

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034832.D
 Acq On : 02 Nov 2024 08:14
 Operator : RC/JU
 Sample : PB164515BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS515

Quant Time: Nov 03 23:30:21 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)

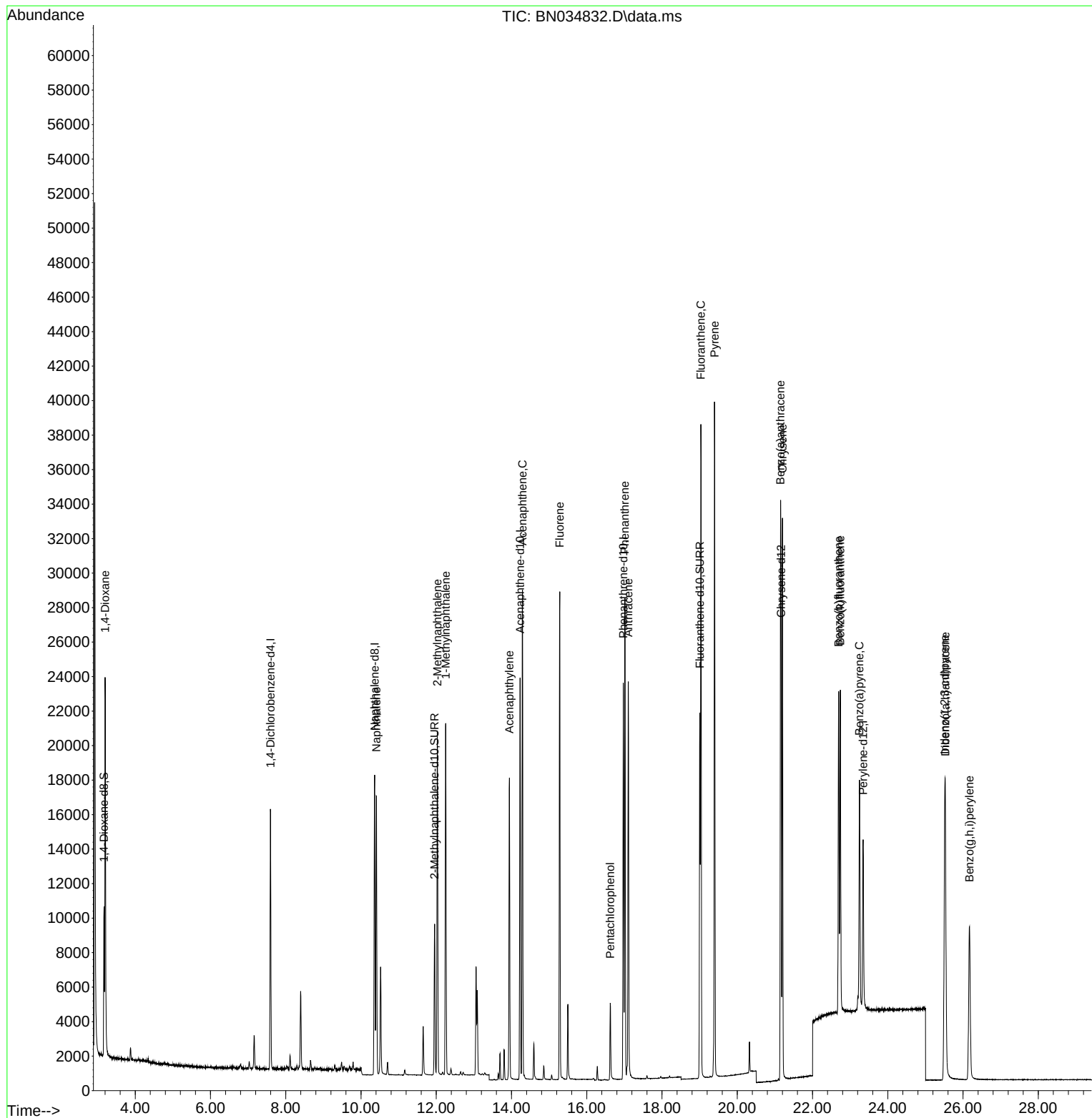
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	7433	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	22320	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.226	164	12102	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	24827	0.400	ng/ul	-0.01
17) Chrysene-d12	21.166	240	16299	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	12902	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	5491	0.714	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	10981	0.392	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	20859	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	13756	1.629	ng/ul#	84
5) Naphthalene	10.411	128	21823	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.027	142	14058	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	14303	0.365	ng/ul	100
10) Acenaphthylene	13.944	152	19675	0.357	ng/ul	100
11) Acenaphthene	14.291	153	15549	0.369	ng/ul	99
12) Fluorene	15.281	166	17264	0.368	ng/ul	100
14) Pentachlorophenol	16.625	266	2957	0.604	ng/ul	99
15) Phenanthrene	17.013	178	28328	0.377	ng/ul	100
16) Anthracene	17.106	178	25411	0.366	ng/ul	100
19) Fluoranthene	19.033	202	30262	0.383	ng/ul	96
20) Pyrene	19.395	202	31101	0.378	ng/ul	95
21) Benzo(a)anthracene	21.148	228	24921	0.382	ng/ul	100
22) Chrysene	21.201	228	26061	0.399	ng/ul	100
24) Benzo(b)fluoranthene	22.694	252	21596	0.411	ng/ul	99
25) Benzo(k)fluoranthene	22.738	252	22101	0.417	ng/ul	100
26) Benzo(a)pyrene	23.247	252	17684	0.391	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.514	276	20400	0.424	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.530	278	15754	0.433	ng/ul	100
29) Benzo(g,h,i)perylene	26.171	276	16493	0.436	ng/ul	98

