

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036212.D
 Acq On : 01 Feb 2025 18:17
 Operator : RC/JU
 Sample : Q1248-10MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6342MS

Quant Time: Feb 03 12:05:47 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)

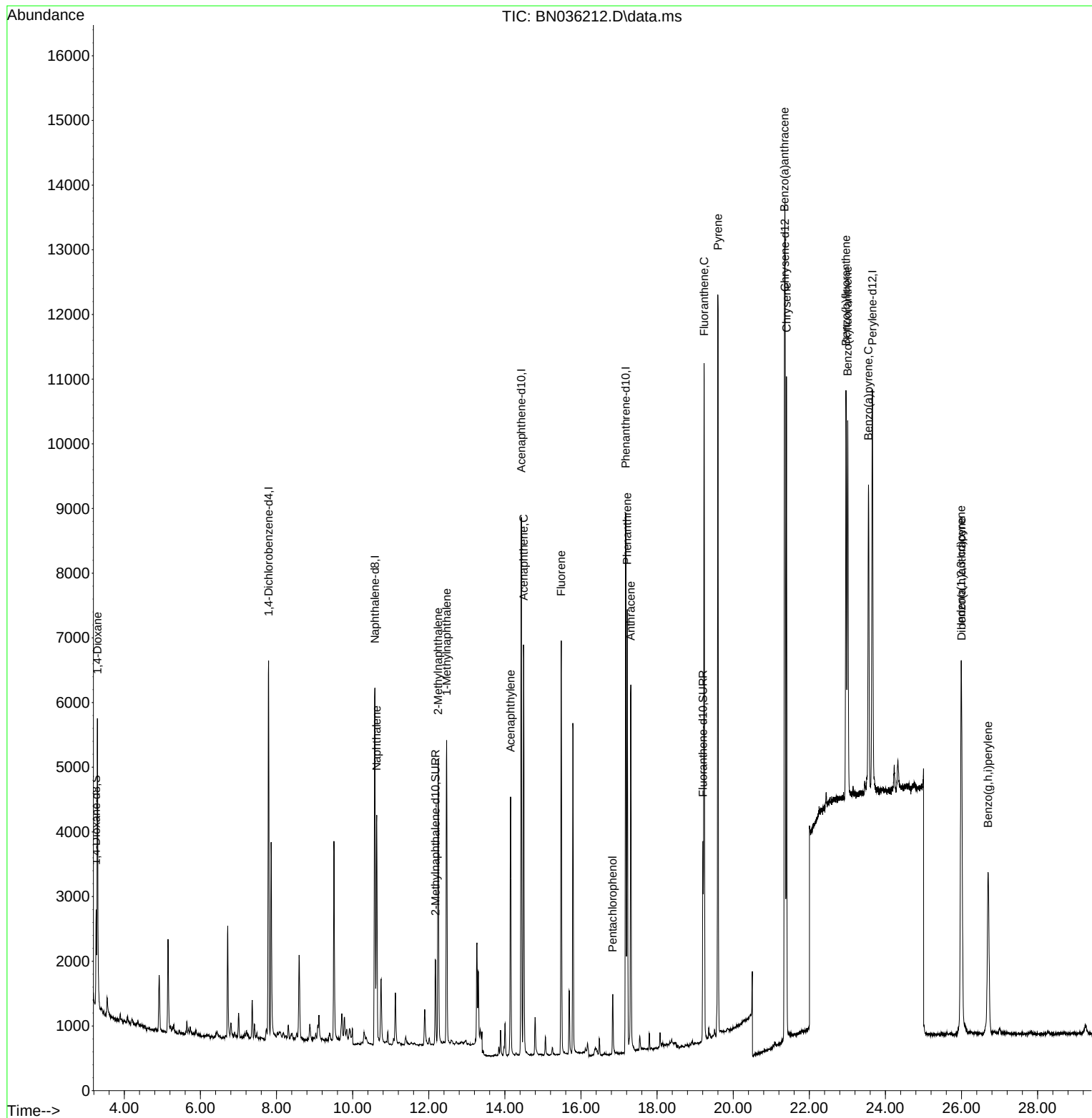
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2890	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	7494	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	4561	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.174	188	9778	0.400	ng/ul	-0.02
17) Chrysene-d12	21.363	240	9582	0.400	ng/ul	0.00
23) Perylene-d12	23.657	264	8261	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	940	0.297	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1796	0.190	ng/ul	-0.02
18) Fluoranthene-d10	19.206	212	3413	0.130	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	2889	0.855	ng/ul	95
5) Naphthalene	10.633	128	4837	0.234	ng/ul	99
7) 2-Methylnaphthalene	12.249	142	3196	0.249	ng/ul	99
8) 1-Methylnaphthalene	12.469	142	3227	0.248	ng/ul	99
10) Acenaphthylene	14.149	152	4701	0.219	ng/ul	100
11) Acenaphthene	14.492	153	3671	0.232	ng/ul	97
12) Fluorene	15.482	166	4039	0.231	ng/ul	98
14) Pentachlorophenol	16.832	266	665	0.194	ng/ul	99
15) Phenanthrene	17.217	178	7318	0.256	ng/ul	98
16) Anthracene	17.309	178	6295	0.237	ng/ul	99
19) Fluoranthene	19.238	202	8936	0.245	ng/ul	99
20) Pyrene	19.596	202	9435	0.248	ng/ul#	94
21) Benzo(a)anthracene	21.348	228	8665	0.253	ng/ul	98
22) Chrysene	21.401	228	8676	0.248	ng/ul	99
24) Benzo(b)fluoranthene	22.964	252	7686	0.279	ng/ul	80
25) Benzo(k)fluoranthene	23.008	252	7376	0.254	ng/ul#	81
26) Benzo(a)pyrene	23.555	252	6537	0.263	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.988	276	7119	0.216	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.001	278	5534	0.218	ng/ul#	89
29) Benzo(g,h,i)perylene	26.699	276	5458	0.213	ng/ul#	93

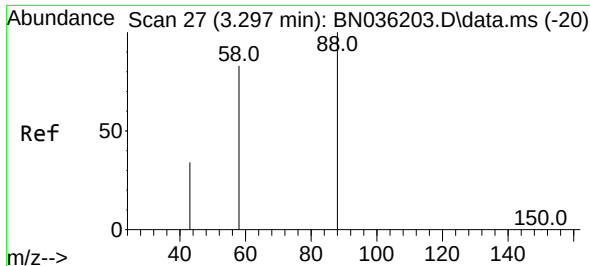
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036212.D
Acq On : 01 Feb 2025 18:17
Operator : RC/JU
Sample : Q1248-10MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6342MS

