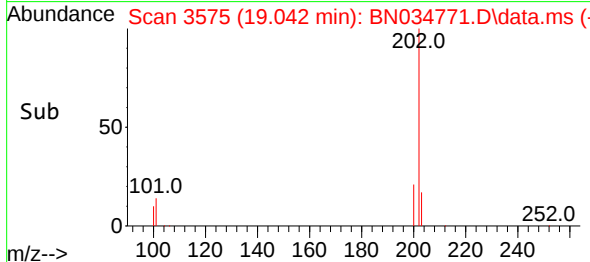
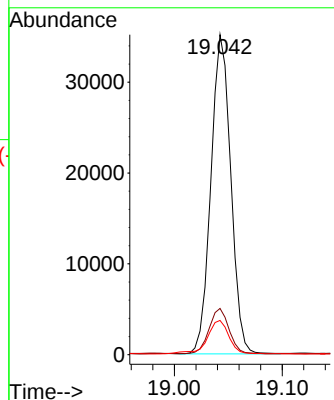
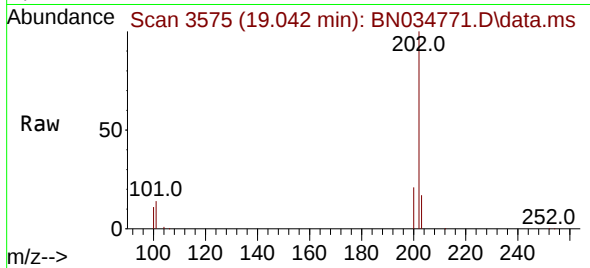




#19
Fluoranthene
Concen: 0.599 ng/ul
RT: 19.042 min Scan# 3575
Delta R.T. -0.004 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

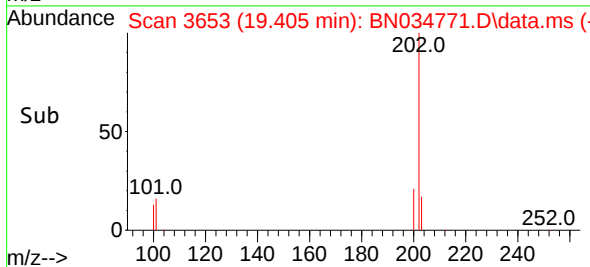
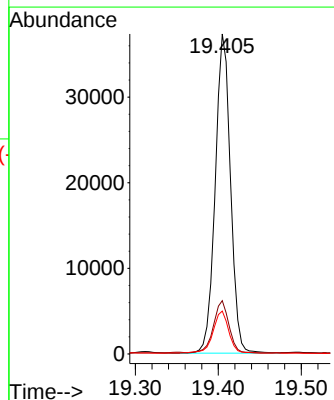
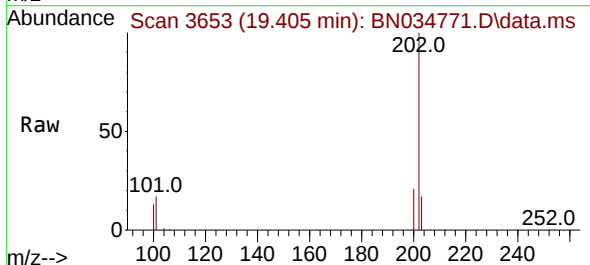
Instrument :
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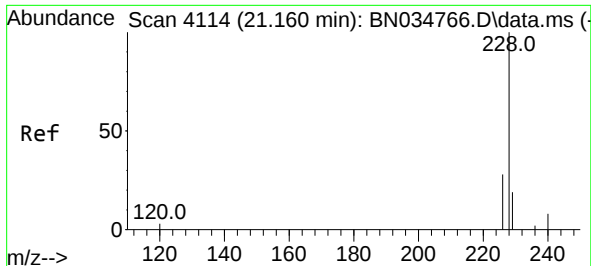
Tgt Ion:202 Resp: 45016
Ion Ratio Lower Upper
202 100
101 14.4 10.8 16.2
100 10.7 8.2 12.2



#20
Pyrene
Concen: 0.607 ng/ul
RT: 19.405 min Scan# 3653
Delta R.T. -0.004 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

Tgt Ion:202 Resp: 47501
Ion Ratio Lower Upper
202 100
101 16.7 12.4 18.6
100 13.4 10.0 15.0

