

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030250.D
 Acq On : 04 Mar 2024 11:00
 Operator : MA/JU
 Sample : PB159330BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS330

Quant Time: Mar 04 11:32:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

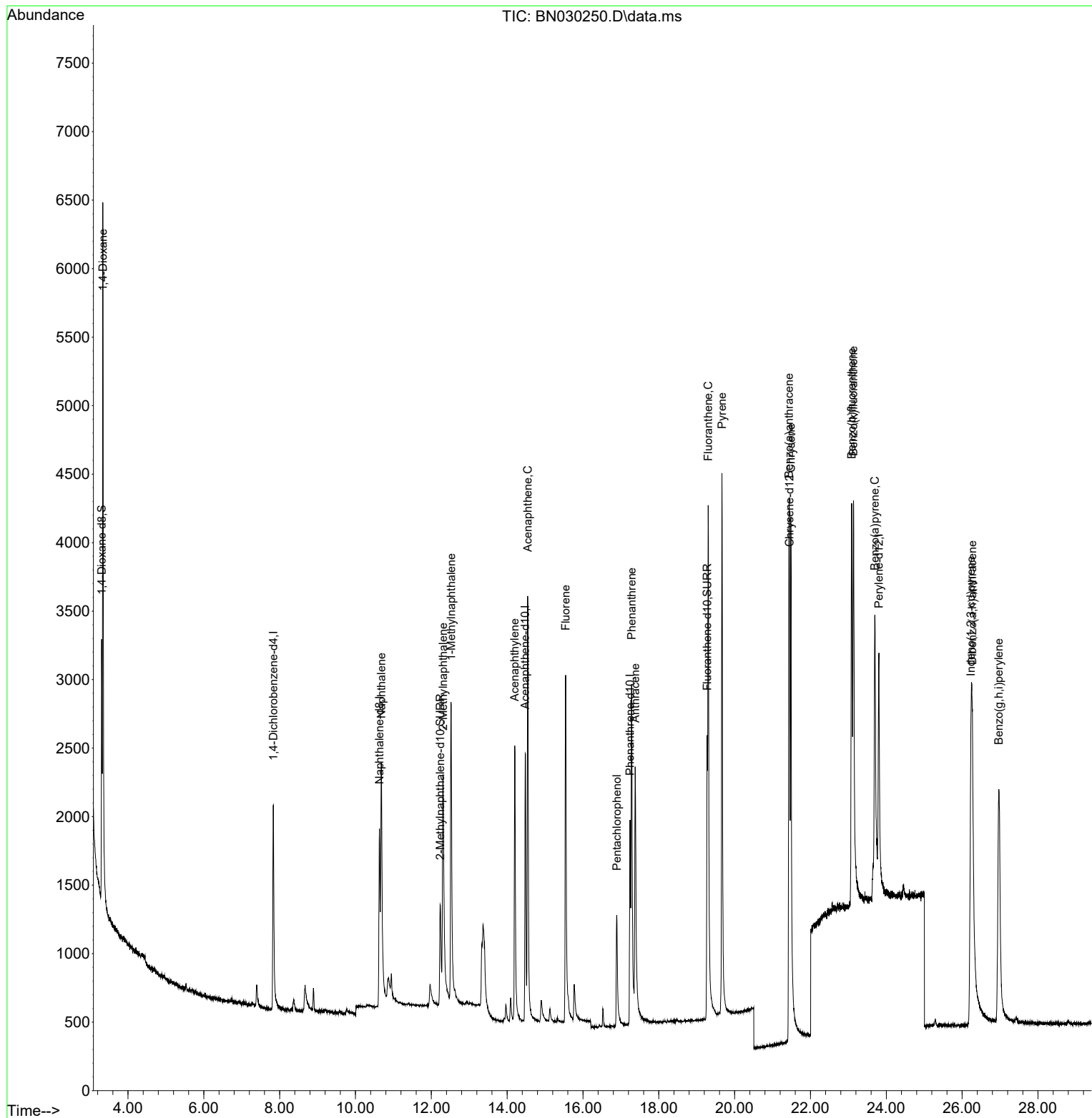
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.632	136	2932	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.477	164	1375	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	2534	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	2405	0.400	ng/ul	# 0.00
23) Perylene-d12	23.804	264	2745	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1293	0.892	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	1644	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	3265	0.417	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.336	88	3653	2.323	ng/ul#	86
5) Naphthalene	10.682	128	3620	0.418	ng/ul	99
7) 2-Methylnaphthalene	12.310	142	1924	0.410	ng/ul	98
8) 1-Methylnaphthalene	12.524	142	2069	0.416	ng/ul	99
10) Acenaphthylene	14.200	152	3233	0.421	ng/ul	97
11) Acenaphthene	14.542	153	2357	0.418	ng/ul	99
12) Fluorene	15.541	166	2413	0.420	ng/ul	98
14) Pentachlorophenol	16.892	266	852	1.178	ng/ul	97
15) Phenanthrene	17.284	178	3631	0.427	ng/ul	99
16) Anthracene	17.377	178	3208	0.429	ng/ul	99
19) Fluoranthene	19.304	202	4233	0.396	ng/ul	98
20) Pyrene	19.666	202	4619	0.398	ng/ul	97
21) Benzo(a)anthracene	21.433	228	3718	0.437	ng/ul	99
22) Chrysene	21.483	228	4290	0.420	ng/ul	99
24) Benzo(b)fluoranthene	23.087	252	4399	0.416	ng/ul	96
25) Benzo(k)fluoranthene	23.134	252	5259	0.421	ng/ul#	94
26) Benzo(a)pyrene	23.698	252	4512	0.419	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.233	276	5848	0.425	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.270	278	4632	0.435	ng/ul	97
29) Benzo(g,h,i)perylene	26.967	276	5215	0.408	ng/ul	95

