

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034813.D
 Acq On : 01 Nov 2024 20:12
 Operator : RC/JU
 Sample : P4534-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1L63MS

Quant Time: Nov 03 23:27:47 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

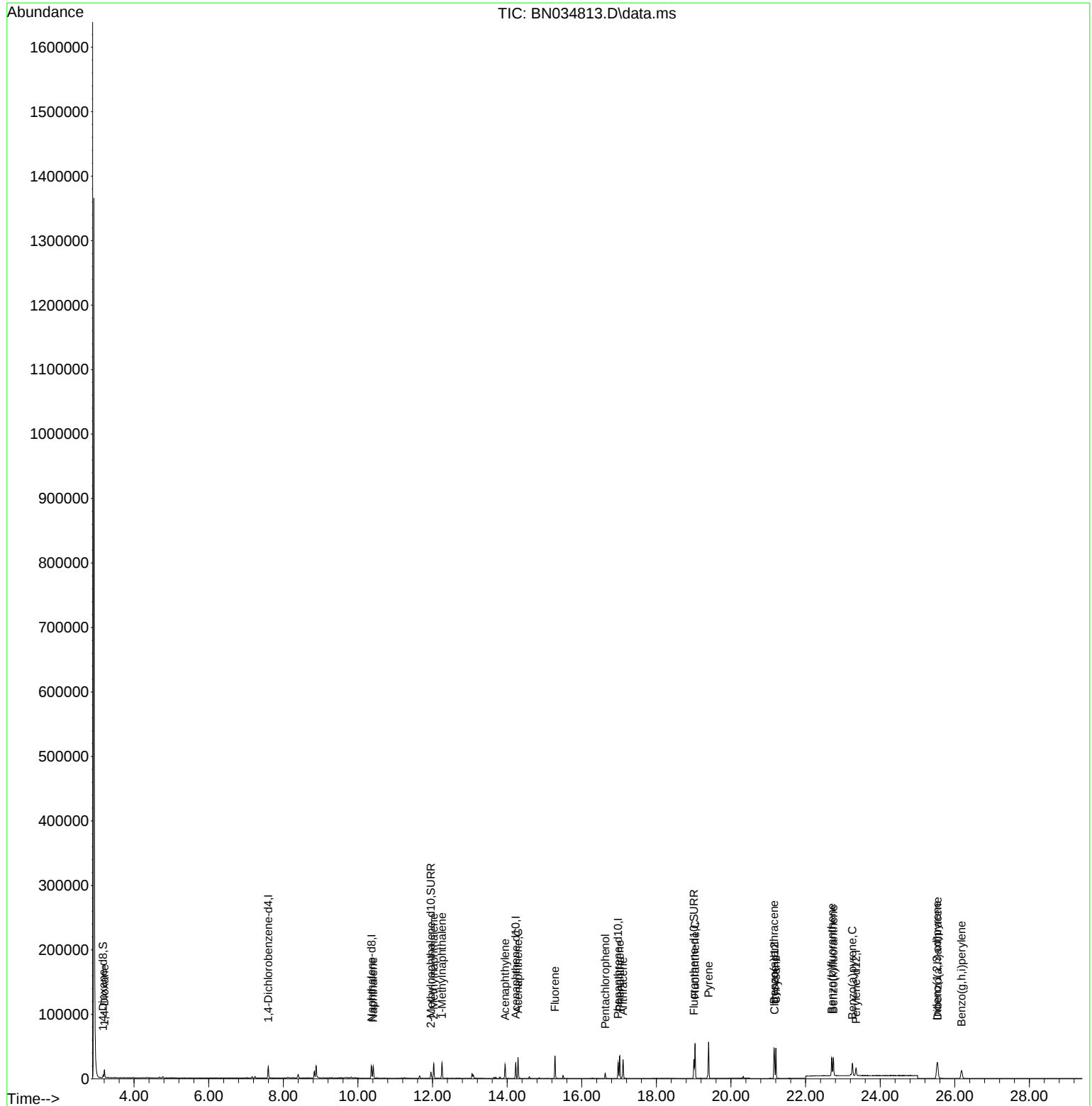
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	8092	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	24113	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.231	164	12799	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	26104	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	18443	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264	14998	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	2510	0.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	11595	0.383	ng/ul	-0.01
18) Fluoranthene-d10	19.009	212	28918	0.482	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.203	88	7438	0.809	ng/ul#	87
5) Naphthalene	10.410	128	24141	0.378	ng/ul	100
7) 2-Methylnaphthalene	12.033	142	15060	0.363	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	15531	0.367	ng/ul	100
10) Acenaphthylene	13.944	152	23020	0.395	ng/ul	100
11) Acenaphthene	14.291	153	17930	0.402	ng/ul	100
12) Fluorene	15.281	166	20589	0.415	ng/ul	100
14) Pentachlorophenol	16.629	266	5429	1.054	ng/ul	99
15) Phenanthrene	17.017	178	35852	0.454	ng/ul	100
16) Anthracene	17.106	178	31052	0.425	ng/ul	100
19) Fluoranthene	19.037	202	41739	0.467	ng/ul	98
20) Pyrene	19.400	202	43993	0.472	ng/ul	98
21) Benzo(a)anthracene	21.154	228	35844	0.486	ng/ul	100
22) Chrysene	21.204	228	36972	0.500	ng/ul	99
24) Benzo(b)fluoranthene	22.700	252	32470	0.532	ng/ul	99
25) Benzo(k)fluoranthene	22.744	252	31912	0.518	ng/ul	98
26) Benzo(a)pyrene	23.255	252	25187	0.479	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.520	276	28930	0.517	ng/ul	99
28) Dibenzo(a,h)anthracene	25.540	278	22361	0.529	ng/ul	98
29) Benzo(g,h,i)perylene	26.181	276	22802	0.519	ng/ul	98

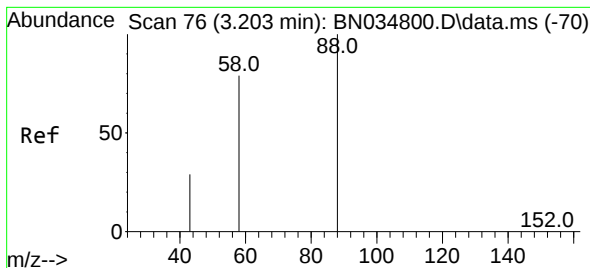
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.809 ng/ul

RT: 3.203 min Scan# 76

Delta R.T. -0.004 min

Lab File: BN034813.D

Acq: 01 Nov 2024 20:12

Instrument :