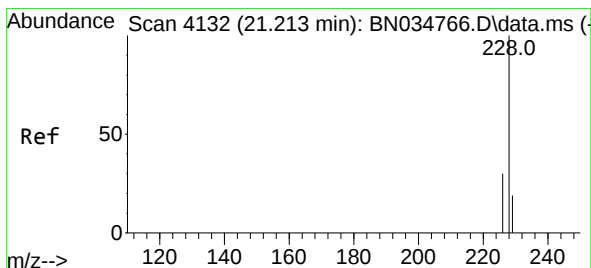
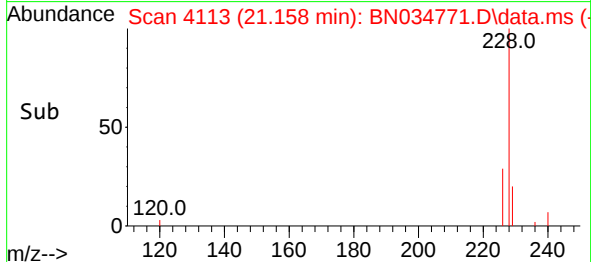
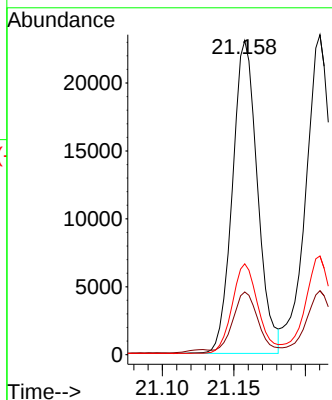
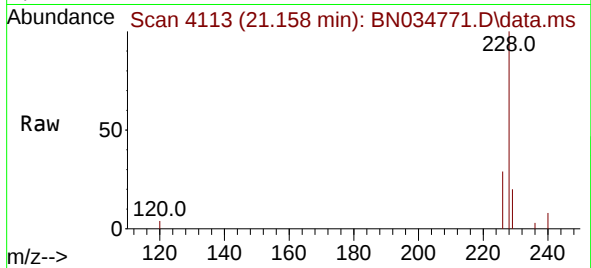




#21
Benzo(a)anthracene
Concen: 0.453 ng/ul
RT: 21.158 min Scan# 4113
Delta R.T. -0.002 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

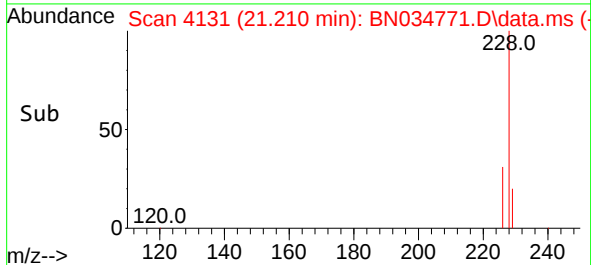
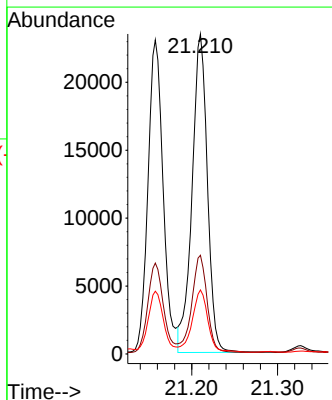
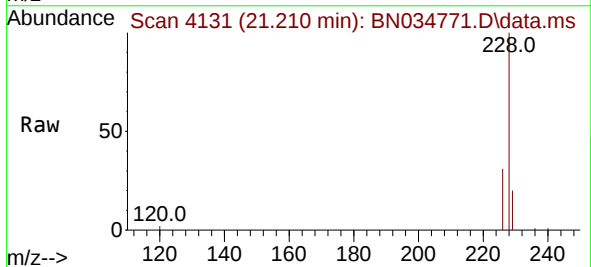
Instrument :
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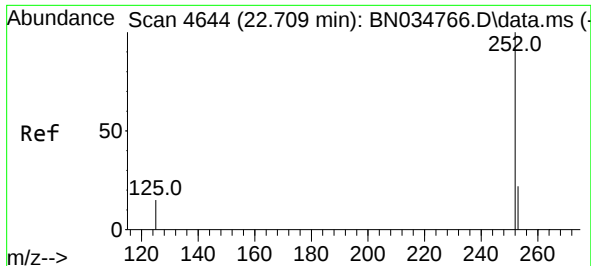
Tgt Ion:228 Resp: 28066
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 28.9 22.1 33.1



