

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036097.D
 Acq On : 29 Jan 2025 05:54
 Operator : RC/JU
 Sample : PB166312BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS312

Quant Time: Jan 29 08:09:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

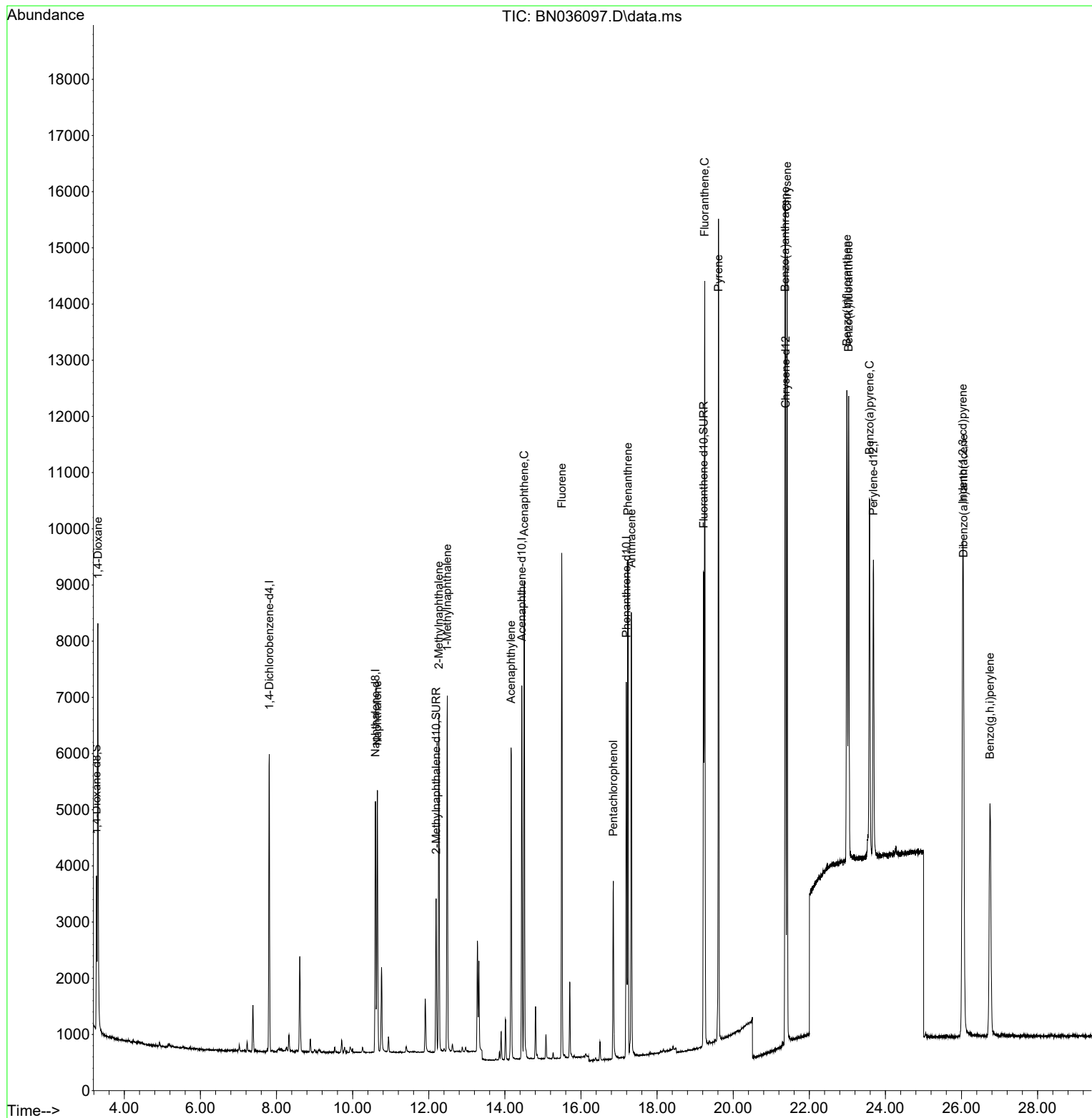
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	2530	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	5876	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	3566	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	7796	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	7438	0.400	ng/ul	0.00
23) Perylene-d12	23.683	264	7103	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1724	0.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	3527	0.475	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	9667	0.473	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	4760	1.610	ng/ul	90
5) Naphthalene	10.649	128	6205	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.266	142	4091	0.407	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	4174	0.409	ng/ul	100
10) Acenaphthylene	14.163	152	6277	0.373	ng/ul	99
11) Acenaphthene	14.510	153	4848	0.392	ng/ul	98
12) Fluorene	15.495	166	5450	0.399	ng/ul	100
14) Pentachlorophenol	16.849	266	2178	0.797	ng/ul	100
15) Phenanthrene	17.233	178	9053	0.397	ng/ul	99
16) Anthracene	17.322	178	8408	0.396	ng/ul	100
19) Fluoranthene	19.252	202	11477	0.406	ng/ul	99
20) Pyrene	19.614	202	11993	0.406	ng/ul	100
21) Benzo(a)anthracene	21.365	228	11420	0.430	ng/ul	99
22) Chrysene	21.418	228	11587	0.427	ng/ul	99
24) Benzo(b)fluoranthene	22.987	252	10761	0.454	ng/ul	94
25) Benzo(k)fluoranthene	23.034	252	10793	0.433	ng/ul	94
26) Benzo(a)pyrene	23.581	252	9412	0.440	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.034	276	11431	0.404	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.051	278	9115	0.418	ng/ul	97
29) Benzo(g,h,i)perylene	26.749	276	9048	0.411	ng/ul	98

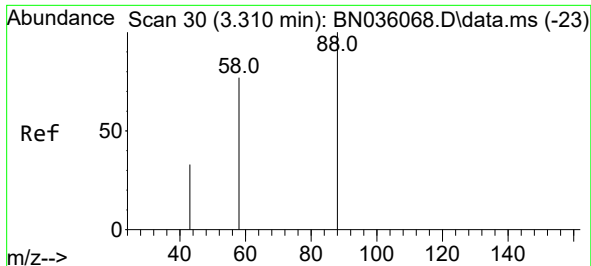
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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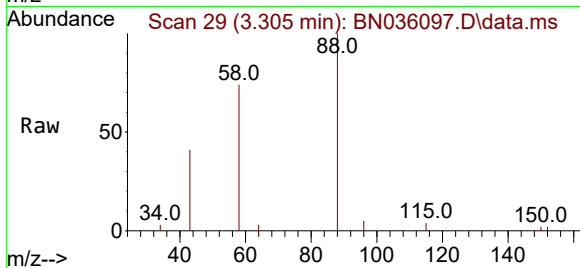
Quant Time: Jan 29 08:09:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



