

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036101.D
 Acq On : 29 Jan 2025 08:54
 Operator : RC/JU
 Sample : PB166315BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS315

Quant Time: Jan 29 09:15:34 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)

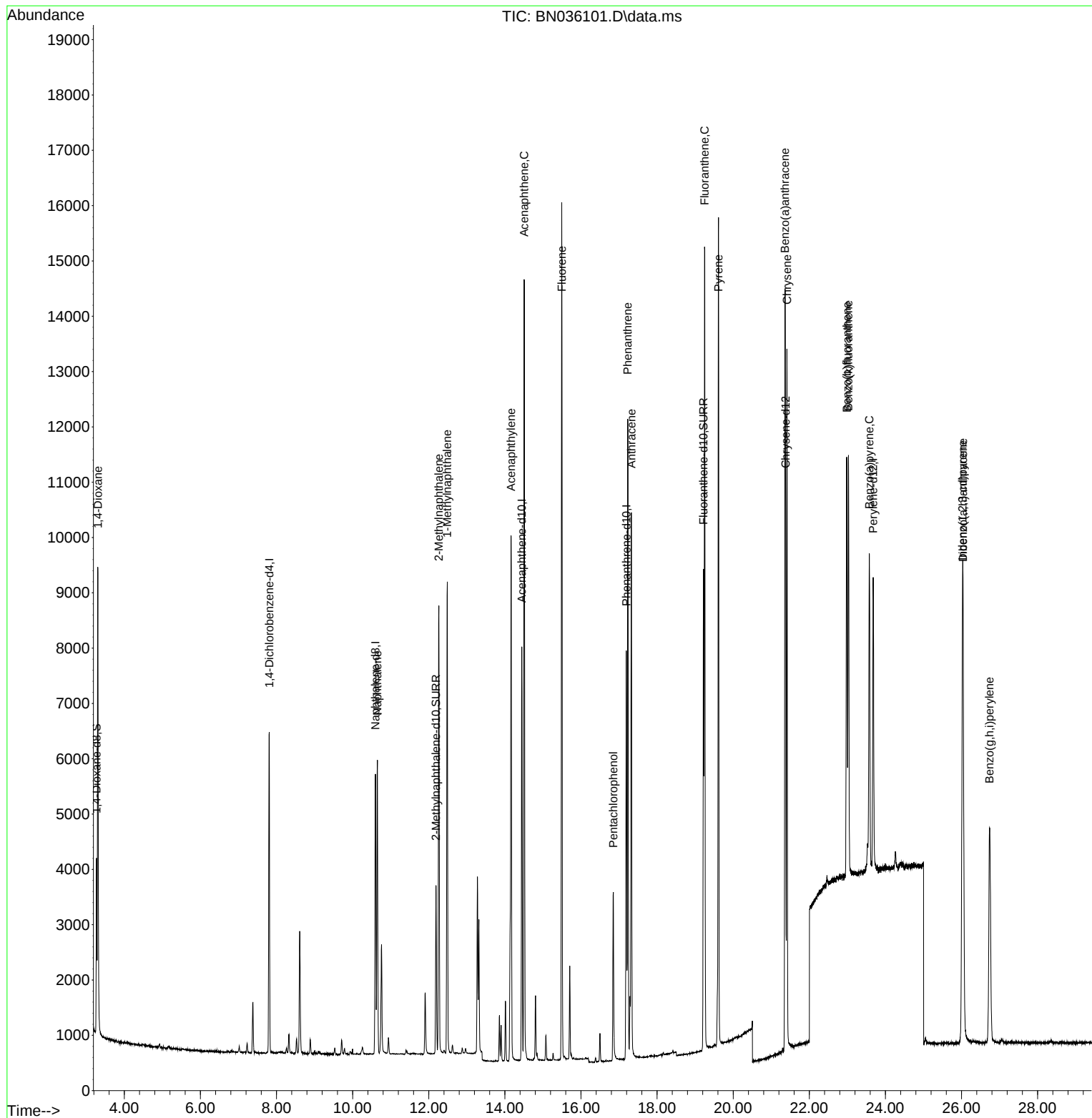
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	2830	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	6534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	4002	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	8784	0.400	ng/ul	0.00
17) Chrysene-d12	21.377	240	7320	0.400	ng/ul	0.00
23) Perylene-d12	23.677	264	6958	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1952	0.630	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	3847	0.466	ng/ul	-0.01
18) Fluoranthene-d10	19.219	212	9726	0.484	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	5329	1.611	ng/ul#	89
5) Naphthalene	10.649	128	7117	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	5540	0.495	ng/ul	100
8) 1-Methylnaphthalene	12.486	142	5692	0.502	ng/ul	99
10) Acenaphthylene	14.163	152	10474	0.555	ng/ul	98
11) Acenaphthene	14.510	153	8117	0.585	ng/ul	97
12) Fluorene	15.495	166	9276	0.605	ng/ul	99
14) Pentachlorophenol	16.849	266	2112	0.686	ng/ul	98
15) Phenanthrene	17.229	178	12032	0.468	ng/ul	99
16) Anthracene	17.322	178	10535	0.441	ng/ul	100
19) Fluoranthene	19.252	202	12508	0.450	ng/ul	97
20) Pyrene	19.614	202	12954	0.446	ng/ul	99
21) Benzo(a)anthracene	21.359	228	10616	0.406	ng/ul	99
22) Chrysene	21.412	228	10728	0.402	ng/ul	99
24) Benzo(b)fluoranthene	22.984	252	9657	0.416	ng/ul	92
25) Benzo(k)fluoranthene	23.028	252	9694	0.397	ng/ul	94
26) Benzo(a)pyrene	23.578	252	8615	0.411	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.024	276	10972	0.396	ng/ul	97
28) Dibenzo(a,h)anthracene	26.041	278	8665	0.405	ng/ul	97
29) Benzo(g,h,i)perylene	26.735	276	8663	0.402	ng/ul	97

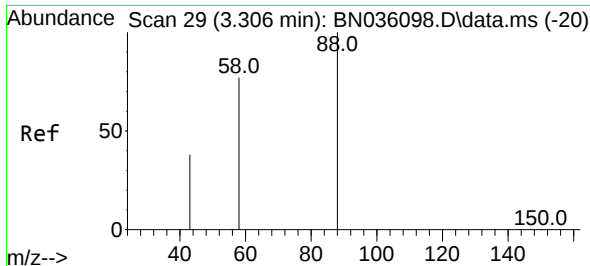
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

