Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038298.D
Acq On : 10 Dec 2025 09:52
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Dec 10 13:58:59 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	7.724	152	6259	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	16430	0.400	ng		#-0.01
13) Acenaphthene-d10	14.388	164	8491	0.400	ng		-0.01
19) Phenanthrene-d10	17.149	188	15796	0.400	ng		0.00
29) Chrysene-d12	21.340	240	11291	0.400	ng		0.00
35) Perylene-d12	23.633	264	10537	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	1492	0.096	ng		0.00
5) Phenol-d6	6.887	99	1718	0.093	ng		0.00
8) Nitrobenzene-d5	8.875	82	1335	0.096	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	2230	0.096	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	351	0.093	ng		0.00
15) 2-Fluorobiphenyl	13.009	172	4119	0.101	ng		0.00
27) Fluoranthene-d10	19.188	212	3672	0.094	ng		0.00
31) Terphenyl-d14	19.787	244	2576	0.102	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.147	93	1809	0.100	ng		99
9) Naphthalene	10.573	128	4821	0.099	ng		96
10) Hexachlorobutadiene	10.872	225	896	0.104	ng	#	99
12) 2-Methylnaphthalene	12.202	142	2965	0.096	ng		98
16) Acenaphthylene	14.110	152	4012	0.096	ng		99
17) Acenaphthene	14.452	154	2783	0.096	ng		95
18) Fluorene	15.446	166	3800	0.102	ng		98
21) 4-Bromophenyl-phenylether	16.342	248	1138	0.097	ng		96
22) Hexachlorobenzene	16.454	284	1462	0.104	ng		97
23) Atrazine	16.615	200	727	0.091	ng	#	94
25) Phenanthrene	17.186	178	5585	0.102	ng		100
26) Anthracene	17.273	178	4544	0.096	ng		99
28) Fluoranthene	19.215	202	5615	0.096	ng		99
30) Pyrene	19.578	202	5753	0.103	ng		100
32) Benzo(a)anthracene	21.331	228	4166	0.096	ng		98
33) Chrysene	21.375	228	4665	0.097	ng		98
36) Indeno(1,2,3-cd)pyrene	25.967	276	4777	0.085	ng		98
37) Benzo(b)fluoranthene	22.943	252	4408	0.091	ng	#	64
38) Benzo(k)fluoranthene	22.990	252	4206	0.087	ng	#	62
39) Benzo(a)pyrene	23.534	252	3570	0.090	ng	#	55
40) Dibenzo(a,h)anthracene	25.987	278	3677	0.085	ng	#	75
41) Benzo(g,h,i)perylene	26.671	276	4274	0.089	ng	#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
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Misc :
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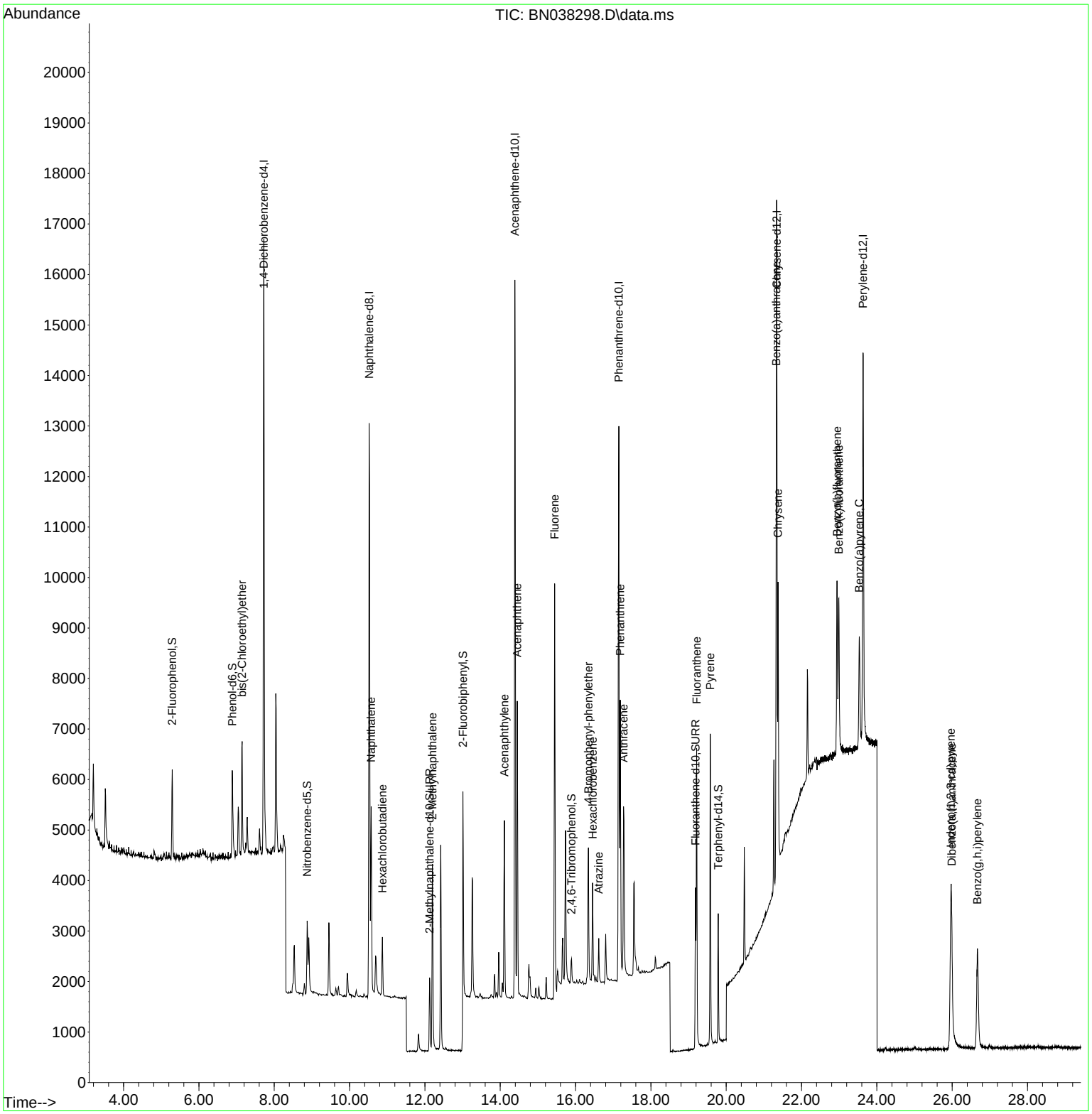
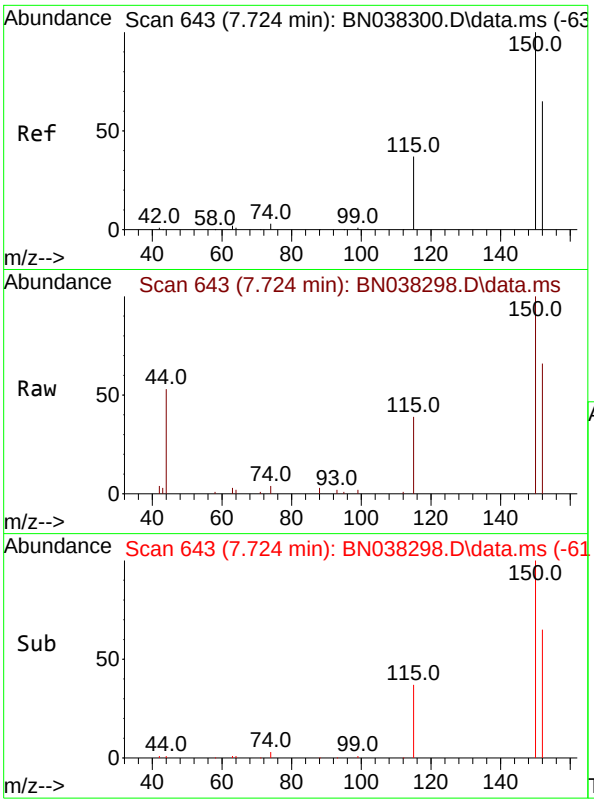
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Dec 10 13:58:59 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



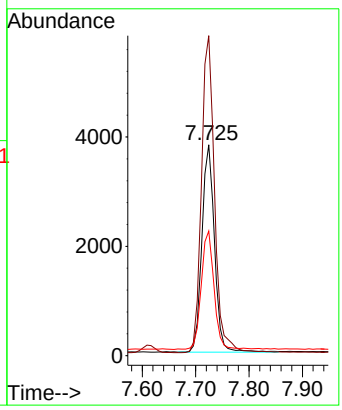


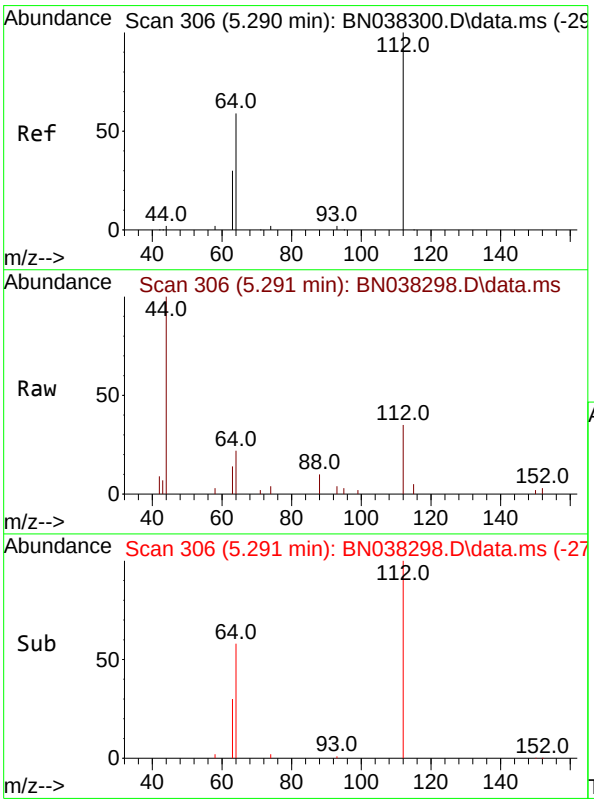
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 6259

Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.4	183.6
115	59.1	47.3	70.9

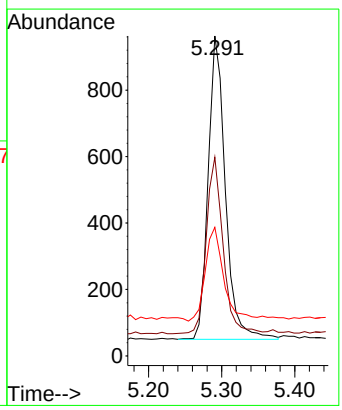


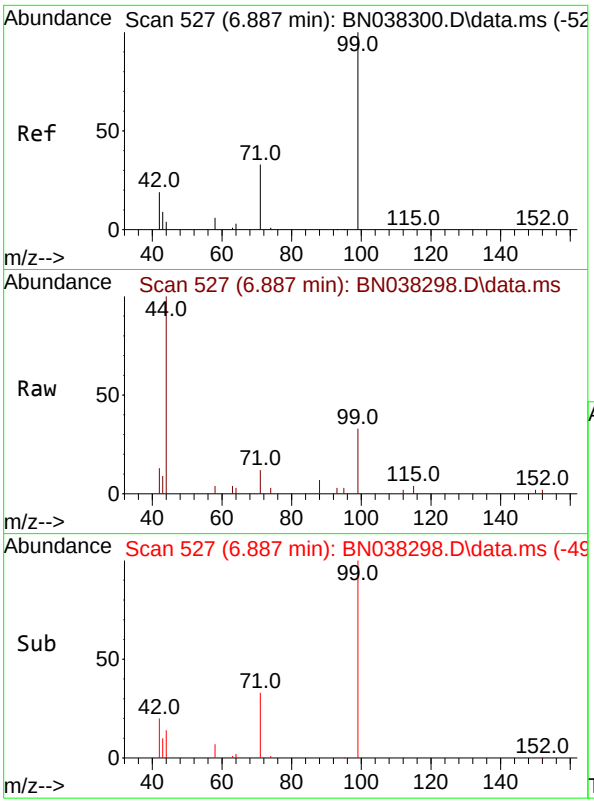


#4
2-Fluorophenol
Concen: 0.096 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:112 Resp: 1492

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.4	66.6
63	33.1	23.4	35.0



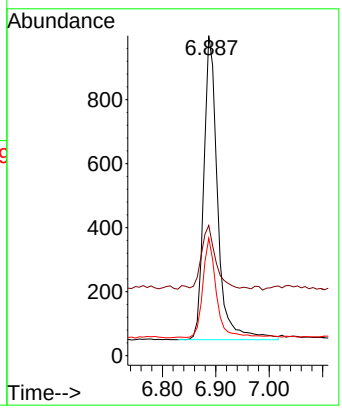


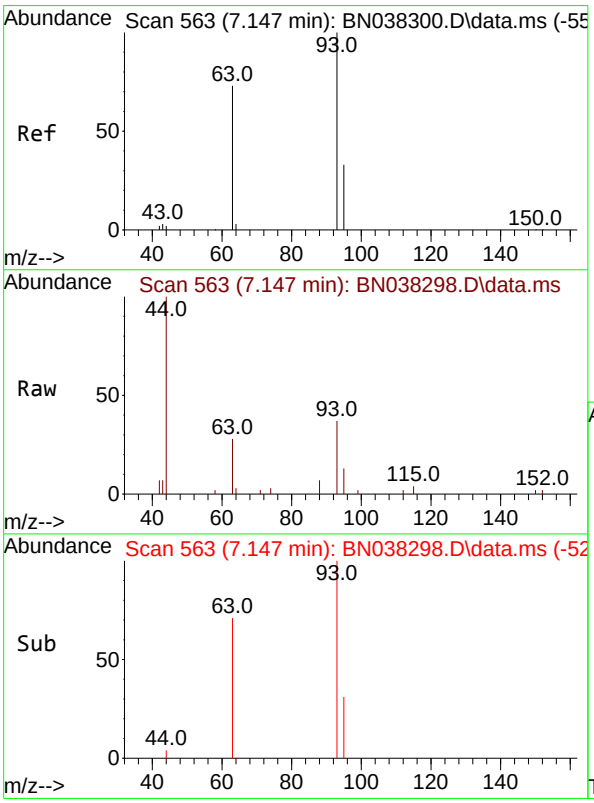
#5
Phenol-d6
Concen: 0.093 ng
RT: 6.887 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1718

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.5	24.7
71	32.3	24.9	37.3

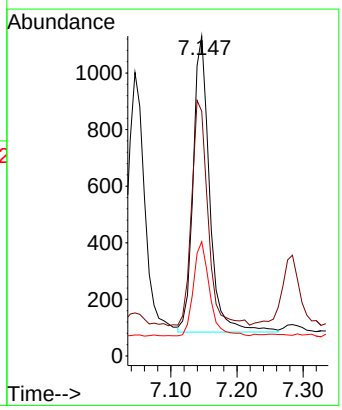


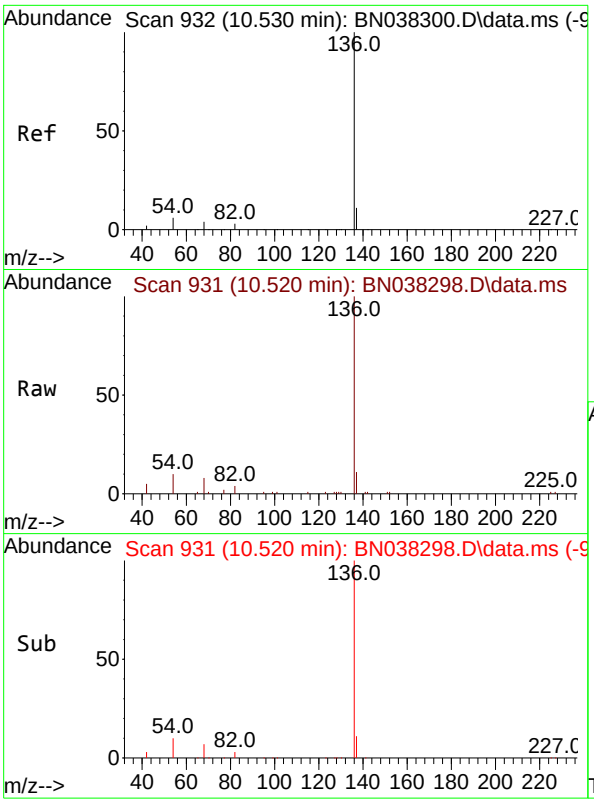


#6
bis(2-Chloroethyl)ether
Concen: 0.100 ng
RT: 7.147 min Scan# 563
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion: 93 Resp: 1809

Ion	Ratio	Lower	Upper
93	100		
63	75.2	59.2	88.8
95	31.2	25.2	37.8



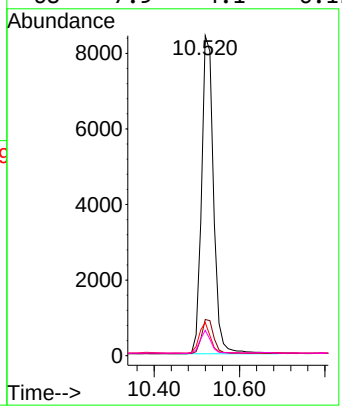


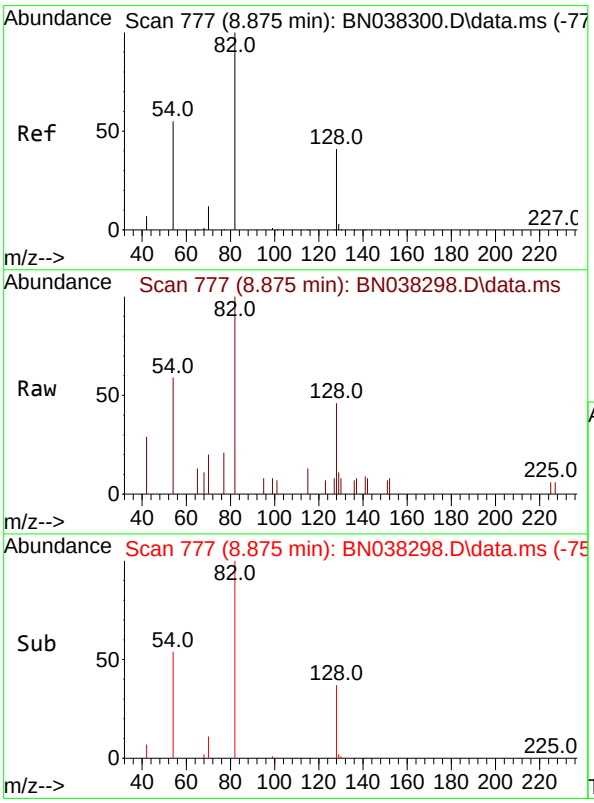
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 16430

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.4	5.2	7.8#
68	7.9	4.1	6.1#

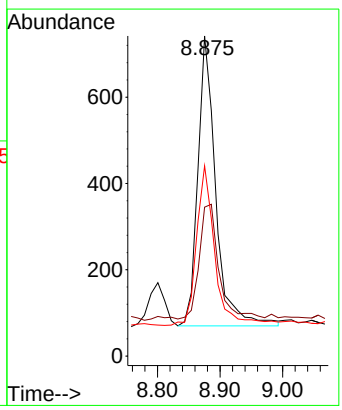


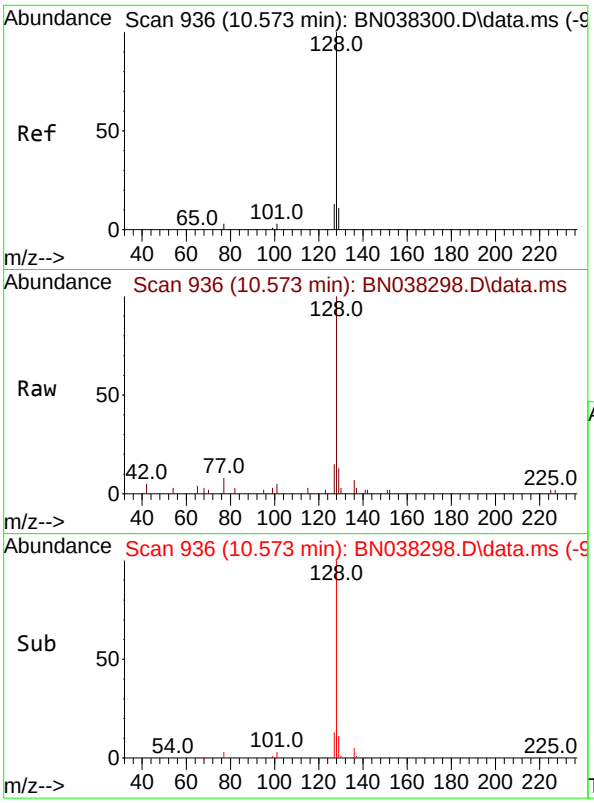


#8
Nitrobenzene-d5
Concen: 0.096 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion: 82 Resp: 1335