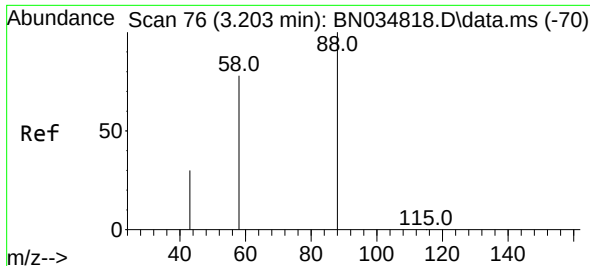
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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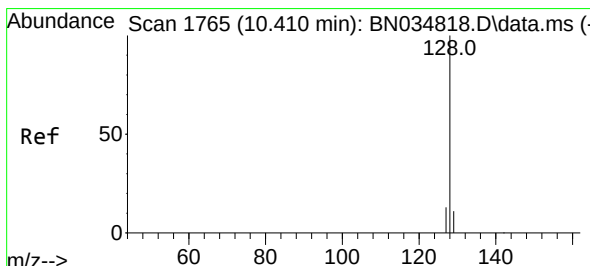
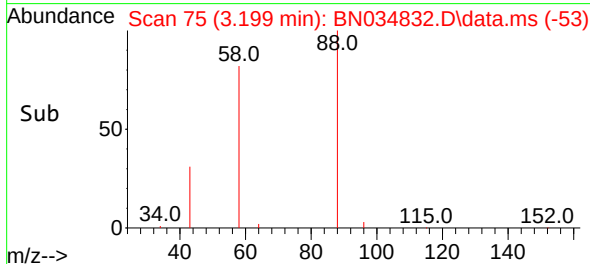
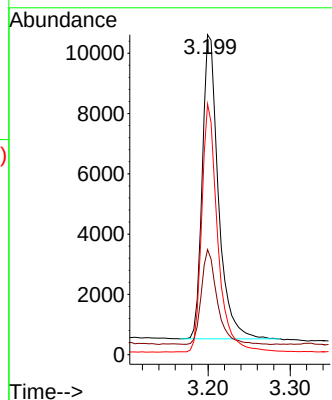
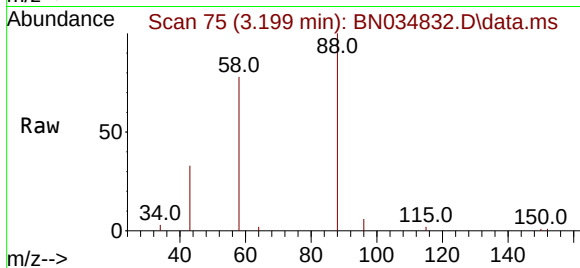




#2
 1,4-Dioxane
 Concen: 1.629 ng/ul
 RT: 3.199 min Scan# 76
 Delta R.T. -0.008 min
 Lab File: BN034832.D
 Acq: 02 Nov 2024 08:14

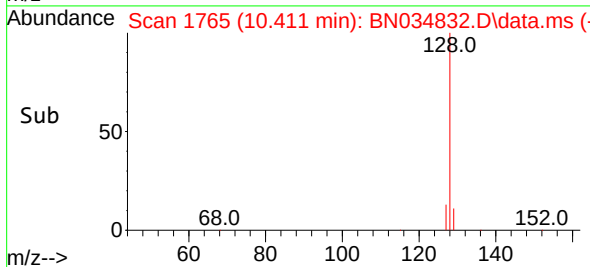
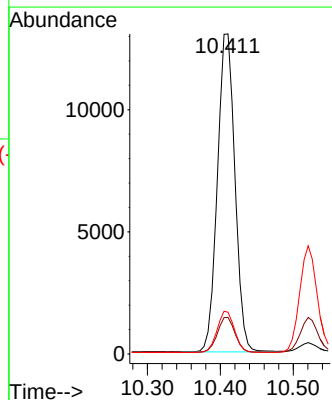
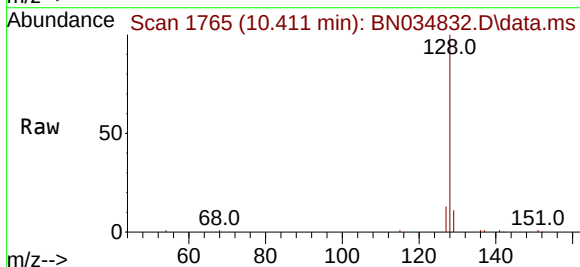
Instrument :
 BNA_N
 ClientSampleId :
 SLCS515

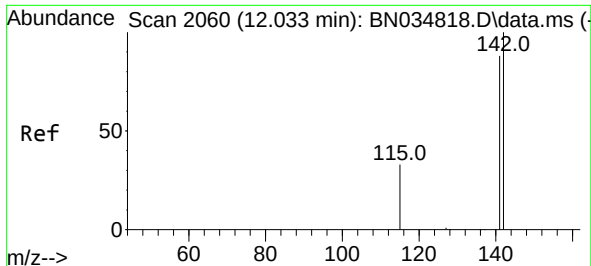
Tgt Ion: 88 Resp: 13756
 Ion Ratio Lower Upper
 88 100
 43 32.9 41.9 62.9#
 58 78.4 57.5 86.3



#5
 Naphthalene
 Concen: 0.369 ng/ul
 RT: 10.411 min Scan# 1765
 Delta R.T. -0.011 min
 Lab File: BN034832.D
 Acq: 02 Nov 2024 08:14

Tgt Ion: 128 Resp: 21823
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.1 13.7
 127 13.1 10.5 15.7

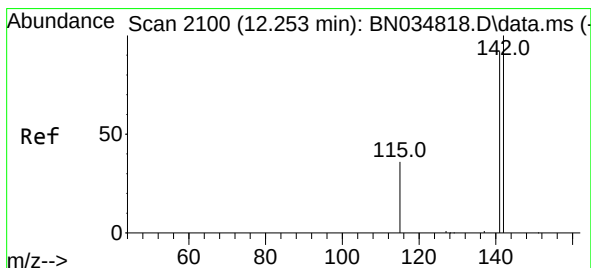
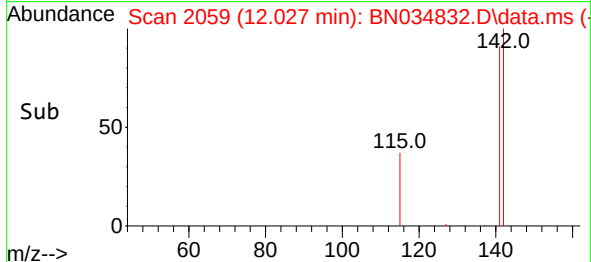
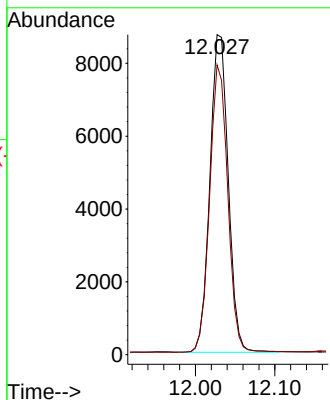
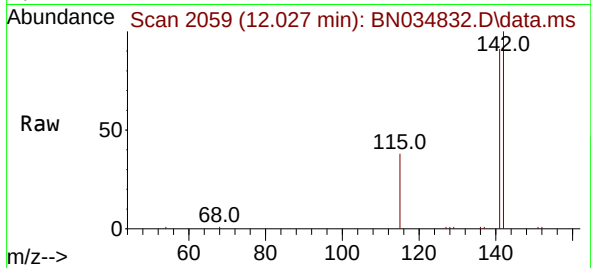