BNA_N

ClientSampleId :

E1L63MS

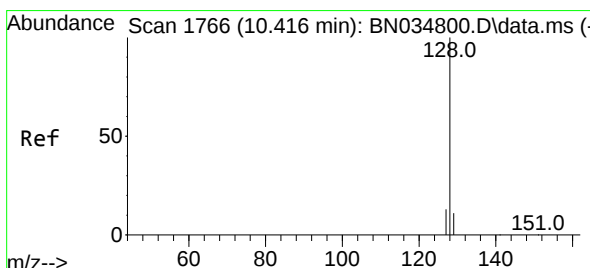
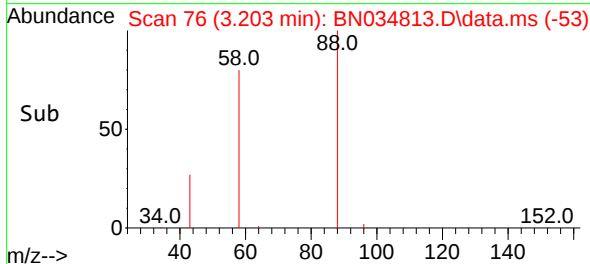
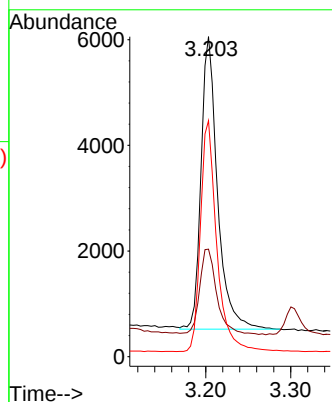
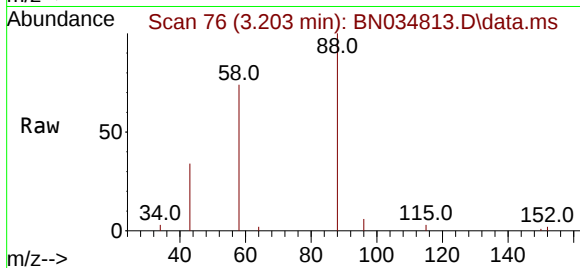
Tgt Ion: 88 Resp: 7438

Ion Ratio Lower Upper

88 100

43 33.6 41.9 62.9#

58 73.7 57.5 86.3



#5

Naphthalene

Concen: 0.378 ng/ul

RT: 10.410 min Scan# 1765

Delta R.T. -0.011 min

Lab File: BN034813.D

Acq: 01 Nov 2024 20:12

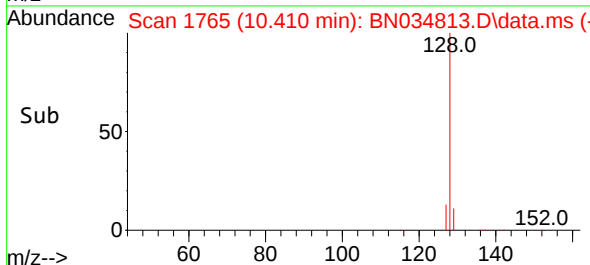
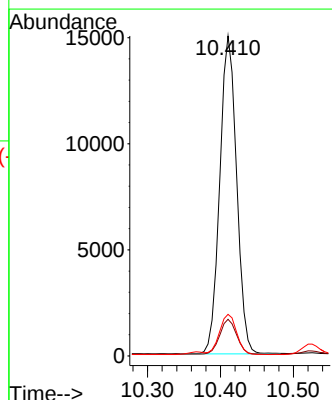
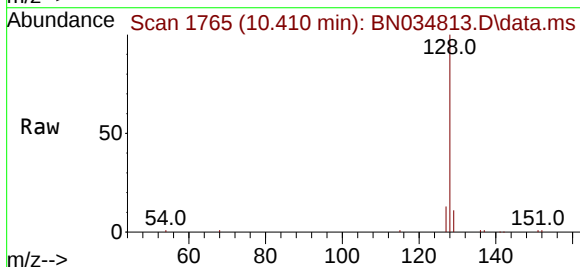
Tgt Ion: 128 Resp: 24141

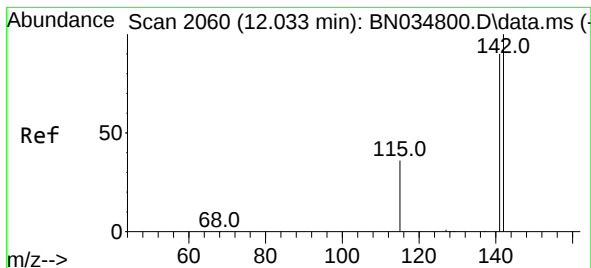
Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.0 10.5 15.7

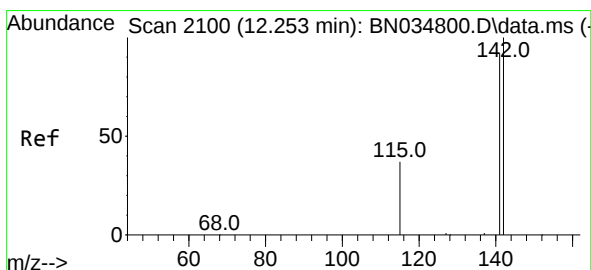
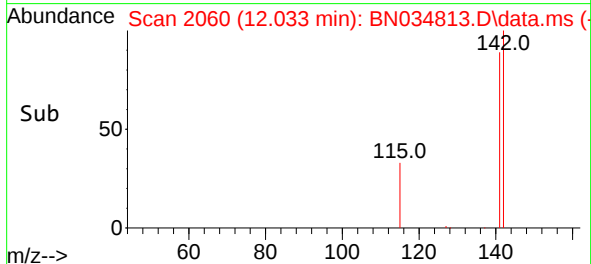
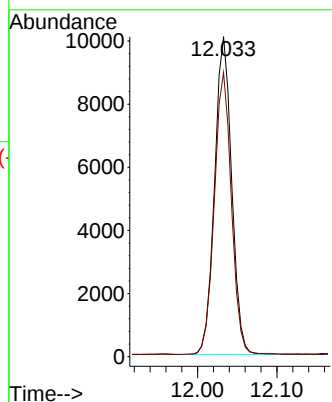
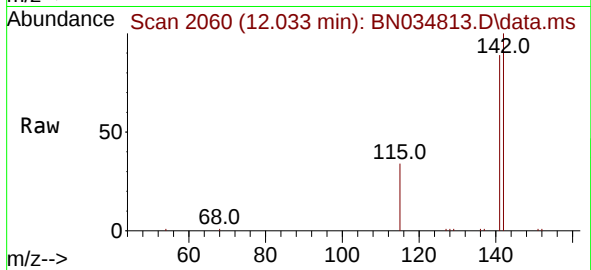




