

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036364.D
 Acq On : 07 Feb 2025 08:59
 Operator : RC/JU
 Sample : PB166537BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS537

Quant Time: Feb 07 09:23:29 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 : Thu Feb 06 14:44:03 2025
 Response via : Initial Calibration

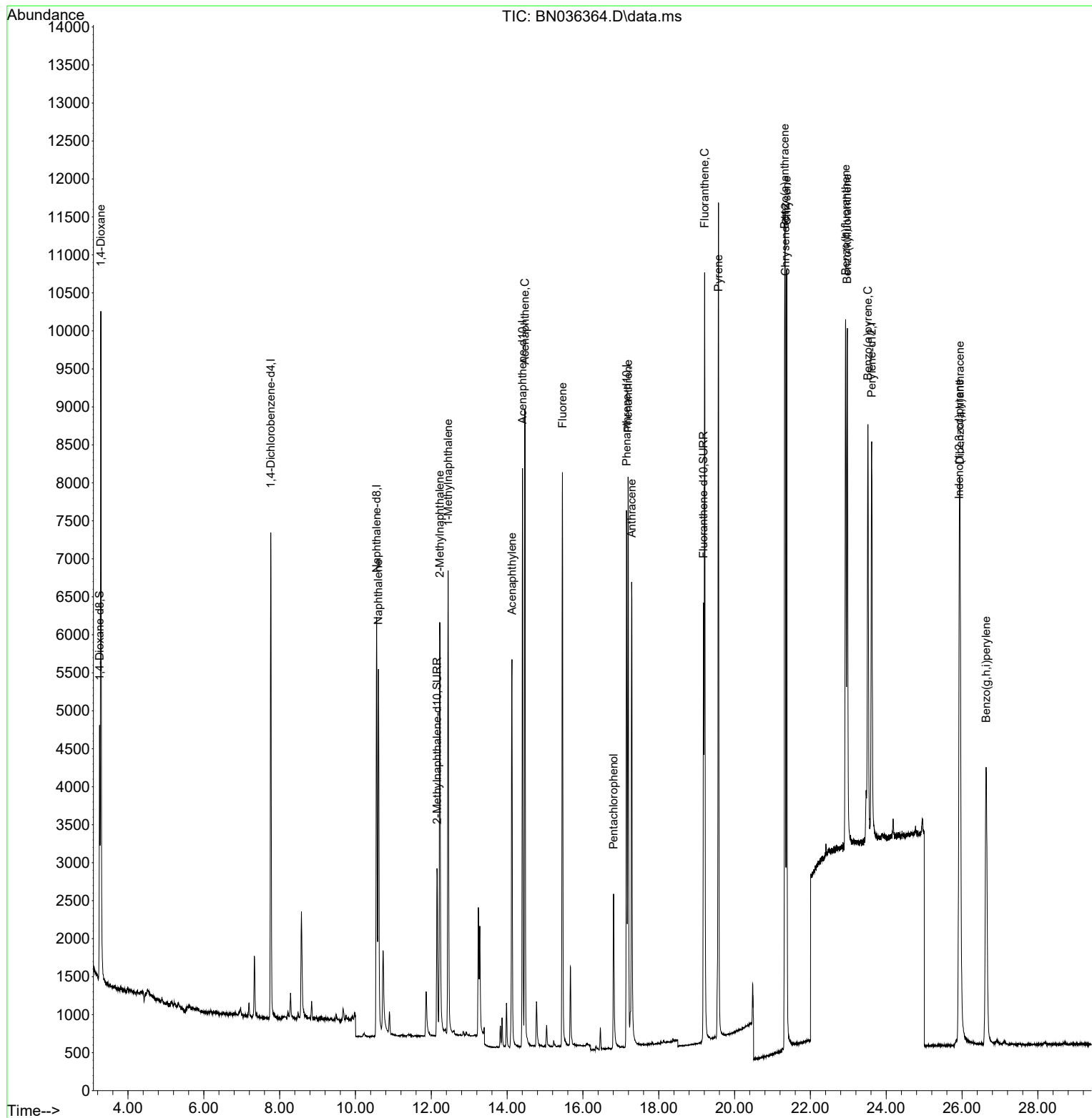
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	3215	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.557	136	7640	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.405	164	4253	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.150	188	8554	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.339	240	7326	0.400	ng/ul	#-0.02
23) Perylene-d12	23.616	264	7525	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	2107	0.599	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	3231	0.335	ng/ul	-0.02
18) Fluoranthene-d10	19.179	212	6632	0.329	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.286	88	5663	1.507	ng/ul	88
5) Naphthalene	10.606	128	6926	0.329	ng/ul	100
7) 2-Methylnaphthalene	12.223	142	4339	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.443	142	4454	0.336	ng/ul	99
10) Acenaphthylene	14.127	152	5978	0.298	ng/ul	99
11) Acenaphthene	14.470	153	4799	0.325	ng/ul	97
12) Fluorene	15.460	166	5103	0.313	ng/ul	99
14) Pentachlorophenol	16.808	266	1659	0.554	ng/ul	99
15) Phenanthrene	17.192	178	8169	0.326	ng/ul	99
16) Anthracene	17.285	178	7090	0.305	ng/ul	99
19) Fluoranthene	19.212	202	9205	0.331	ng/ul#	96
20) Pyrene	19.574	202	9562	0.329	ng/ul#	93
21) Benzo(a)anthracene	21.321	228	8566	0.328	ng/ul	99
22) Chrysene	21.374	228	9256	0.346	ng/ul	99
24) Benzo(b)fluoranthene	22.929	252	9076	0.361	ng/ul	91
25) Benzo(k)fluoranthene	22.973	252	9167	0.347	ng/ul#	92
26) Benzo(a)pyrene	23.516	252	8151	0.359	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.927	276	10251	0.342	ng/ul	95
28) Dibenzo(a,h)anthracene	25.947	278	7897	0.342	ng/ul	96
29) Benzo(g,h,i)perylene	26.635	276	8382	0.360	ng/ul	96

