Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038418.D
Acq On : 16 Dec 2025 00:29
Operator : RC/JU
Sample : Q3839-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Quant Time: Dec 16 01:29:19 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	7.710	152	5077	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	14404	0.400	ng	#-0.02
13) Acenaphthene-d10	14.388	164	7763	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13879	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	11918	0.400	ng	0.00
35) Perylene-d12	23.616	264	12692	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	603	0.048	ng	0.00
5) Phenol-d6	6.879	99	656	0.044	ng	0.00
8) Nitrobenzene-d5	8.865	82	706	0.058	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	812	0.040	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	147	0.043	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	1738	0.046	ng	0.00
27) Fluoranthene-d10	19.174	212	1219	0.036	ng	-0.01
31) Terphenyl-d14	19.777	244	1327	0.050	ng	-0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.499	42	218	0.030	ng	# 3
9) Naphthalene	10.562	128	59977	1.409	ng	99
12) 2-Methylnaphthalene	12.187	142	53269	1.971	ng	99
16) Acenaphthylene	14.099	152	1661	0.044	ng	# 37
17) Acenaphthene	14.441	154	2047	0.077	ng	# 70
18) Fluorene	15.435	166	3770	0.110	ng	# 78
25) Phenanthrene	17.173	178	41246	0.854	ng	98
26) Anthracene	17.173	178	40998	0.984	ng	97
28) Fluoranthene	19.206	202	25013	0.487	ng	99
30) Pyrene	19.568	202	23084	0.393	ng	97
32) Benzo(a)anthracene	21.313	228	10153	0.221	ng	# 93
33) Chrysene	21.366	228	13804	0.272	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.259	149	2045	0.081	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.931	276	5894	0.088	ng	95
37) Benzo(b)fluoranthene	22.929	252	15301	0.262	ng	# 80
38) Benzo(k)fluoranthene	22.929	252	15301	0.263	ng	# 80
39) Benzo(a)pyrene	23.513	252	8117	0.170	ng	# 74
40) Dibenzo(a,h)anthracene	25.940	278	2078	0.040	ng	# 21
41) Benzo(g,h,i)perylene	26.642	276	9078	0.156	ng	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
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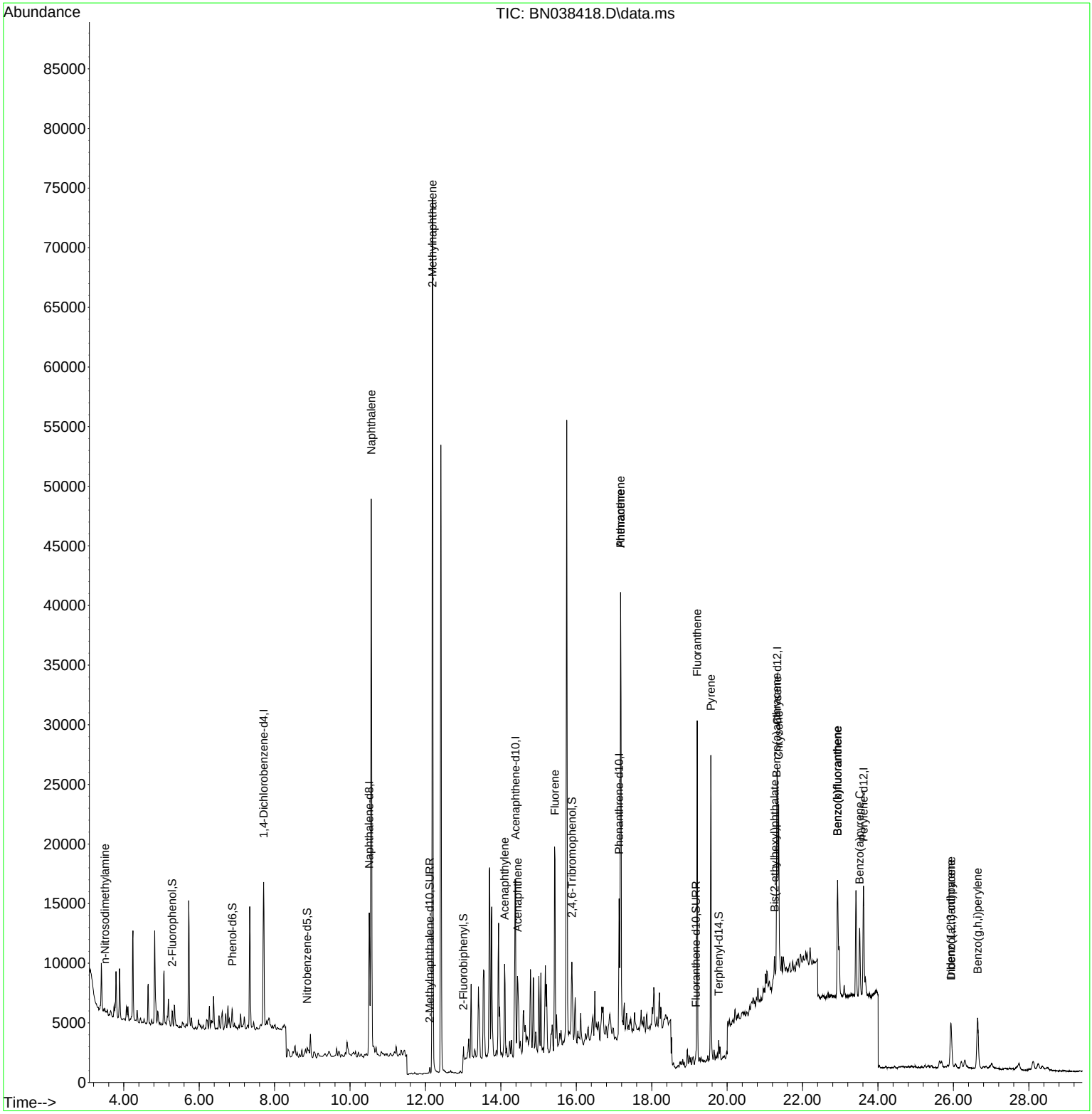
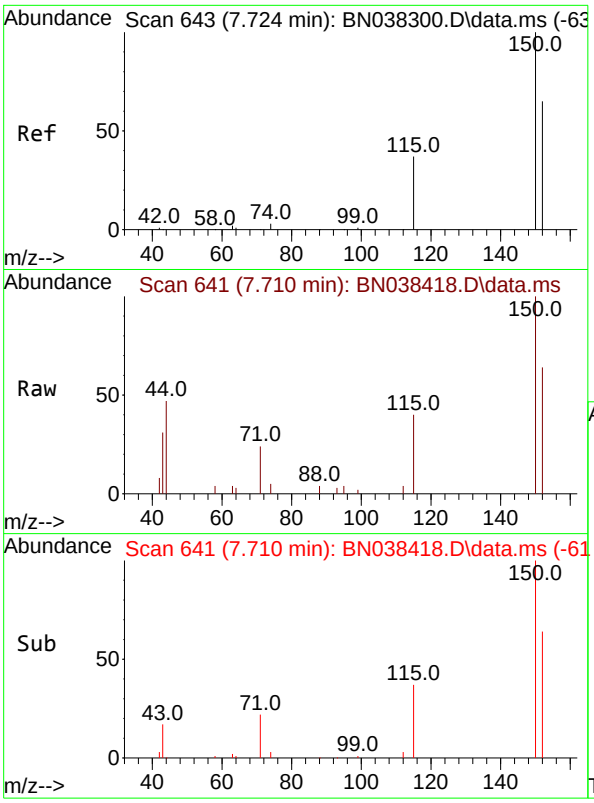


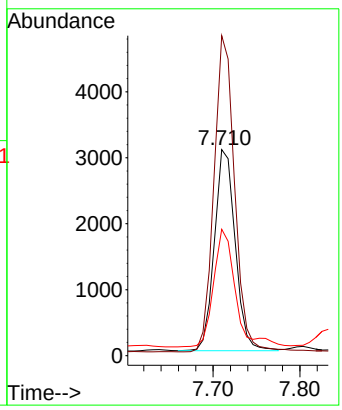


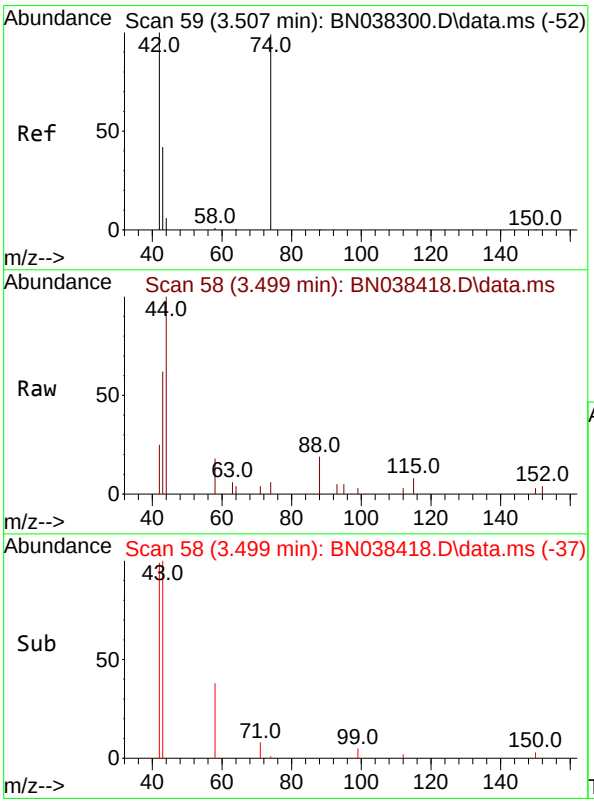
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:152 Resp: 5077

Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.4	183.6
115	61.4	47.3	70.9

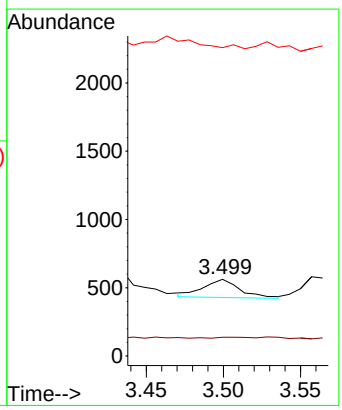


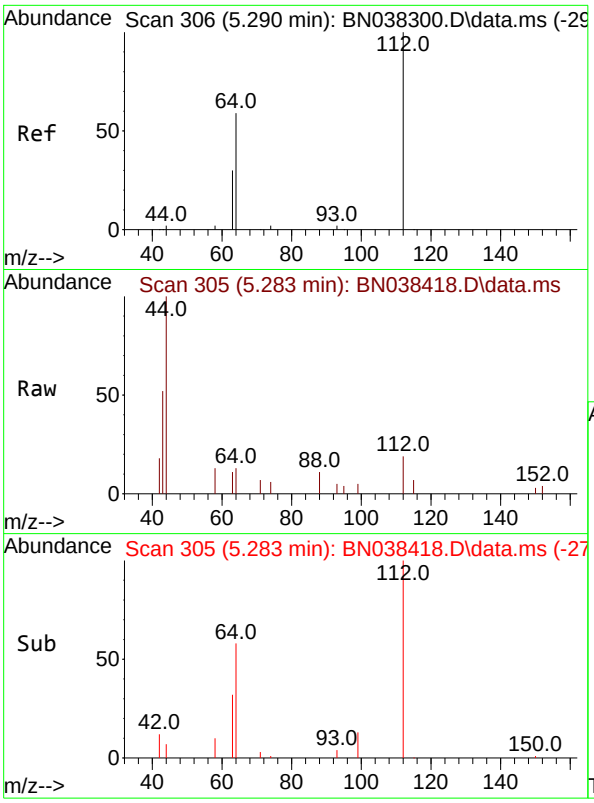


#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.499 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion: 42 Resp: 218

Ion	Ratio	Lower	Upper
42	100		
74	5.0	95.3	142.9#
44	0.0	7.9	11.9#



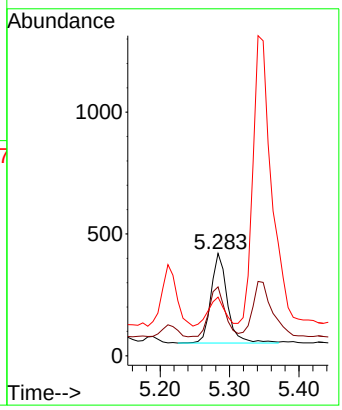


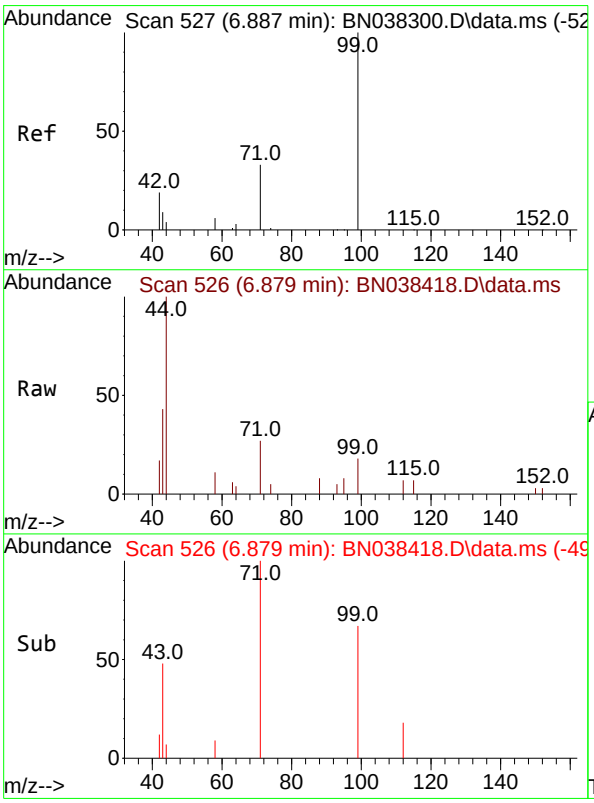
#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.283 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:112 Resp: 603

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.4	66.6
63	31.7	23.4	35.0

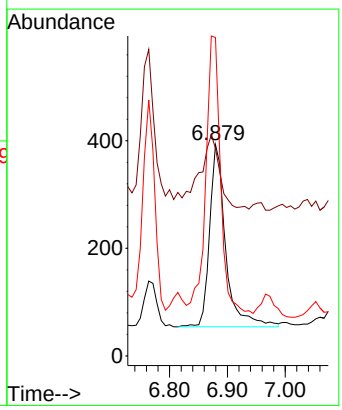


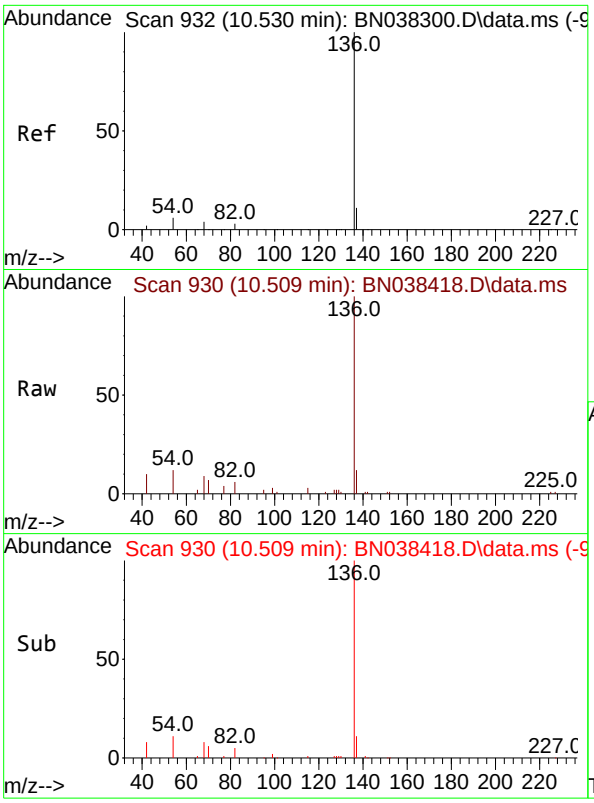


#5
Phenol-d6
Concen: 0.044 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion: 99 Resp: 656

Ion	Ratio	Lower	Upper
99	100		
42	46.0	16.5	24.7#
71	139.3	24.9	37.3#



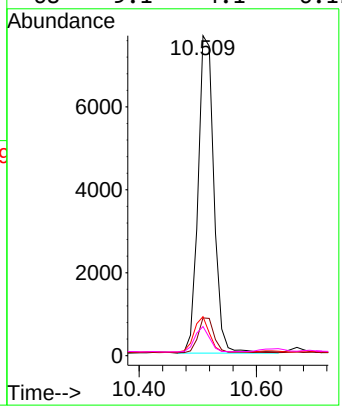


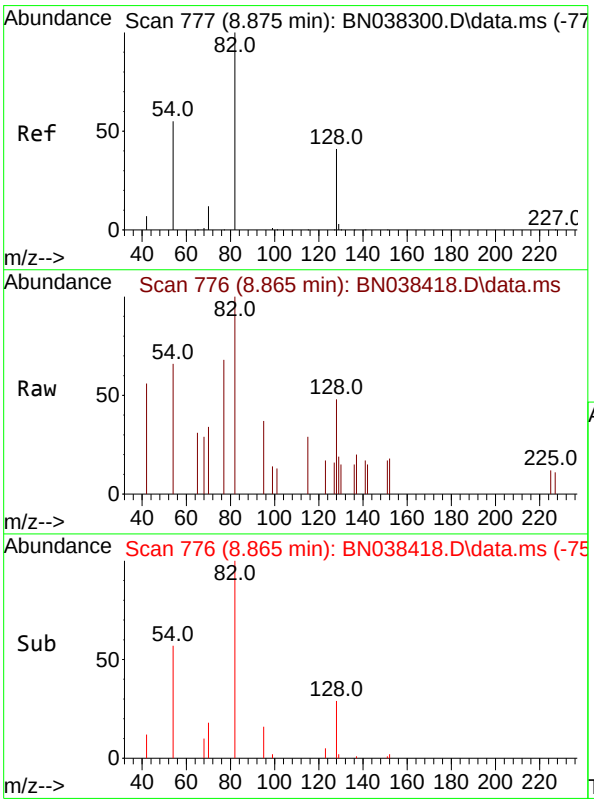
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:136 Resp: 14404

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	12.2	5.2	7.8#
68	9.1	4.1	6.1#

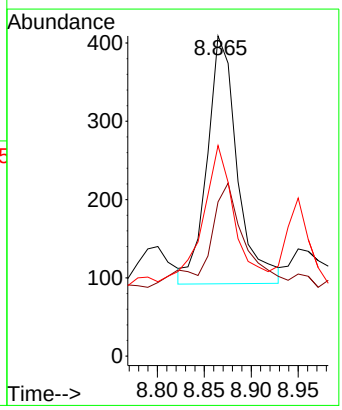


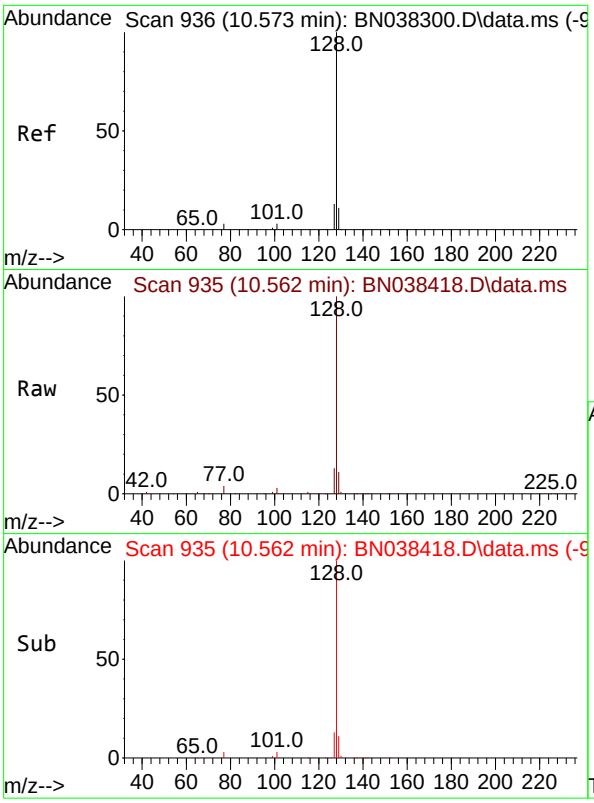


#8
Nitrobenzene-d5
Concen: 0.058 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion: 82 Resp: 706