Quant Time: Feb 03 12:05:47 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

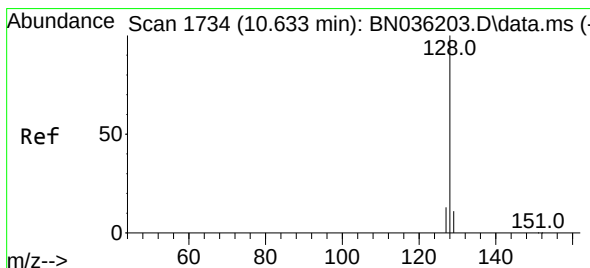
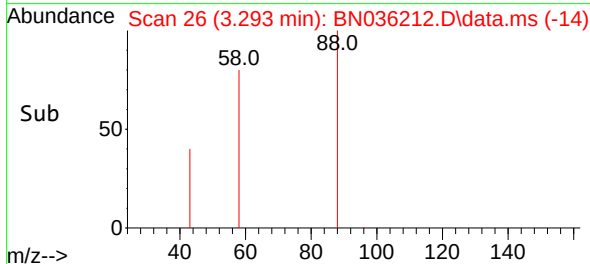
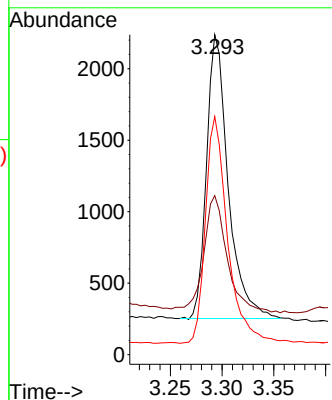
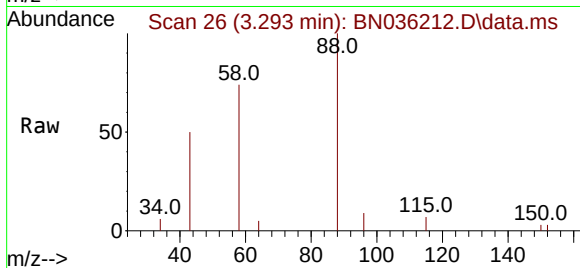




#2
 1,4-Dioxane
 Concen: 0.855 ng/ul
 RT: 3.293 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BN036212.D
 Acq: 01 Feb 2025 18:17

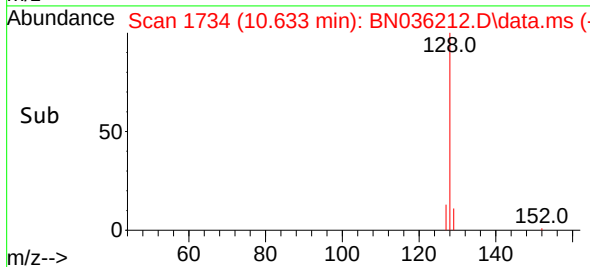
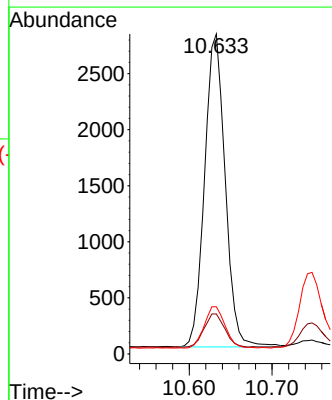
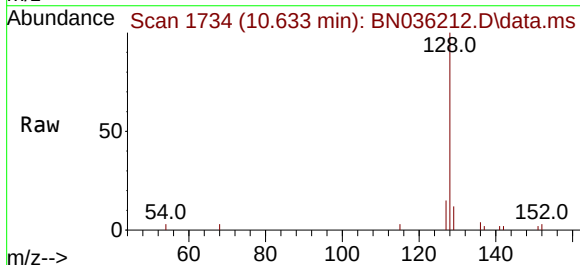
Instrument :
 BNA_N
 ClientSampleId :
 A6342MS

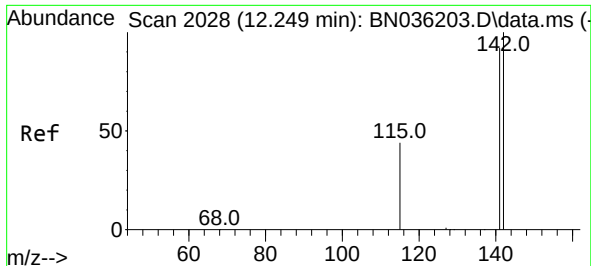
Tgt Ion: 88 Resp: 2889
 Ion Ratio Lower Upper
 88 100
 43 49.7 40.7 61.1
 58 74.4 55.2 82.8



#5
 Naphthalene
 Concen: 0.234 ng/ul
 RT: 10.633 min Scan# 1734
 Delta R.T. -0.022 min
 Lab File: BN036212.D
 Acq: 01 Feb 2025 18:17

Tgt Ion: 128 Resp: 4837
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.6 14.4
 127 14.8 12.0 18.0

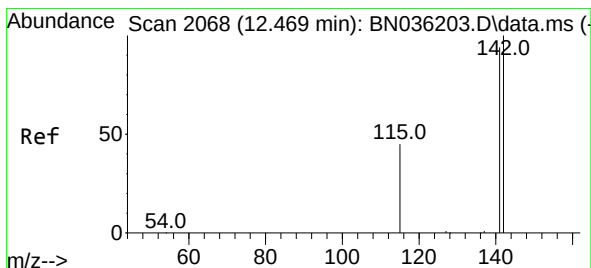
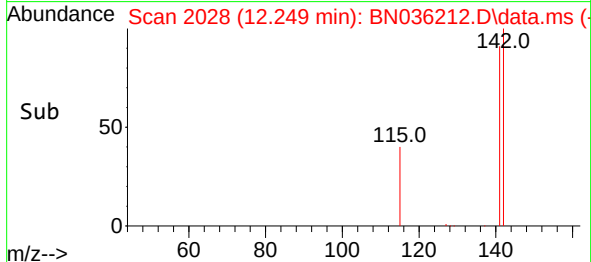
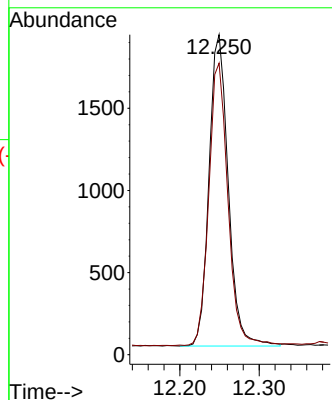
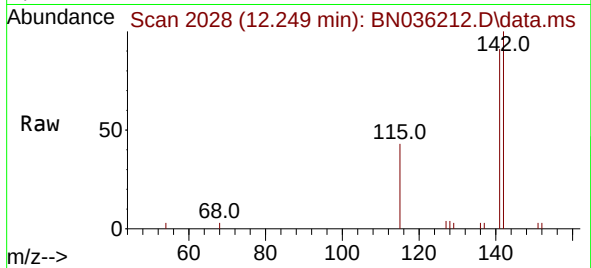




