Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038388.D
Acq On : 13 Dec 2025 15:52
Operator : RC/JU
Sample : Q3839-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN6

Quant Time: Dec 14 22:24:32 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	6242	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	17347	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	10090	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	16132	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	14312	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	16769	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	3466	0.223	ng	0.00
5) Phenol-d6	6.879	99	3971	0.215	ng	0.00
8) Nitrobenzene-d5	8.865	82	4085	0.279	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	4633	0.189	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	1022	0.228	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	8928	0.184	ng	0.00
27) Fluoranthene-d10	19.178	212	6941	0.174	ng	0.00
31) Terphenyl-d14	19.782	244	6666	0.209	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.499	42	1064	0.119	ng	# 1
6) bis(2-Chloroethyl)ether	7.154	93	938	0.052	ng	# 22
9) Naphthalene	10.562	128	340548	6.641	ng	99
12) 2-Methylnaphthalene	12.192	142	302603	9.297	ng	98
16) Acenaphthylene	14.110	152	9273	0.187	ng	# 36
17) Acenaphthene	14.452	154	11375	0.330	ng	# 76
18) Fluorene	15.435	166	20819	0.469	ng	# 77
23) Atrazine	16.602	200	209	0.026	ng	# 9
25) Phenanthrene	17.186	178	221159	3.939	ng	97
26) Anthracene	17.186	178	219871	4.542	ng	98
28) Fluoranthene	19.206	202	138670	2.324	ng	98
30) Pyrene	19.568	202	127993	1.817	ng	# 96
32) Benzo(a)anthracene	21.322	228	65697	1.188	ng	# 92
33) Chrysene	21.366	228	80947	1.330	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.259	149	12445	0.410	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.940	276	35384	0.398	ng	97
37) Benzo(b)fluoranthene	22.932	252	90674	1.177	ng	# 88
38) Benzo(k)fluoranthene	22.932	252	90674	1.181	ng	# 88
39) Benzo(a)pyrene	23.519	252	51705	0.820	ng	# 89
40) Dibenzo(a,h)anthracene	25.949	278	12207	0.178	ng	# 31
41) Benzo(g,h,i)perylene	26.651	276	54379	0.709	ng	95

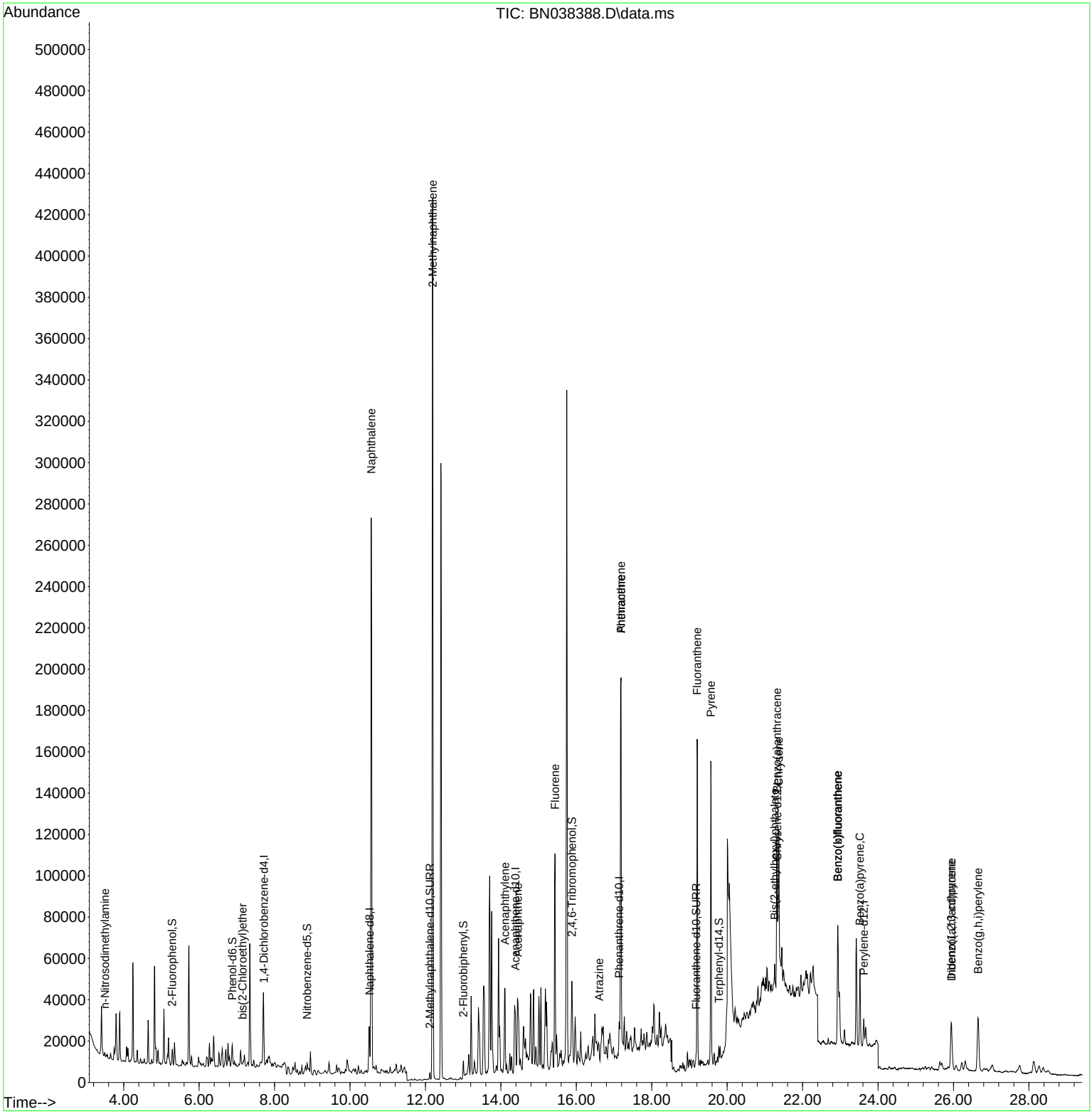
(#) = qualifier out of range (m) = manual integration (+) = signals summed

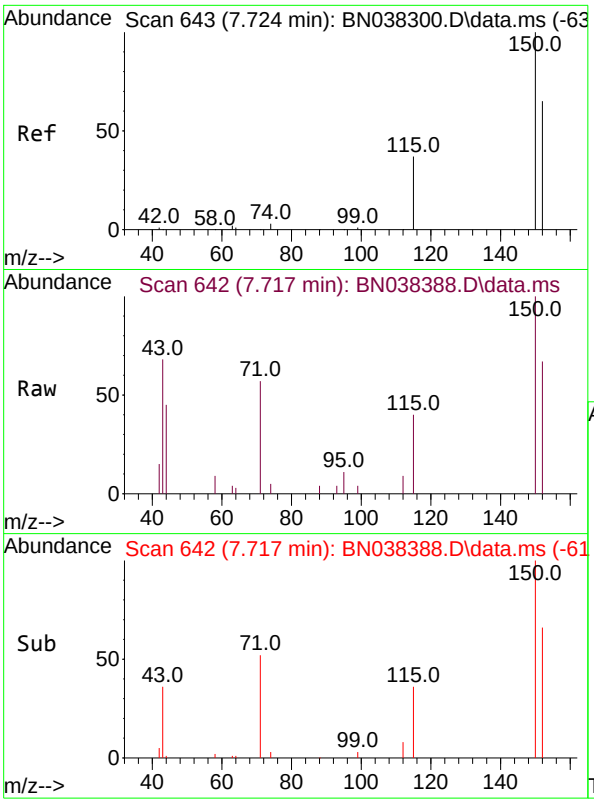
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038388.D
Acq On : 13 Dec 2025 15:52
Operator : RC/JU
Sample : Q3839-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN6

Quant Time: Dec 14 22:24:32 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



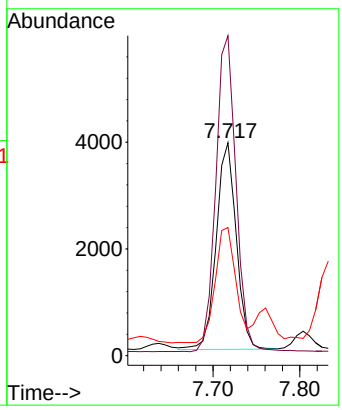


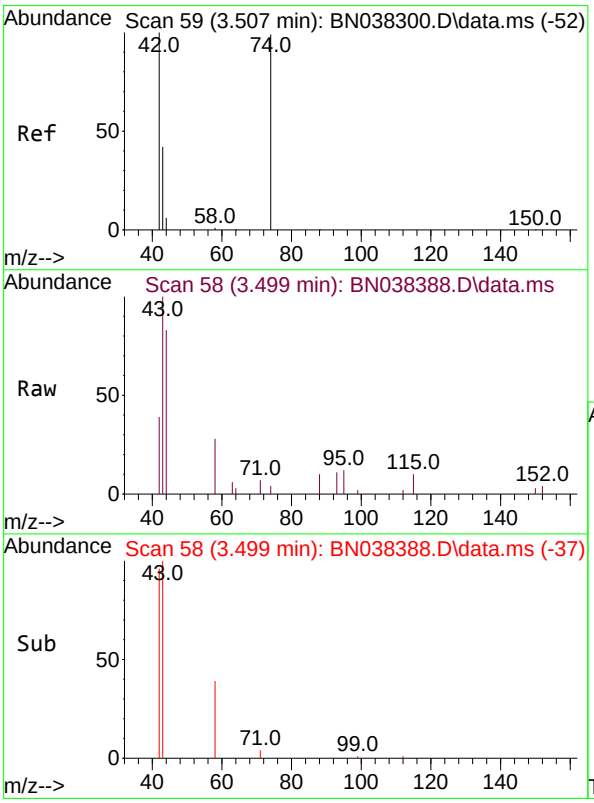
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:152 Resp: 6242

