Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038411.D
Acq On : 15 Dec 2025 18:57
Operator : RC/JU
Sample : Q3839-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS3

Quant Time: Dec 15 23:57:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5444	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	15181	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8352	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	14297	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	12909	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	13015	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	3512	0.259	ng	0.00
5) Phenol-d6	6.879	99	4026	0.250	ng	0.00
8) Nitrobenzene-d5	8.865	82	3417	0.267	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5047	0.236	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	823	0.222	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	10559	0.262	ng	0.00
27) Fluoranthene-d10	19.178	212	7791	0.220	ng	0.00
31) Terphenyl-d14	19.777	244	6571	0.228	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	197	0.032	ng	# 20
3) n-Nitrosodimethylamine	3.499	42	173	0.022	ng	# 14
6) bis(2-Chloroethyl)ether	7.154	93	3586	0.227	ng	# 25
9) Naphthalene	10.562	128	62898	1.402	ng	99
12) 2-Methylnaphthalene	12.192	142	56489	1.983	ng	98
16) Acenaphthylene	14.099	152	3446	0.084	ng	# 66
17) Acenaphthene	14.452	154	992	0.035	ng	# 30
18) Fluorene	15.435	166	2064	0.056	ng	# 91
23) Atrazine	16.602	200	145	0.020	ng	# 65
25) Phenanthrene	17.173	178	101046	2.031	ng	99
26) Anthracene	17.173	178	100935	2.353	ng	99
28) Fluoranthene	19.206	202	53642	1.014	ng	96
30) Pyrene	19.568	202	58789	0.925	ng	97
32) Benzo(a)anthracene	21.322	228	38552	0.773	ng	95
33) Chrysene	21.366	228	60679	1.105	ng	97
34) Bis(2-ethylhexyl)phtha...	21.259	149	2164	0.079	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.940	276	13950	0.202	ng	95
37) Benzo(b)fluoranthene	22.935	252	27712	0.464	ng	96
38) Benzo(k)fluoranthene	22.935	252	27712	0.465	ng	96
39) Benzo(a)pyrene	23.522	252	17321	0.354	ng	95
40) Dibenzo(a,h)anthracene	25.949	278	3743	0.070	ng	# 65
41) Benzo(g,h,i)perylene	26.648	276	15429	0.259	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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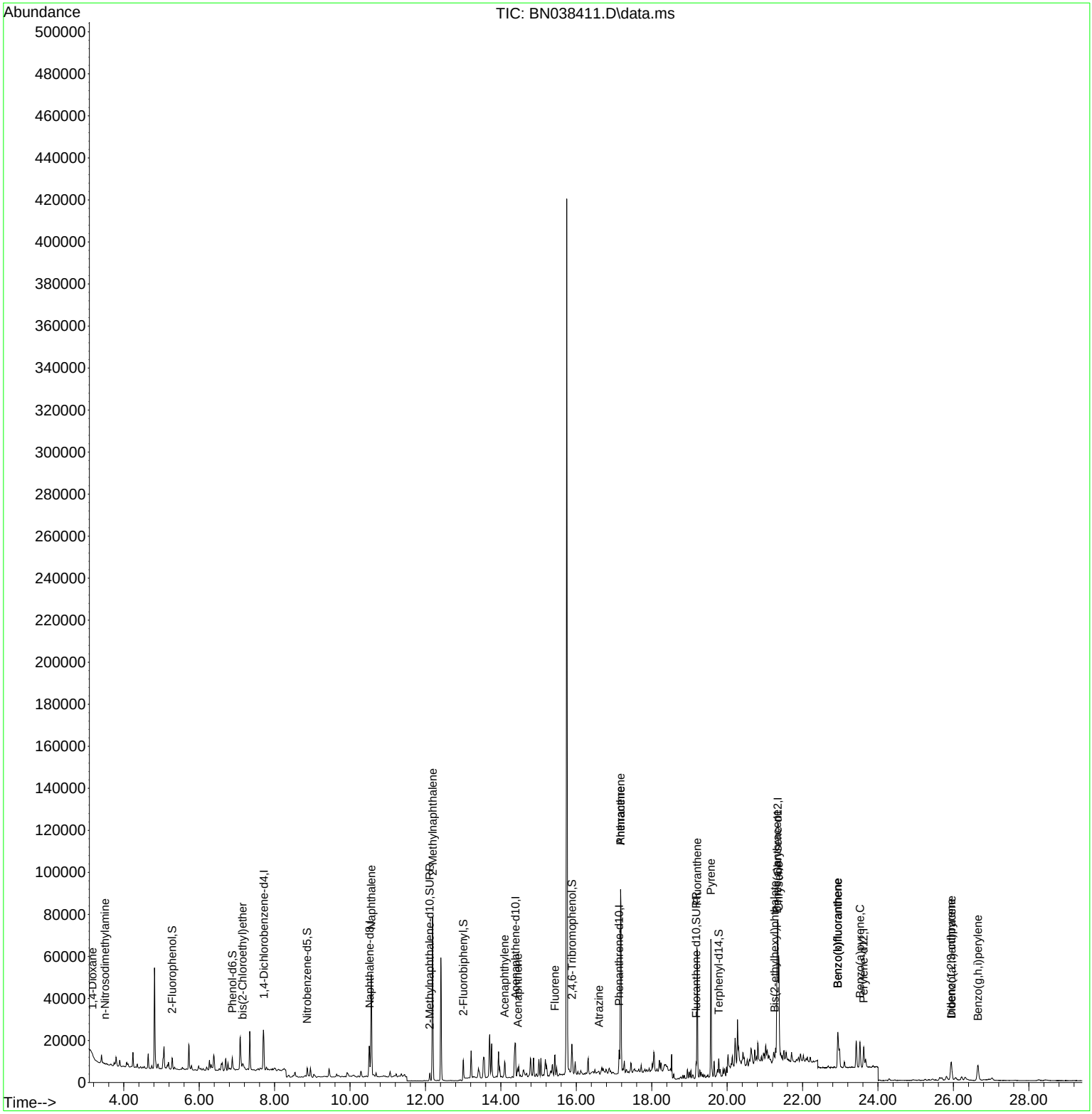
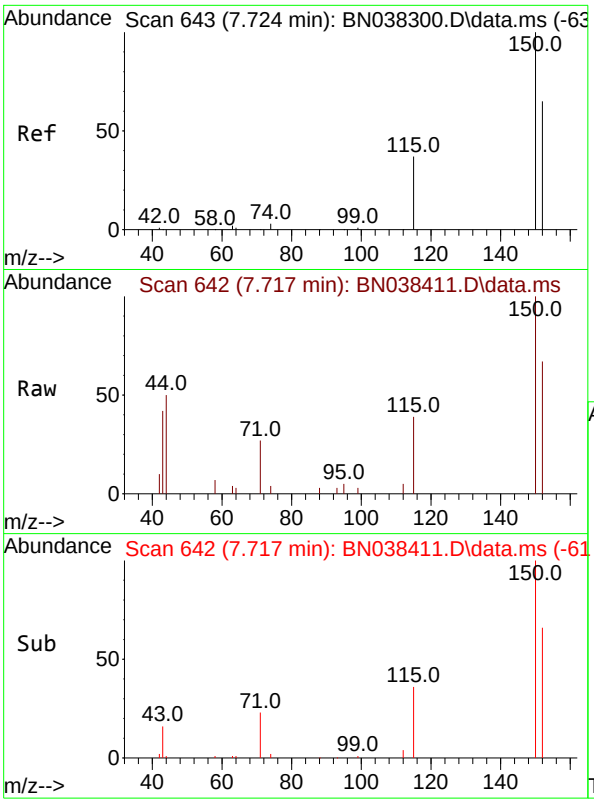
Quant Time: Dec 15 23:57:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



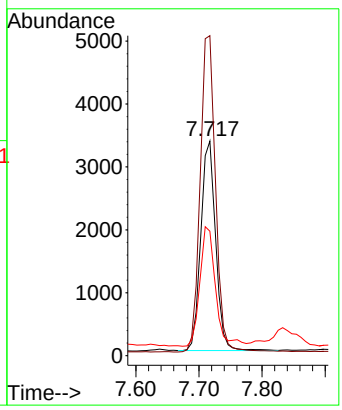


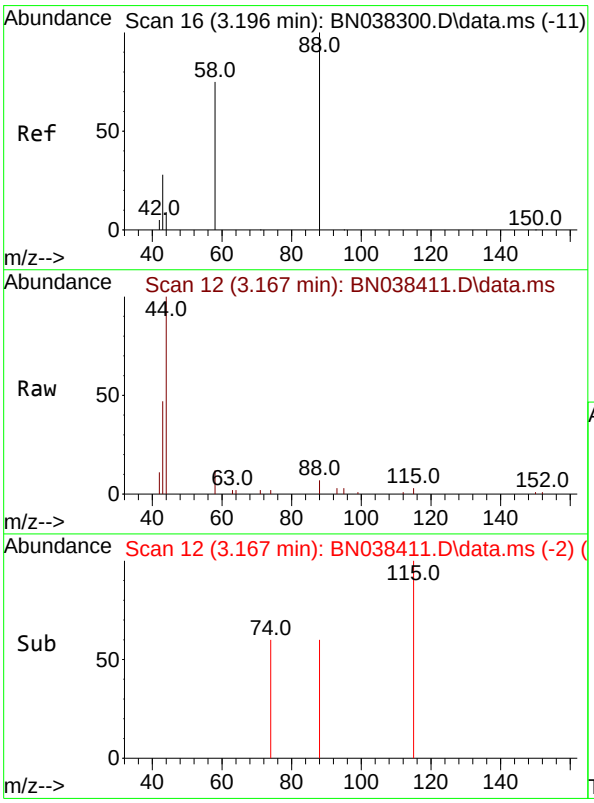
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:152 Resp: 5444