#7
2-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.249 min Scan# 2028
Delta R.T. -0.022 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

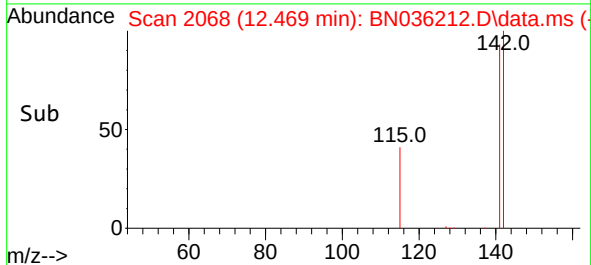
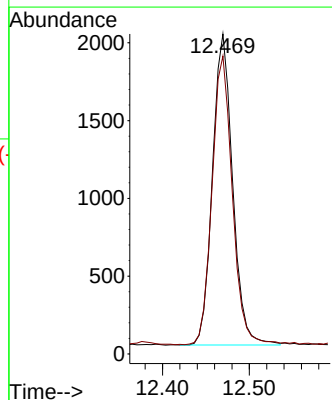
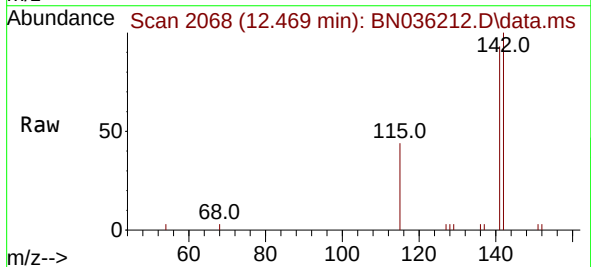
Instrument :
BNA_N
ClientSampleId :
A6342MS

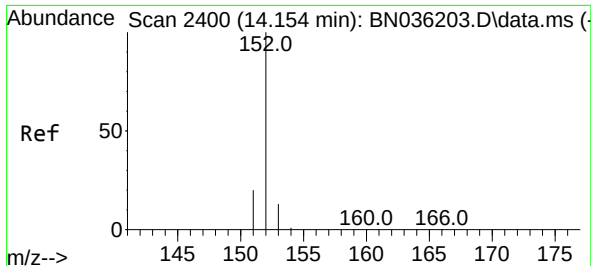
Tgt Ion:142 Resp: 3196
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.248 ng/ul
RT: 12.469 min Scan# 2068
Delta R.T. -0.022 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

Tgt Ion:142 Resp: 3227
Ion Ratio Lower Upper
142 100
141 93.4 75.2 112.8

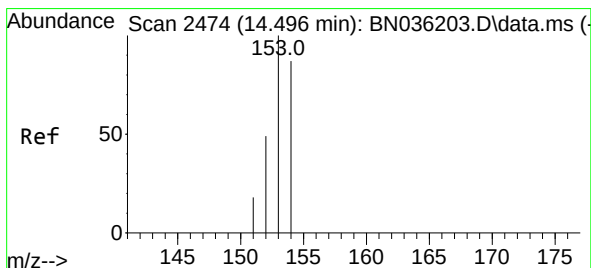
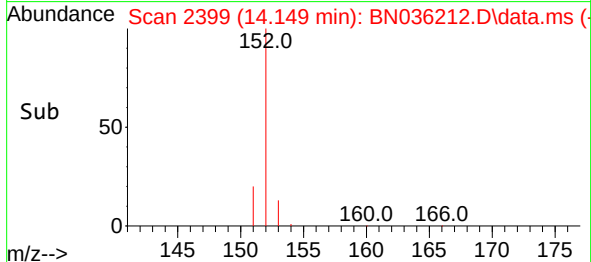
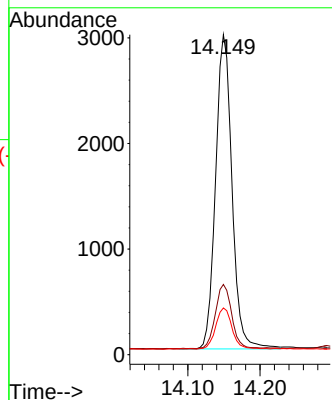
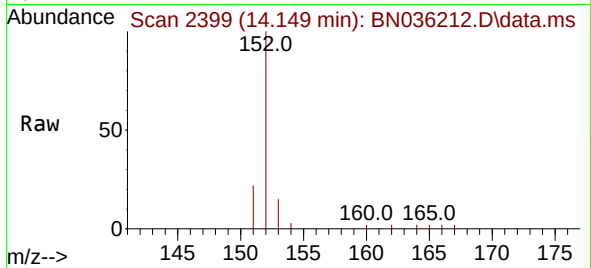




#10
Acenaphthylene
Concen: 0.219 ng/ul
RT: 14.149 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

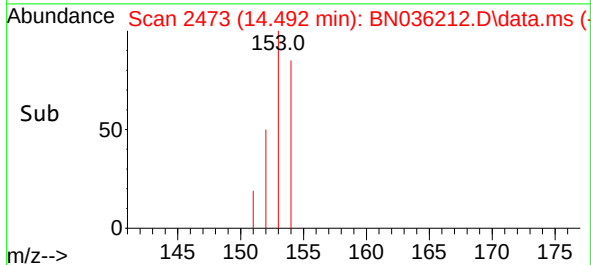
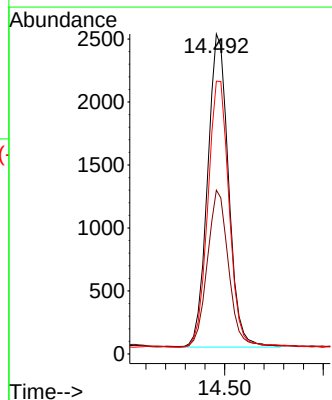
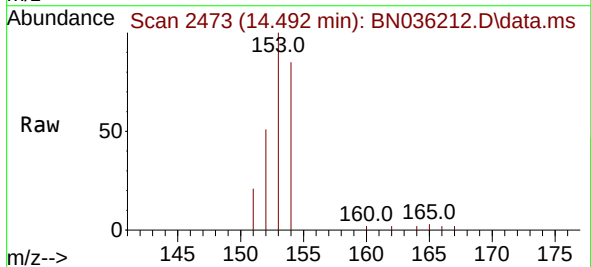
Instrument :
BNA_N
ClientSampleId :
A6342MS