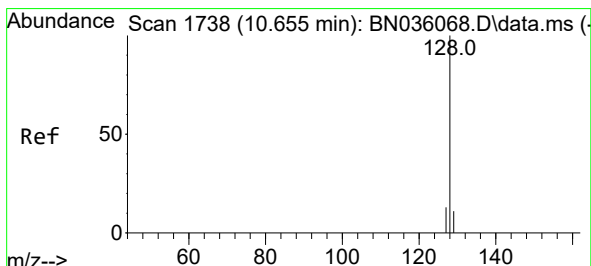
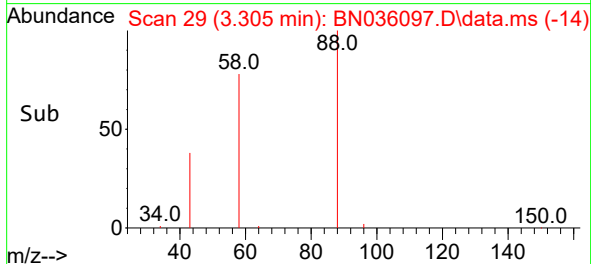
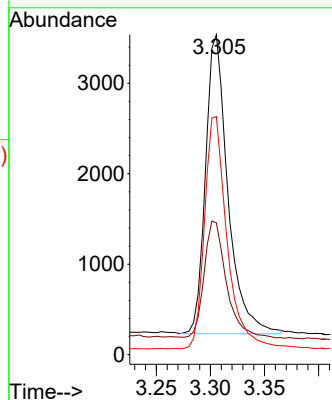


#2
1,4-Dioxane
Concen: 1.610 ng/ul
RT: 3.305 min Scan# 29
Delta R.T. -0.009 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Instrument :
BNA_N
ClientSampleId :
SLCS312

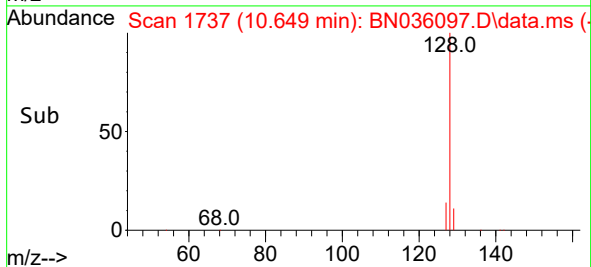
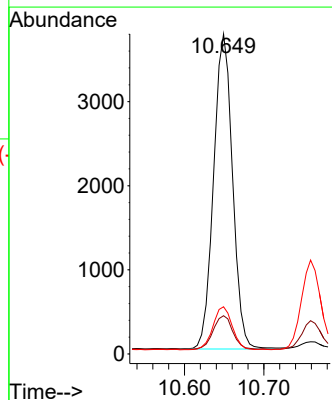
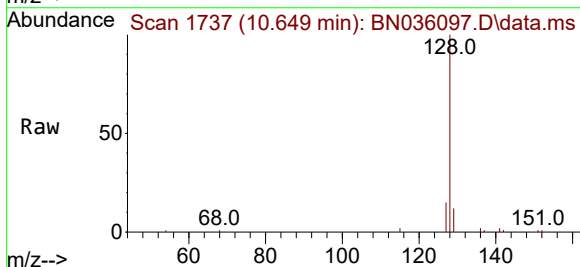


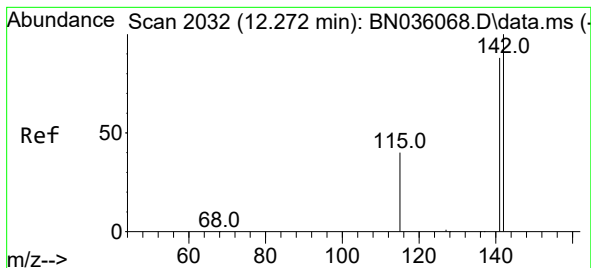
Tgt Ion: 88 Resp: 4760
Ion Ratio Lower Upper
88 100
43 41.2 40.7 61.1
58 74.4 55.2 82.8



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.649 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion: 128 Resp: 6205
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.7 12.0 18.0

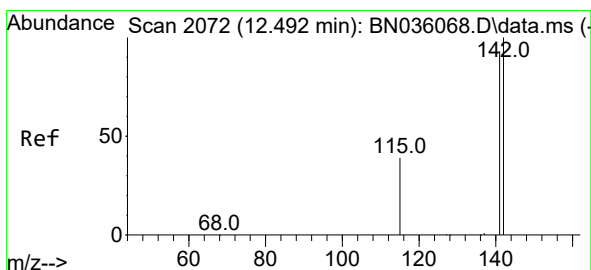
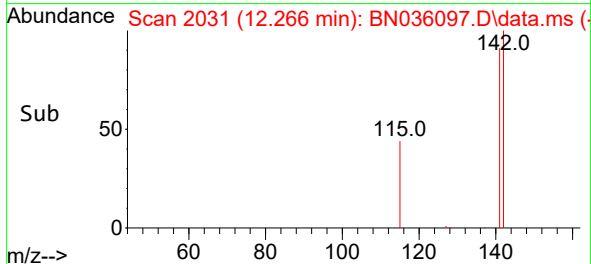
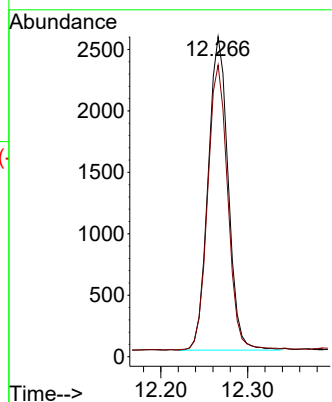
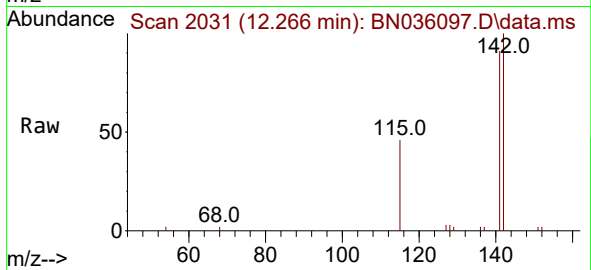