Ion	Ratio	Lower	Upper
152	100		
150	149.1	122.4	183.6
115	58.0	47.3	70.9

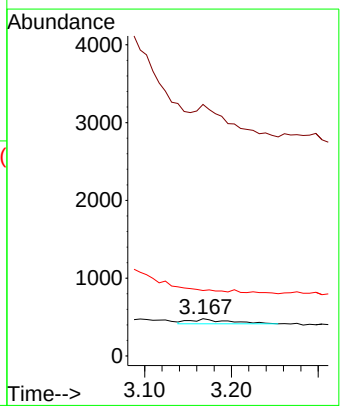


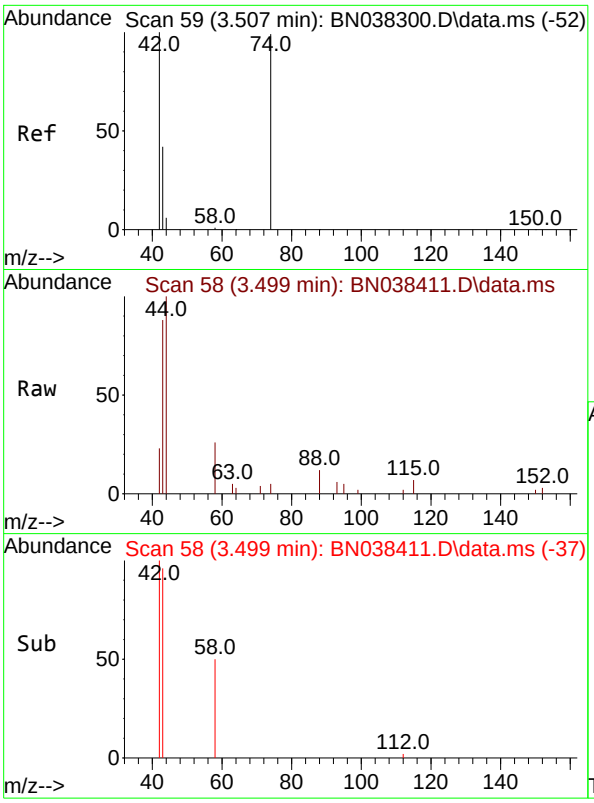


#2
1,4-Dioxane
Concen: 0.032 ng
RT: 3.167 min Scan# 12
Delta R.T. -0.029 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion: 88 Resp: 197

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.9	37.3#
58	0.0	61.4	92.0#



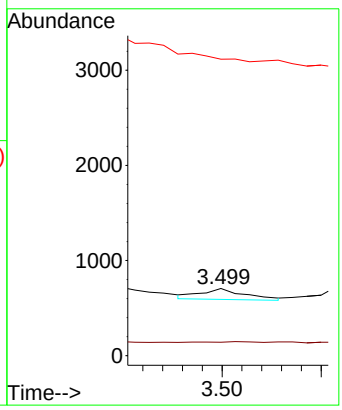


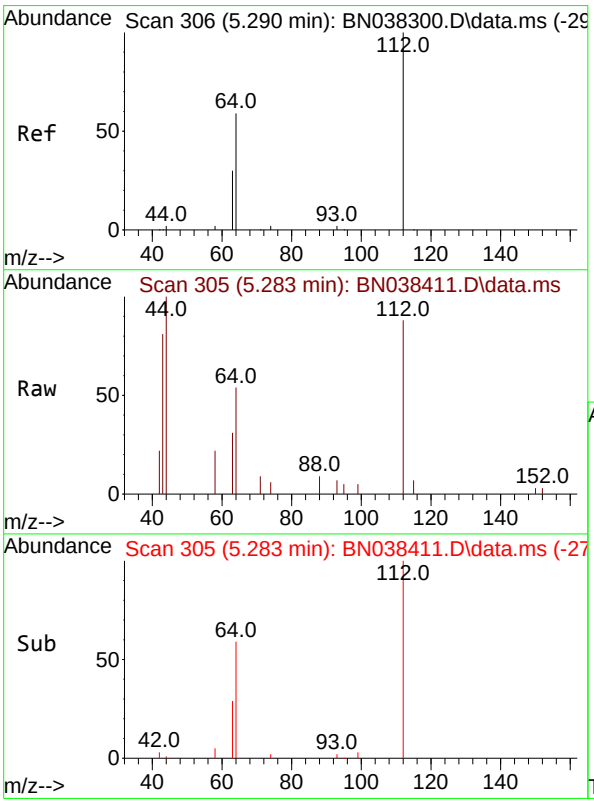
#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.499 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion: 42 Resp: 173

Ion	Ratio	Lower	Upper
42	100		
74	19.1	95.3	142.9#
44	0.0	7.9	11.9#

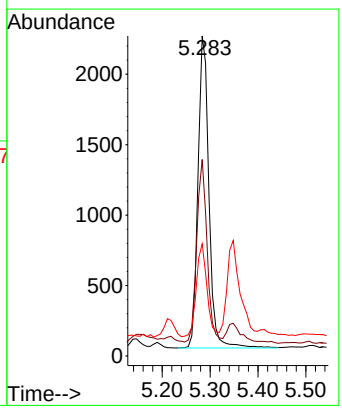


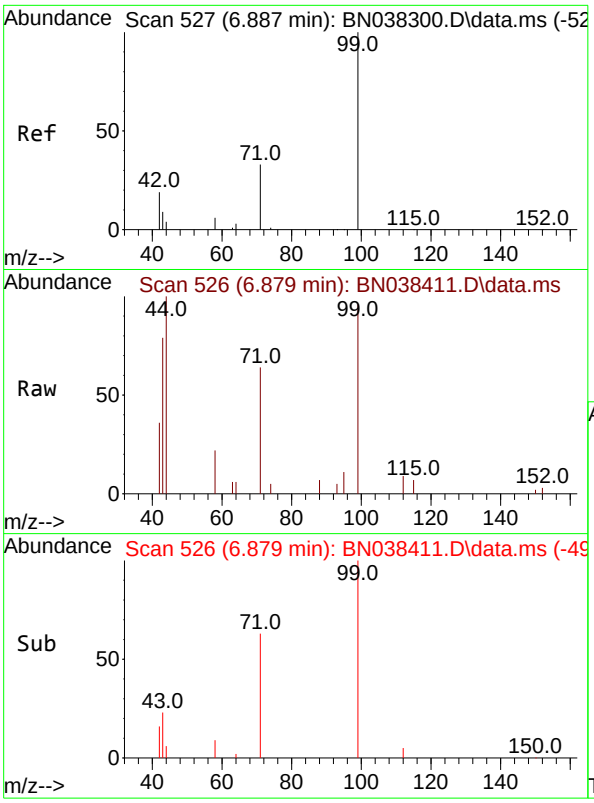


#4
2-Fluorophenol
Concen: 0.259 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:112 Resp: 3512

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.4	66.6
63	28.9	23.4	35.0



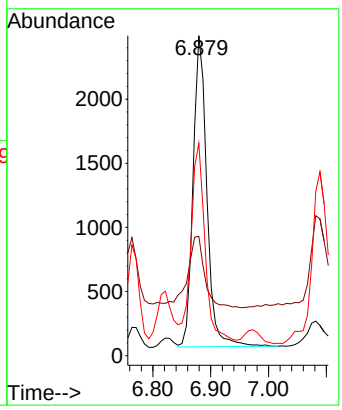


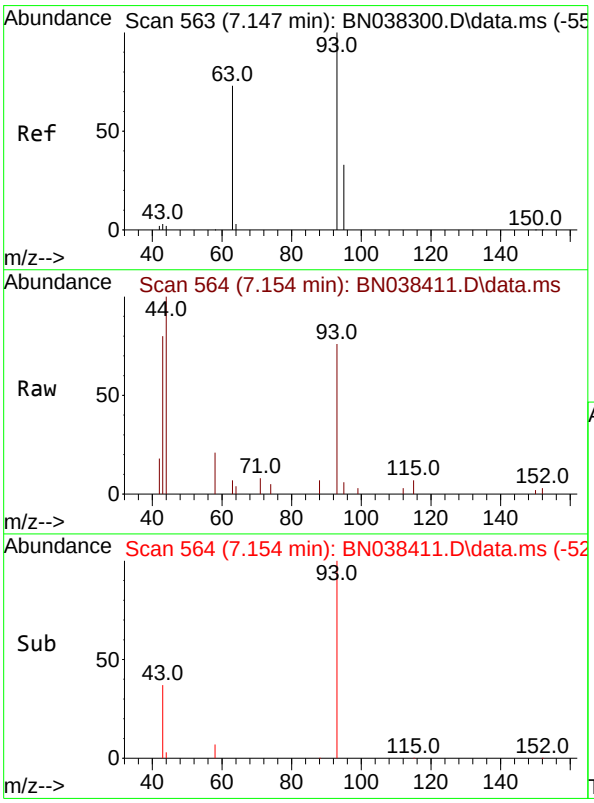
#5
Phenol-d6
Concen: 0.250 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion: 99 Resp: 4026

Ion	Ratio	Lower	Upper
99	100		
42	28.6	16.5	24.7#
71	65.7	24.9	37.3#

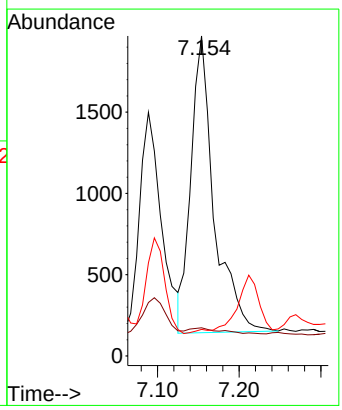


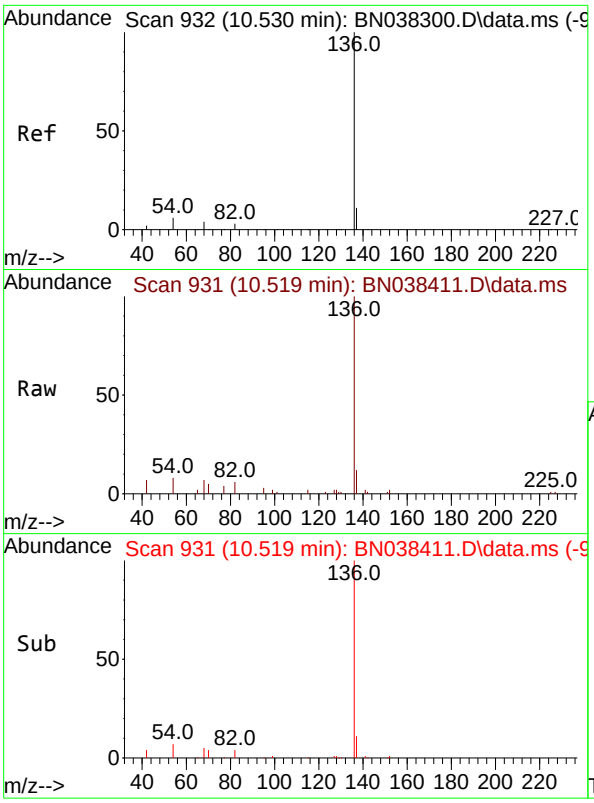


#6
bis(2-Chloroethyl)ether
Concen: 0.227 ng
RT: 7.154 min Scan# 564
Delta R.T. 0.007 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion: 93 Resp: 3586