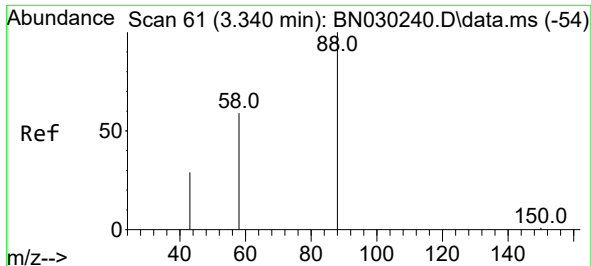
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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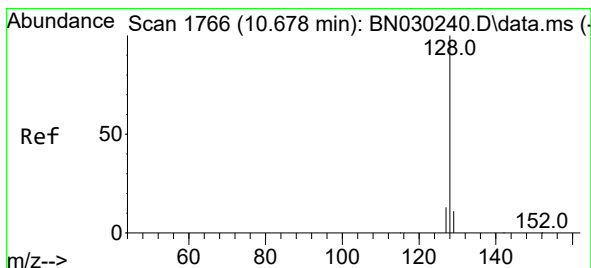
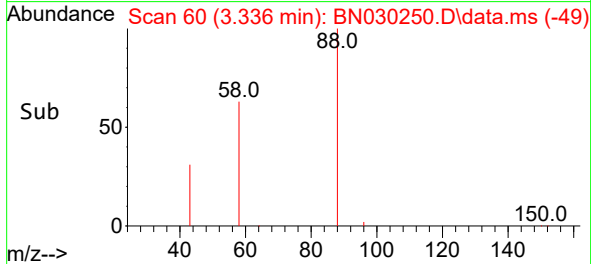
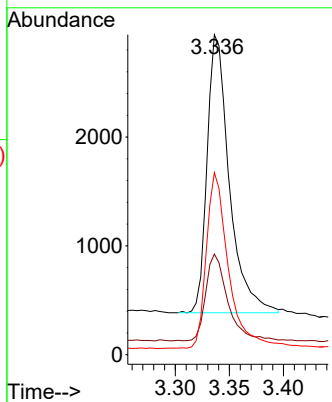
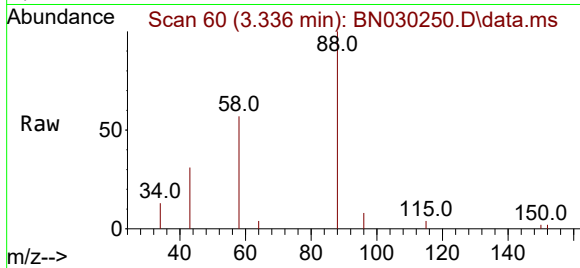




#2
 1,4-Dioxane
 Concen: 2.323 ng/ul
 RT: 3.336 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN030250.D
 Acq: 04 Mar 2024 11:00

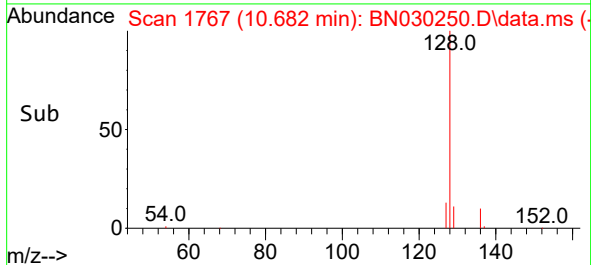
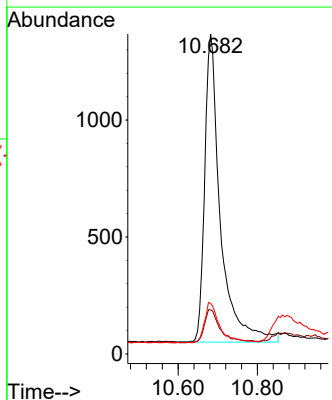
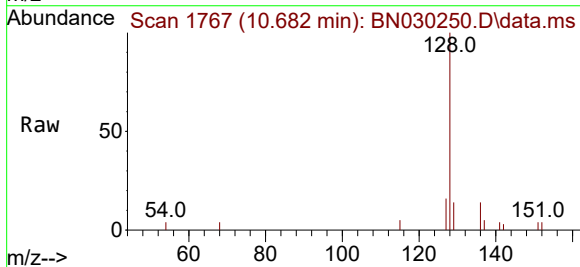
Instrument :
 BNA_N
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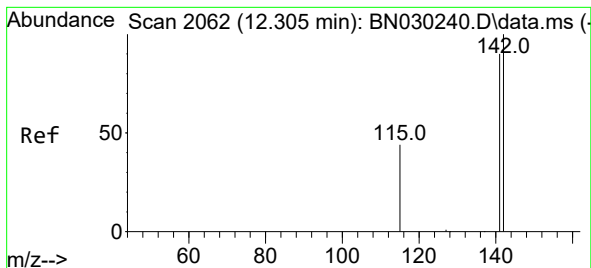
Tgt Ion: 88 Resp: 3653
 Ion Ratio Lower Upper
 88 100
 43 31.5 25.7 38.5
 58 56.9 33.8 50.8#



#5
 Naphthalene
 Concen: 0.418 ng/ul
 RT: 10.682 min Scan# 1767
 Delta R.T. 0.004 min
 Lab File: BN030250.D
 Acq: 04 Mar 2024 11:00

Tgt Ion:128 Resp: 3620
 Ion Ratio Lower Upper
 128 100
 129 13.8 11.0 16.4
 127 15.8 12.3 18.5

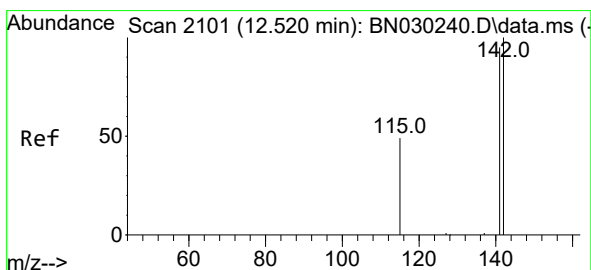
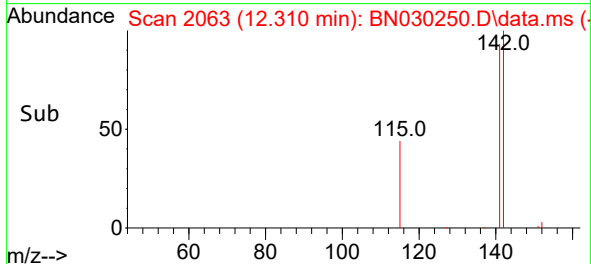
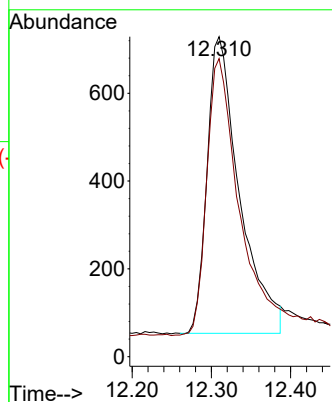
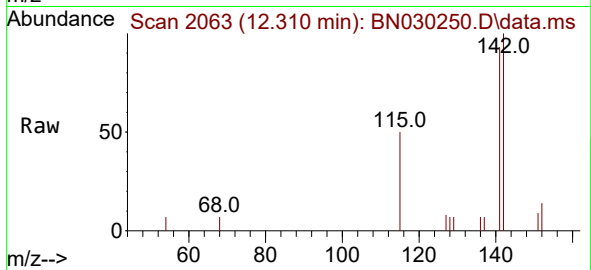