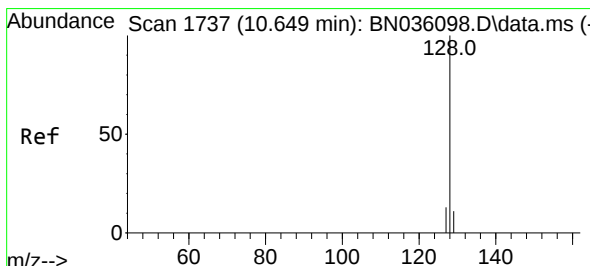
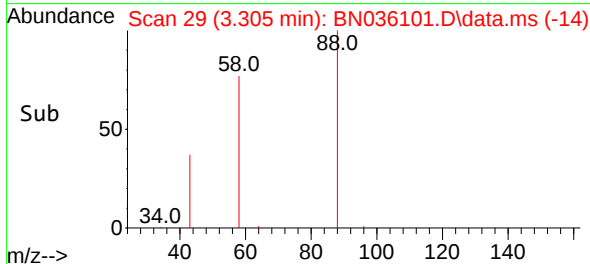
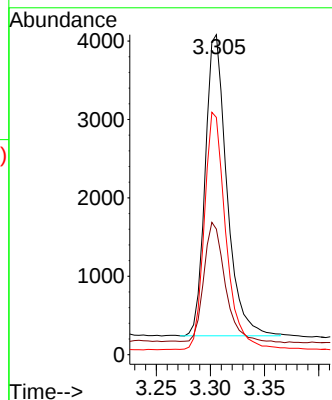
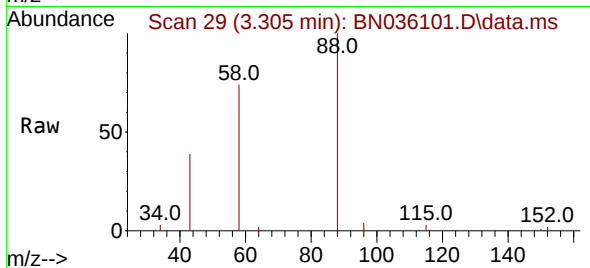




#2
1,4-Dioxane
Concen: 1.611 ng/ul
RT: 3.305 min Scan# 29
Delta R.T. -0.009 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

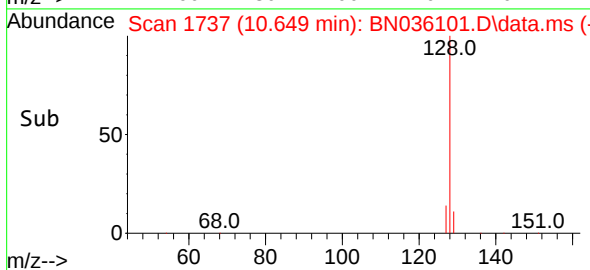
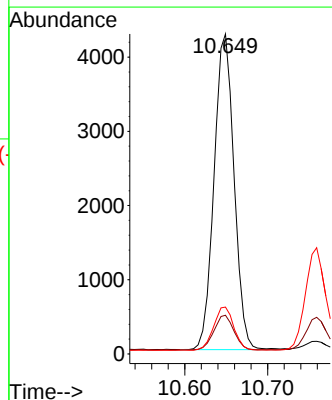
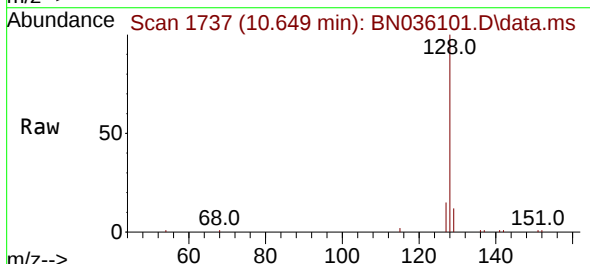
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BNA_N
ClientSampleId :
SLCS315

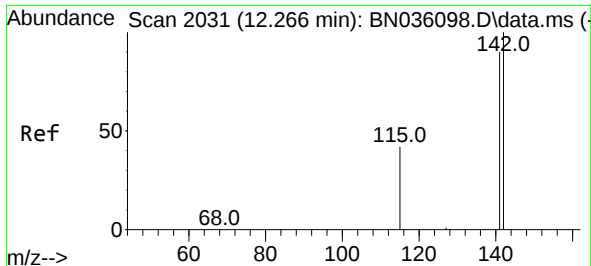
Tgt Ion: 88 Resp: 5329
Ion Ratio Lower Upper
88 100
43 39.2 40.7 61.1#
58 74.2 55.2 82.8



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.649 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Tgt Ion:128 Resp: 7117
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 14.6 12.0 18.0

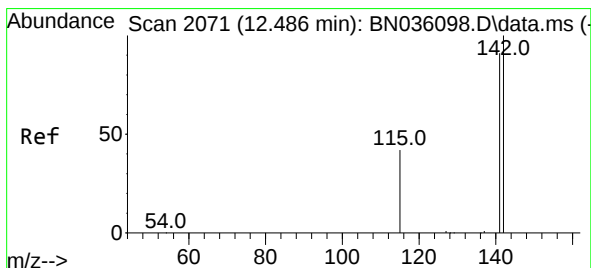
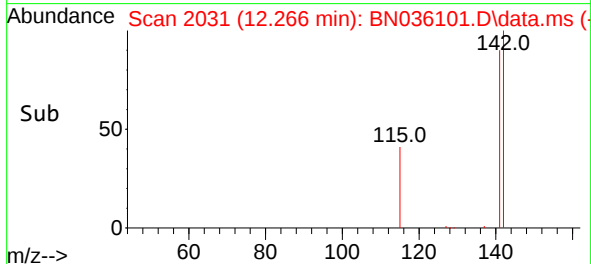
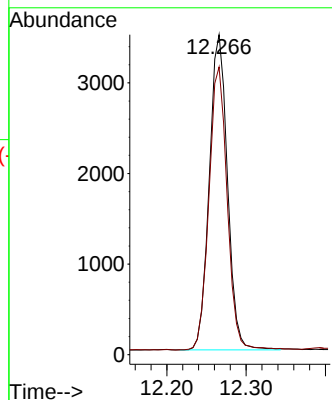
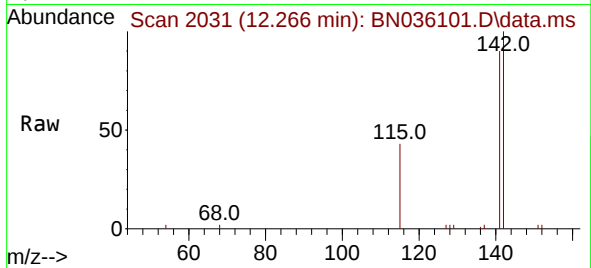