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	65.8	44.4	66.6



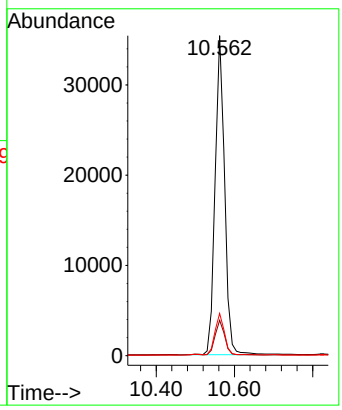


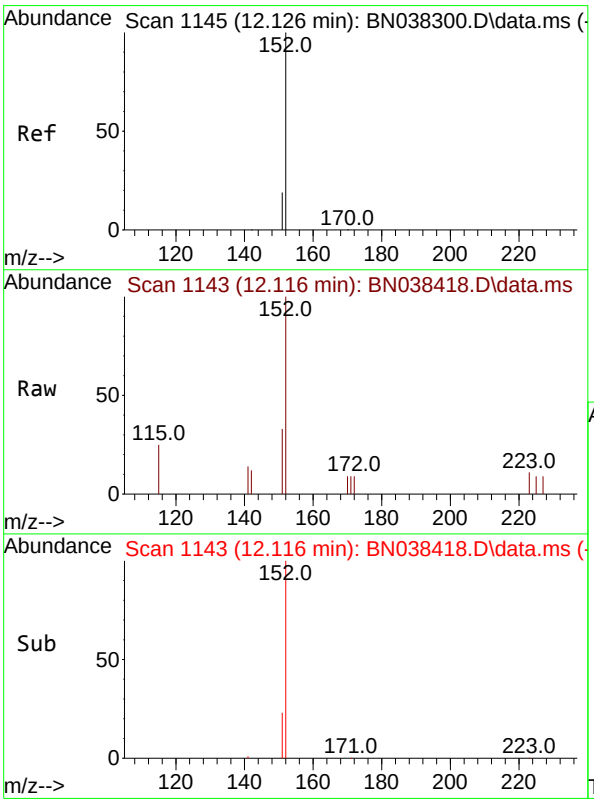
#9
Naphthalene
Concen: 1.409 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:128 Resp: 59977

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	10.9	16.3

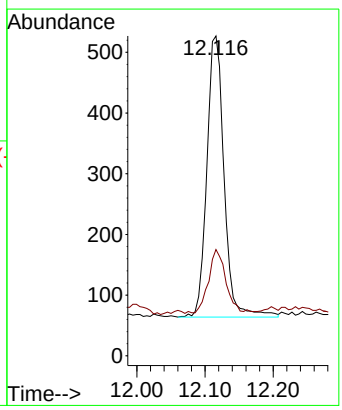


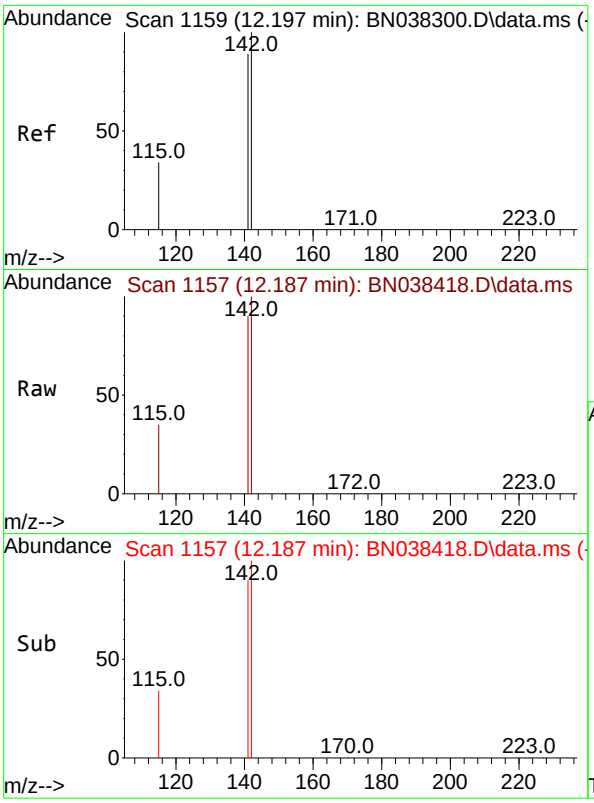


#11
2-Methylnaphthalene-d10
Concen: 0.040 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:152 Resp: 812

Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.0	25.6



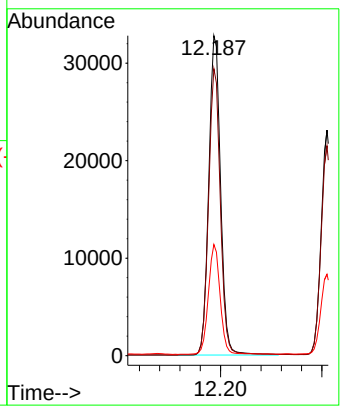


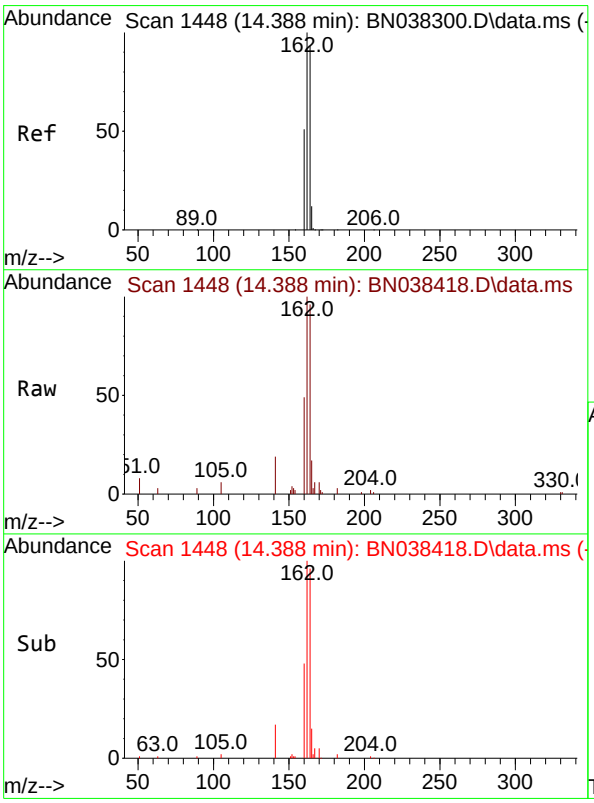
#12
2-Methylnaphthalene
Concen: 1.971 ng
RT: 12.187 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:142 Resp: 53269