#7
2-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.266 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

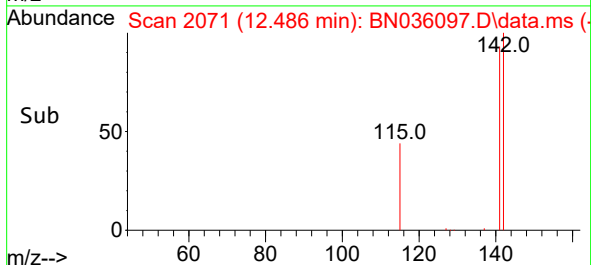
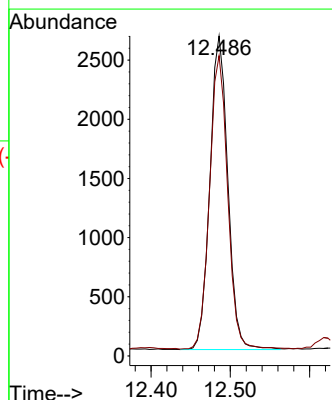
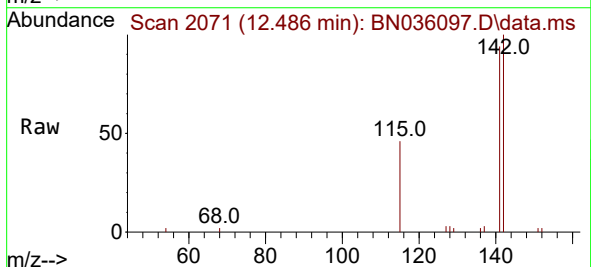
Instrument :
BNA_N
ClientSampleId :
SLCS312

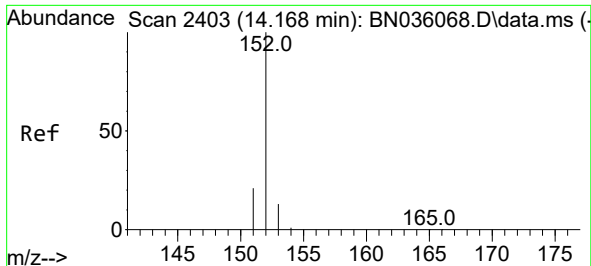
Tgt Ion:142 Resp: 4091
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion:142 Resp: 4174
Ion Ratio Lower Upper
142 100
141 94.3 75.2 112.8

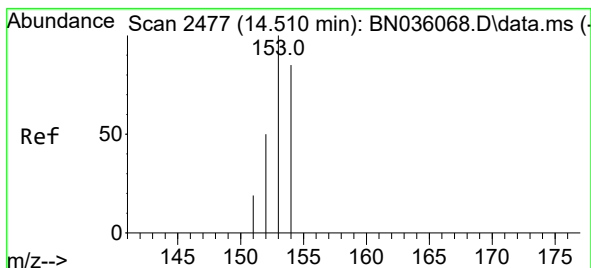
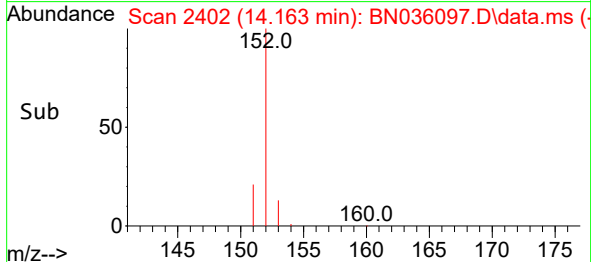
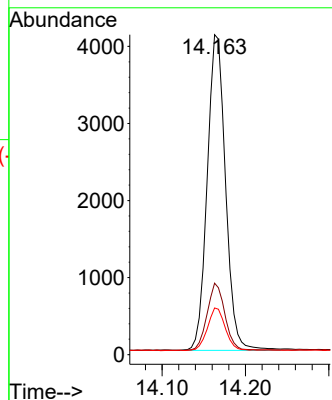
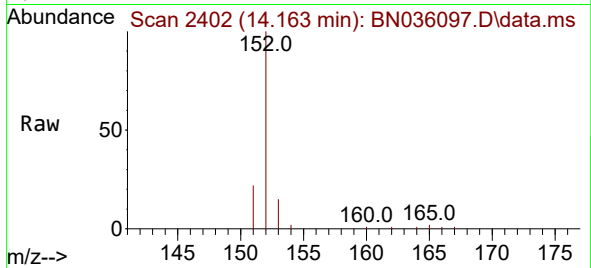




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.163 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

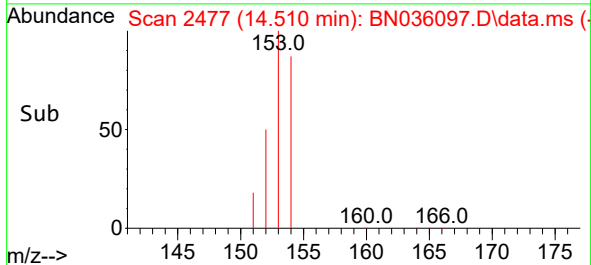
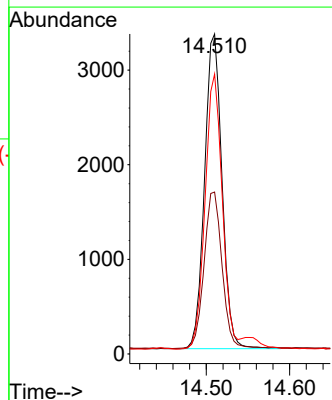
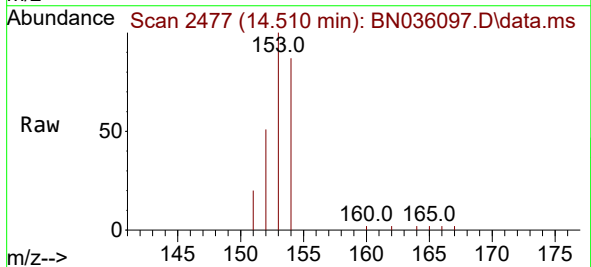
Instrument :
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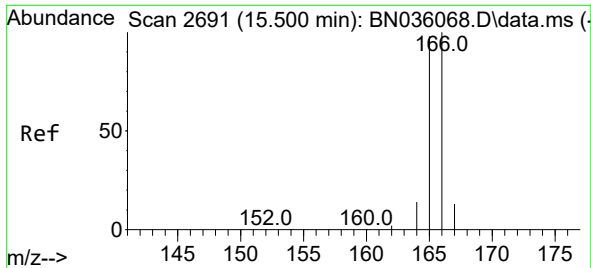
Tgt Ion:152 Resp: 6277
Ion Ratio Lower Upper
152 100
151 22.3 17.4 26.2
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion:153 Resp: 4848
Ion Ratio Lower Upper
153 100
152 50.6 43.2 64.8
154 87.5 70.5 105.7

