Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038398.D
Acq On : 15 Dec 2025 10:54
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 15 11:22:47 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	5195	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	14399	0.400	ng		-0.01
13) Acenaphthene-d10	14.387	164	7760	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	14686	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	11727	0.400	ng		0.00
35) Perylene-d12	23.619	264	12057	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	5126	0.396	ng		0.00
5) Phenol-d6	6.879	99	6009	0.391	ng		0.00
8) Nitrobenzene-d5	8.864	82	4565	0.376	ng		-0.01
11) 2-Methylnaphthalene-d10	12.116	152	7888	0.388	ng		-0.01
14) 2,4,6-Tribromophenol	15.882	330	1396	0.405	ng		-0.01
15) 2-Fluorobiphenyl	13.003	172	16852	0.451	ng		0.00
27) Fluoranthene-d10	19.178	212	13913	0.383	ng		0.00
31) Terphenyl-d14	19.777	244	9903	0.378	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	2324	0.390	ng		97
3) n-Nitrosodimethylamine	3.506	42	2621	0.351	ng		95
6) bis(2-Chloroethyl)ether	7.139	93	5665	0.377	ng		99
9) Naphthalene	10.562	128	16078	0.378	ng		100
10) Hexachlorobutadiene	10.861	225	2871	0.379	ng	#	99
12) 2-Methylnaphthalene	12.192	142	10339	0.383	ng		98
16) Acenaphthylene	14.099	152	14278	0.375	ng		99
17) Acenaphthene	14.452	154	9586	0.361	ng		98
18) Fluorene	15.435	166	12822	0.375	ng		98
20) 4,6-Dinitro-2-methylph...	15.522	198	511	0.212	ng	#	79
21) 4-Bromophenyl-phenylether	16.329	248	3955	0.363	ng	#	84
22) Hexachlorobenzene	16.453	284	4778	0.365	ng		99
23) Atrazine	16.602	200	2621	0.353	ng	#	95
24) Pentachlorophenol	16.801	266	1796	0.351	ng		99
25) Phenanthrene	17.173	178	18638	0.365	ng		100
26) Anthracene	17.273	178	16175	0.367	ng		99
28) Fluoranthene	19.206	202	21047	0.387	ng		100
30) Pyrene	19.568	202	21348	0.370	ng		100
32) Benzo(a)anthracene	21.322	228	17735	0.391	ng		98
33) Chrysene	21.366	228	19200	0.385	ng		100
34) Bis(2-ethylhexyl)phtha...	21.259	149	9241	0.372	ng		98
36) Indeno(1,2,3-cd)pyrene	25.937	276	24036	0.376	ng		99
37) Benzo(b)fluoranthene	22.929	252	20686	0.374	ng		98
38) Benzo(k)fluoranthene	22.972	252	20695	0.375	ng		98
39) Benzo(a)pyrene	23.519	252	16839	0.372	ng		95
40) Dibenzo(a,h)anthracene	25.952	278	18667	0.378	ng		98
41) Benzo(g,h,i)perylene	26.645	276	21117	0.383	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
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Misc :
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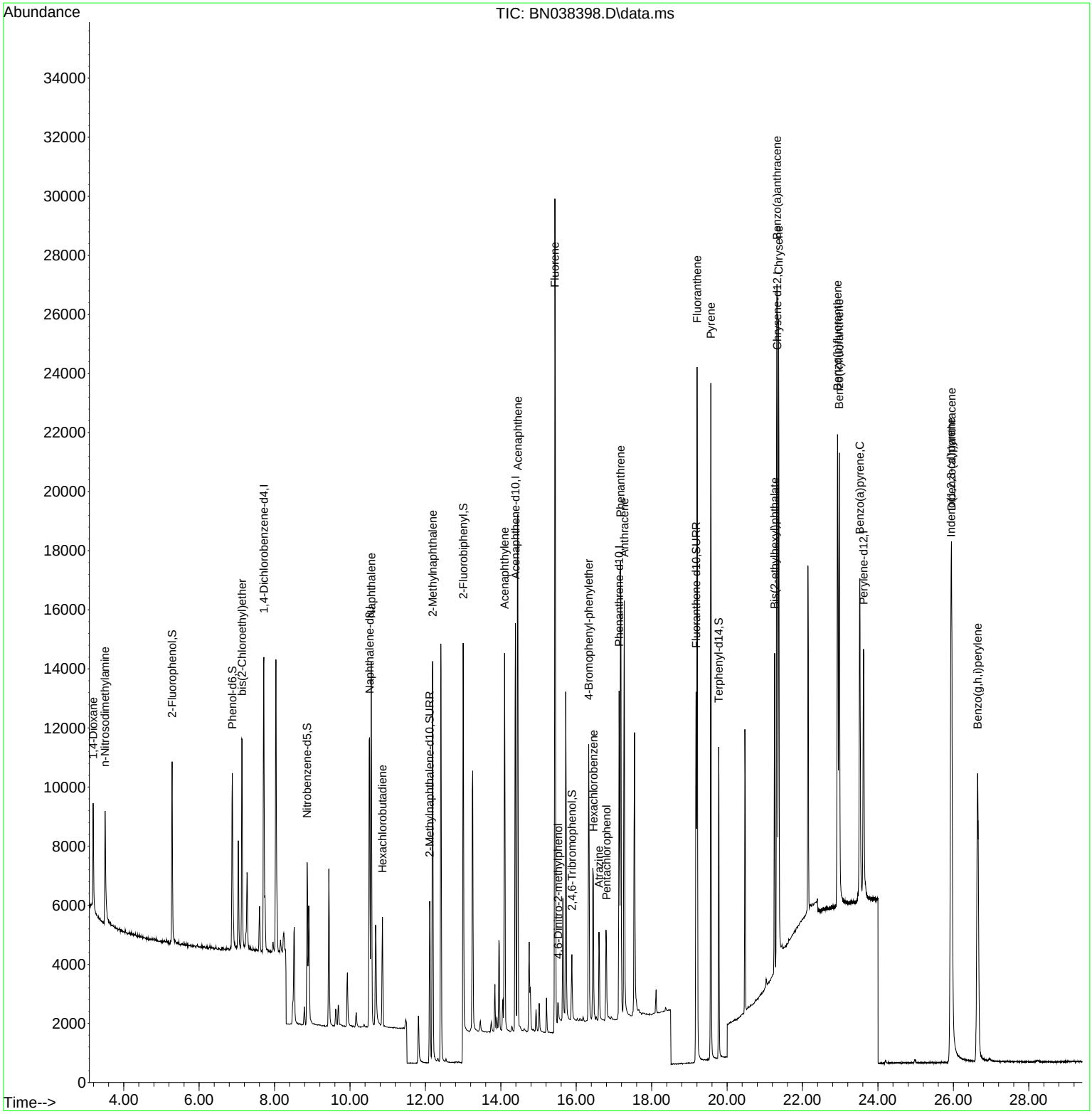
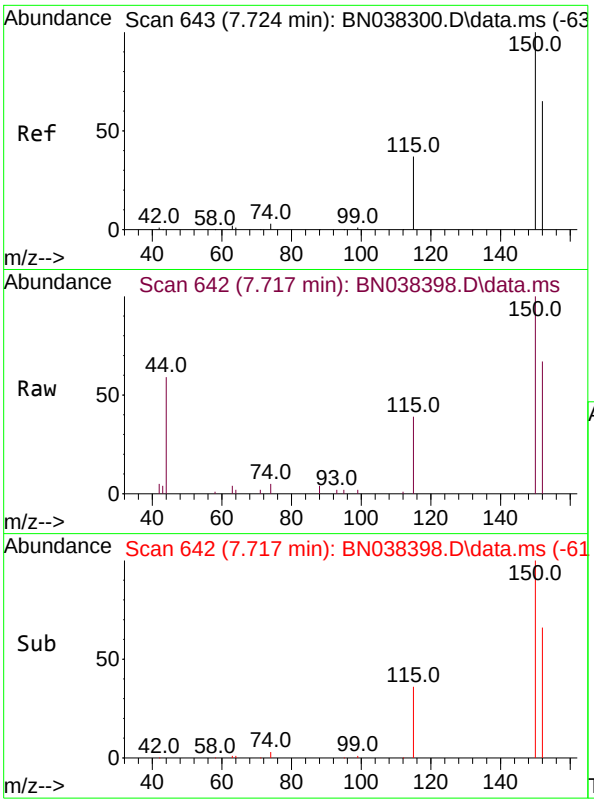
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 15 11:22:47 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



