

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036053.D
 Acq On : 28 Jan 2025 01:01
 Operator : RC/JU
 Sample : PB166249BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS249

Quant Time: Jan 28 01:31:37 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)

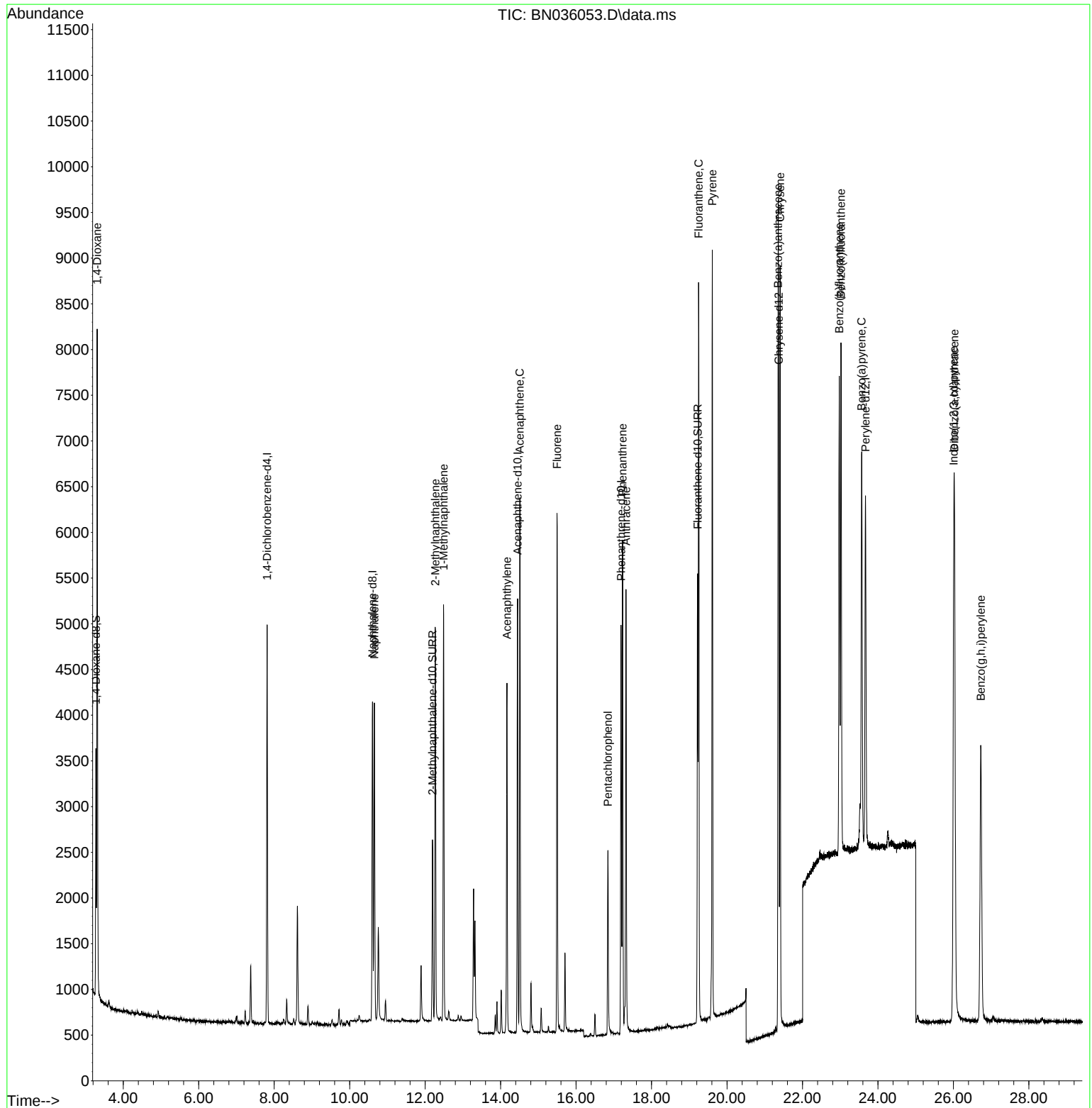
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4546	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	2572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	5384	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	4842	0.400	ng/ul	0.00
23) Perylene-d12	23.669	264	5197	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1553	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	2487	0.433	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	5543	0.417	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	4221	1.714	ng/ul	90
5) Naphthalene	10.655	128	4652	0.371	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	2967	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.491	142	2953	0.374	ng/ul	99
10) Acenaphthylene	14.168	152	4293	0.354	ng/ul	99
11) Acenaphthene	14.510	153	3236	0.363	ng/ul	97
12) Fluorene	15.495	166	3566	0.362	ng/ul	99
14) Pentachlorophenol	16.845	266	1385	0.734	ng/ul	99
15) Phenanthrene	17.233	178	5758	0.365	ng/ul	99
16) Anthracene	17.322	178	5286	0.361	ng/ul	99
19) Fluoranthene	19.248	202	6847	0.372	ng/ul	99
20) Pyrene	19.610	202	7121	0.371	ng/ul	98
21) Benzo(a)anthracene	21.357	228	6819	0.395	ng/ul	98
22) Chrysene	21.407	228	6962	0.394	ng/ul	98
24) Benzo(b)fluoranthene	22.973	252	6996	0.403	ng/ul	94
25) Benzo(k)fluoranthene	23.020	252	7094	0.389	ng/ul	95
26) Benzo(a)pyrene	23.567	252	6340	0.405	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.011	276	8170	0.394	ng/ul	97
28) Dibenzo(a,h)anthracene	26.028	278	6302	0.395	ng/ul	96
29) Benzo(g,h,i)perylene	26.726	276	6370	0.396	ng/ul	98

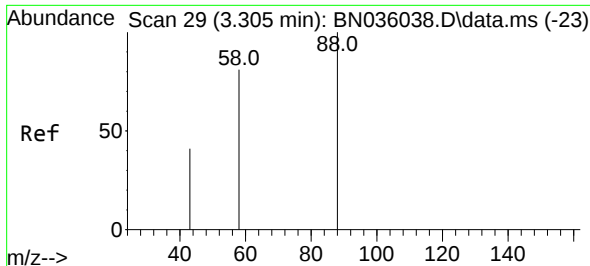
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.714 ng/ul