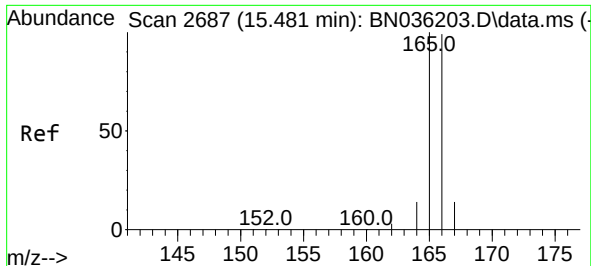
Tgt Ion:152 Resp: 4701
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.232 ng/ul
RT: 14.492 min Scan# 2473
Delta R.T. -0.023 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

Tgt Ion:153 Resp: 3671
Ion Ratio Lower Upper
153 100
152 51.2 43.2 64.8
154 85.3 70.5 105.7

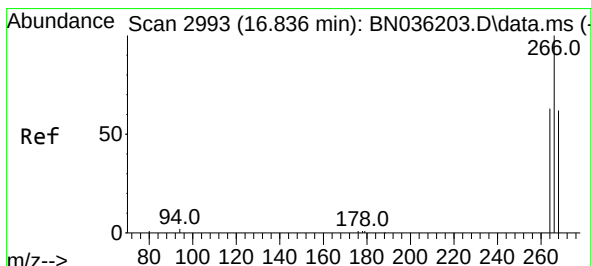
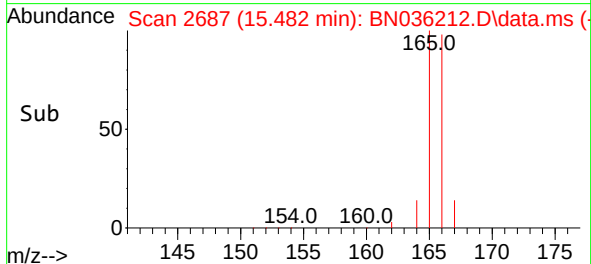
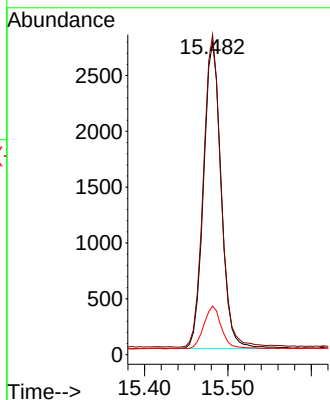
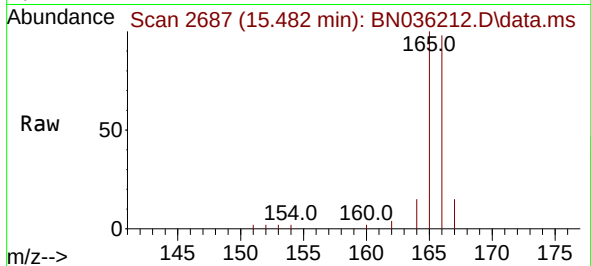




#12
 Fluorene
 Concen: 0.231 ng/ul
 RT: 15.482 min Scan# 2092
 Delta R.T. -0.018 min
 Lab File: BN036212.D
 Acq: 01 Feb 2025 18:17

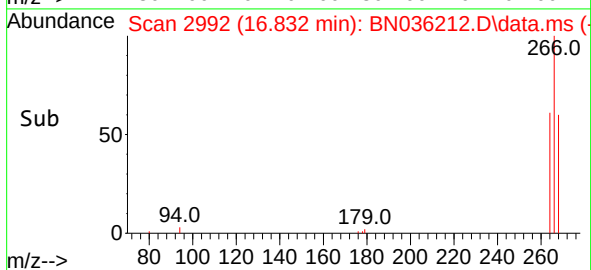
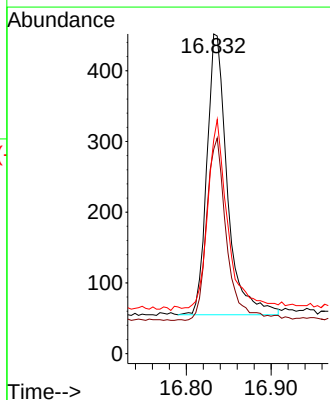
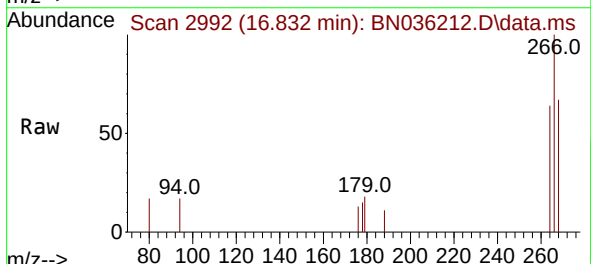
Instrument :
 BNA_N
 ClientSampleId :
 A6342MS

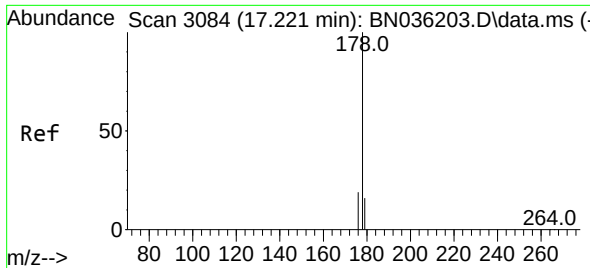
Tgt Ion:	166	Resp:	4039
Ion	Ratio	Lower	Upper
166	100		
165	102.4	80.3	120.5
167	15.5	12.3	18.5



#14
 Pentachlorophenol
 Concen: 0.194 ng/ul
 RT: 16.832 min Scan# 2992
 Delta R.T. -0.008 min
 Lab File: BN036212.D
 Acq: 01 Feb 2025 18:17

Tgt Ion:	266	Resp:	665
Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.6	75.8
268	64.7	50.6	75.8