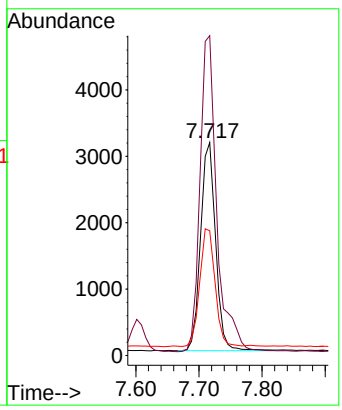


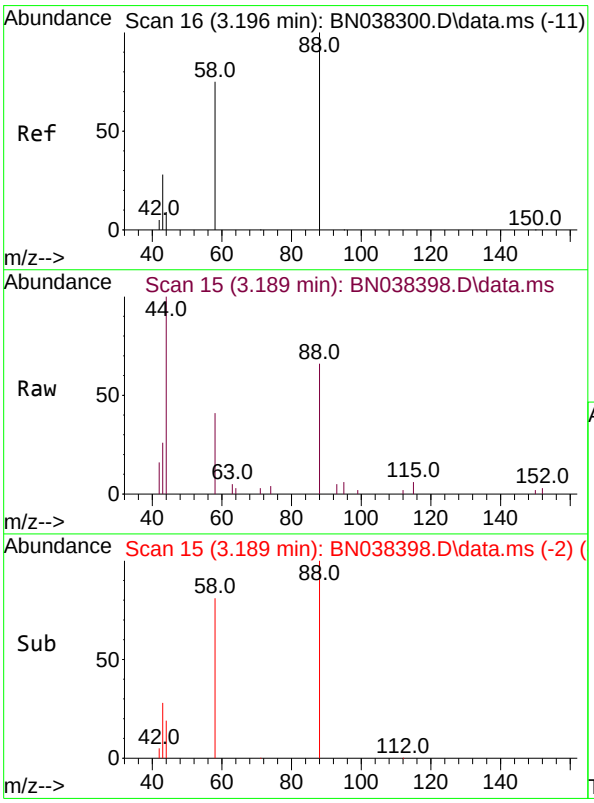
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5195

Ion	Ratio	Lower	Upper
152	100		
150	150.2	122.4	183.6
115	58.6	47.3	70.9

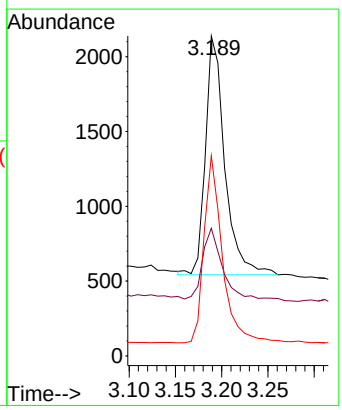


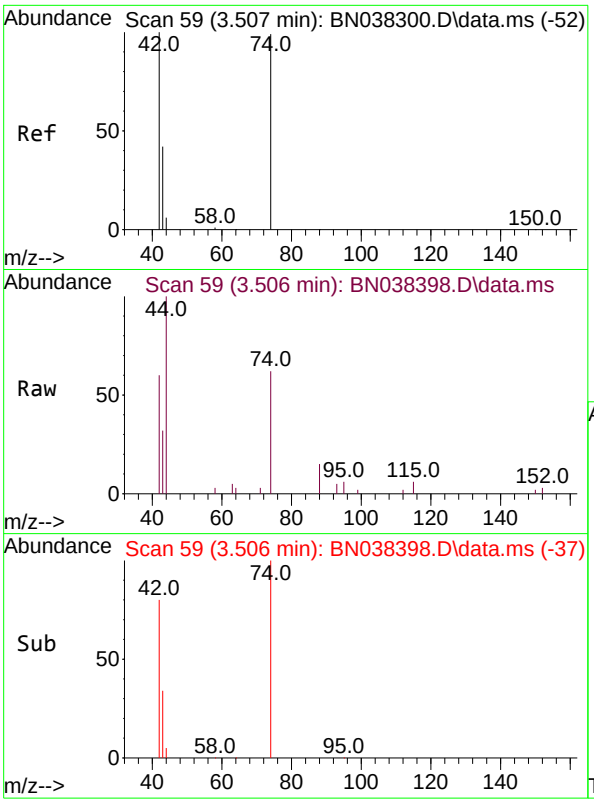


#2
1,4-Dioxane
Concen: 0.390 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion: 88 Resp: 2324

Ion	Ratio	Lower	Upper
88	100		
43	29.6	24.9	37.3
58	74.5	61.4	92.0



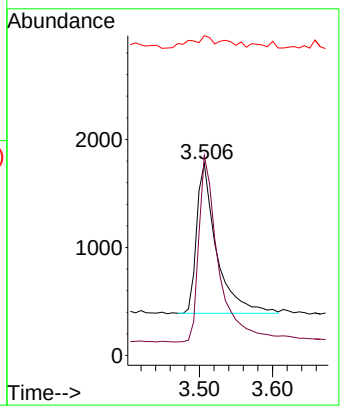


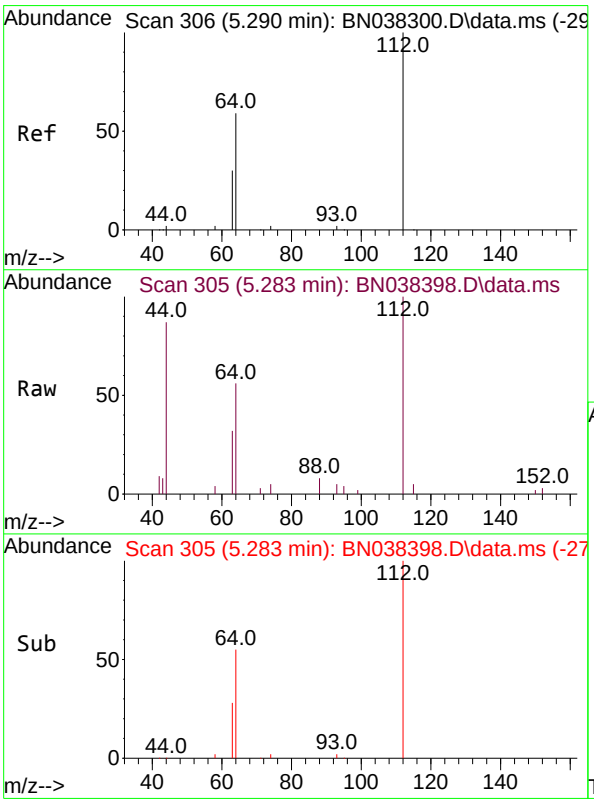
#3
n-Nitrosodimethylamine
Concen: 0.351 ng
RT: 3.506 min Scan# 59
Delta R.T. 0.007 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2621