Ion	Ratio	Lower	Upper
152	100		
150	150.3	122.4	183.6
115	60.2	47.3	70.9

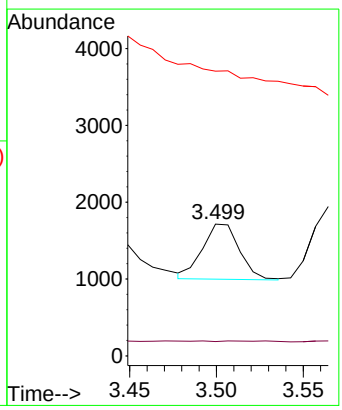


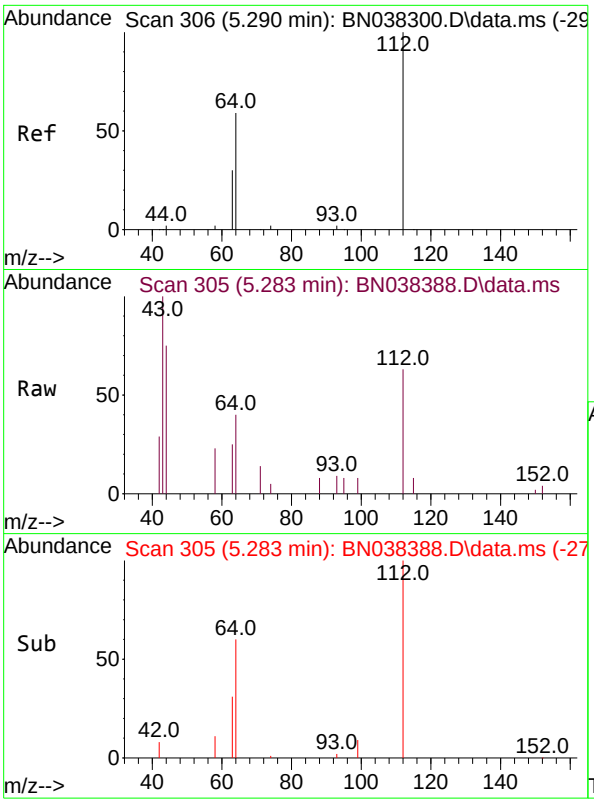


#3
n-Nitrosodimethylamine
Concen: 0.119 ng
RT: 3.499 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion: 42 Resp: 1064

Ion	Ratio	Lower	Upper
42	100		
74	2.0	95.3	142.9#
44	0.0	7.9	11.9#



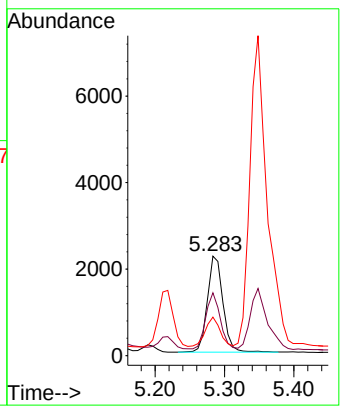


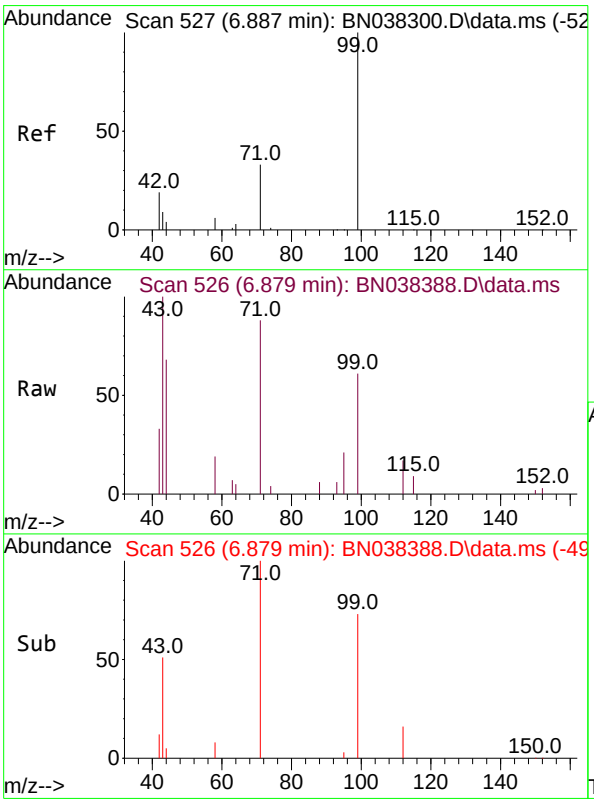
#4
2-Fluorophenol
Concen: 0.223 ng
RT: 5.283 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:112 Resp: 3466

Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.4	66.6
63	29.1	23.4	35.0

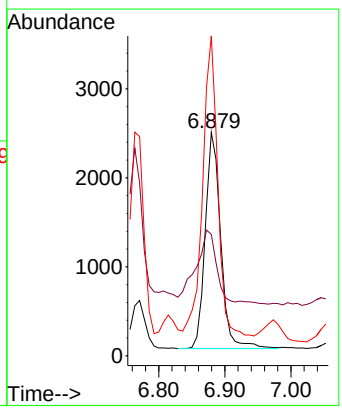


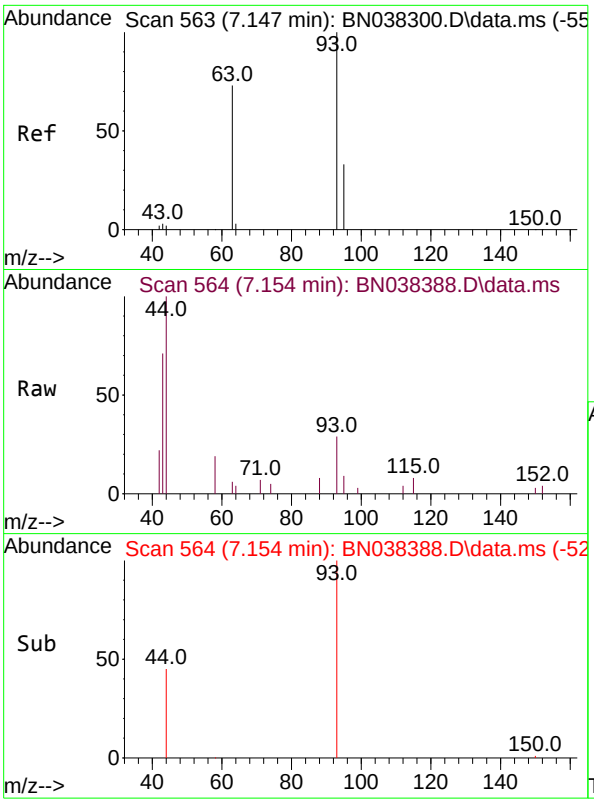


#5
Phenol-d6
Concen: 0.215 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion: 99 Resp: 3971

Ion	Ratio	Lower	Upper
99	100		
42	46.7	16.5	24.7#
71	134.5	24.9	37.3#



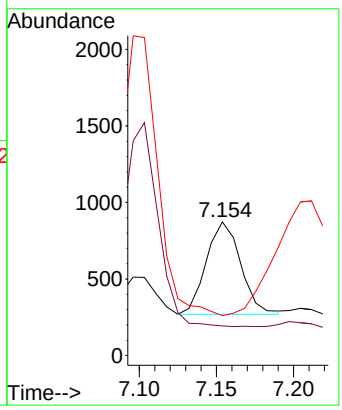


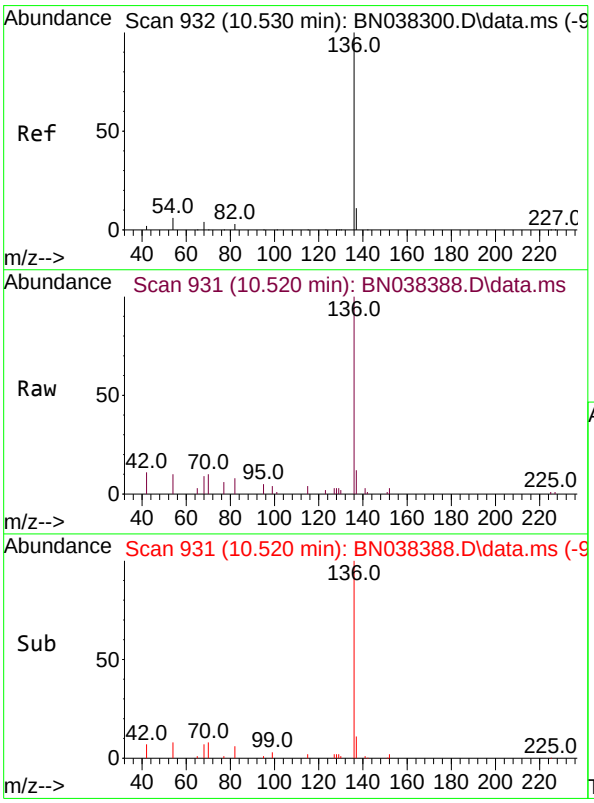
#6
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 7.154 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion: 93 Resp: 938

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

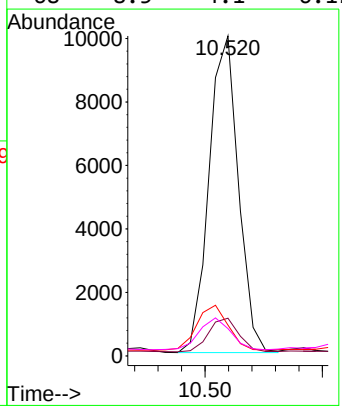


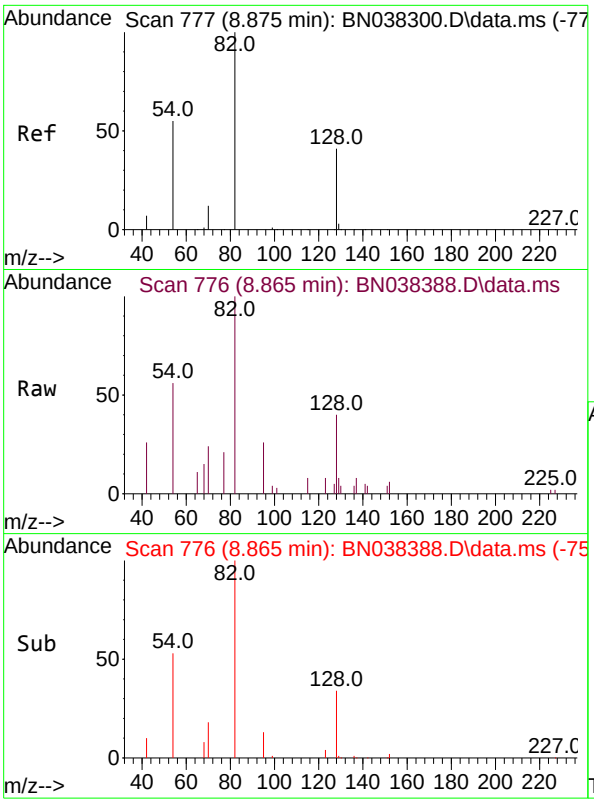


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:136 Resp: 17347

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	9.6	5.2	7.8#
68	8.5	4.1	6.1#