Ion	Ratio	Lower	Upper
93	100		
63	3.6	59.2	88.8#
95	0.0	25.2	37.8#



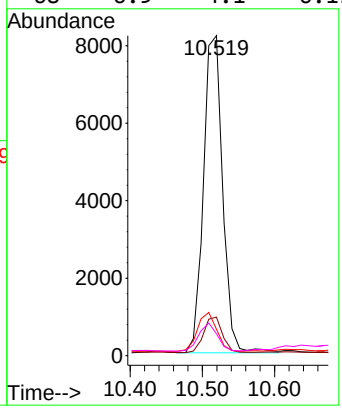


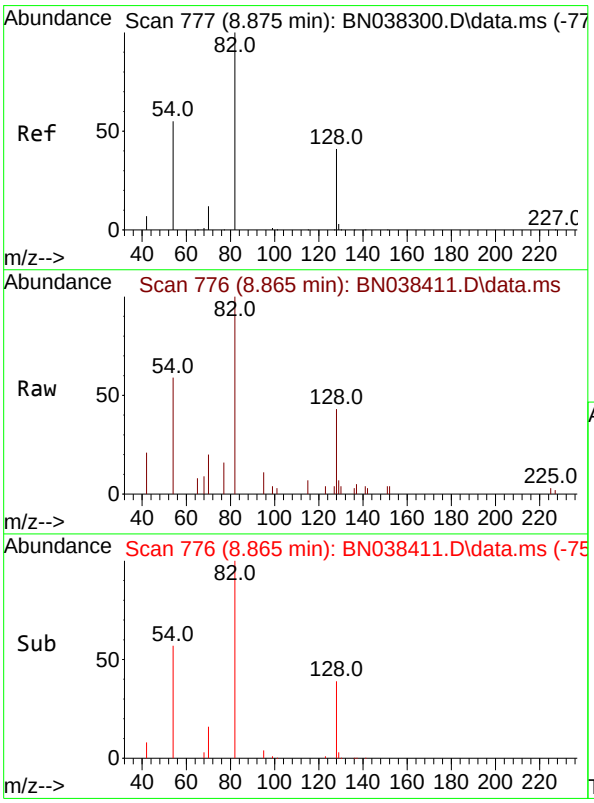
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:136 Resp: 15181

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	8.3	5.2	7.8#
68	6.9	4.1	6.1#

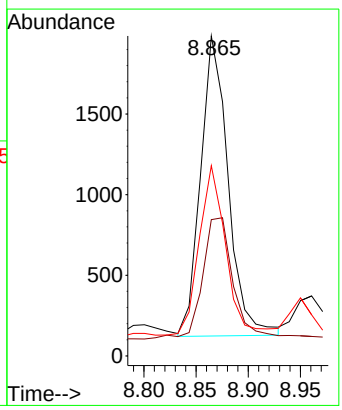


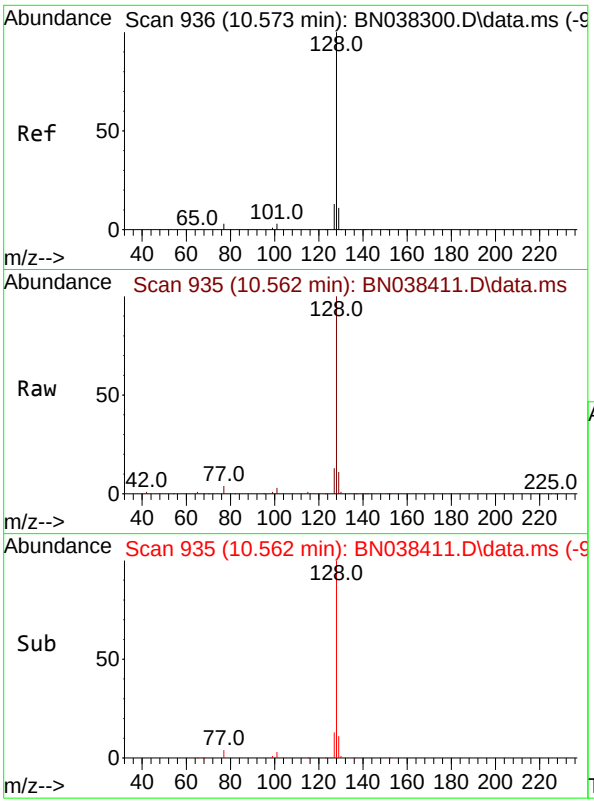


#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion: 82 Resp: 3417

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	59.4	44.4	66.6



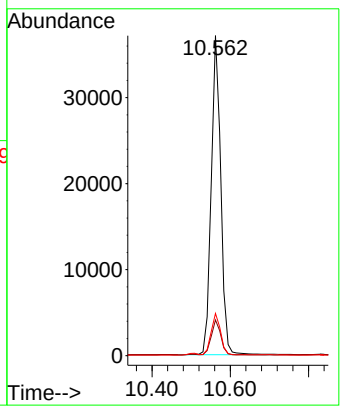


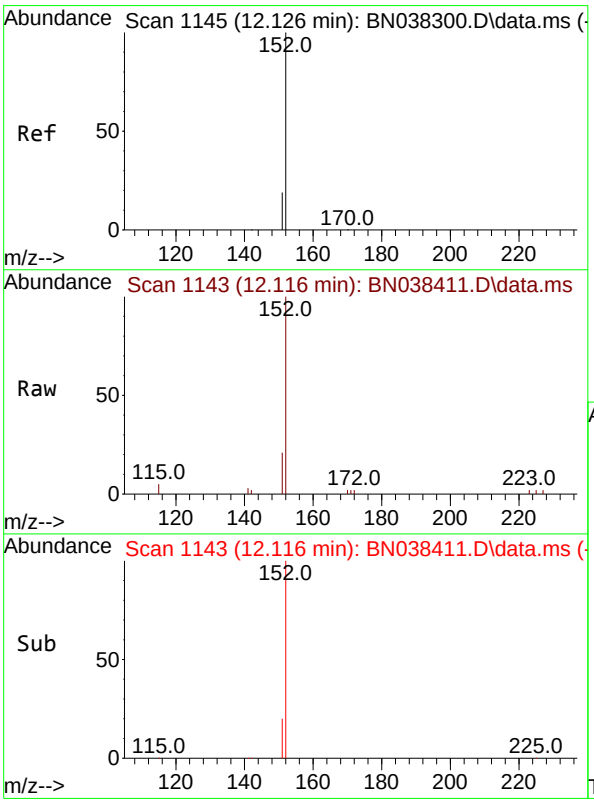
#9
Naphthalene
Concen: 1.402 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:128 Resp: 62898

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	10.9	16.3

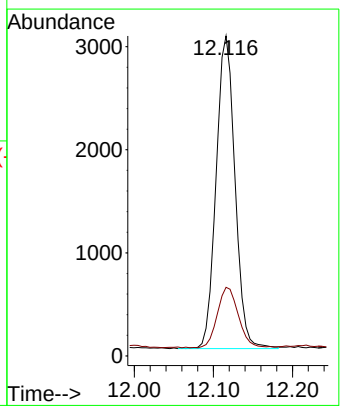


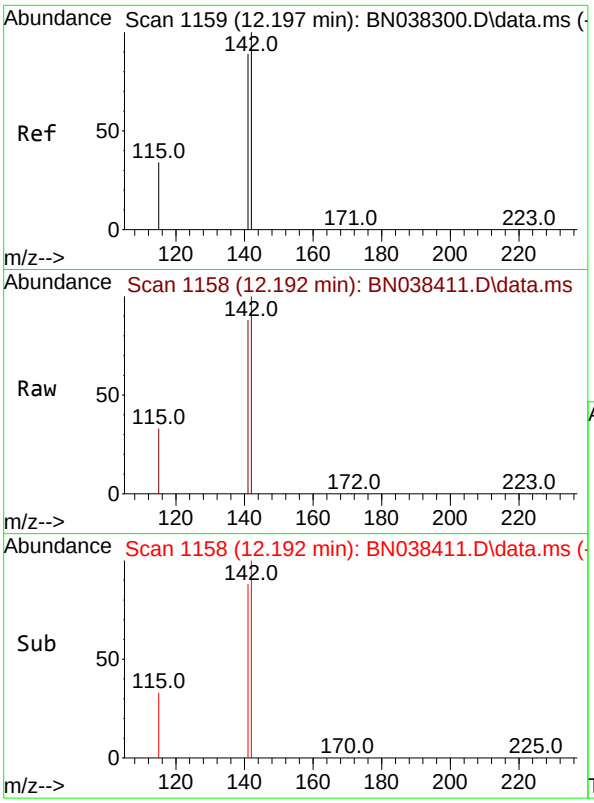


#11
2-Methylnaphthalene-d10
Concen: 0.236 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:152 Resp: 5047

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6



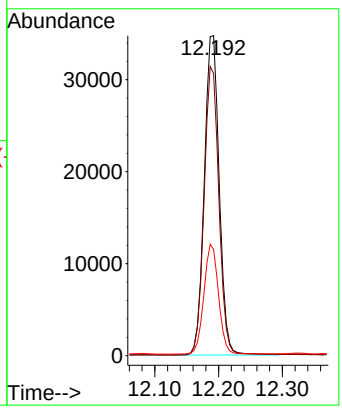


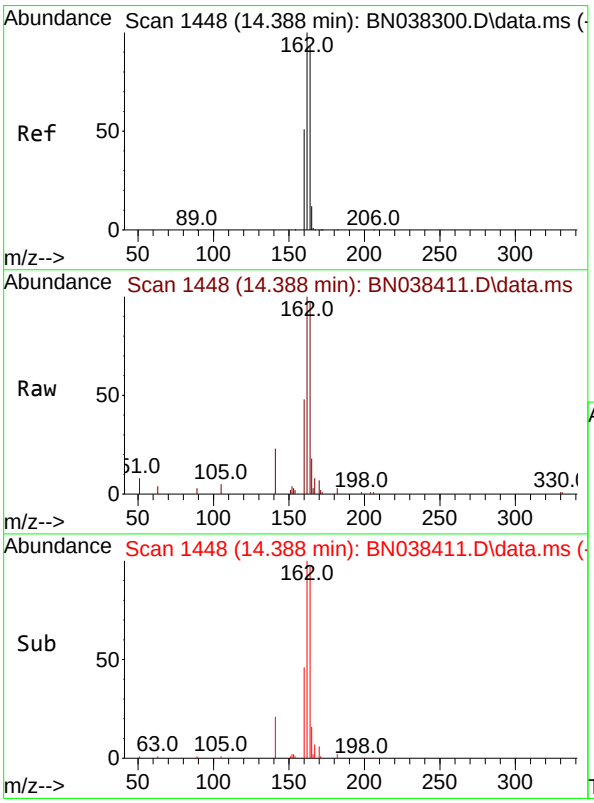
#12
2-Methylnaphthalene
Concen: 1.983 ng
RT: 12.192 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:142 Resp: 56489