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	59.4	44.4	66.6



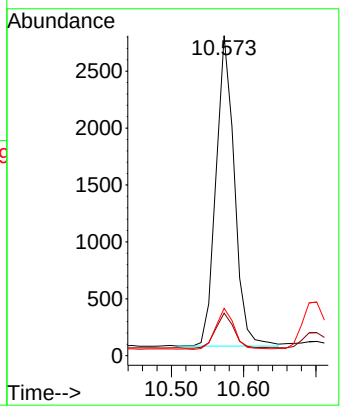


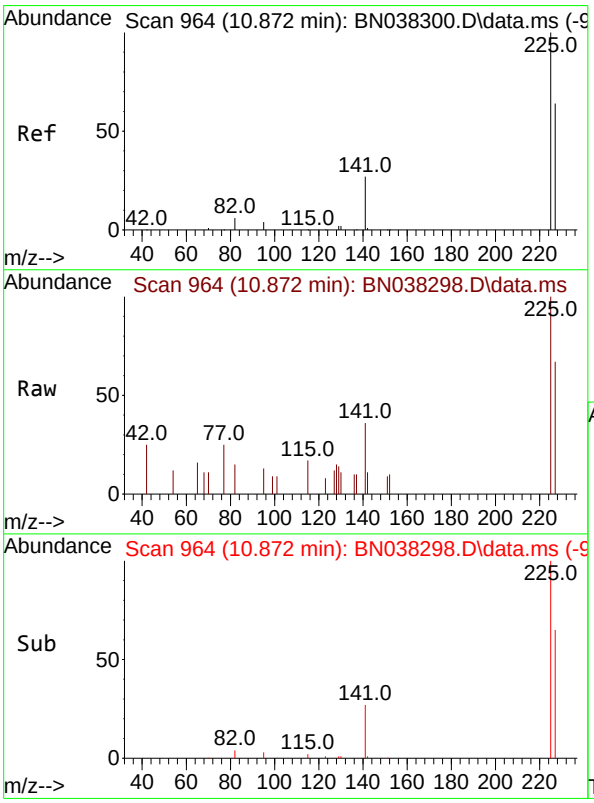
#9
Naphthalene
Concen: 0.099 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 4821

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	14.8	10.9	16.3

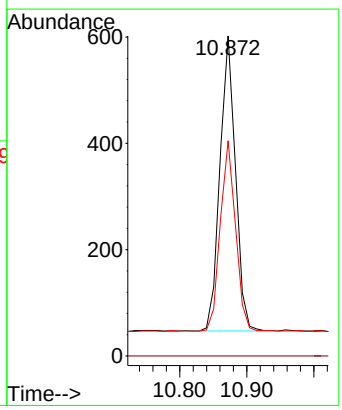


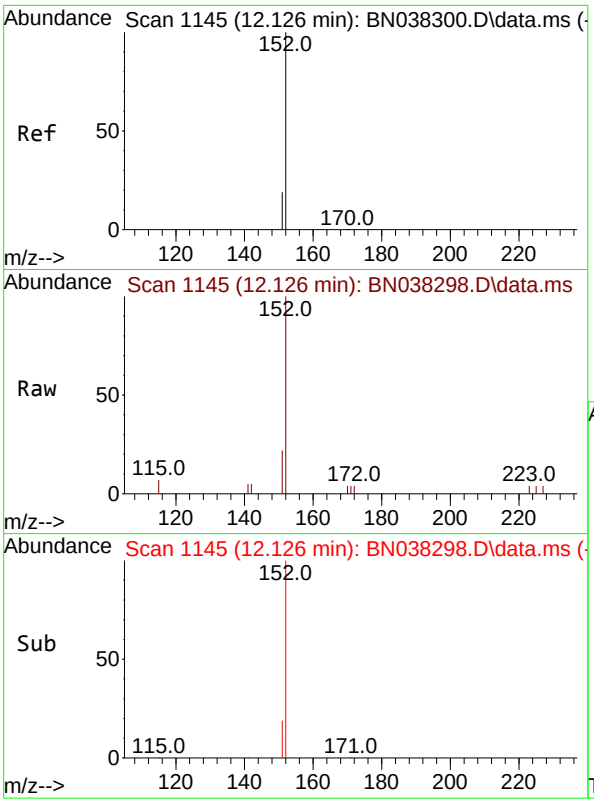


#10
Hexachlorobutadiene
Concen: 0.104 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:225 Resp: 896

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.2	76.8



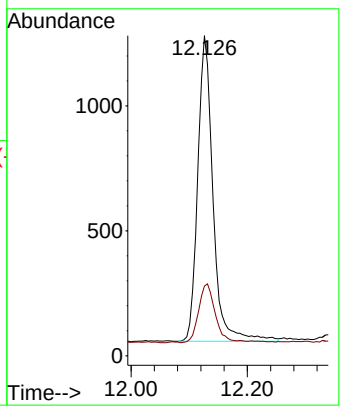


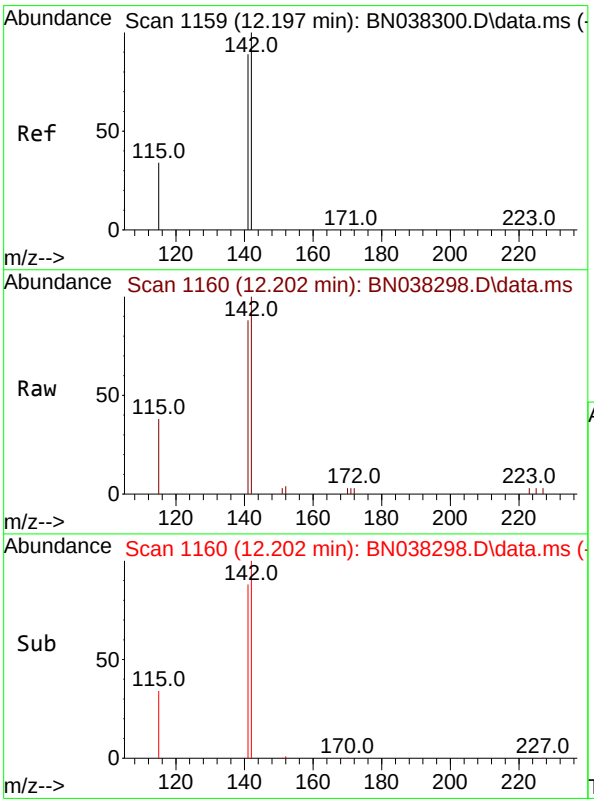
#11
2-Methylnaphthalene-d10
Concen: 0.096 ng
RT: 12.126 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2230

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6

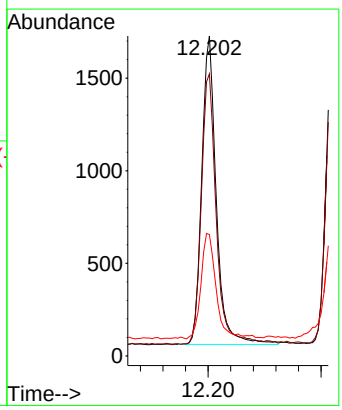


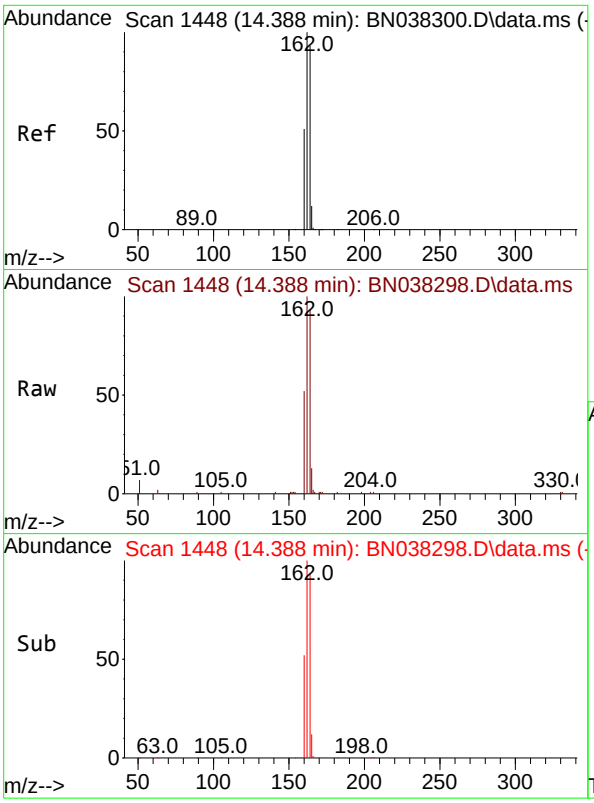


#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.202 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:142 Resp: 2965

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	38.0	28.4	42.6



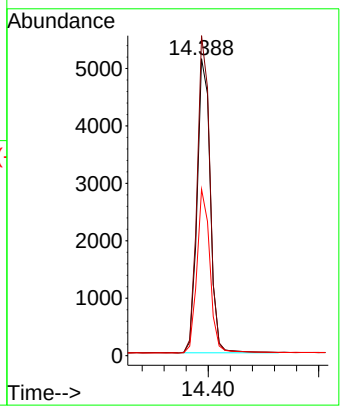


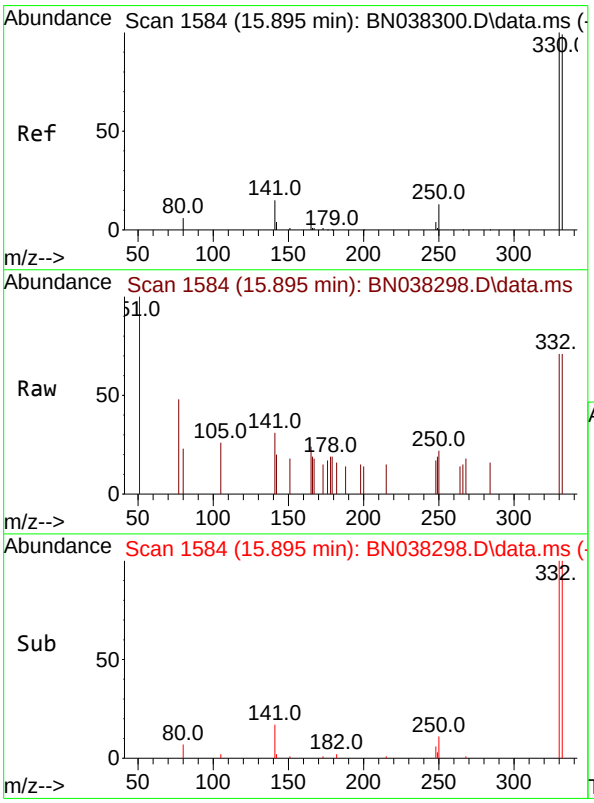
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 8491

