

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120525\
 Data File : BN038281.D
 Acq On : 05 Dec 2025 18:44
 Operator : RC/JU
 Sample : PB170742BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS742

Quant Time: Dec 05 22:30:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 01 16:36:13 2025
 Response via : Initial Calibration

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

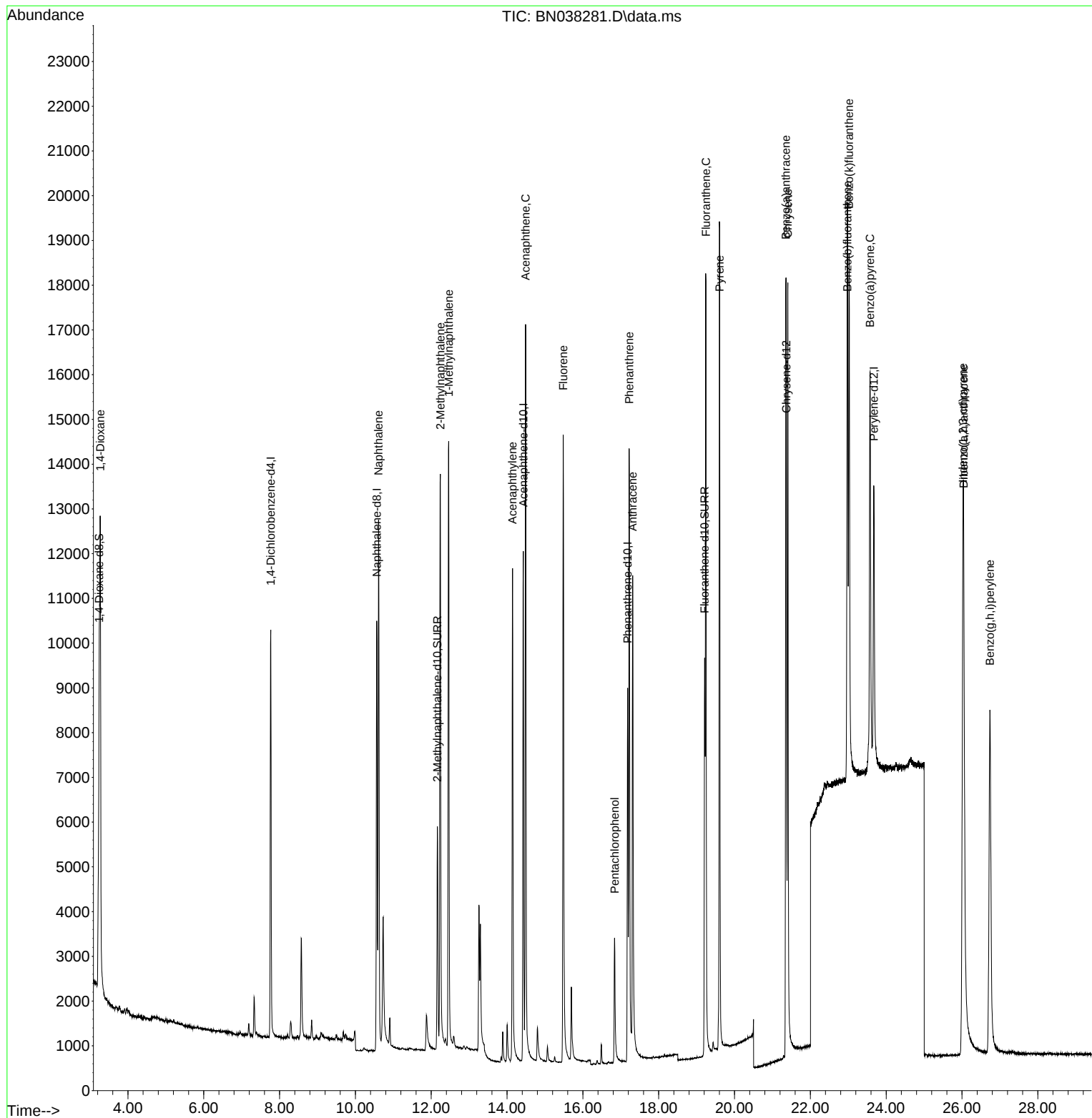
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	4904	0.400	ng/u1	0.00
4) Naphthalene-d8	10.562	136	13626	0.400	ng/u1	-0.01
9) Acenaphthene-d10	14.428	164	6701	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.179	188	11217	0.400	ng/u1	0.00
17) Chrysene-d12	21.368	240	8913	0.400	ng/u1	0.00
23) Perylene-d12	23.674	264	9478	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.239	96	4271	0.830	ng/u1	0.02
6) 2-Methylnaphthalene-d10	12.162	152	7396	0.381	ng/u1	-0.01
18) Fluoranthene-d10	19.212	212	10566	0.305	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	11390	2.055	ng/u1	95
5) Naphthalene	10.612	128	16631	0.449	ng/u1	99
7) 2-Methylnaphthalene	12.239	142	10517	0.425	ng/u1	99
8) 1-Methylnaphthalene	12.459	142	10251	0.391	ng/u1	100
10) Acenaphthylene	14.146	152	14243	0.452	ng/u1	100
11) Acenaphthene	14.488	153	10446	0.447	ng/u1	99
12) Fluorene	15.483	166	10882	0.434	ng/u1	100
14) Pentachlorophenol	16.838	266	2461	1.368	ng/u1	98
15) Phenanthrene	17.222	178	15958	0.454	ng/u1	100
16) Anthracene	17.315	178	13996	0.469	ng/u1	99
19) Fluoranthene	19.244	202	16544	0.347	ng/u1	99
20) Pyrene	19.607	202	17139	0.363	ng/u1	97
21) Benzo(a)anthracene	21.353	228	14419	0.484	ng/u1	100
22) Chrysene	21.406	228	16752	0.453	ng/u1	99
24) Benzo(b)fluoranthene	22.978	252	16781	0.452	ng/u1	99
25) Benzo(k)fluoranthene	23.022	252	18229	0.466	ng/u1	100
26) Benzo(a)pyrene	23.575	252	15754	0.470	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.024	276	21290	0.533	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.044	278	16157	0.577	ng/u1	97
29) Benzo(g,h,i)perylene	26.735	276	18507	0.493	ng/u1	99