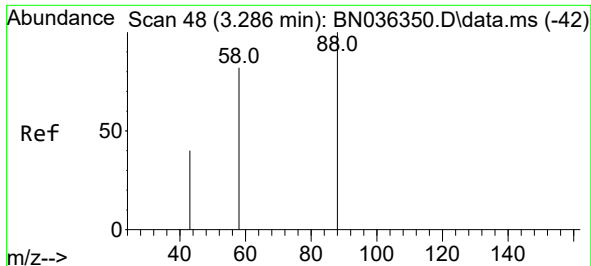
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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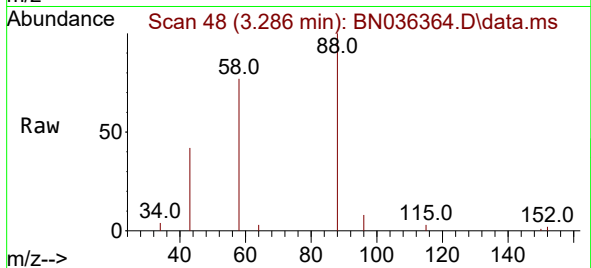
Quant Time: Feb 07 09:23:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 14:44:03 2025
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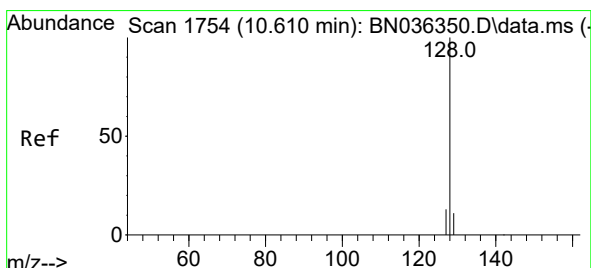
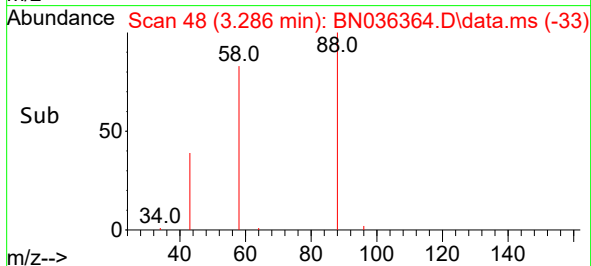
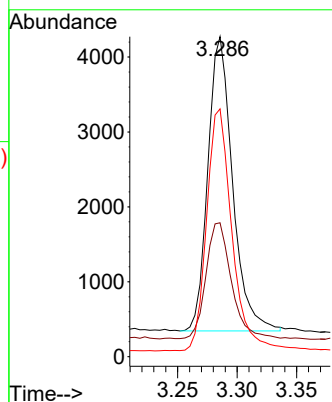
#2
 1,4-Dioxane
 Concen: 1.507 ng/ul
 RT: 3.286 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BN036364.D
 Acq: 07 Feb 2025 08:59

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Tgt Ion: 88 Resp: 5663

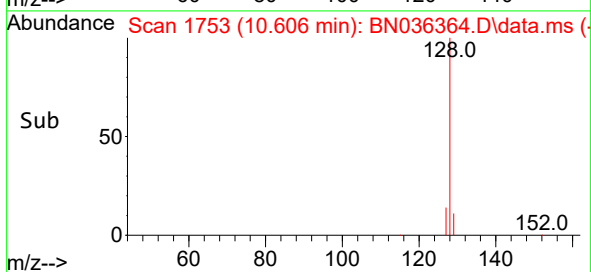
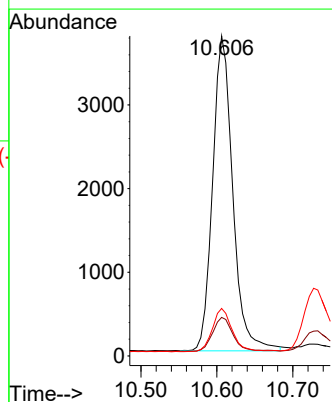
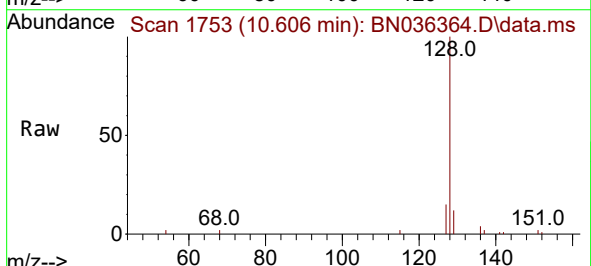
Ion	Ratio	Lower	Upper
88	100		
43	41.8	40.7	61.1
58	77.5	55.2	82.8

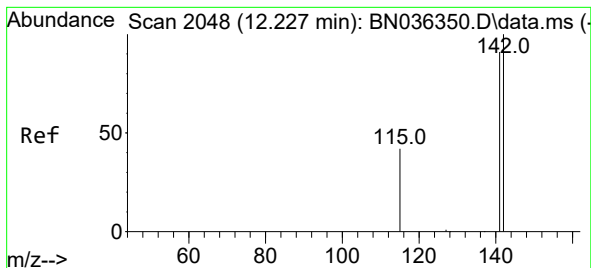


#5
 Naphthalene
 Concen: 0.329 ng/ul
 RT: 10.606 min Scan# 1753
 Delta R.T. -0.021 min
 Lab File: BN036364.D
 Acq: 07 Feb 2025 08:59

Tgt Ion: 128 Resp: 6926

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.8	12.0	18.0

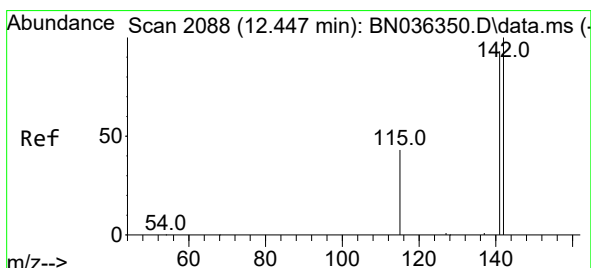
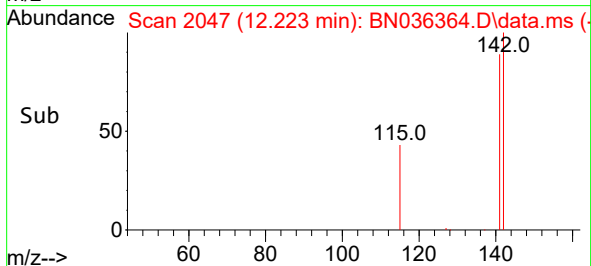
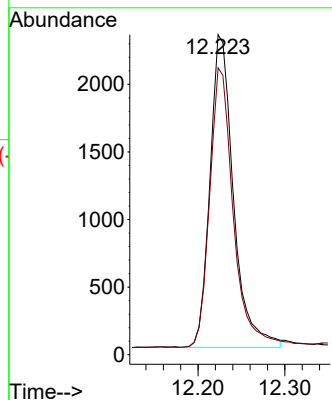
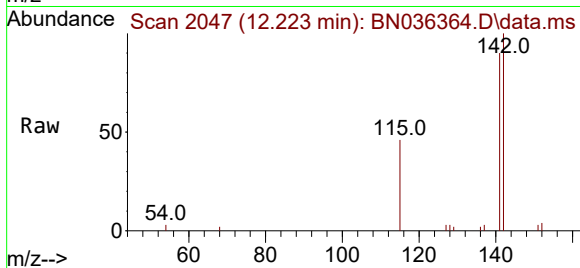