#7
2-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. 0.004 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

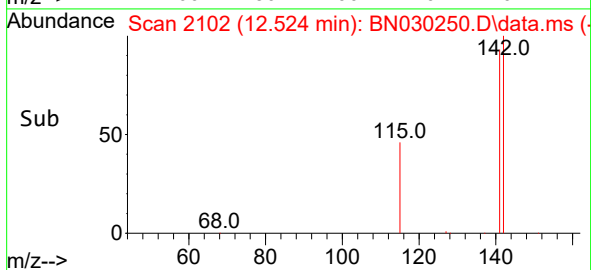
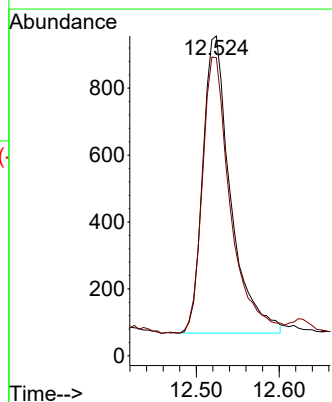
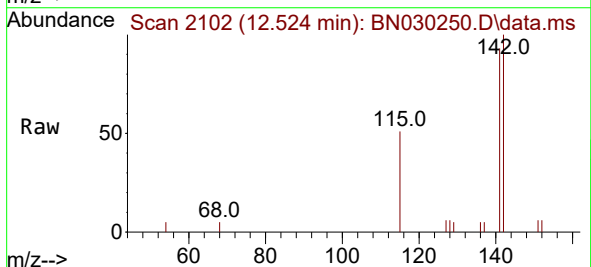
Instrument :
BNA_N
ClientSampleId :
SLCS330

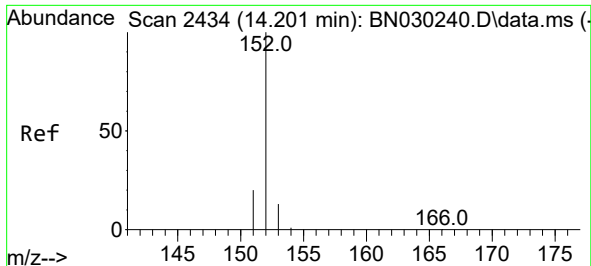
Tgt Ion:142 Resp: 1924
Ion Ratio Lower Upper
142 100
141 93.3 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.524 min Scan# 2102
Delta R.T. 0.004 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

Tgt Ion:142 Resp: 2069
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.2

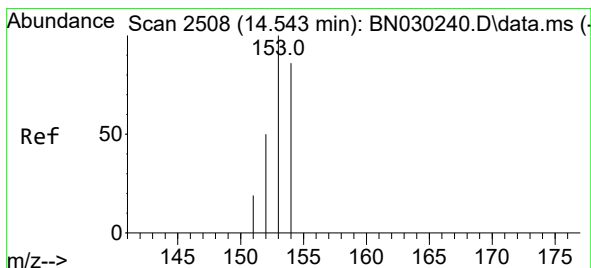
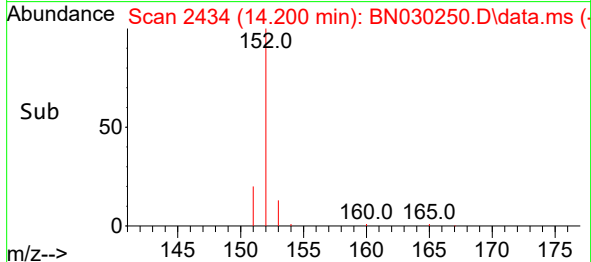
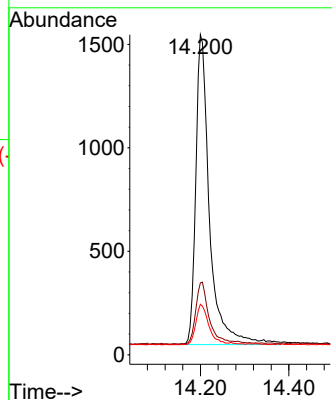
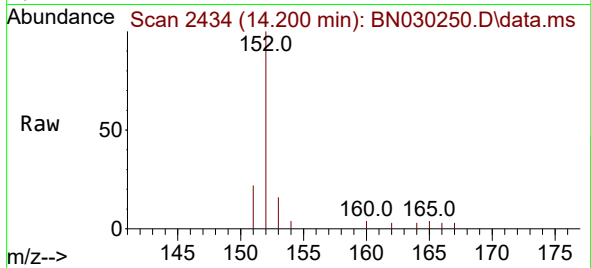




#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.200 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

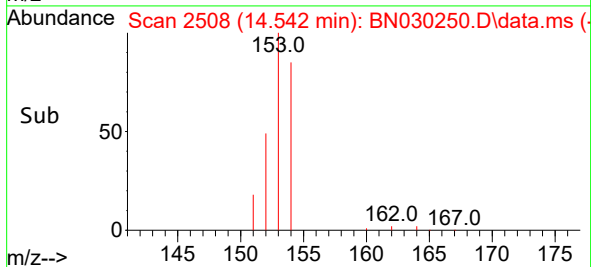
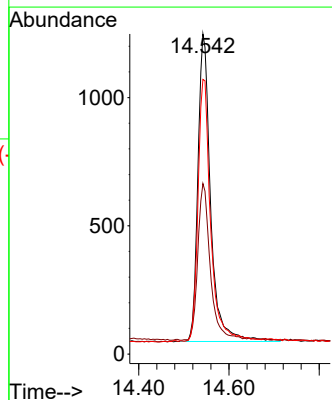
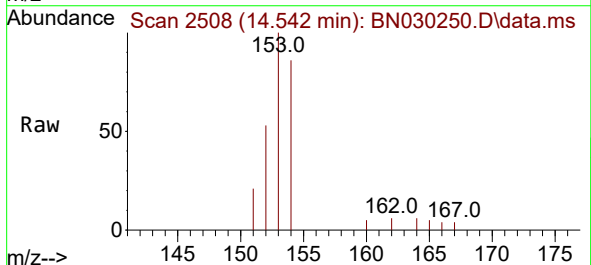
Instrument :
BNA_N
ClientSampleId :
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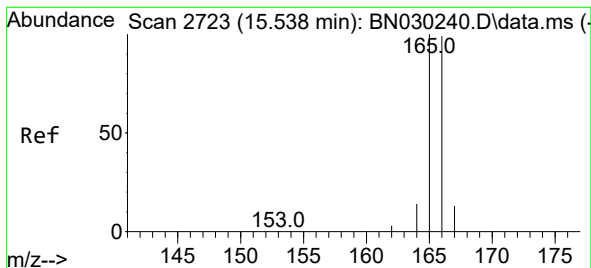
Tgt Ion:152 Resp: 3233
Ion Ratio Lower Upper
152 100
151 22.5 16.9 25.3
153 15.8 11.8 17.6