RT: 3.310 min Scan# 30

Delta R.T. -0.004 min

Lab File: BN036053.D

Acq: 28 Jan 2025 01:01

Instrument :

BNA_N

ClientSampleId :

SLCS249

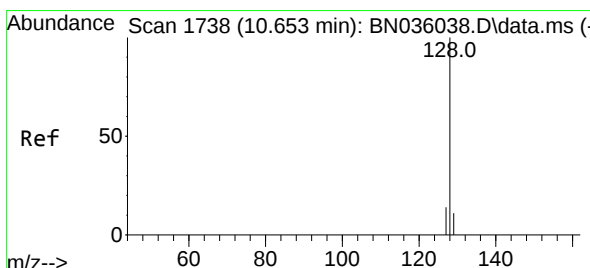
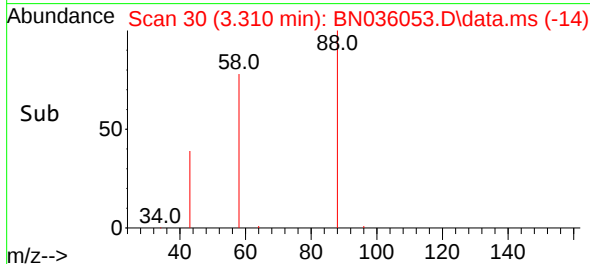
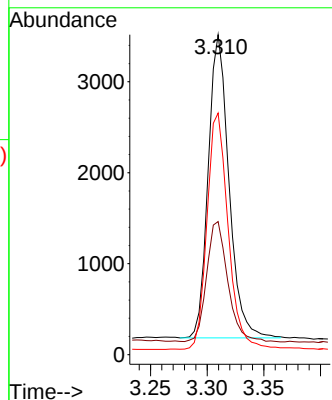
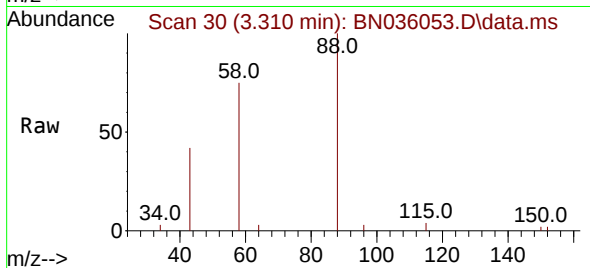
Tgt Ion: 88 Resp: 4221

Ion Ratio Lower Upper

88 100

43 41.6 40.7 61.1

58 75.5 55.2 82.8



#5

Naphthalene

Concen: 0.371 ng/ul

RT: 10.655 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BN036053.D

Acq: 28 Jan 2025 01:01

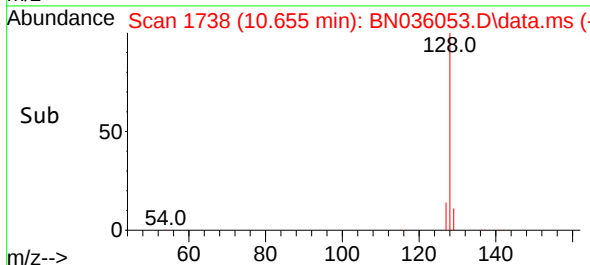
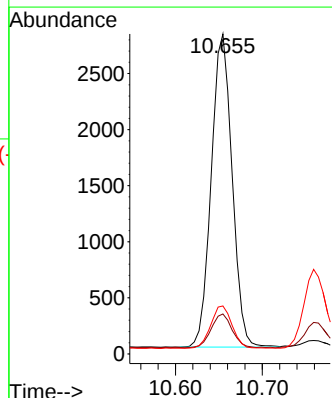
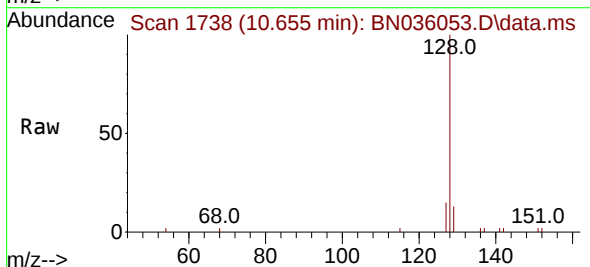
Tgt Ion: 128 Resp: 4652

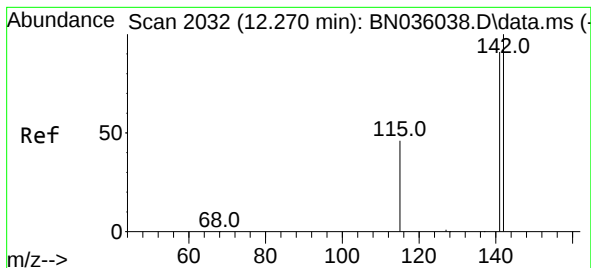
Ion Ratio Lower Upper

128 100

129 12.5 9.6 14.4

127 15.0 12.0 18.0

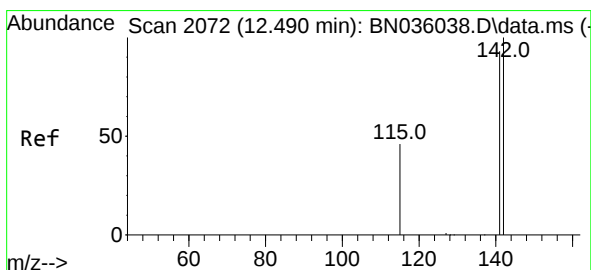
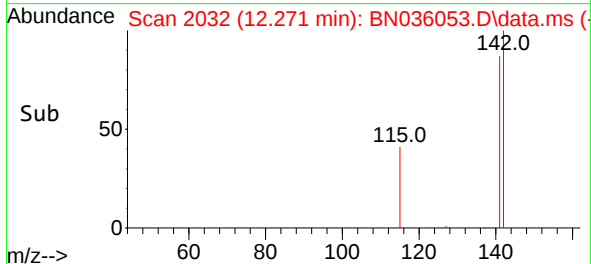
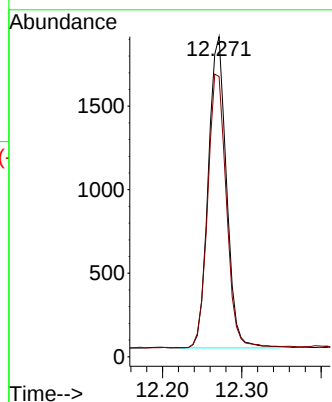
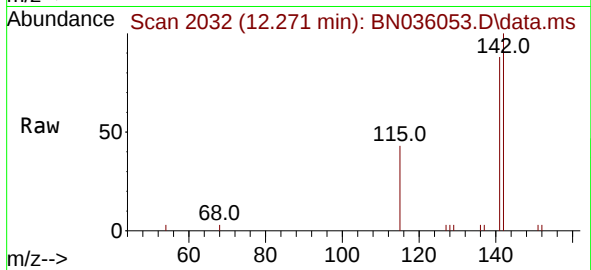