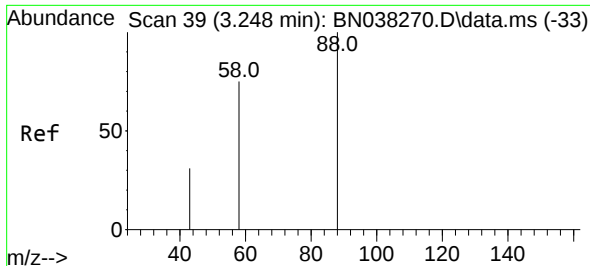
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120525\
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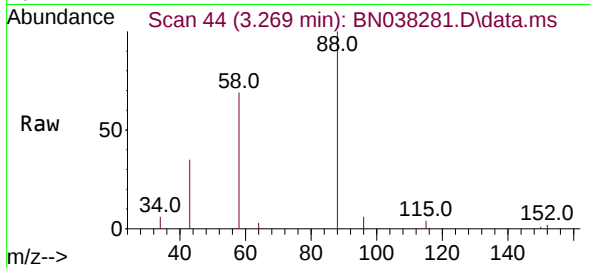
Quant Time: Dec 05 22:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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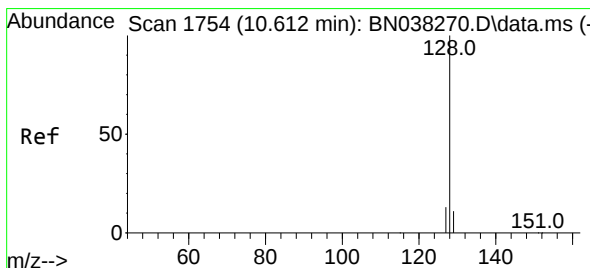
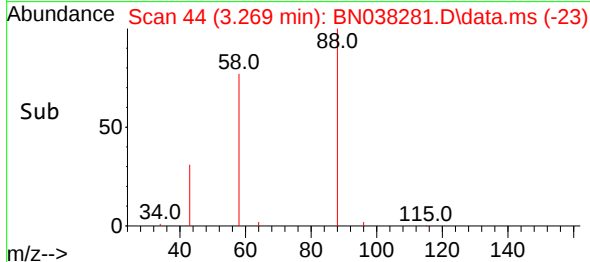
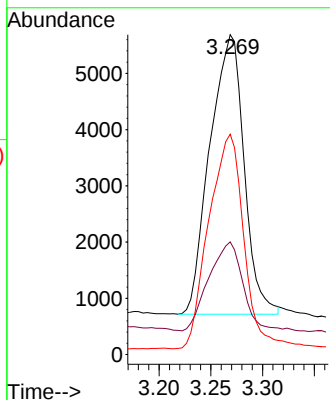


#2
1,4-Dioxane
Concen: 2.055 ng/ul
RT: 3.269 min Scan# 44
Delta R.T. 0.017 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Instrument :
BNA_N
ClientSampleId :
SLCS742

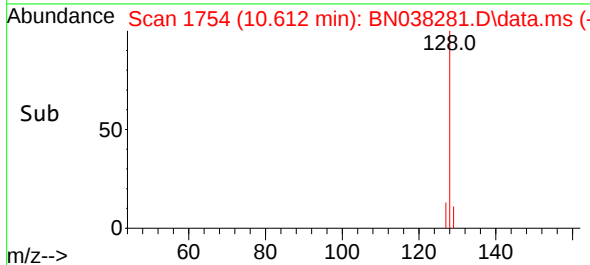
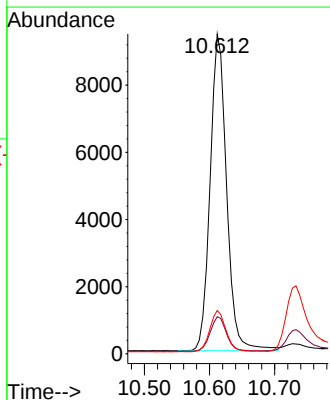
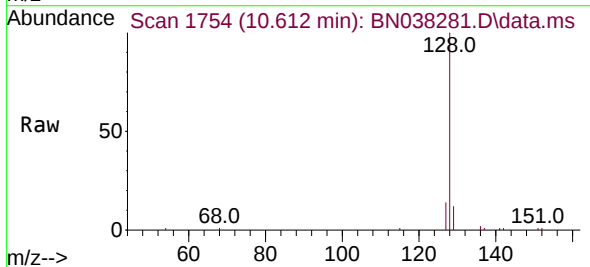


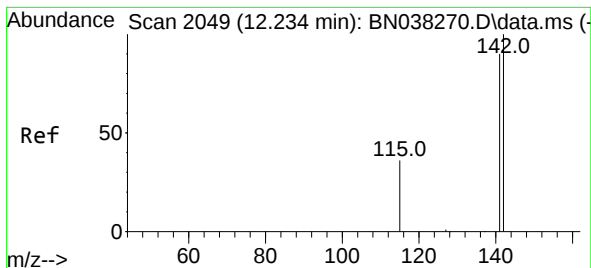
Tgt Ion: 88 Resp: 11390
Ion Ratio Lower Upper
88 100
43 35.2 27.5 41.3
58 68.9 50.5 75.7



#5
Naphthalene
Concen: 0.449 ng/ul
RT: 10.612 min Scan# 1754
Delta R.T. -0.011 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Tgt Ion:128 Resp: 16631
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 10.6 16.0

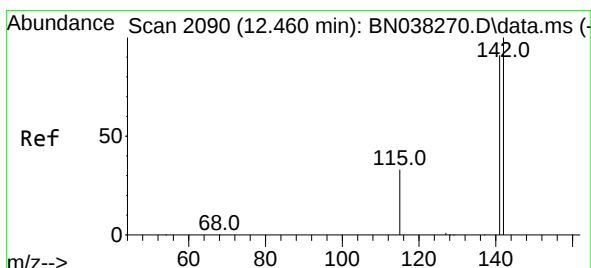
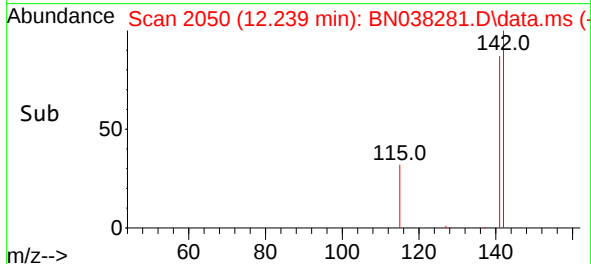
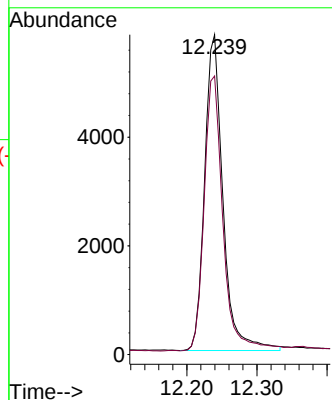
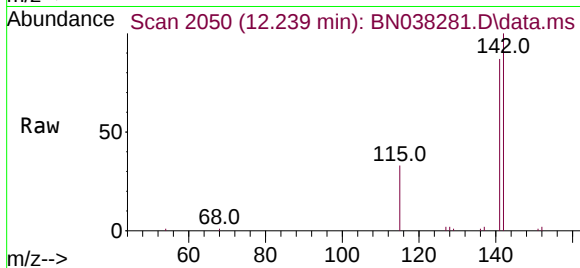