Ion	Ratio	Lower	Upper
164	100		
162	107.7	86.2	129.4
160	56.0	44.6	67.0

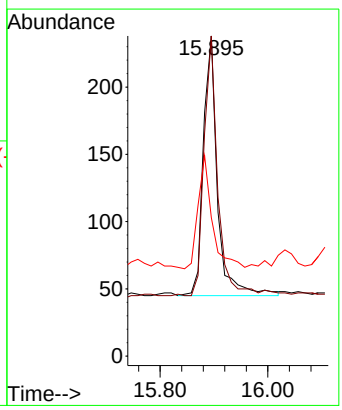


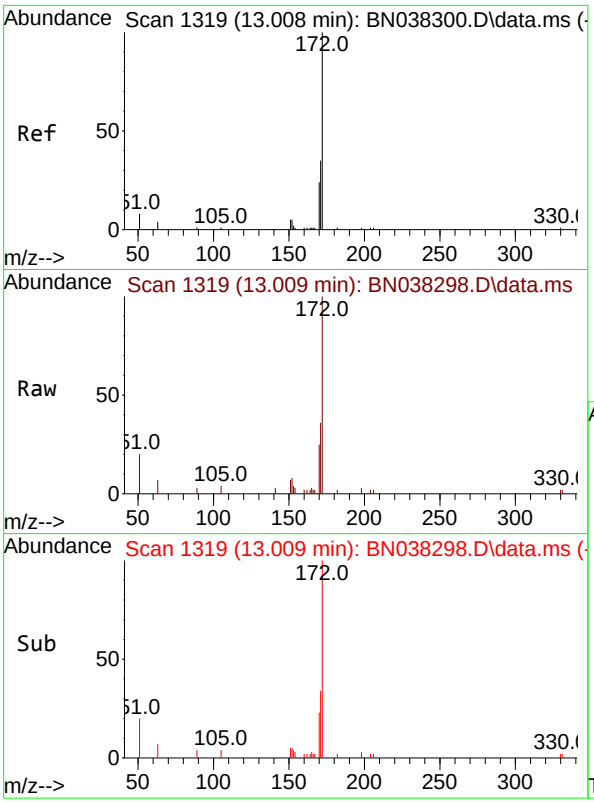


#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:330 Resp: 351

Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.8	113.6
141	43.6	31.8	47.8



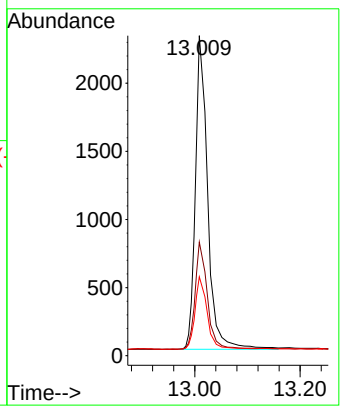


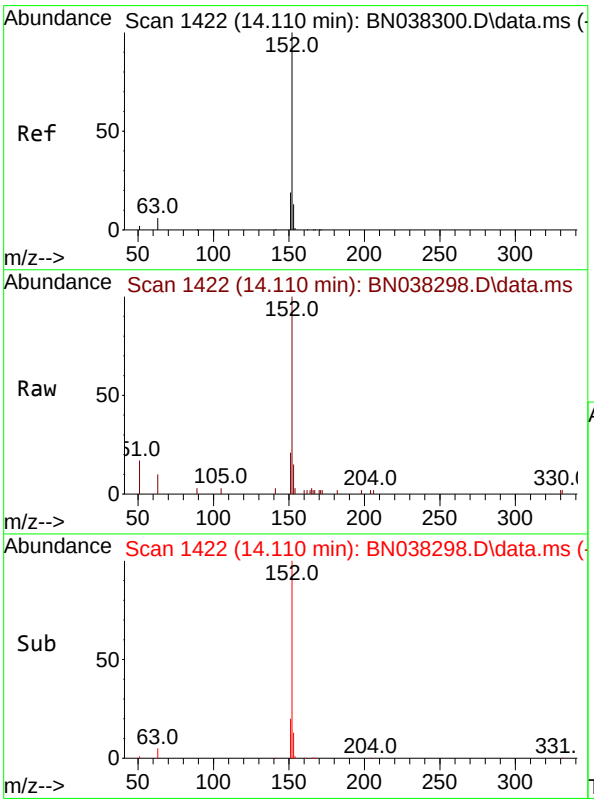
#15
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 13.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 4119

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	24.6	19.3	28.9

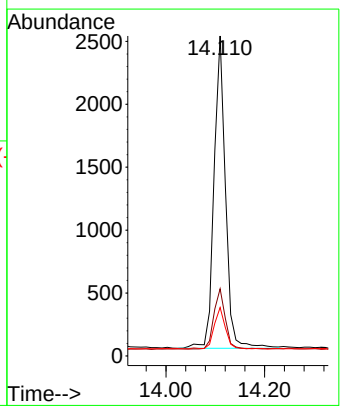


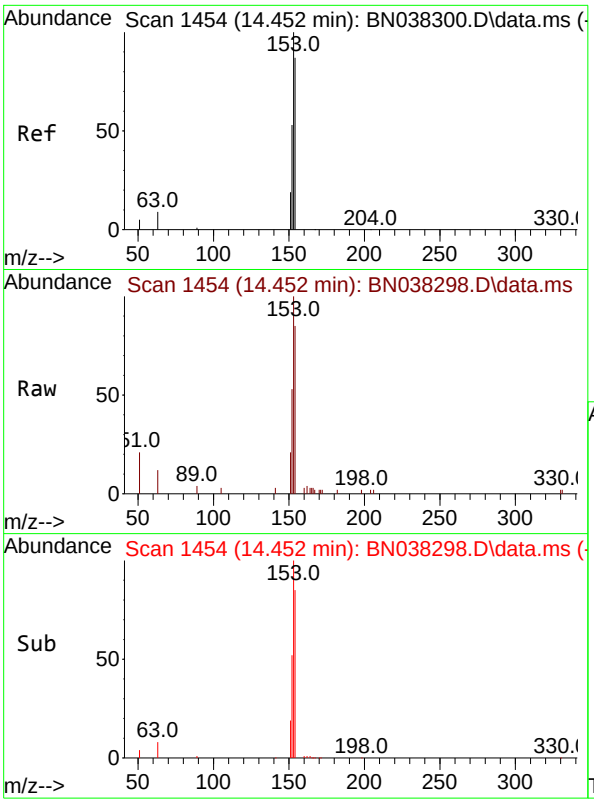


#16
Acenaphthylene
Concen: 0.096 ng
RT: 14.110 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:152 Resp: 4012

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.4	10.2	15.4



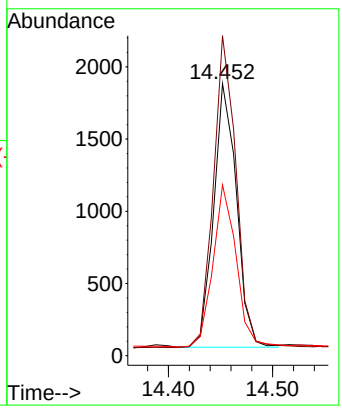


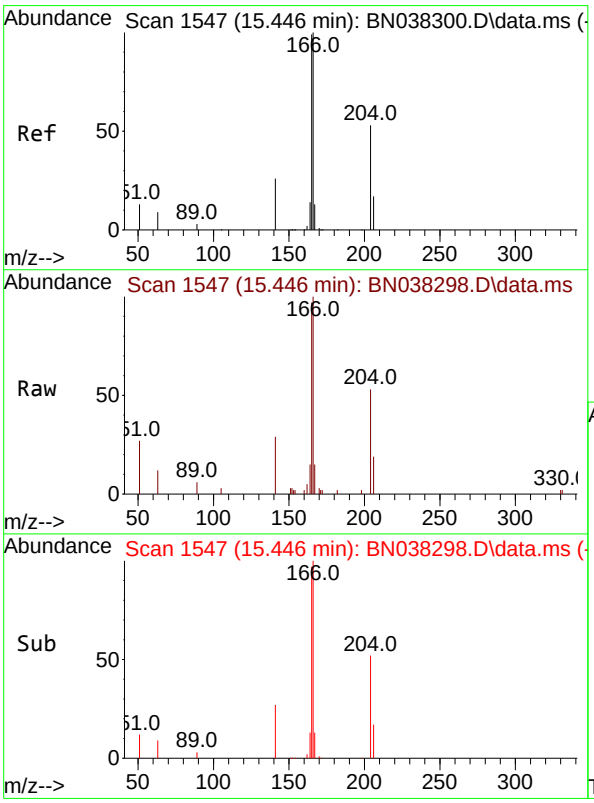
#17
Acenaphthene
Concen: 0.096 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2783

Ion	Ratio	Lower	Upper
154	100		
153	118.0	89.8	134.8
152	63.1	47.5	71.3

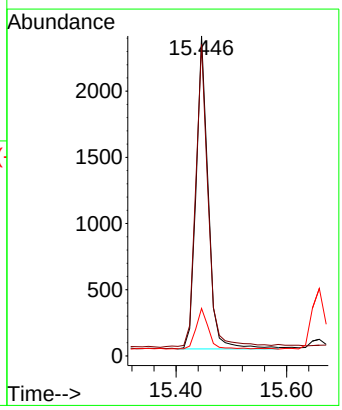


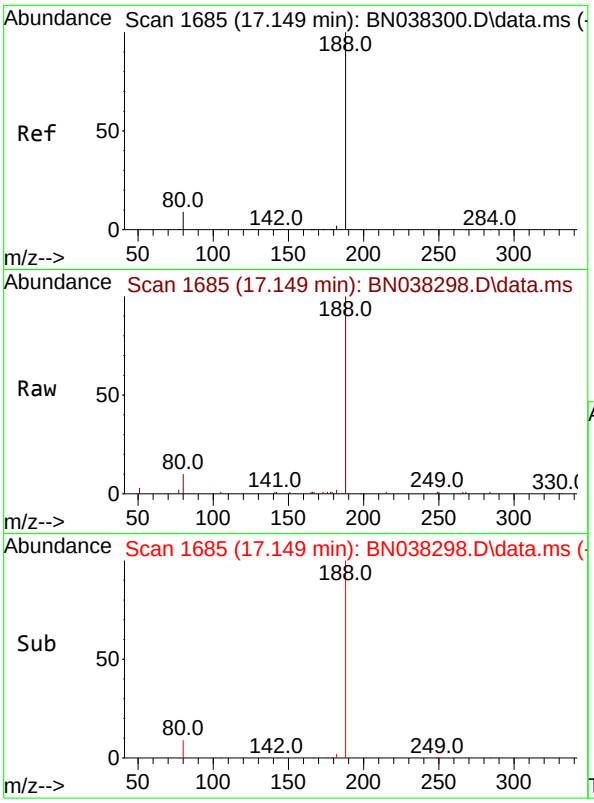


#18
Fluorene
Concen: 0.102 ng
RT: 15.446 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:166 Resp: 3800