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	34.7	28.4	42.6

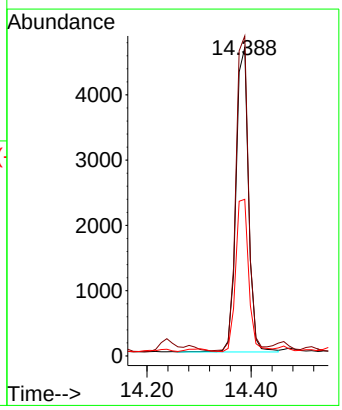


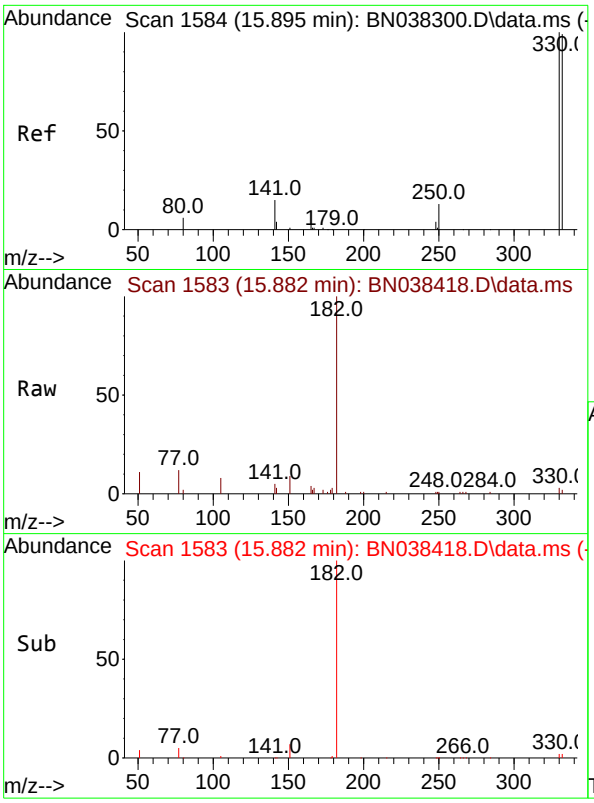


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:164 Resp: 7763

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.2	129.4
160	50.8	44.6	67.0



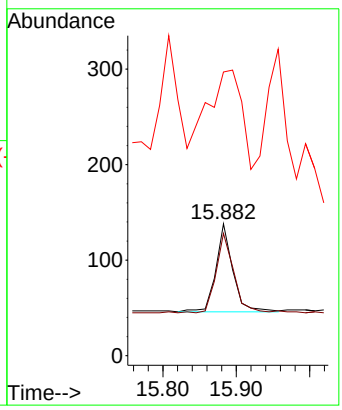


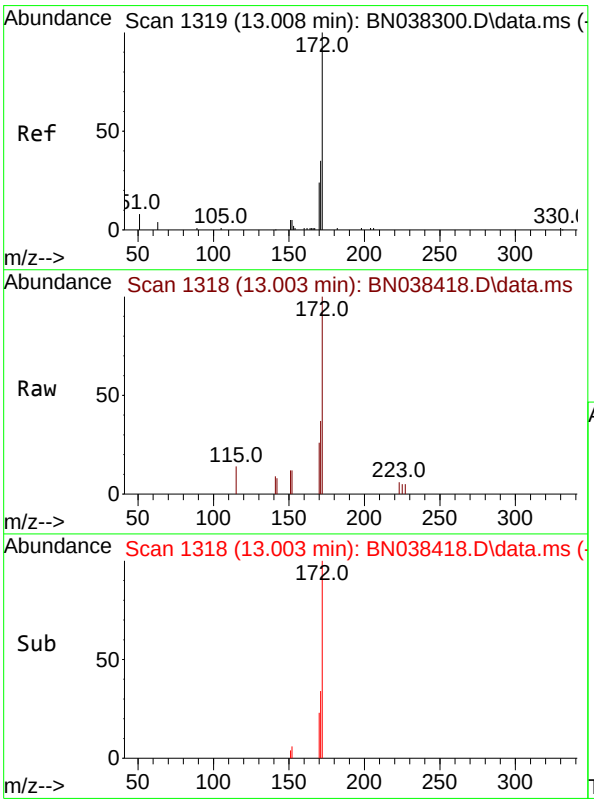
#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 15.882 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:330 Resp: 147

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.8	113.6
141	251.7	31.8	47.8#

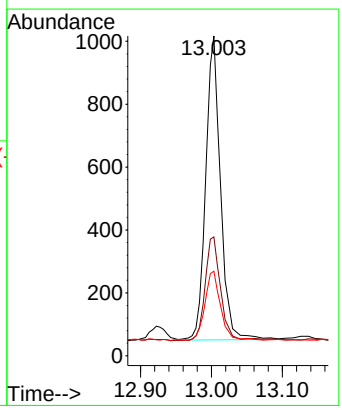


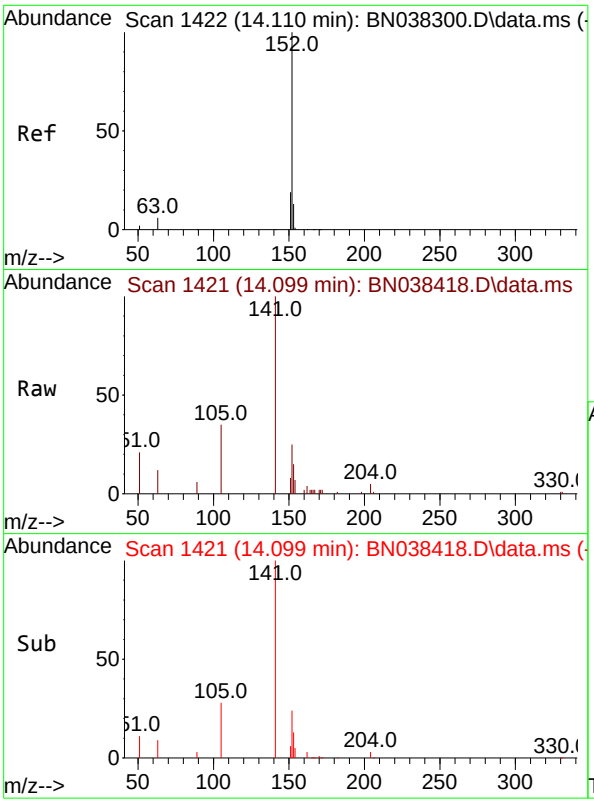


#15
2-Fluorobiphenyl
Concen: 0.046 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:172 Resp: 1738

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	42.8
170	26.5	19.3	28.9



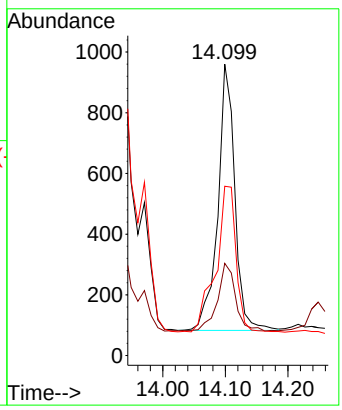


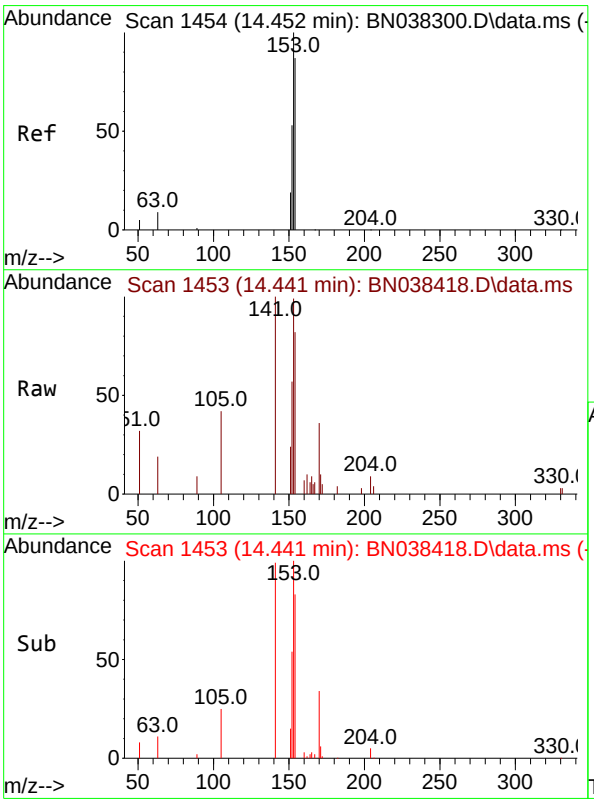
#16
Acenaphthylene
Concen: 0.044 ng
RT: 14.099 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:152 Resp: 1661

Ion	Ratio	Lower	Upper
152	100		
151	26.6	15.4	23.2#
153	65.9	10.2	15.4#

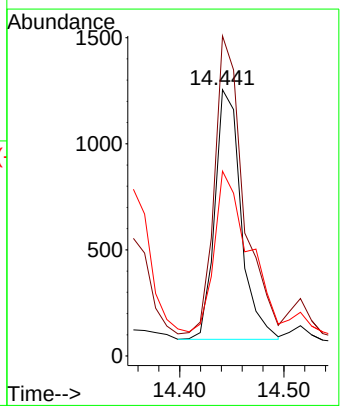


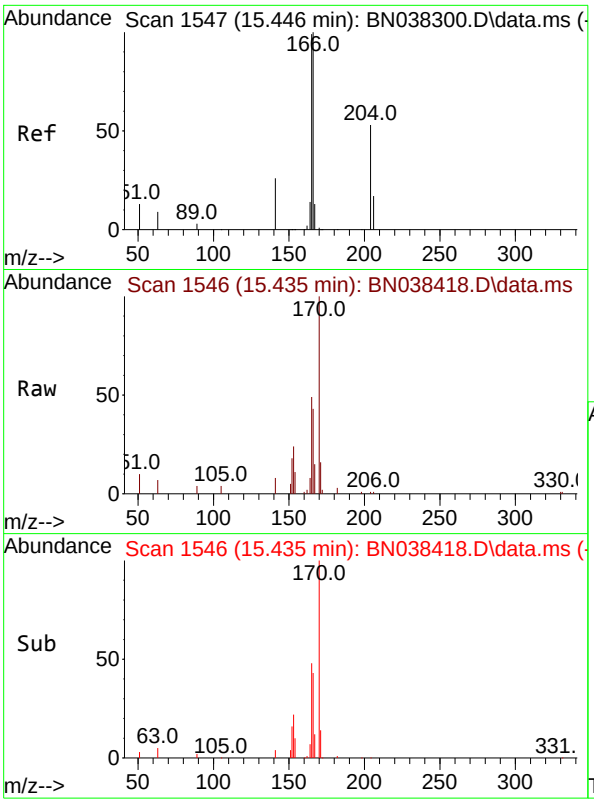


#17
Acenaphthene
Concen: 0.077 ng
RT: 14.441 min Scan# 1453
Delta R.T. -0.021 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:154 Resp: 2047

Ion	Ratio	Lower	Upper
154	100		
153	132.1	89.8	134.8
152	97.3	47.5	71.3#



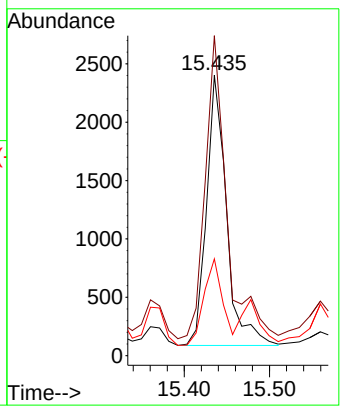


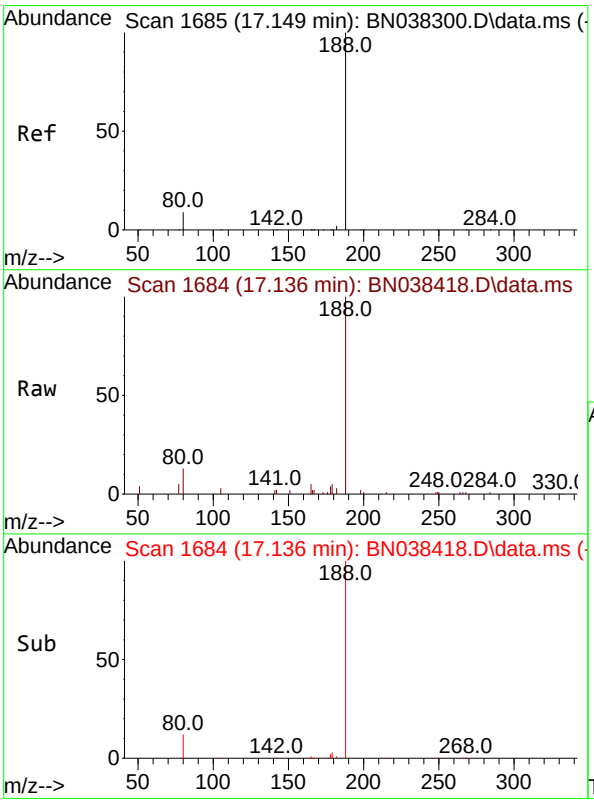
#18
Fluorene
Concen: 0.110 ng
RT: 15.435 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:166 Resp: 3770