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	33.2	28.4	42.6

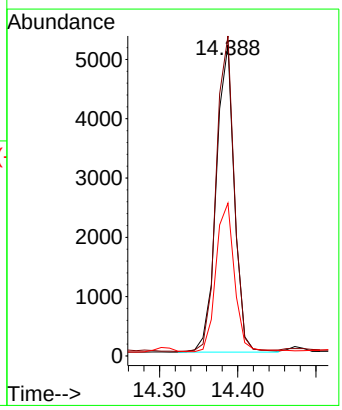


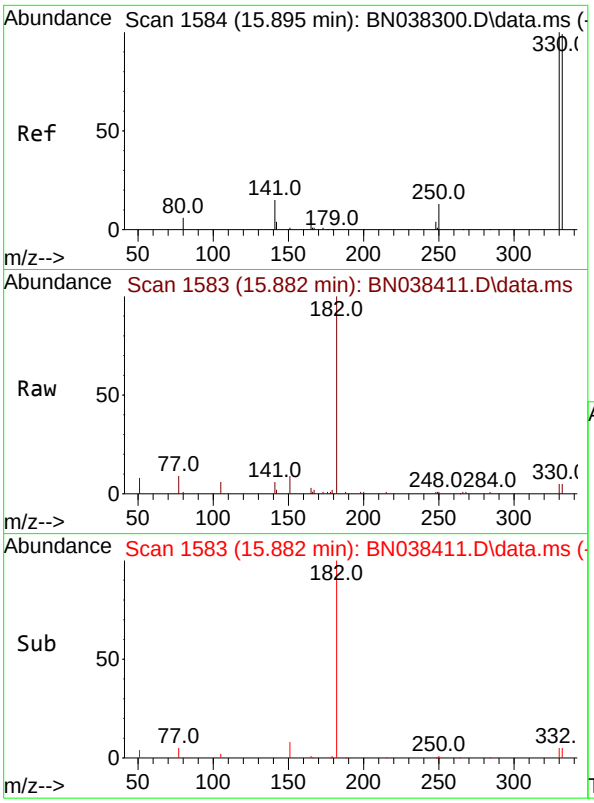


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:164 Resp: 8352

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.2	129.4
160	49.1	44.6	67.0



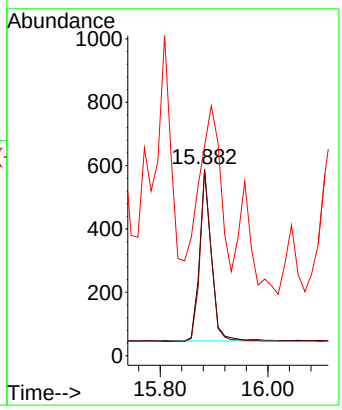


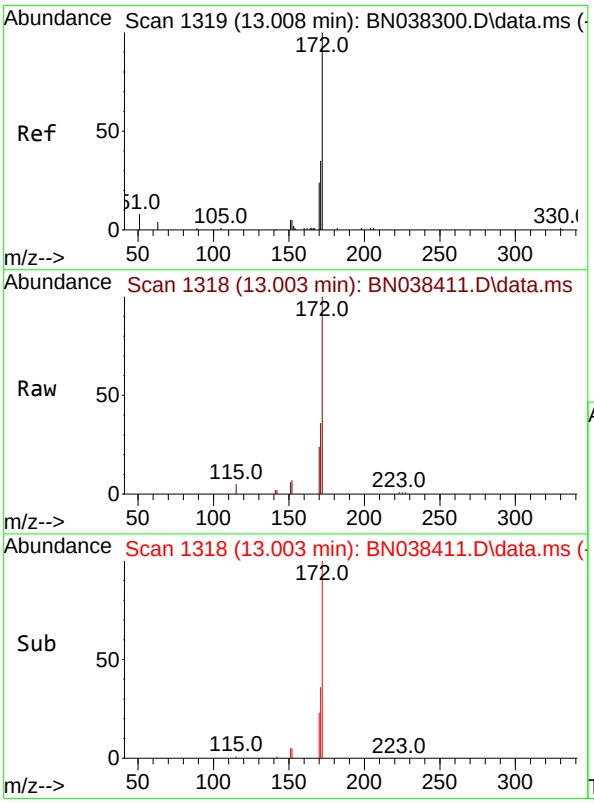
#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.882 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:330 Resp: 823

Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.8	113.6
141	176.9	31.8	47.8#

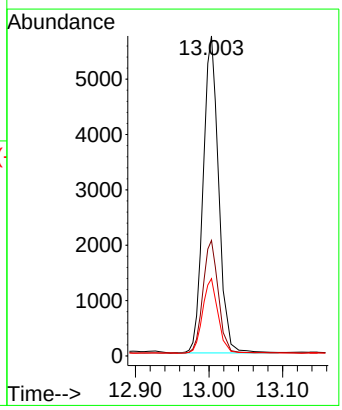


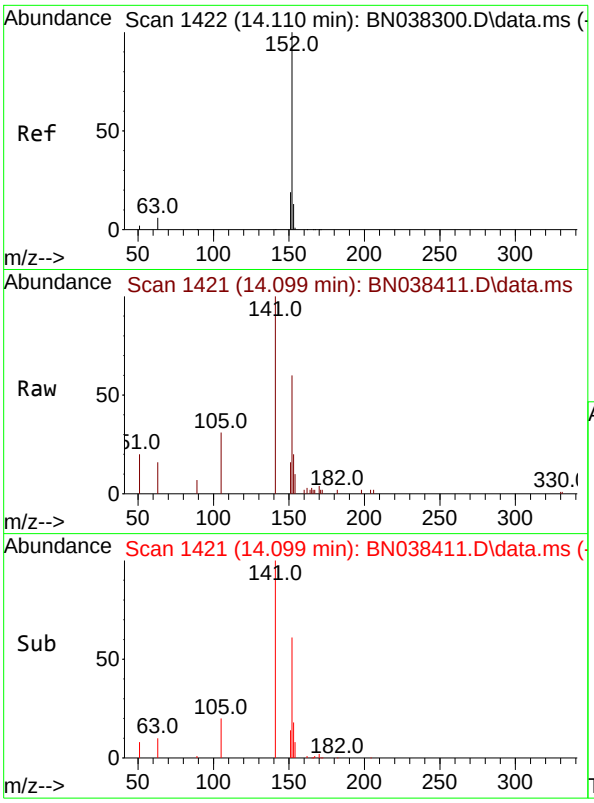


#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:172 Resp: 10559

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.1	19.3	28.9



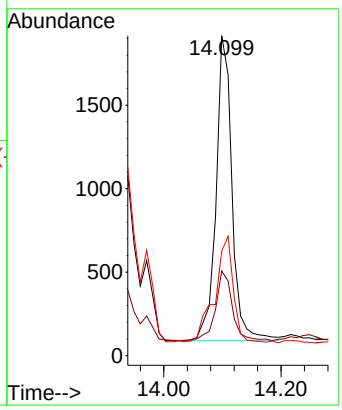


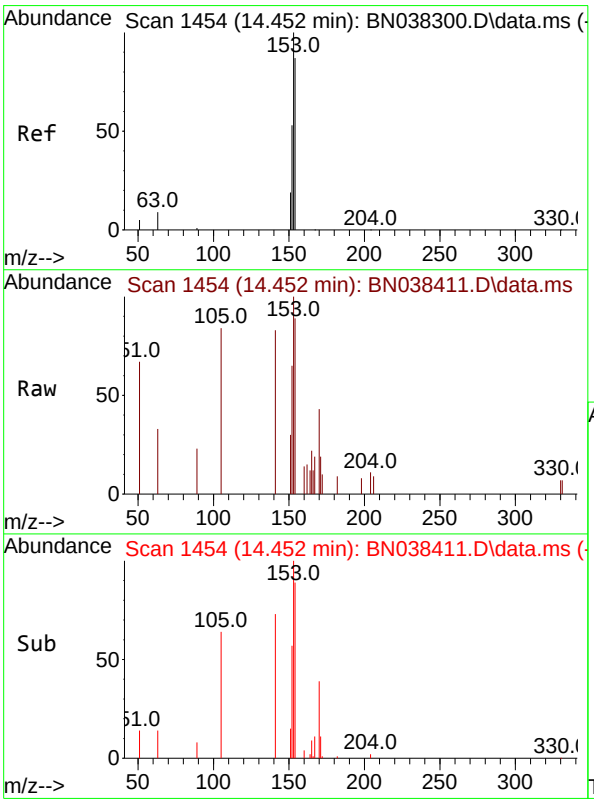
#16
Acenaphthylene
Concen: 0.084 ng
RT: 14.099 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:152 Resp: 3446

Ion	Ratio	Lower	Upper
152	100		
151	23.6	15.4	23.2#
153	40.9	10.2	15.4#

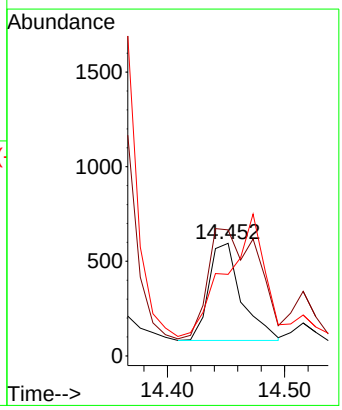


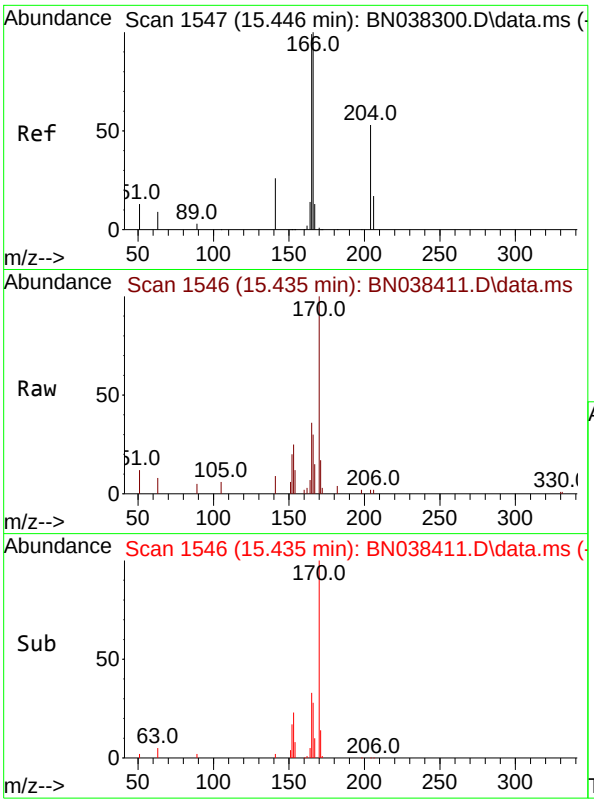


#17
Acenaphthene
Concen: 0.035 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.011 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:154 Resp: 992