#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.223 min Scan# 2047
Delta R.T. -0.021 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

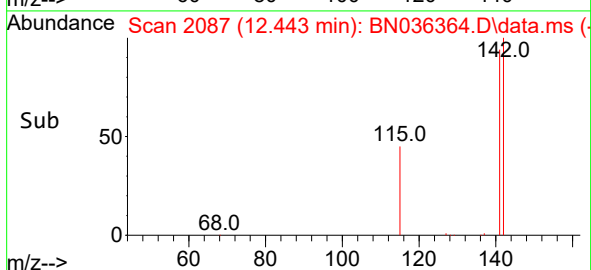
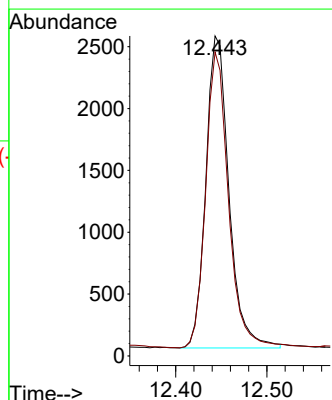
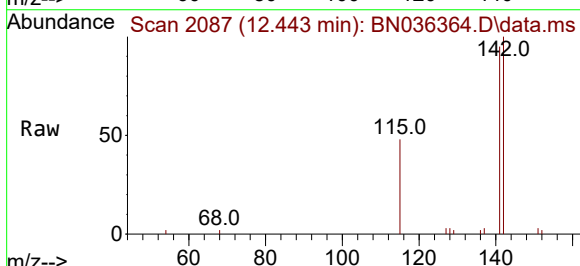
Instrument :
BNA_N
ClientSampleId :
SLCS537

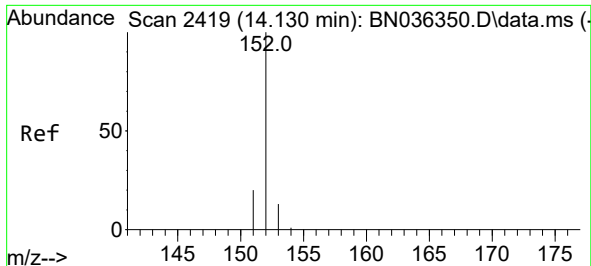
Tgt Ion:142 Resp: 4339
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.443 min Scan# 2087
Delta R.T. -0.021 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

Tgt Ion:142 Resp: 4454
Ion Ratio Lower Upper
142 100
141 93.0 75.2 112.8

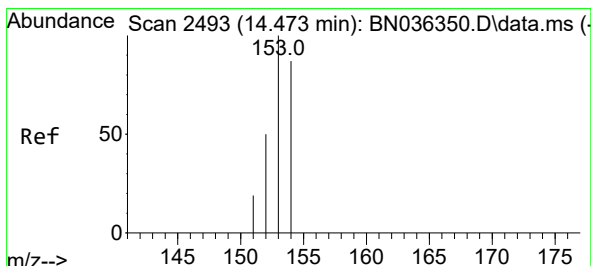
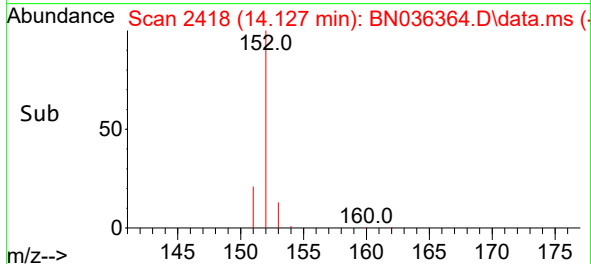
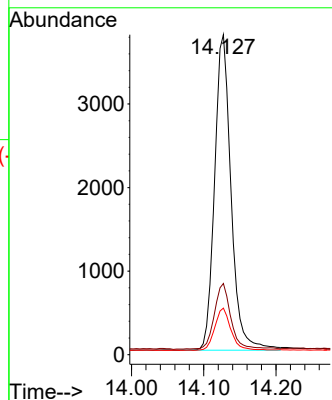
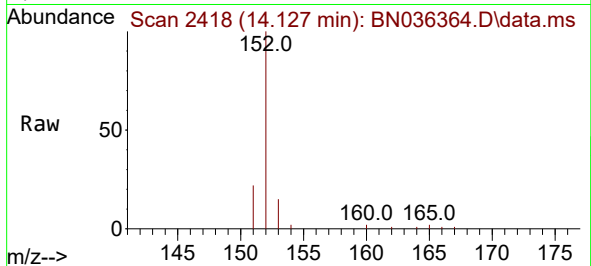




#10
Acenaphthylene
Concen: 0.298 ng/ul
RT: 14.127 min Scan# 2418
Delta R.T. -0.017 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

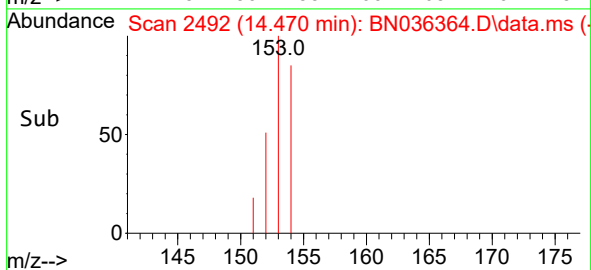
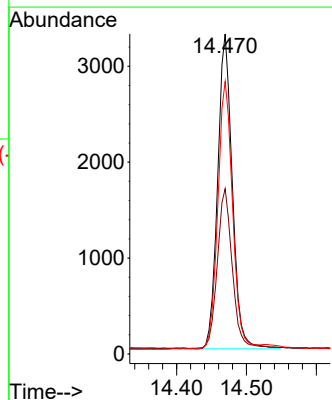
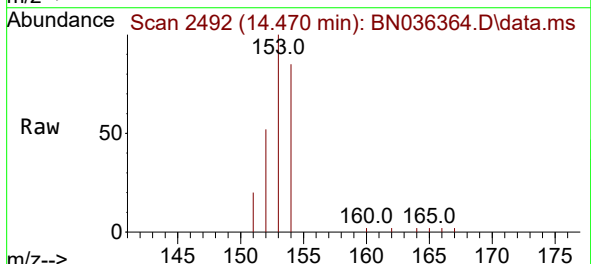
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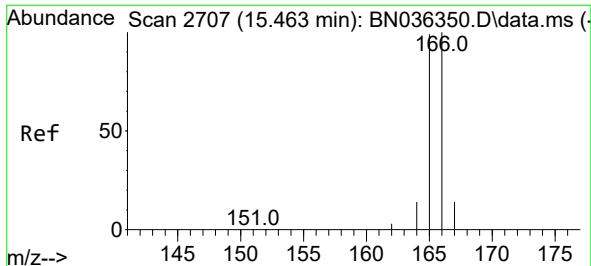
Tgt Ion:152 Resp: 5978
Ion Ratio Lower Upper
152 100
151 22.3 17.4 26.2
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.470 min Scan# 2492
Delta R.T. -0.022 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