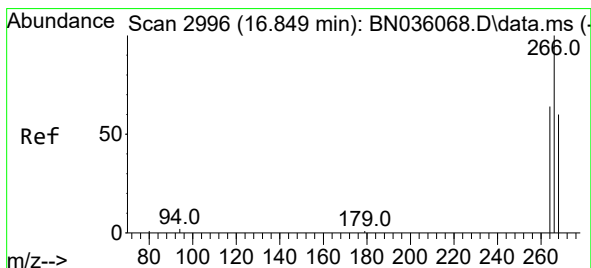
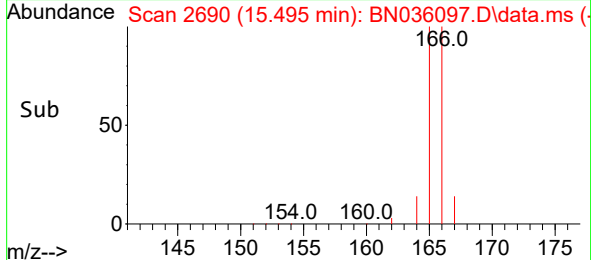
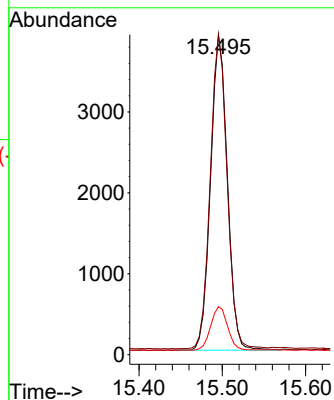
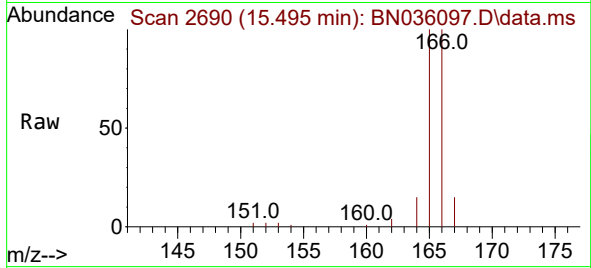




#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.495 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

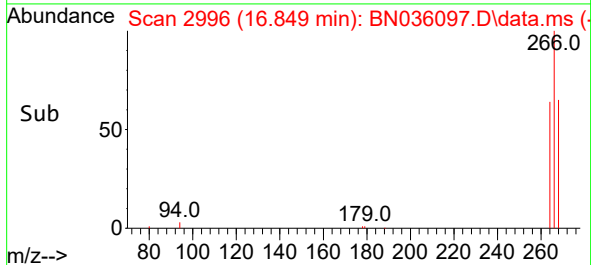
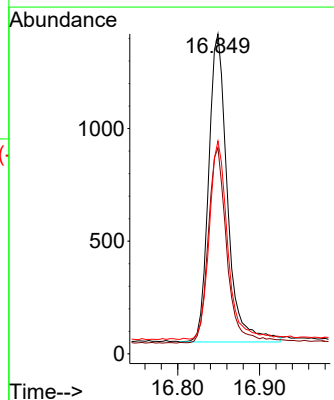
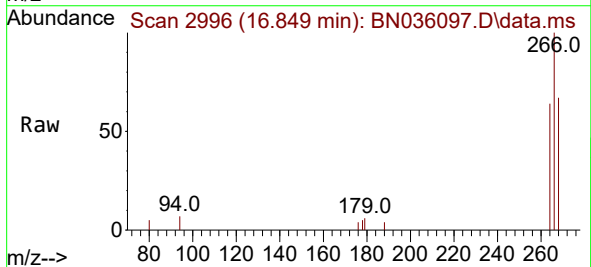
Instrument :
BNA_N
ClientSampleId :
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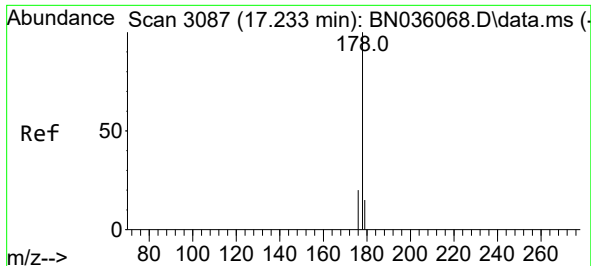
Tgt Ion:166 Resp: 5450
Ion Ratio Lower Upper
166 100
165 100.1 80.3 120.5
167 15.0 12.3 18.5



#14
Pentachlorophenol
Concen: 0.797 ng/ul
RT: 16.849 min Scan# 2996
Delta R.T. 0.008 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion:266 Resp: 2178
Ion Ratio Lower Upper
266 100
264 62.9 50.6 75.8
268 63.5 50.6 75.8