#7
2-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.239 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

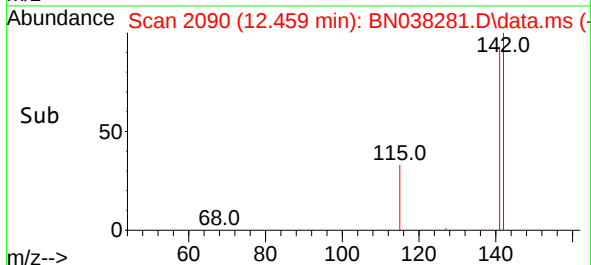
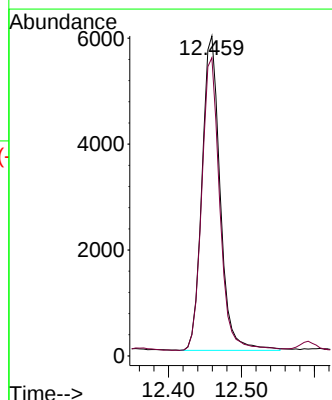
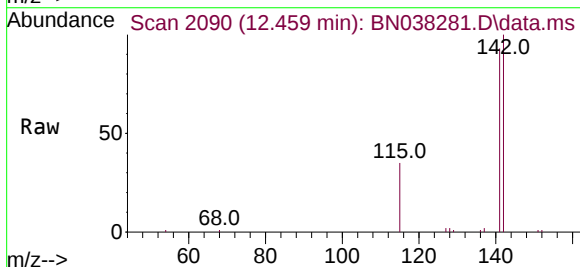
Instrument :
BNA_N
ClientSampleId :
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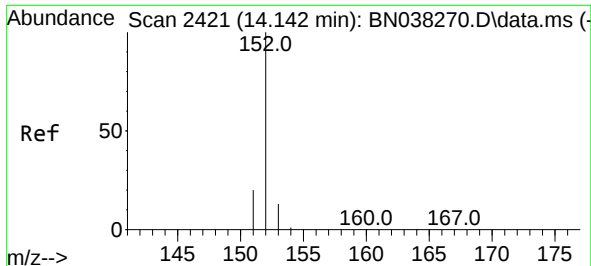
Tgt Ion:142 Resp: 10517
Ion Ratio Lower Upper
142 100
141 89.1 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Tgt Ion:142 Resp: 10251
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

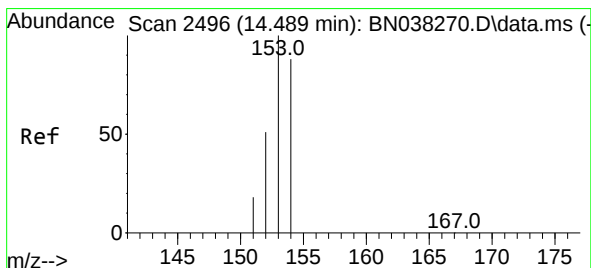
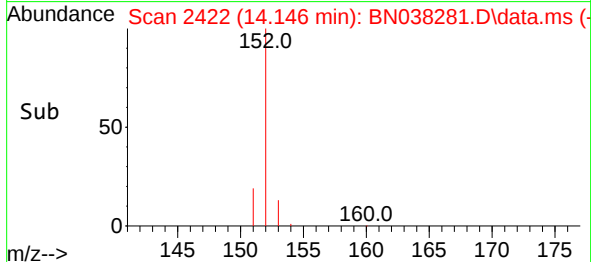
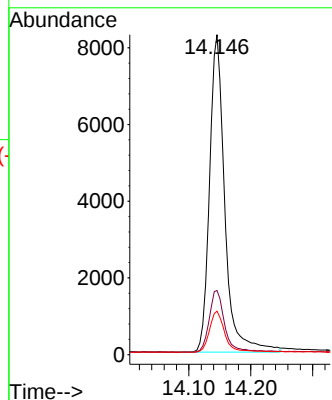
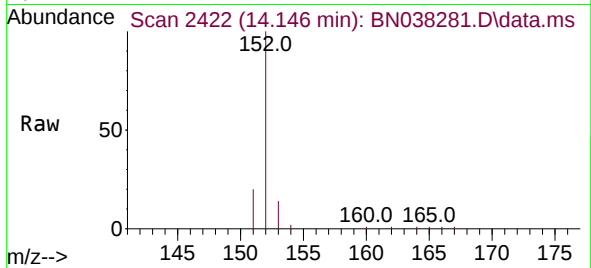




#10
Acenaphthylene
Concen: 0.452 ng/ul
RT: 14.146 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

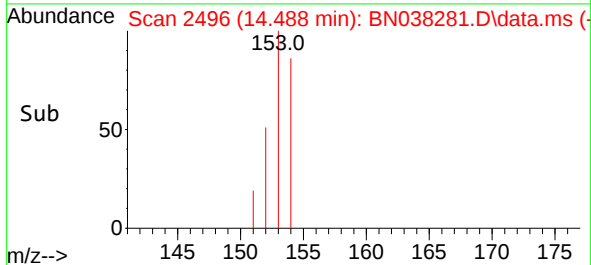
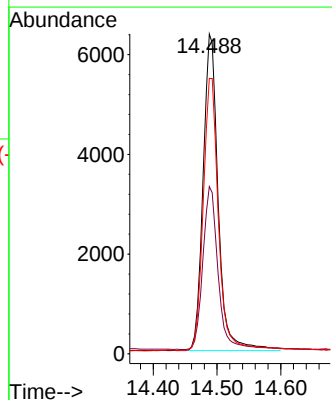
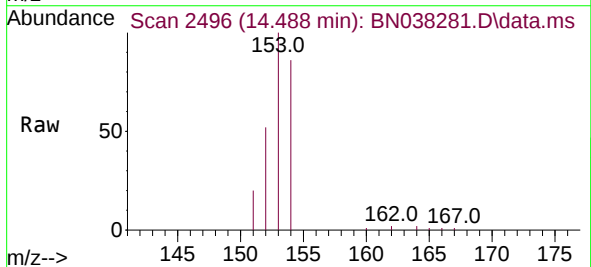
Instrument :
BNA_N
ClientSampleId :
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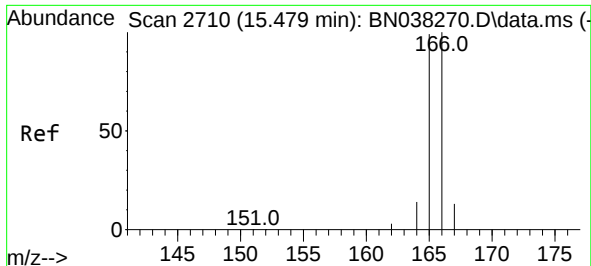
Tgt Ion:152 Resp: 14243
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.6 10.7 16.1