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.2	120.4
167	13.5	10.6	16.0



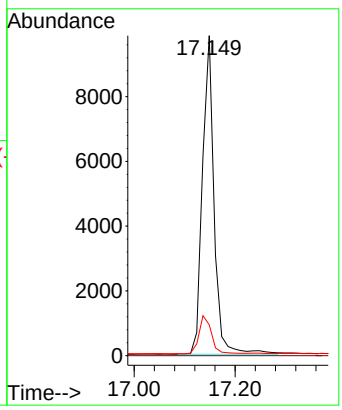


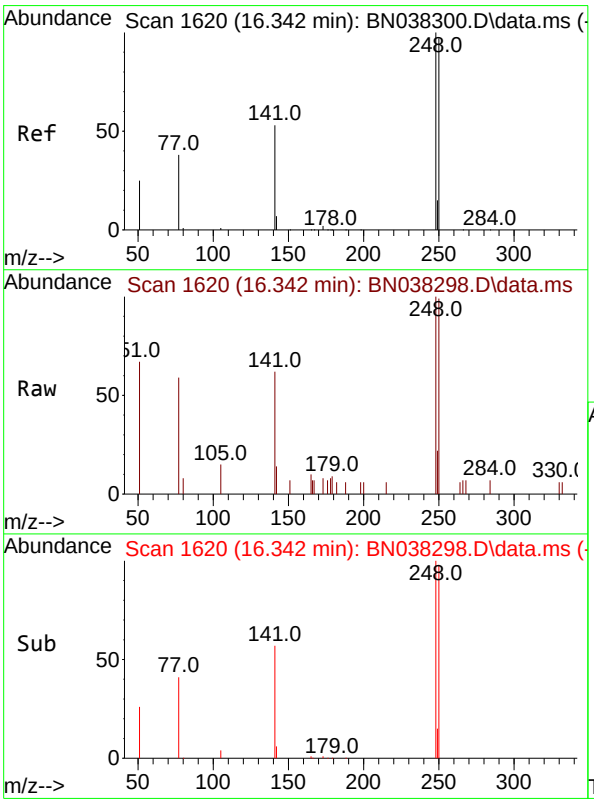
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 15796

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.0

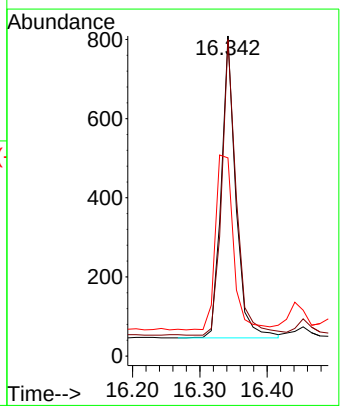


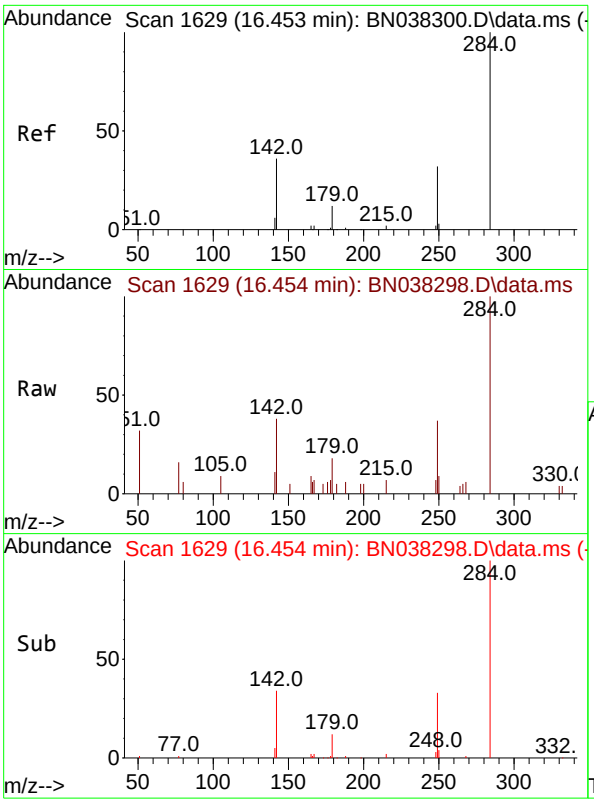


#21
4-Bromophenyl-phenylether
Concen: 0.097 ng
RT: 16.342 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:248 Resp: 1138

Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.2	117.2
141	61.9	43.7	65.5



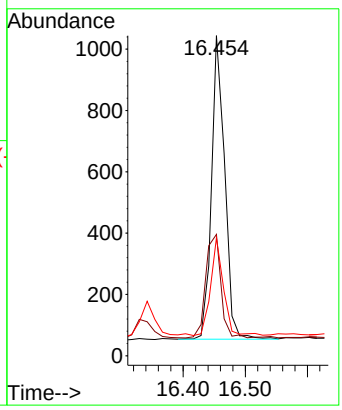


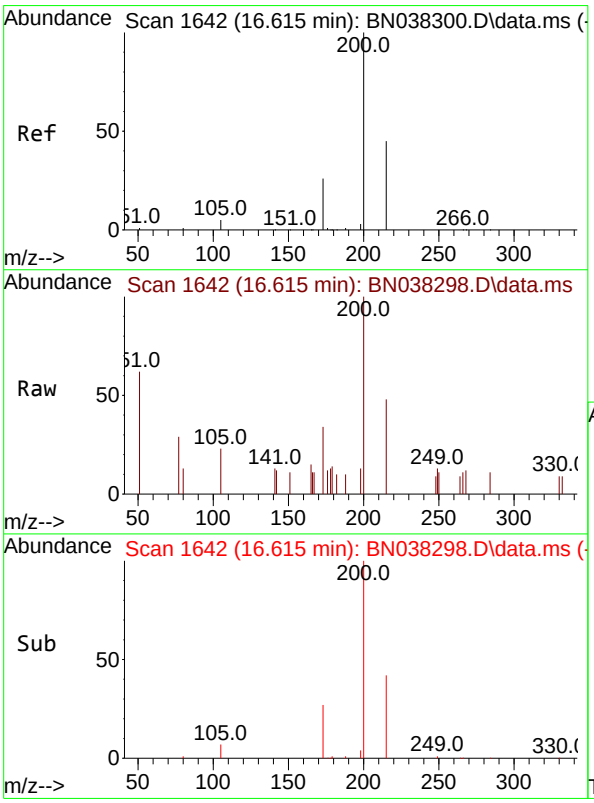
#22
Hexachlorobenzene
Concen: 0.104 ng
RT: 16.454 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1462

Ion	Ratio	Lower	Upper
284	100		
142	39.2	29.5	44.3
249	31.1	23.7	35.5

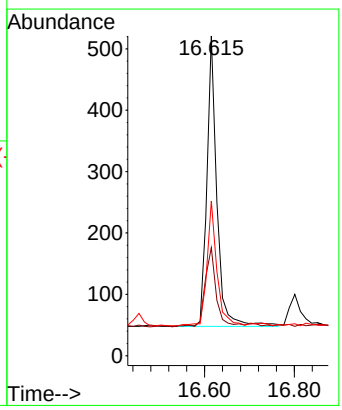


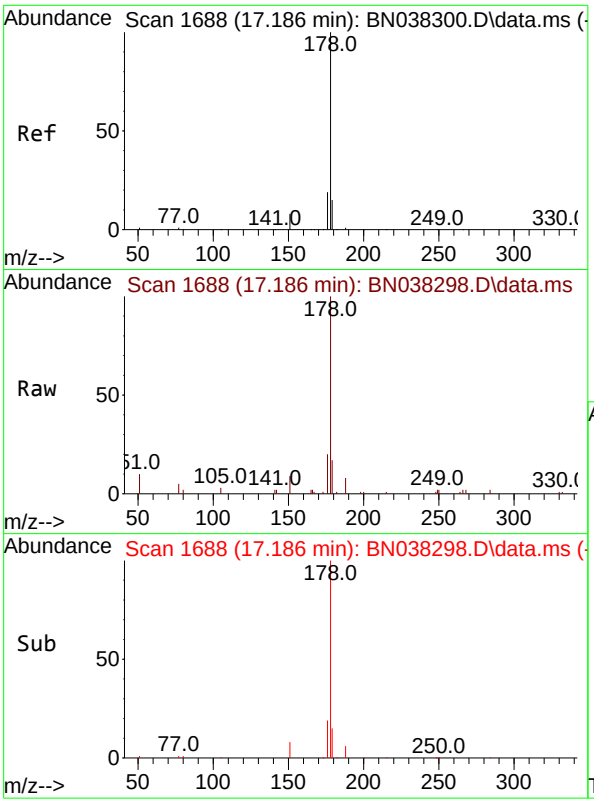


#23
Atrazine
Concen: 0.091 ng
RT: 16.615 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:200 Resp: 727

Ion	Ratio	Lower	Upper
200	100		
173	33.8	22.1	33.1#
215	48.4	37.4	56.2



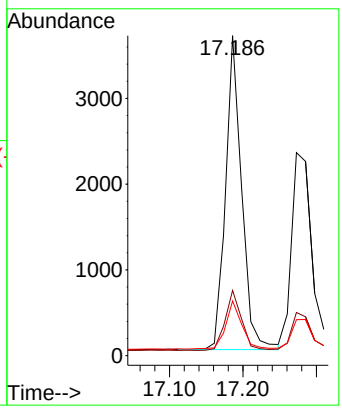


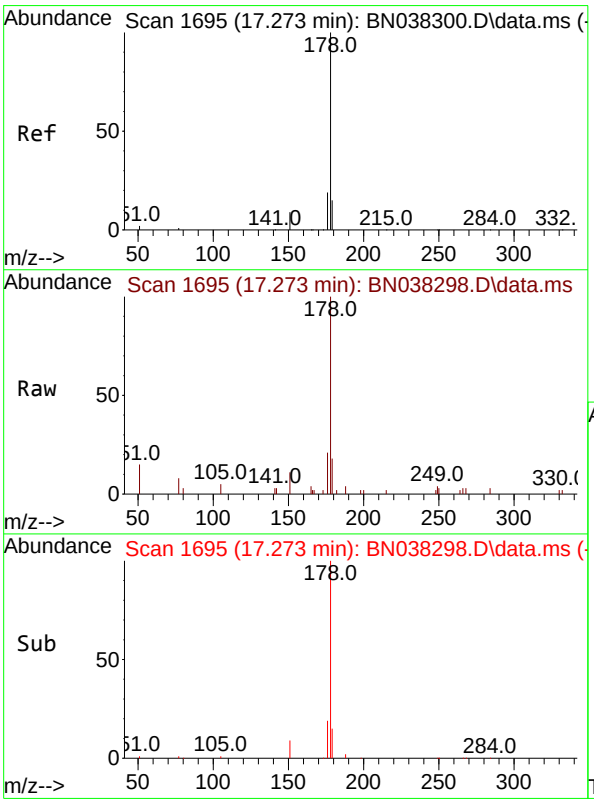
#25
Phenanthrene
Concen: 0.102 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 5585