Ion	Ratio	Lower	Upper
42	100		
74	125.0	95.3	142.9
44	8.9	7.9	11.9

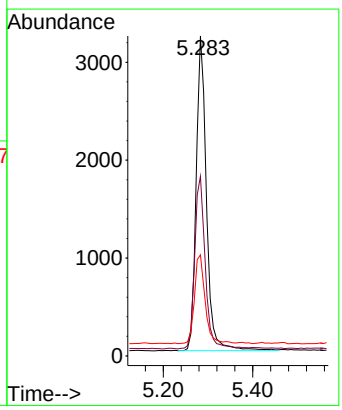


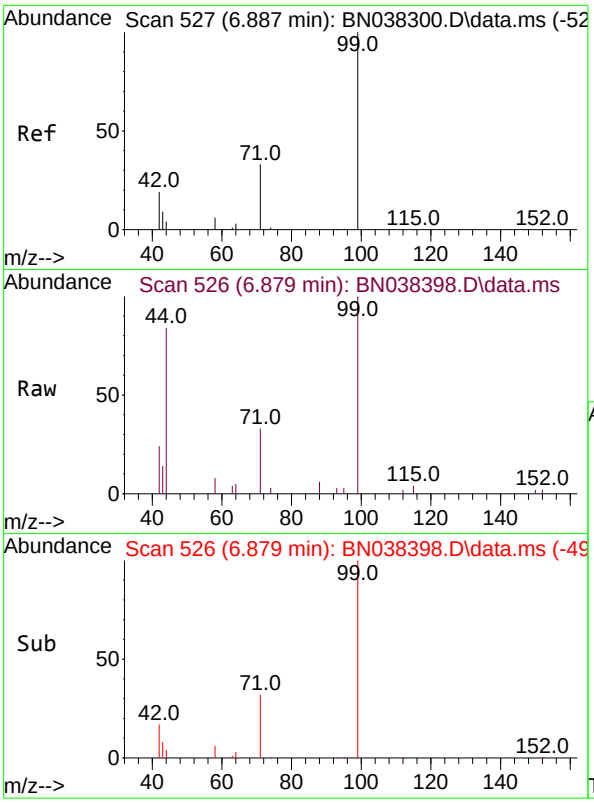


#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:112 Resp: 5126

Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.4	66.6
63	29.4	23.4	35.0



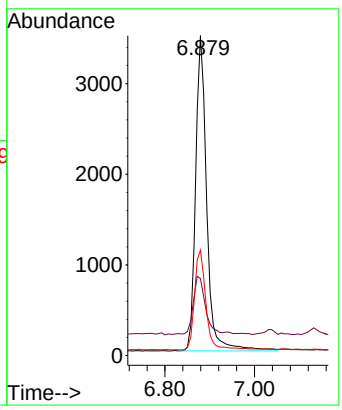


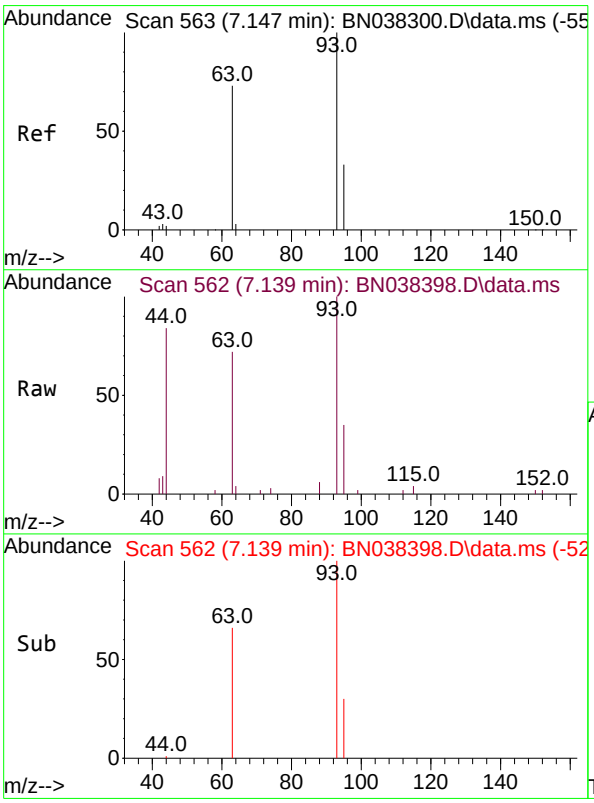
#5
Phenol-d6
Concen: 0.391 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6009

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.5	24.7
71	32.7	24.9	37.3

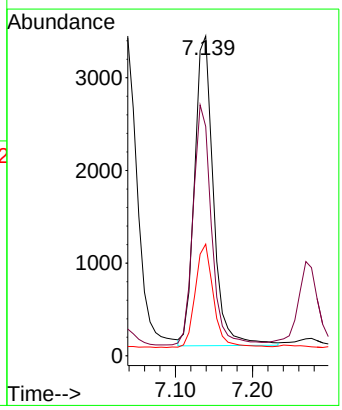


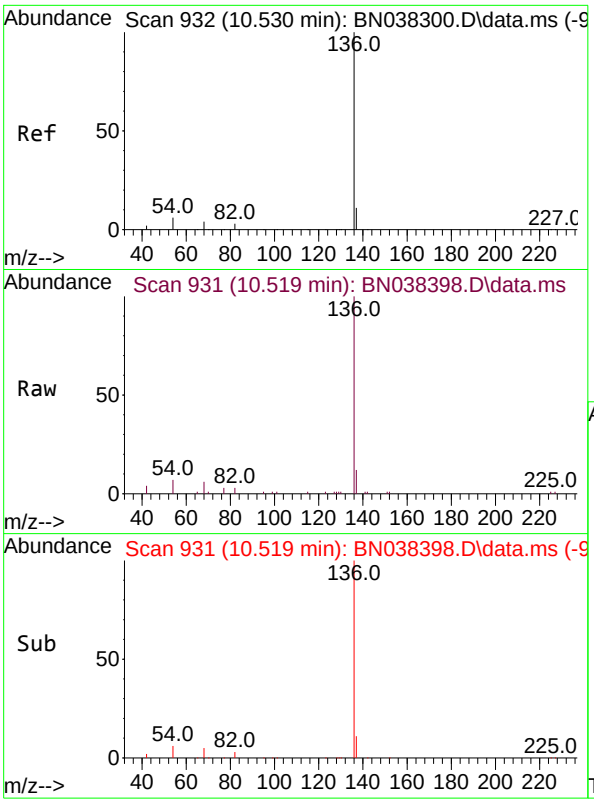


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.007 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion: 93 Resp: 5665

Ion	Ratio	Lower	Upper
93	100		
63	75.2	59.2	88.8
95	32.4	25.2	37.8



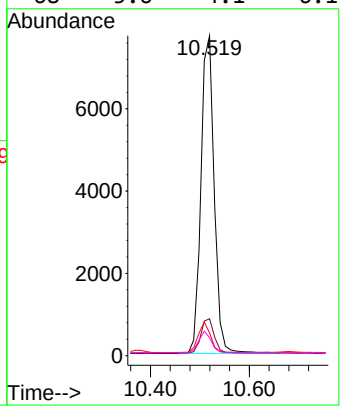


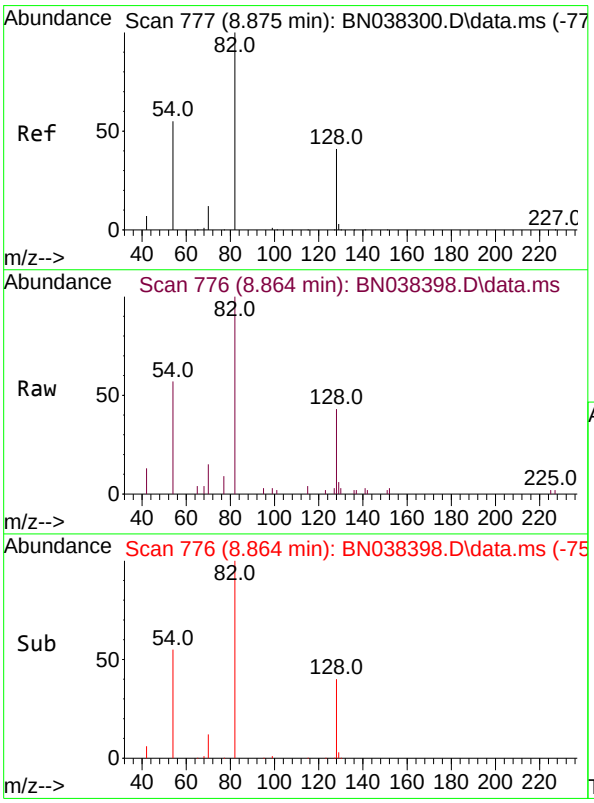
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14399