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.542 min Scan# 2508
Delta R.T. -0.001 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

Tgt Ion:153 Resp: 2357
Ion Ratio Lower Upper
153 100
152 53.3 43.2 64.8
154 85.8 67.5 101.3





#12

Fluorene

Concen: 0.420 ng/ul

RT: 15.541 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN030250.D

Acq: 04 Mar 2024 11:00

Instrument :

BNA_N

ClientSampleId :

SLCS330

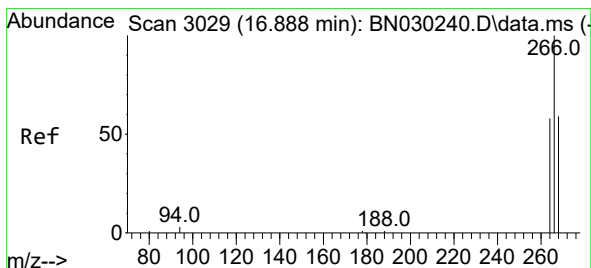
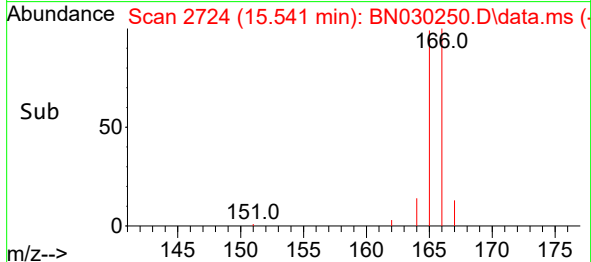
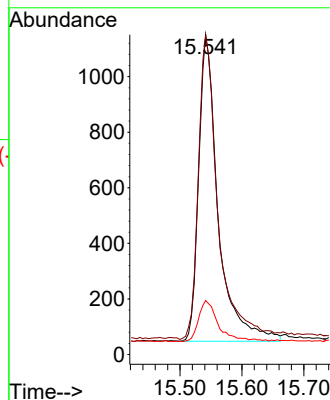
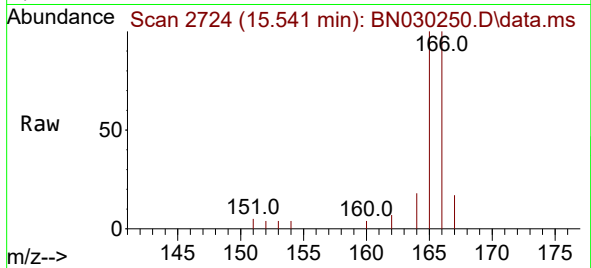
Tgt Ion:166 Resp: 2413

Ion Ratio Lower Upper

166 100

165 99.9 81.8 122.6

167 16.9 13.0 19.4



#14

Pentachlorophenol

Concen: 1.178 ng/ul

RT: 16.892 min Scan# 3030

Delta R.T. 0.003 min

Lab File: BN030250.D

Acq: 04 Mar 2024 11:00

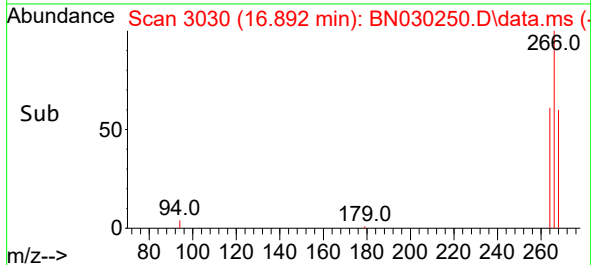
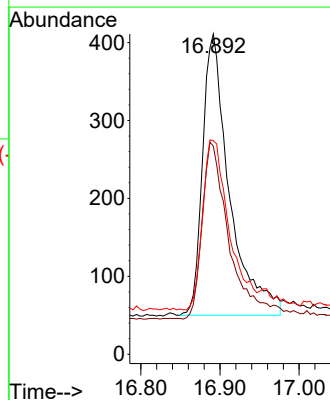
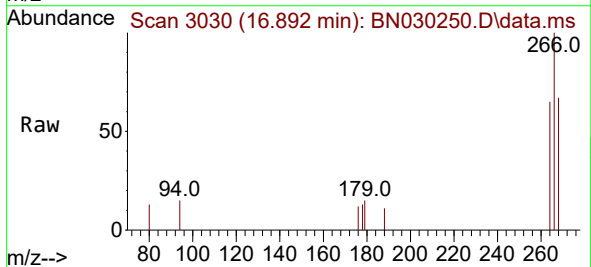
Tgt Ion:266 Resp: 852