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.2	18.2

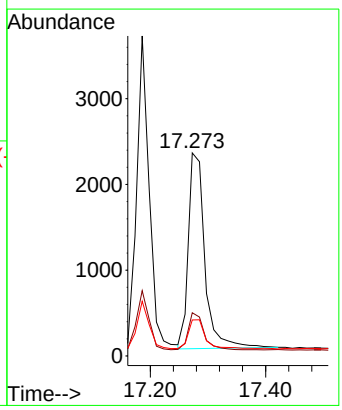


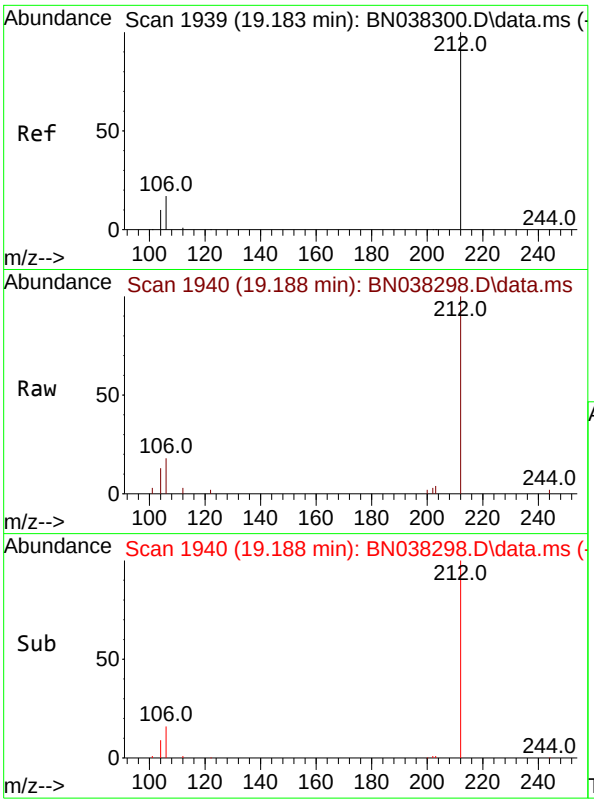


#26
Anthracene
Concen: 0.096 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:178 Resp: 4544

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.9	12.0	18.0



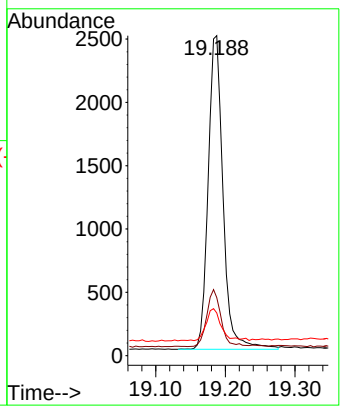


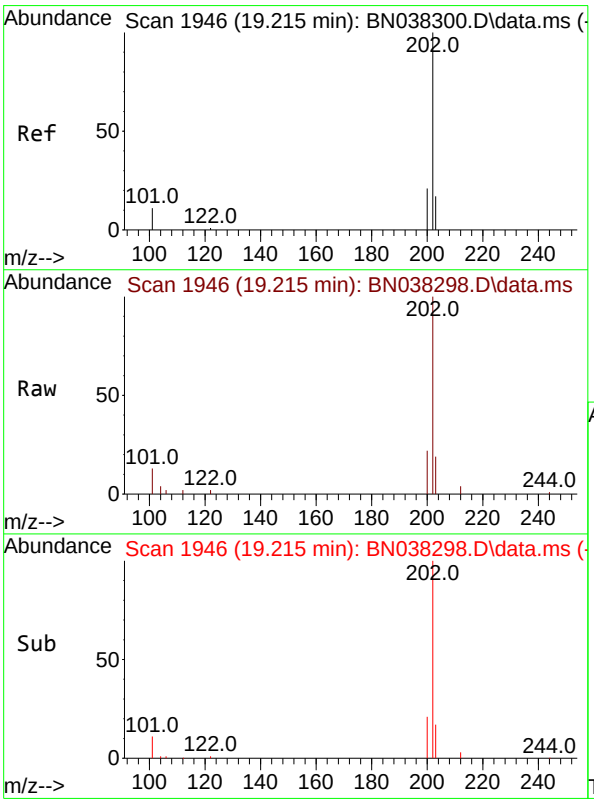
#27
Fluoranthene-d10
Concen: 0.094 ng
RT: 19.188 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 3672

Ion	Ratio	Lower	Upper
212	100		
106	17.3	13.7	20.5
104	10.2	7.8	11.8

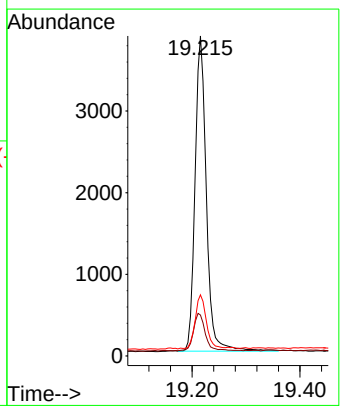


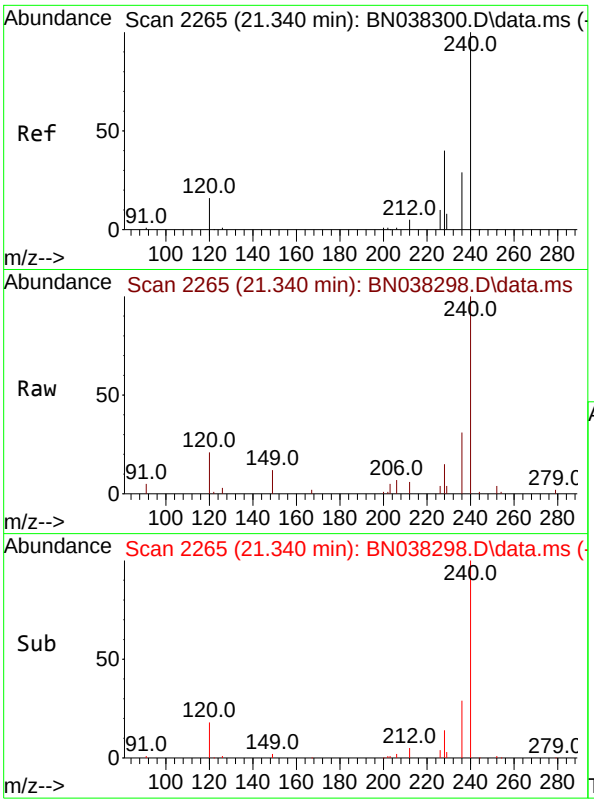


#28
Fluoranthene
Concen: 0.096 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.004 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:202 Resp: 5615

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.1	13.5	20.3



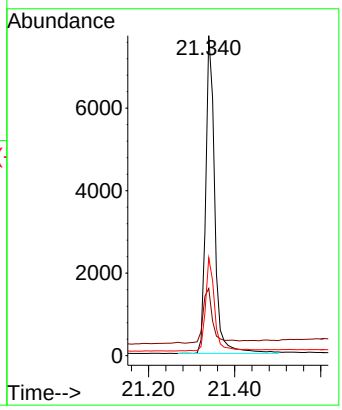


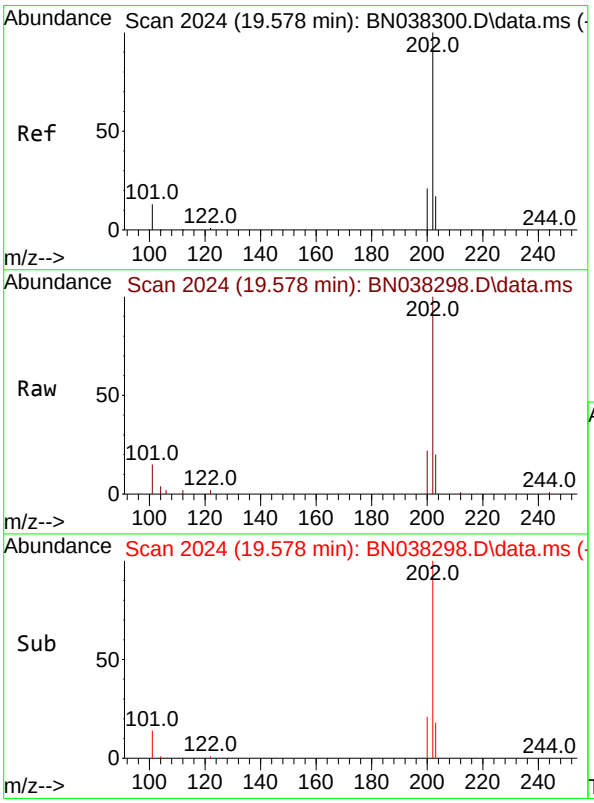
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 11291

Ion	Ratio	Lower	Upper
240	100		
120	21.0	15.4	23.2
236	30.6	23.9	35.9

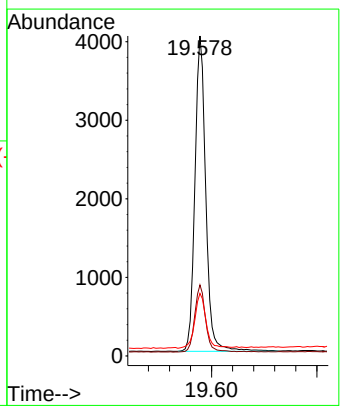


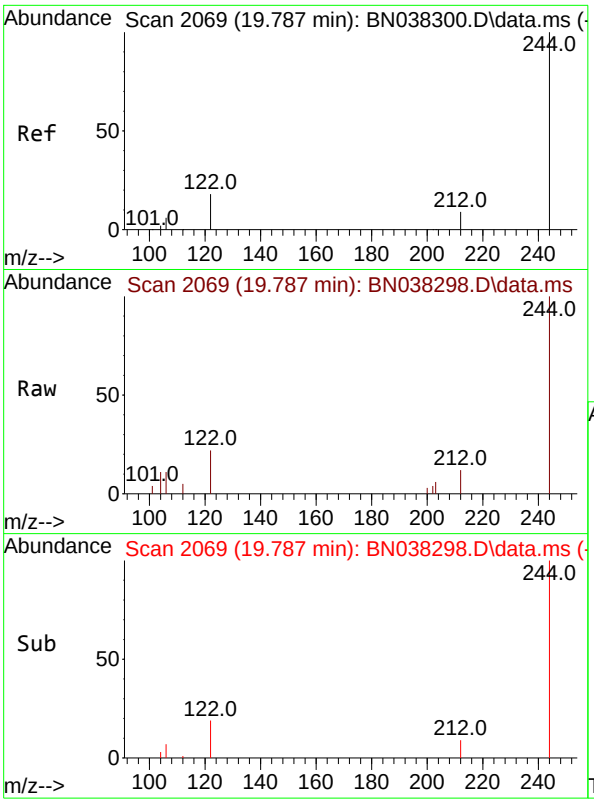


#30
Pyrene
Concen: 0.103 ng
RT: 19.578 min Scan# 2024
Delta R.T. -0.004 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:202 Resp: 5753