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

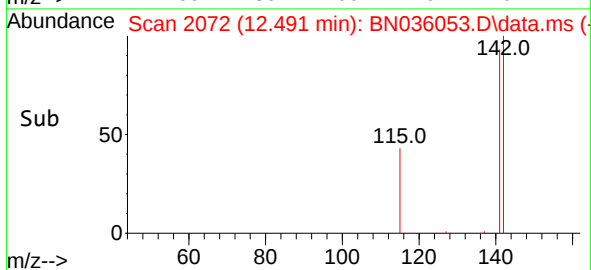
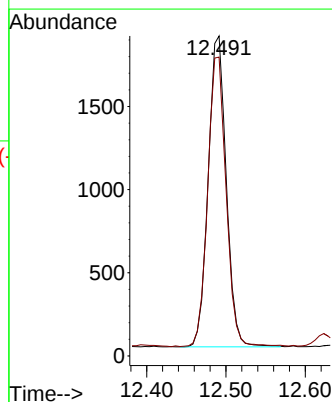
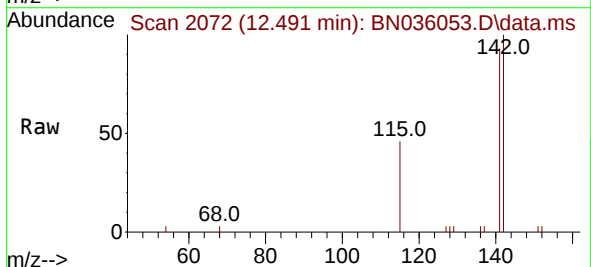
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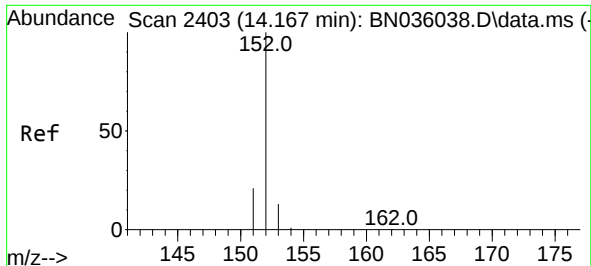
Tgt Ion:142 Resp: 2967
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Tgt Ion:142 Resp: 2953
Ion Ratio Lower Upper
142 100
141 95.2 75.2 112.8

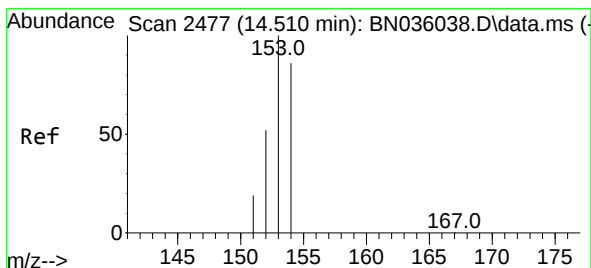
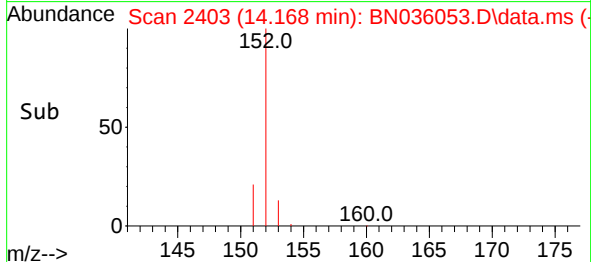
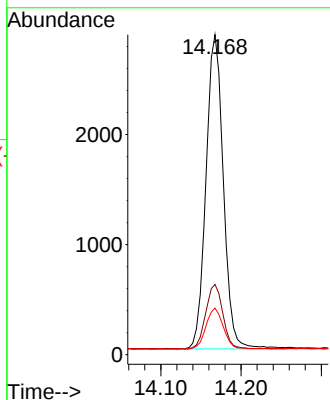
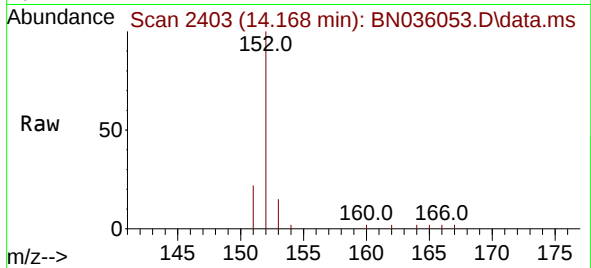




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

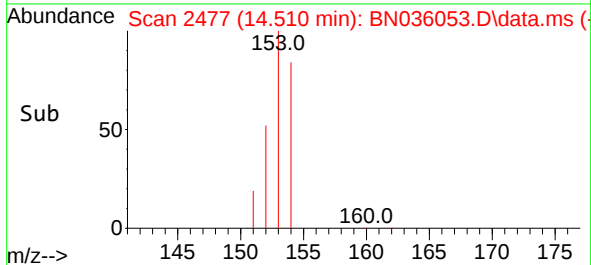
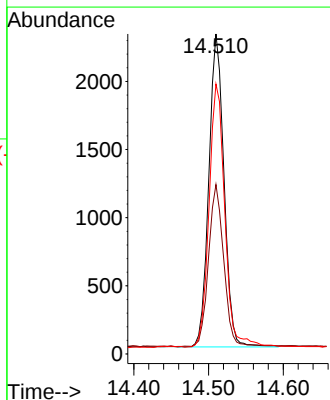
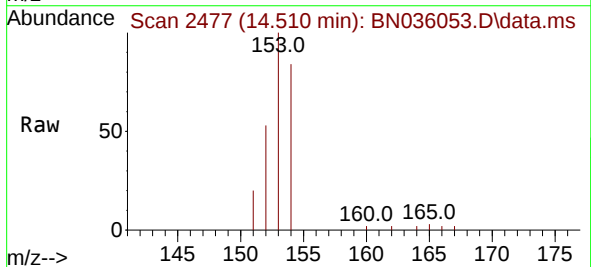
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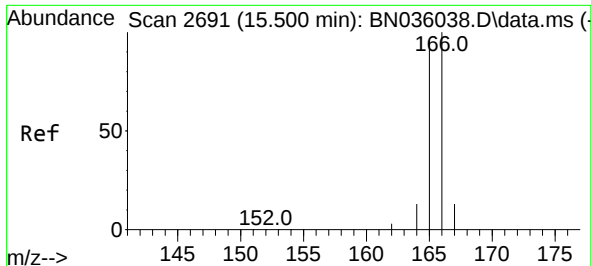
Tgt Ion:152 Resp: 4293
Ion Ratio Lower Upper
152 100
151 22.0 17.4 26.2
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Tgt Ion:153 Resp: 3236
Ion Ratio Lower Upper
153 100
152 52.9 43.2 64.8
154 84.4 70.5 105.7