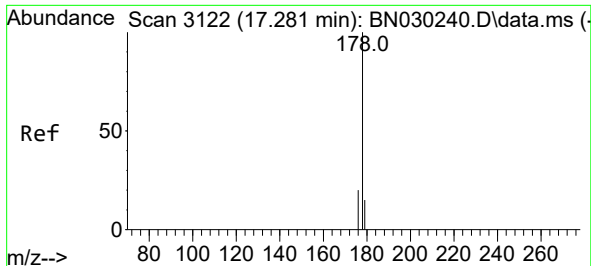
Ion Ratio Lower Upper

266 100

264 63.8 49.8 74.8

268 63.6 53.4 80.2

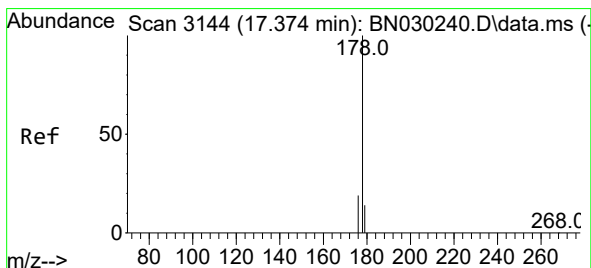
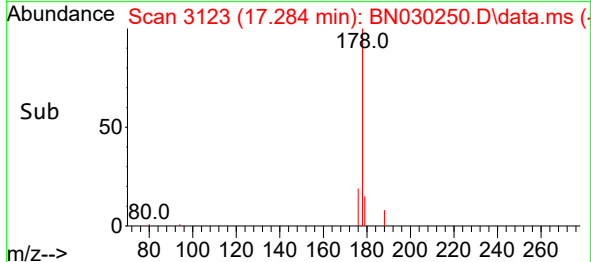
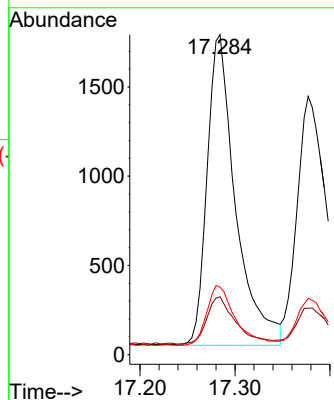
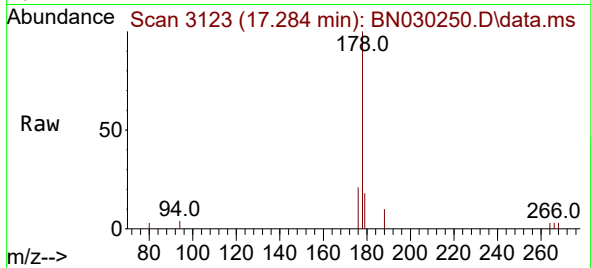




#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.284 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

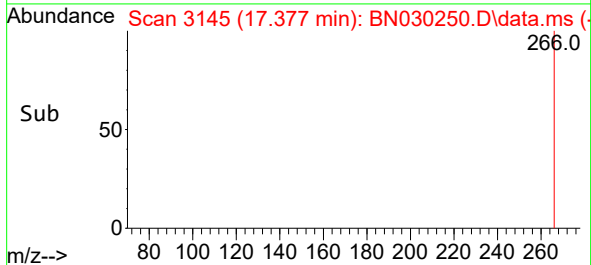
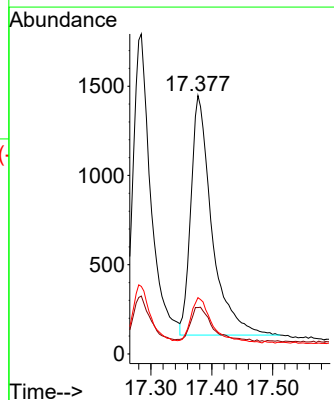
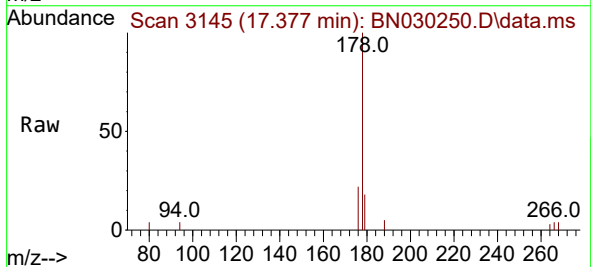
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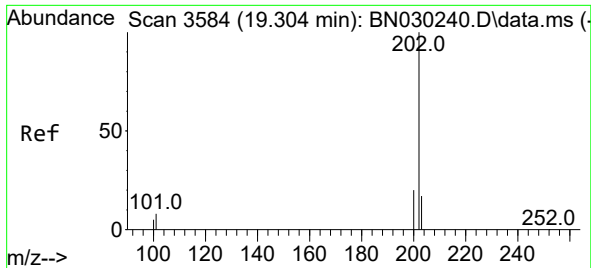
Tgt Ion:178 Resp: 3631
Ion Ratio Lower Upper
178 100
179 18.1 13.8 20.8
176 21.1 16.6 25.0



#16
Anthracene
Concen: 0.429 ng/ul
RT: 17.377 min Scan# 3145
Delta R.T. 0.003 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

Tgt Ion:178 Resp: 3208
Ion Ratio Lower Upper
178 100
179 18.0 14.8 22.2
176 21.8 17.8 26.6

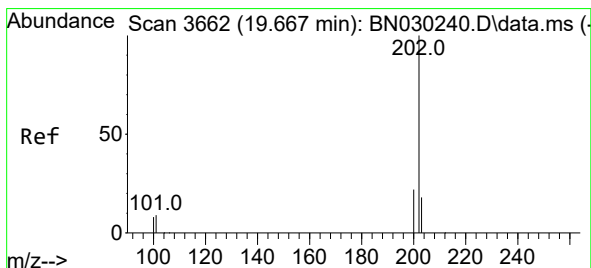
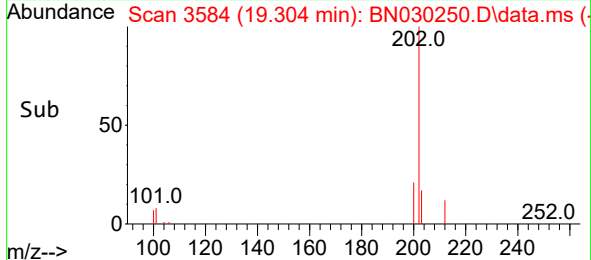
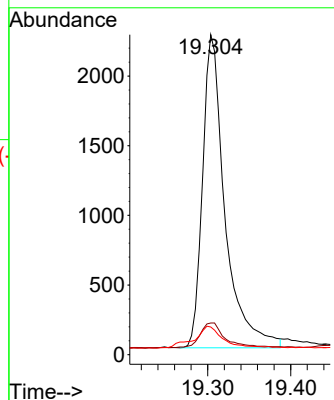
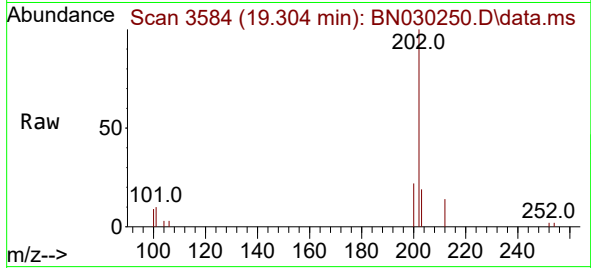




#19
Fluoranthene
Concen: 0.396 ng/ul
RT: 19.304 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