#7
2-Methylnaphthalene
Concen: 0.495 ng/ul
RT: 12.266 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

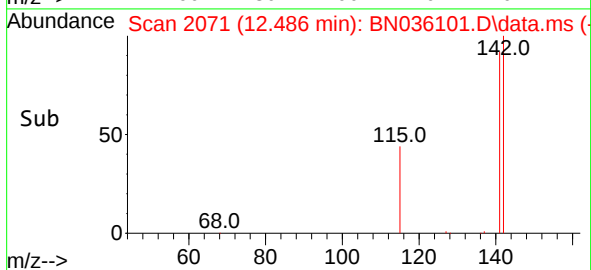
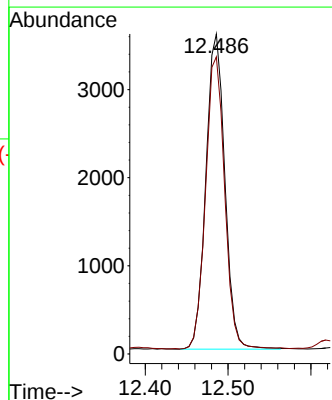
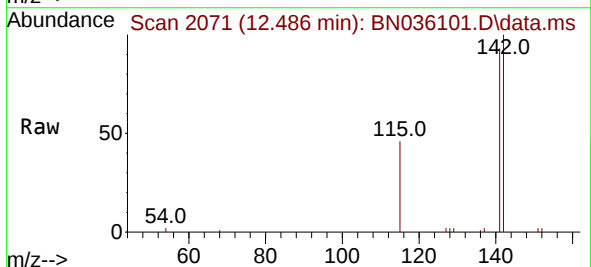
Instrument :
BNA_N
ClientSampleId :
SLCS315

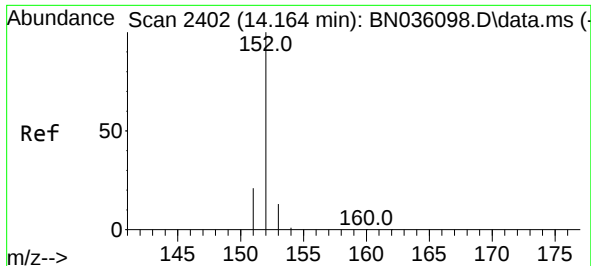
Tgt Ion:142 Resp: 5540
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.502 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Tgt Ion:142 Resp: 5692
Ion Ratio Lower Upper
142 100
141 93.0 75.2 112.8

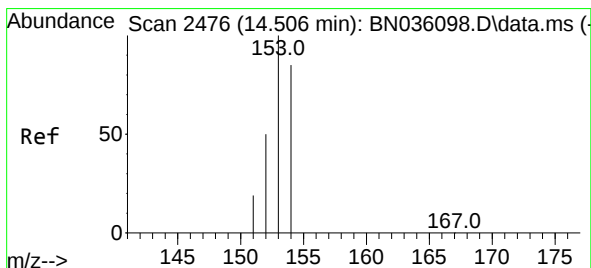
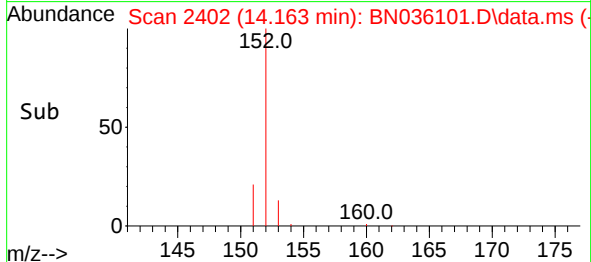
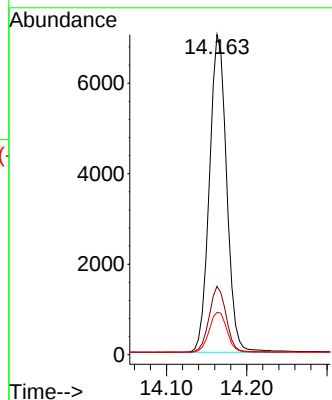
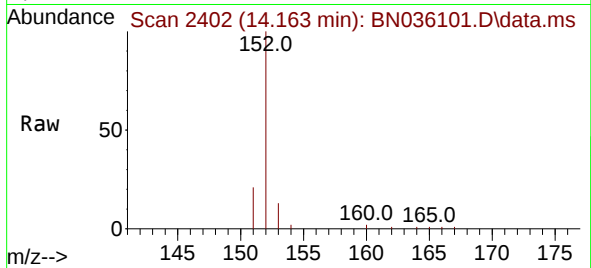




#10
Acenaphthylene
Concen: 0.555 ng/ul
RT: 14.163 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

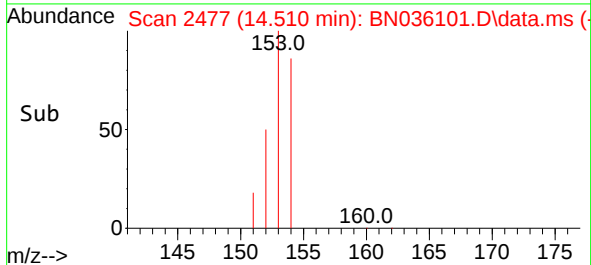
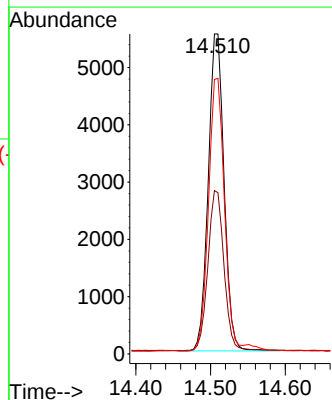
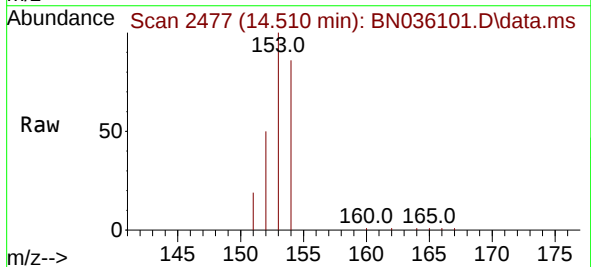
Instrument :
BNA_N
ClientSampleId :
SLCS315