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.0	14.2	21.2



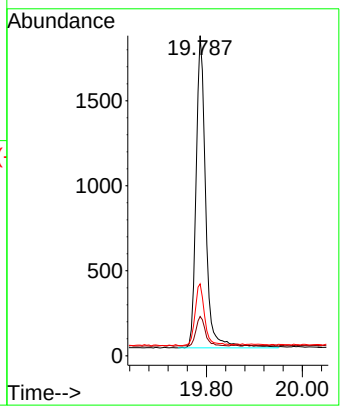


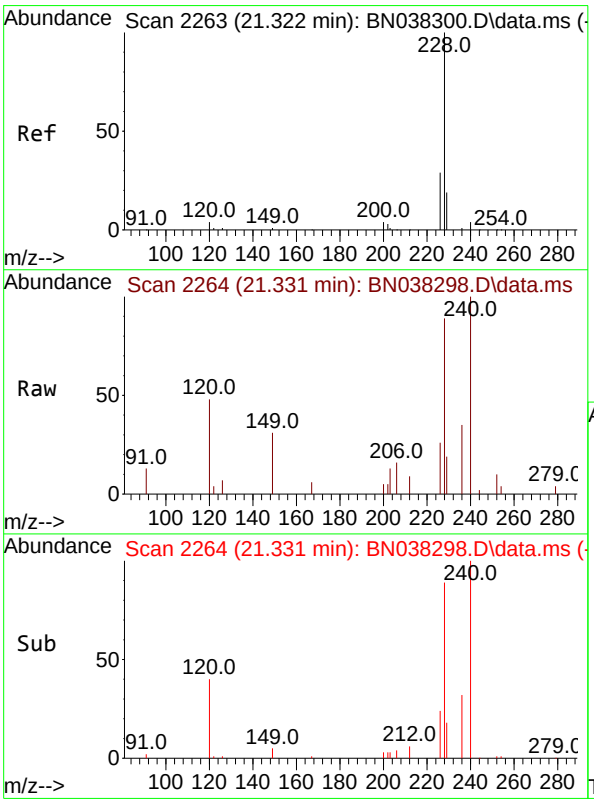
#31
Terphenyl-d14
Concen: 0.102 ng
RT: 19.787 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 2576

Ion	Ratio	Lower	Upper
244	100		
212	12.3	7.9	11.9#
122	22.5	15.0	22.6

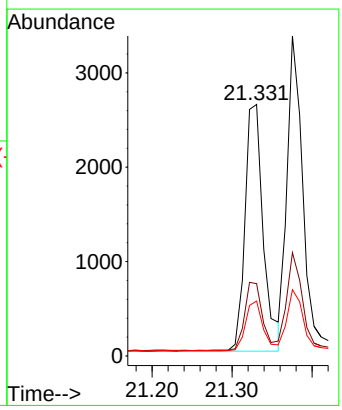


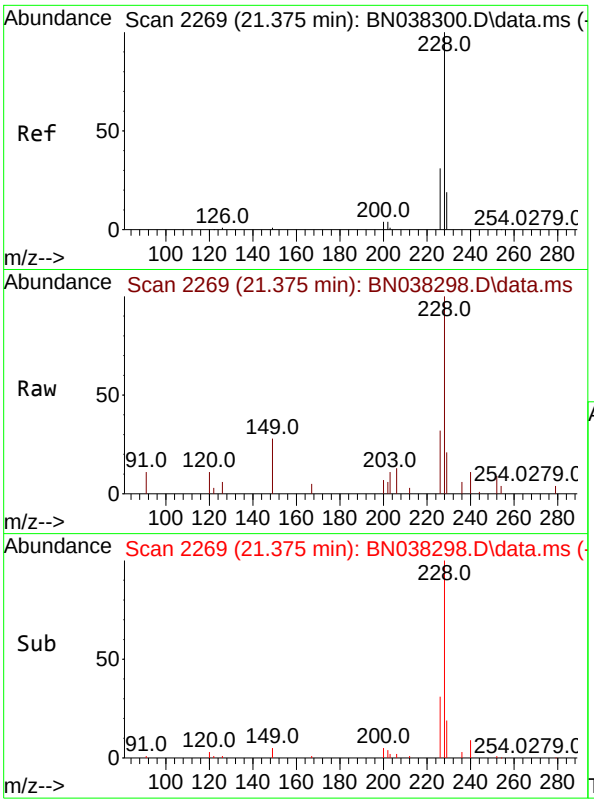


#32
Benzo(a)anthracene
Concen: 0.096 ng
RT: 21.331 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:228 Resp: 4166

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.3	34.9
229	21.8	15.7	23.5



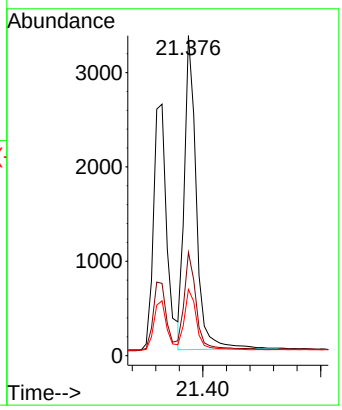


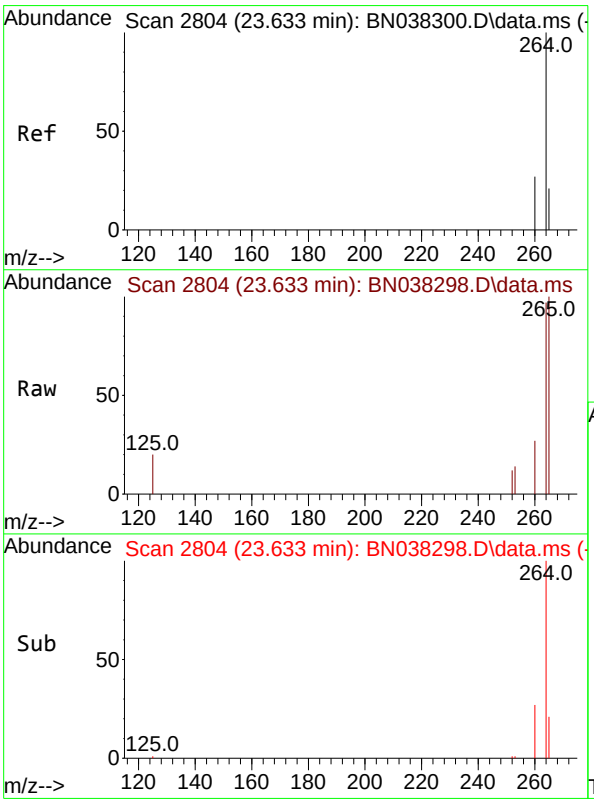
#33
Chrysene
Concen: 0.097 ng
RT: 21.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 4665

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.4
229	20.7	15.5	23.3

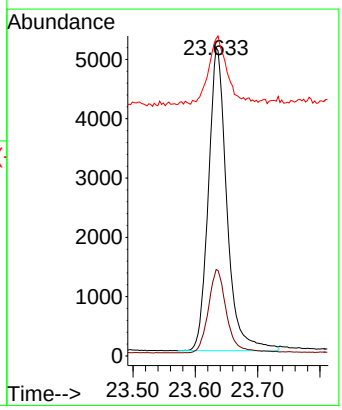


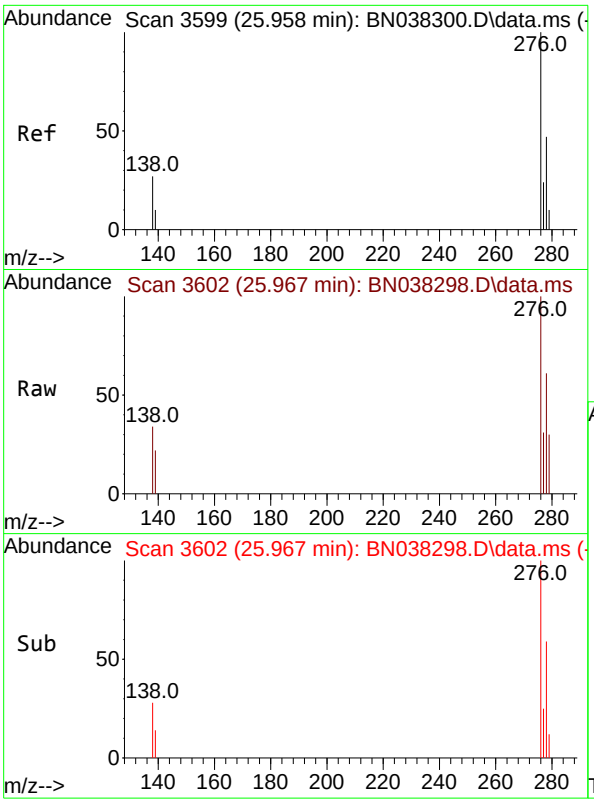


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.633 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:264 Resp: 10537

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.2	33.2
265	102.9	80.2	120.2



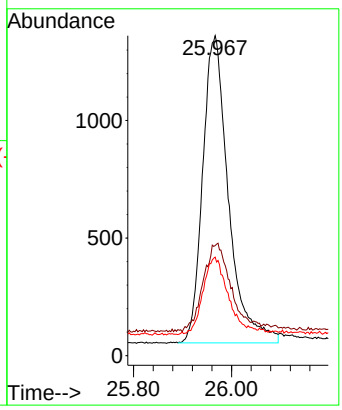


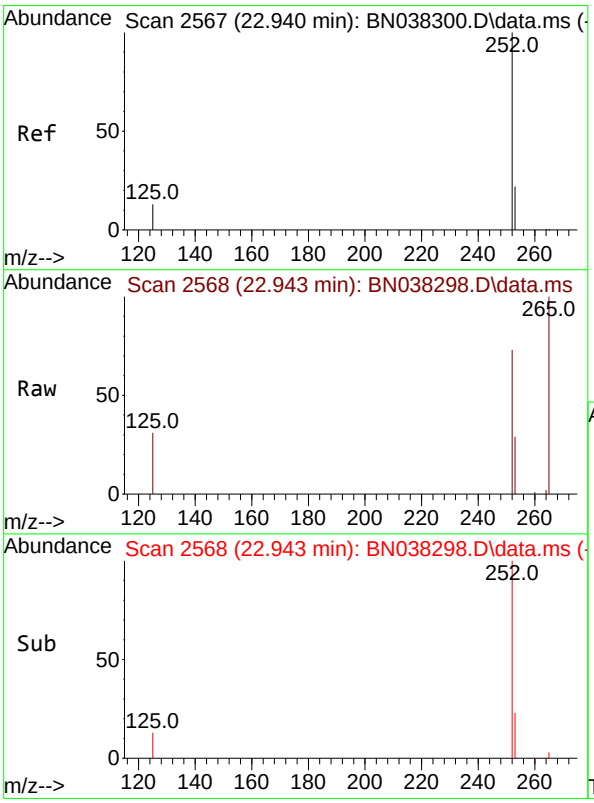
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng
RT: 25.967 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4777