Tgt Ion:153 Resp: 4799
Ion Ratio Lower Upper
153 100
152 51.6 43.2 64.8
154 85.2 70.5 105.7

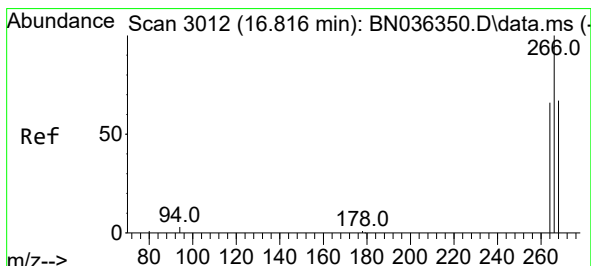
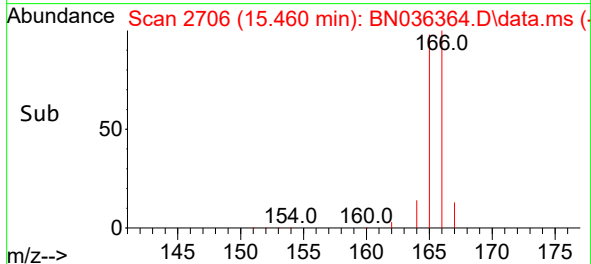
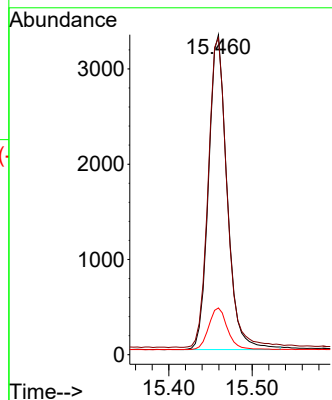
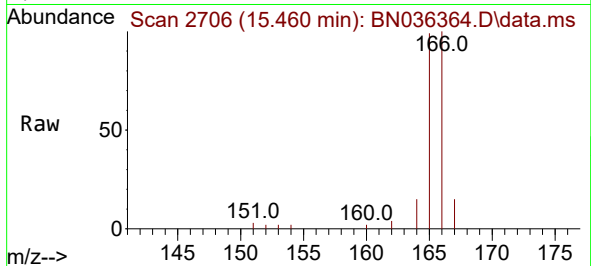




#12
Fluorene
Concen: 0.313 ng/ul
RT: 15.460 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

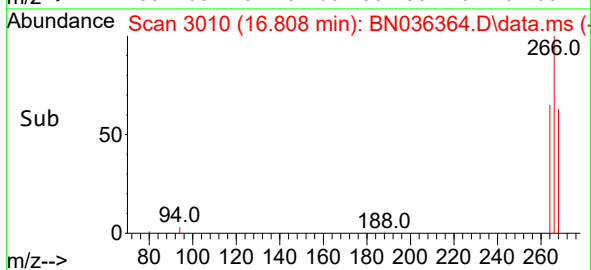
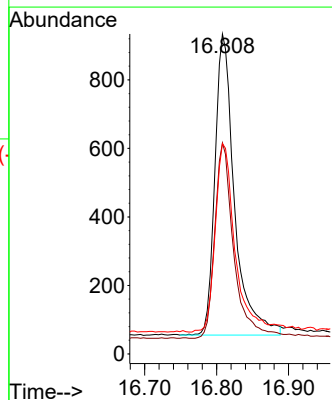
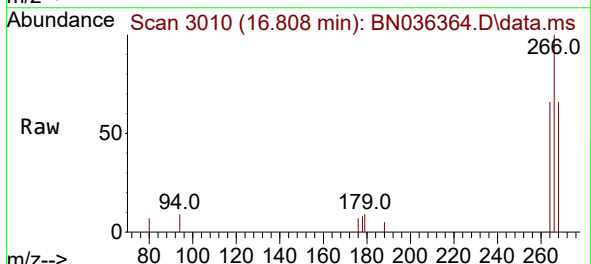
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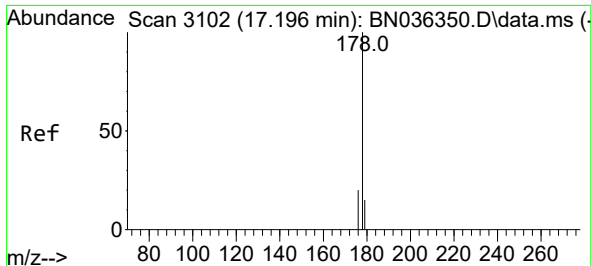
Tgt Ion:166 Resp: 5103
Ion Ratio Lower Upper
166 100
165 99.0 80.3 120.5
167 14.6 12.3 18.5



#14
Pentachlorophenol
Concen: 0.554 ng/ul
RT: 16.808 min Scan# 3010
Delta R.T. -0.020 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

Tgt Ion:266 Resp: 1659
Ion Ratio Lower Upper
266 100
264 62.9 50.6 75.8
268 63.8 50.6 75.8