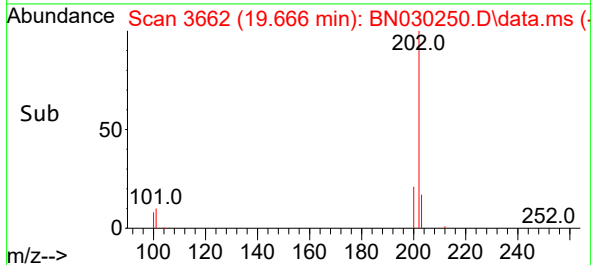
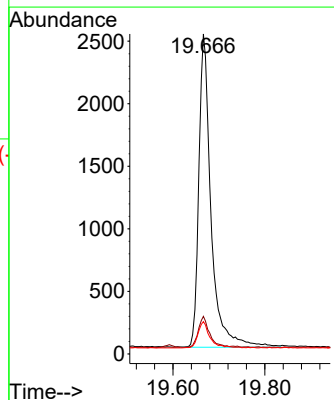
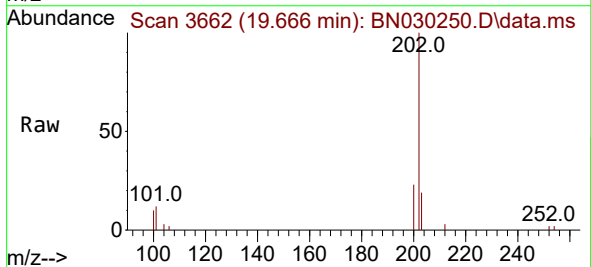
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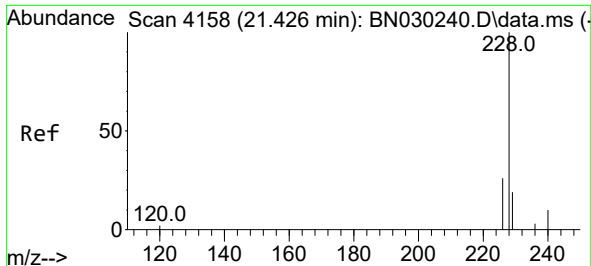
Tgt Ion:	202	Resp:	4233
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.8	13.2
100	8.7	7.4	11.2



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.666 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

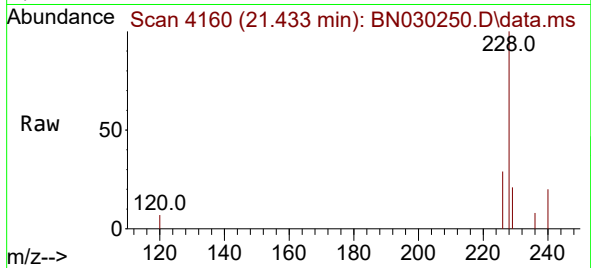
Tgt Ion:	202	Resp:	4619
Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.6	15.8
100	10.1	8.8	13.2



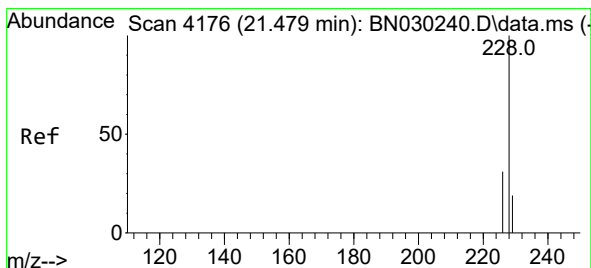
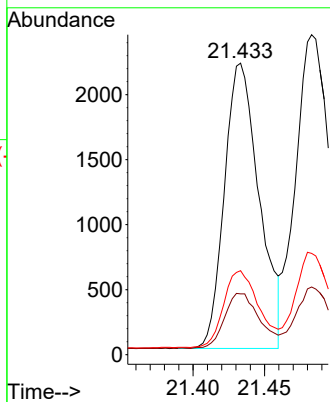
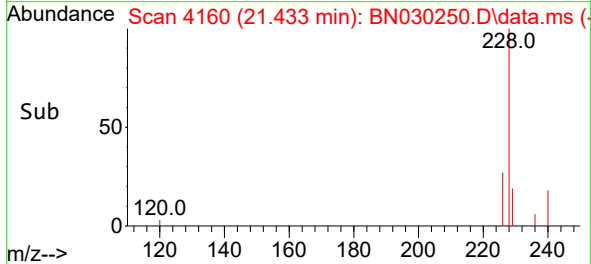


#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.433 min Scan# 4158
Delta R.T. 0.007 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

Instrument :
BNA_N
ClientSampleId :
SLCS330

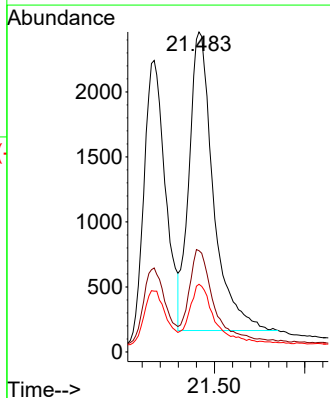
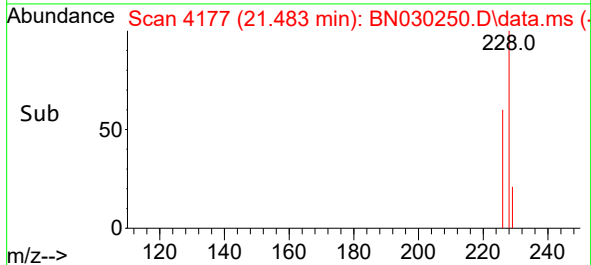
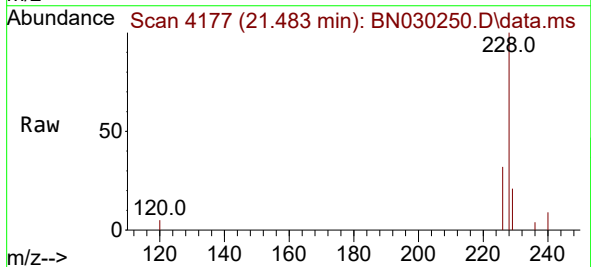