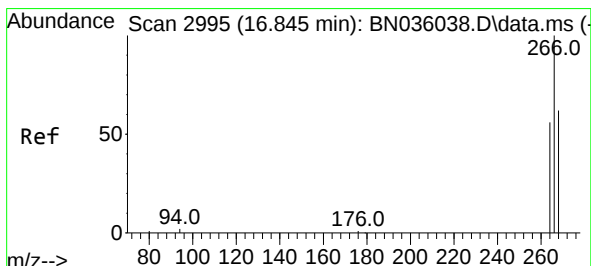
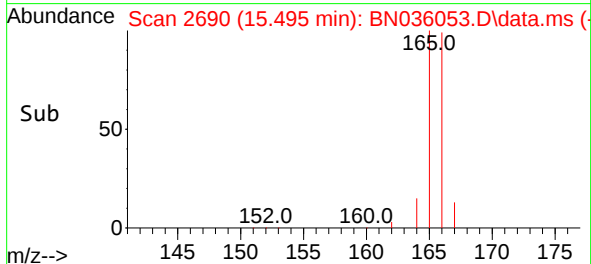
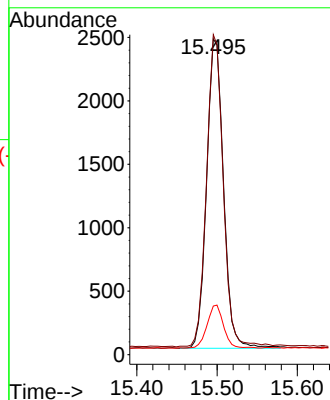
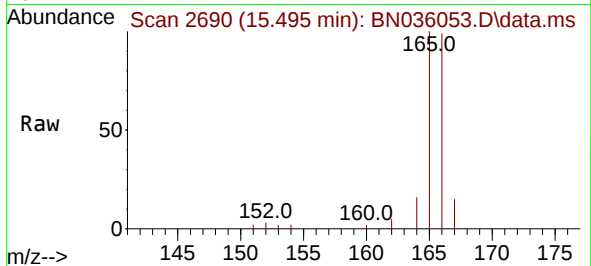




#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.495 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

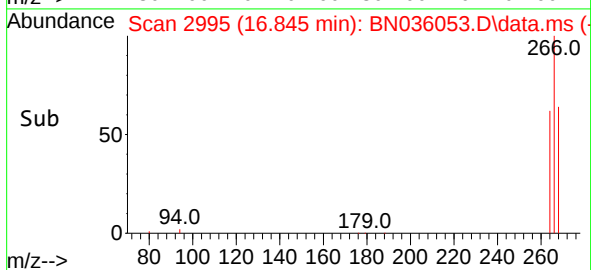
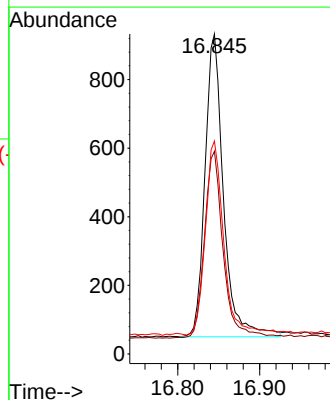
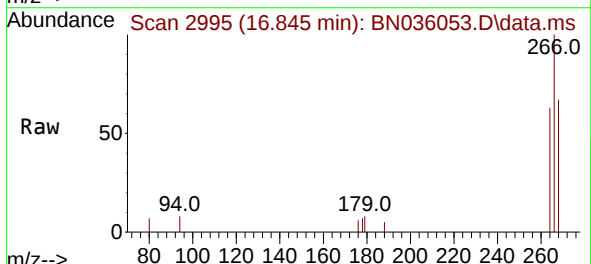
Instrument :
BNA_N
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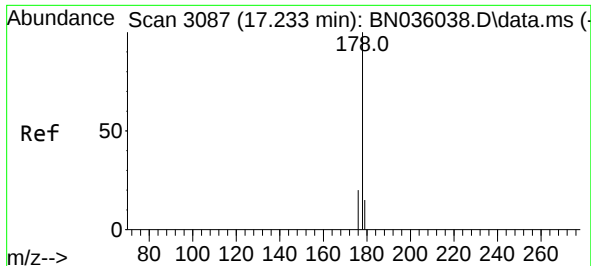
Tgt Ion:166 Resp: 3566
Ion Ratio Lower Upper
166 100
165 101.3 80.3 120.5
167 15.4 12.3 18.5



#14
Pentachlorophenol
Concen: 0.734 ng/ul
RT: 16.845 min Scan# 2995
Delta R.T. 0.004 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Tgt Ion:266 Resp: 1385
Ion Ratio Lower Upper
266 100
264 62.7 50.6 75.8
268 64.2 50.6 75.8