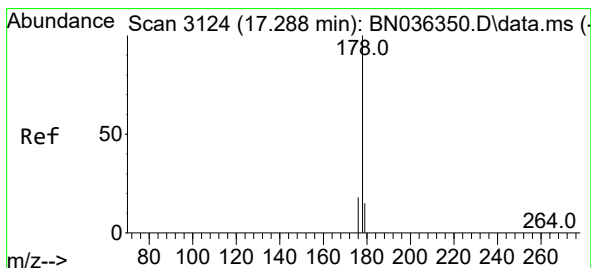
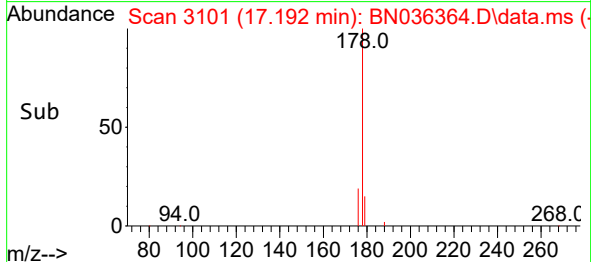
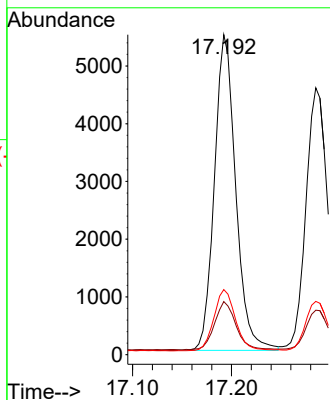
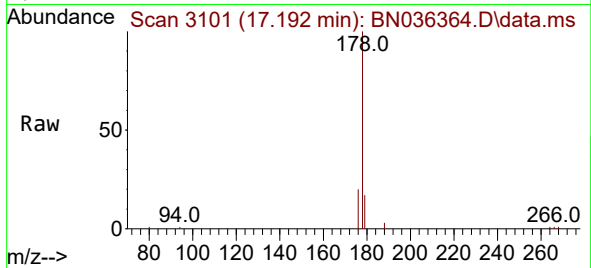




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.192 min Scan# 3101
Delta R.T. -0.020 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

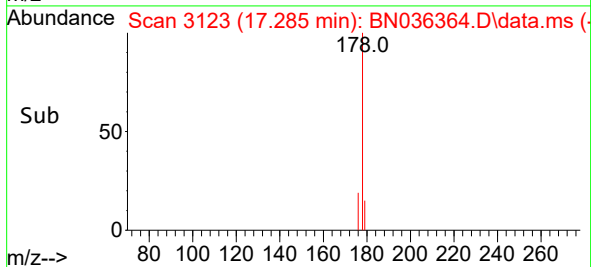
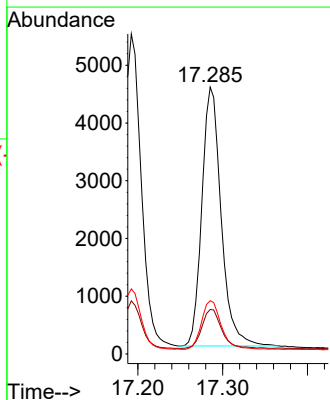
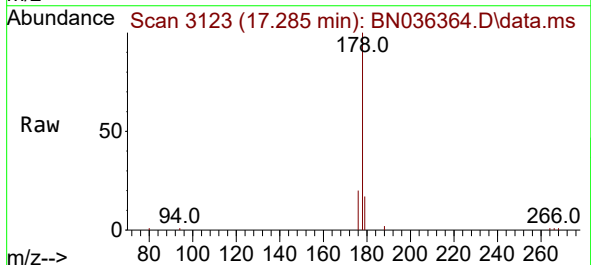
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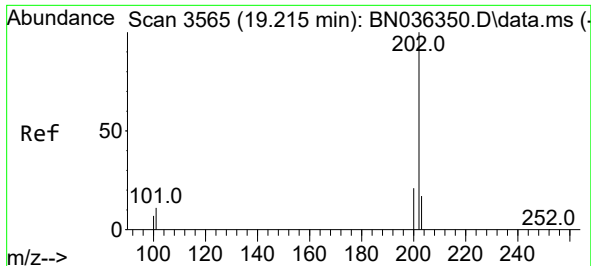
Tgt Ion:178 Resp: 8169
Ion Ratio Lower Upper
178 100
179 16.6 13.2 19.8
176 20.3 16.8 25.2



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.285 min Scan# 3123
Delta R.T. -0.020 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

Tgt Ion:178 Resp: 7090
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 20.0 15.9 23.9

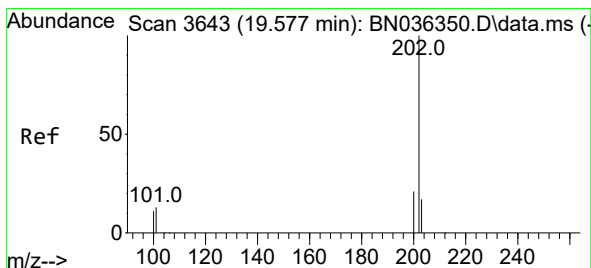
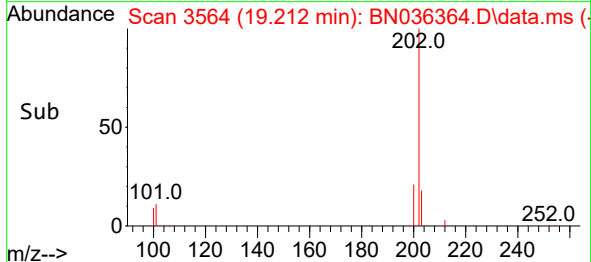
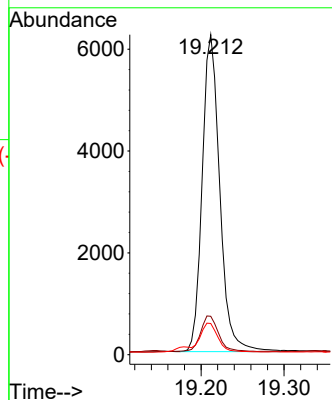
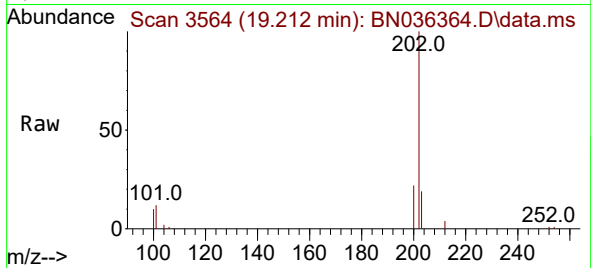




#19
Fluoranthene
Concen: 0.331 ng/ul
RT: 19.212 min Scan# 3564
Delta R.T. -0.022 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