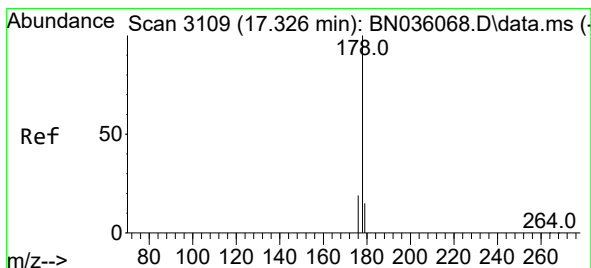
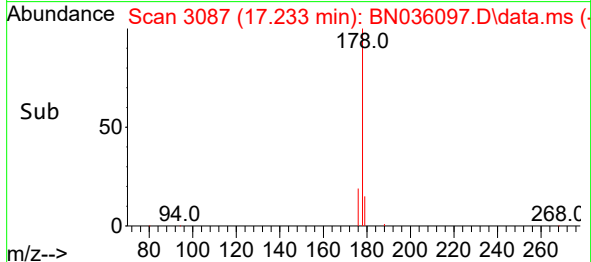
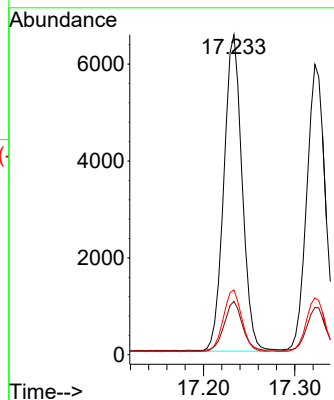
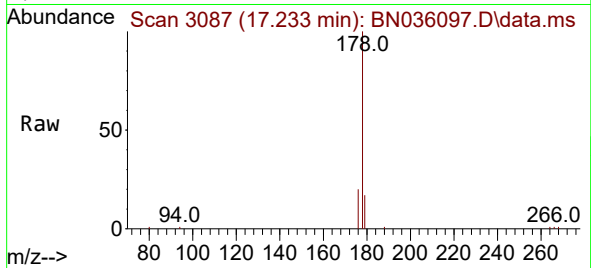




#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.233 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

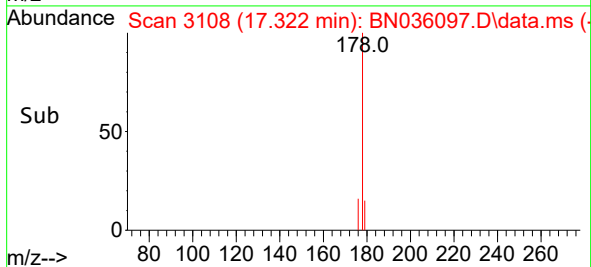
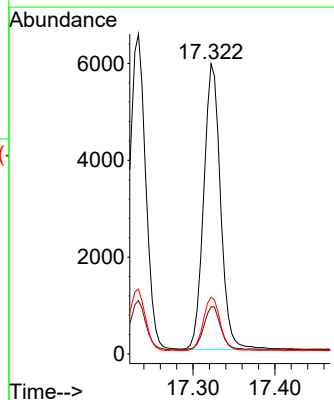
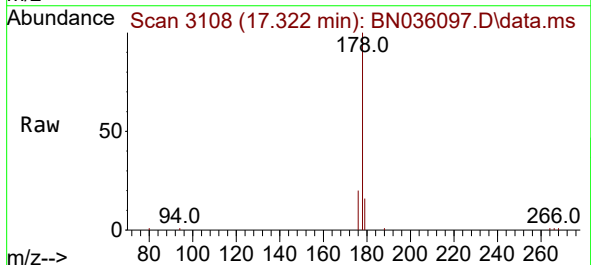
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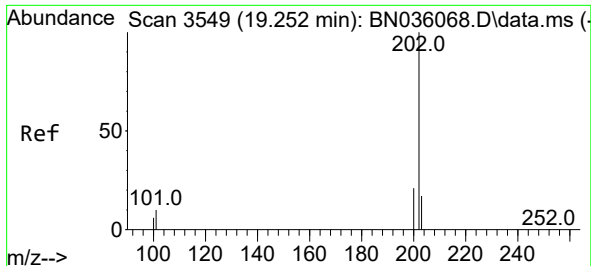
Tgt Ion:178	Resp:	9053
Ion	Ratio	Lower Upper
178	100	
179	16.7	13.2 19.8
176	20.3	16.8 25.2



#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion:178	Resp:	8408
Ion	Ratio	Lower Upper
178	100	
179	16.2	13.0 19.4
176	19.6	15.9 23.9

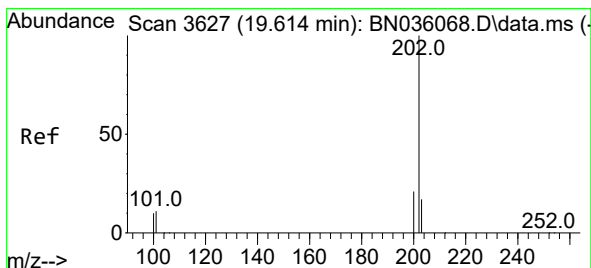
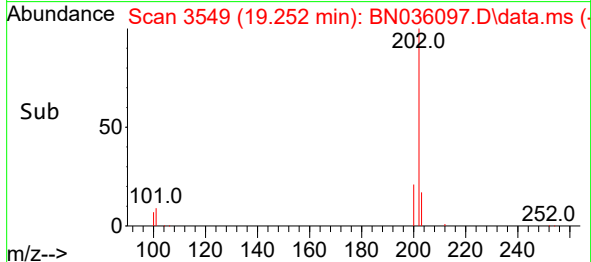
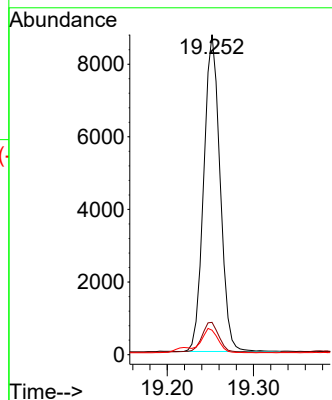
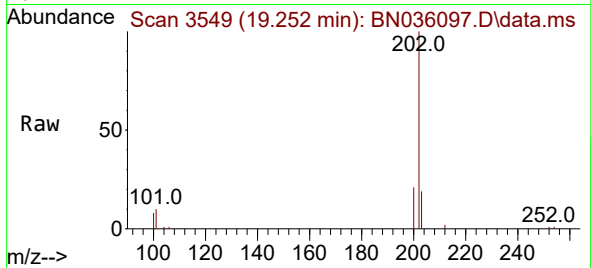




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.252 min Scan# 3549
Delta R.T. 0.005 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