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.027 min Scan# 2060
Delta R.T. -0.016 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

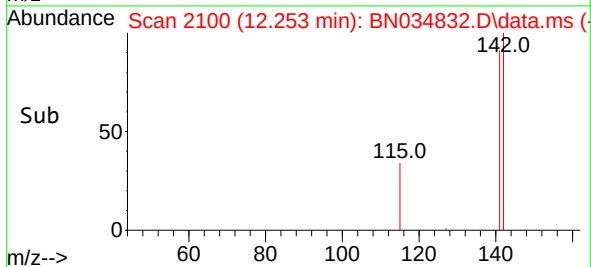
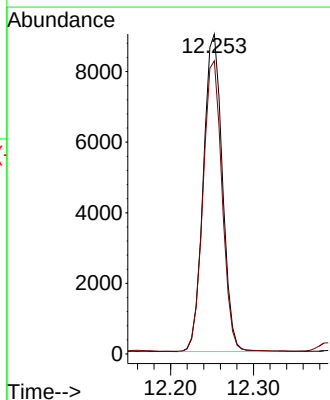
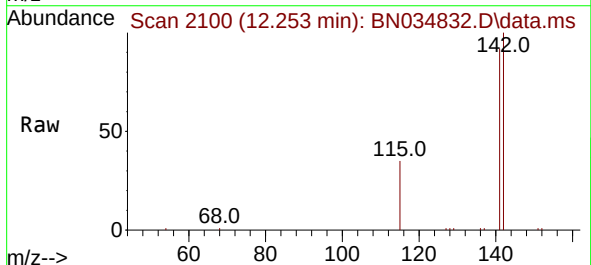
Instrument :
BNA_N
ClientSampleId :
SLCS515

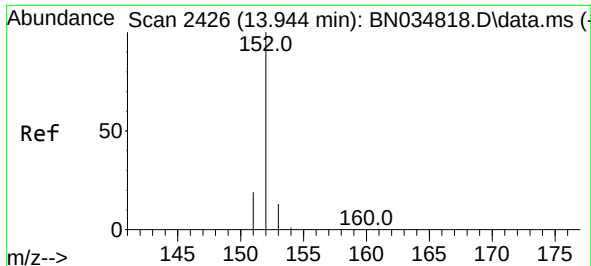
Tgt Ion:142 Resp: 14058
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

Tgt Ion:142 Resp: 14303
Ion Ratio Lower Upper
142 100
141 91.6 73.6 110.4

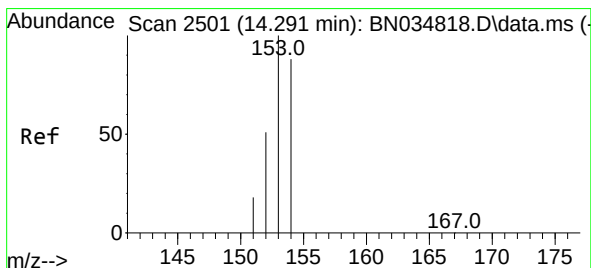
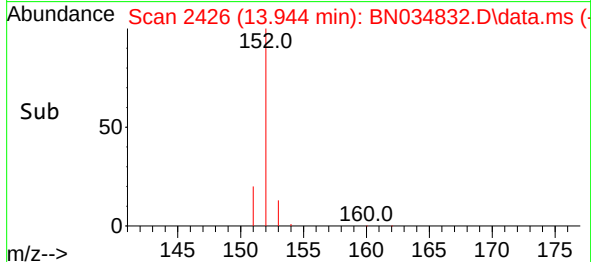
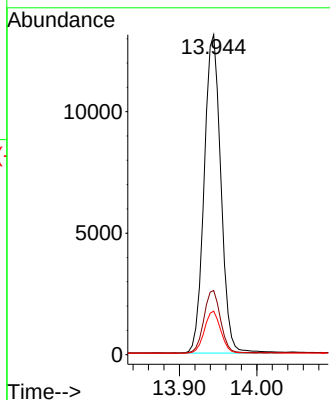
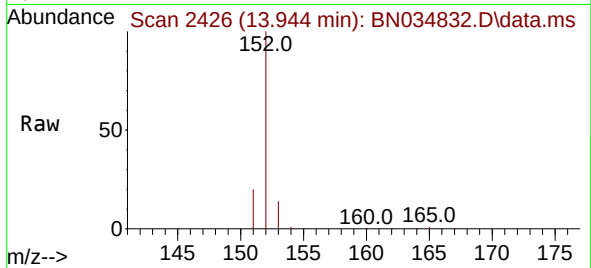




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 13.944 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

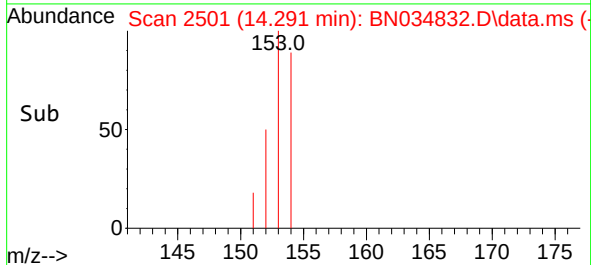
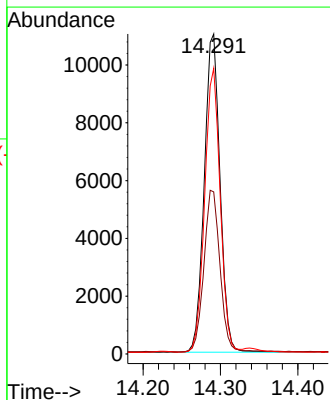
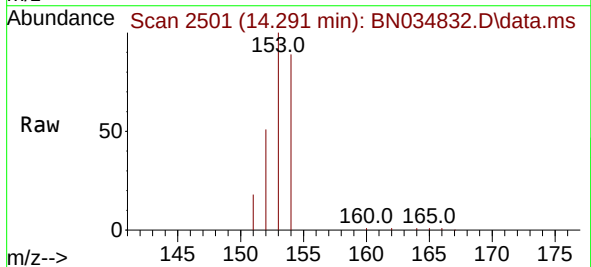
Instrument :
BNA_N
ClientSampleId :
SLCS515