#11
Acenaphthene
Concen: 0.447 ng/ul
RT: 14.488 min Scan# 2496
Delta R.T. -0.010 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Tgt Ion:153 Resp: 10446
Ion Ratio Lower Upper
153 100
152 52.3 41.4 62.0
154 86.1 69.7 104.5

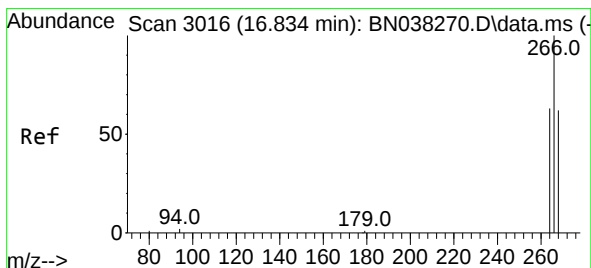
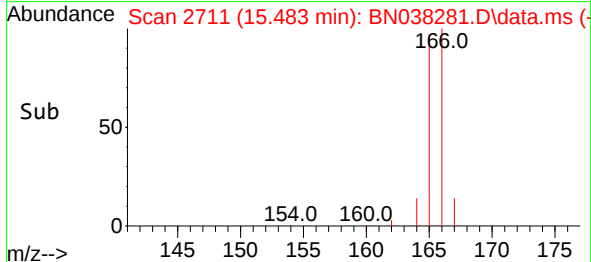
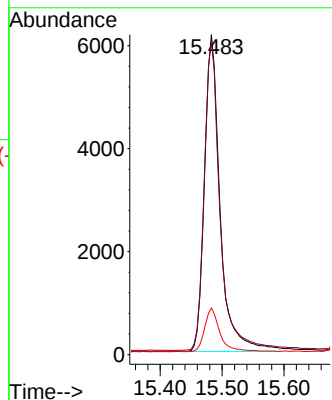
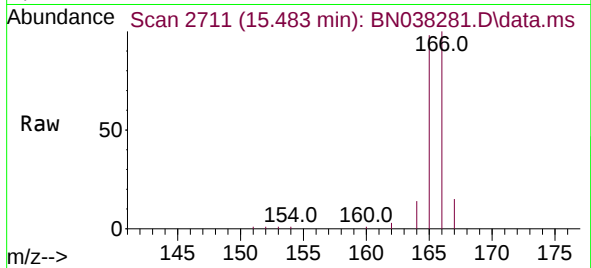




#12
Fluorene
Concen: 0.434 ng/ul
RT: 15.483 min Scan# 2711
Delta R.T. -0.005 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

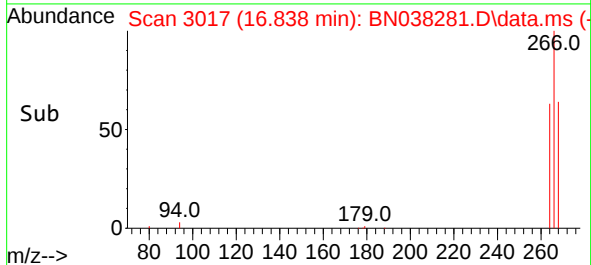
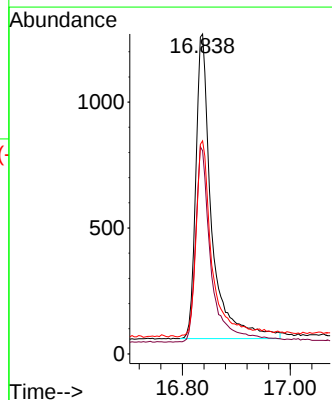
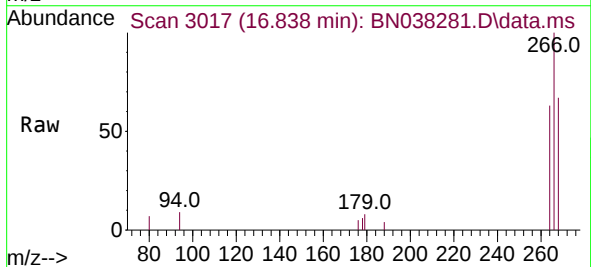
Instrument :
BNA_N
ClientSampleId :
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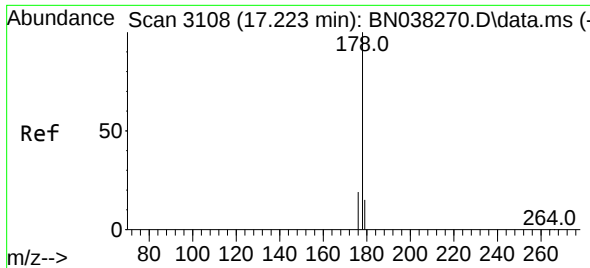
Tgt Ion:166 Resp: 10882
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 14.6 11.0 16.4



#14
Pentachlorophenol
Concen: 1.368 ng/ul
RT: 16.838 min Scan# 3017
Delta R.T. -0.009 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Tgt Ion:266 Resp: 2461
Ion Ratio Lower Upper
266 100
264 63.7 49.3 73.9
268 66.6 53.7 80.5