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.1	5.2	7.8
68	5.6	4.1	6.1

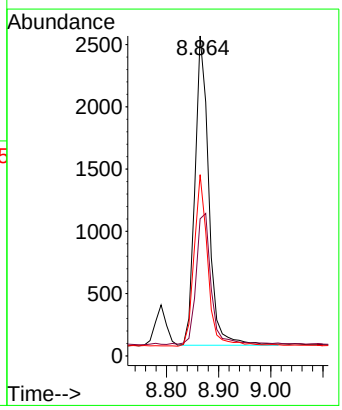


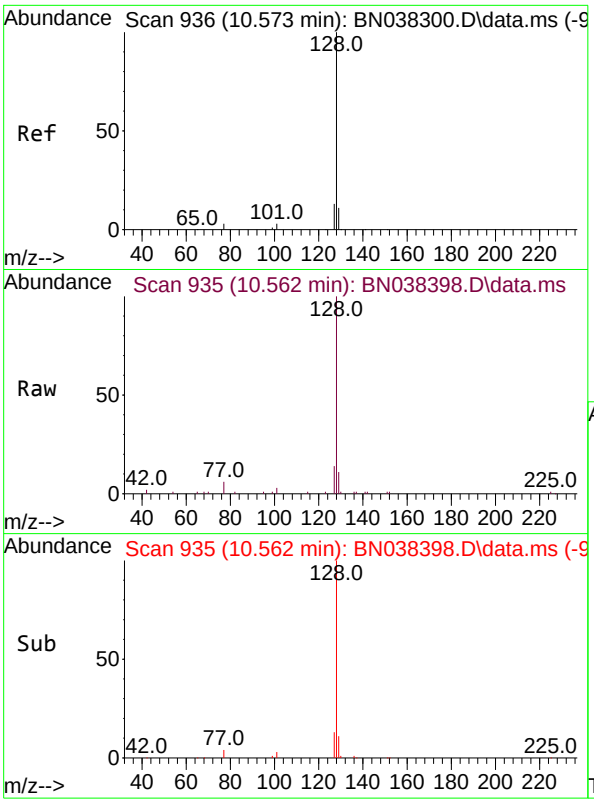


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion: 82 Resp: 4565

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	56.6	44.4	66.6



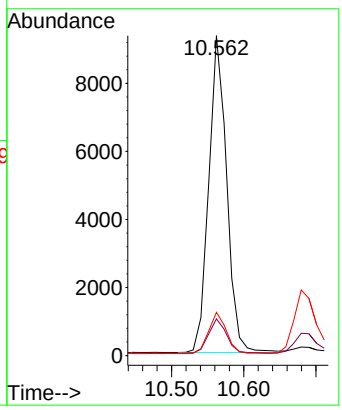


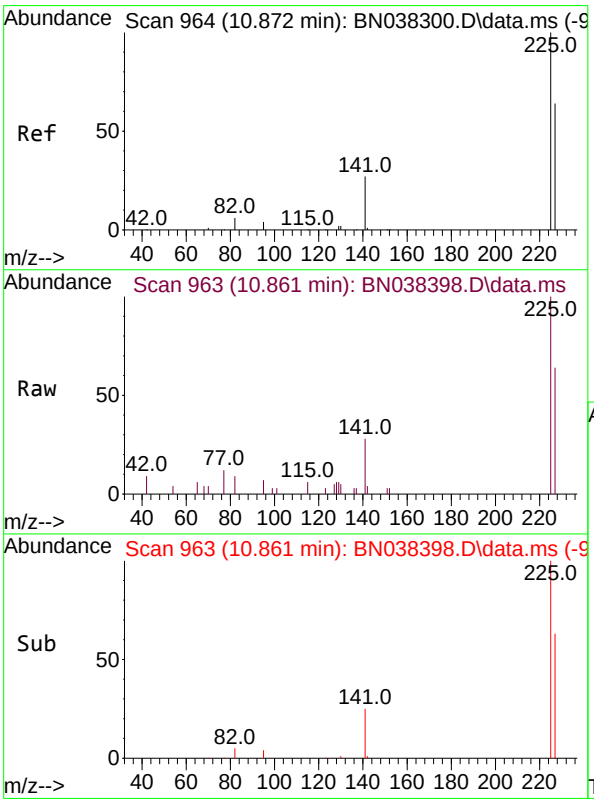
#9
Naphthalene
Concen: 0.378 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 16078

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.5	10.9	16.3

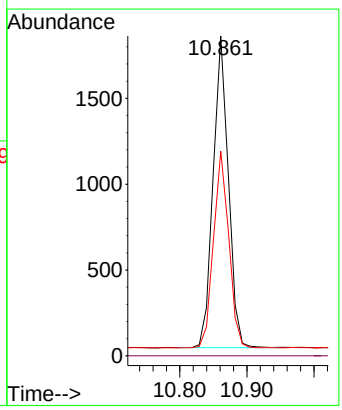


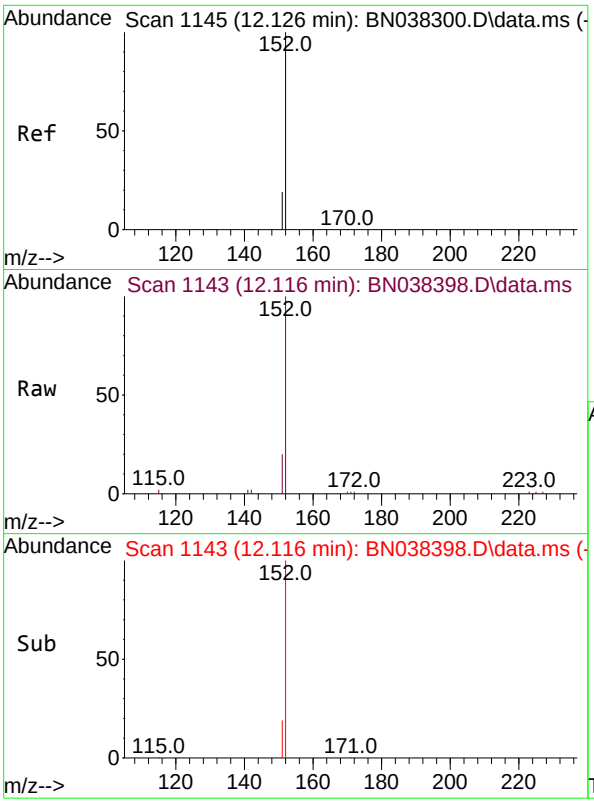


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.011 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:225 Resp: 2871