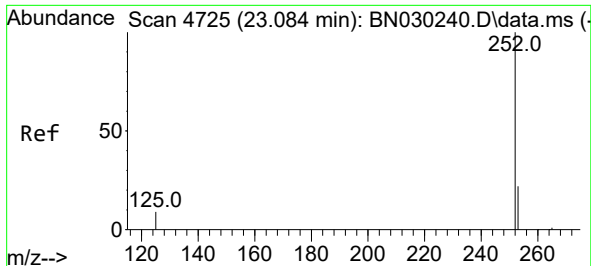
Tgt Ion:228 Resp: 3718
Ion Ratio Lower Upper
228 100
229 20.8 16.6 24.8
226 28.8 23.7 35.5



#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.483 min Scan# 4177
Delta R.T. 0.004 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

Tgt Ion:228 Resp: 4290
Ion Ratio Lower Upper
228 100
226 31.7 24.6 37.0
229 21.2 16.6 24.8

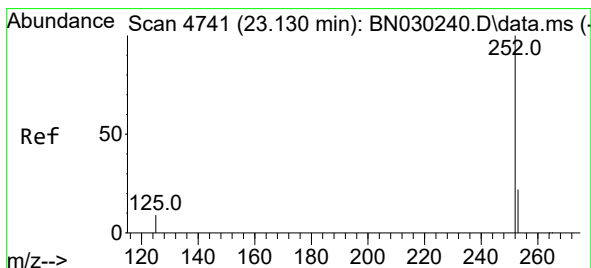
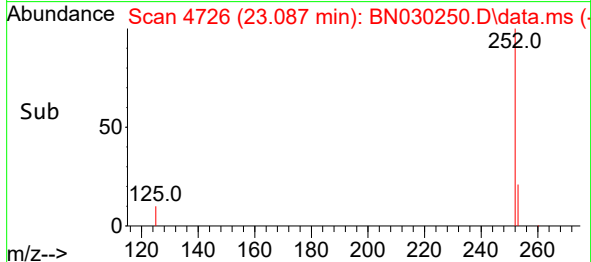
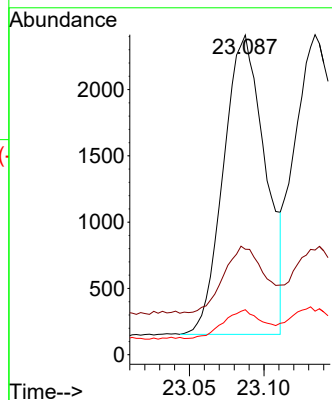
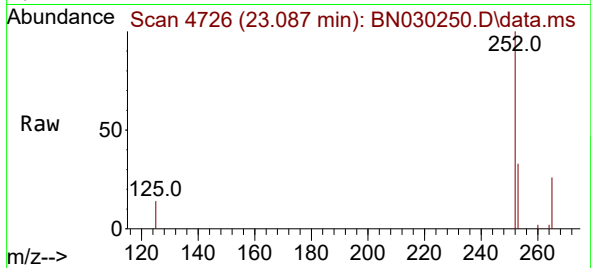




#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul
RT: 23.087 min Scan# 4725
Delta R.T. 0.004 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

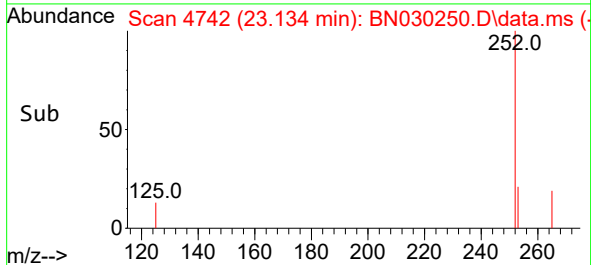
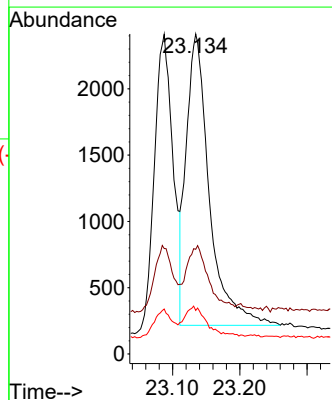
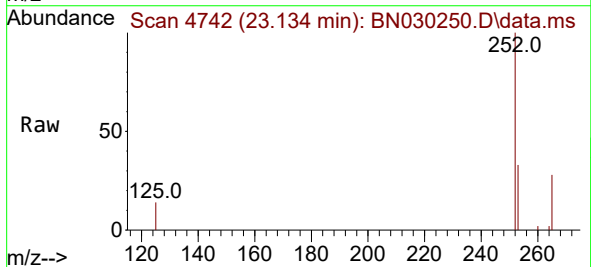
Instrument :
BNA_N
ClientSampleId :
SLCS330

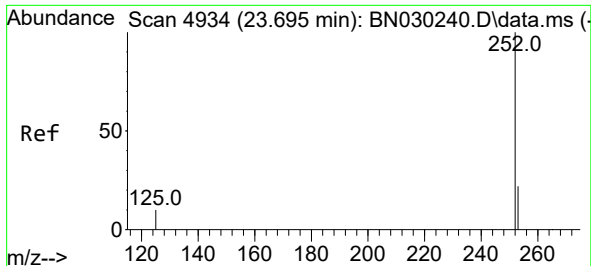
Tgt Ion:252 Resp: 4399
Ion Ratio Lower Upper
252 100
253 33.0 0.0 69.4
125 14.1 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.134 min Scan# 4742
Delta R.T. 0.004 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

Tgt Ion:252 Resp: 5259
Ion Ratio Lower Upper
252 100
253 32.7 28.0 42.0
125 13.6 14.4 21.6#

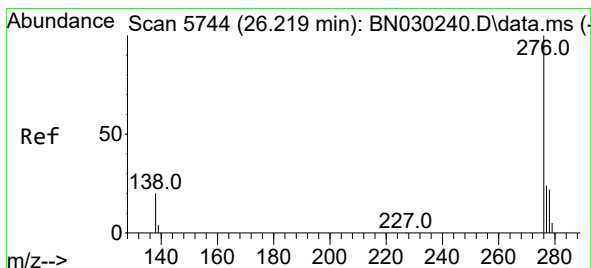
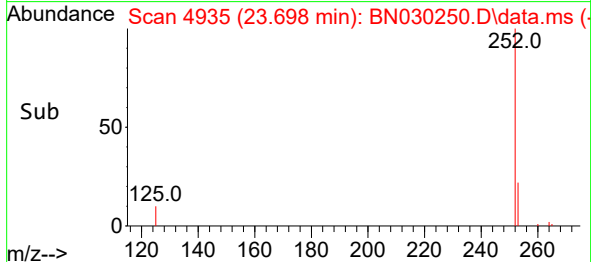
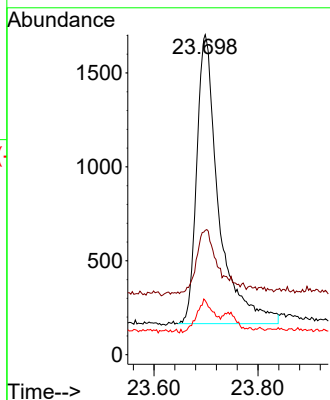
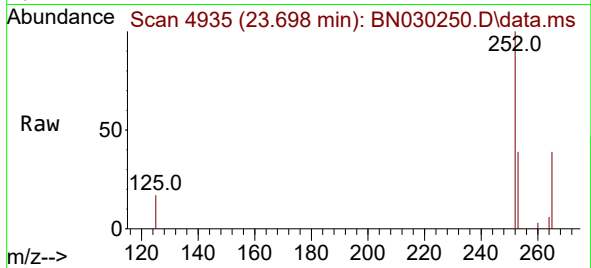