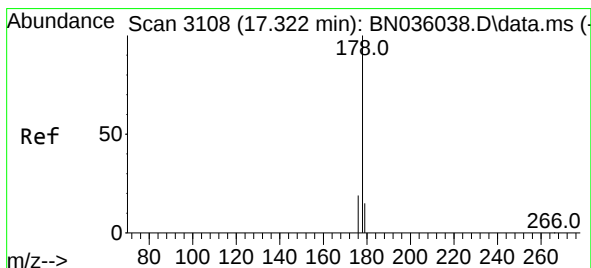
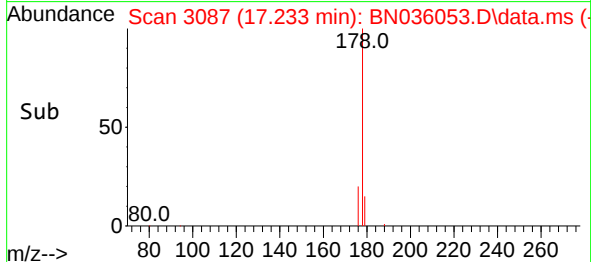
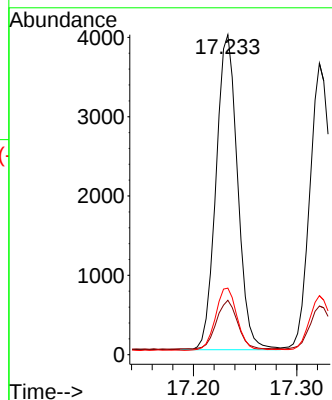
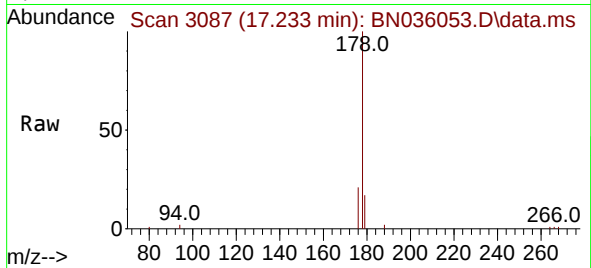




#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.233 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

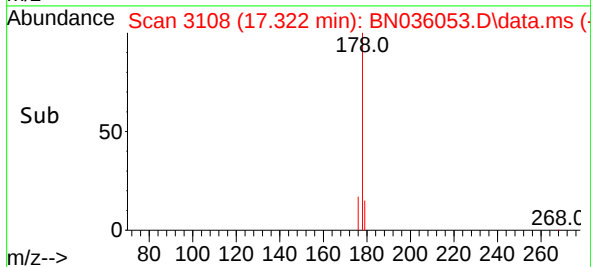
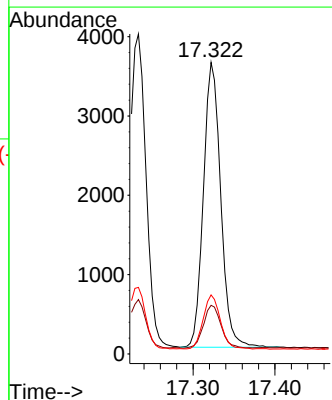
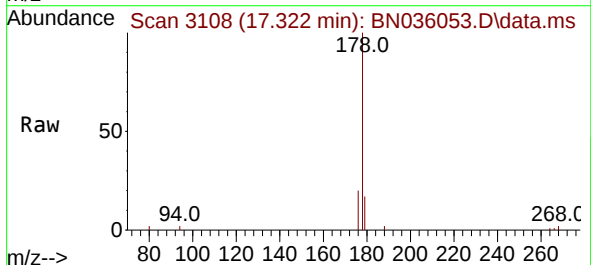
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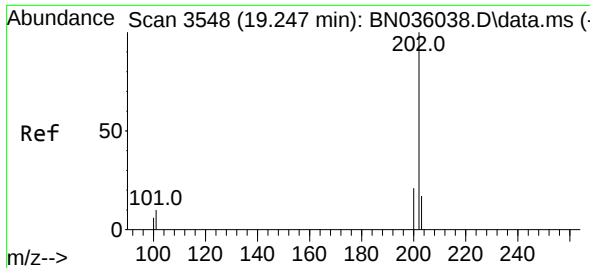
Tgt Ion:178 Resp: 5758
Ion Ratio Lower Upper
178 100
179 17.0 13.2 19.8
176 20.8 16.8 25.2



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Tgt Ion:178 Resp: 5286
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 20.3 15.9 23.9

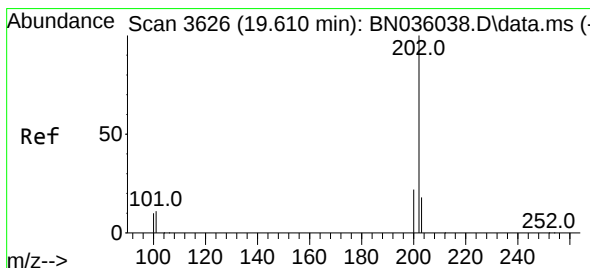
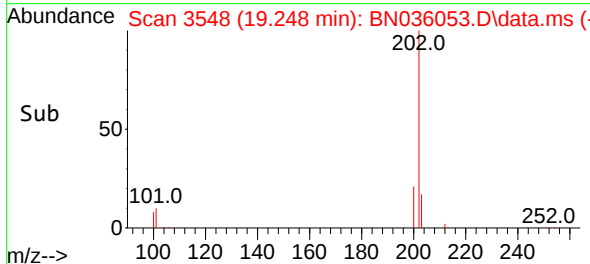
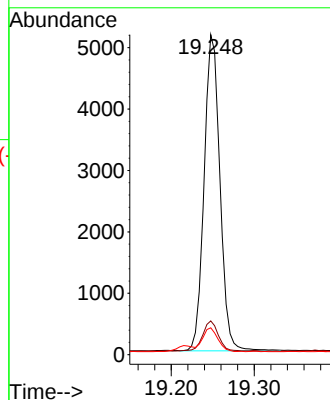
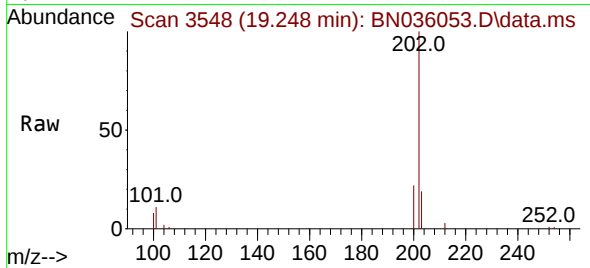




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.248 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