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.2	76.8



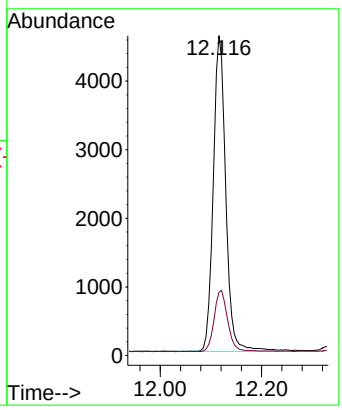


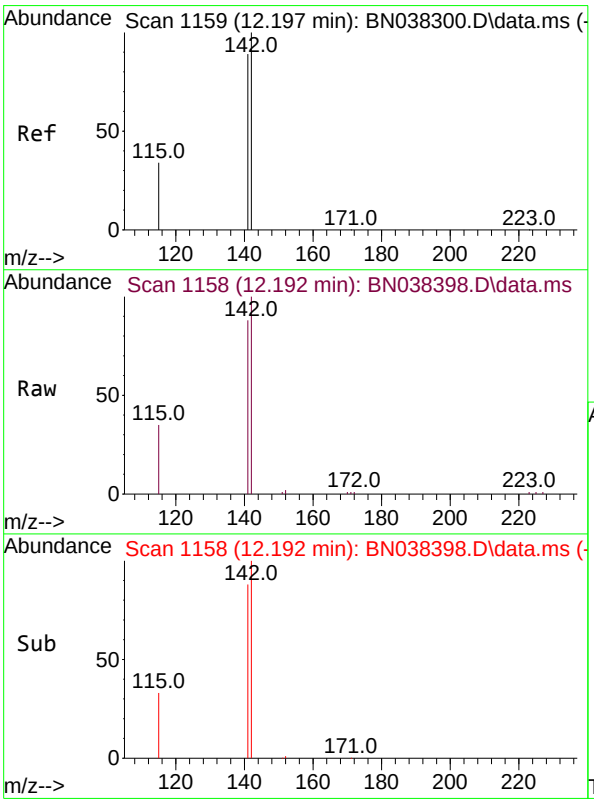
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.116 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7888

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.6

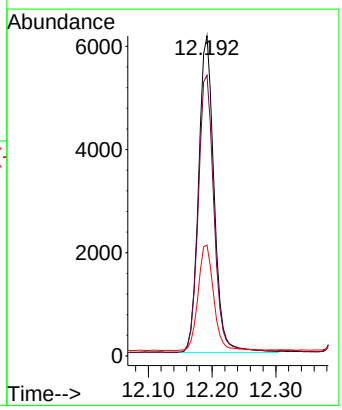


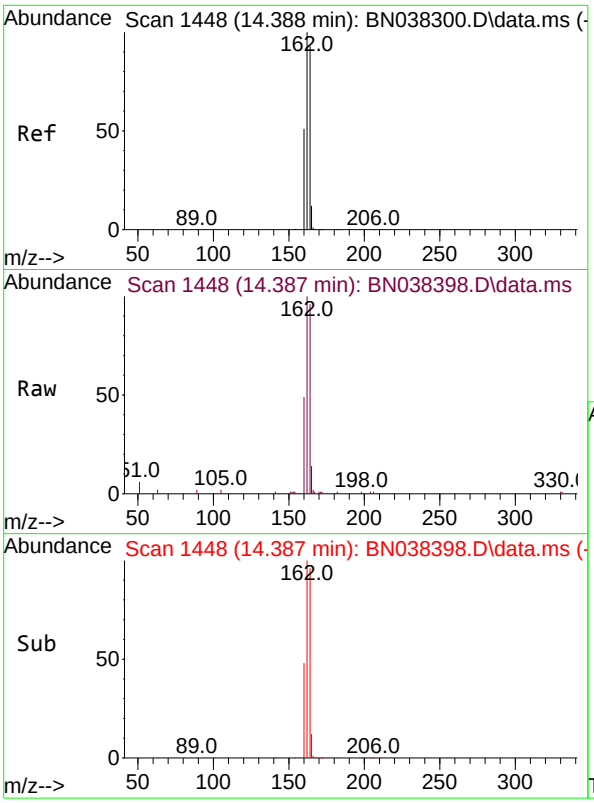


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:142 Resp: 10339

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.2
115	34.6	28.4	42.6



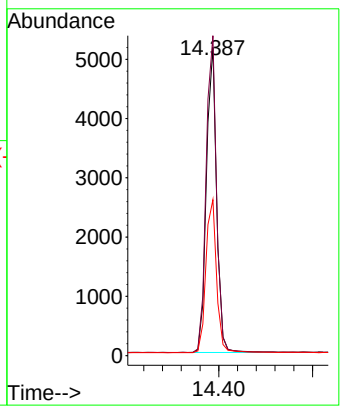


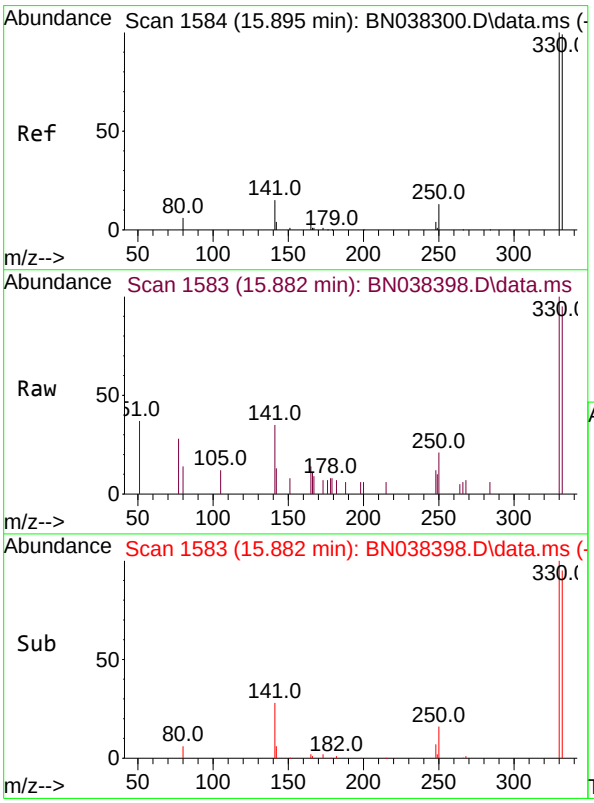
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7760