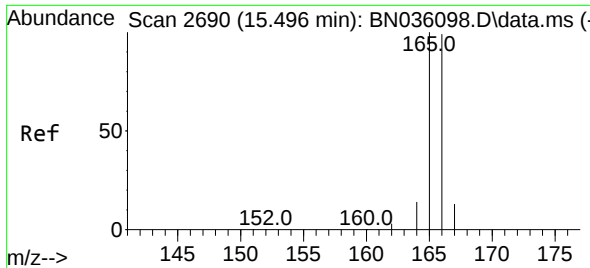
Tgt Ion:	152	Resp:	10474
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.4	26.2
153	13.2	11.9	17.9



#11
Acenaphthene
Concen: 0.585 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Tgt Ion:	153	Resp:	8117
Ion Ratio	Lower	Upper	
153	100		
152	50.4	43.2	64.8
154	86.1	70.5	105.7

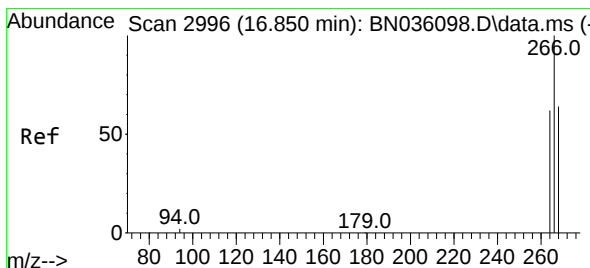
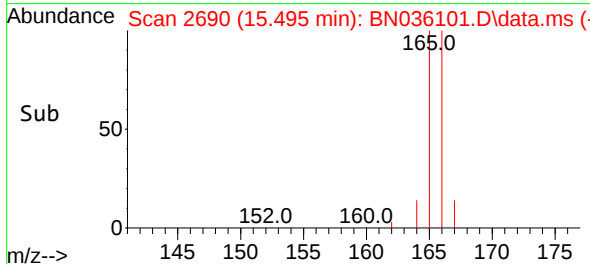
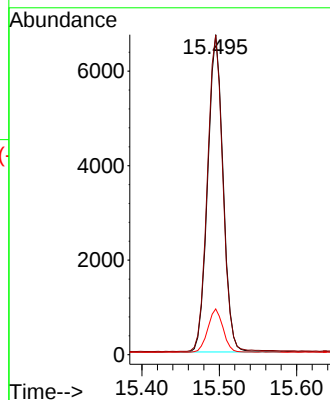
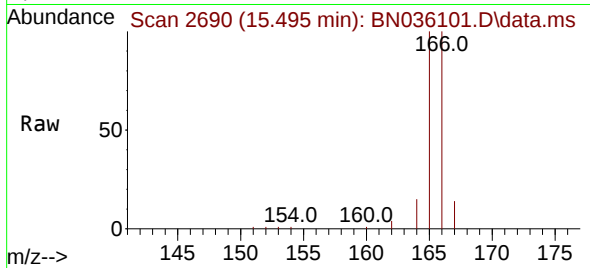




#12
Fluorene
Concen: 0.605 ng/ul
RT: 15.495 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

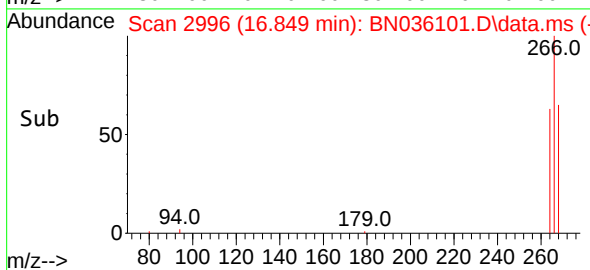
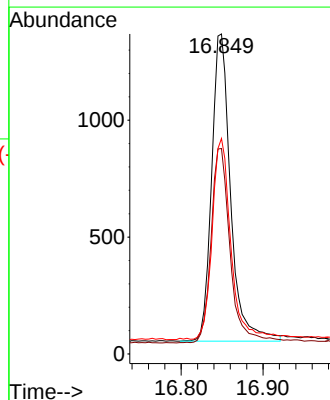
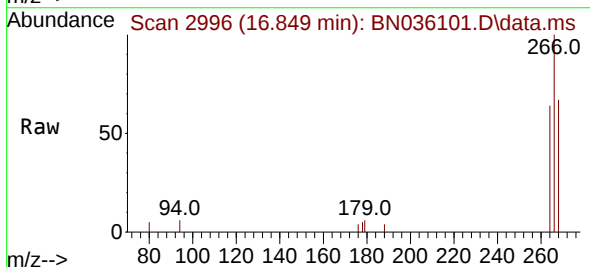
Instrument :
BNA_N
ClientSampleId :
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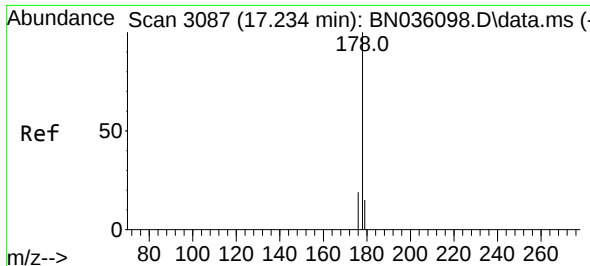
Tgt Ion:166 Resp: 9276
Ion Ratio Lower Upper
166 100
165 99.9 80.3 120.5
167 14.3 12.3 18.5



#14
Pentachlorophenol
Concen: 0.686 ng/ul
RT: 16.849 min Scan# 2996
Delta R.T. 0.008 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Tgt Ion:266 Resp: 2112
Ion Ratio Lower Upper
266 100
264 64.2 50.6 75.8
268 64.5 50.6 75.8