#7
2-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.033 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

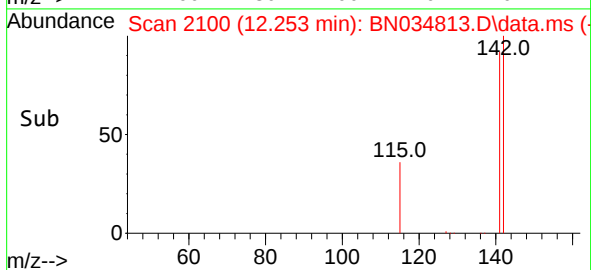
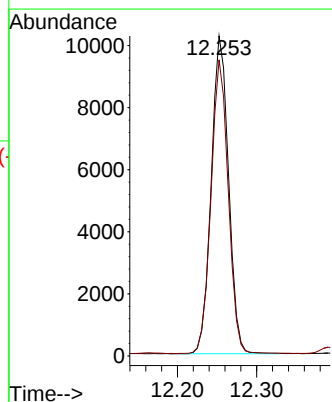
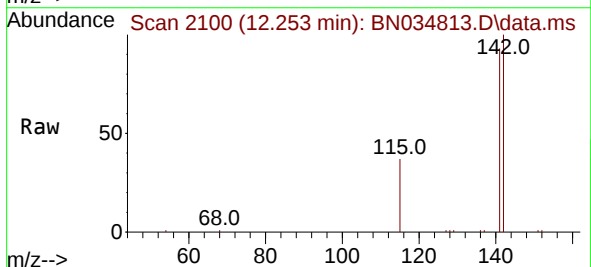
Instrument :
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E1L63MS

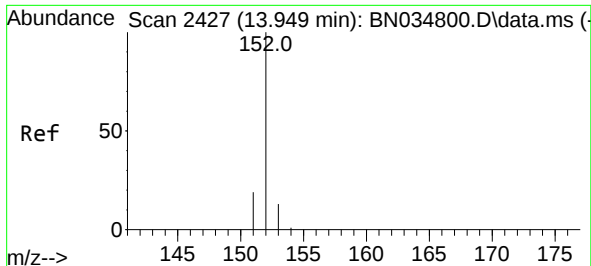
Tgt Ion:142 Resp: 15060
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

Tgt Ion:142 Resp: 15531
Ion Ratio Lower Upper
142 100
141 91.6 73.6 110.4

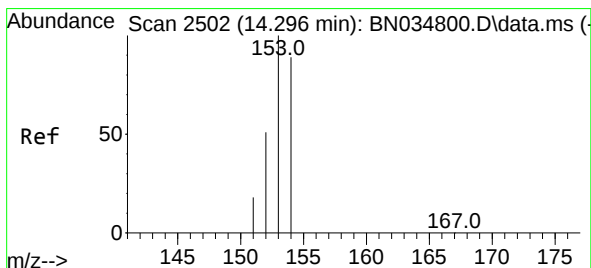
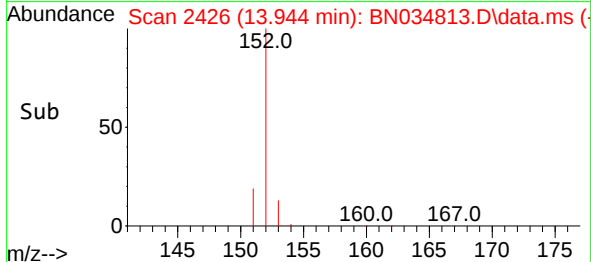
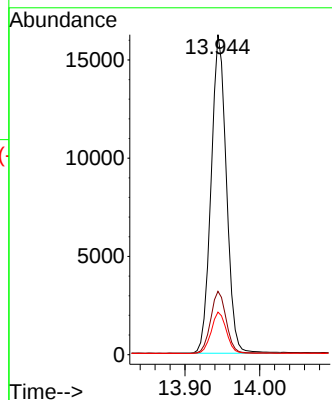
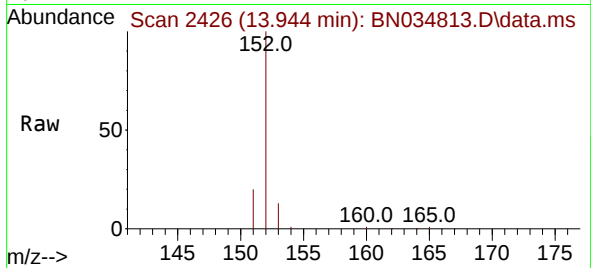




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 13.944 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

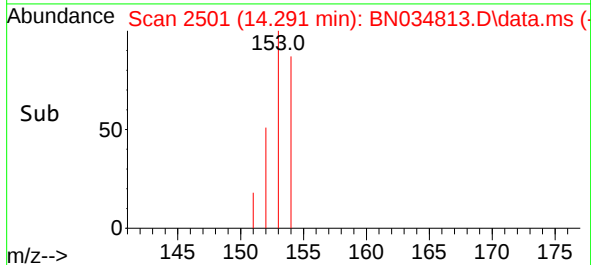
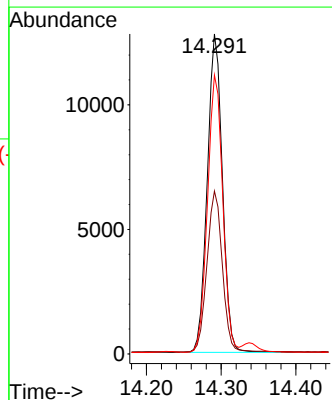
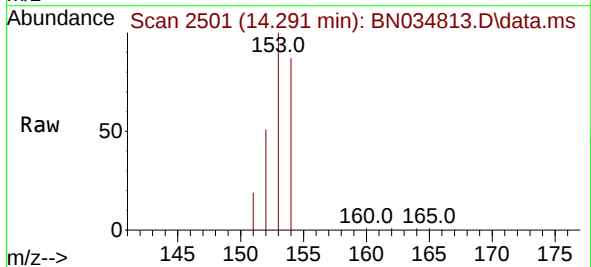
Instrument :
BNA_N
ClientSampleId :
E1L63MS