#22
Chrysene
Concen: 0.468 ng/ul
RT: 21.210 min Scan# 4131
Delta R.T. -0.002 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

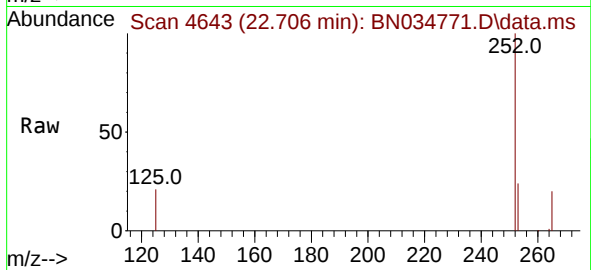
Tgt Ion:228 Resp: 29073
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 20.0 15.6 23.4



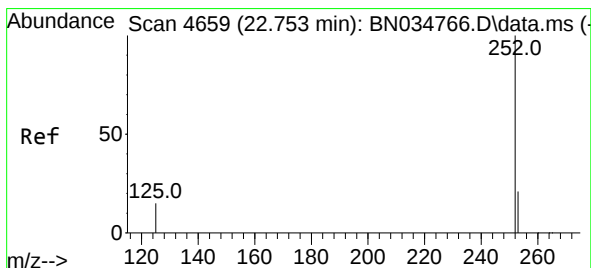
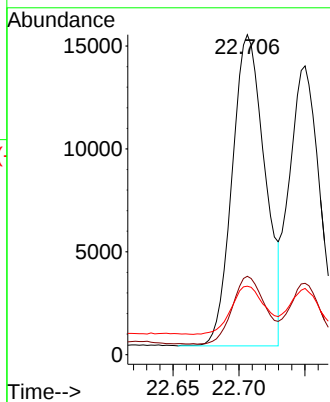
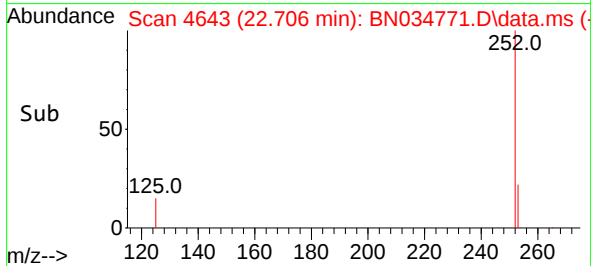


#24
Benzo(b)fluoranthene
Concen: 0.500 ng/ul
RT: 22.706 min Scan# 4643
Delta R.T. -0.002 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

Instrument :
BNA_N
ClientSampleId :
BHK68MS

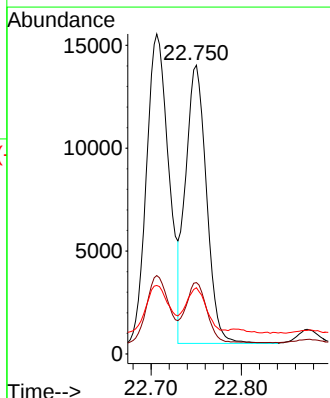
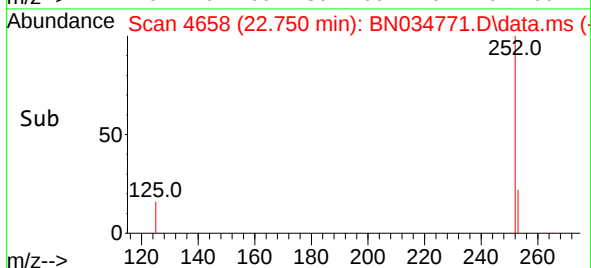
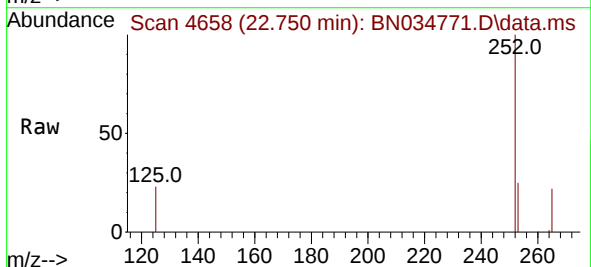