Ion	Ratio	Lower	Upper
154	100		
153	182.5	89.8	134.8#
152	0.0	47.5	71.3#



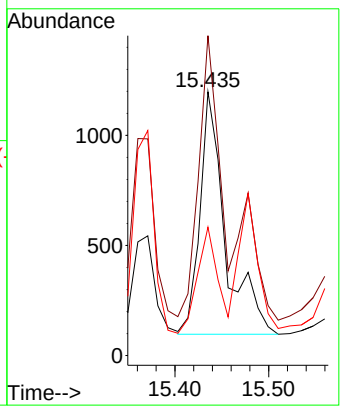


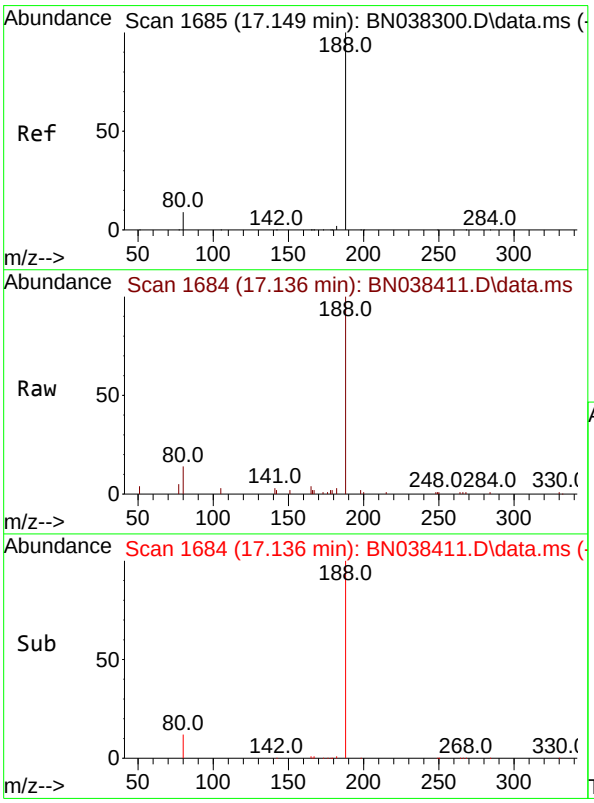
#18
Fluorene
Concen: 0.056 ng
RT: 15.435 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:166 Resp: 2064

Ion	Ratio	Lower	Upper
166	100		
165	103.6	80.2	120.4
167	35.5	10.6	16.0#

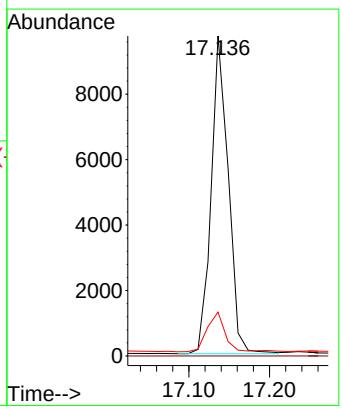


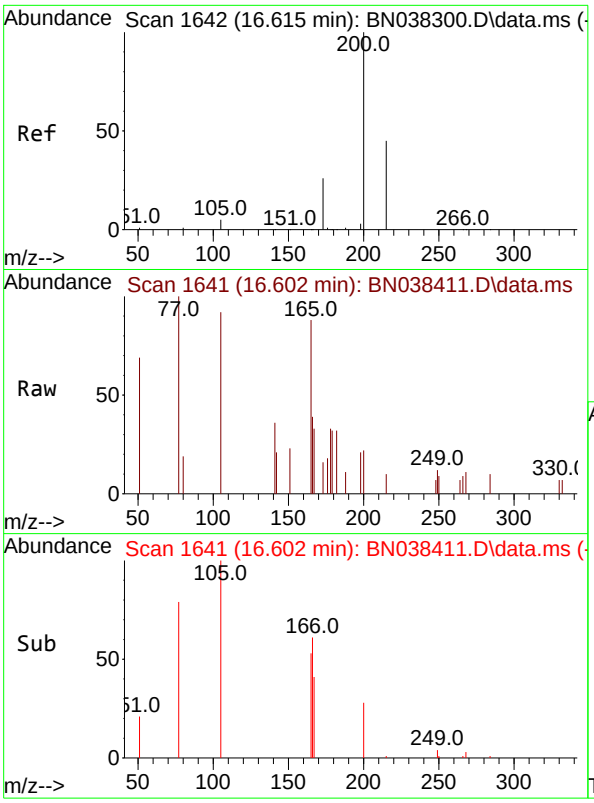


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:188 Resp: 14297

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	7.4	11.0#



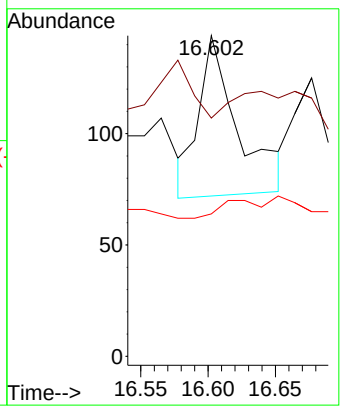


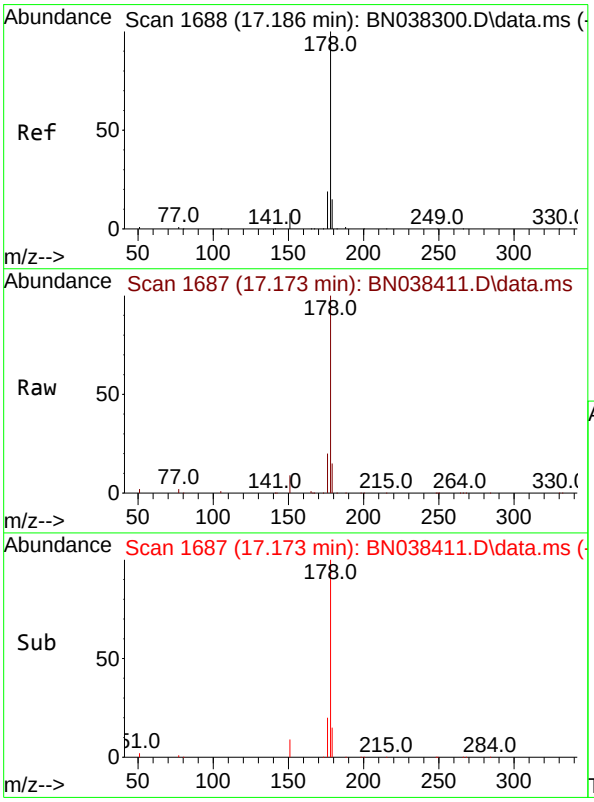
#23
Atrazine
Concen: 0.020 ng
RT: 16.602 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:200 Resp: 145

Ion	Ratio	Lower	Upper
200	100		
173	74.3	22.1	33.1#
215	44.4	37.4	56.2

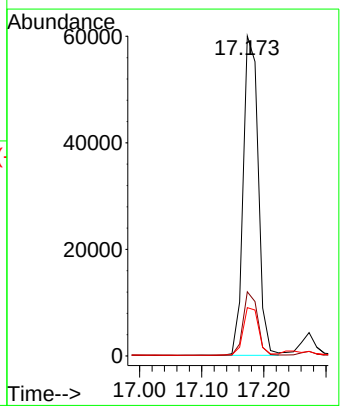


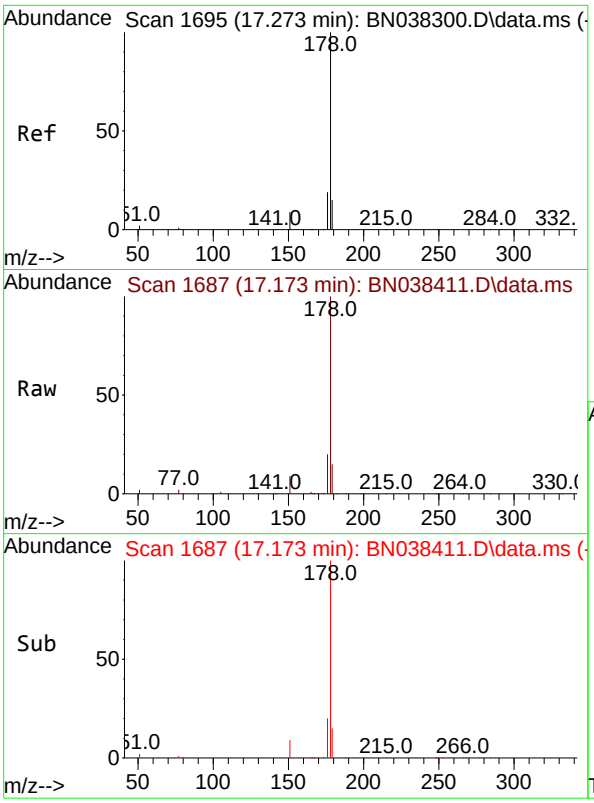


#25
Phenanthrene
Concen: 2.031 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:178 Resp: 101046

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.5	12.2	18.2



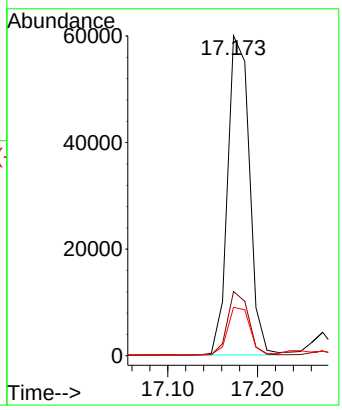


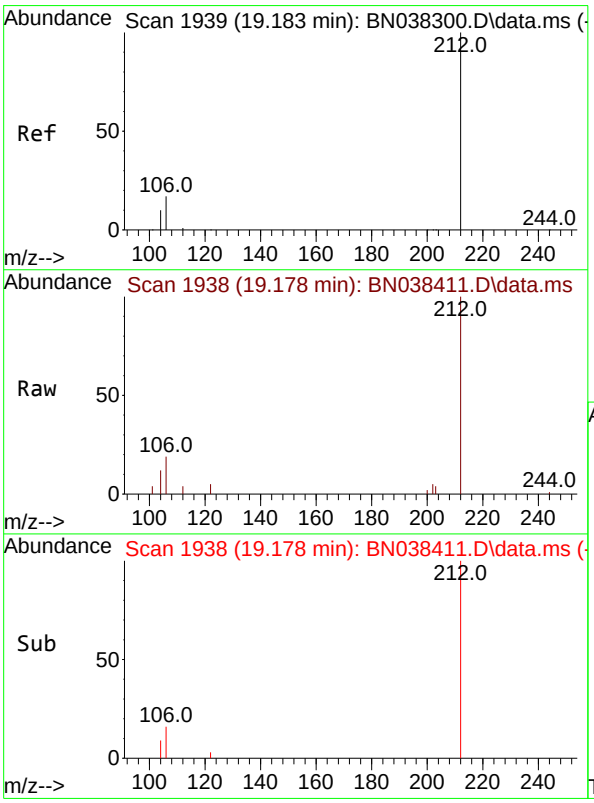
#26
Anthracene
Concen: 2.353 ng
RT: 17.173 min Scan# 1
Delta R.T. -0.112 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:178 Resp: 100935