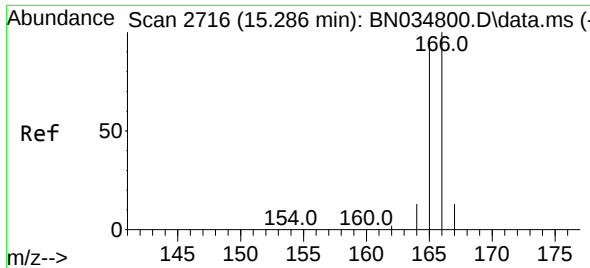
Tgt Ion:152 Resp: 23020
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.3 10.7 16.1



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

Tgt Ion:153 Resp: 17930
Ion Ratio Lower Upper
153 100
152 50.9 40.3 60.5
154 87.2 69.9 104.9

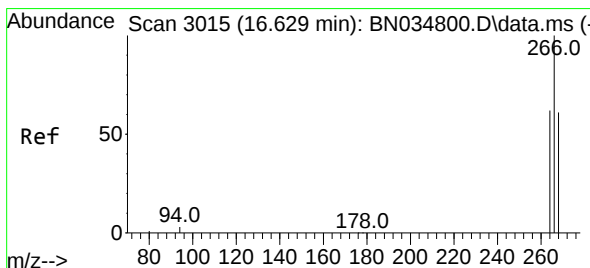
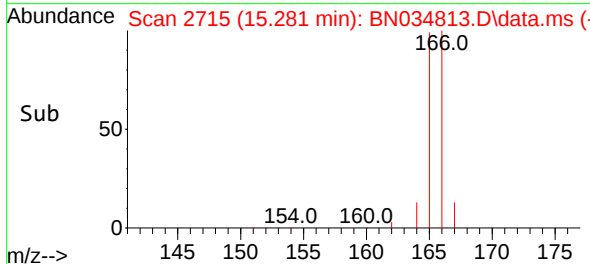
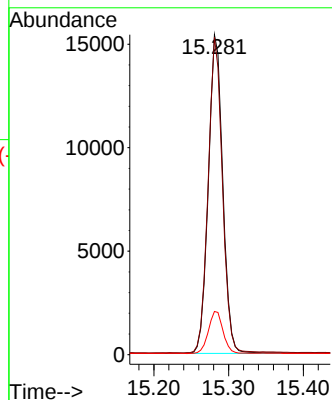
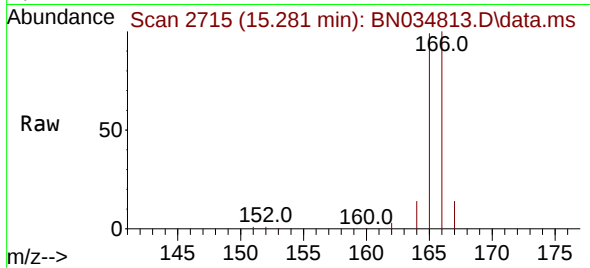




#12
 Fluorene
 Concen: 0.415 ng/ul
 RT: 15.281 min Scan# 2715
 Delta R.T. -0.009 min
 Lab File: BN034813.D
 Acq: 01 Nov 2024 20:12

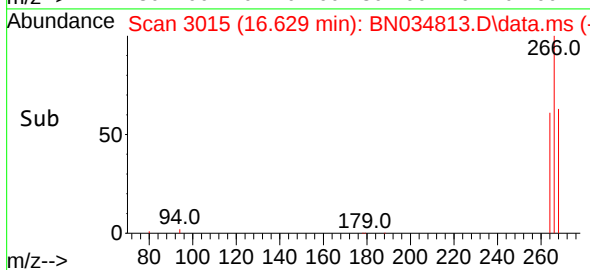
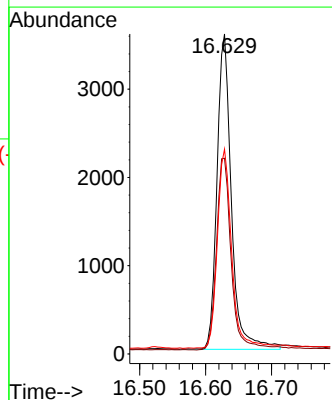
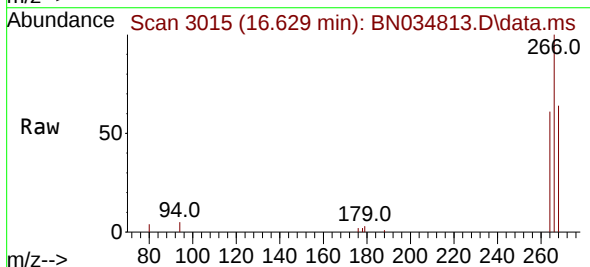
Instrument :
 BNA_N
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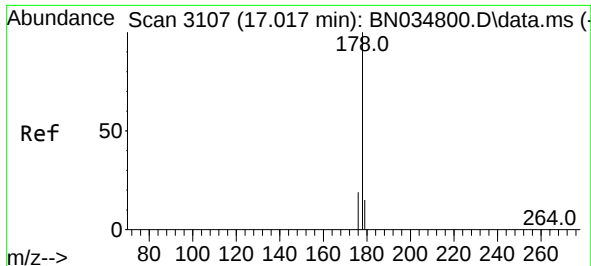
Tgt Ion:166 Resp: 20589
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.1 118.7
 167 13.5 11.0 16.4



#14
 Pentachlorophenol
 Concen: 1.054 ng/ul
 RT: 16.629 min Scan# 3015
 Delta R.T. -0.009 min
 Lab File: BN034813.D
 Acq: 01 Nov 2024 20:12

Tgt Ion:266 Resp: 5429
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.1 75.1
 268 63.0 52.0 78.0