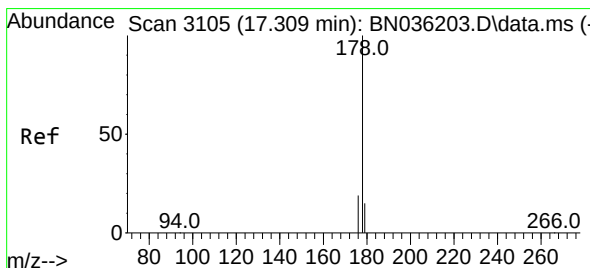
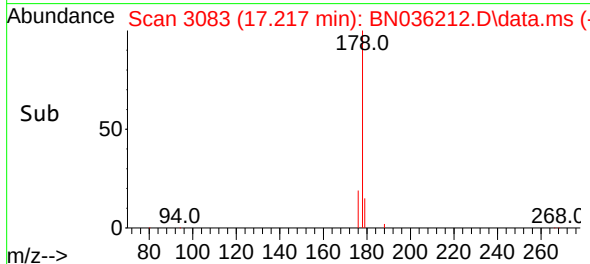
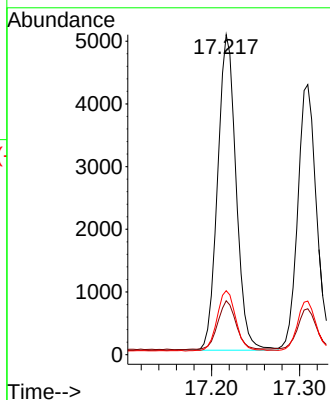
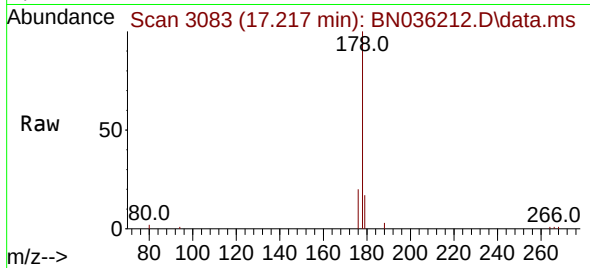




#15
Phenanthrene
Concen: 0.256 ng/ul
RT: 17.217 min Scan# 3083
Delta R.T. -0.017 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

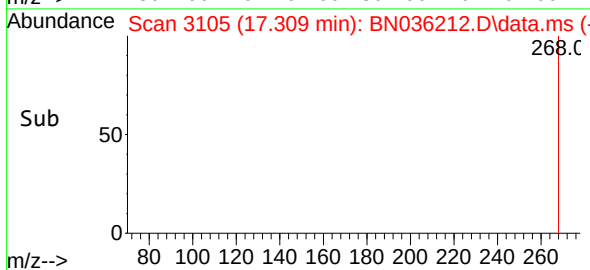
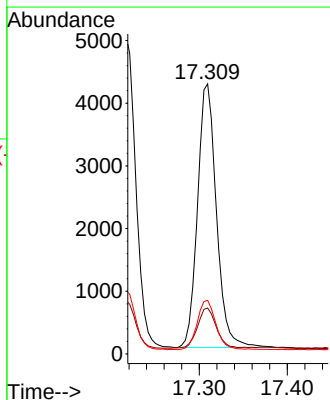
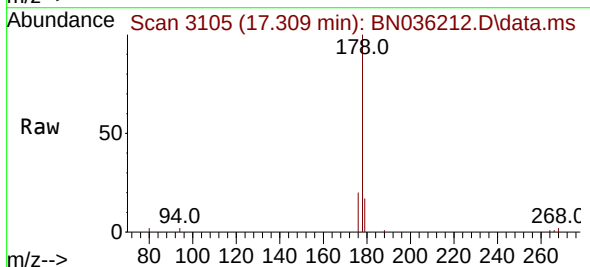
Instrument :
BNA_N
ClientSampleId :
A6342MS

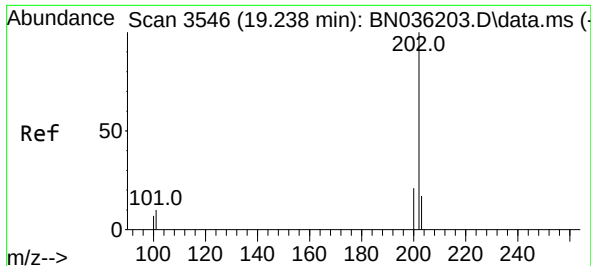
Tgt Ion:	178	Resp:	7318
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.2	19.8
176	20.0	16.8	25.2



#16
Anthracene
Concen: 0.237 ng/ul
RT: 17.309 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

Tgt Ion:	178	Resp:	6295
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.0	19.4
176	19.9	15.9	23.9

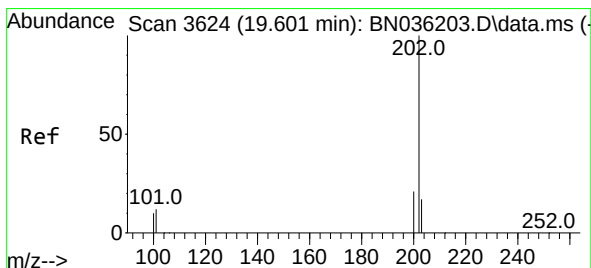
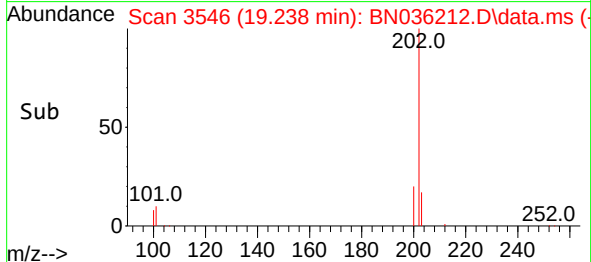
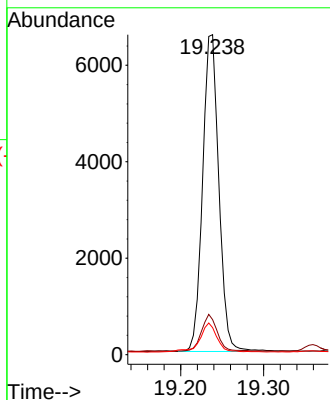
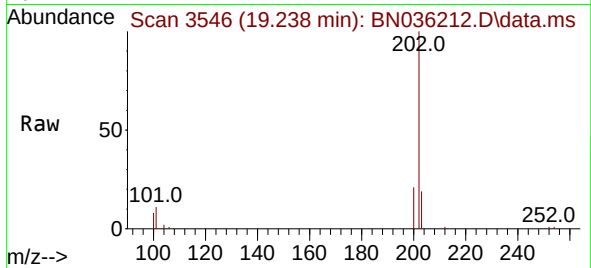




#19
Fluoranthene
Concen: 0.245 ng/ul
RT: 19.238 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