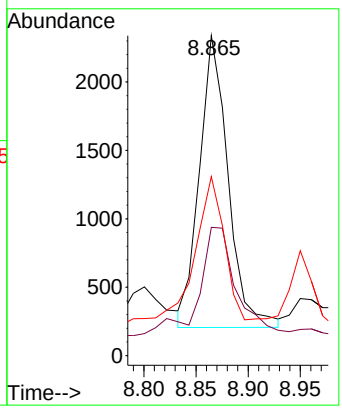


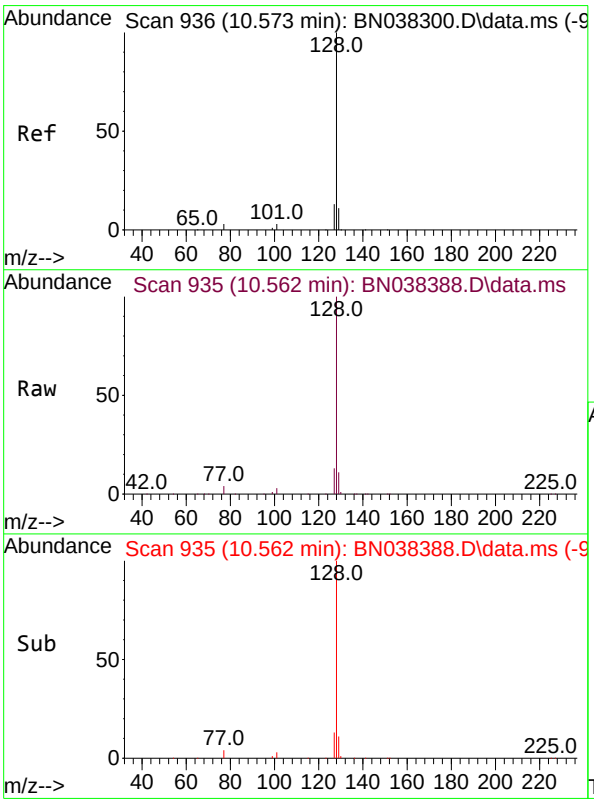
#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 8.865 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion: 82 Resp: 4085

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	55.9	44.4	66.6

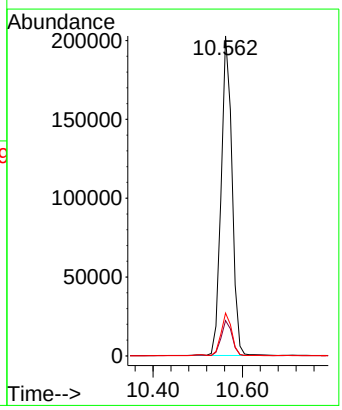


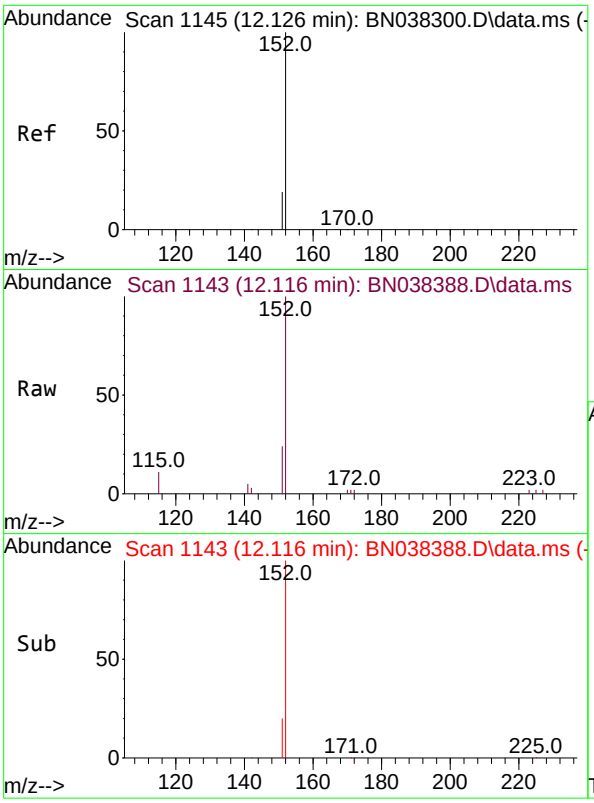


#9
Naphthalene
Concen: 6.641 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:128 Resp: 340548

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.4	10.9	16.3



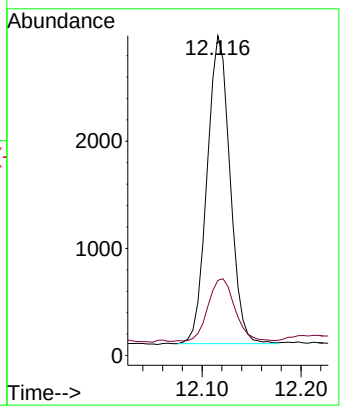


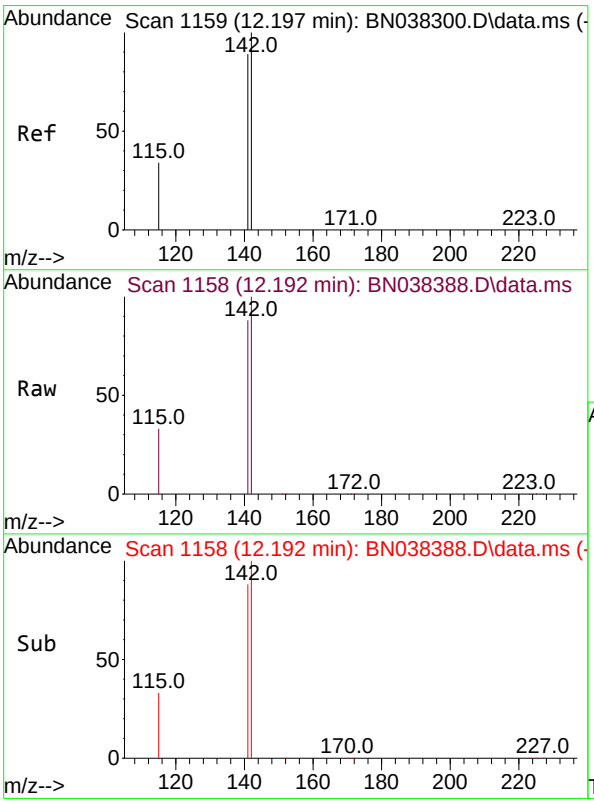
#11
2-Methylnaphthalene-d10
Concen: 0.189 ng
RT: 12.116 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:152 Resp: 4633

Ion	Ratio	Lower	Upper
152	100		
151	23.9	17.0	25.6

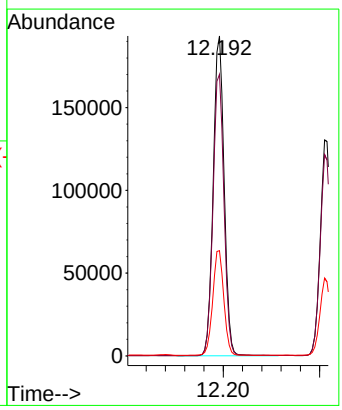


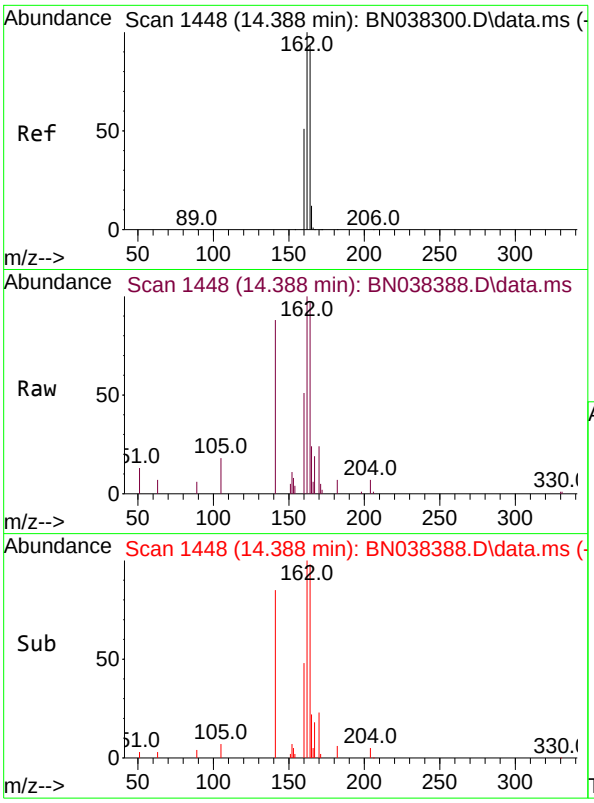


#12
2-Methylnaphthalene
Concen: 9.297 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:142 Resp: 302603

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.2
115	32.9	28.4	42.6



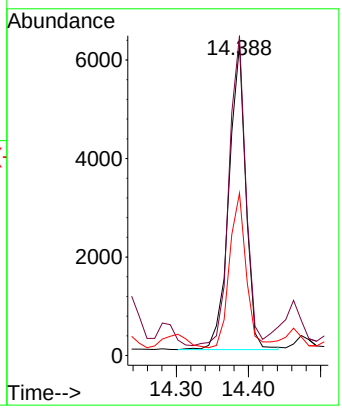


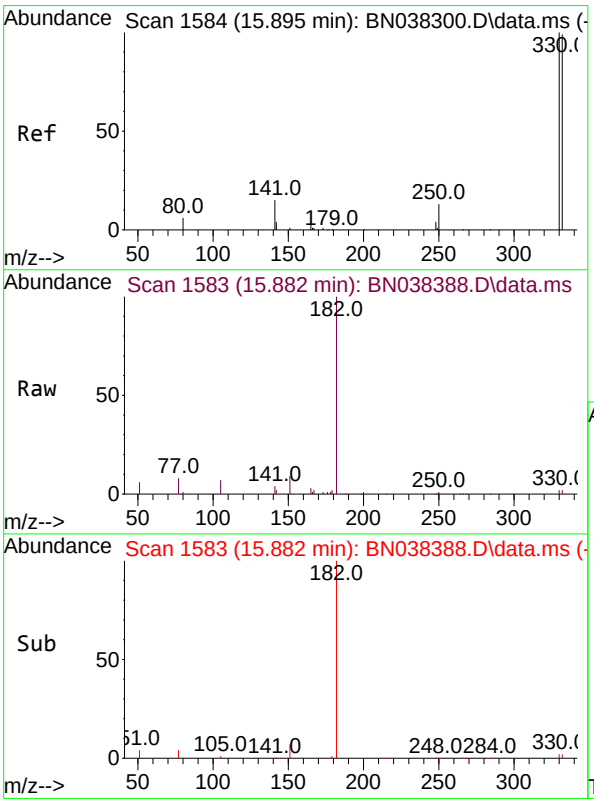
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:164 Resp: 10090