#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.698 min Scan# 4935
Delta R.T. 0.004 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

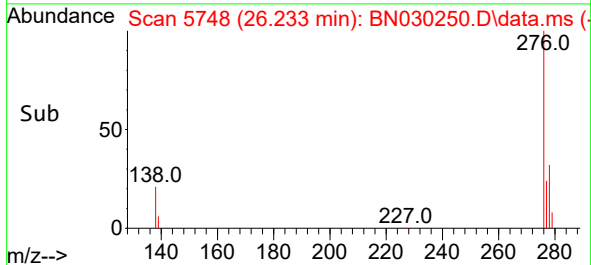
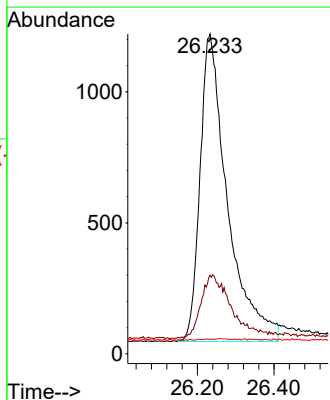
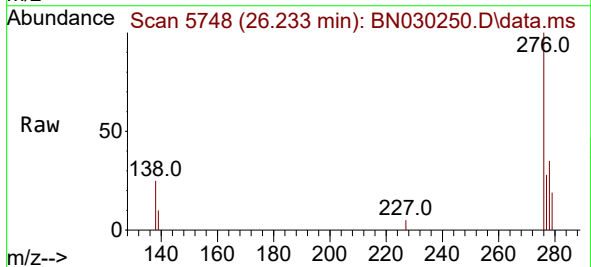
Instrument :
BNA_N
ClientSampleId :
SLCS330

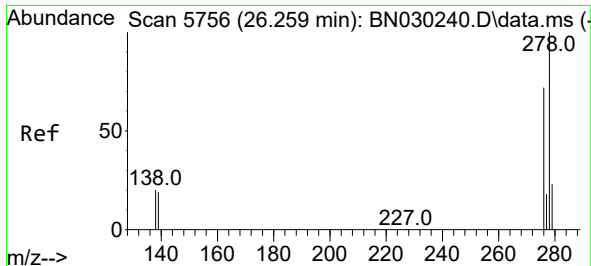
Tgt Ion:252 Resp: 4512
Ion Ratio Lower Upper
252 100
253 38.8 33.0 49.4
125 16.9 16.9 25.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 26.233 min Scan# 5748
Delta R.T. 0.014 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

Tgt Ion:276 Resp: 5848
Ion Ratio Lower Upper
276 100
138 23.6 20.9 31.3
227 0.0 0.1 0.1#

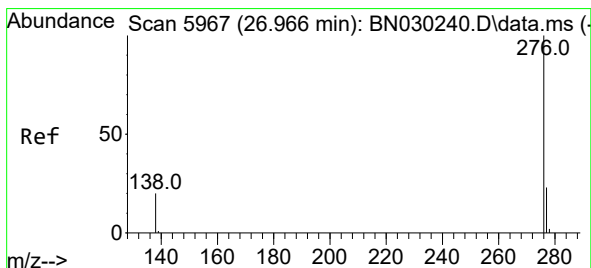
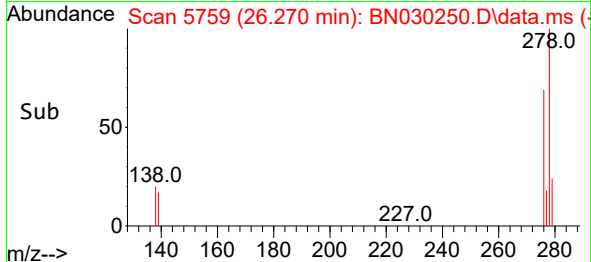
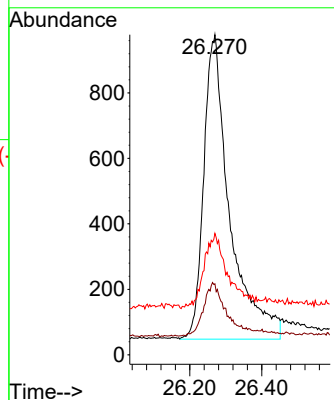
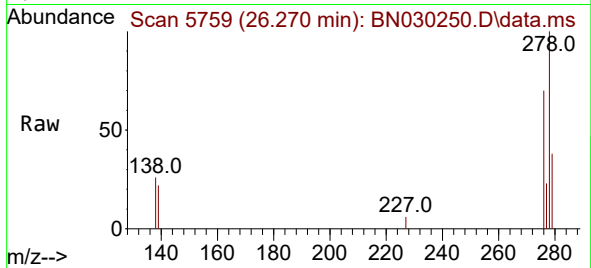




#28
Dibenzo(a,h)anthracene
Concen: 0.435 ng/ul
RT: 26.270 min Scan# 5759
Delta R.T. 0.011 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

Instrument :
BNA_N
ClientSampleId :
SLCS330

Tgt Ion:278 Resp: 4632
Ion Ratio Lower Upper
278 100
139 22.2 18.9 28.3
279 37.9 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.408 ng/ul
RT: 26.967 min Scan# 5967
Delta R.T. 0.001 min
Lab File: BN030250.D
Acq: 04 Mar 2024 11:00

Tgt Ion:276 Resp: 5215
Ion Ratio Lower Upper
276 100
138 23.4 22.6 33.8
277 27.2 21.9 32.9