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.4	12.0	18.0

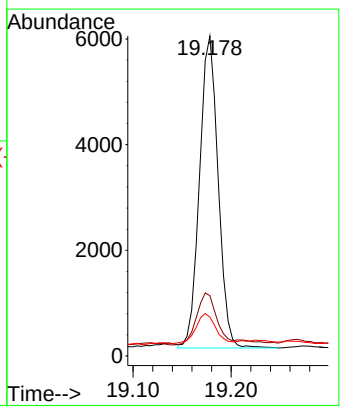


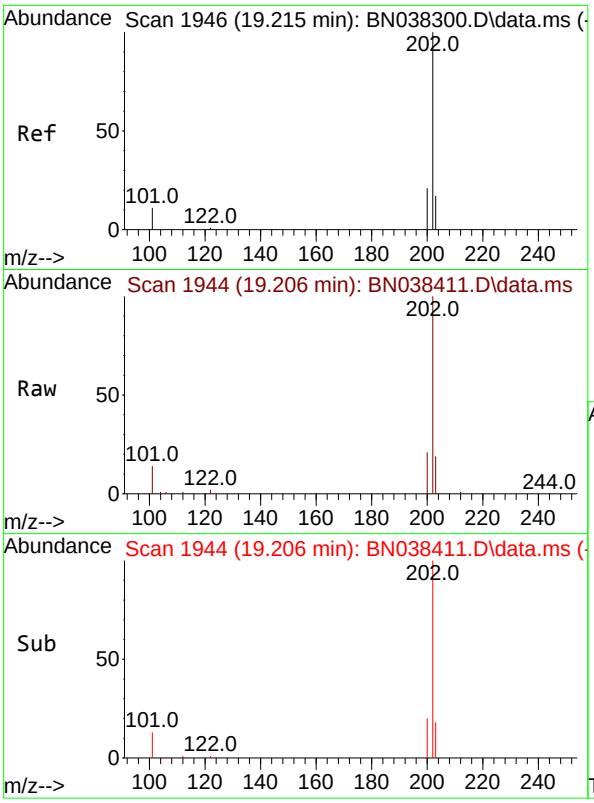


#27
Fluoranthene-d10
Concen: 0.220 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:212 Resp: 7791

Ion	Ratio	Lower	Upper
212	100		
106	19.8	13.7	20.5
104	10.6	7.8	11.8



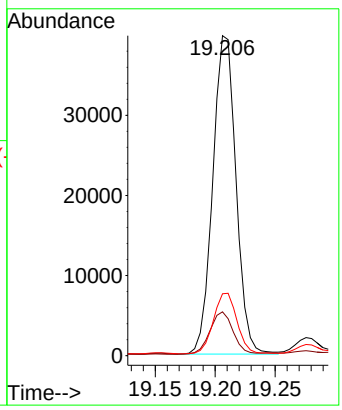


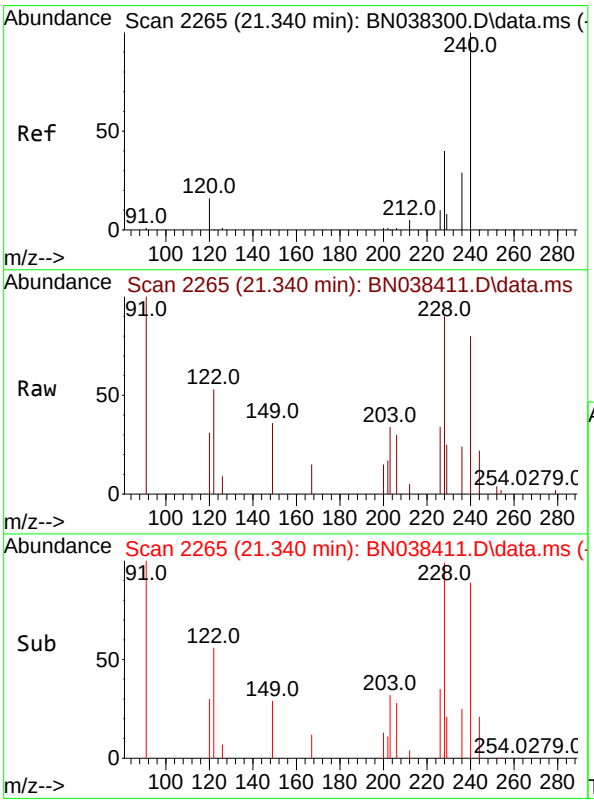
#28
Fluoranthene
Concen: 1.014 ng
RT: 19.206 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:202 Resp: 53642

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.6	14.4
203	19.2	13.5	20.3

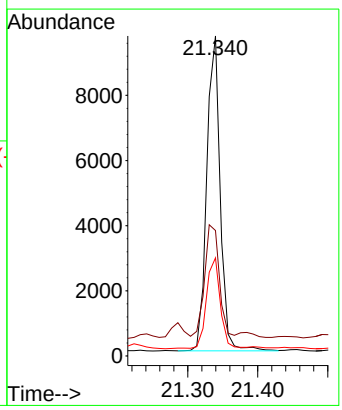


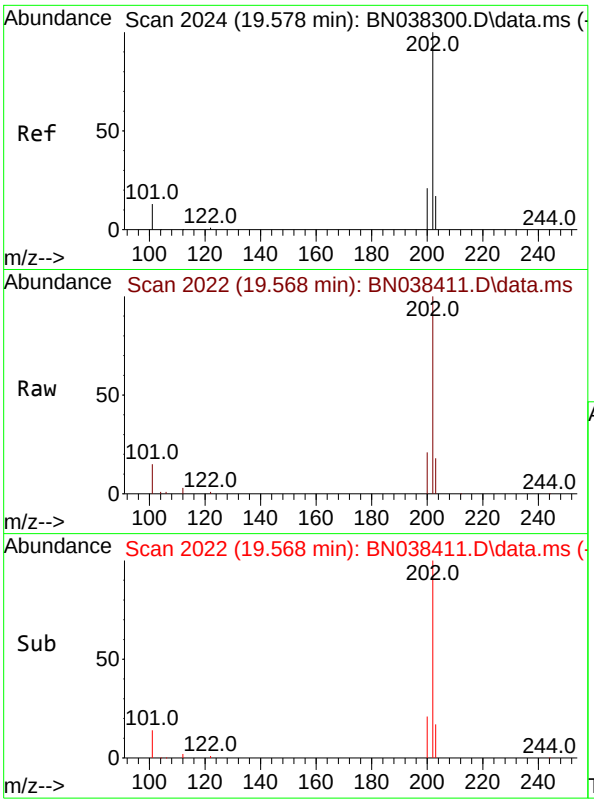


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:240 Resp: 12909

Ion	Ratio	Lower	Upper
240	100		
120	39.2	15.4	23.2#
236	30.7	23.9	35.9



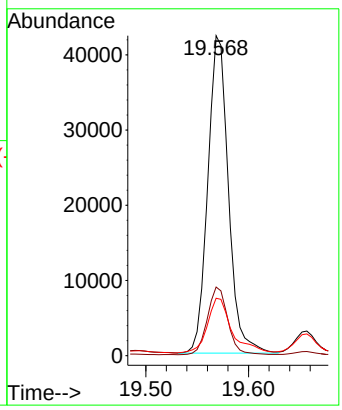


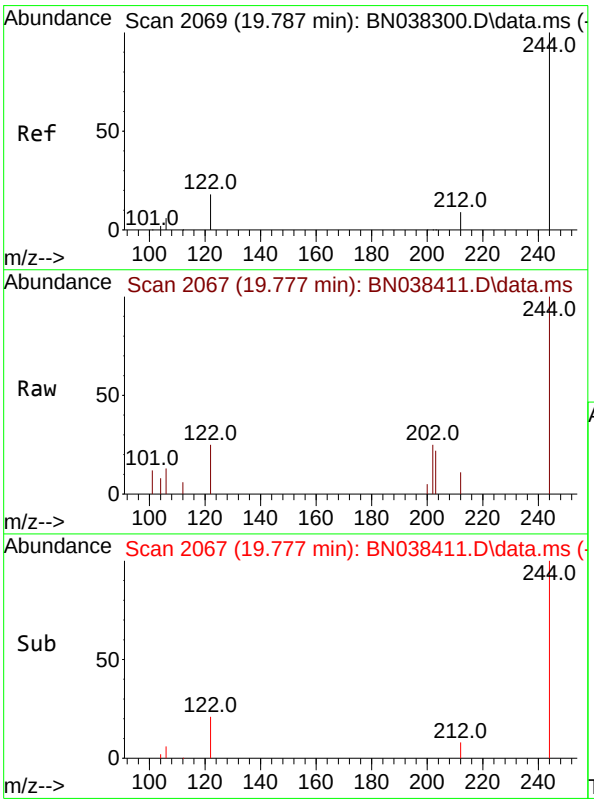
#30
Pyrene
Concen: 0.925 ng
RT: 19.568 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:202 Resp: 58789

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	20.2	14.2	21.2

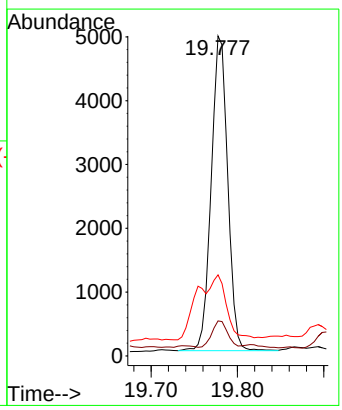


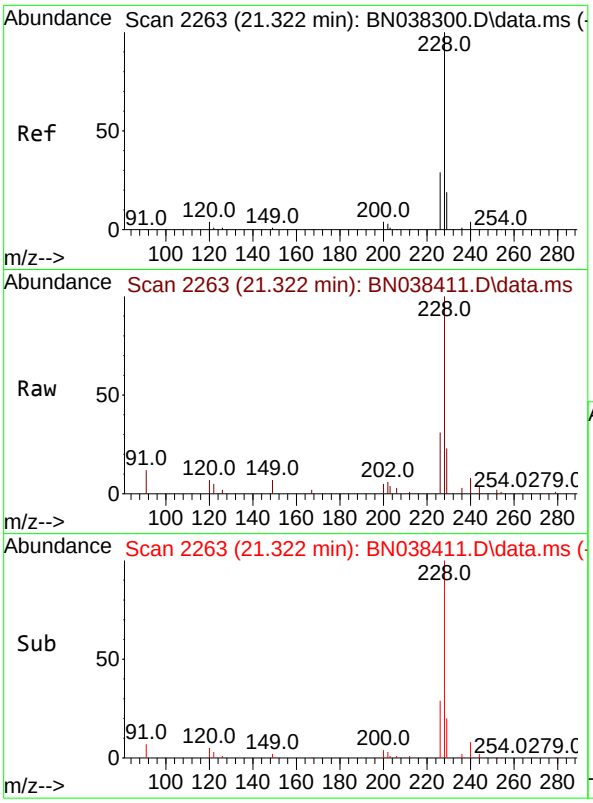


#31
Terphenyl-d14
Concen: 0.228 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:244 Resp: 6571

Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.9	11.9
122	25.4	15.0	22.6#



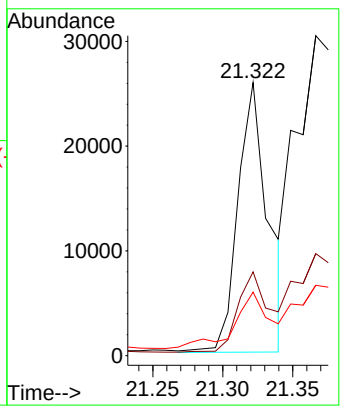


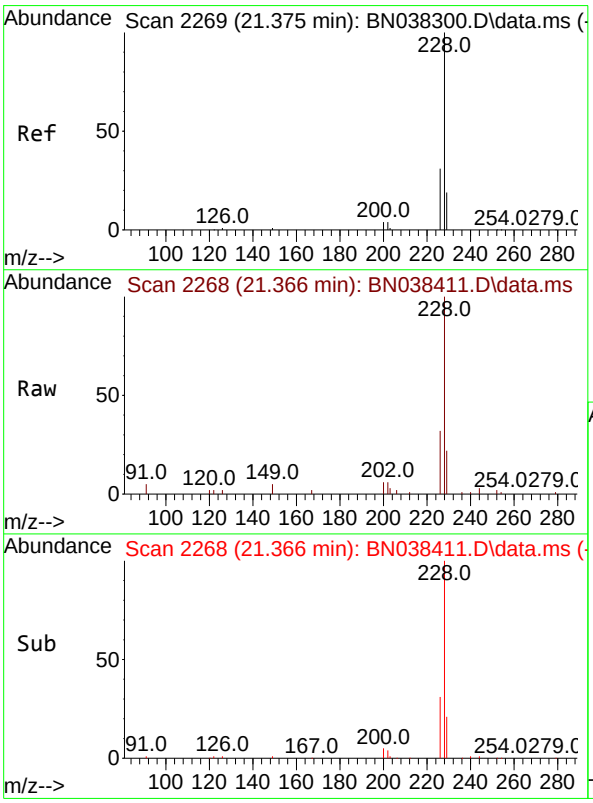
#32
Benzo(a)anthracene
Concen: 0.773 ng
RT: 21.322 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:228 Resp: 38552

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.3	34.9
229	23.2	15.7	23.5

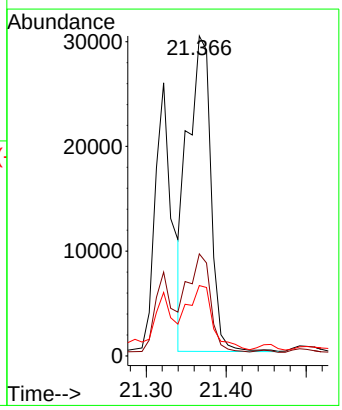


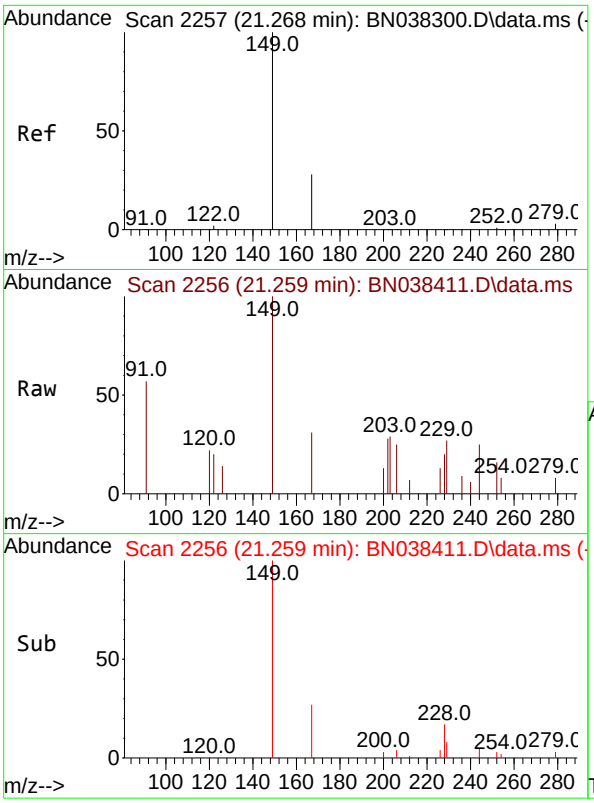


#33
Chrysene
Concen: 1.105 ng
RT: 21.366 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:228 Resp: 60679

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.4
229	22.0	15.5	23.3



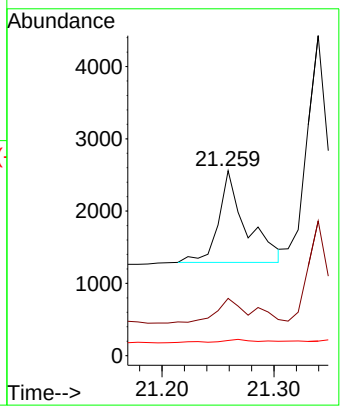


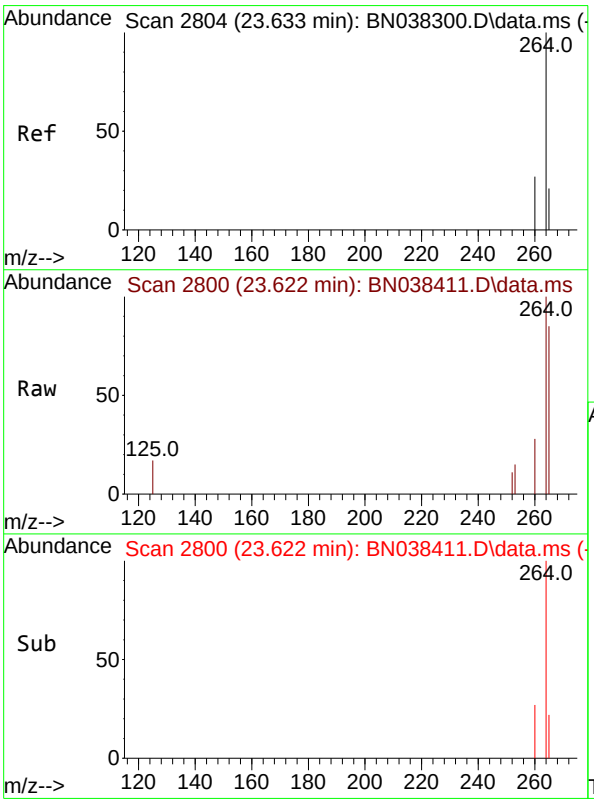
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.079 ng
RT: 21.259 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:149 Resp: 2164

Ion	Ratio	Lower	Upper
149	100		
167	32.3	21.4	32.0#
279	3.2	2.4	3.6

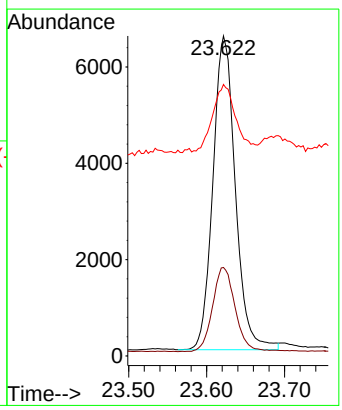


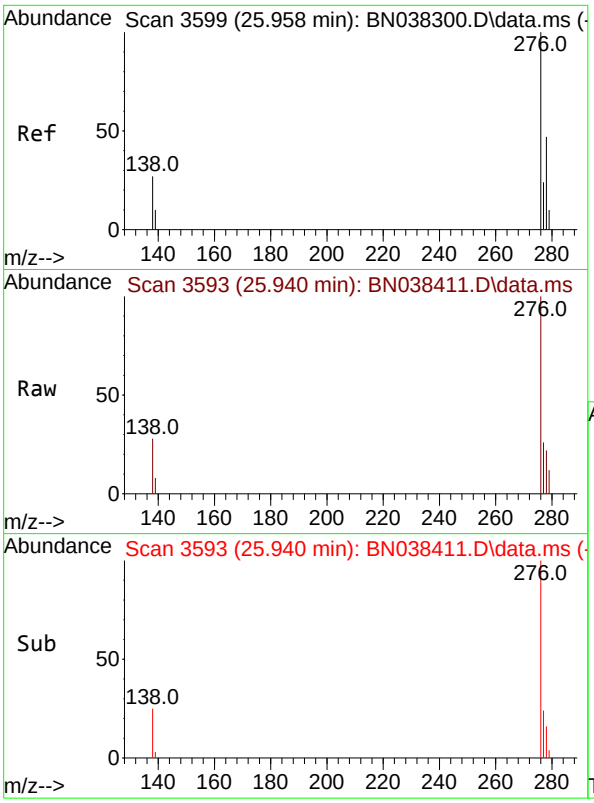


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:264 Resp: 13015

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.2	33.2
265	84.8	80.2	120.2



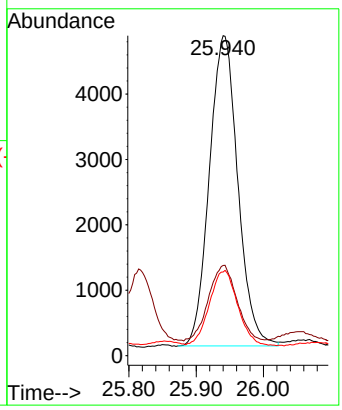


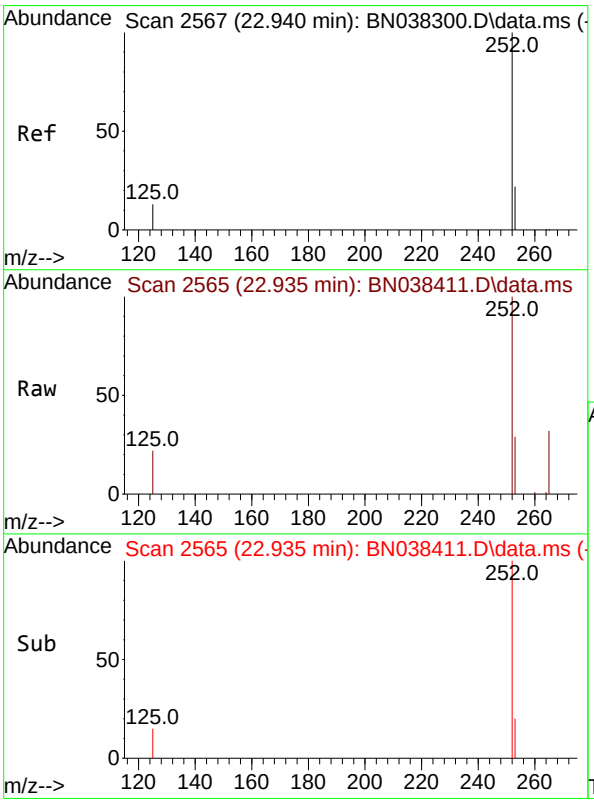
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng
RT: 25.940 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:276 Resp: 13950