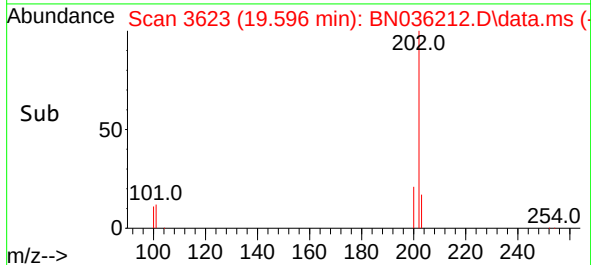
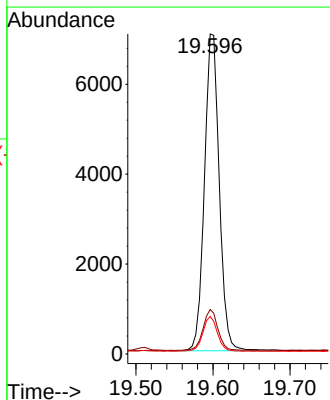
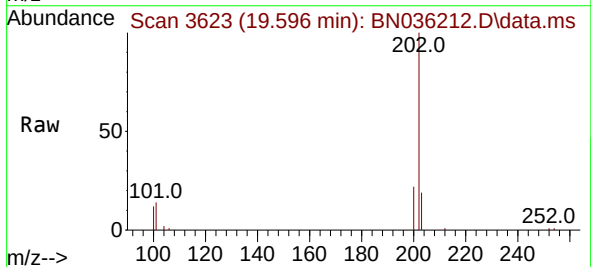
Instrument :
BNA_N
ClientSampleId :
A6342MS

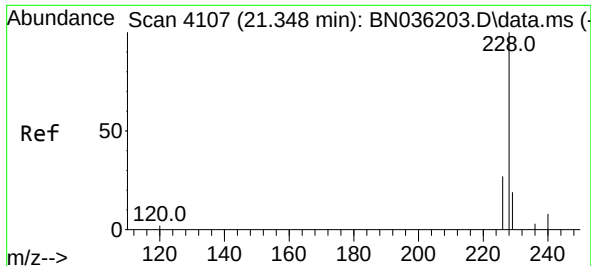
Tgt Ion:202 Resp: 8936
Ion Ratio Lower Upper
202 100
101 11.0 8.4 12.6
100 8.5 6.5 9.7



#20
Pyrene
Concen: 0.248 ng/ul
RT: 19.596 min Scan# 3623
Delta R.T. -0.014 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

Tgt Ion:202 Resp: 9435
Ion Ratio Lower Upper
202 100
101 13.9 9.3 13.9
100 11.7 7.5 11.3#

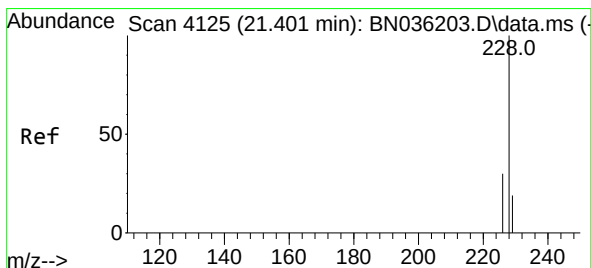
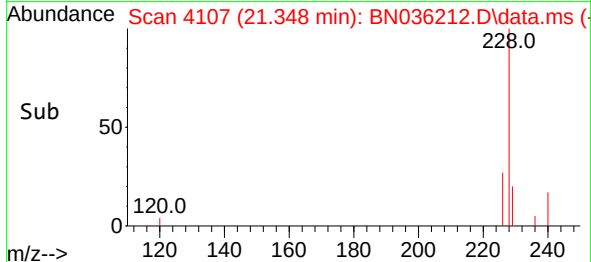
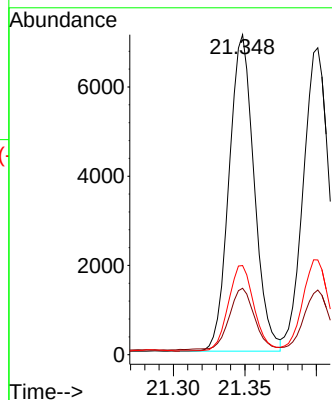
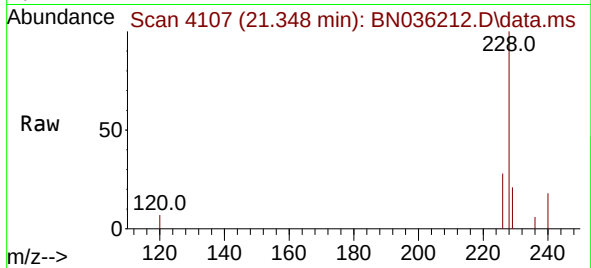




#21
Benzo(a)anthracene
Concen: 0.253 ng/ul
RT: 21.348 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

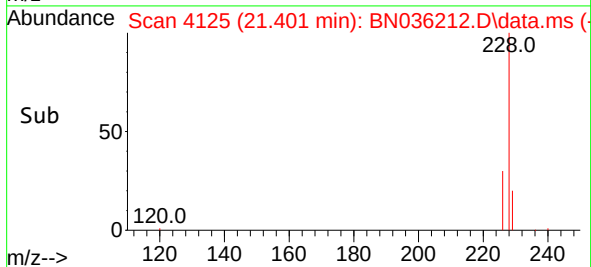
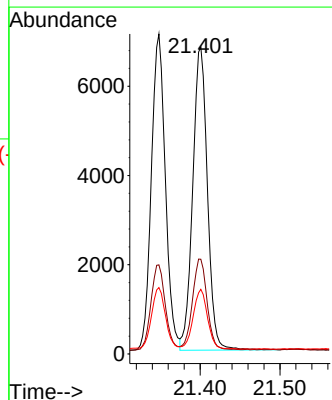
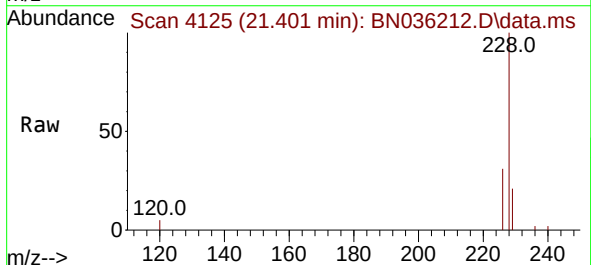
Instrument :
BNA_N
ClientSampleId :
A6342MS

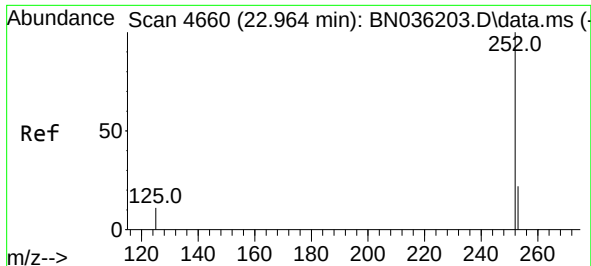
Tgt Ion:	228	Resp:	8665
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.9	23.9
226	27.8	22.8	34.2