Ion	Ratio	Lower	Upper
166	100		
165	119.9	80.2	120.4
167	30.2	10.6	16.0#

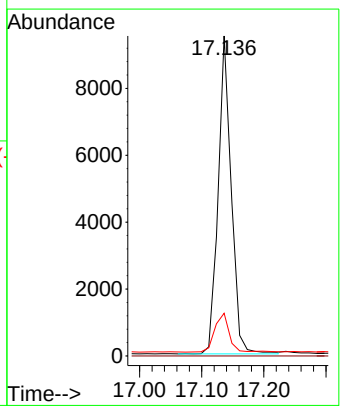


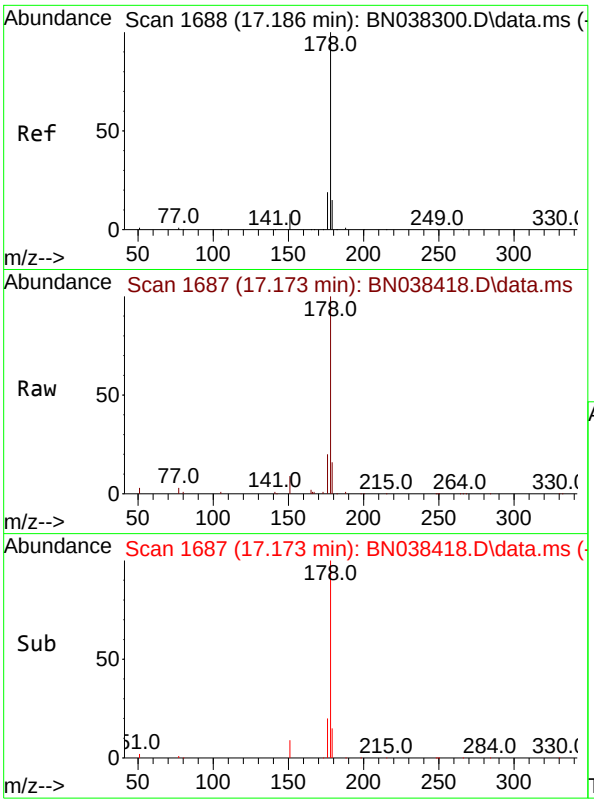


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:188 Resp: 13879

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	7.4	11.0#



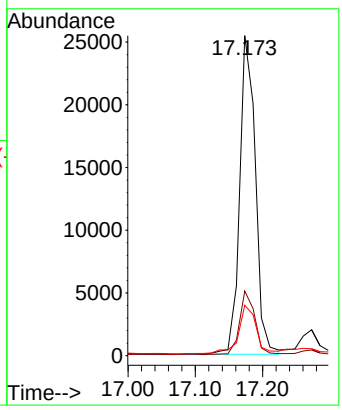


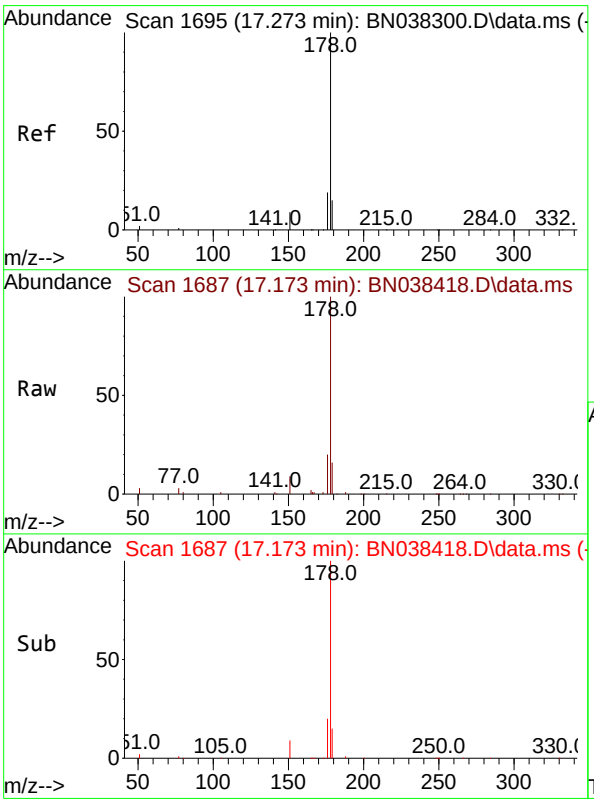
#25
Phenanthrene
Concen: 0.854 ng
RT: 17.173 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:178 Resp: 41246

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	17.4	12.2	18.2

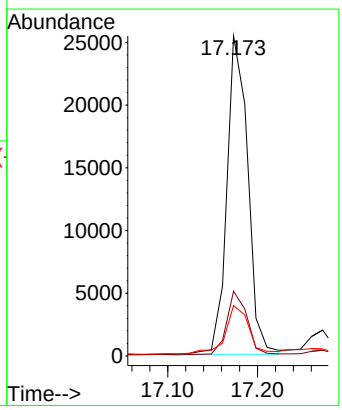


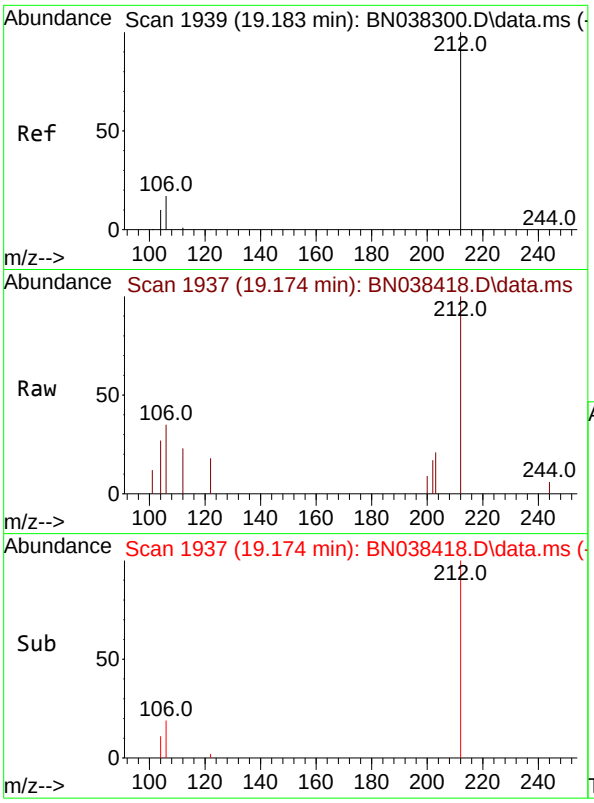


#26
Anthracene
Concen: 0.984 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.112 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:178 Resp: 40998

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.8	12.0	18.0



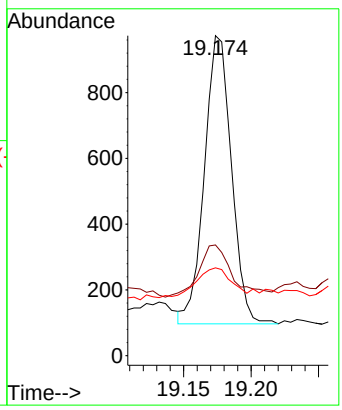


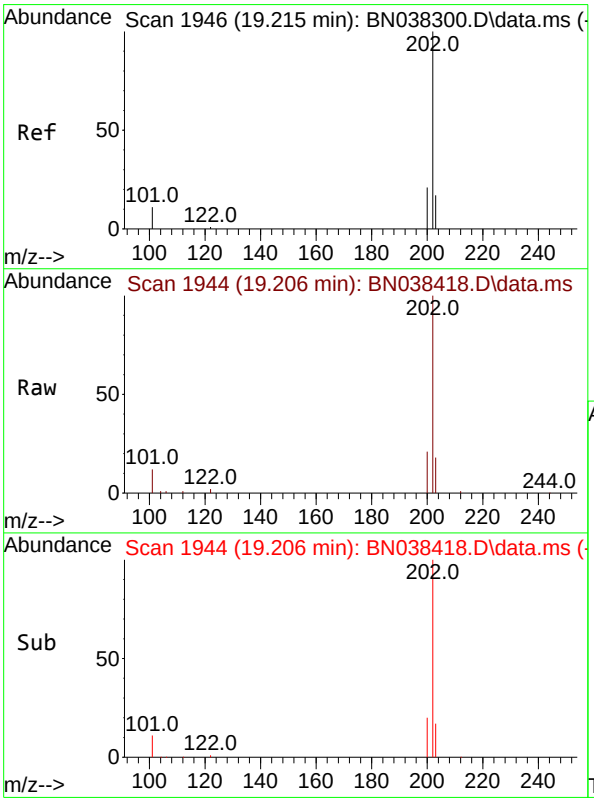
#27
Fluoranthene-d10
Concen: 0.036 ng
RT: 19.174 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:212 Resp: 1219