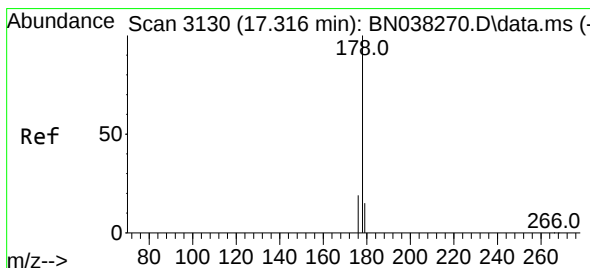
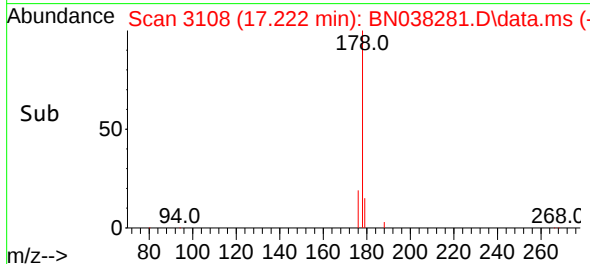
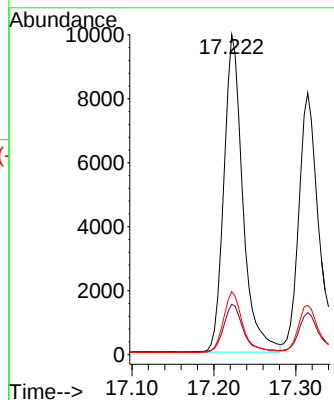
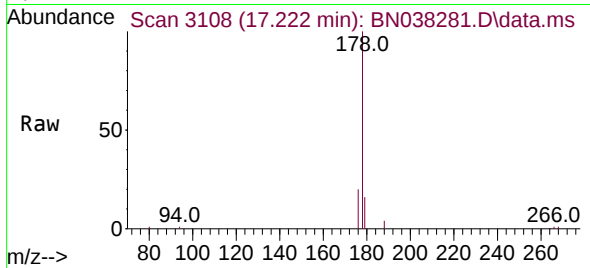




#15
Phenanthrene
Concen: 0.454 ng/ul
RT: 17.222 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

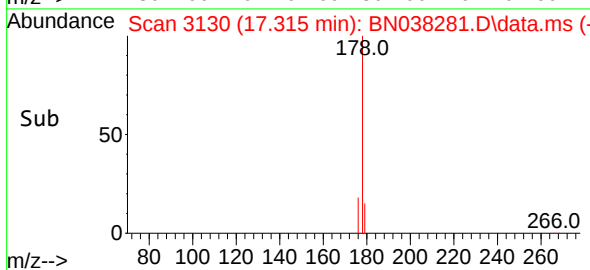
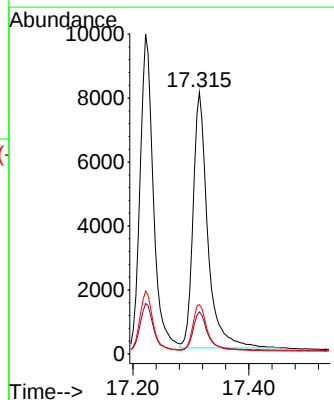
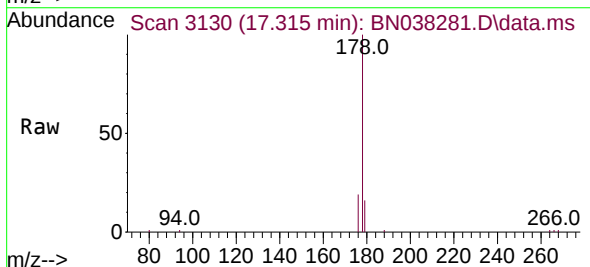
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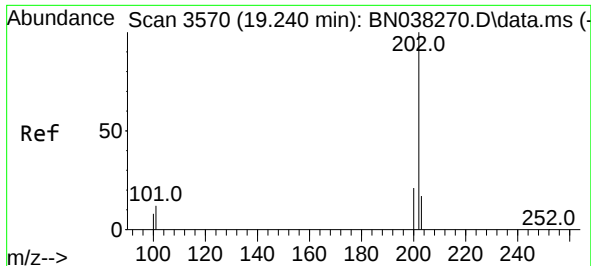
Tgt Ion:178	Resp:	15958
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.4 18.6
176	19.7	15.8 23.6



#16
Anthracene
Concen: 0.469 ng/ul
RT: 17.315 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Tgt Ion:178	Resp:	13996
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.8 19.2
176	18.8	15.4 23.2

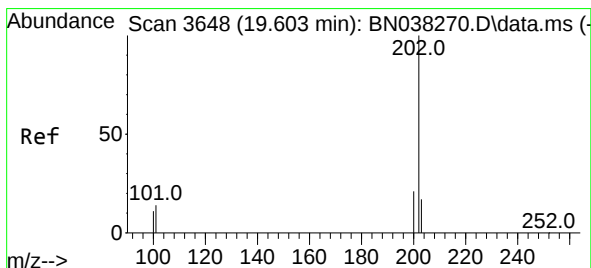
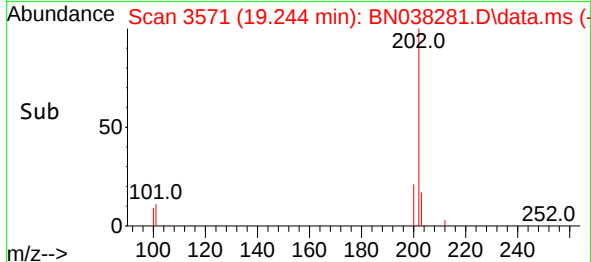
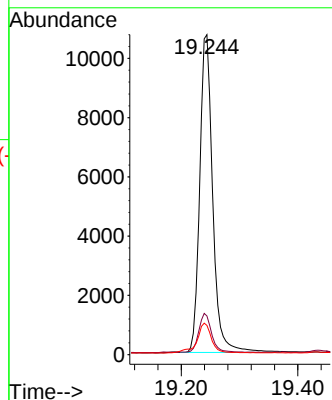
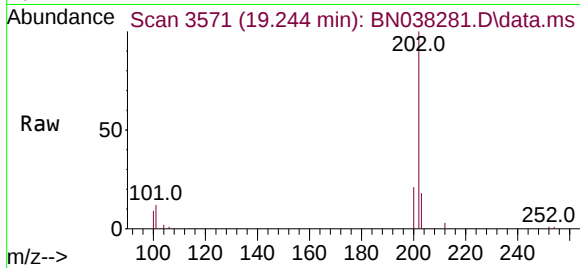




#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.244 min Scan# 3571
Delta R.T. -0.005 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