Ion	Ratio	Lower	Upper
276	100		
138	30.4	23.6	35.4
277	23.2	19.7	29.5

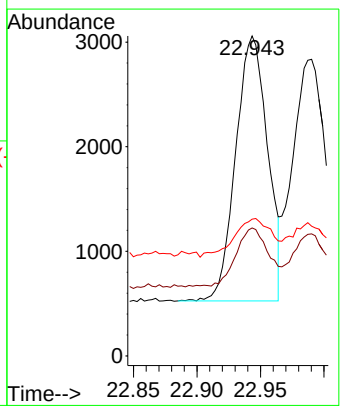


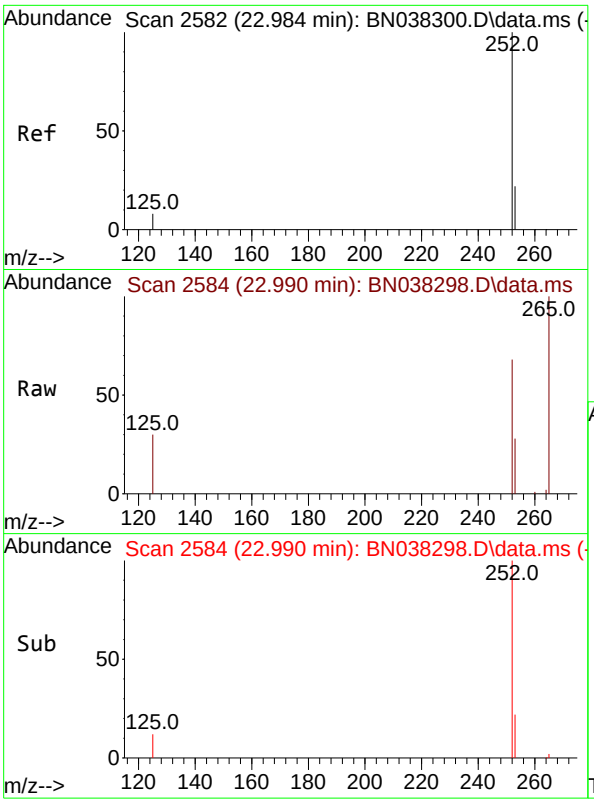


#37
Benzo(b)fluoranthene
Concen: 0.091 ng
RT: 22.943 min Scan# 2568
Delta R.T. -0.003 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:252 Resp: 4408

Ion	Ratio	Lower	Upper
252	100		
253	40.0	21.1	31.7#
125	42.7	16.4	24.6#



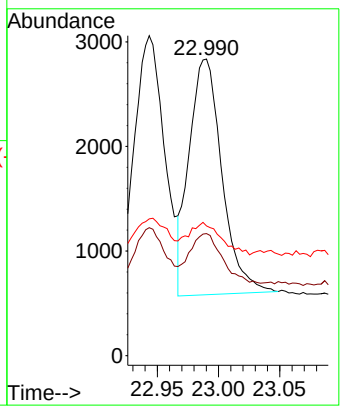


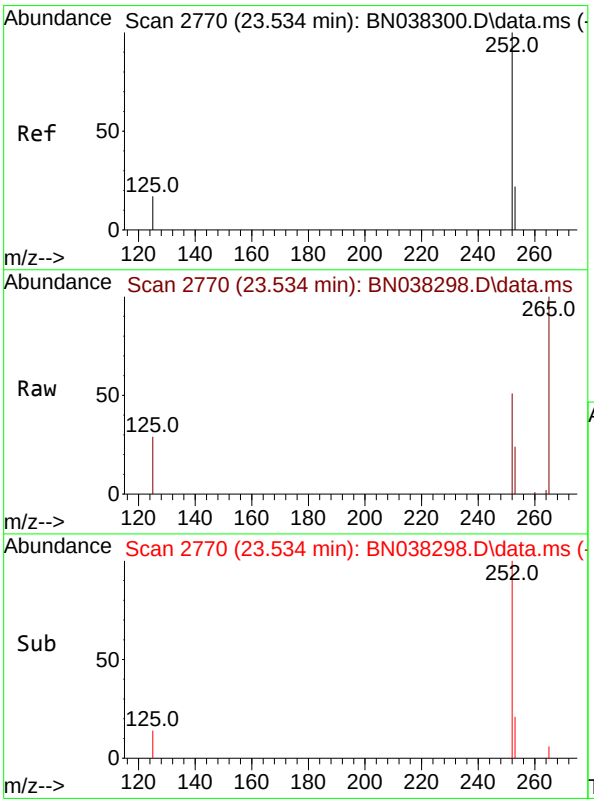
#38
Benzo(k)fluoranthene
Concen: 0.087 ng
RT: 22.990 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 4206

Ion	Ratio	Lower	Upper
252	100		
253	41.1	21.4	32.0#
125	43.7	16.2	24.2#

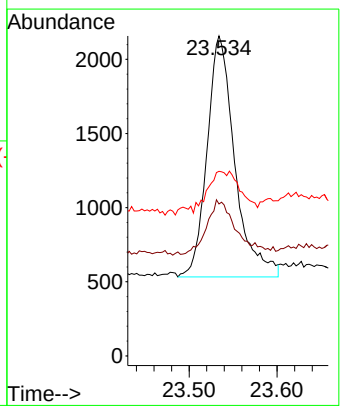


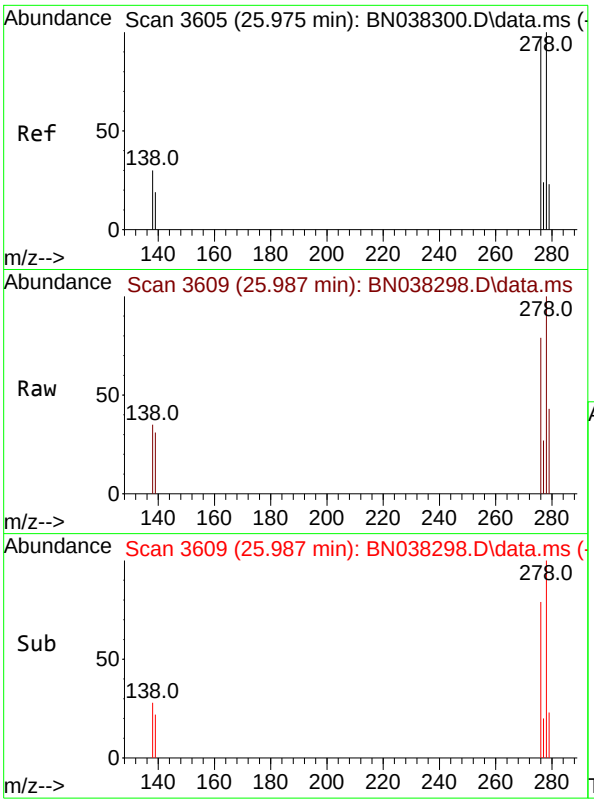


#39
Benzo(a)pyrene
Concen: 0.090 ng
RT: 23.534 min Scan# 2770
Delta R.T. 0.000 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:252 Resp: 3570

Ion	Ratio	Lower	Upper
252	100		
253	47.5	23.3	34.9#
125	57.7	22.4	33.6#



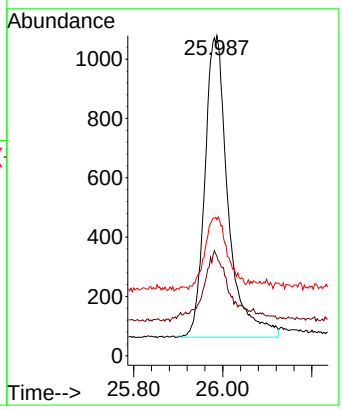


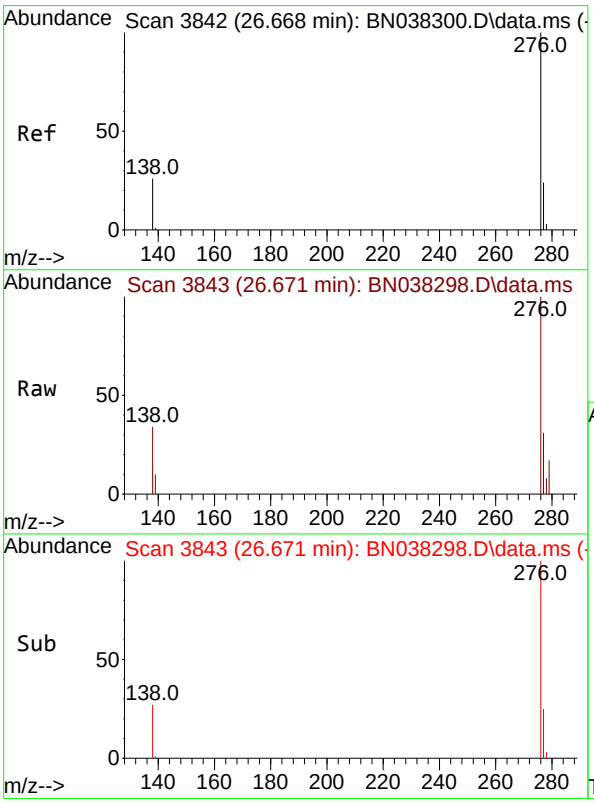
#40
Dibenzo(a,h)anthracene
Concen: 0.085 ng
RT: 25.987 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 3677

Ion	Ratio	Lower	Upper
278	100		
139	31.0	17.8	26.8#
279	42.5	21.3	31.9#





#41
Benzo(g,h,i)perylene
Concen: 0.089 ng
RT: 26.671 min Scan# 3843
Delta R.T. -0.006 min
Lab File: BN038298.D
Acq: 10 Dec 2025 09:52

Tgt Ion:276 Resp: 4274

Ion	Ratio	Lower	Upper
276	100		
277	30.7	20.0	30.0#
138	34.2	21.8	32.6#