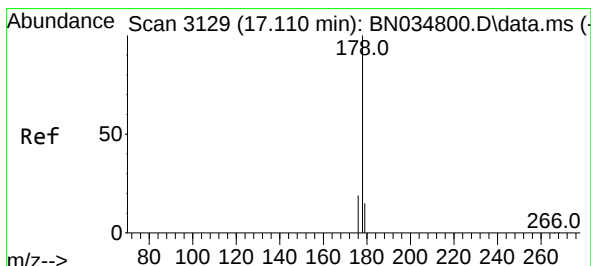
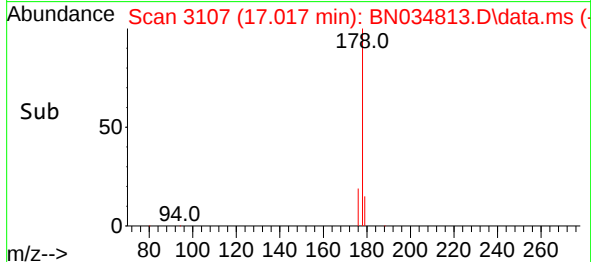
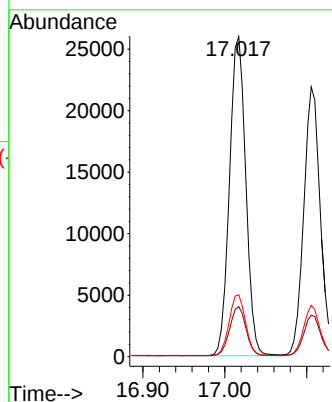
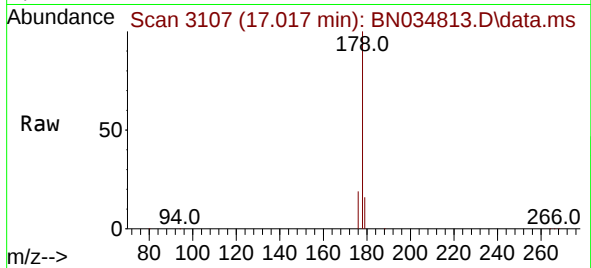




#15
Phenanthrene
Concen: 0.454 ng/ul
RT: 17.017 min Scan# 3107
Delta R.T. -0.009 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

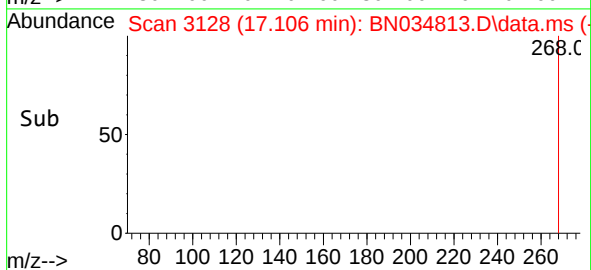
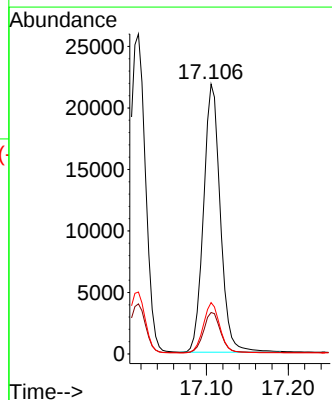
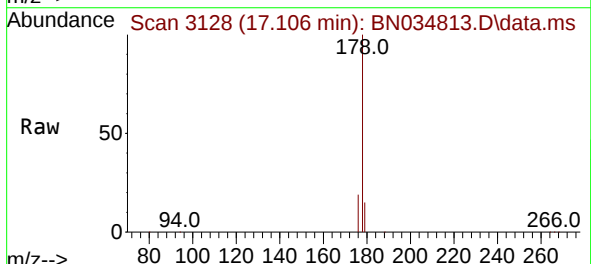
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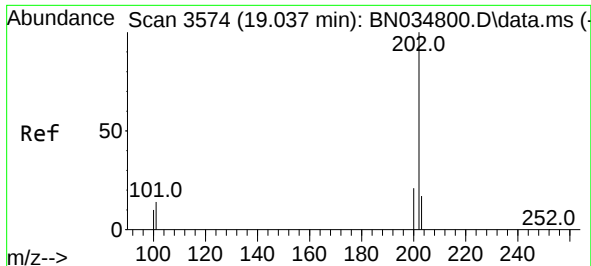
Tgt Ion:178 Resp: 35852
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.4 15.4 23.0



#16
Anthracene
Concen: 0.425 ng/ul
RT: 17.106 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

Tgt Ion:178 Resp: 31052
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.0 15.1 22.7





#19

Fluoranthene

Concen: 0.467 ng/ul

RT: 19.037 min Scan# 3574

Delta R.T. -0.009 min

Lab File: BN034813.D

Acq: 01 Nov 2024 20:12

Instrument :

BNA_N

ClientSampleId :

E1L63MS

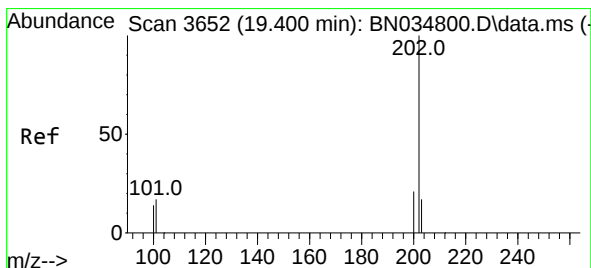
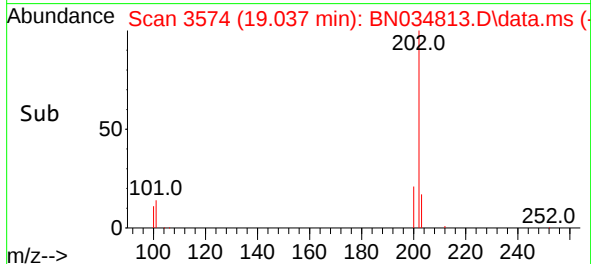
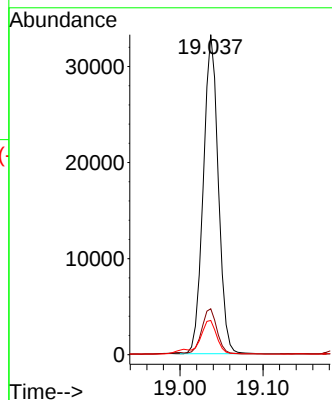
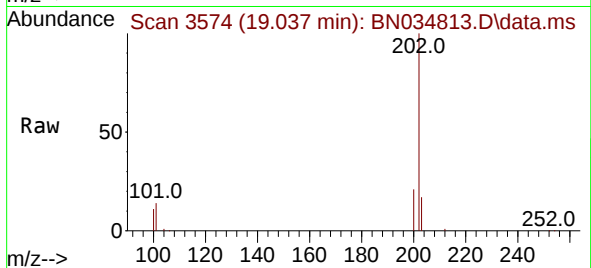
Tgt Ion:202 Resp: 41739