Ion	Ratio	Lower	Upper
276	100		
138	25.3	23.6	35.4
277	24.0	19.7	29.5

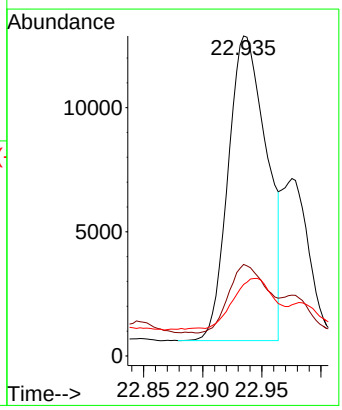


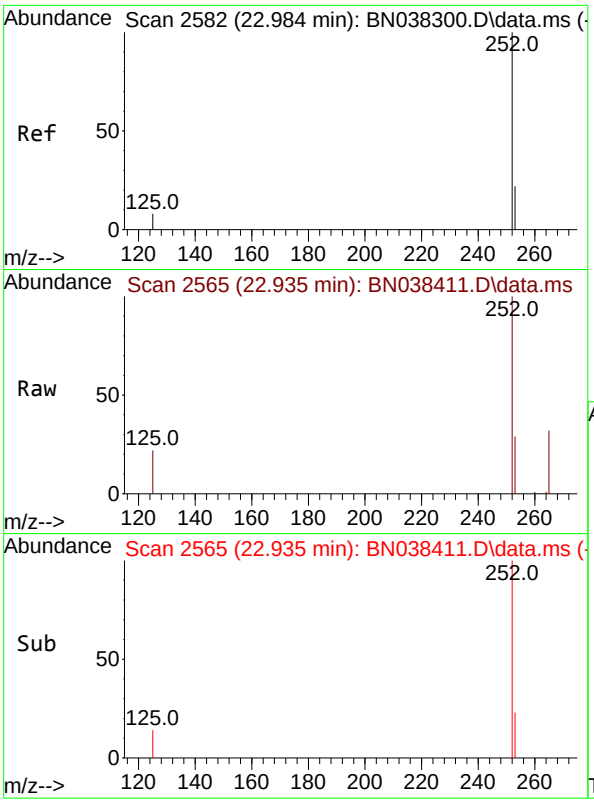


#37
Benzo(b)fluoranthene
Concen: 0.464 ng
RT: 22.935 min Scan# 2565
Delta R.T. -0.012 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:252 Resp: 27712

Ion	Ratio	Lower	Upper
252	100		
253	28.6	21.1	31.7
125	22.3	16.4	24.6



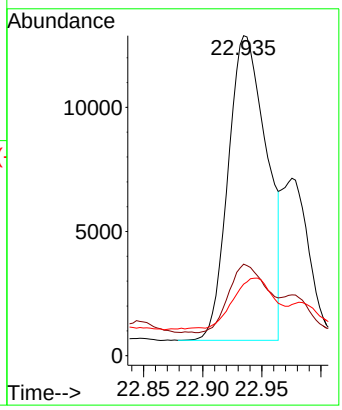


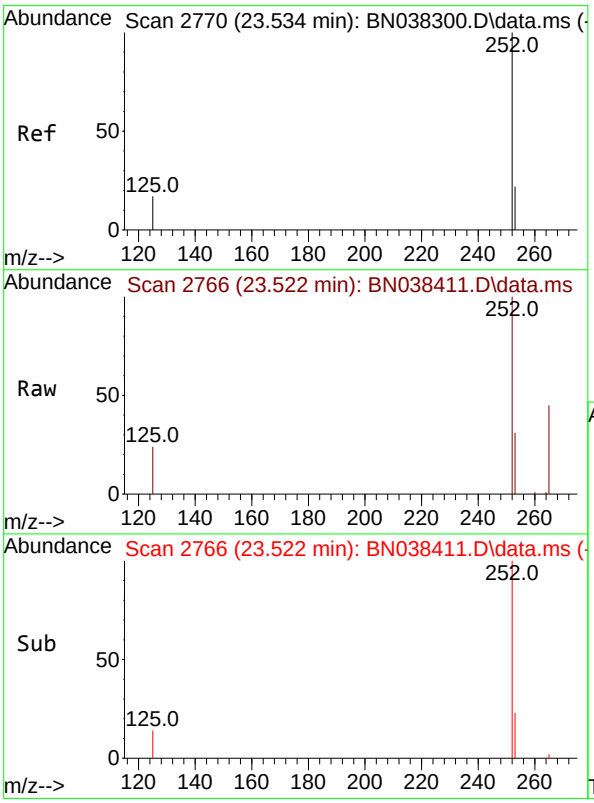
#38
Benzo(k)fluoranthene
Concen: 0.465 ng
RT: 22.935 min Scan# 2
Delta R.T. -0.056 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:252 Resp: 27712

Ion	Ratio	Lower	Upper
252	100		
253	28.6	21.4	32.0
125	22.3	16.2	24.2

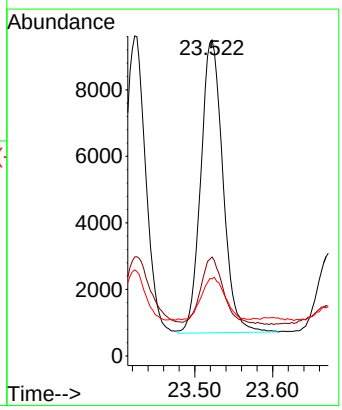


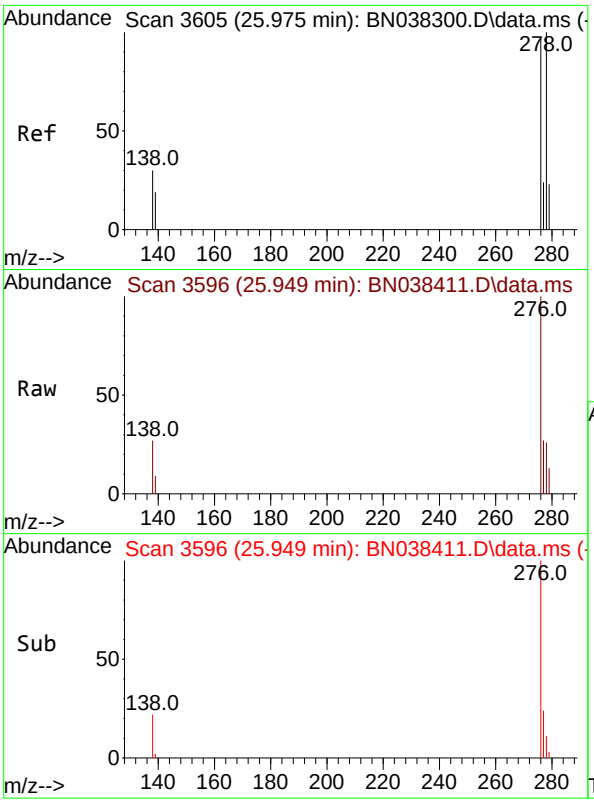


#39
Benzo(a)pyrene
Concen: 0.354 ng
RT: 23.522 min Scan# 2766
Delta R.T. -0.012 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:252 Resp: 17321

Ion	Ratio	Lower	Upper
252	100		
253	31.3	23.3	34.9
125	24.4	22.4	33.6



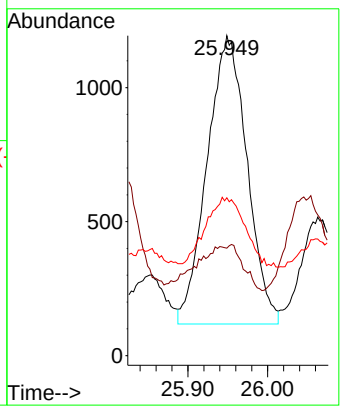


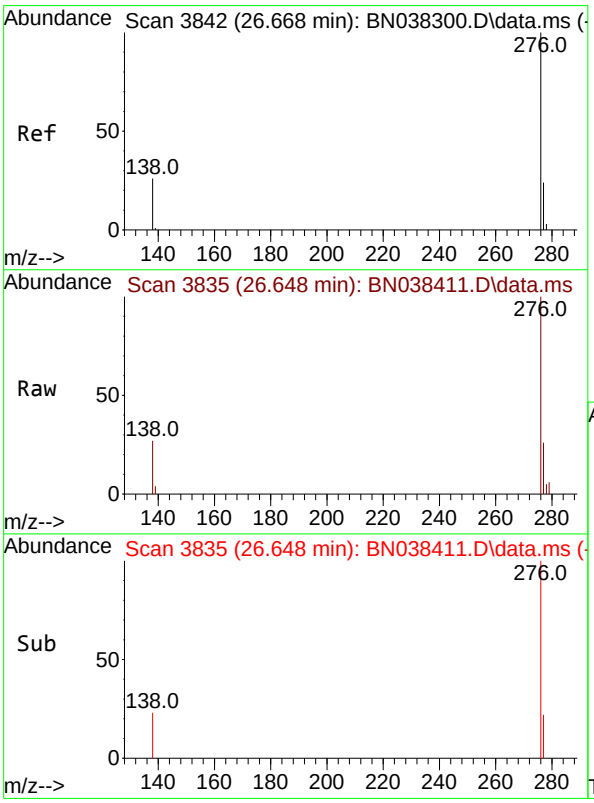
#40
Dibenzo(a,h)anthracene
Concen: 0.070 ng
RT: 25.949 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Instrument :
BNA_N
ClientSampleId :
C0AS3

Tgt Ion:278 Resp: 3743

Ion	Ratio	Lower	Upper
278	100		
139	33.6	17.8	26.8#
279	49.3	21.3	31.9#





#41
Benzo(g,h,i)perylene
Concen: 0.259 ng
RT: 26.648 min Scan# 3835
Delta R.T. -0.029 min
Lab File: BN038411.D
Acq: 15 Dec 2025 18:57

Tgt Ion:276 Resp: 15429

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.0	30.0
138	26.9	21.8	32.6