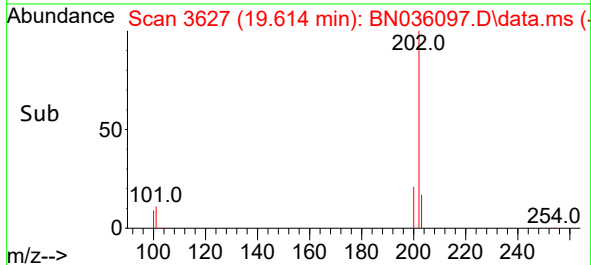
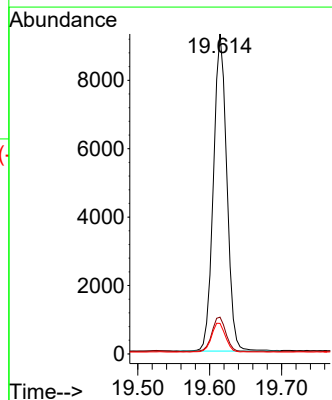
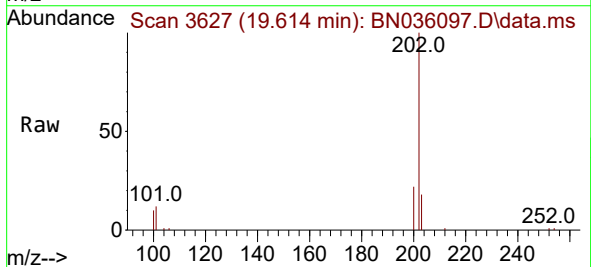
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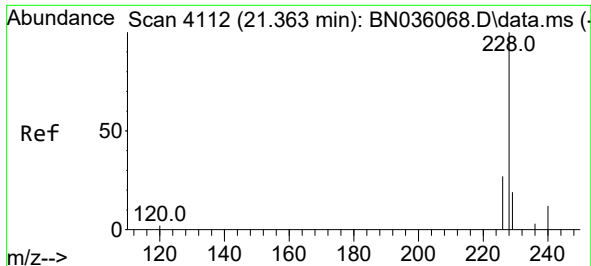
Tgt Ion:202 Resp: 11477
Ion Ratio Lower Upper
202 100
101 10.1 8.4 12.6
100 7.7 6.5 9.7



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.614 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion:202 Resp: 11993
Ion Ratio Lower Upper
202 100
101 11.5 9.3 13.9
100 9.5 7.5 11.3

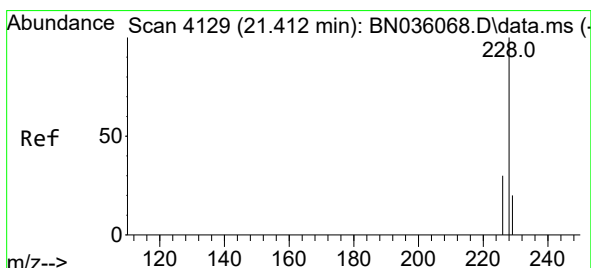
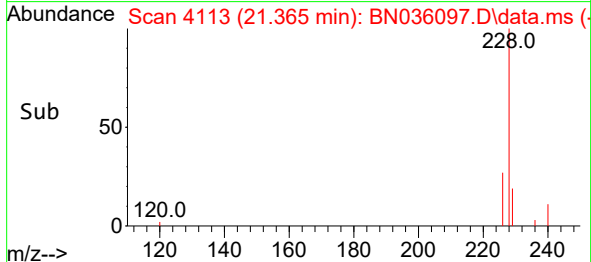
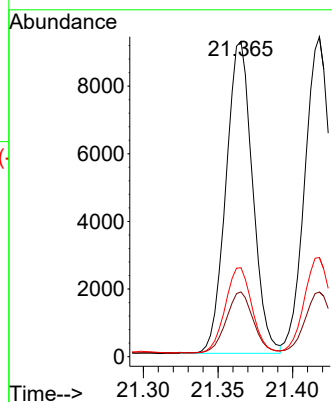
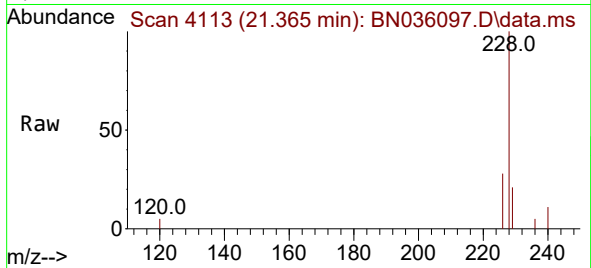




#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.365 min Scan# 4112
Delta R.T. 0.012 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

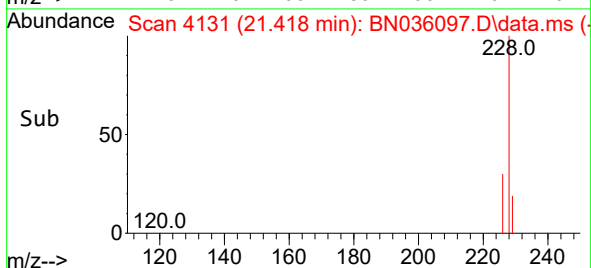
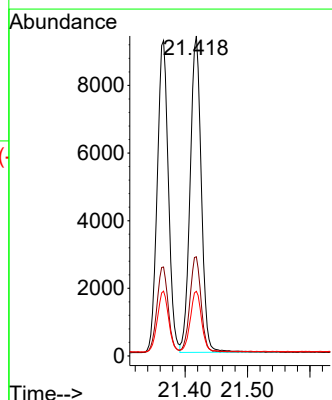
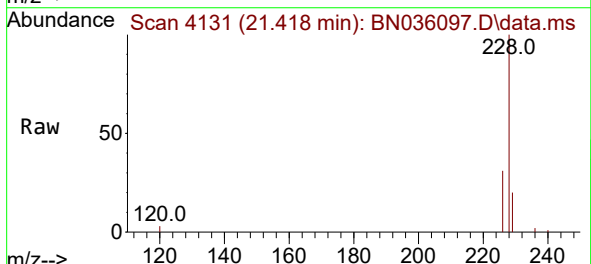
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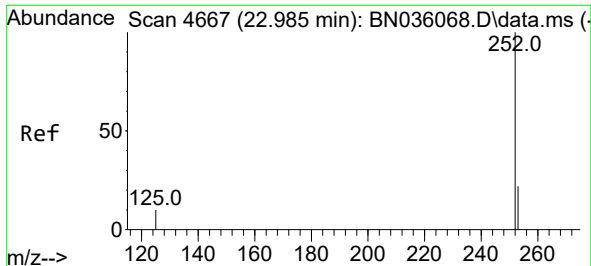
Tgt Ion:228 Resp: 11420
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.2 22.8 34.2