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.2	129.4
160	52.2	44.6	67.0

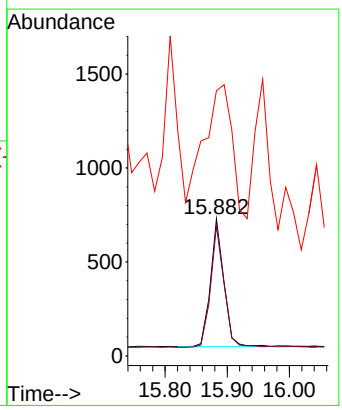


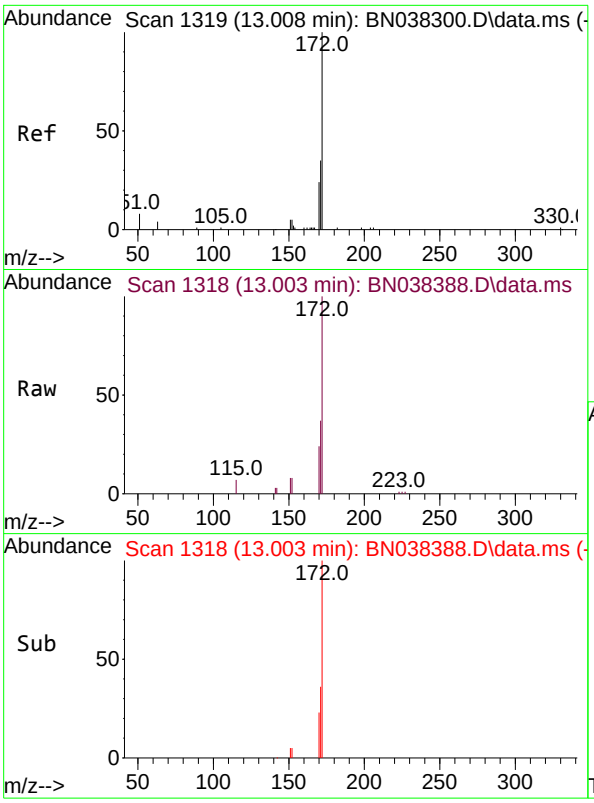


#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:330 Resp: 1022

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.8	113.6
141	241.7	31.8	47.8#



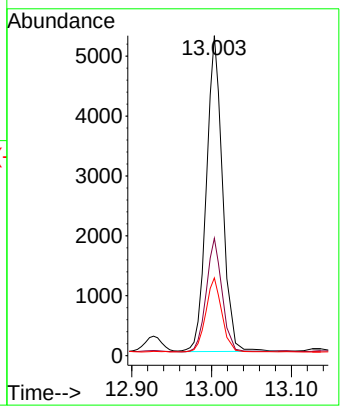


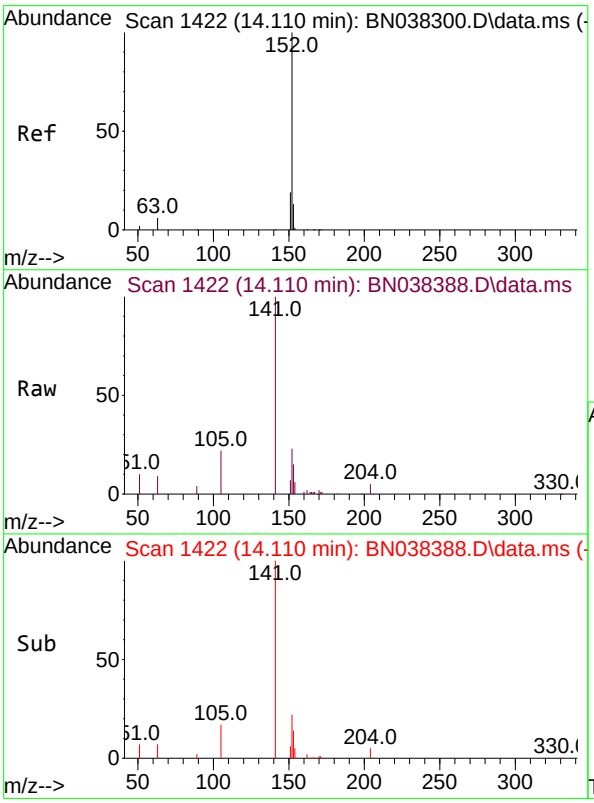
#15
2-Fluorobiphenyl
Concen: 0.184 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:172 Resp: 8928

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	24.3	19.3	28.9

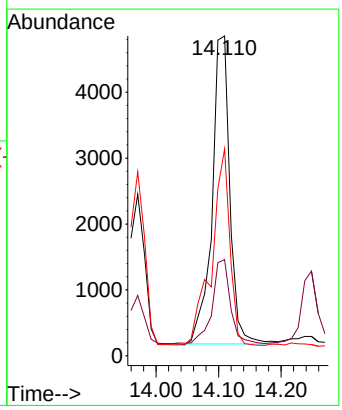


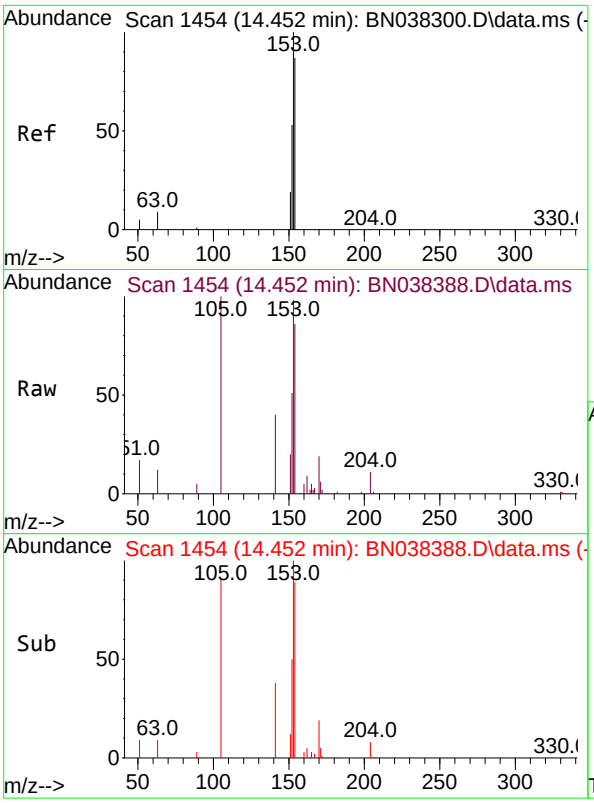


#16
Acenaphthylene
Concen: 0.187 ng
RT: 14.110 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:152 Resp: 9273

Ion	Ratio	Lower	Upper
152	100		
151	27.8	15.4	23.2#
153	65.1	10.2	15.4#



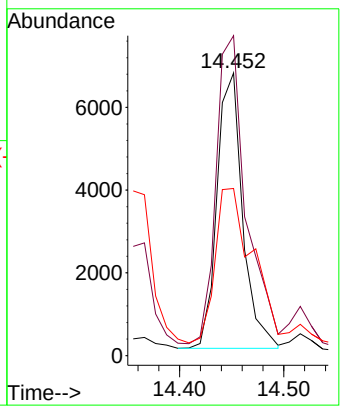


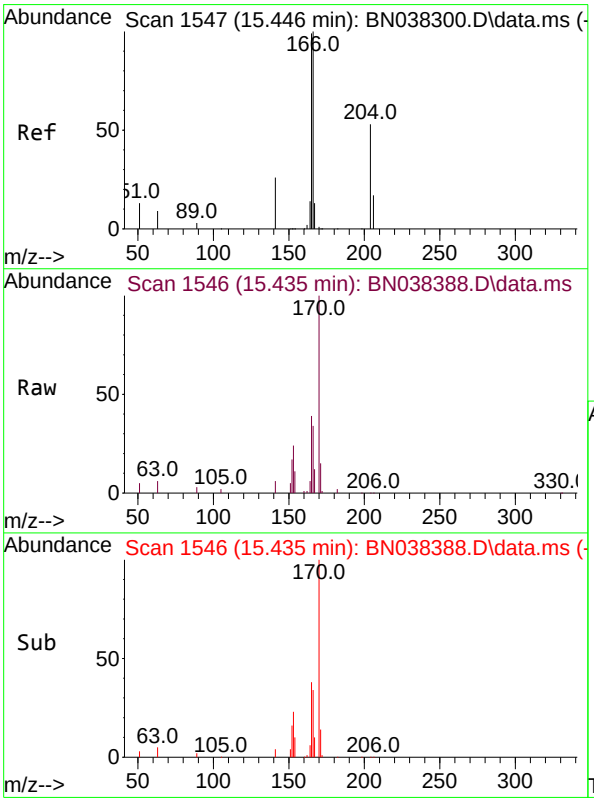
#17
Acenaphthene
Concen: 0.330 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:154 Resp: 11375

Ion	Ratio	Lower	Upper
154	100		
153	133.0	89.8	134.8
152	82.9	47.5	71.3#

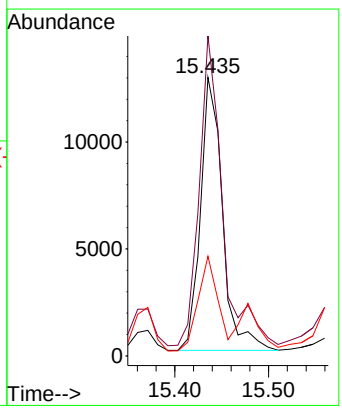


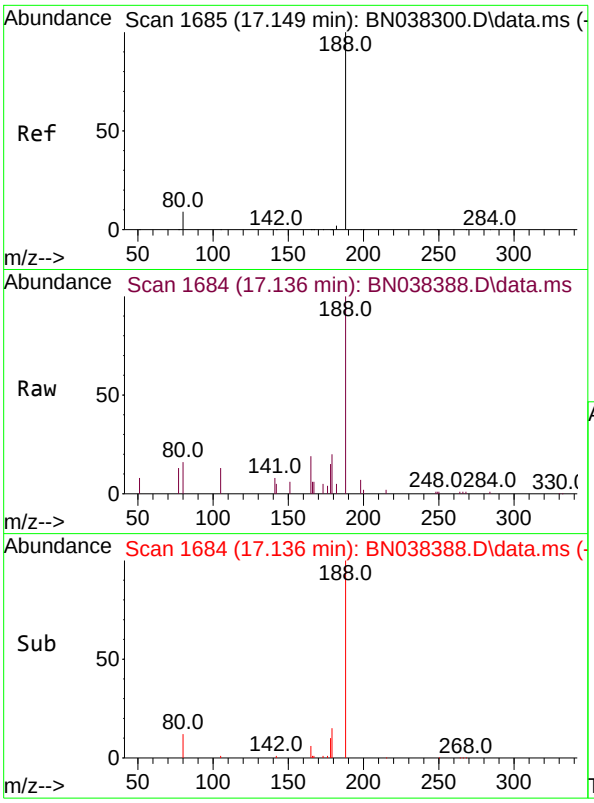


#18
Fluorene
Concen: 0.469 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:166 Resp: 20819