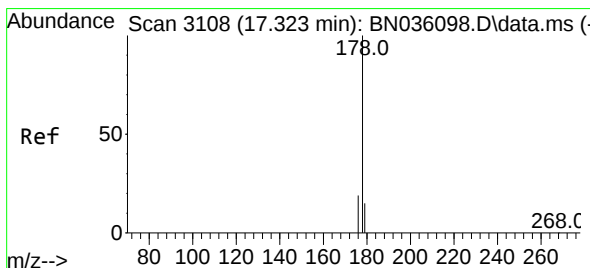
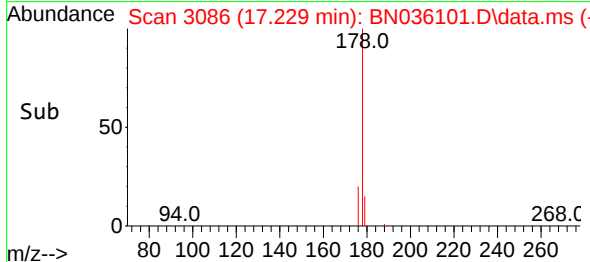
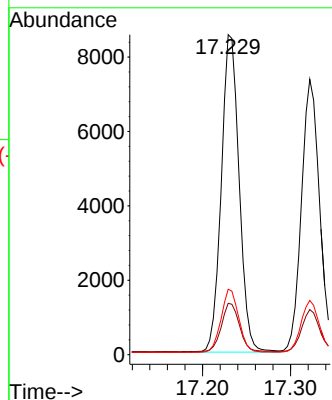
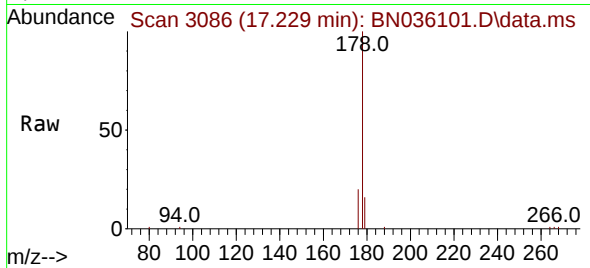




#15
Phenanthrene
Concen: 0.468 ng/ul
RT: 17.229 min Scan# 3086
Delta R.T. -0.004 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

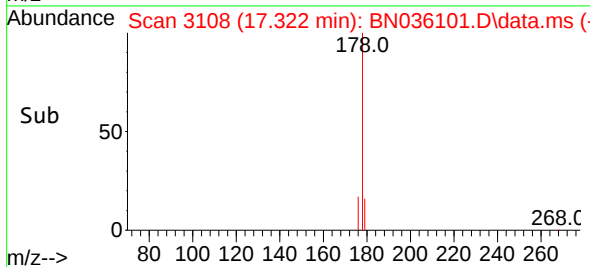
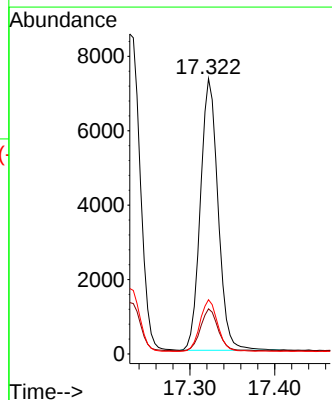
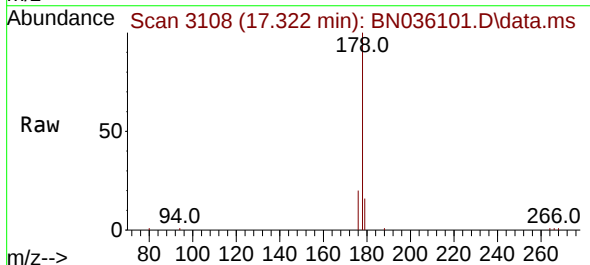
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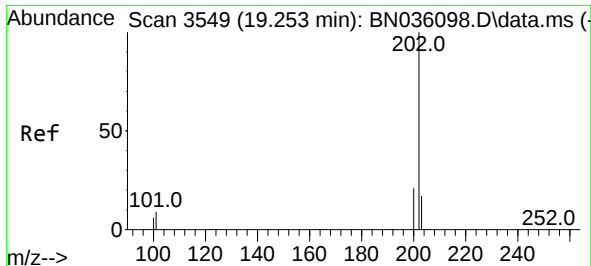
Tgt Ion:178 Resp: 12032
Ion Ratio Lower Upper
178 100
179 16.1 13.2 19.8
176 20.4 16.8 25.2



#16
Anthracene
Concen: 0.441 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Tgt Ion:178 Resp: 10535
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.7 15.9 23.9

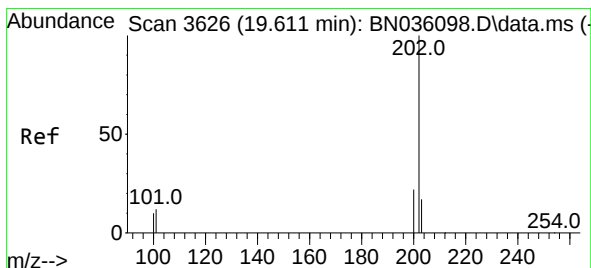
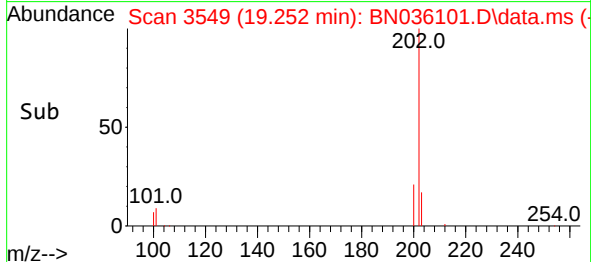
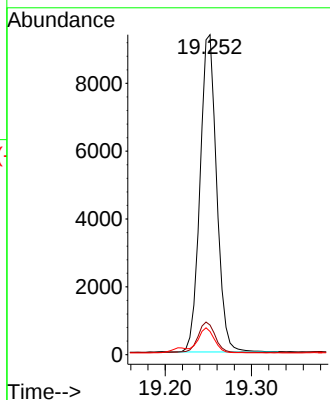
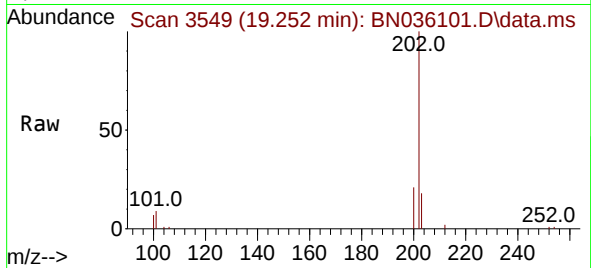