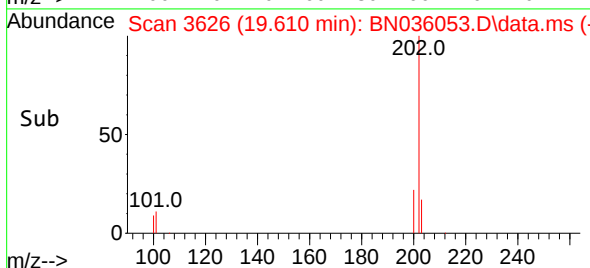
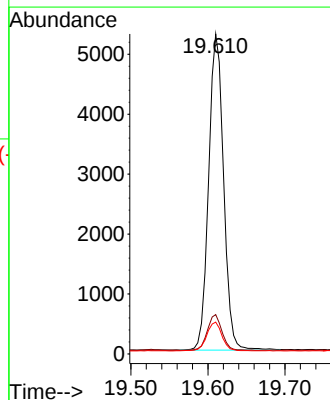
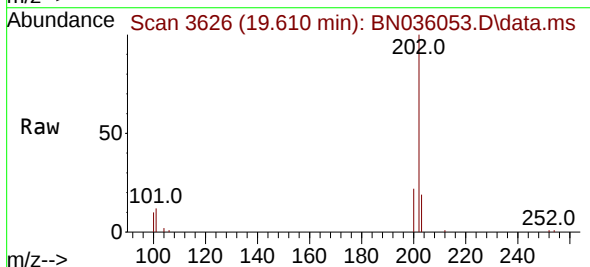
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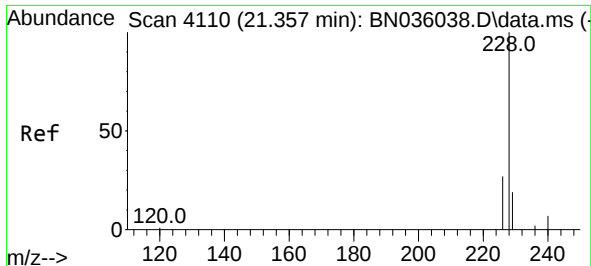
Tgt Ion:202 Resp: 6847
Ion Ratio Lower Upper
202 100
101 10.6 8.4 12.6
100 8.4 6.5 9.7



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Tgt Ion:202 Resp: 7121
Ion Ratio Lower Upper
202 100
101 12.3 9.3 13.9
100 9.9 7.5 11.3

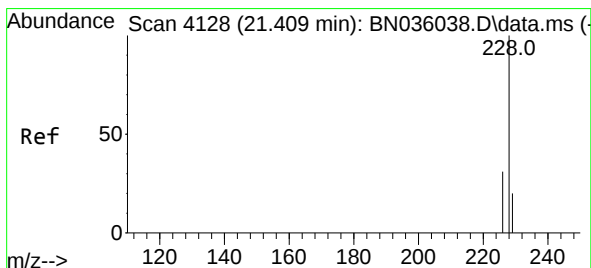
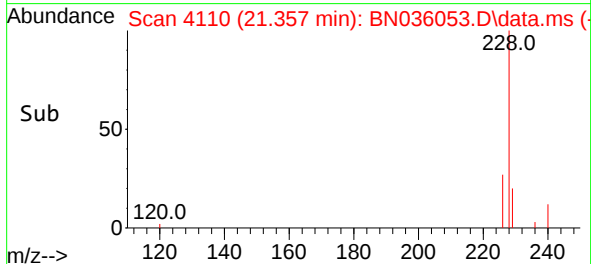
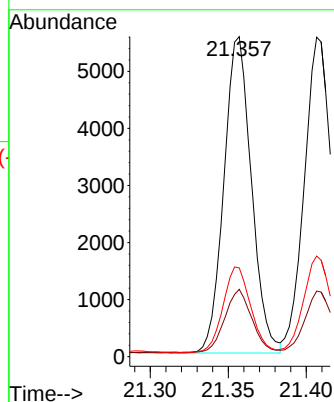
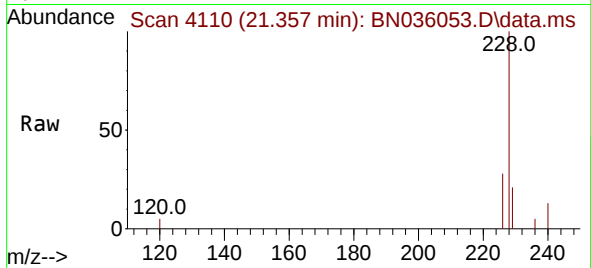




#21
Benzo(a)anthracene
Concen: 0.395 ng/u1
RT: 21.357 min Scan# 4110
Delta R.T. 0.003 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

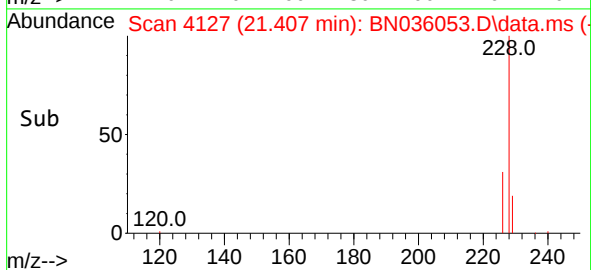
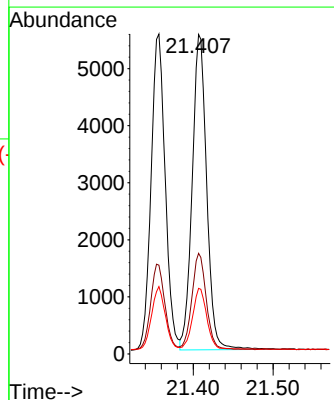
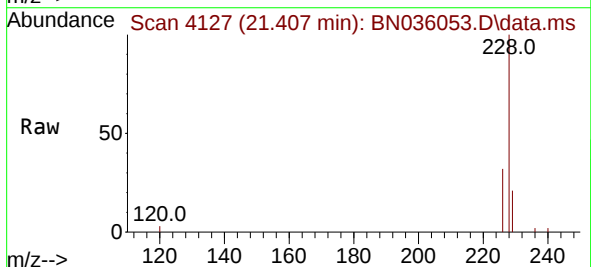
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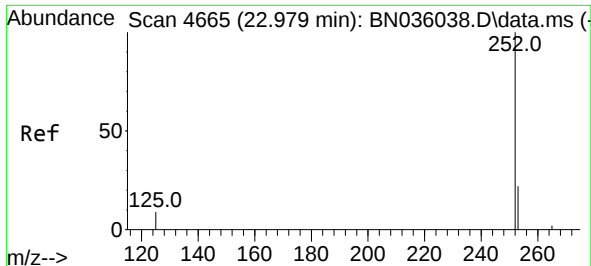
Tgt Ion:228 Resp: 6819
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 27.7 22.8 34.2