Ion	Ratio	Lower	Upper
166	100		
165	120.0	80.2	120.4
167	31.3	10.6	16.0#



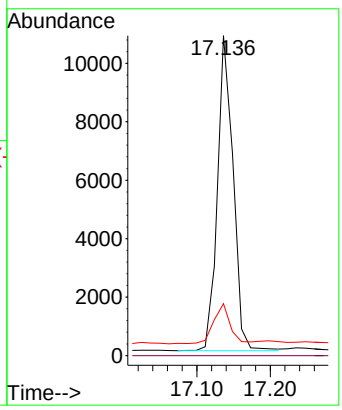


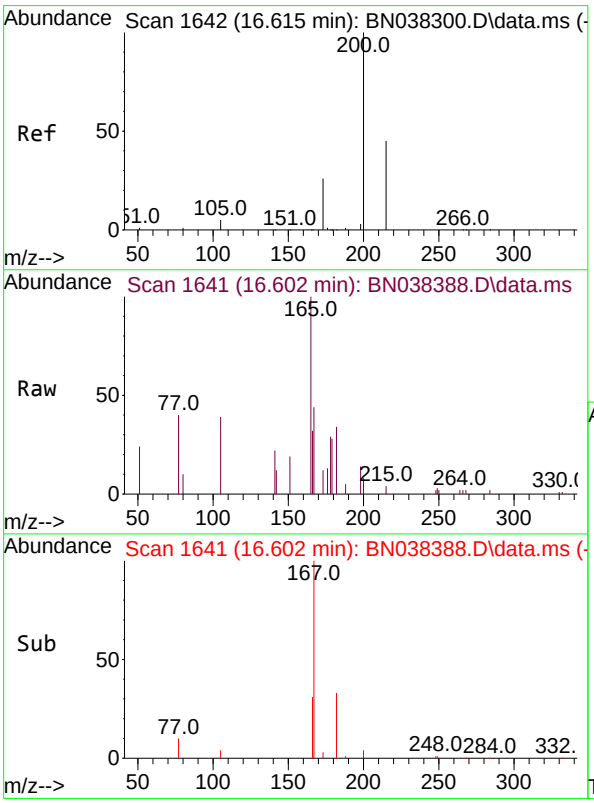
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:188 Resp: 16132

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.2	7.4	11.0#

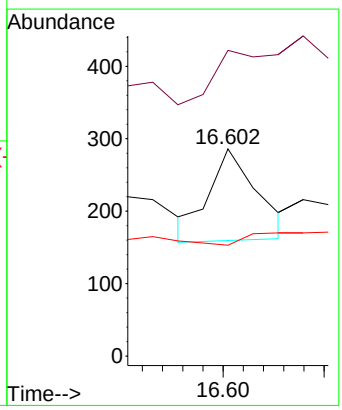


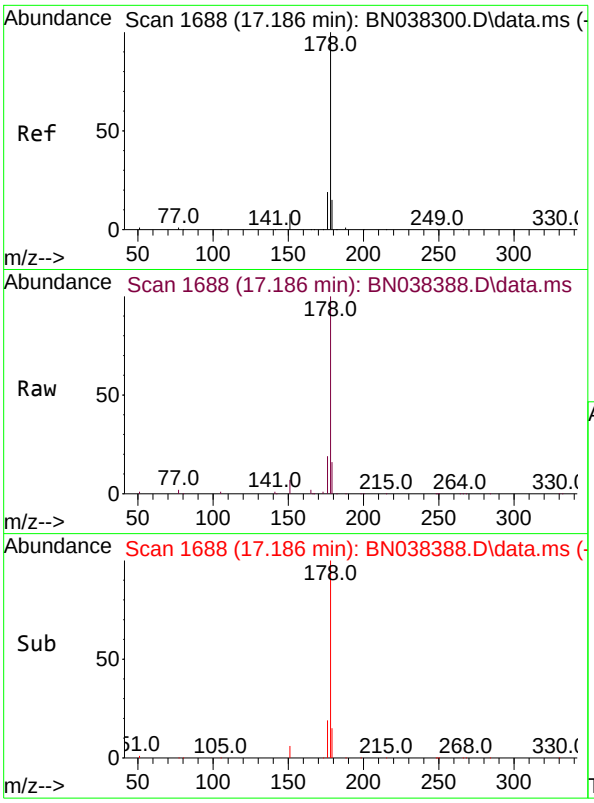


#23
Atrazine
Concen: 0.026 ng
RT: 16.602 min Scan# 1641
Delta R.T. -0.012 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:200 Resp: 209

Ion	Ratio	Lower	Upper
200	100		
173	147.6	22.1	33.1#
215	53.5	37.4	56.2



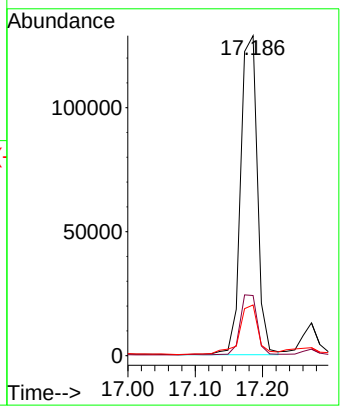


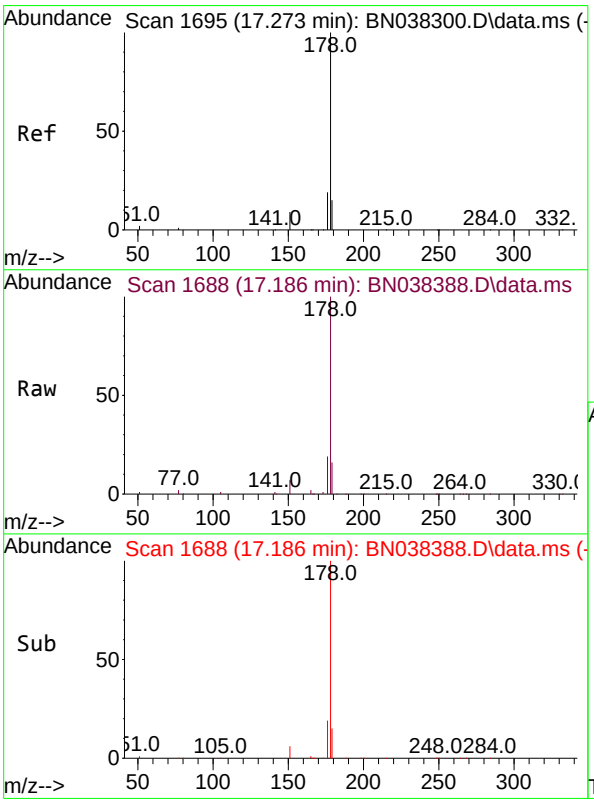
#25
Phenanthrene
Concen: 3.939 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:178 Resp: 221159

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	17.8	12.2	18.2

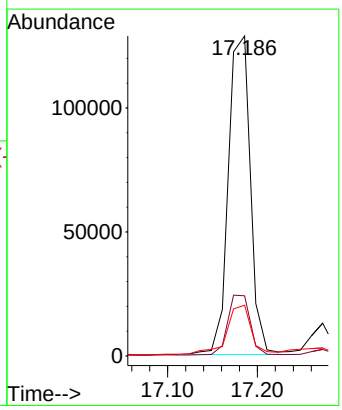


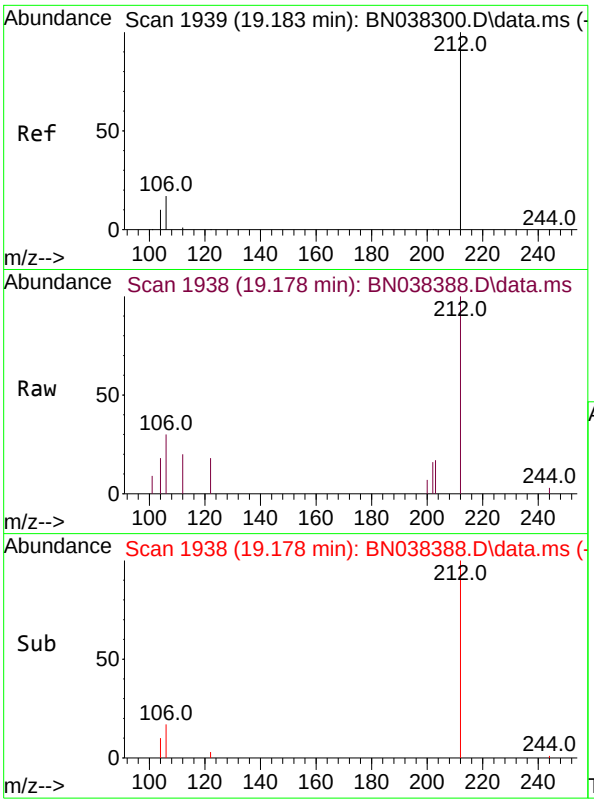


#26
Anthracene
Concen: 4.542 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.099 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:178 Resp: 219871