Ion Ratio Lower Upper

202 100

101 14.3 10.8 16.2

100 10.7 8.2 12.2



#20

Pyrene

Concen: 0.472 ng/ul

RT: 19.400 min Scan# 3652

Delta R.T. -0.009 min

Lab File: BN034813.D

Acq: 01 Nov 2024 20:12

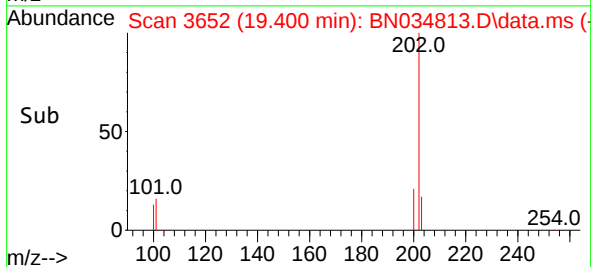
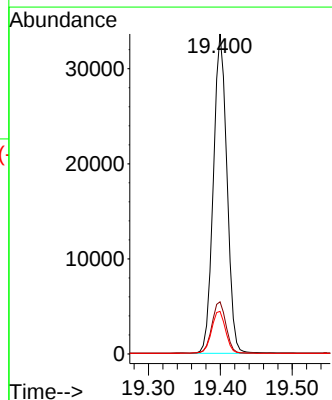
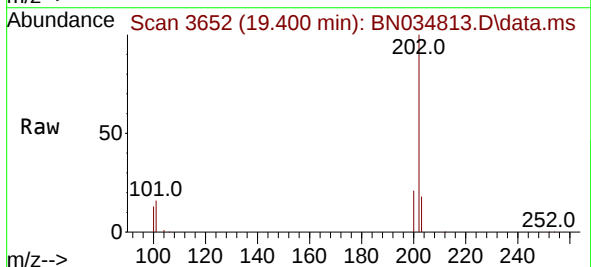
Tgt Ion:202 Resp: 43993

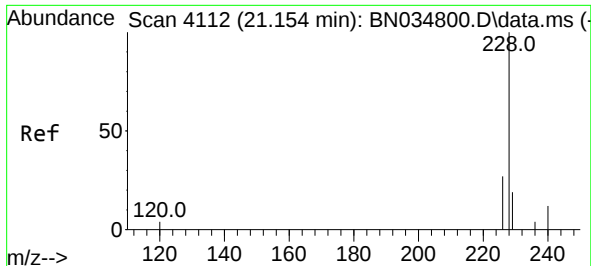
Ion Ratio Lower Upper

202 100

101 16.3 12.4 18.6

100 13.3 10.0 15.0

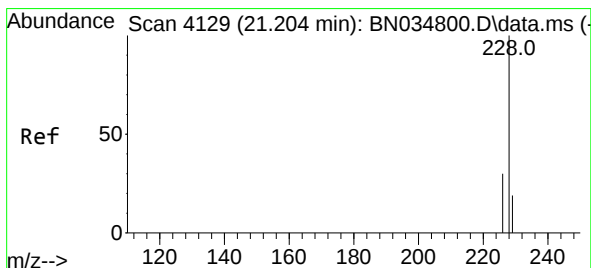
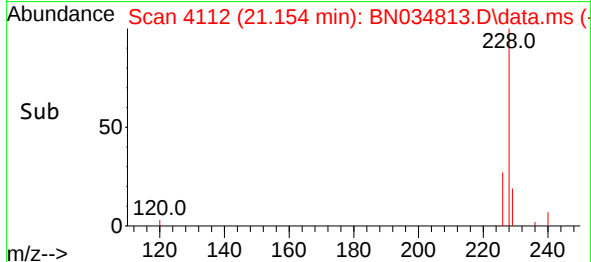
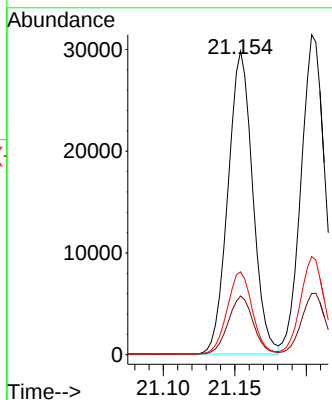
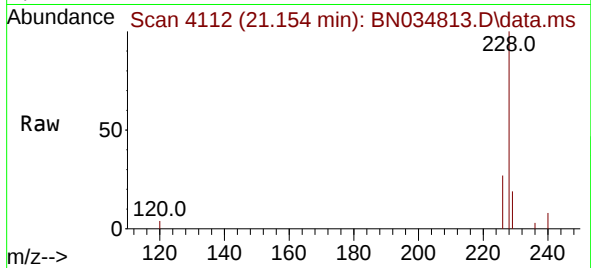




#21
Benzo(a)anthracene
Concen: 0.486 ng/ul
RT: 21.154 min Scan# 4112
Delta R.T. -0.006 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

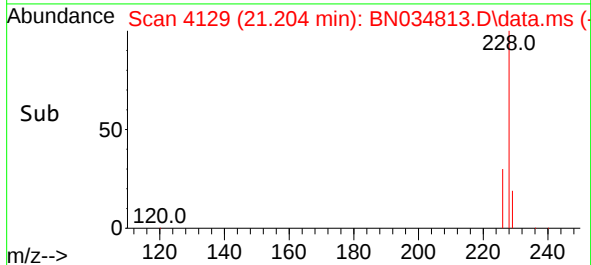
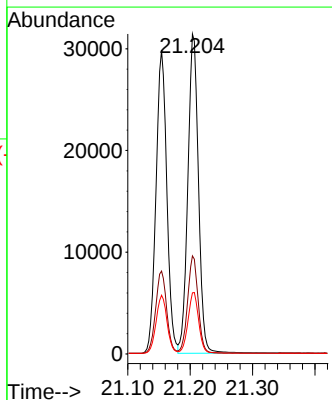
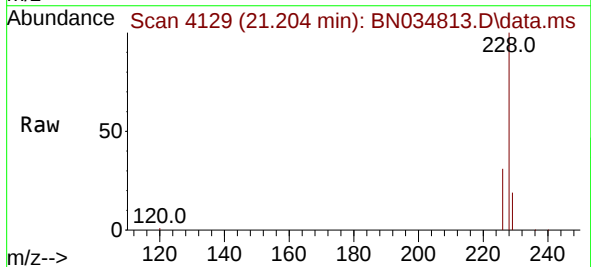
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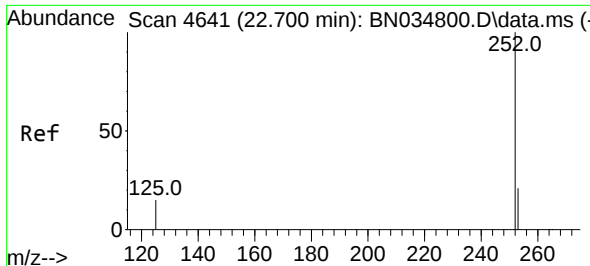
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Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.500 ng/ul
RT: 21.204 min Scan# 4129
Delta R.T. -0.009 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