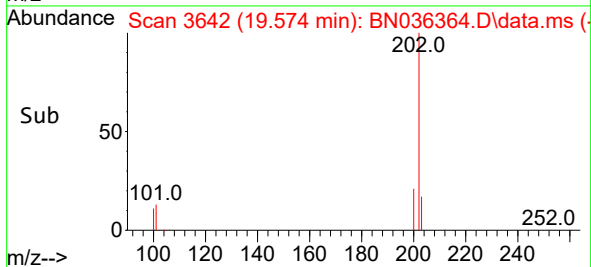
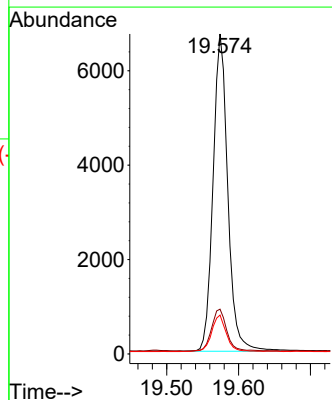
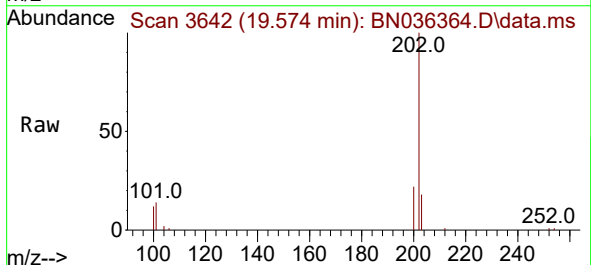
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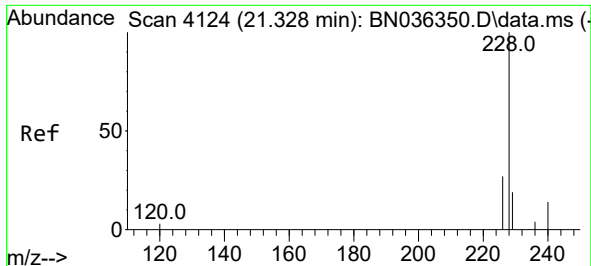
Tgt Ion:202 Resp: 9205
Ion Ratio Lower Upper
202 100
101 12.0 8.4 12.6
100 9.7 6.5 9.7#



#20
Pyrene
Concen: 0.329 ng/ul
RT: 19.574 min Scan# 3642
Delta R.T. -0.022 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

Tgt Ion:202 Resp: 9562
Ion Ratio Lower Upper
202 100
101 14.0 9.3 13.9#
100 12.2 7.5 11.3#

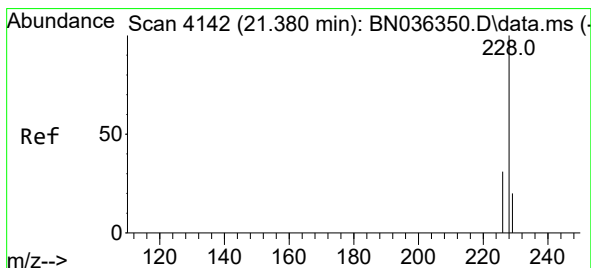
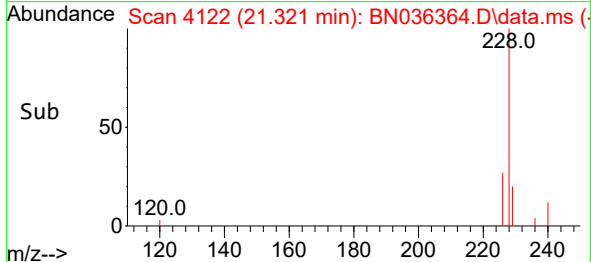
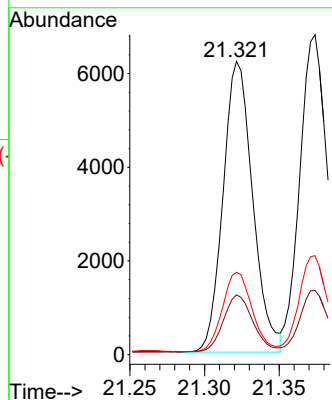
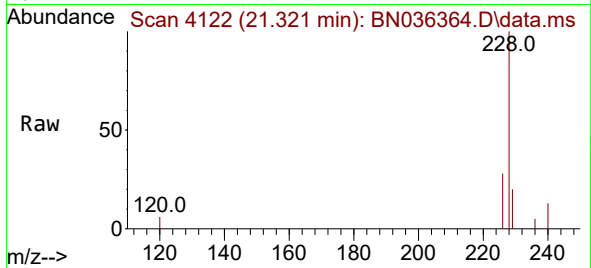




#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.321 min Scan# 4122
Delta R.T. -0.024 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

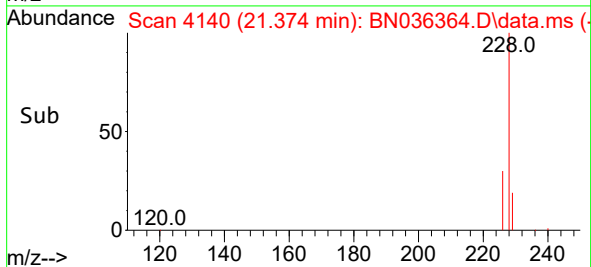
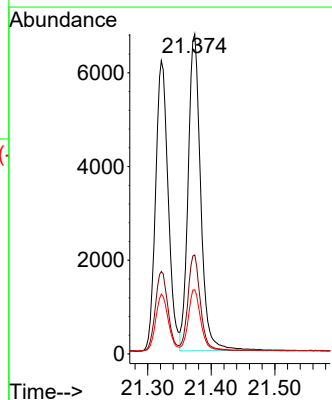
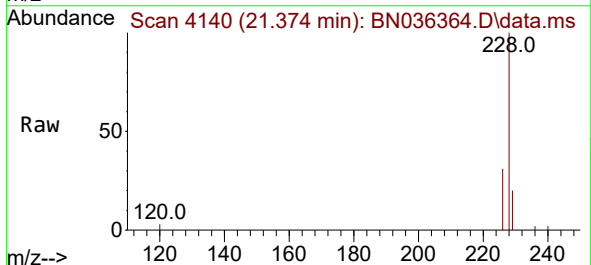
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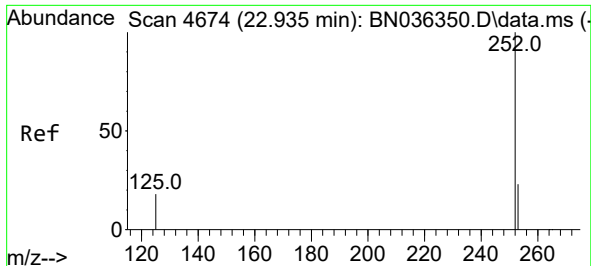
Tgt Ion:228 Resp: 8566
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.1 22.8 34.2