#22
Chrysene
Concen: 0.248 ng/ul
RT: 21.401 min Scan# 4125
Delta R.T. -0.005 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

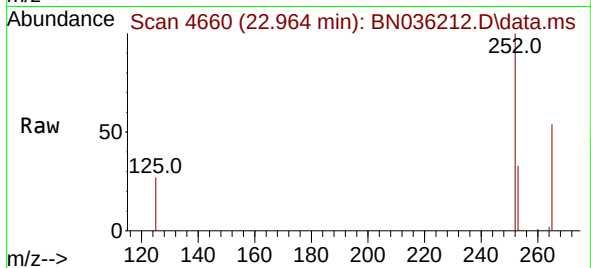
Tgt Ion:	228	Resp:	8676
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.4	36.6
229	21.1	15.9	23.9



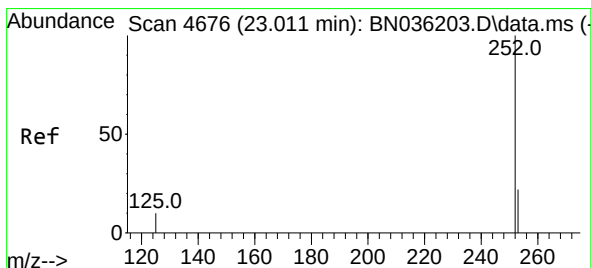
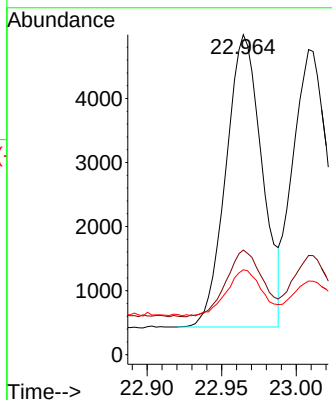
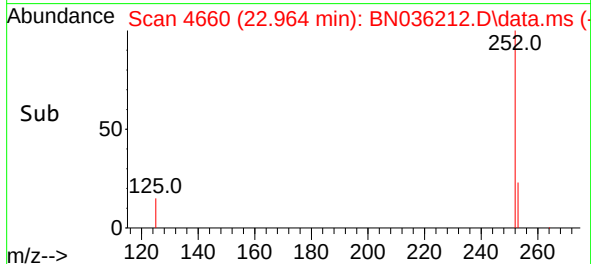


#24
Benzo(b)fluoranthene
Concen: 0.279 ng/ul
RT: 22.964 min Scan# 4660
Delta R.T. -0.008 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

Instrument :
BNA_N
ClientSampleId :
A6342MS

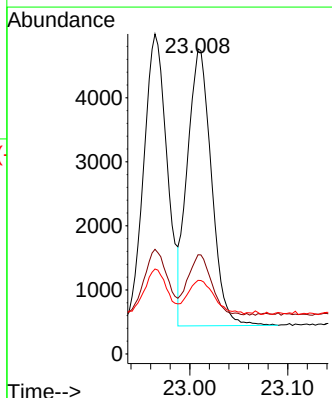
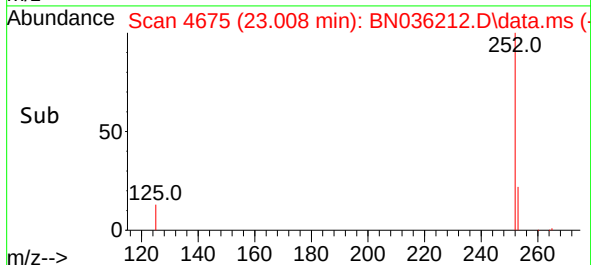
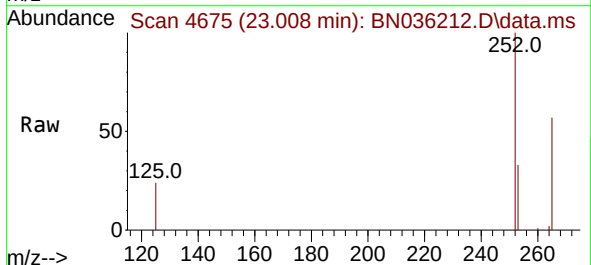


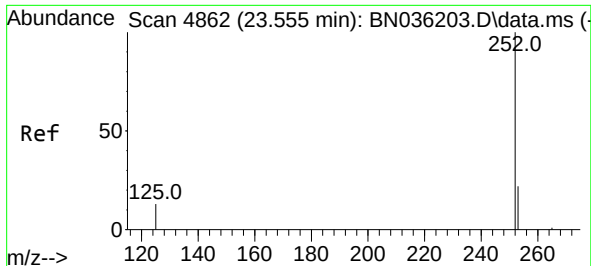
Tgt Ion:252 Resp: 7686
Ion Ratio Lower Upper
252 100
253 32.7 0.0 51.2
125 26.5 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.254 ng/ul
RT: 23.008 min Scan# 4675
Delta R.T. -0.011 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

Tgt Ion:252 Resp: 7376
Ion Ratio Lower Upper
252 100
253 32.5 20.2 30.4#
125 24.1 10.6 16.0#

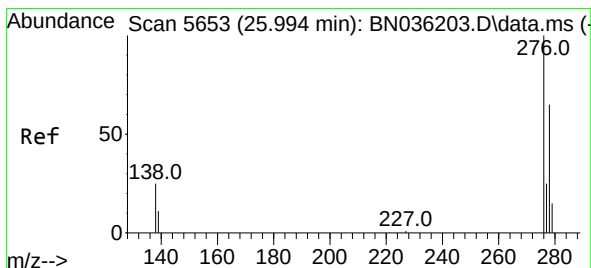
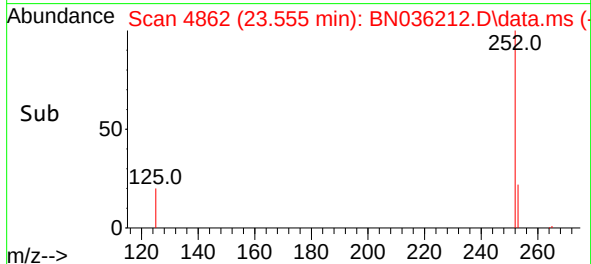
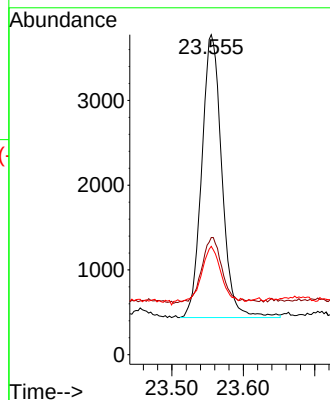
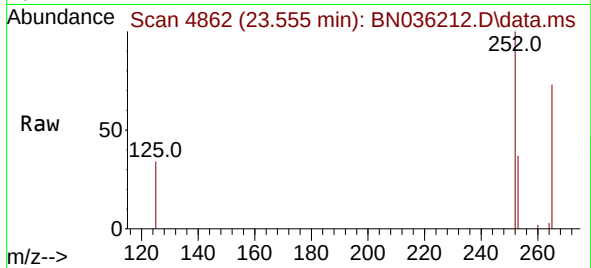