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	17.0	12.0	18.0



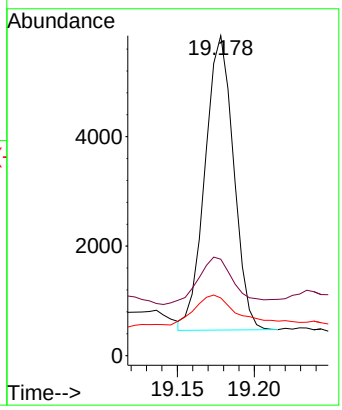


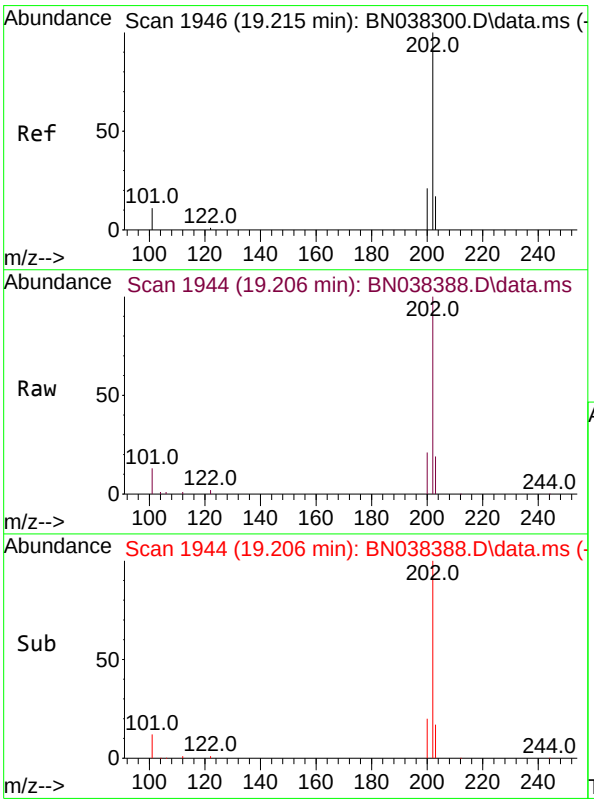
#27
Fluoranthene-d10
Concen: 0.174 ng
RT: 19.178 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:212 Resp: 6941

Ion	Ratio	Lower	Upper
212	100		
106	20.5	13.7	20.5
104	16.1	7.8	11.8#

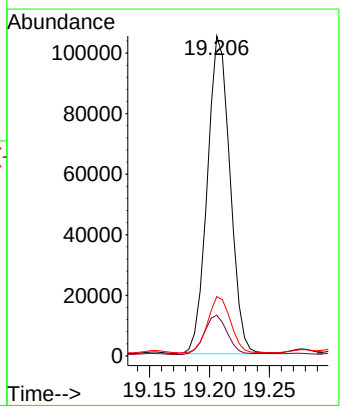


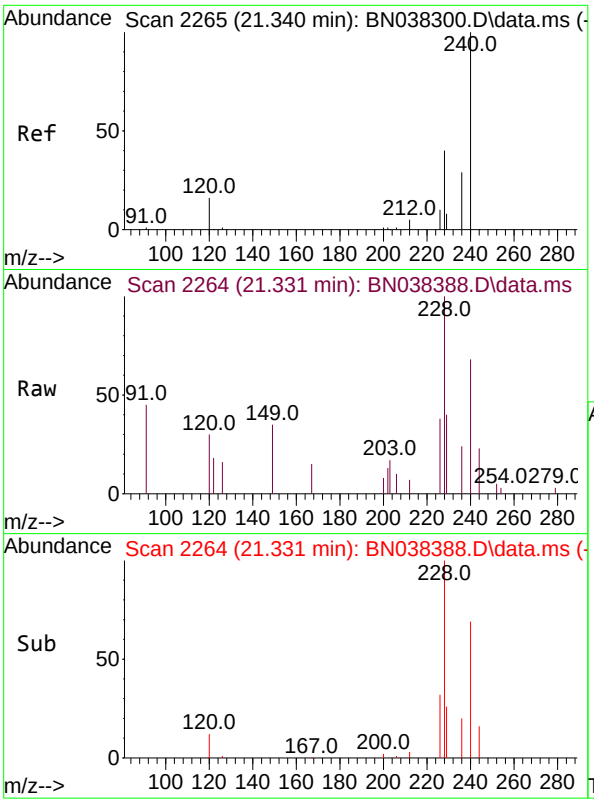


#28
Fluoranthene
Concen: 2.324 ng
RT: 19.206 min Scan# 1944
Delta R.T. -0.014 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:202 Resp: 138670

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.6	14.4
203	17.7	13.5	20.3



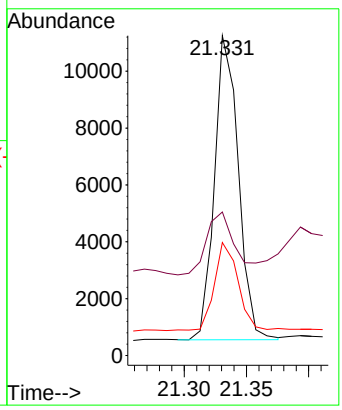


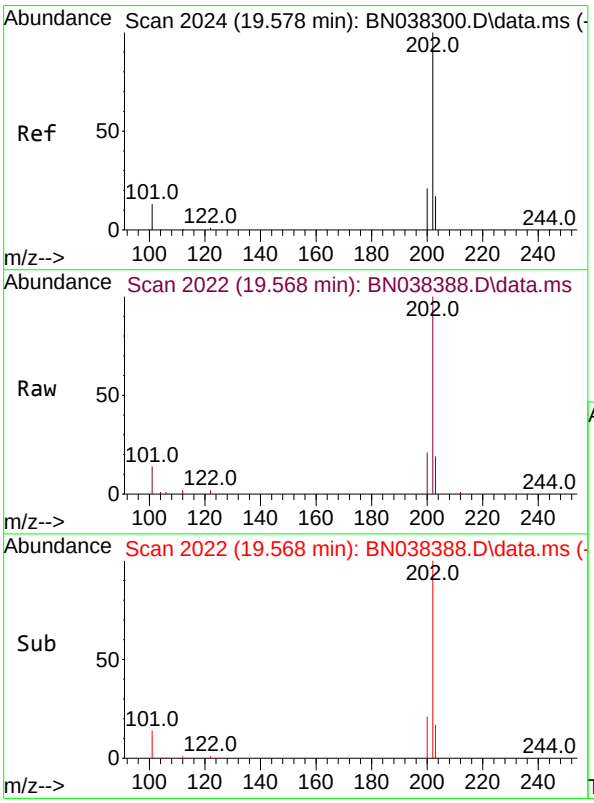
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:240 Resp: 14312

Ion	Ratio	Lower	Upper
240	100		
120	44.9	15.4	23.2#
236	35.3	23.9	35.9

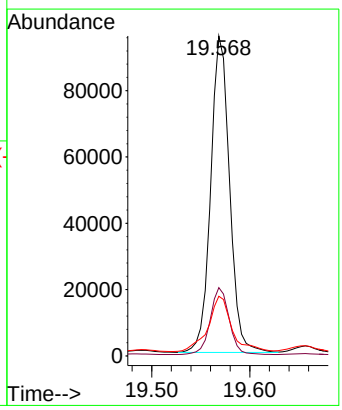


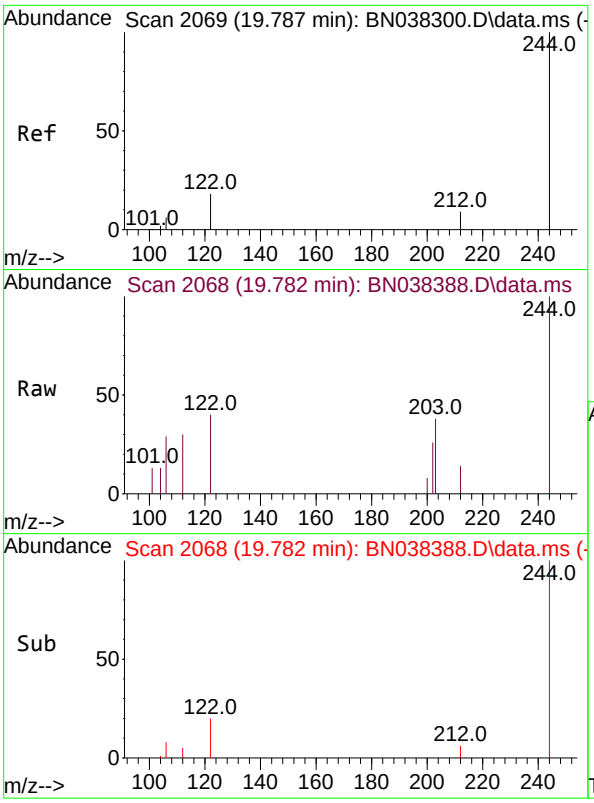


#30
Pyrene
Concen: 1.817 ng
RT: 19.568 min Scan# 2022
Delta R.T. -0.014 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:202 Resp: 127993

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	21.5	14.2	21.2#



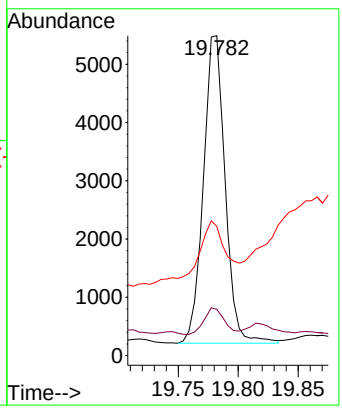


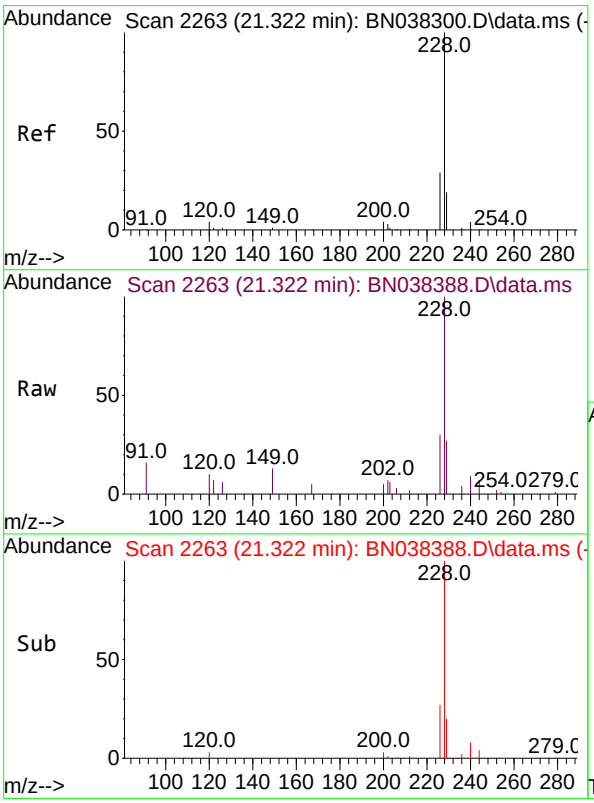
#31
Terphenyl-d14
Concen: 0.209 ng
RT: 19.782 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:244 Resp: 6666