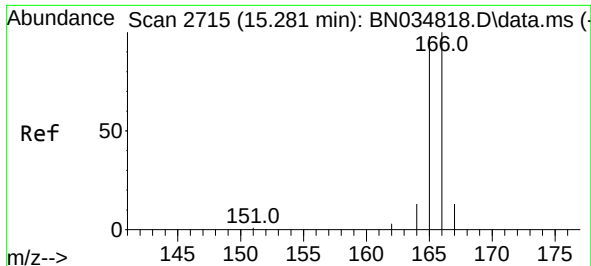
Tgt Ion:152 Resp: 19675
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.6 10.7 16.1



#11
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

Tgt Ion:153 Resp: 15549
Ion Ratio Lower Upper
153 100
152 50.7 40.3 60.5
154 89.2 69.9 104.9

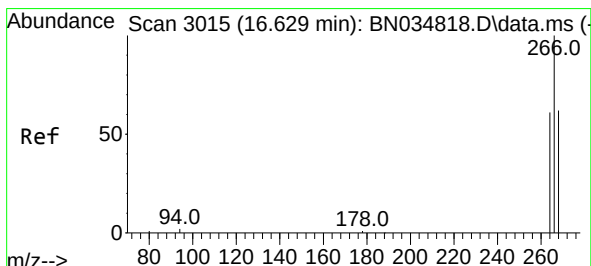
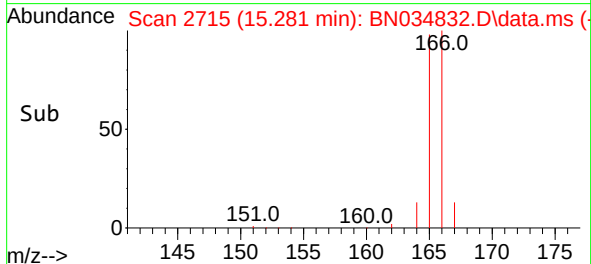
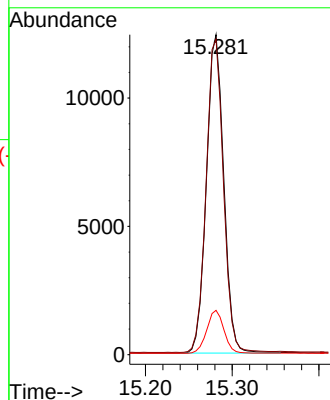
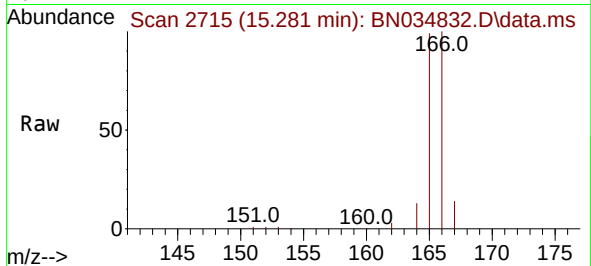




#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.281 min Scan# 2715
Delta R.T. -0.009 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

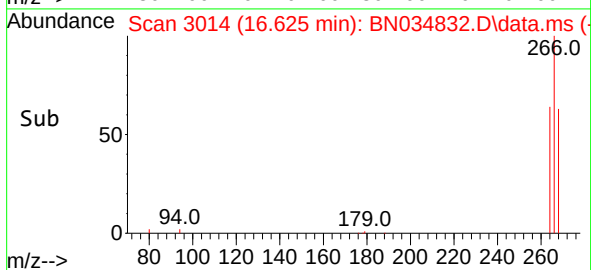
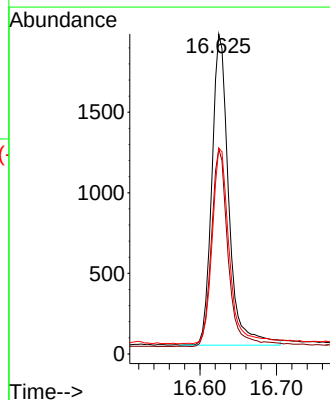
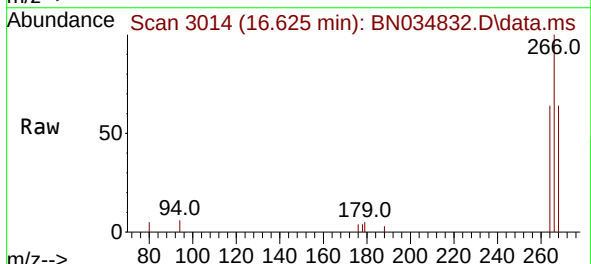
Instrument :
BNA_N
ClientSampleId :
SLCS515

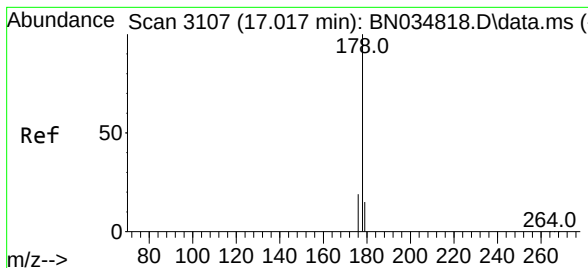
Tgt Ion:166 Resp: 17264
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 13.8 11.0 16.4



#14
Pentachlorophenol
Concen: 0.604 ng/ul
RT: 16.625 min Scan# 3014
Delta R.T. -0.013 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

Tgt Ion:266 Resp: 2957
Ion Ratio Lower Upper
266 100
264 63.4 50.1 75.1
268 64.0 52.0 78.0





#15

Phenanthrene

Concen: 0.377 ng/ul

RT: 17.013 min Scan# 3106

Delta R.T. -0.013 min

Lab File: BN034832.D

Acq: 02 Nov 2024 08:14

Instrument :

BNA_N

ClientSampleId :