#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.418 min Scan# 4131
Delta R.T. 0.012 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion:228 Resp: 11587
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 20.2 15.9 23.9

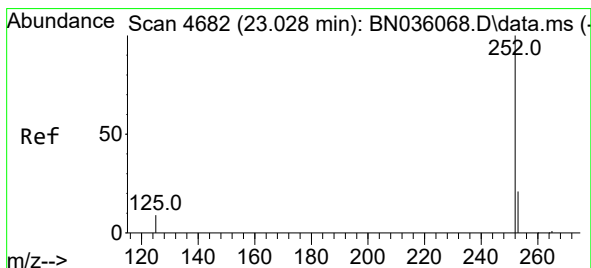
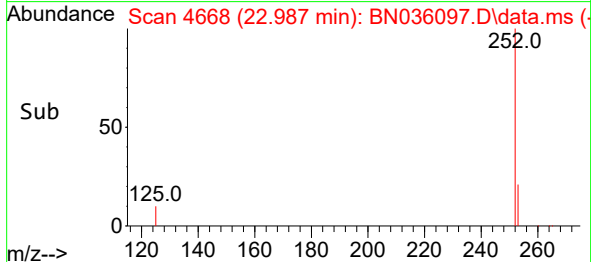
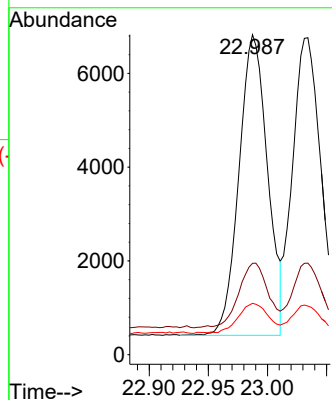
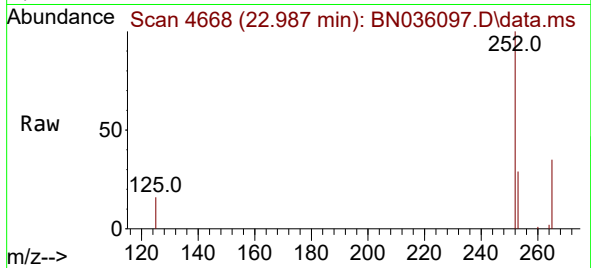




#24
Benzo(b)fluoranthene
Concen: 0.454 ng/ul
RT: 22.987 min Scan# 4667
Delta R.T. 0.015 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

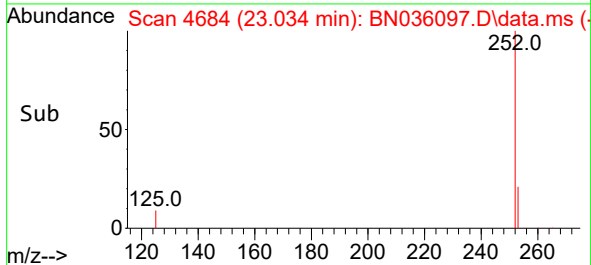
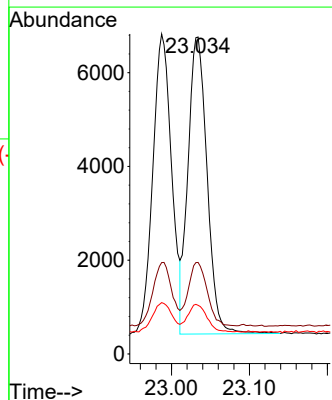
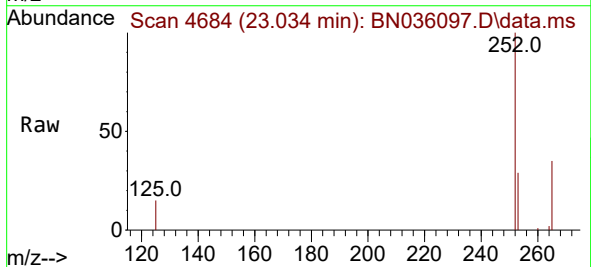
Instrument :
BNA_N
ClientSampleId :
SLCS312

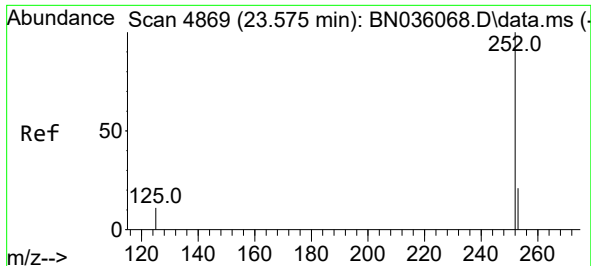
Tgt Ion:252 Resp: 10761
Ion Ratio Lower Upper
252 100
253 28.6 0.0 51.2
125 16.0 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 23.034 min Scan# 4684
Delta R.T. 0.015 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion:252 Resp: 10793
Ion Ratio Lower Upper
252 100
253 28.9 20.2 30.4
125 15.3 10.6 16.0

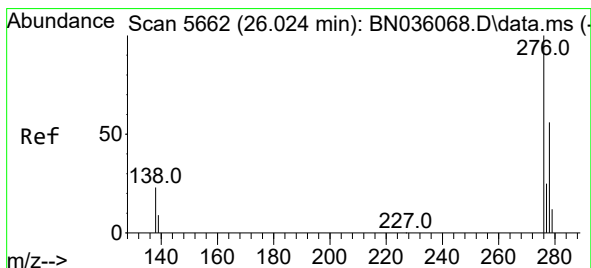
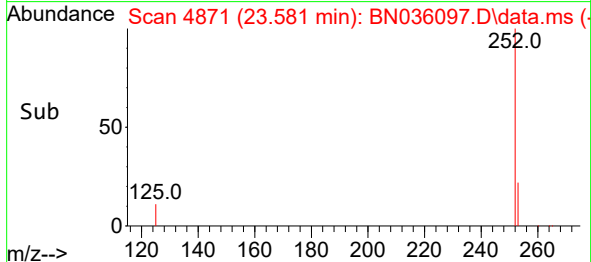
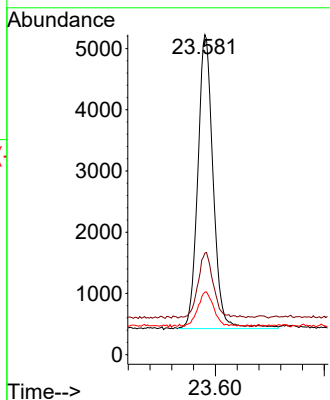
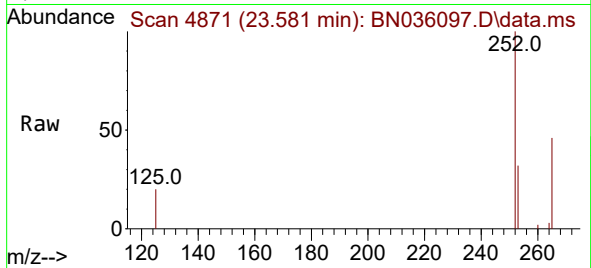