#22
Chrysene
Concen: 0.394 ng/u1
RT: 21.407 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Tgt Ion:228 Resp: 6962
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 20.5 15.9 23.9

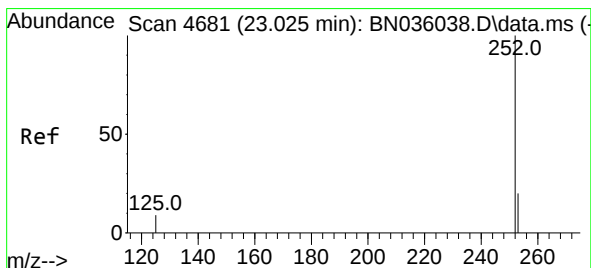
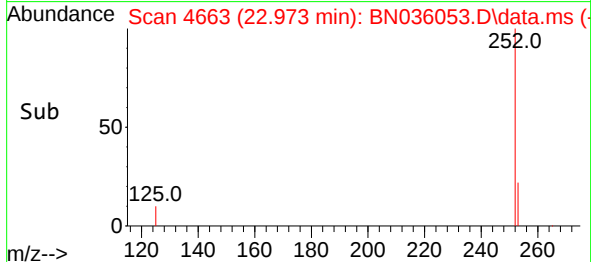
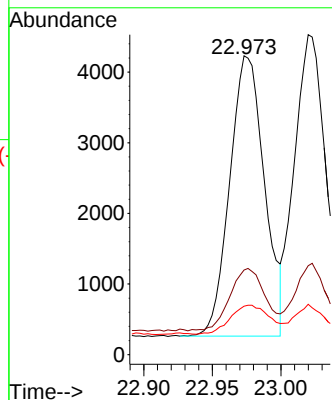
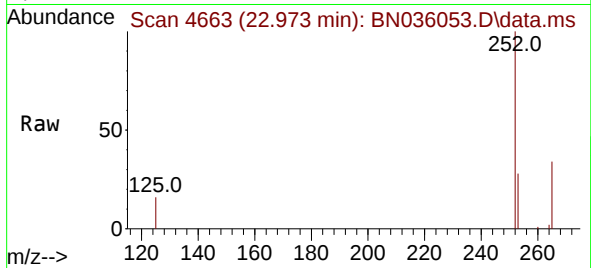




#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 22.973 min Scan# 4663
Delta R.T. 0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

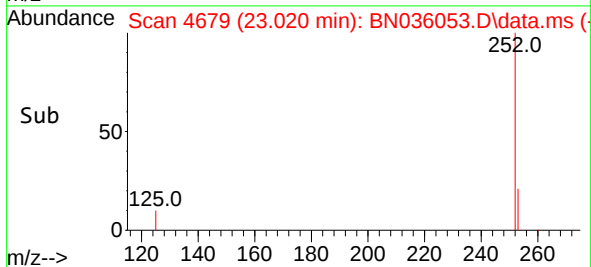
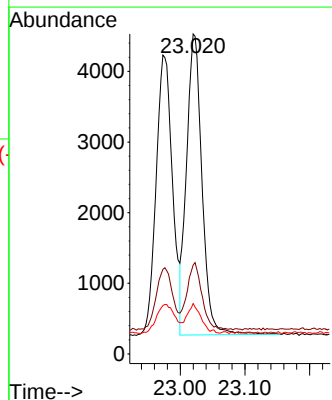
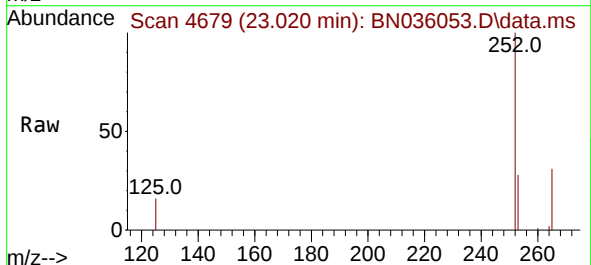
Instrument :
BNA_N
ClientSampleId :
SLCS249

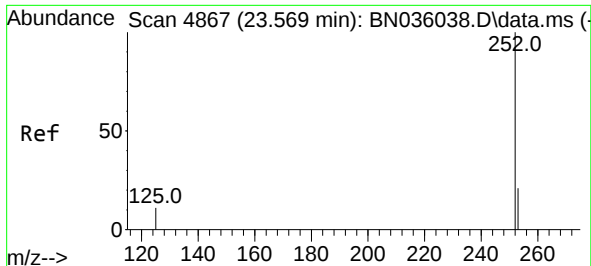
Tgt Ion:252 Resp: 6996
Ion Ratio Lower Upper
252 100
253 28.3 0.0 51.2
125 16.2 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.020 min Scan# 4679
Delta R.T. 0.000 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Tgt Ion:252 Resp: 7094
Ion Ratio Lower Upper
252 100
253 27.8 20.2 30.4
125 15.7 10.6 16.0

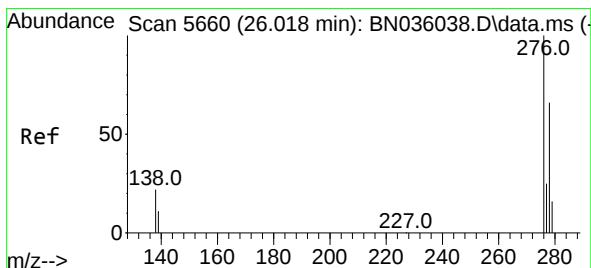
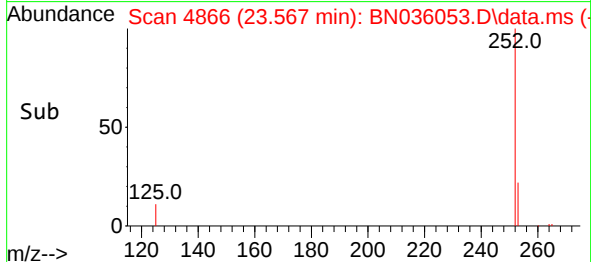
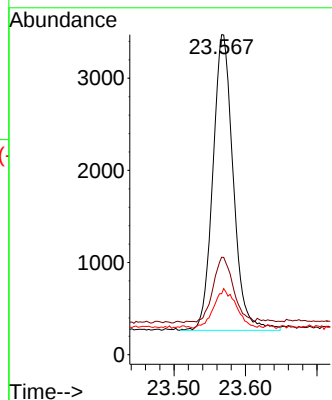
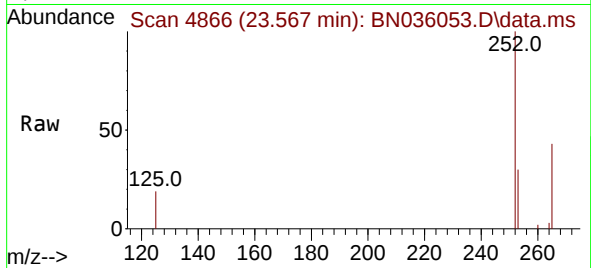