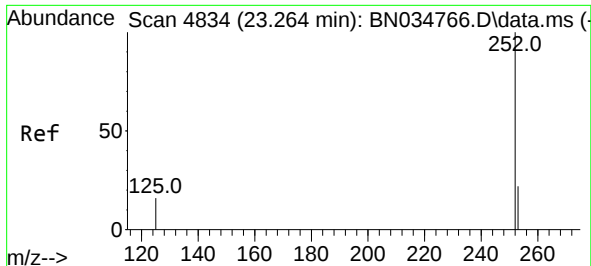
Tgt Ion:252 Resp: 26216
Ion Ratio Lower Upper
252 100
253 24.5 0.0 47.6
125 21.4 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.411 ng/ul
RT: 22.750 min Scan# 4658
Delta R.T. 0.000 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

Tgt Ion:252 Resp: 21754
Ion Ratio Lower Upper
252 100
253 24.7 19.1 28.7
125 22.9 17.0 25.4

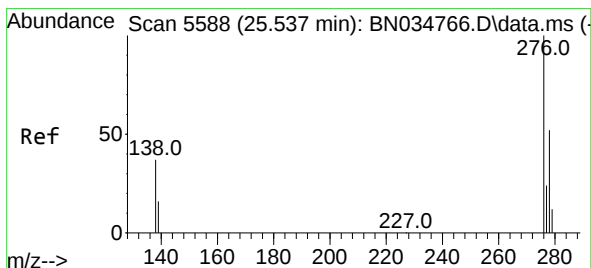
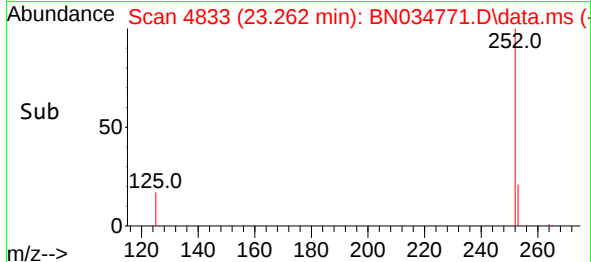
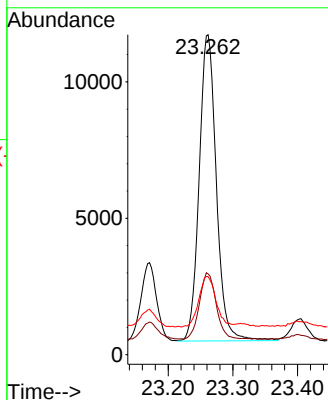
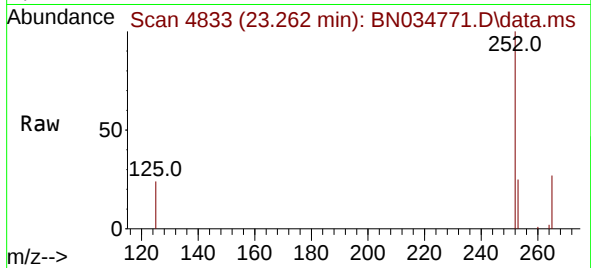




#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 23.262 min Scan# 4833
Delta R.T. -0.002 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

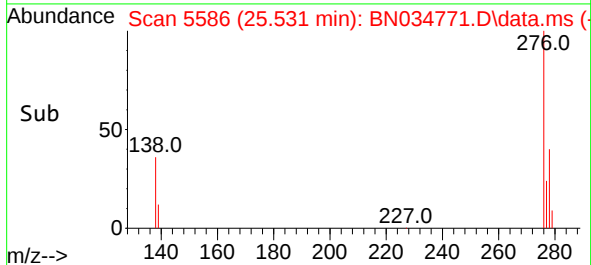
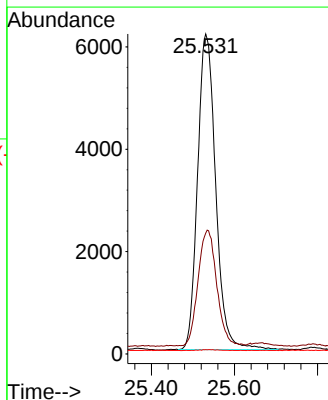
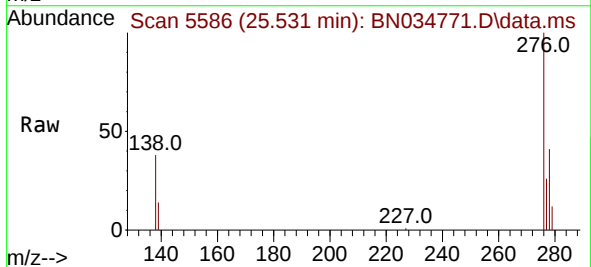
Instrument :
BNA_N
ClientSampleId :
BHK68MS