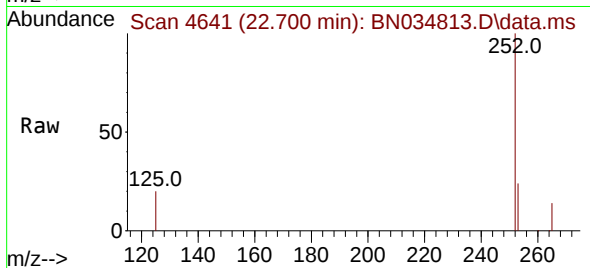
Tgt Ion:228 Resp: 36972
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.1 15.6 23.4



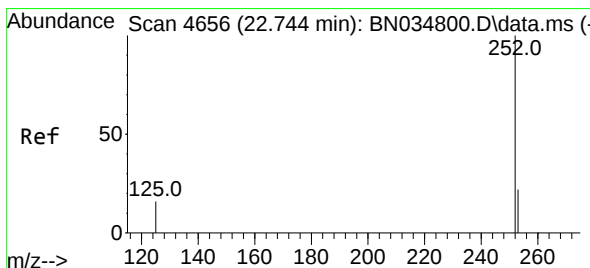
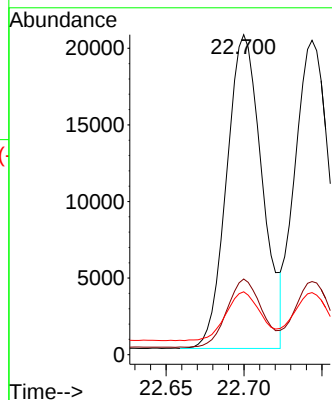
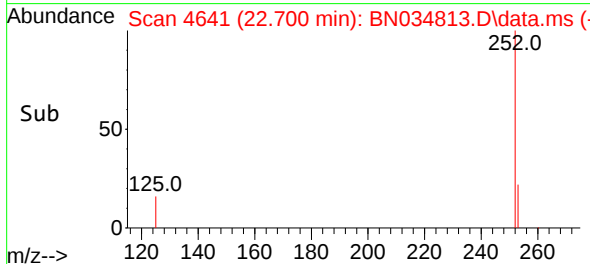


#24
Benzo(b)fluoranthene
Concen: 0.532 ng/ul
RT: 22.700 min Scan# 4641
Delta R.T. -0.009 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

Instrument :
BNA_N
ClientSampleId :
E1L63MS

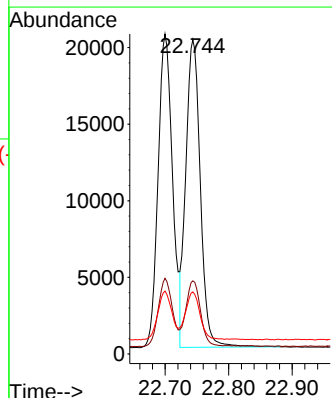
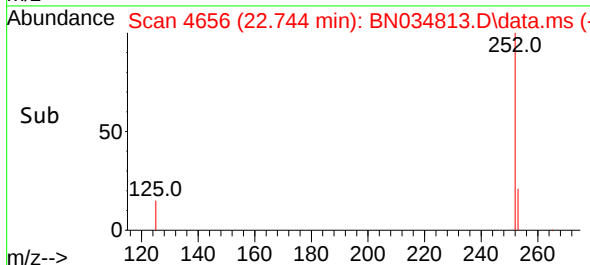
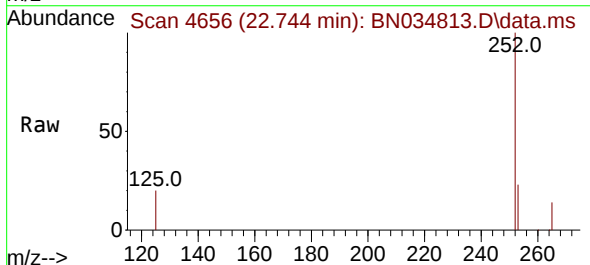


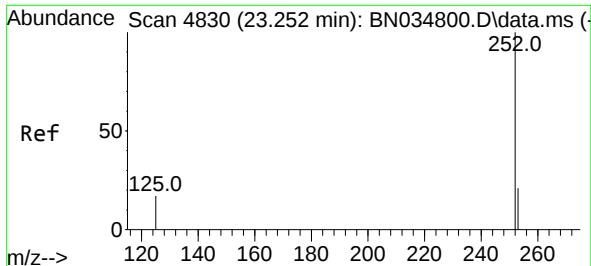
Tgt Ion:252 Resp: 32470
Ion Ratio Lower Upper
252 100
253 23.6 0.0 47.6
125 19.7 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul
RT: 22.744 min Scan# 4656
Delta R.T. -0.006 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

Tgt Ion:252 Resp: 31912
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 19.8 17.0 25.4

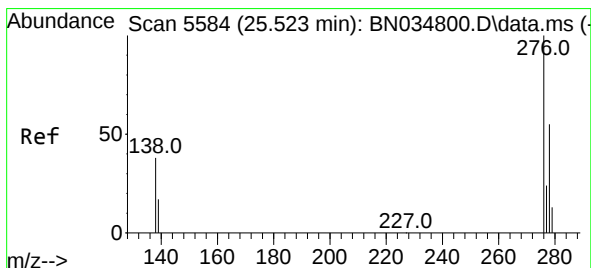
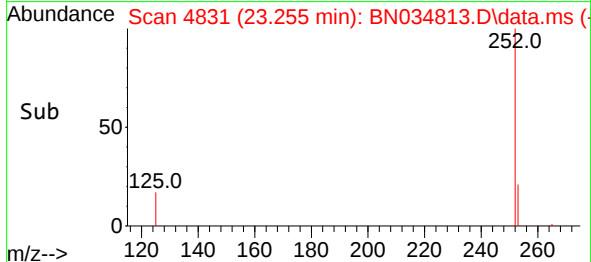
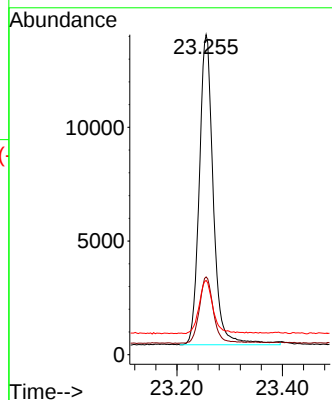
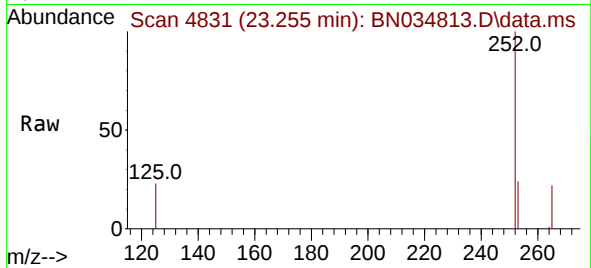