Ion	Ratio	Lower	Upper
244	100		
212	14.5	7.9	11.9#
122	40.4	15.0	22.6#

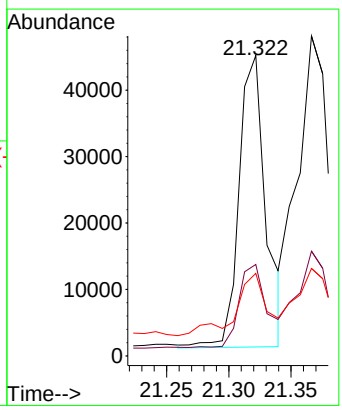


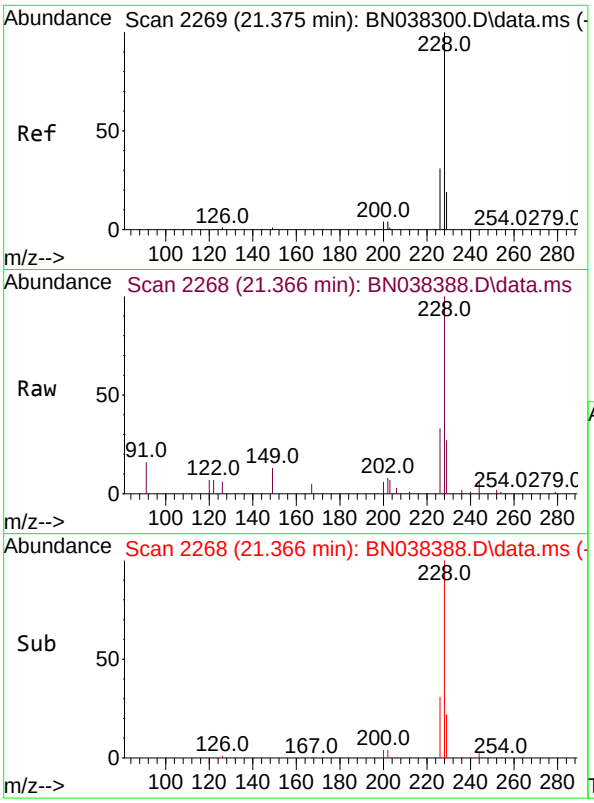


#32
Benzo(a)anthracene
Concen: 1.188 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.009 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:228 Resp: 65697

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.3	34.9
229	27.5	15.7	23.5#



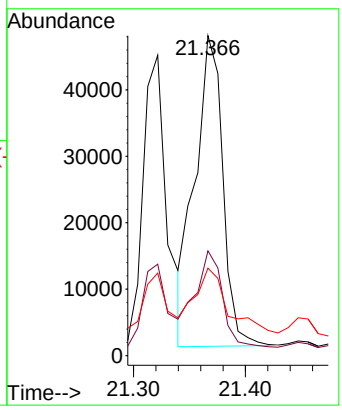


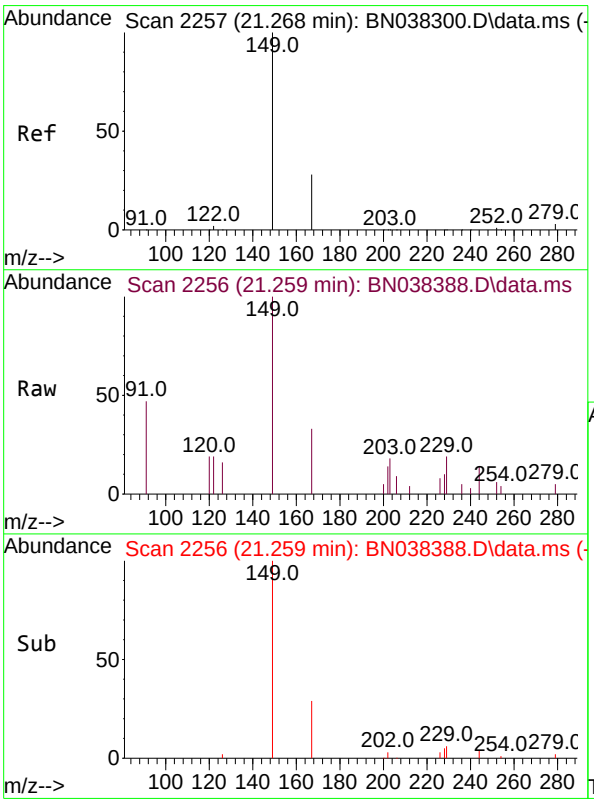
#33
Chrysene
Concen: 1.330 ng
RT: 21.366 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:228 Resp: 80947

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.4
229	27.3	15.5	23.3#

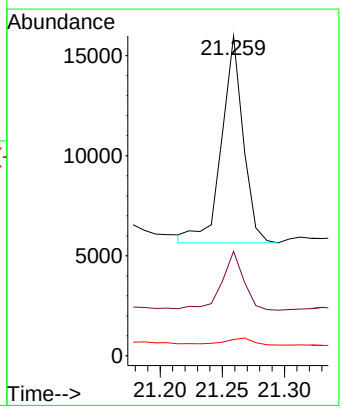


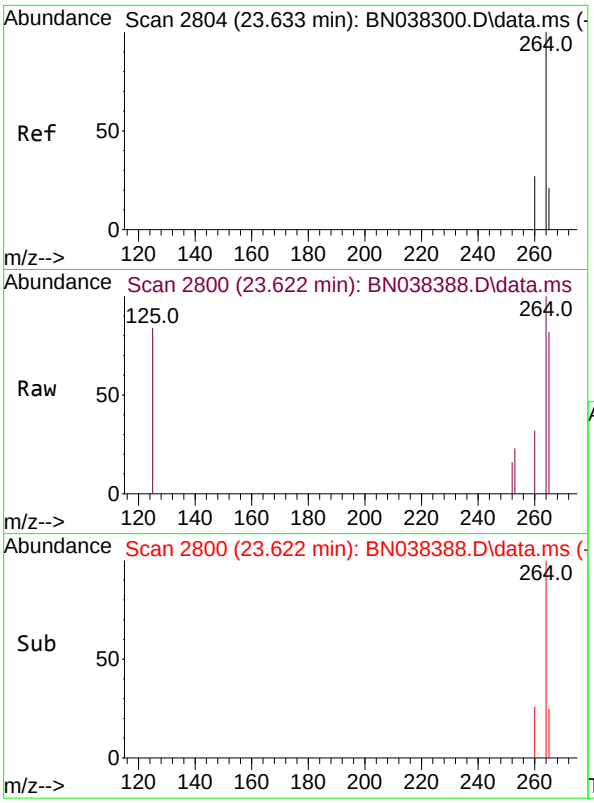


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.410 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:149 Resp: 12445

Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.4	32.0
279	4.3	2.4	3.6#



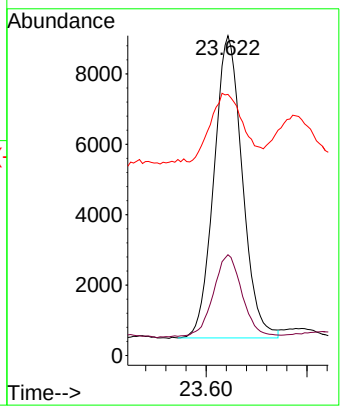


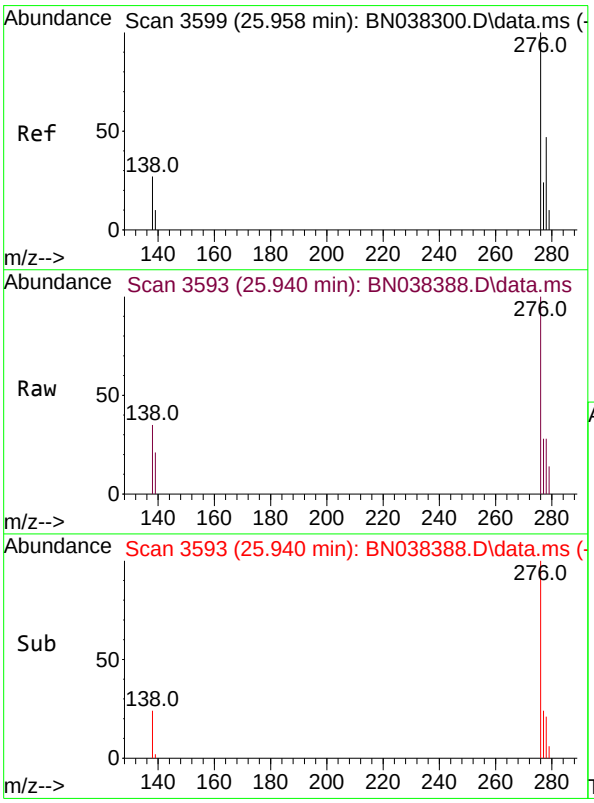
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 28
Delta R.T. -0.012 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:264 Resp: 16769

Ion	Ratio	Lower	Upper
264	100		
260	31.5	22.2	33.2
265	81.6	80.2	120.2

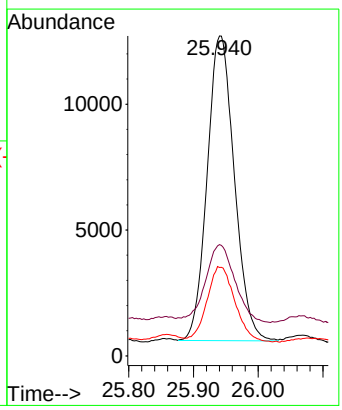


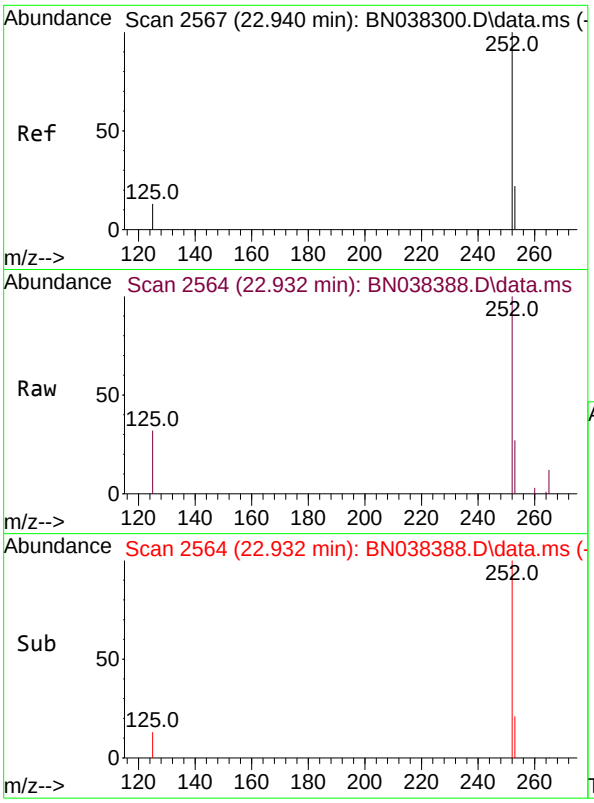


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 25.940 min Scan# 3593
Delta R.T. -0.023 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:276 Resp: 35384