Ion	Ratio	Lower	Upper
212	100		
106	22.7	13.7	20.5#
104	13.4	7.8	11.8#

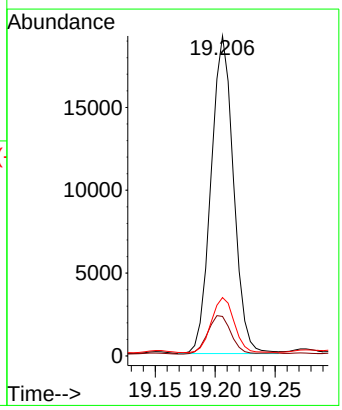


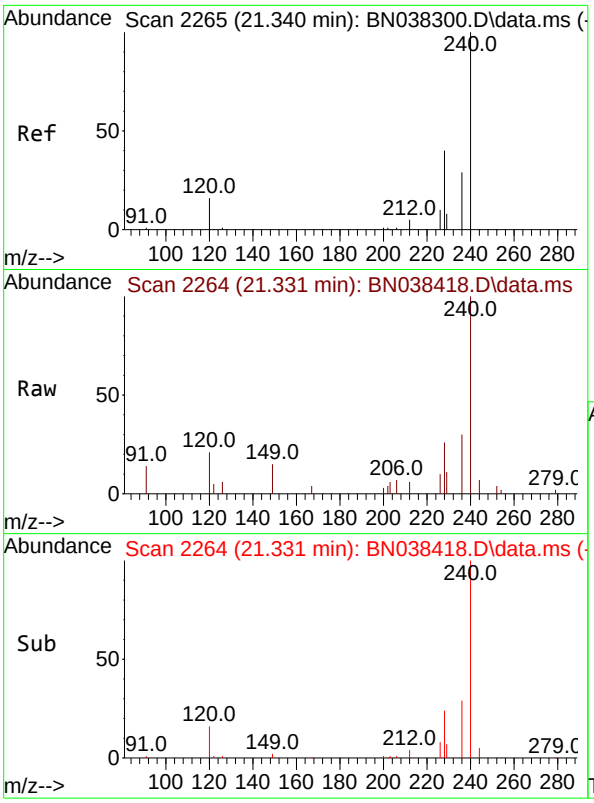


#28
Fluoranthene
Concen: 0.487 ng
RT: 19.206 min Scan# 1944
Delta R.T. -0.014 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:202 Resp: 25013

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	17.5	13.5	20.3



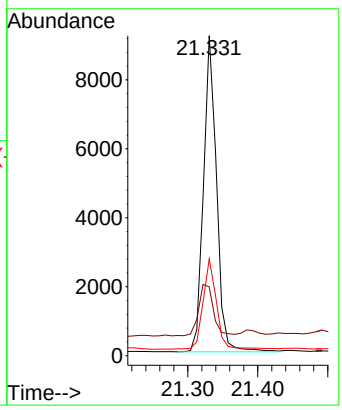


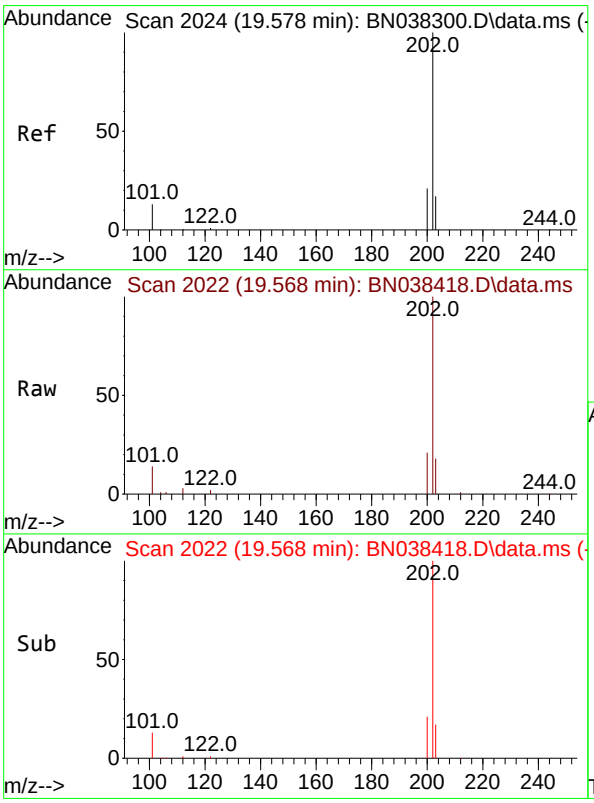
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:240 Resp: 11918

Ion	Ratio	Lower	Upper
240	100		
120	21.5	15.4	23.2
236	30.3	23.9	35.9

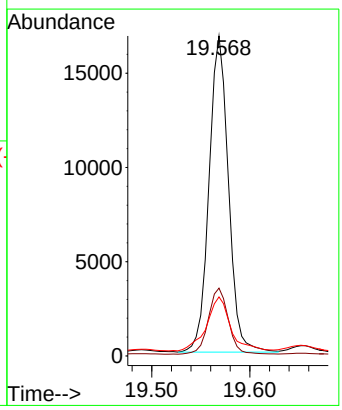


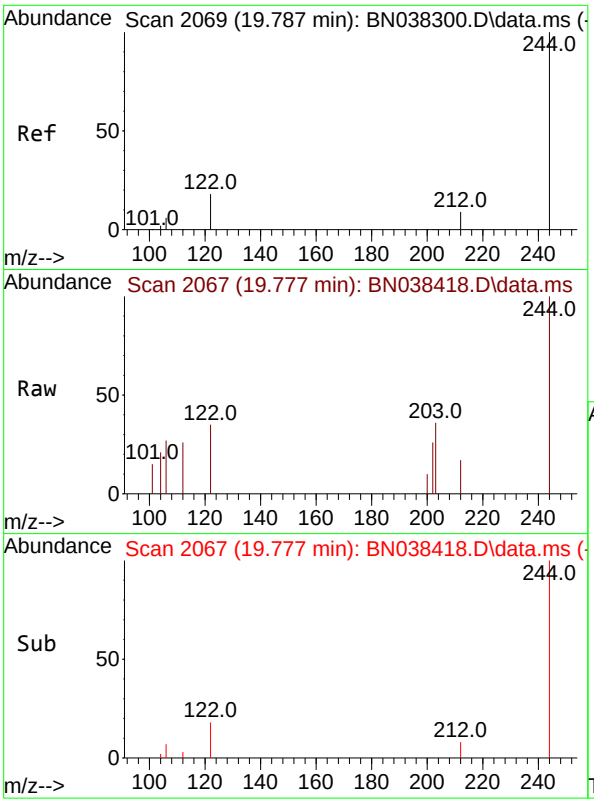


#30
Pyrene
Concen: 0.393 ng
RT: 19.568 min Scan# 2022
Delta R.T. -0.014 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:202 Resp: 23084

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



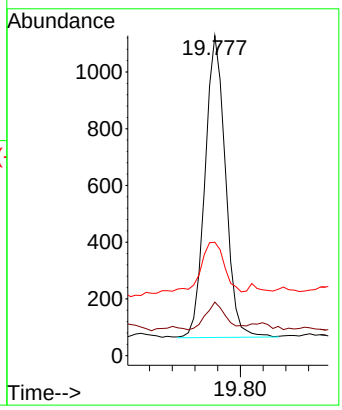


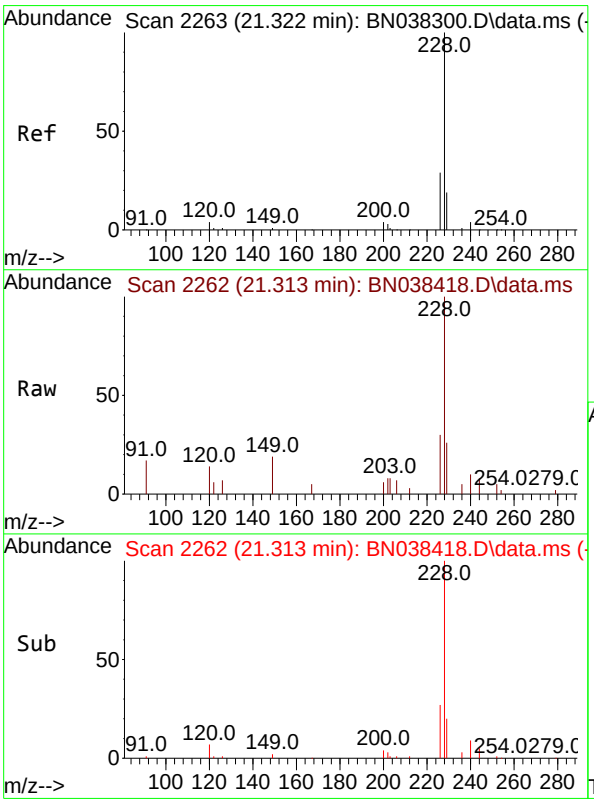
#31
Terphenyl-d14
Concen: 0.050 ng
RT: 19.777 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:244 Resp: 1327