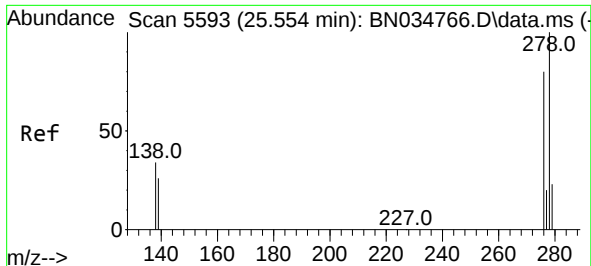
Tgt Ion:	252	Resp:	20707
Ion Ratio	Lower	Upper	
252	100		
253	25.2	20.0	30.0
125	24.4	19.8	29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.531 min Scan# 5586
Delta R.T. -0.006 min
Lab File: BN034771.D
Acq: 31 Oct 2024 18:16

Tgt Ion:	276	Resp:	18674
Ion Ratio	Lower	Upper	
276	100		
138	37.6	31.8	47.6
227	0.3	0.2	0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.350 ng/ul

RT: 25.548 min Scan# 51

Delta R.T. -0.006 min

Lab File: BN034771.D

Acq: 31 Oct 2024 18:16

Instrument :

BNA_N

ClientSampleId :

BHK68MS

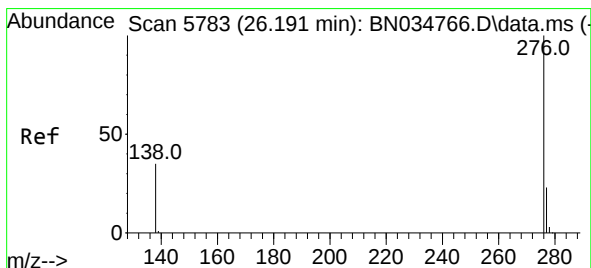
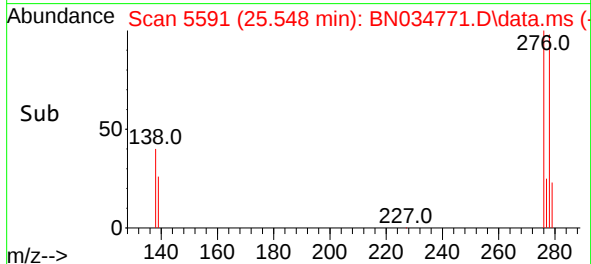
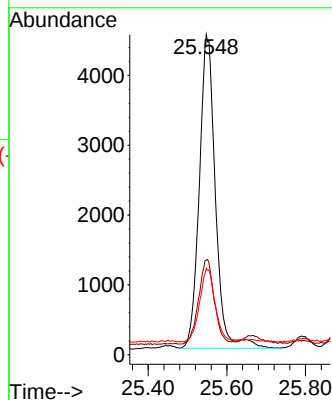
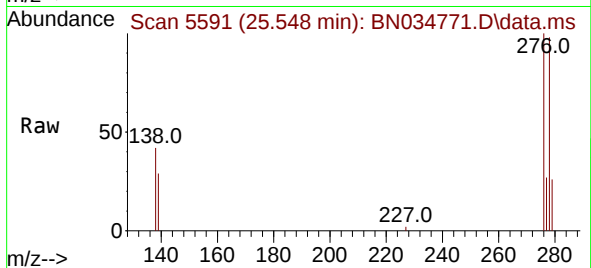
Tgt Ion:278 Resp: 12730

Ion Ratio Lower Upper

278 100

139 29.6 23.4 35.2

279 27.0 20.6 31.0



#29

Benzo(g,h,i)perylene

Concen: 0.410 ng/ul

RT: 26.192 min Scan# 5783

Delta R.T. -0.003 min

Lab File: BN034771.D

Acq: 31 Oct 2024 18:16

Tgt Ion:276 Resp: 15471

Ion Ratio Lower Upper

276 100

138 36.7 28.8 43.2

277 25.0 20.2 30.2