#19
Fluoranthene
Concen: 0.450 ng/ul
RT: 19.252 min Scan# 3549
Delta R.T. 0.005 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

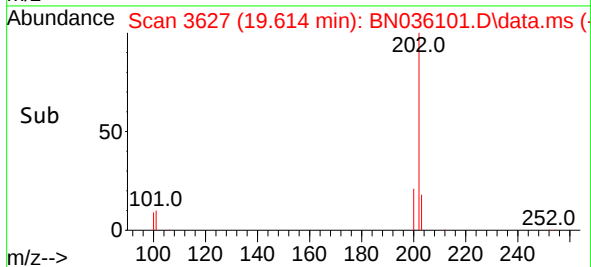
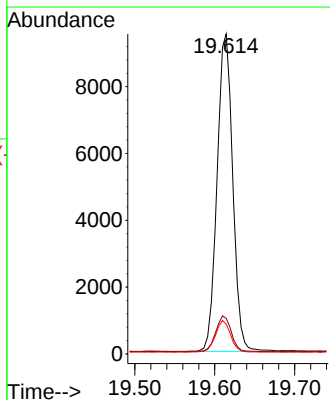
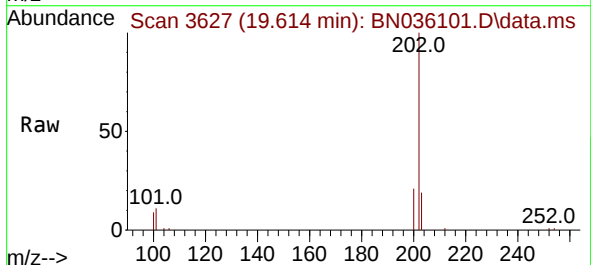
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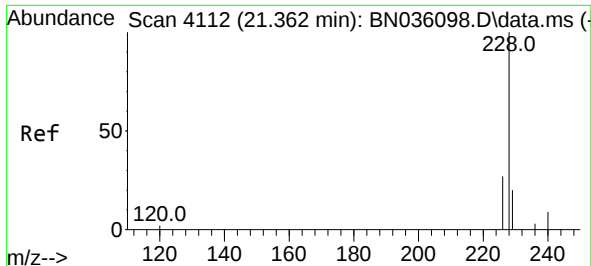
Tgt Ion:202 Resp: 12508
Ion Ratio Lower Upper
202 100
101 9.2 8.4 12.6
100 7.3 6.5 9.7



#20
Pyrene
Concen: 0.446 ng/ul
RT: 19.614 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Tgt Ion:202 Resp: 12954
Ion Ratio Lower Upper
202 100
101 11.1 9.3 13.9
100 9.3 7.5 11.3

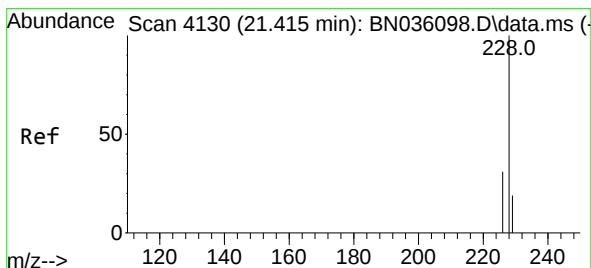
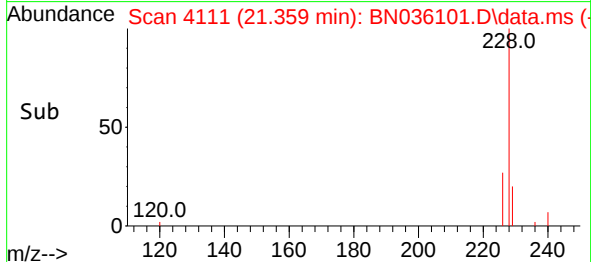
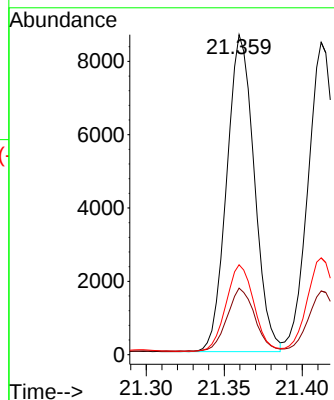
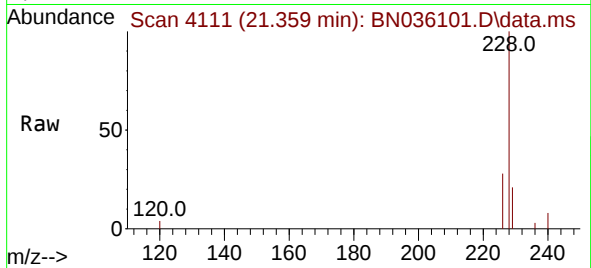




#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.359 min Scan# 4111
Delta R.T. 0.006 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

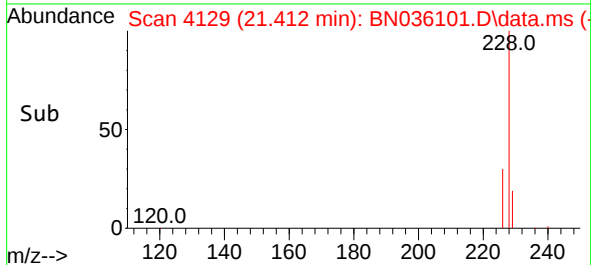
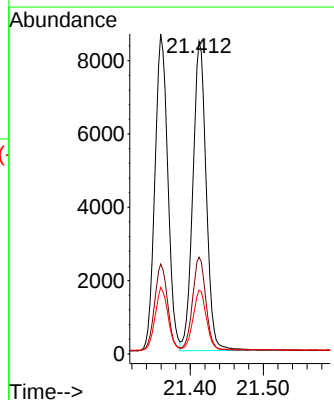
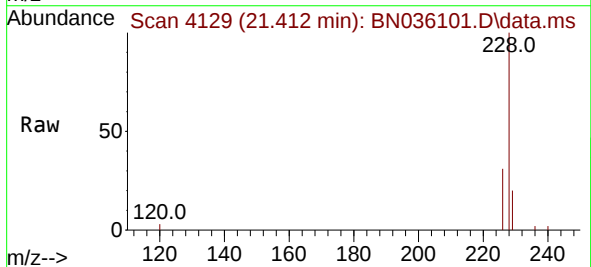
Instrument :
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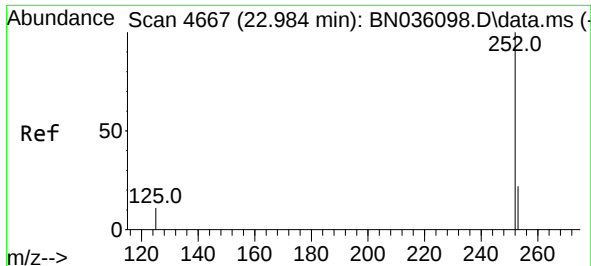
Tgt Ion:228 Resp: 10616
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 28.1 22.8 34.2