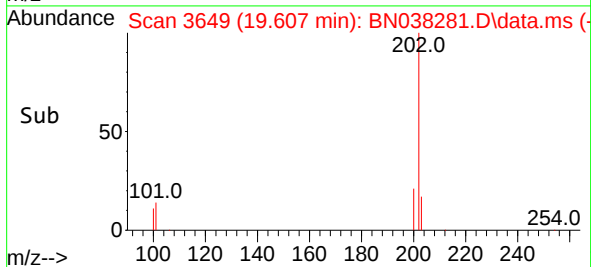
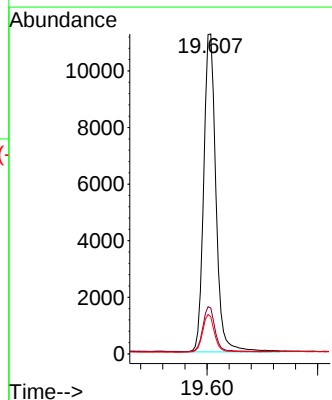
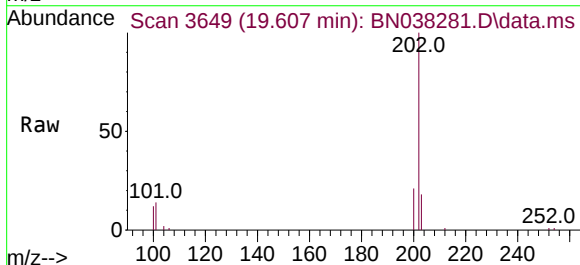
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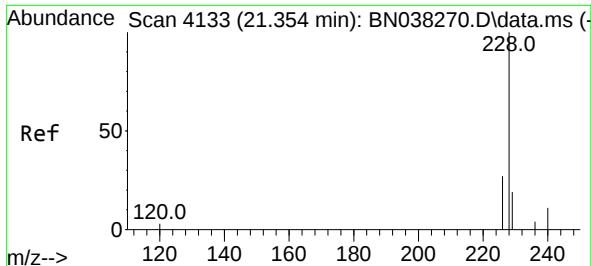
Tgt Ion:202 Resp: 16544
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 9.1 7.2 10.8



#20
Pyrene
Concen: 0.363 ng/ul
RT: 19.607 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Tgt Ion:202 Resp: 17139
Ion Ratio Lower Upper
202 100
101 14.4 10.6 16.0
100 11.6 8.5 12.7

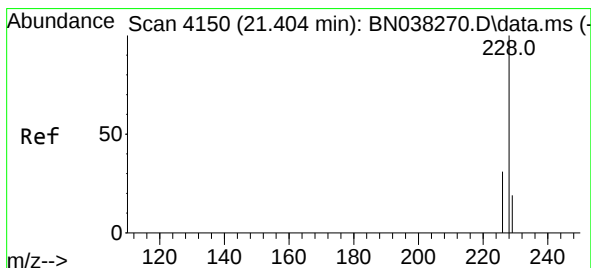
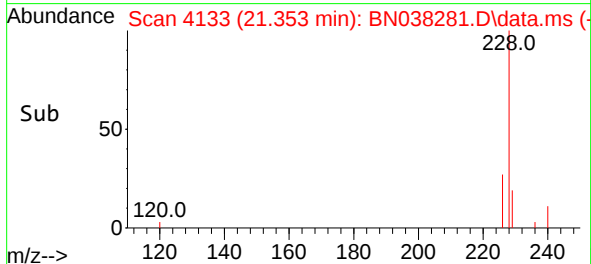
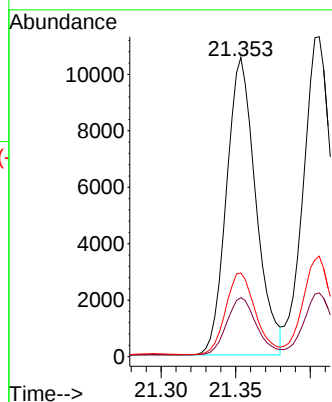
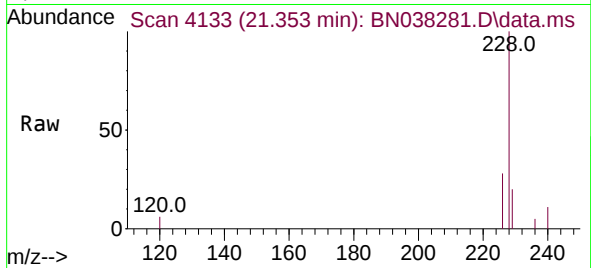




#21
Benzo(a)anthracene
Concen: 0.484 ng/ul
RT: 21.353 min Scan# 4133
Delta R.T. -0.004 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

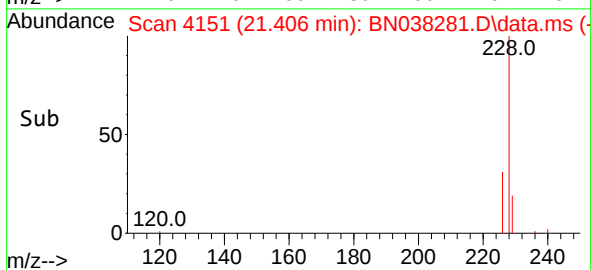
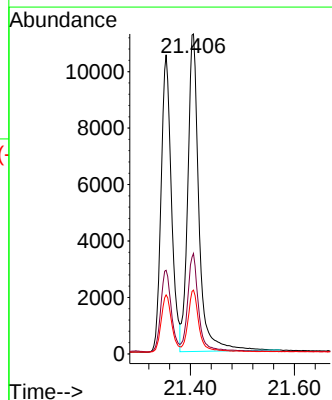
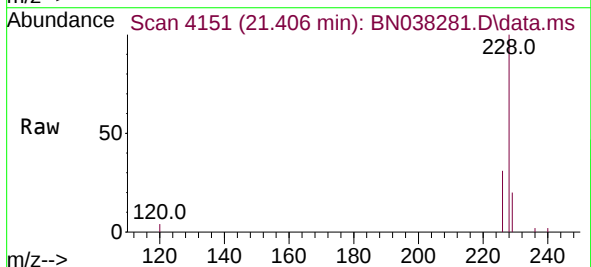
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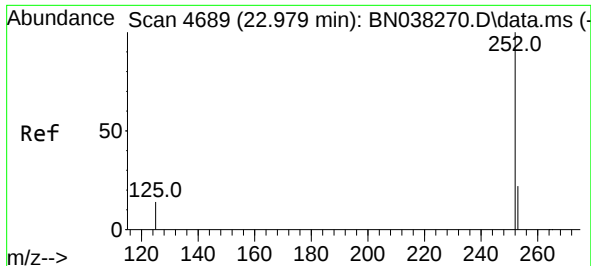
Tgt Ion:228 Resp: 14419
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.9 22.4 33.6