SLCS515

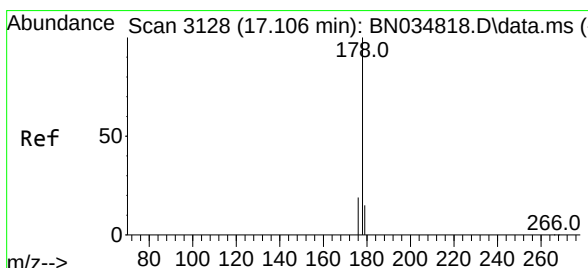
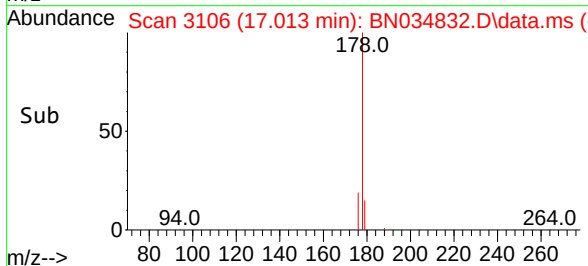
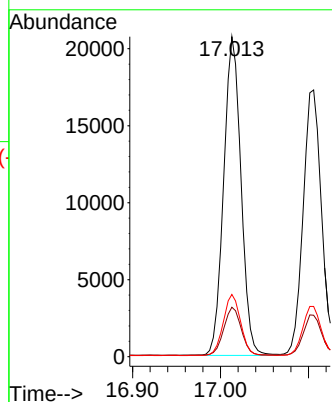
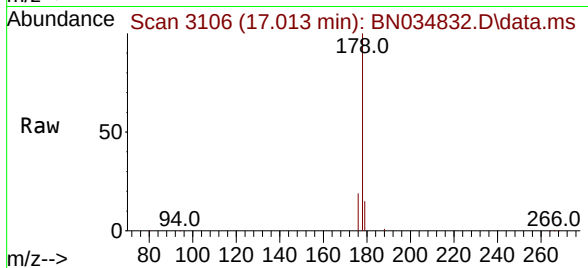
Tgt Ion:178 Resp: 28328

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.4 15.4 23.0



#16

Anthracene

Concen: 0.366 ng/ul

RT: 17.106 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BN034832.D

Acq: 02 Nov 2024 08:14

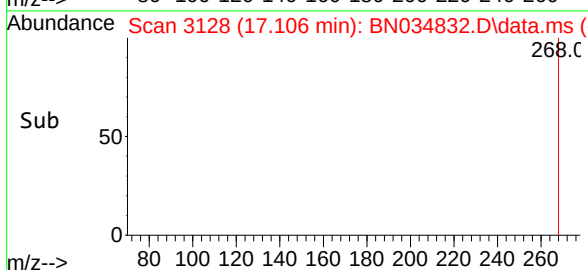
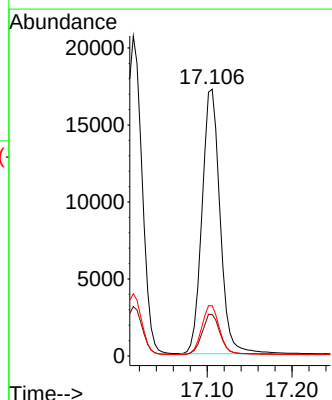
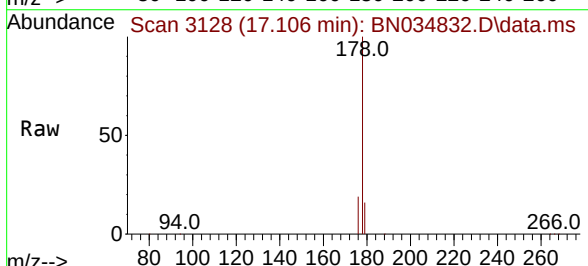
Tgt Ion:178 Resp: 25411

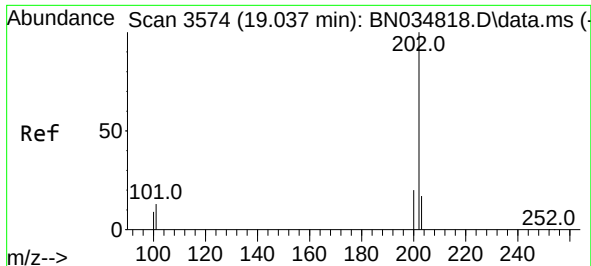
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.8 15.1 22.7

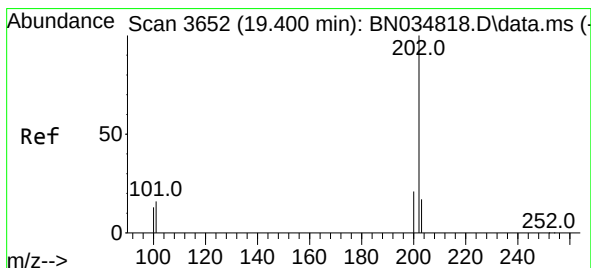
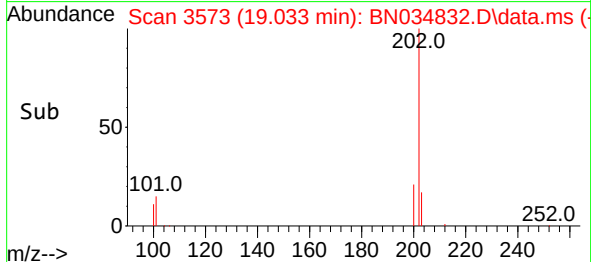
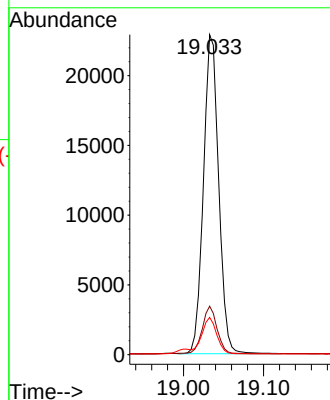
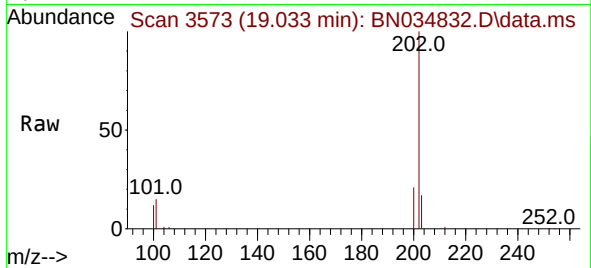




#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.033 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