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.412 min Scan# 4129
Delta R.T. 0.006 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

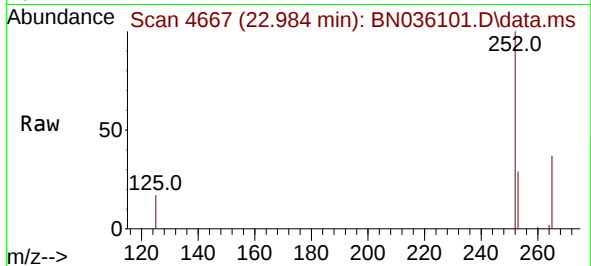
Tgt Ion:228 Resp: 10728
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 20.4 15.9 23.9



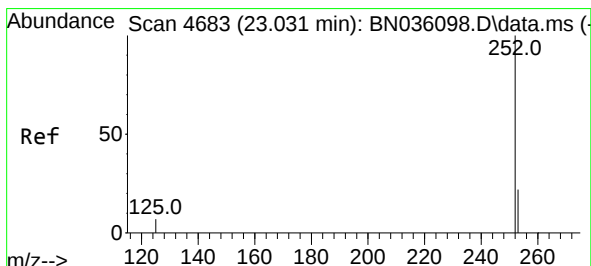
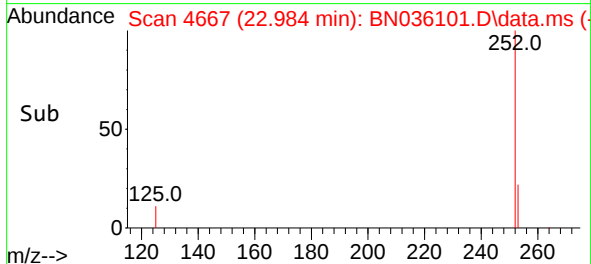
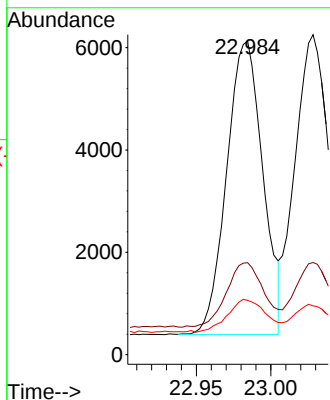


#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul
RT: 22.984 min Scan# 4667
Delta R.T. 0.012 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Instrument :
BNA_N
ClientSampleId :
SLCS315

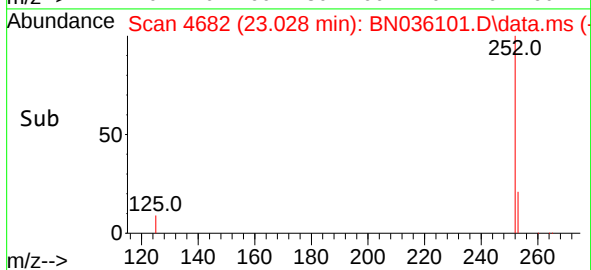
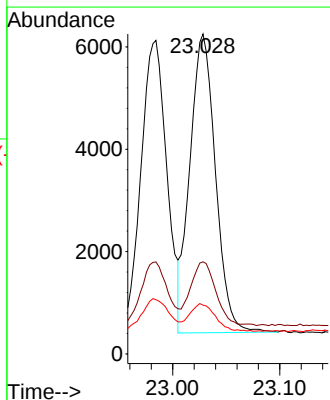
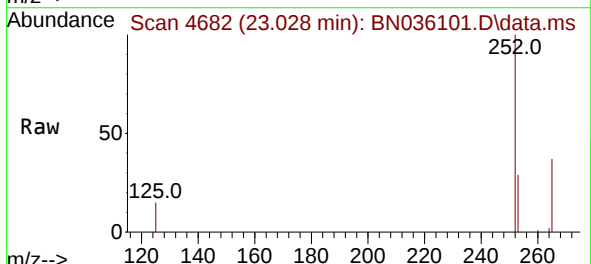


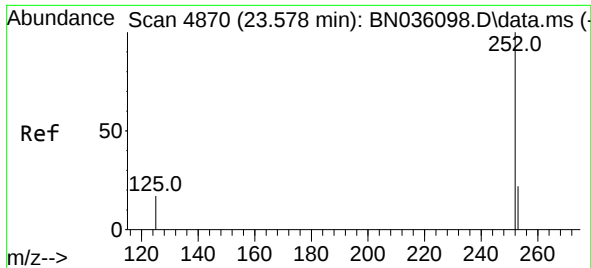
Tgt Ion:252 Resp: 9657
Ion Ratio Lower Upper
252 100
253 29.3 0.0 51.2
125 17.3 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.028 min Scan# 4682
Delta R.T. 0.009 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Tgt Ion:252 Resp: 9694
Ion Ratio Lower Upper
252 100
253 28.8 20.2 30.4
125 15.3 10.6 16.0