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.374 min Scan# 4140
Delta R.T. -0.024 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

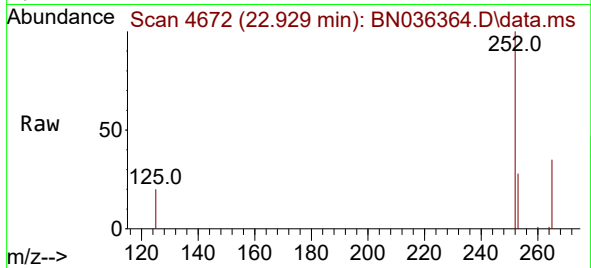
Tgt Ion:228 Resp: 9256
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 20.0 15.9 23.9



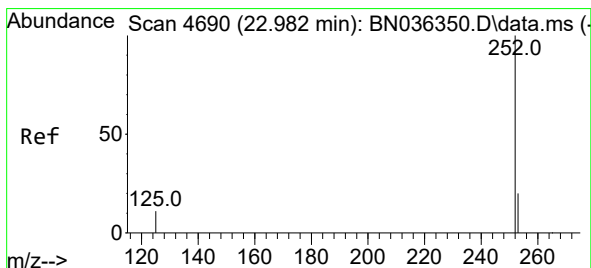
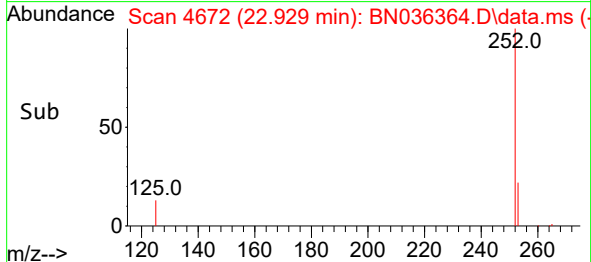
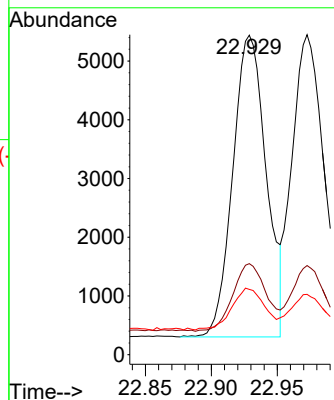


#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 22.929 min Scan# 4672
Delta R.T. -0.033 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

Instrument :
BNA_N
ClientSampleId :
SLCS537

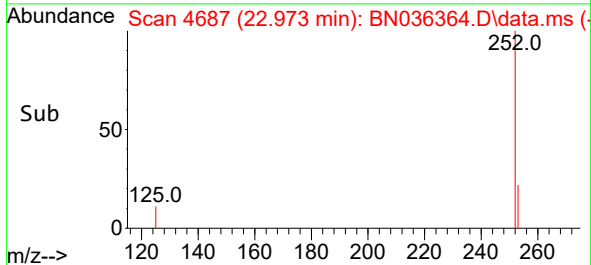
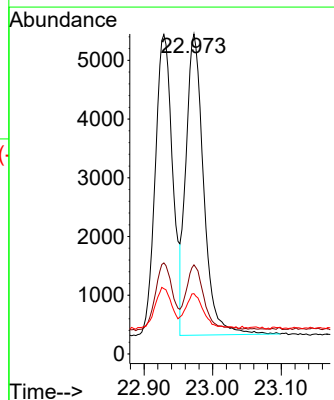
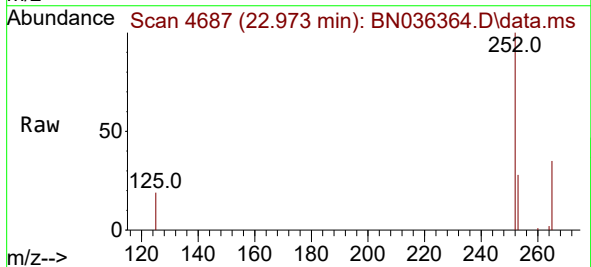


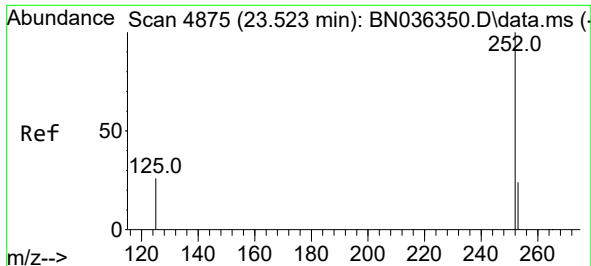
Tgt Ion:252 Resp: 9076
Ion Ratio Lower Upper
252 100
253 28.5 0.0 51.2
125 20.5 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 22.973 min Scan# 4687
Delta R.T. -0.036 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

Tgt Ion:252 Resp: 9167
Ion Ratio Lower Upper
252 100
253 27.9 20.2 30.4
125 18.8 10.6 16.0#

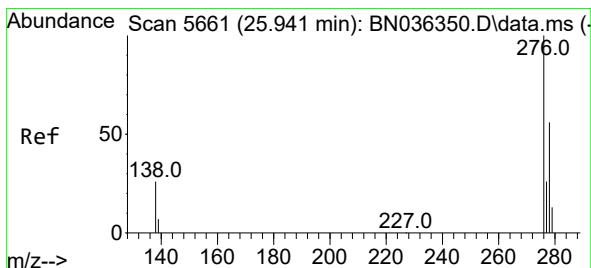
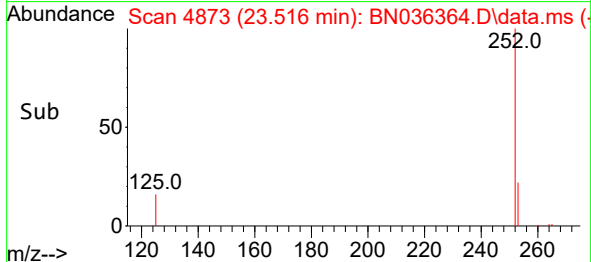
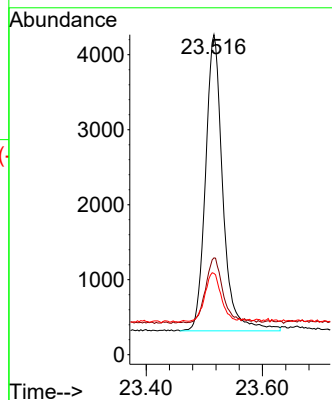
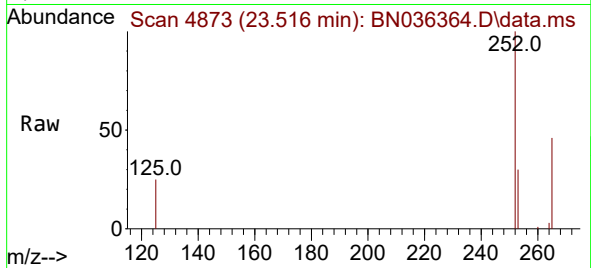