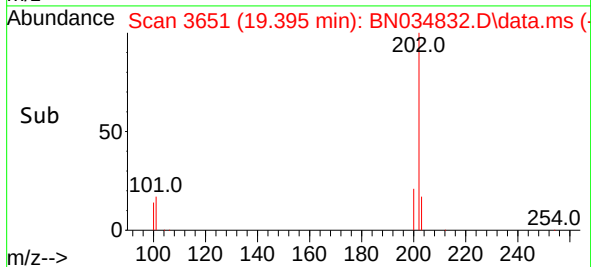
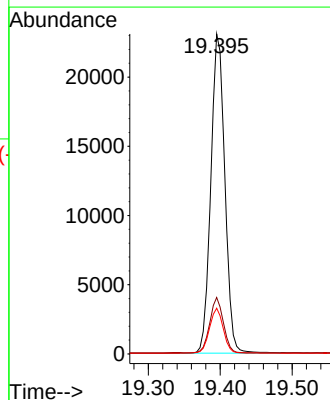
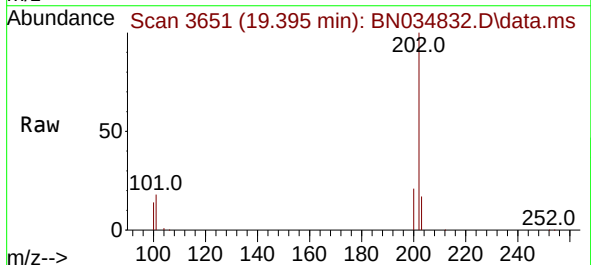
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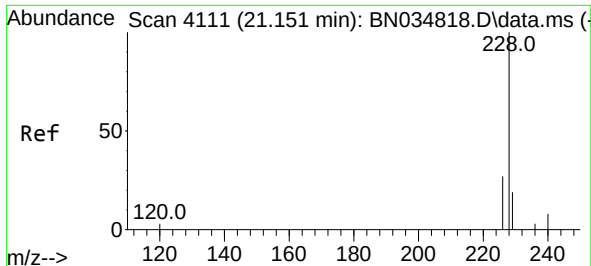
Tgt Ion:202 Resp: 30262
Ion Ratio Lower Upper
202 100
101 15.1 10.8 16.2
100 11.6 8.2 12.2



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.395 min Scan# 3651
Delta R.T. -0.014 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

Tgt Ion:202 Resp: 31101
Ion Ratio Lower Upper
202 100
101 17.7 12.4 18.6
100 14.3 10.0 15.0

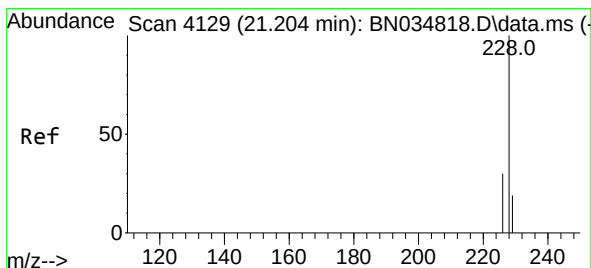
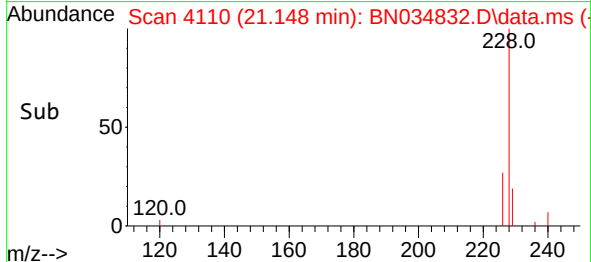
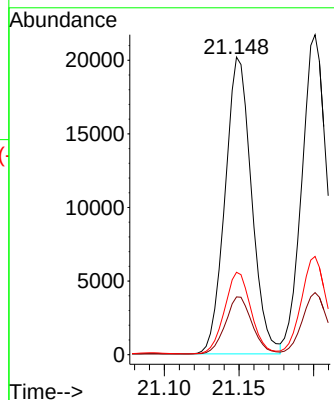
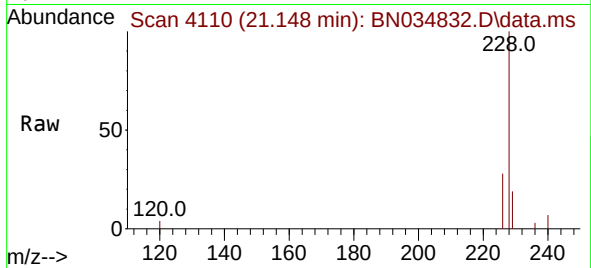




#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.148 min Scan# 4111
Delta R.T. -0.012 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

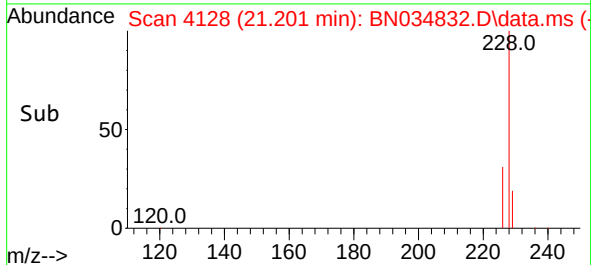
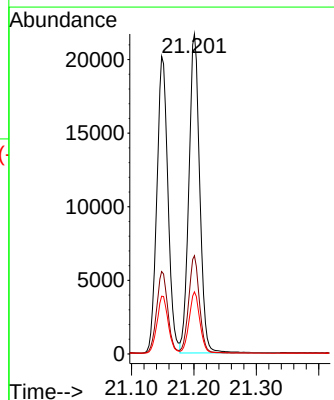
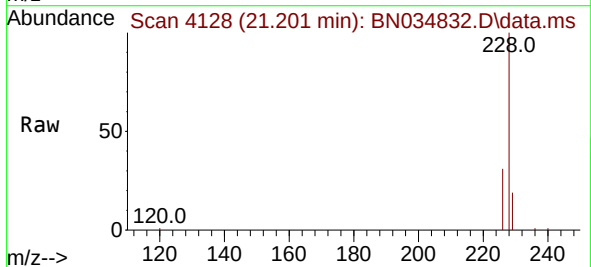
Instrument :
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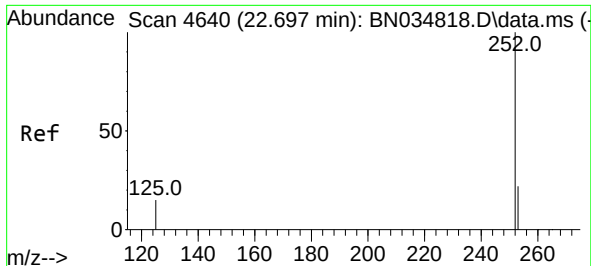
Tgt Ion:228 Resp: 24921
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. -0.012 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