Ion	Ratio	Lower	Upper
244	100		
212	16.8	7.9	11.9#
122	35.5	15.0	22.6#

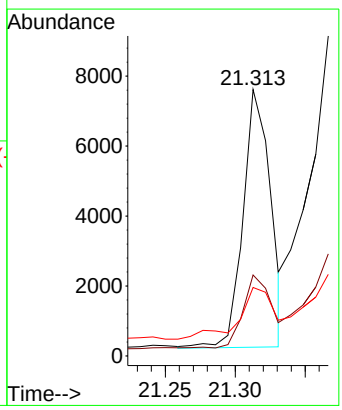


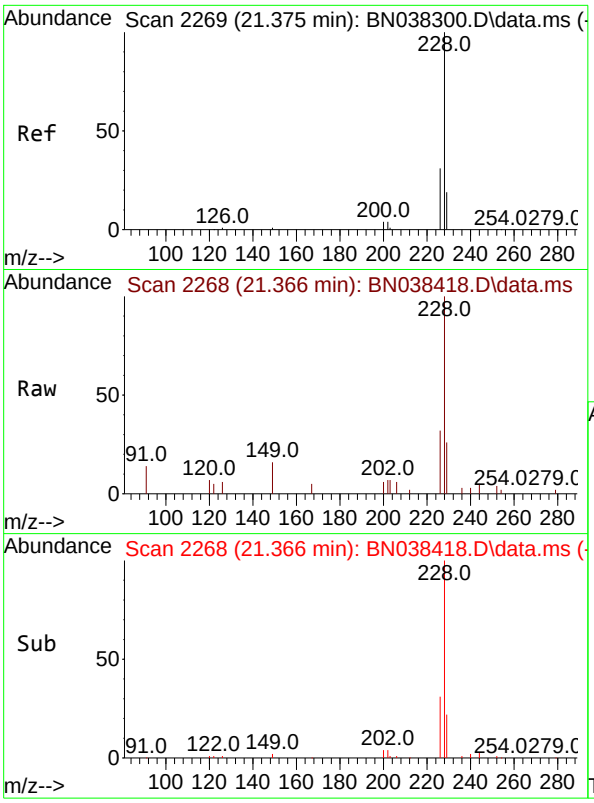


#32
Benzo(a)anthracene
Concen: 0.221 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.018 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:228 Resp: 10153

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.3	34.9
229	25.7	15.7	23.5#



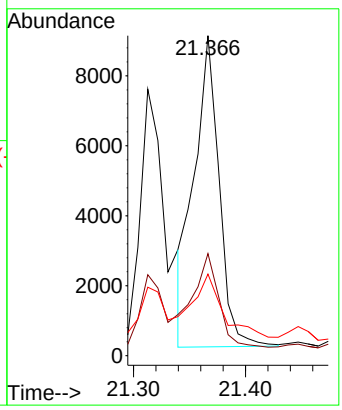


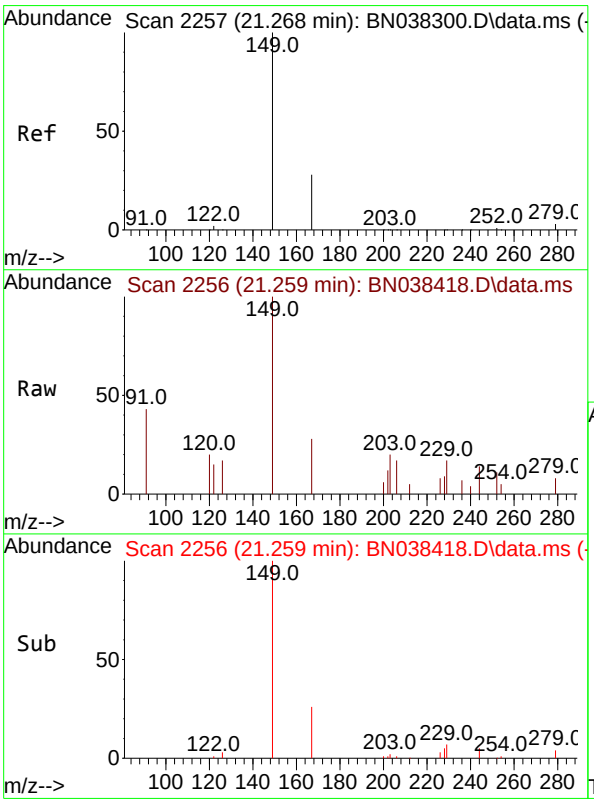
#33
Chrysene
Concen: 0.272 ng
RT: 21.366 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:228 Resp: 13804

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.4
229	25.5	15.5	23.3#

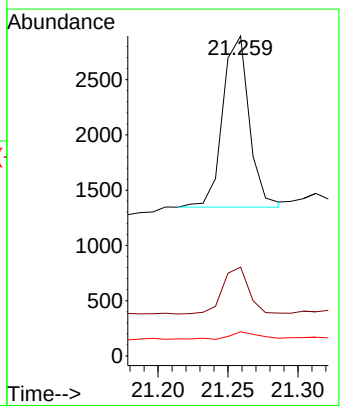


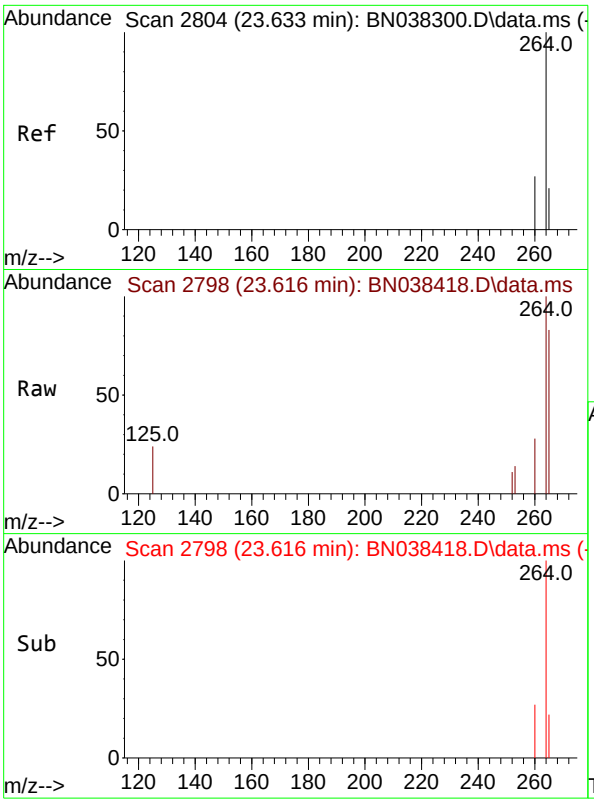


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:149 Resp: 2045

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.4	32.0
279	4.9	2.4	3.6#



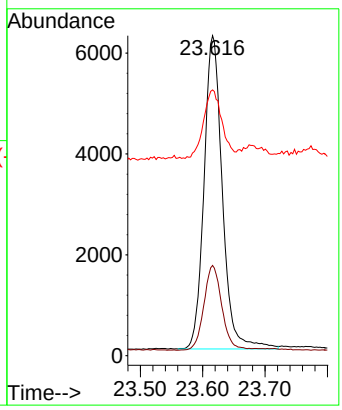


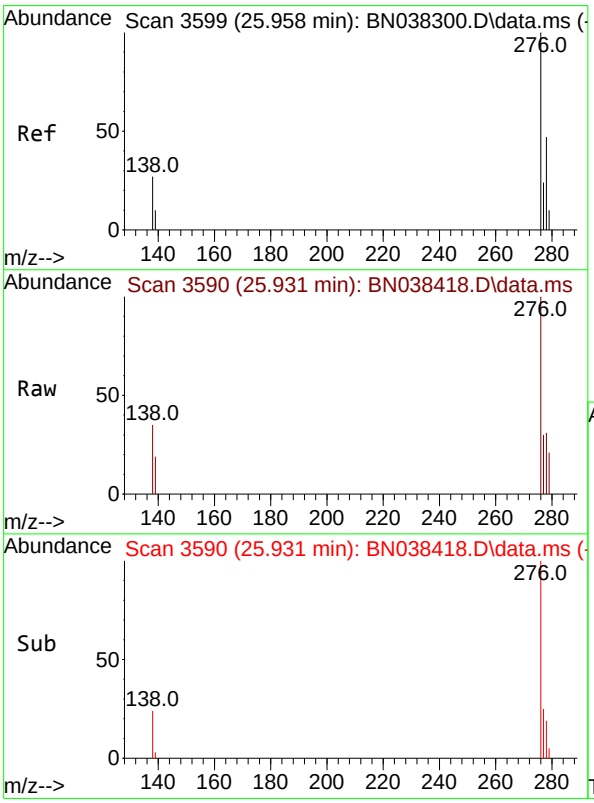
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.616 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:264 Resp: 12692

Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.2	33.2
265	83.1	80.2	120.2

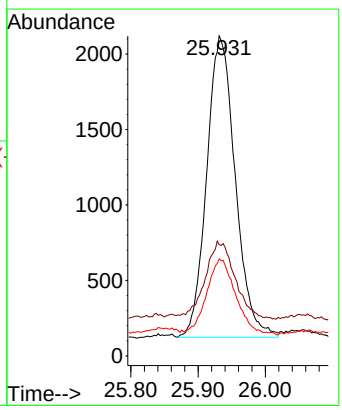


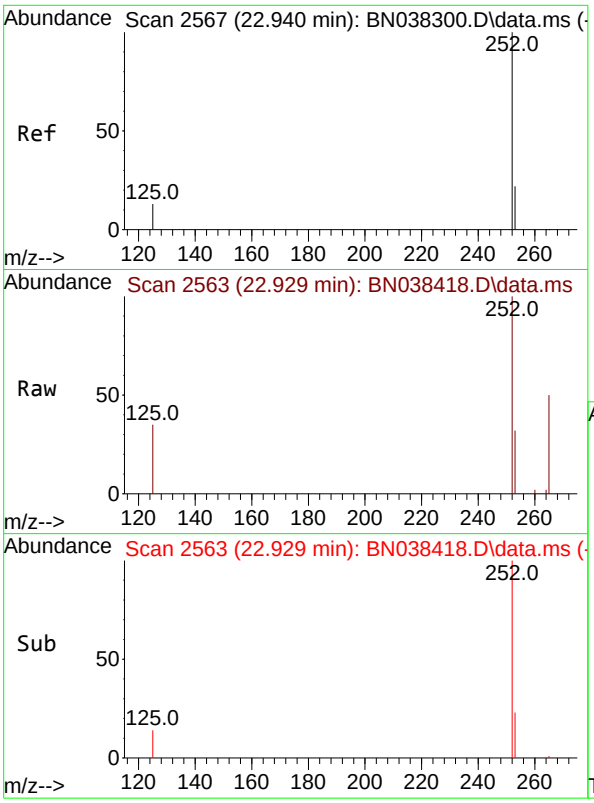


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng
RT: 25.931 min Scan# 3590
Delta R.T. -0.032 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:276 Resp: 5894