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.516 min Scan# 4875
Delta R.T. -0.039 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

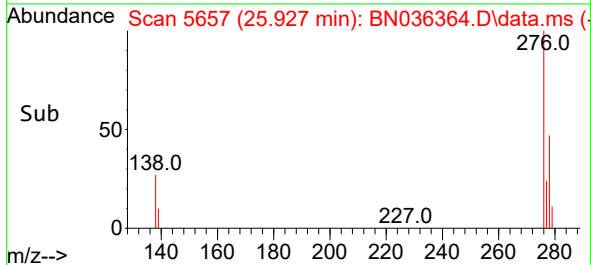
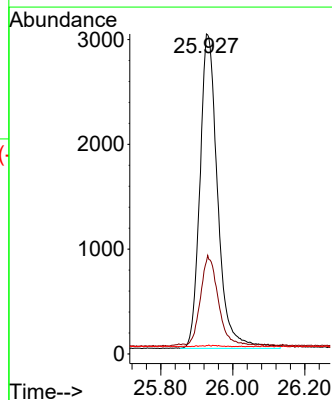
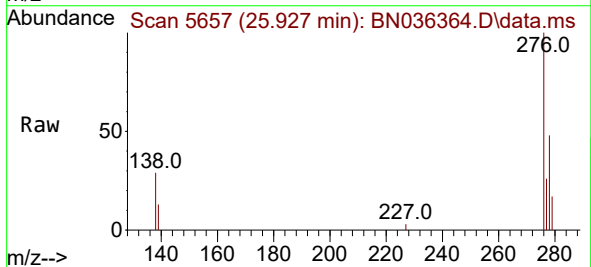
Instrument :
BNA_N
ClientSampleId :
SLCS537

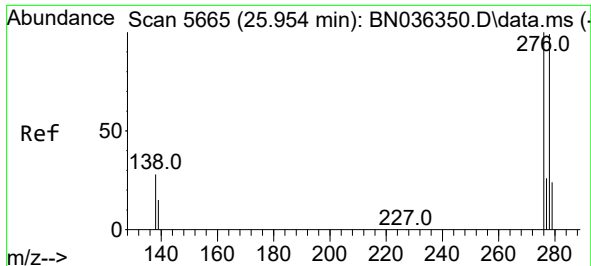
Tgt Ion:252 Resp: 8151
Ion Ratio Lower Upper
252 100
253 30.3 22.2 33.4
125 25.4 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 25.927 min Scan# 5657
Delta R.T. -0.061 min
Lab File: BN036364.D
Acq: 07 Feb 2025 08:59

Tgt Ion:276 Resp: 10251
Ion Ratio Lower Upper
276 100
138 27.8 20.2 30.4
227 0.1 0.1 0.1

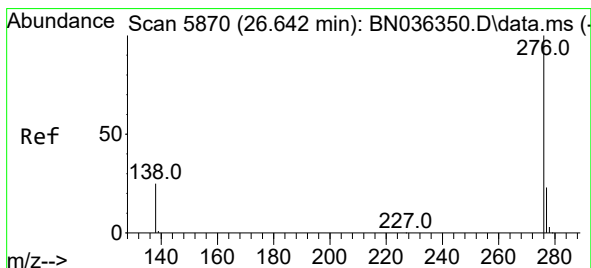
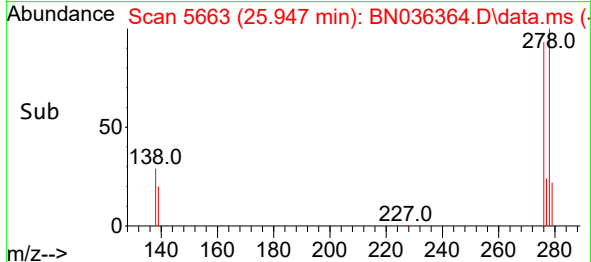
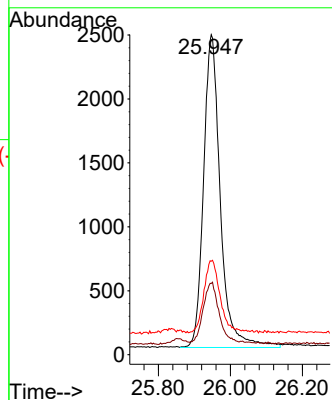
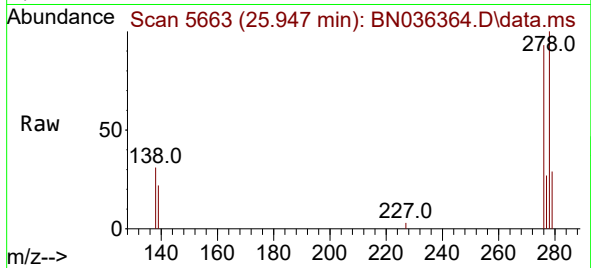




#28
 Dibenzo(a,h)anthracene
 Concen: 0.342 ng/ul
 RT: 25.947 min Scan# 5663
 Delta R.T. -0.051 min
 Lab File: BN036364.D
 Acq: 07 Feb 2025 08:59

Instrument :
 BNA_N
 ClientSampleId :
 SLCS537

Tgt Ion:278 Resp: 7897
 Ion Ratio Lower Upper
 278 100
 139 22.3 15.4 23.2
 279 29.2 22.2 33.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.360 ng/ul
 RT: 26.635 min Scan# 5868
 Delta R.T. -0.068 min
 Lab File: BN036364.D
 Acq: 07 Feb 2025 08:59

Tgt Ion:276 Resp: 8382
 Ion Ratio Lower Upper
 276 100
 138 26.9 19.4 29.0
 277 25.3 21.1 31.7