#26
Benzo(a)pyrene
Concen: 0.479 ng/ul
RT: 23.255 min Scan# 4831
Delta R.T. -0.009 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

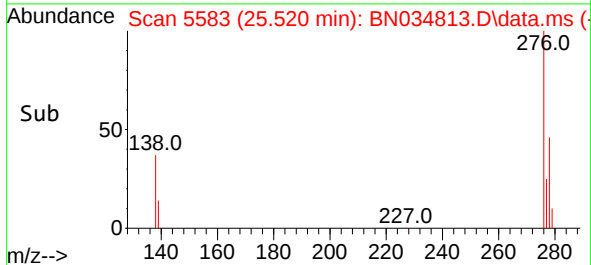
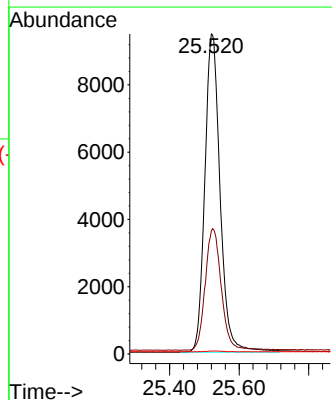
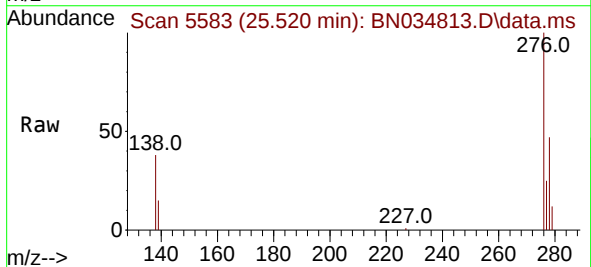
Instrument :
BNA_N
ClientSampleId :
E1L63MS

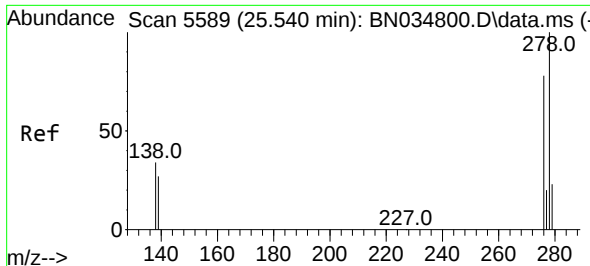
Tgt Ion:	252	Resp:	25187
Ion Ratio	Lower	Upper	
252	100		
253	24.3	20.0	30.0
125	23.2	19.8	29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.517 ng/ul
RT: 25.520 min Scan# 5583
Delta R.T. -0.017 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

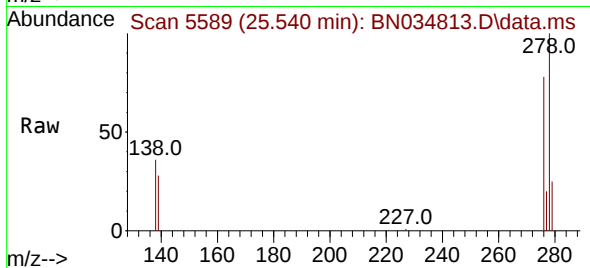
Tgt Ion:	276	Resp:	28930
Ion Ratio	Lower	Upper	
276	100		
138	40.2	31.8	47.6
227	0.2	0.2	0.4



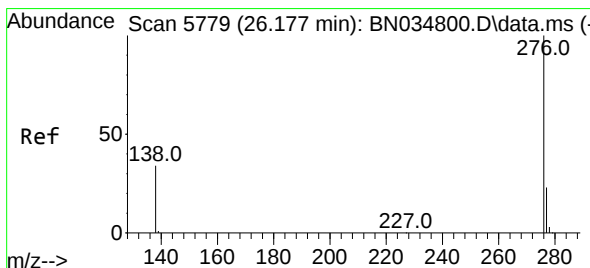
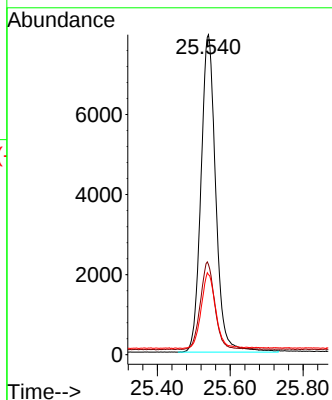
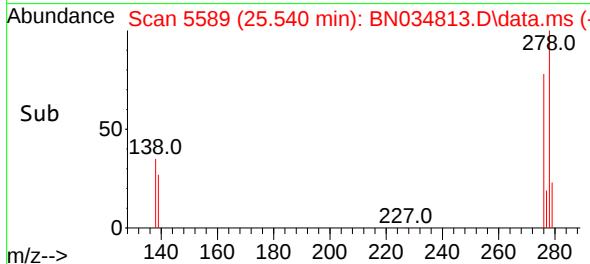


#28
Dibenzo(a,h)anthracene
Concen: 0.529 ng/ul
RT: 25.540 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

Instrument :
BNA_N
ClientSampleId :
E1L63MS



Tgt Ion:278 Resp: 22361
Ion Ratio Lower Upper
278 100
139 28.2 23.4 35.2
279 25.0 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.519 ng/ul
RT: 26.181 min Scan# 5780
Delta R.T. -0.014 min
Lab File: BN034813.D
Acq: 01 Nov 2024 20:12

Tgt Ion:276 Resp: 22802
Ion Ratio Lower Upper
276 100
138 34.9 28.8 43.2
277 24.2 20.2 30.2