#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.567 min Scan# 4866
Delta R.T. 0.003 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

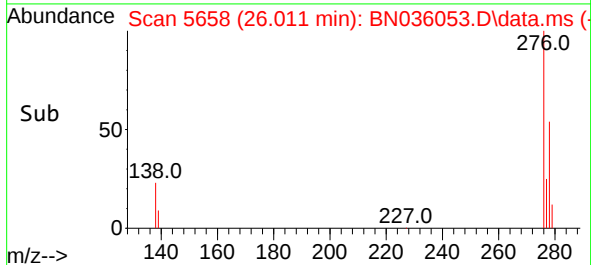
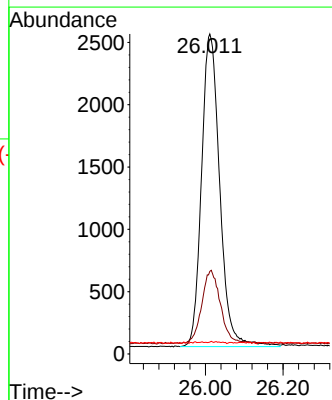
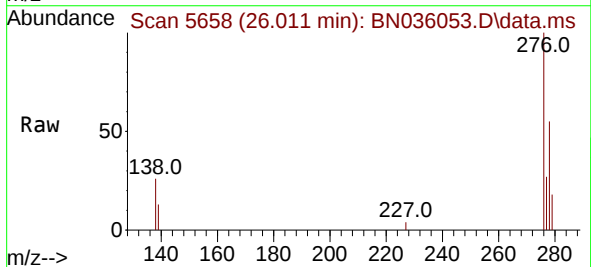
Instrument :
BNA_N
ClientSampleId :
SLCS249

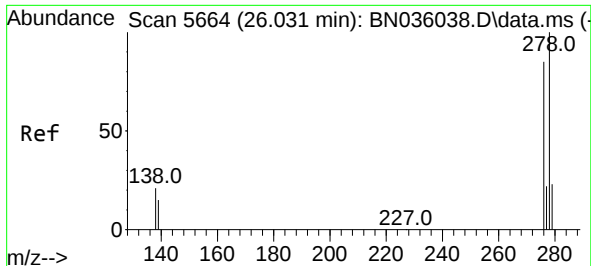
Tgt Ion:252 Resp: 6340
Ion Ratio Lower Upper
252 100
253 30.4 22.2 33.4
125 19.1 13.1 19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 26.011 min Scan# 5658
Delta R.T. 0.007 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Tgt Ion:276 Resp: 8170
Ion Ratio Lower Upper
276 100
138 23.8 20.2 30.4
227 0.1 0.1 0.1

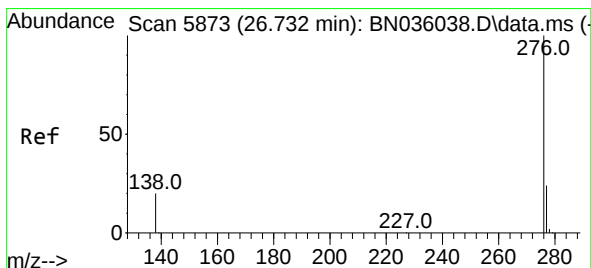
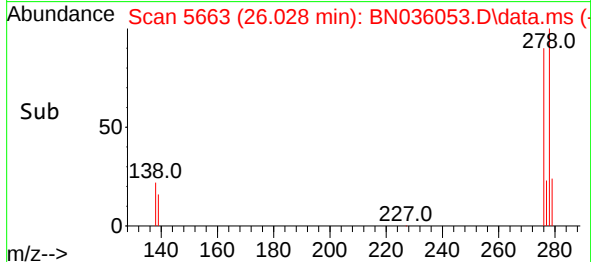
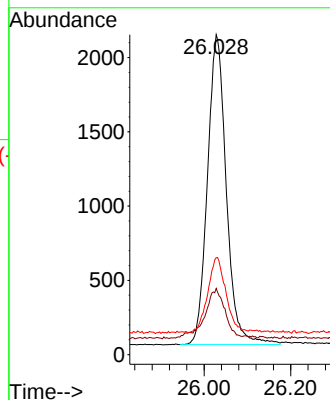
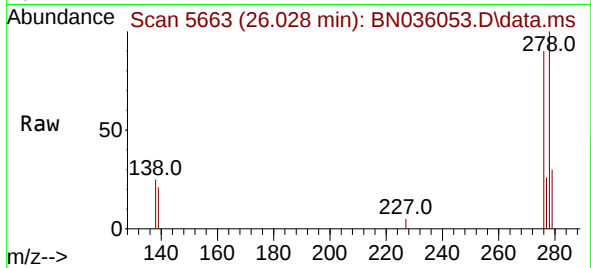




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.028 min Scan# 5663
Delta R.T. 0.007 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Instrument :
BNA_N
ClientSampleId :
SLCS249

Tgt Ion:278 Resp: 6302
Ion Ratio Lower Upper
278 100
139 20.7 15.4 23.2
279 30.3 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 26.726 min Scan# 5871
Delta R.T. 0.007 min
Lab File: BN036053.D
Acq: 28 Jan 2025 01:01

Tgt Ion:276 Resp: 6370
Ion Ratio Lower Upper
276 100
138 22.9 19.4 29.0
277 27.3 21.1 31.7