Ion	Ratio	Lower	Upper
276	100		
138	27.5	23.6	35.4
277	25.4	19.7	29.5



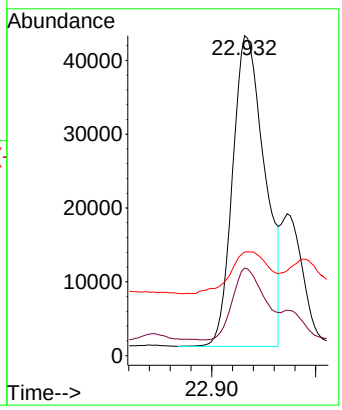


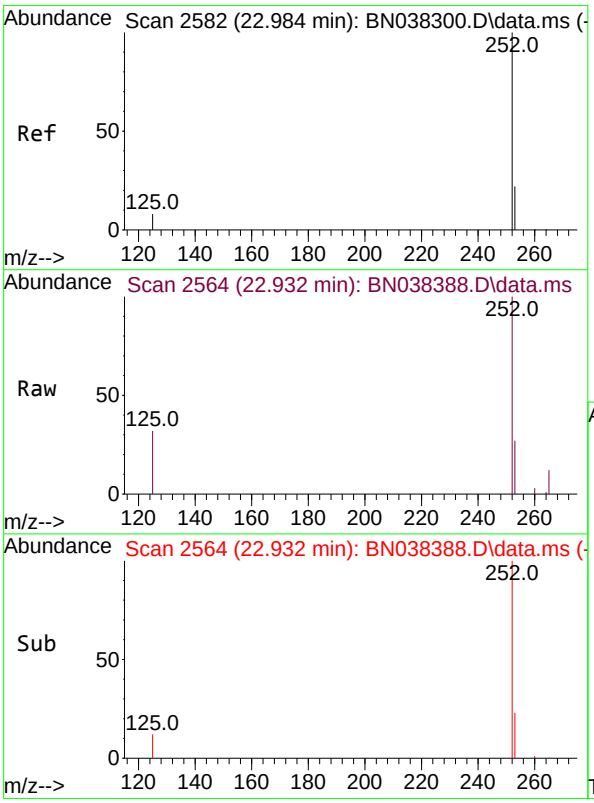
#37
Benzo(b)fluoranthene
Concen: 1.177 ng
RT: 22.932 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:252 Resp: 90674

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.1	31.7
125	32.3	16.4	24.6#

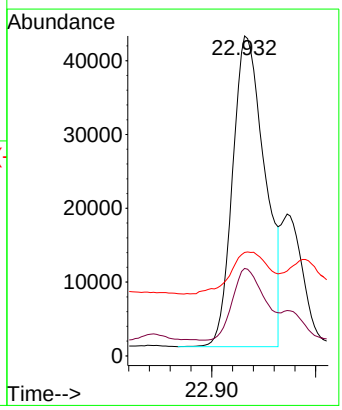


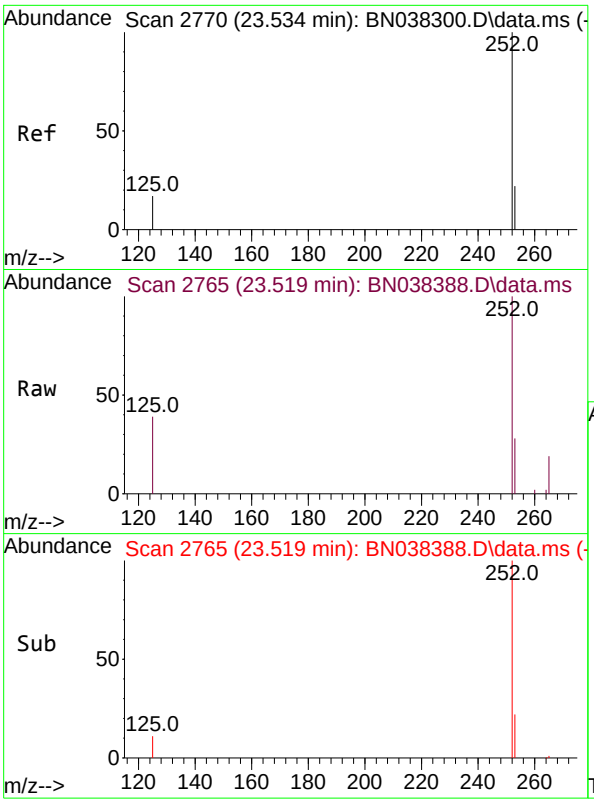


#38
Benzo(k)fluoranthene
Concen: 1.181 ng
RT: 22.932 min Scan# 2564
Delta R.T. -0.058 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:252 Resp: 90674

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.4	32.0
125	32.3	16.2	24.2#



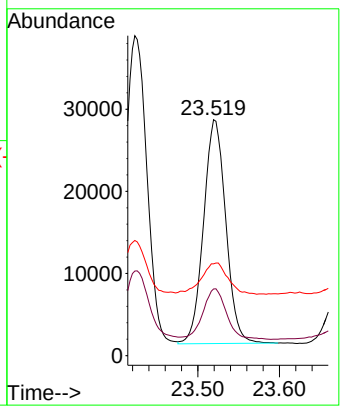


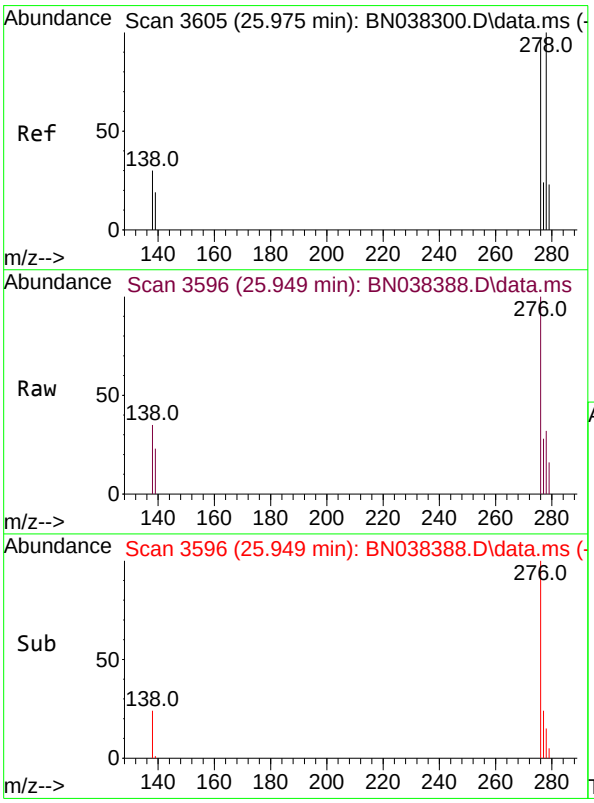
#39
Benzo(a)pyrene
Concen: 0.820 ng
RT: 23.519 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:252 Resp: 51705

Ion	Ratio	Lower	Upper
252	100		
253	28.2	23.3	34.9
125	38.9	22.4	33.6#

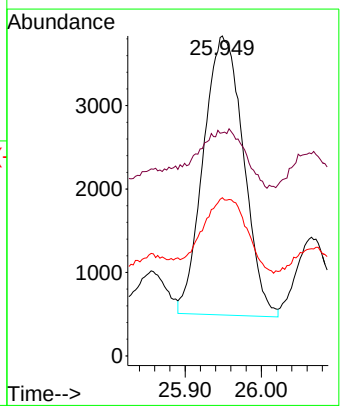


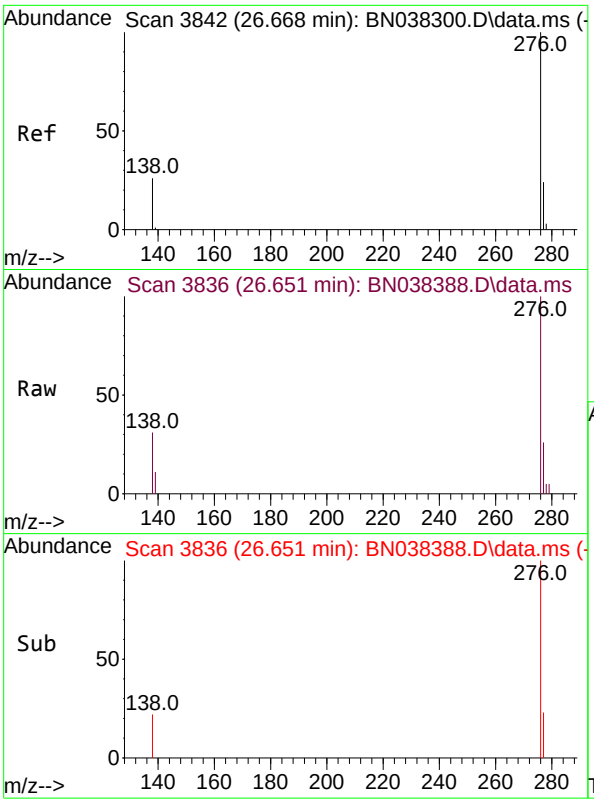


#40
Dibenzo(a,h)anthracene
Concen: 0.178 ng
RT: 25.949 min Scan# 3596
Delta R.T. -0.032 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Tgt Ion:278 Resp: 12207

Ion	Ratio	Lower	Upper
278	100		
139	69.7	17.8	26.8#
279	49.4	21.3	31.9#





#41
Benzo(g,h,i)perylene
Concen: 0.709 ng
RT: 26.651 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN038388.D
Acq: 13 Dec 2025 15:52

Instrument :
BNA_N
ClientSampleId :
C0AN6

Tgt Ion:276 Resp: 54379

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.0	30.0
138	31.2	21.8	32.6