#22
Chrysene
Concen: 0.453 ng/ul
RT: 21.406 min Scan# 4151
Delta R.T. -0.004 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Tgt Ion:228 Resp: 16752
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 19.9 15.4 23.0

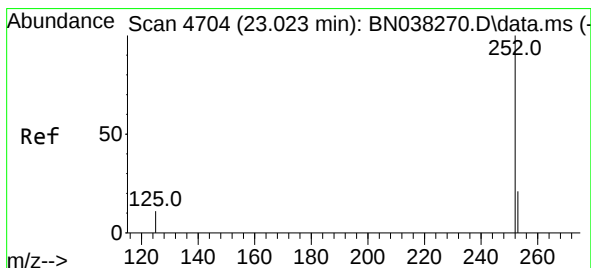
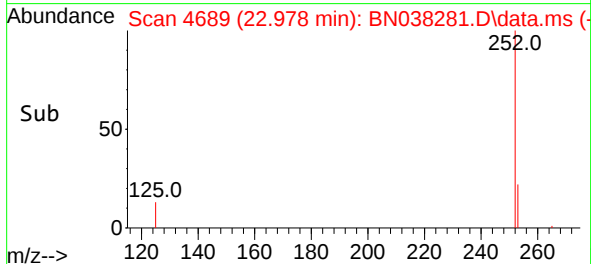
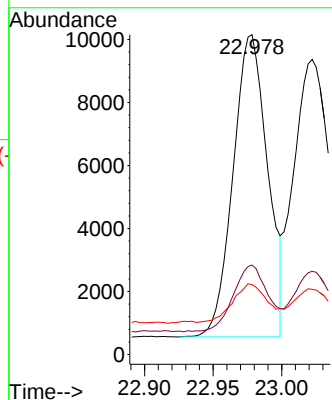
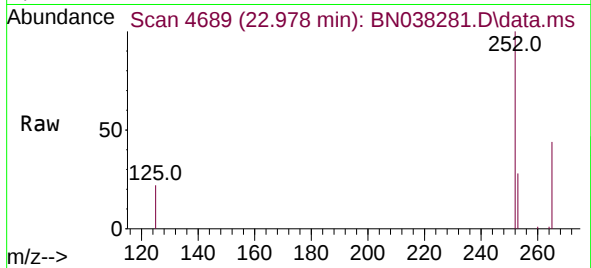




#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul
RT: 22.978 min Scan# 4689
Delta R.T. -0.004 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

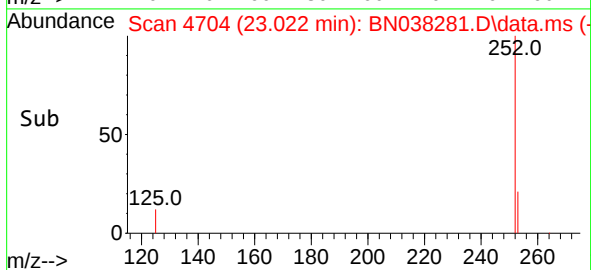
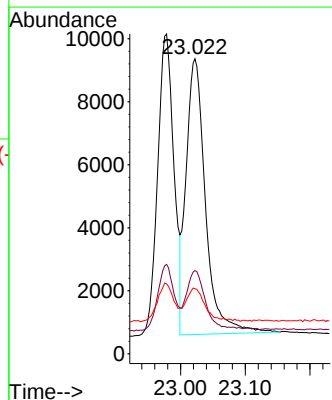
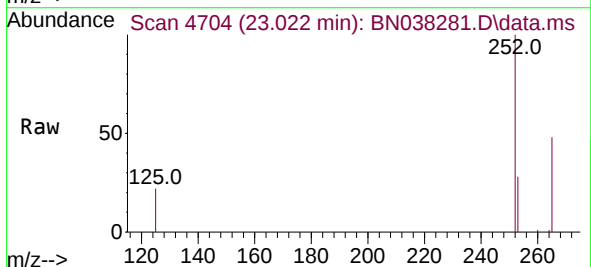
Instrument :
BNA_N
ClientSampleId :
SLCS742

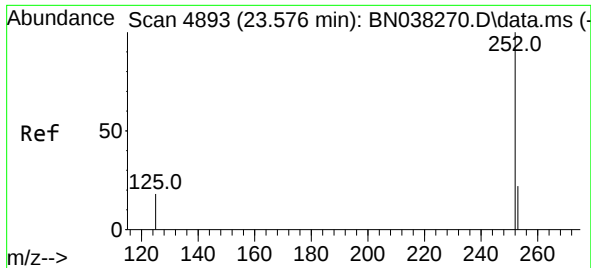
Tgt Ion:252 Resp: 16781
Ion Ratio Lower Upper
252 100
253 28.0 0.0 55.8
125 21.9 0.0 45.6



#25
Benzo(k)fluoranthene
Concen: 0.466 ng/ul
RT: 23.022 min Scan# 4704
Delta R.T. -0.007 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Tgt Ion:252 Resp: 18229
Ion Ratio Lower Upper
252 100
253 28.2 22.9 34.3
125 22.1 17.7 26.5

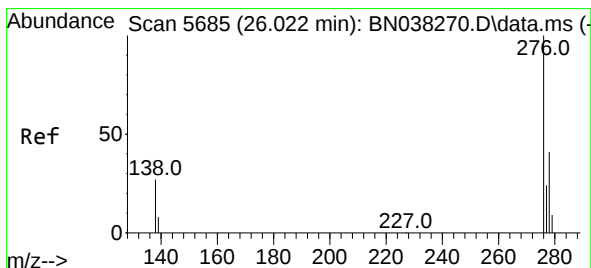
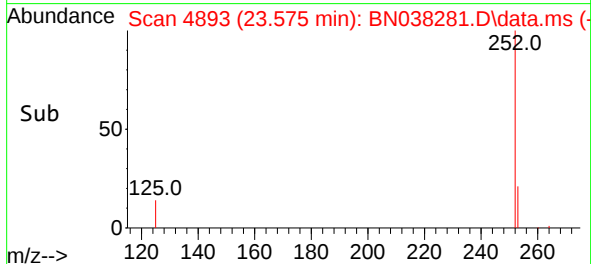
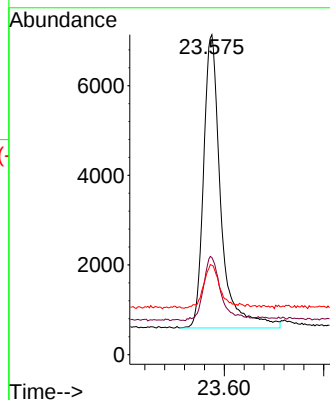
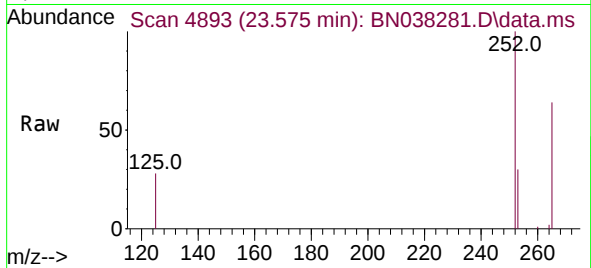