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.2	129.4
160	50.5	44.6	67.0

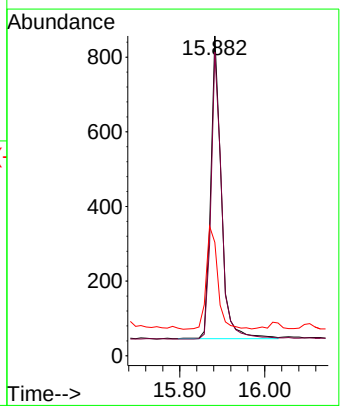


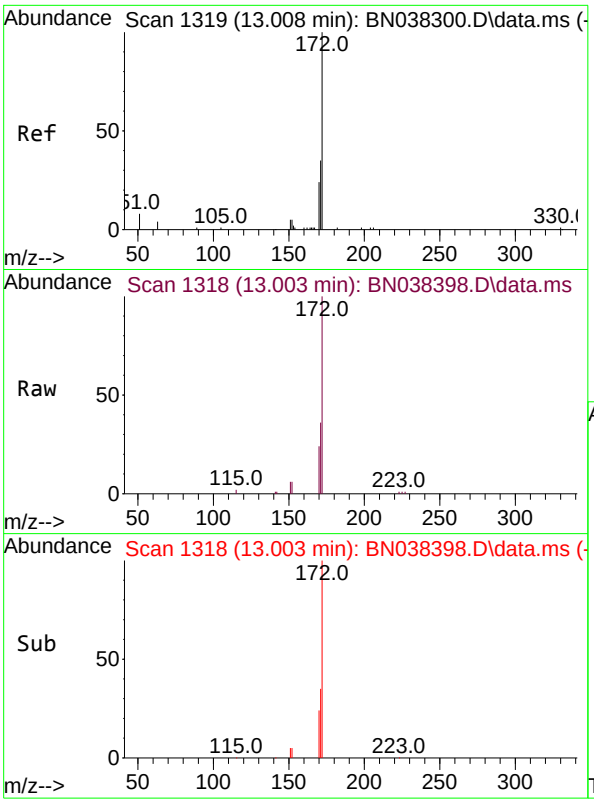


#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:330 Resp: 1396

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.8	113.6
141	37.0	31.8	47.8



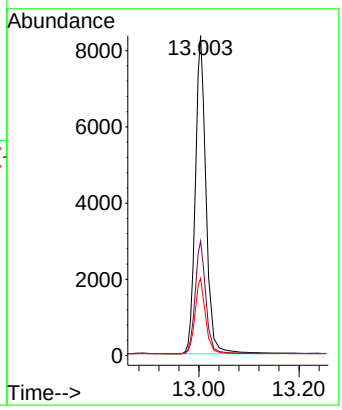


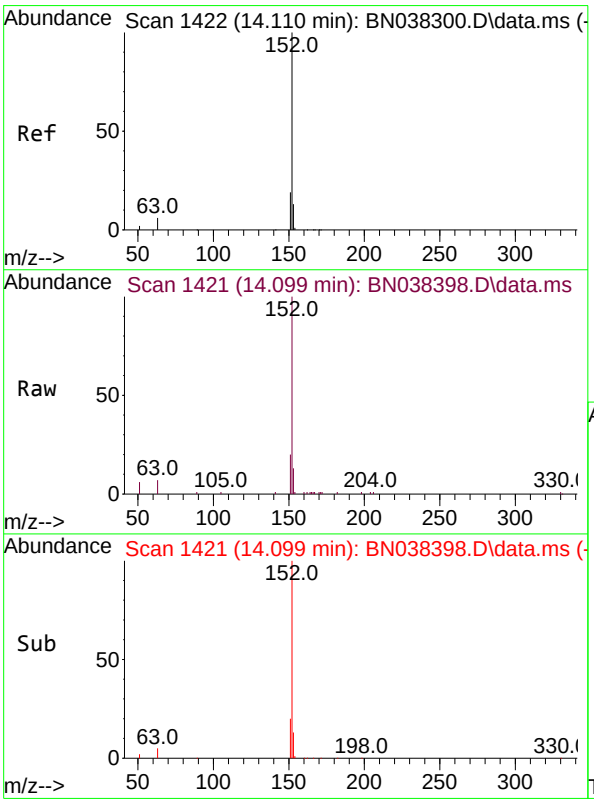
#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 16852

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.1	19.3	28.9

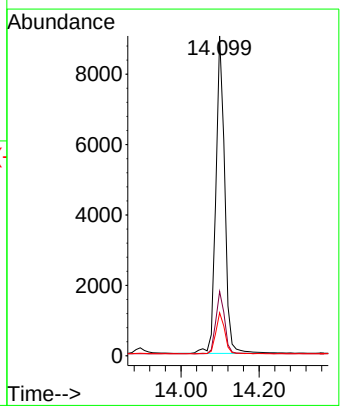


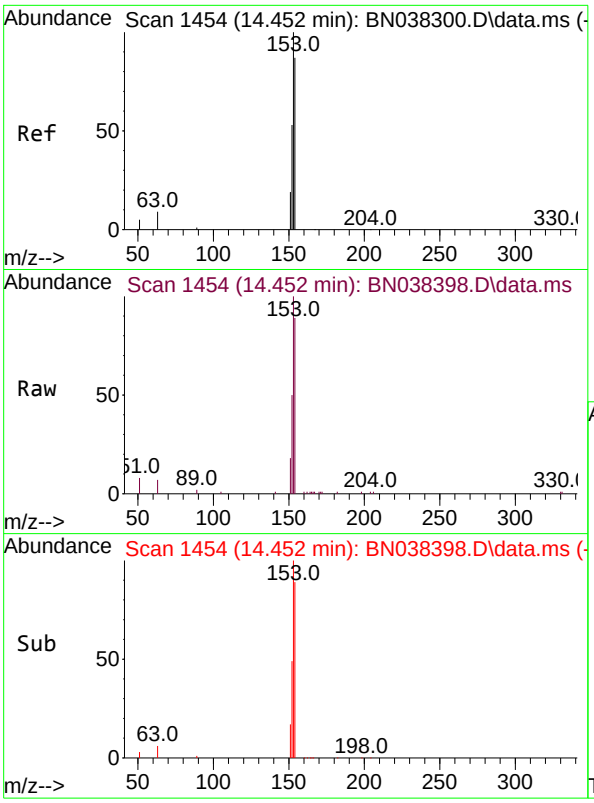


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:152 Resp: 14278

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	13.1	10.2	15.4



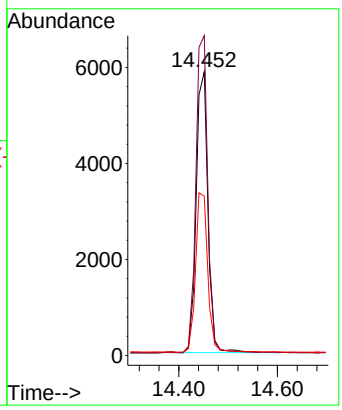


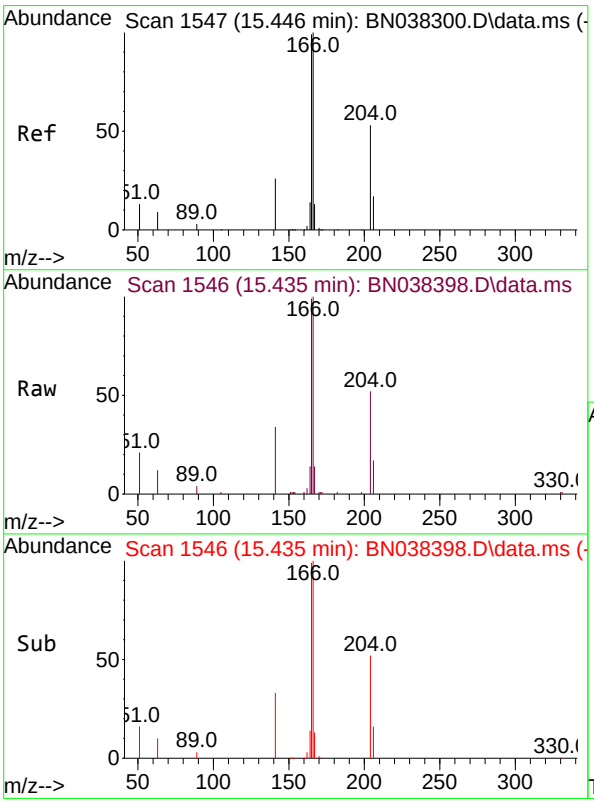
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 9586

Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.8	134.8
152	59.5	47.5	71.3

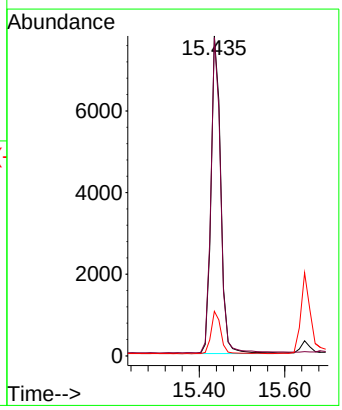


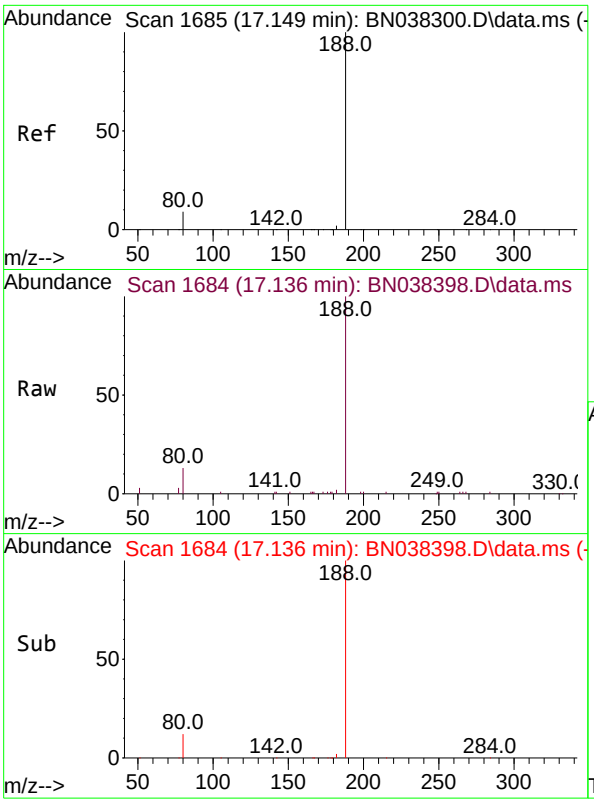


#18
Fluorene
Concen: 0.375 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:166 Resp: 12822

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.2	120.4
167	13.3	10.6	16.0



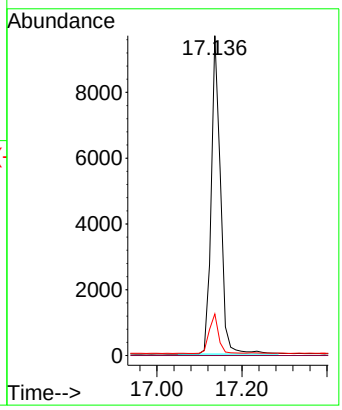


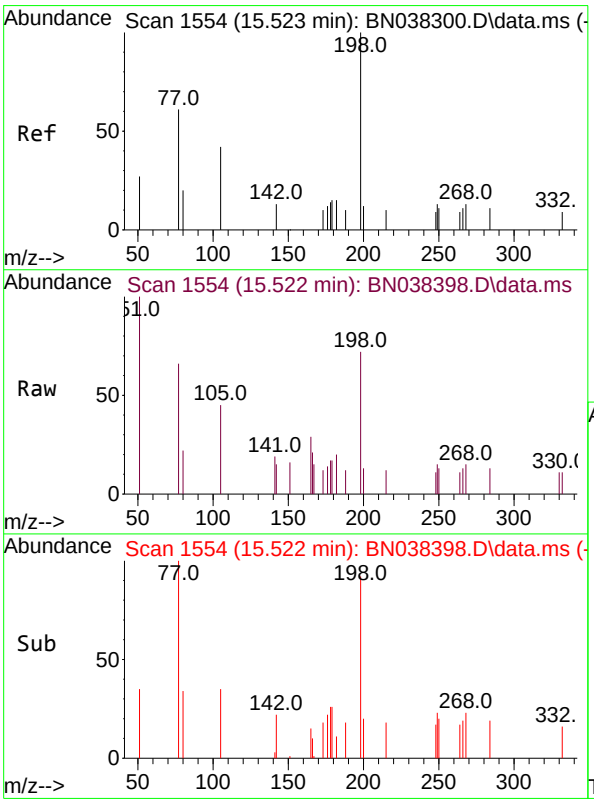
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14686

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	7.4	11.0#

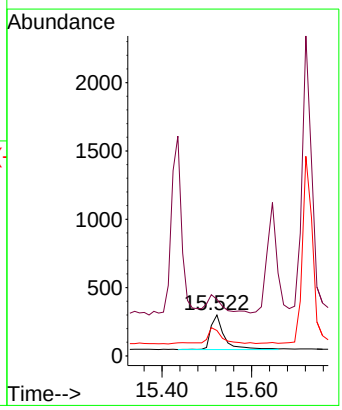


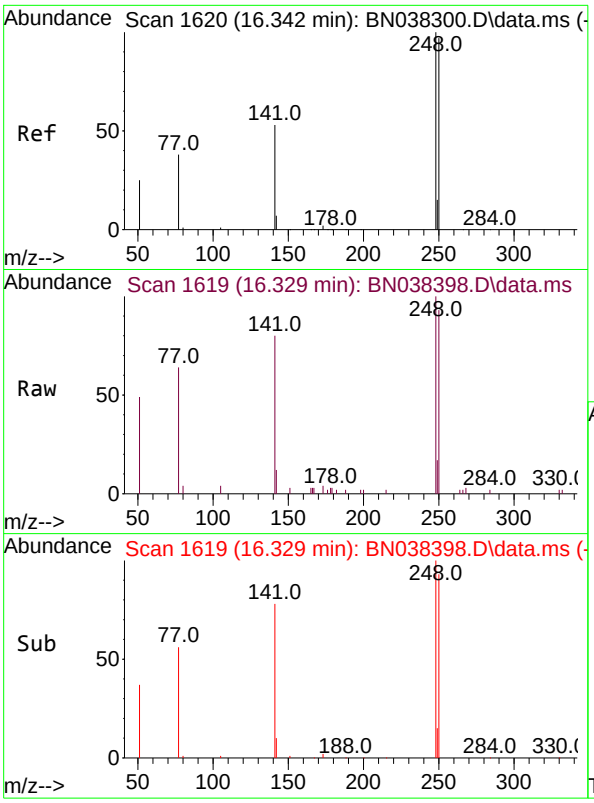


#20
4,6-Dinitro-2-methylphenol
Concen: 0.212 ng
RT: 15.522 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:198 Resp: 511

Ion	Ratio	Lower	Upper
198	100		
51	138.0	86.3	129.5#
105	62.0	45.3	67.9



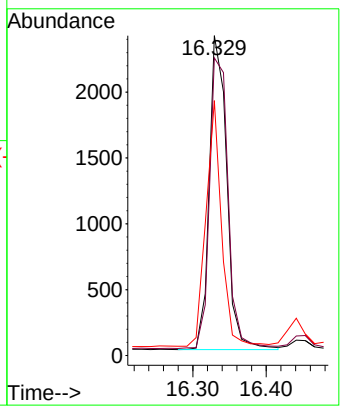


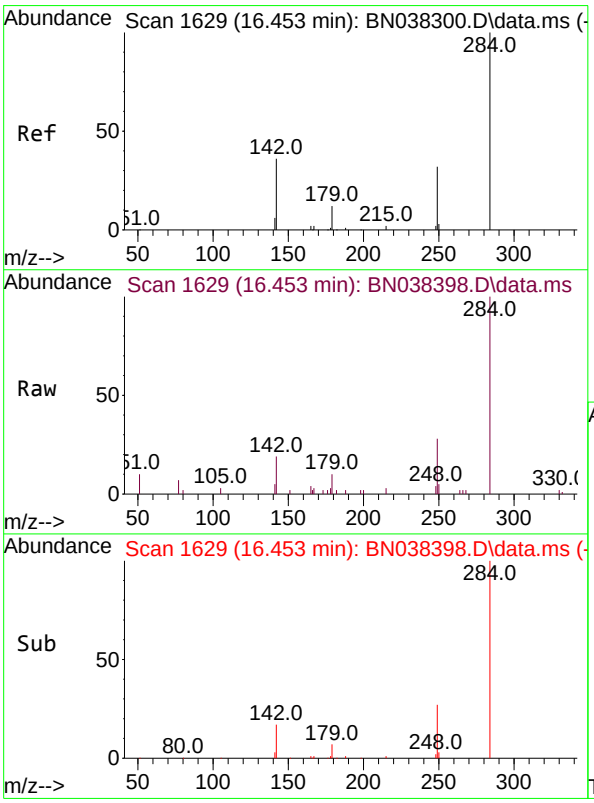
#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.329 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 3955