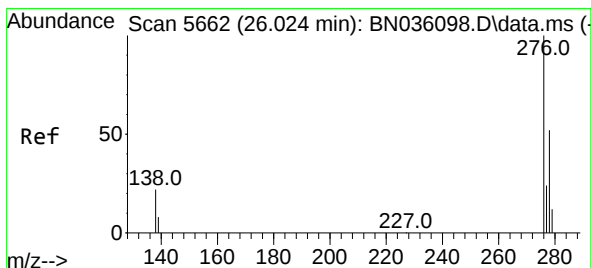
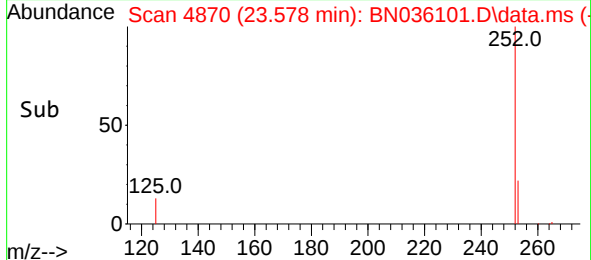
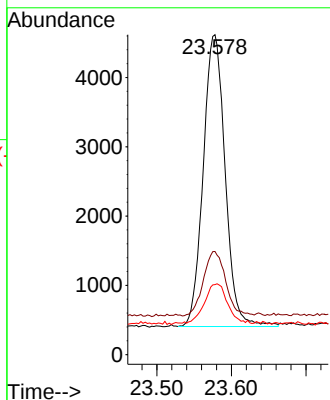
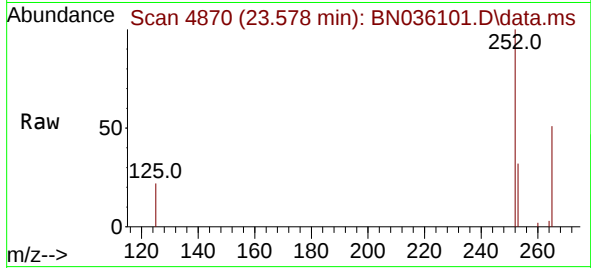




#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.578 min Scan# 4870
Delta R.T. 0.015 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

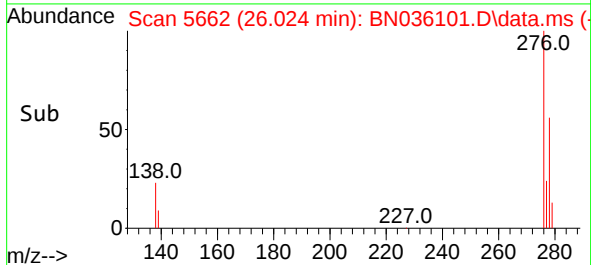
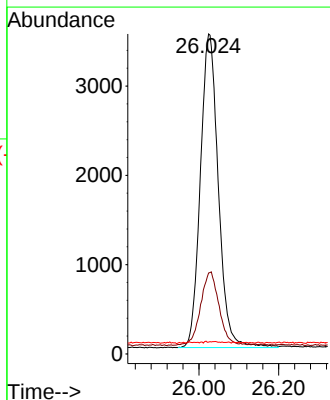
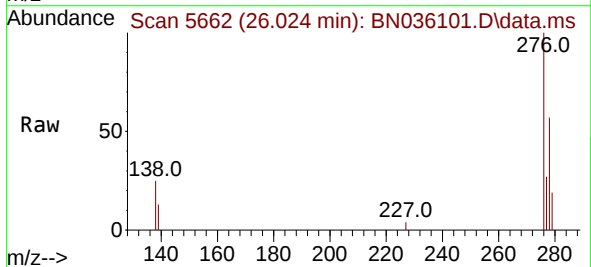
Instrument :
BNA_N
ClientSampleId :
SLCS315

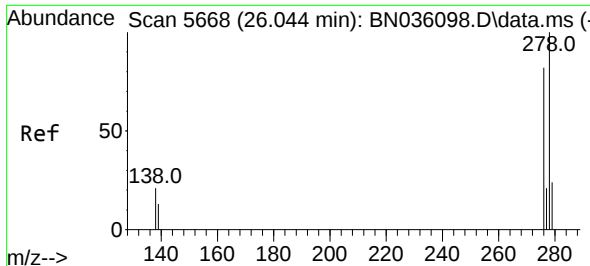
Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.2	22.2	33.4
125	21.9	13.1	19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng/ul
RT: 26.024 min Scan# 5662
Delta R.T. 0.020 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.2	30.4
227	0.1	0.1	0.1

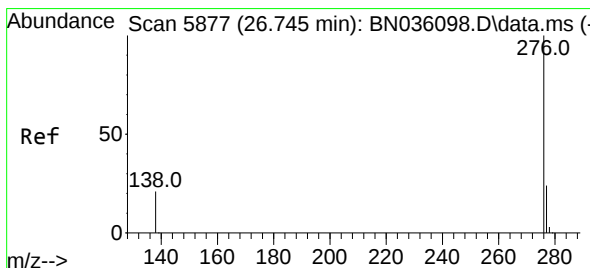
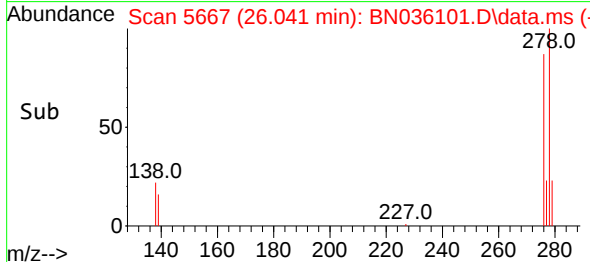
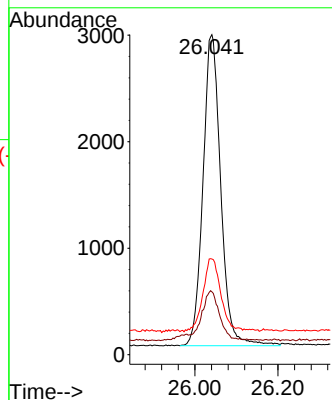
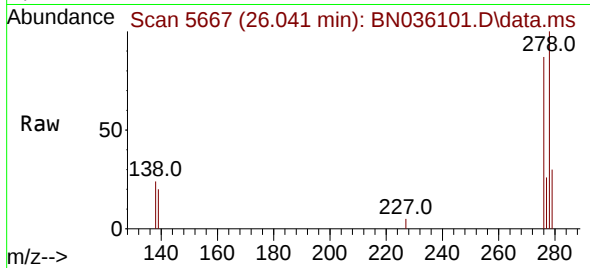




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.041 min Scan# 5668
Delta R.T. 0.020 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Instrument :
BNA_N
ClientSampleId :
SLCS315

Tgt Ion:278 Resp: 8665
Ion Ratio Lower Upper
278 100
139 19.6 15.4 23.2
279 29.9 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.735 min Scan# 5874
Delta R.T. 0.017 min
Lab File: BN036101.D
Acq: 29 Jan 2025 08:54

Tgt Ion:276 Resp: 8663
Ion Ratio Lower Upper
276 100
138 22.5 19.4 29.0
277 27.3 21.1 31.7