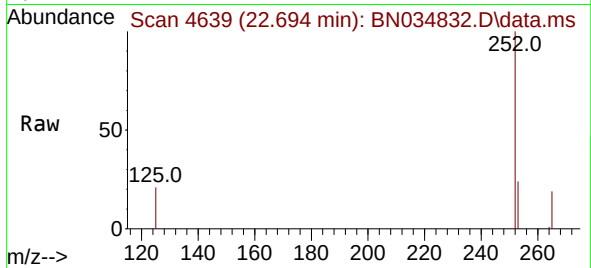
Tgt Ion:228 Resp: 26061
Ion Ratio Lower Upper
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226 30.7 24.3 36.5
229 19.4 15.6 23.4



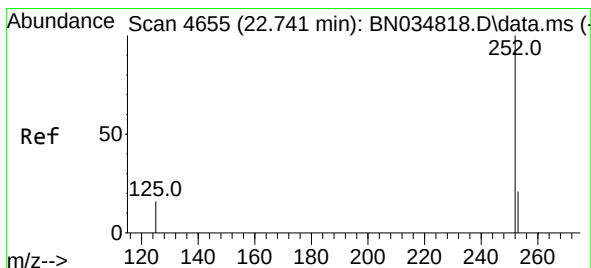
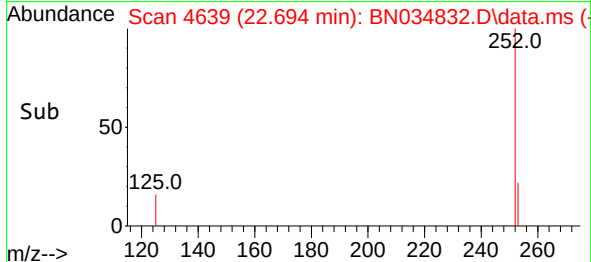
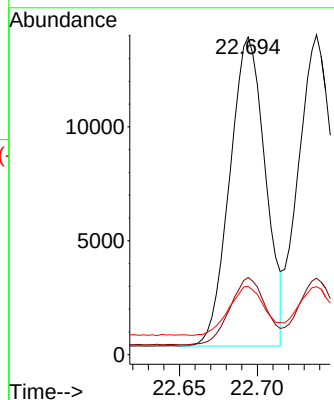


#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.694 min Scan# 4639
Delta R.T. -0.015 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

Instrument :
BNA_N
ClientSampleId :
SLCS515

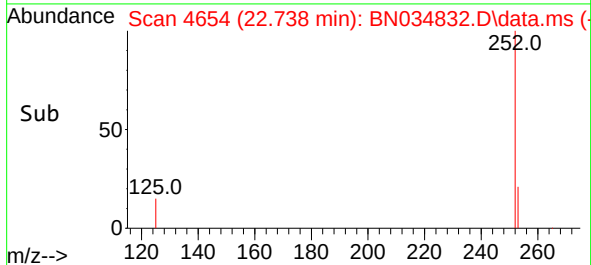
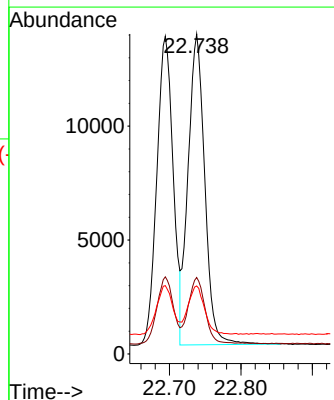
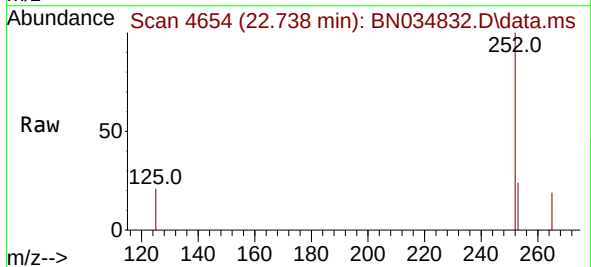


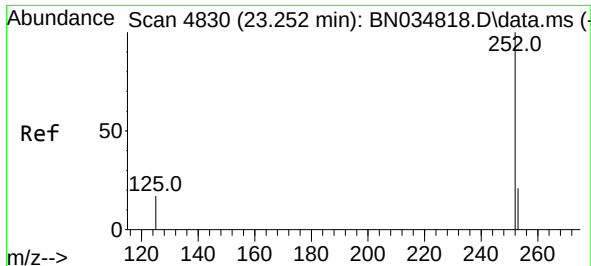
Tgt Ion:252 Resp: 21596
Ion Ratio Lower Upper
252 100
253 24.3 0.0 47.6
125 21.5 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. -0.012 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

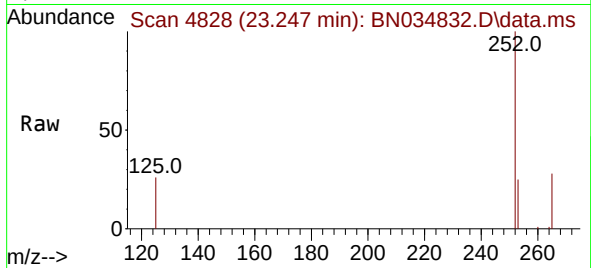
Tgt Ion:252 Resp: 22101
Ion Ratio Lower Upper
252 100
253 23.9 19.1 28.7
125 21.2 17.0 25.4