#26
Benzo(a)pyrene
Concen: 0.440 ng/ul
RT: 23.581 min Scan# 4869
Delta R.T. 0.017 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

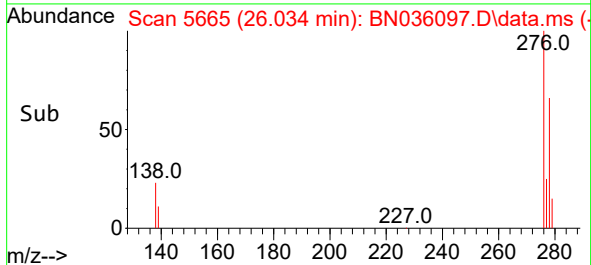
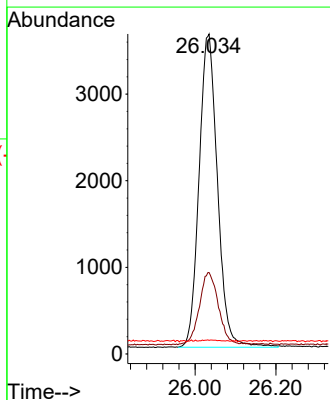
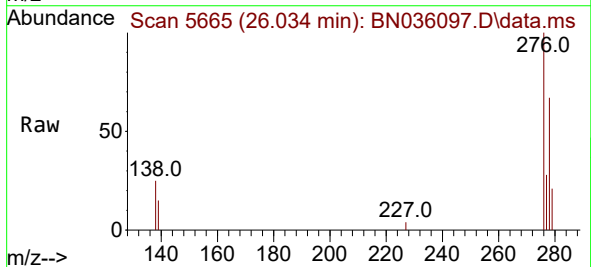
Instrument :
BNA_N
ClientSampleId :
SLCS312

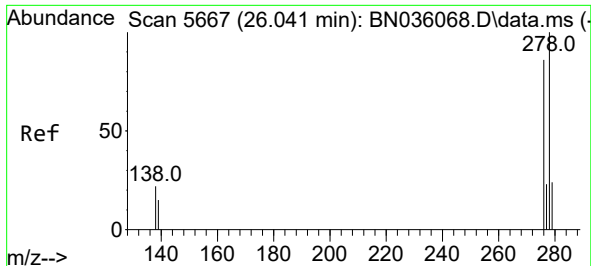
Tgt Ion:252 Resp: 9412
Ion Ratio Lower Upper
252 100
253 31.7 22.2 33.4
125 19.6 13.1 19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.034 min Scan# 5665
Delta R.T. 0.030 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion:276 Resp: 11431
Ion Ratio Lower Upper
276 100
138 23.8 20.2 30.4
227 0.4 0.1 0.1#

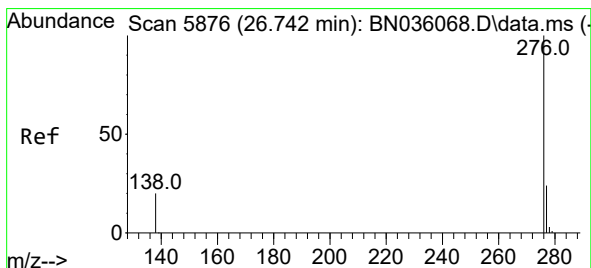
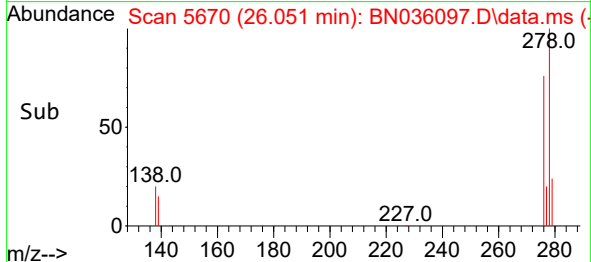
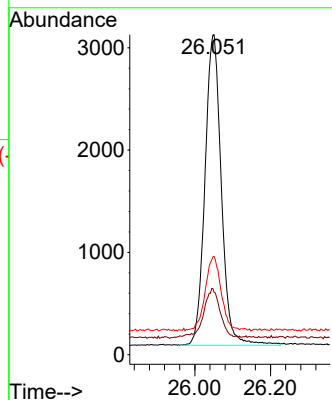
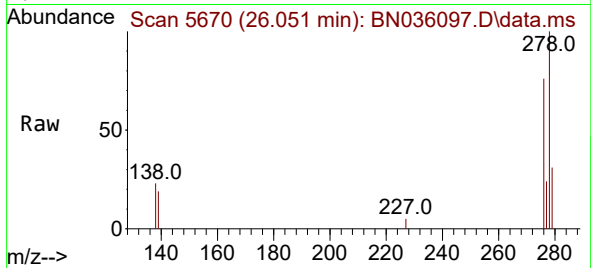




#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 26.051 min Scan# 5667
Delta R.T. 0.030 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Instrument :
BNA_N
ClientSampleId :
SLCS312

Tgt Ion:278 Resp: 9115
Ion Ratio Lower Upper
278 100
139 19.5 15.4 23.2
279 30.7 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.749 min Scan# 5878
Delta R.T. 0.030 min
Lab File: BN036097.D
Acq: 29 Jan 2025 05:54

Tgt Ion:276 Resp: 9048
Ion Ratio Lower Upper
276 100
138 22.9 19.4 29.0
277 27.3 21.1 31.7