#26
Benzo(a)pyrene
Concen: 0.470 ng/ul
RT: 23.575 min Scan# 4893
Delta R.T. -0.007 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

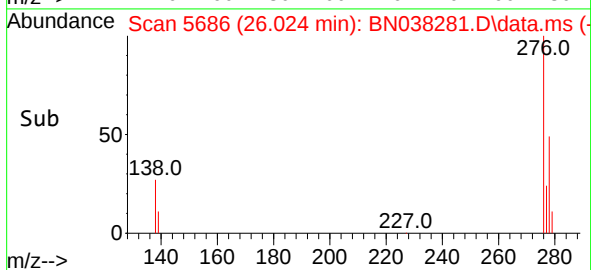
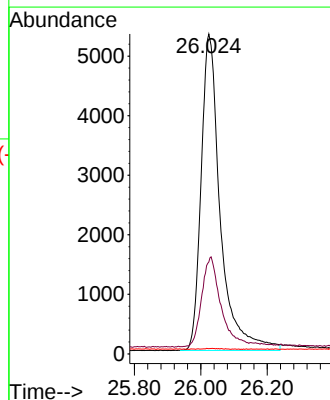
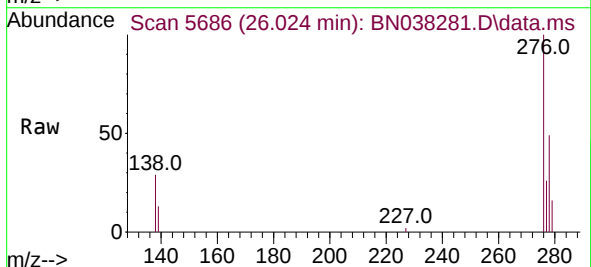
Instrument :
BNA_N
ClientSampleId :
SLCS742

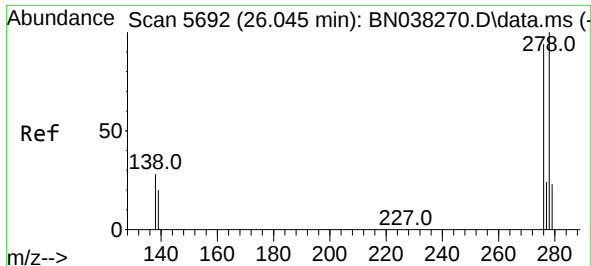
Tgt Ion:	252	Resp:	15754
Ion Ratio	Lower	Upper	
252	100		
253	30.3	25.9	38.9
125	27.9	24.6	37.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.533 ng/ul
RT: 26.024 min Scan# 5686
Delta R.T. -0.014 min
Lab File: BN038281.D
Acq: 05 Dec 2025 18:44

Tgt Ion:	276	Resp:	21290
Ion Ratio	Lower	Upper	
276	100		
138	29.2	22.9	34.3
227	0.2	0.0	0.0

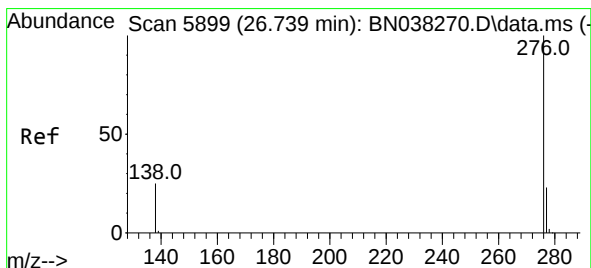
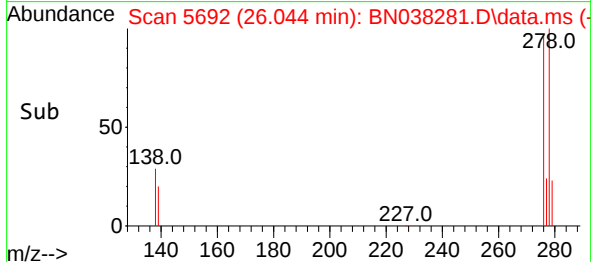
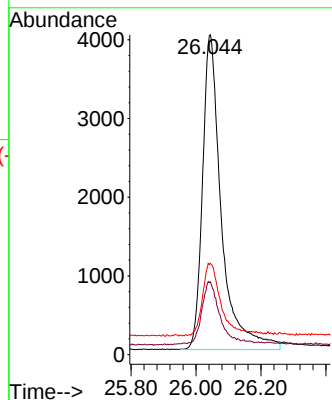
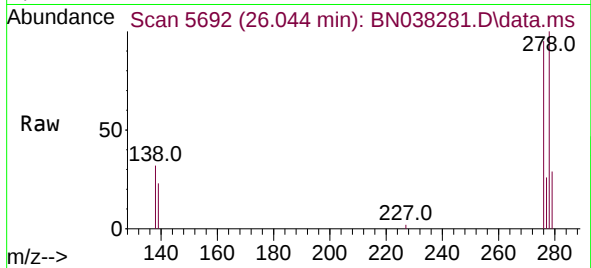




#28
 Dibenzo(a,h)anthracene
 Concen: 0.577 ng/ul
 RT: 26.044 min Scan# 5692
 Delta R.T. -0.011 min
 Lab File: BN038281.D
 Acq: 05 Dec 2025 18:44

Instrument :
 BNA_N
 ClientSampleId :
 SLCS742

Tgt Ion:	278	Resp:	16157
Ion Ratio	Lower	Upper	
278	100		
139	22.8	18.1	27.1
279	28.5	25.0	37.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.493 ng/ul
 RT: 26.735 min Scan# 5898
 Delta R.T. -0.018 min
 Lab File: BN038281.D
 Acq: 05 Dec 2025 18:44

Tgt Ion:	276	Resp:	18507
Ion Ratio	Lower	Upper	
276	100		
138	27.7	21.6	32.4
277	25.4	19.8	29.6