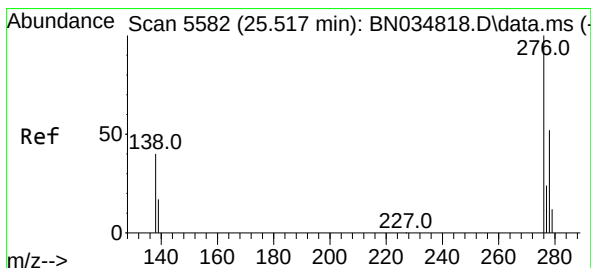
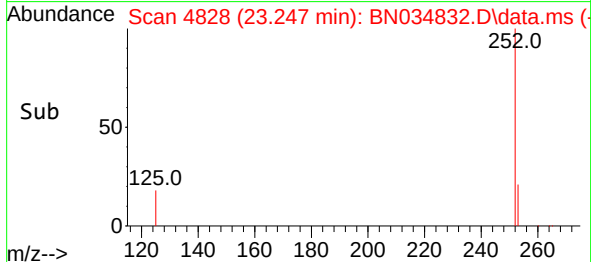
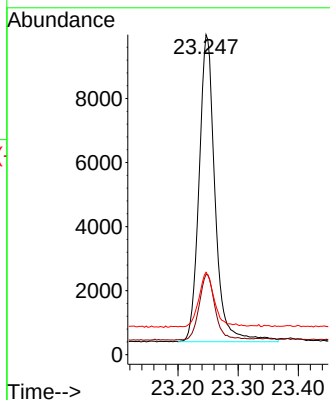


#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.247 min Scan# 4828
Delta R.T. -0.018 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

Instrument :
BNA_N
ClientSampleId :
SLCS515

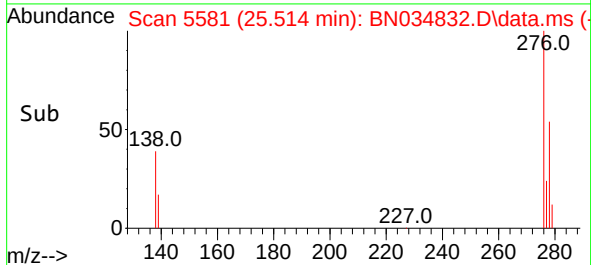
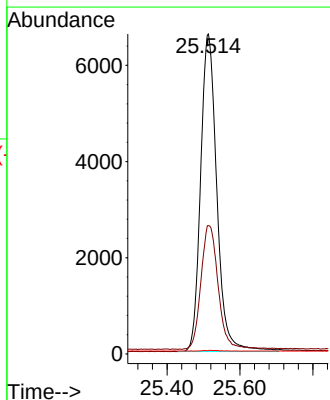
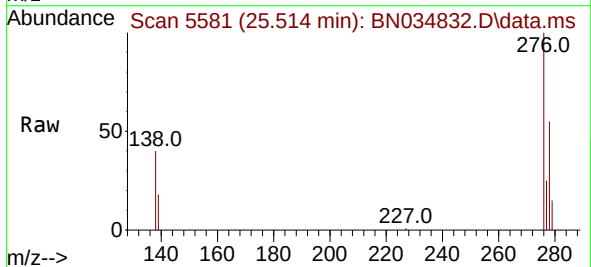


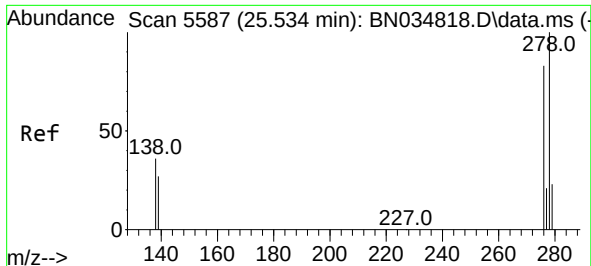
Tgt Ion:252 Resp: 17684
Ion Ratio Lower Upper
252 100
253 25.0 20.0 30.0
125 25.7 19.8 29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 25.514 min Scan# 5581
Delta R.T. -0.023 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

Tgt Ion:276 Resp: 20400
Ion Ratio Lower Upper
276 100
138 41.5 31.8 47.6
227 0.1 0.2 0.4

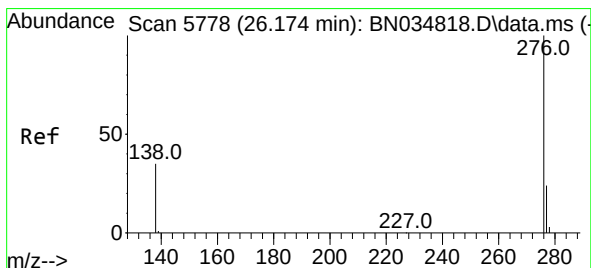
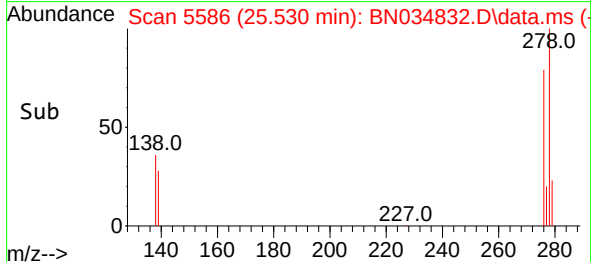
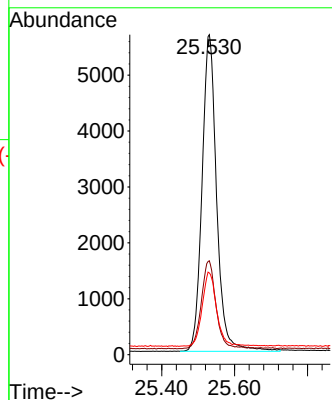
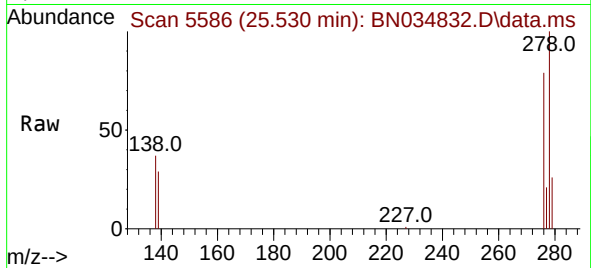




#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 25.530 min Scan# 51
Delta R.T. -0.023 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

Instrument :
BNA_N
ClientSampleId :
SLCS515

Tgt Ion:278 Resp: 15754
Ion Ratio Lower Upper
278 100
139 29.3 23.4 35.2
279 25.6 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul
RT: 26.171 min Scan# 5777
Delta R.T. -0.023 min
Lab File: BN034832.D
Acq: 02 Nov 2024 08:14

Tgt Ion:276 Resp: 16493
Ion Ratio Lower Upper
276 100
138 37.0 28.8 43.2
277 24.4 20.2 30.2