#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.555 min Scan# 4862
Delta R.T. -0.008 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

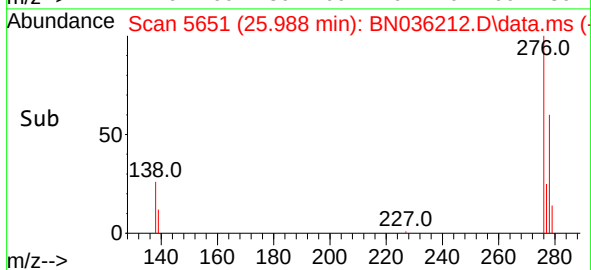
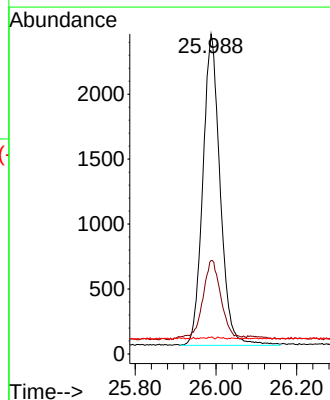
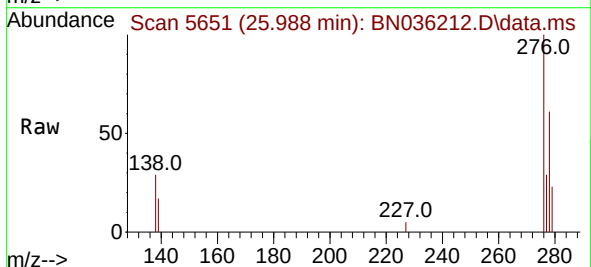
Instrument :
BNA_N
ClientSampleId :
A6342MS

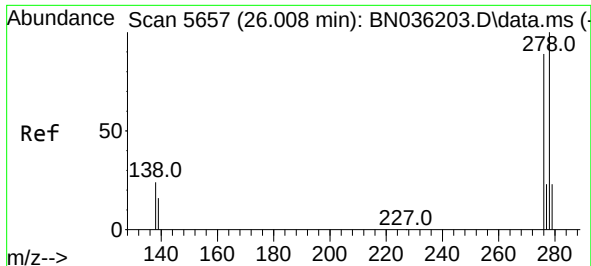
Tgt Ion:252 Resp: 6537
Ion Ratio Lower Upper
252 100
253 36.6 22.2 33.4#
125 33.8 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.216 ng/ul
RT: 25.988 min Scan# 5651
Delta R.T. -0.016 min
Lab File: BN036212.D
Acq: 01 Feb 2025 18:17

Tgt Ion:276 Resp: 7119
Ion Ratio Lower Upper
276 100
138 27.5 20.2 30.4
227 0.2 0.1 0.1#

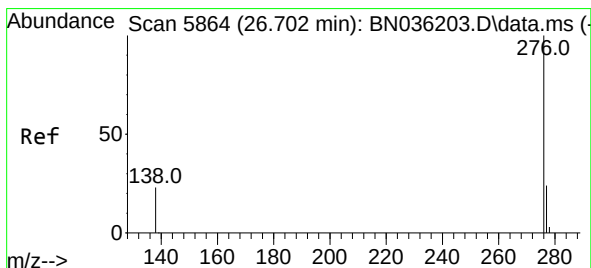
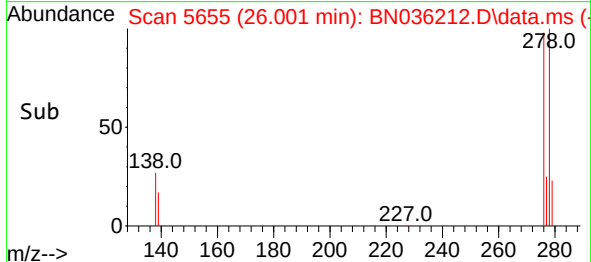
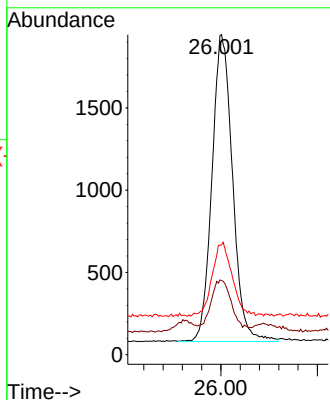
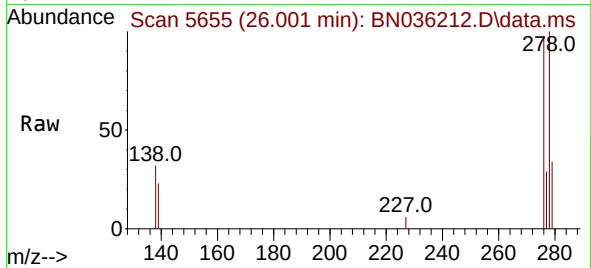




#28
 Dibenzo(a,h)anthracene
 Concen: 0.218 ng/ul
 RT: 26.001 min Scan# 5655
 Delta R.T. -0.020 min
 Lab File: BN036212.D
 Acq: 01 Feb 2025 18:17

Instrument :
 BNA_N
 ClientSampleId :
 A6342MS

Tgt Ion:278 Resp: 5534
 Ion Ratio Lower Upper
 278 100
 139 23.2 15.4 23.2#
 279 34.3 22.2 33.4#



#29
 Benzo(g,h,i)perylene
 Concen: 0.213 ng/ul
 RT: 26.699 min Scan# 5863
 Delta R.T. -0.020 min
 Lab File: BN036212.D
 Acq: 01 Feb 2025 18:17

Tgt Ion:276 Resp: 5458
 Ion Ratio Lower Upper
 276 100
 138 29.4 19.4 29.0#
 277 28.2 21.1 31.7