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.6	35.4
277	23.8	19.7	29.5



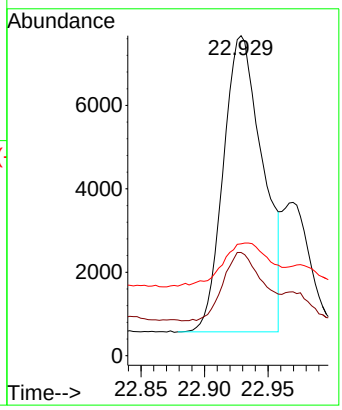


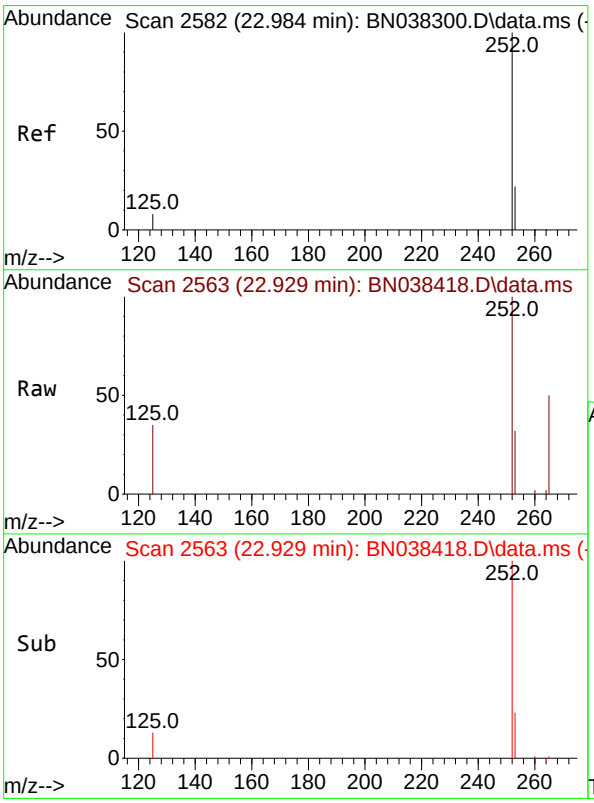
#37
Benzo(b)fluoranthene
Concen: 0.262 ng
RT: 22.929 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:252 Resp: 15301

Ion	Ratio	Lower	Upper
252	100		
253	32.3	21.1	31.7#
125	34.9	16.4	24.6#

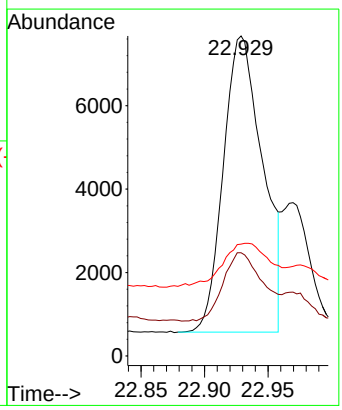


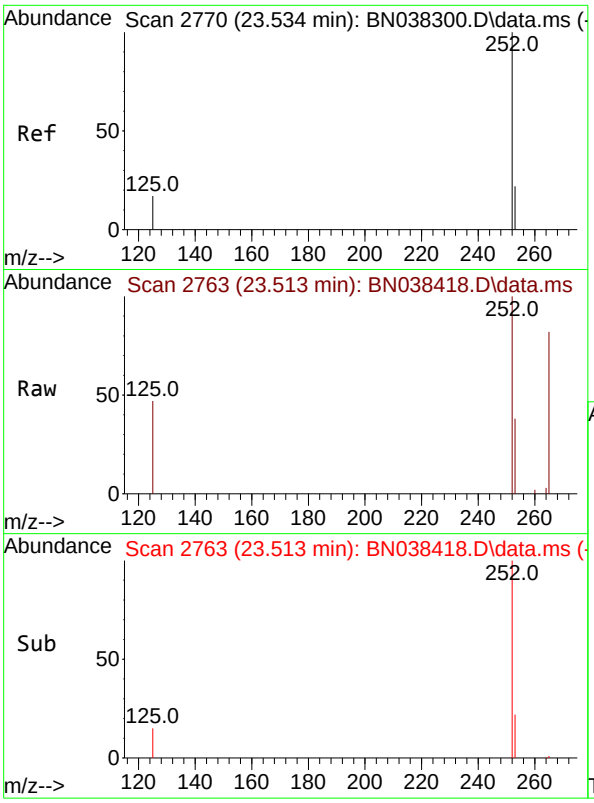


#38
Benzo(k)fluoranthene
Concen: 0.263 ng
RT: 22.929 min Scan# 2563
Delta R.T. -0.061 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:252 Resp: 15301

Ion	Ratio	Lower	Upper
252	100		
253	32.3	21.4	32.0#
125	34.9	16.2	24.2#



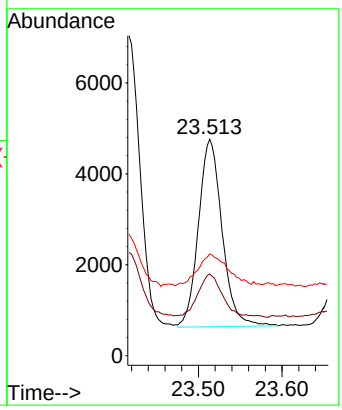


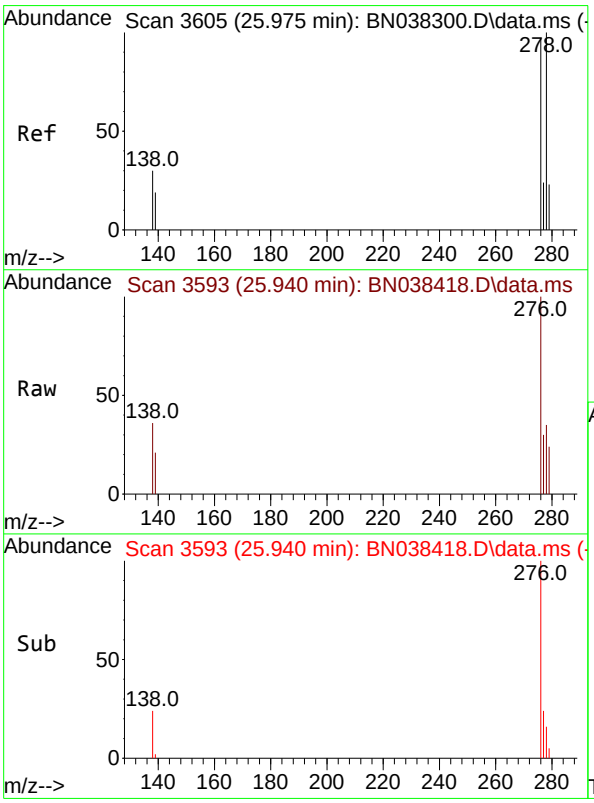
#39
Benzo(a)pyrene
Concen: 0.170 ng
RT: 23.513 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:252 Resp: 8117

Ion	Ratio	Lower	Upper
252	100		
253	37.7	23.3	34.9#
125	47.0	22.4	33.6#

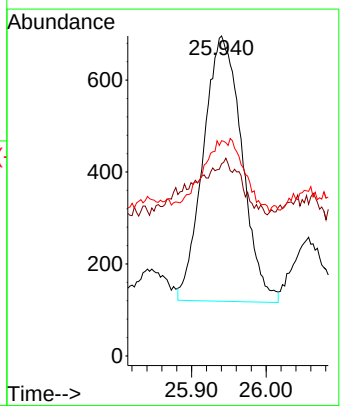


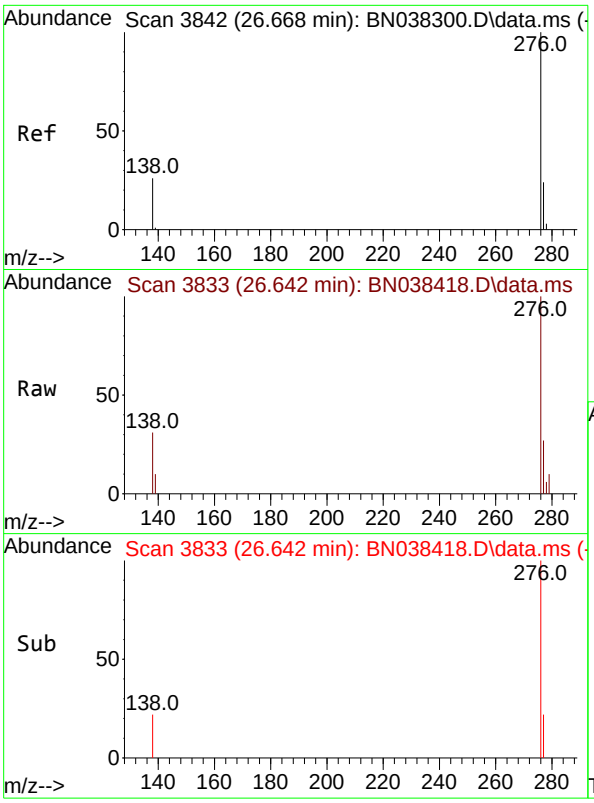


#40
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 25.940 min Scan# 3593
Delta R.T. -0.041 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Tgt Ion:278 Resp: 2078

Ion	Ratio	Lower	Upper
278	100		
139	60.1	17.8	26.8#
279	67.2	21.3	31.9#





#41
Benzo(g,h,i)perylene
Concen: 0.156 ng
RT: 26.642 min Scan# 3
Delta R.T. -0.035 min
Lab File: BN038418.D
Acq: 16 Dec 2025 00:29

Instrument :
BNA_N
ClientSampleId :
C0AN6DL

Tgt Ion:276 Resp: 9078

Ion	Ratio	Lower	Upper
276	100		
277	26.7	20.0	30.0
138	30.9	21.8	32.6