Ion	Ratio	Lower	Upper
248	100		
250	93.0	78.2	117.2
141	79.7	43.7	65.5#

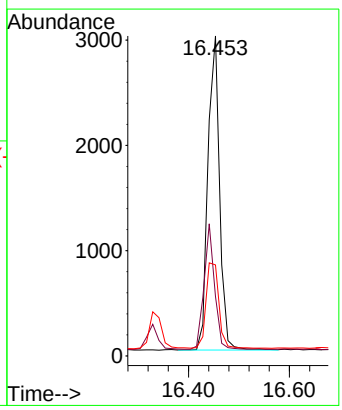


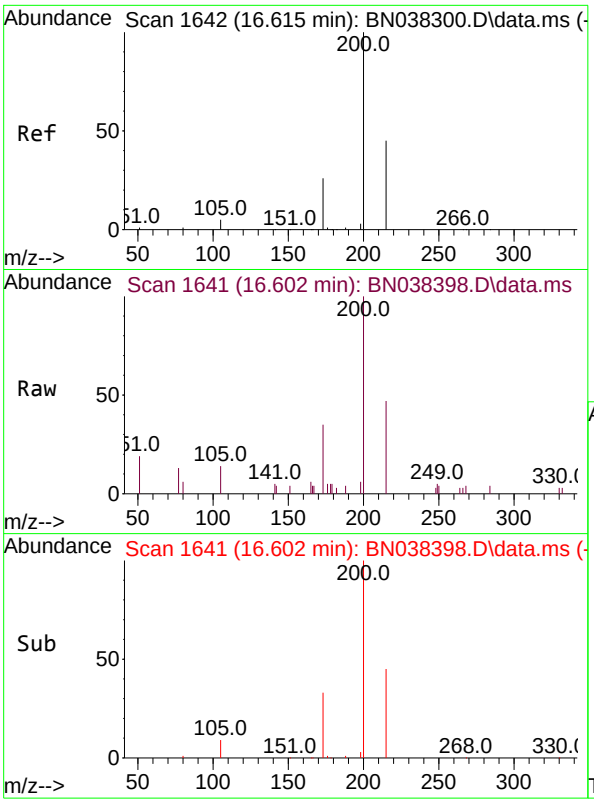


#22
Hexachlorobenzene
Concen: 0.365 ng
RT: 16.453 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:284 Resp: 4778

Ion	Ratio	Lower	Upper
284	100		
142	35.9	29.5	44.3
249	30.1	23.7	35.5



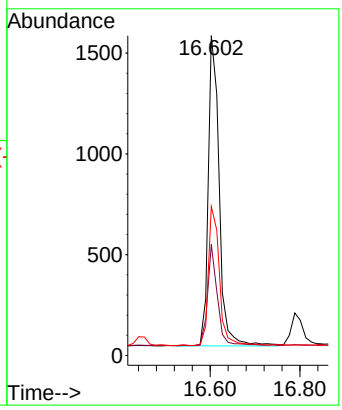


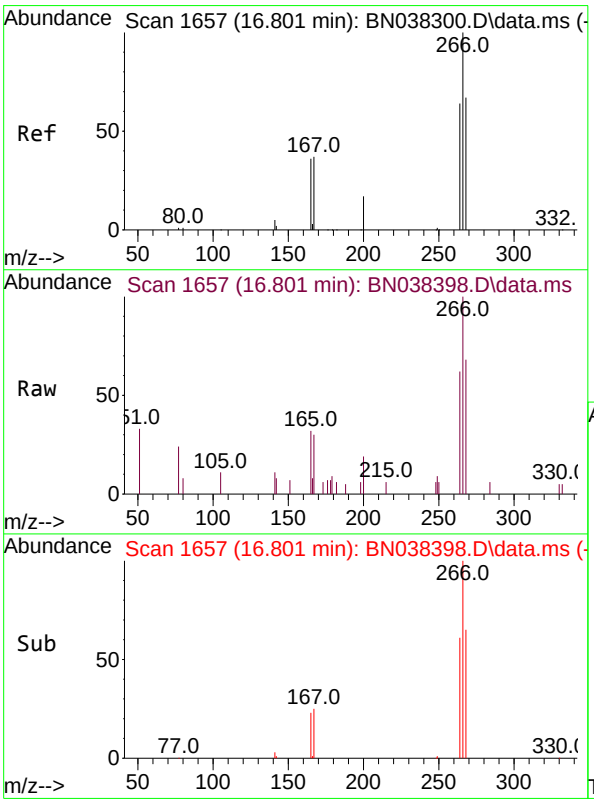
#23
Atrazine
Concen: 0.353 ng
RT: 16.602 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2621

Ion	Ratio	Lower	Upper
200	100		
173	34.7	22.1	33.1#
215	46.6	37.4	56.2

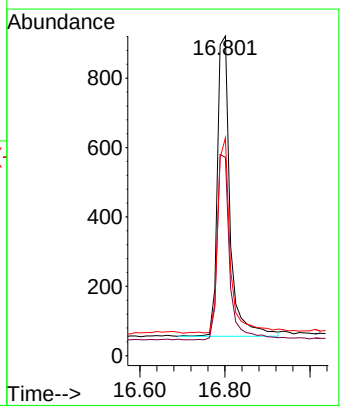


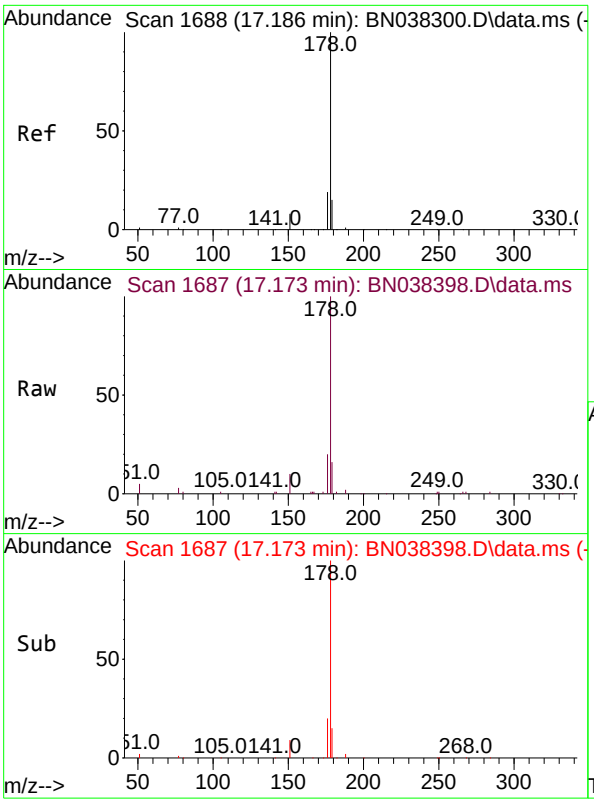


#24
Pentachlorophenol
Concen: 0.351 ng
RT: 16.801 min Scan# 1657
Delta R.T. -0.000 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:266 Resp: 1796

Ion	Ratio	Lower	Upper
266	100		
264	61.3	50.2	75.2
268	64.8	52.6	78.8



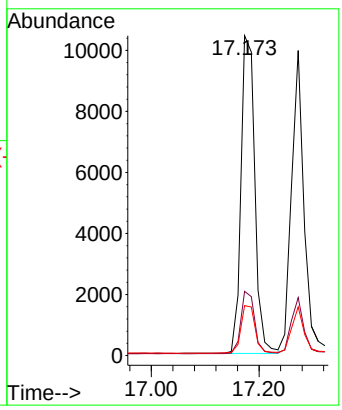


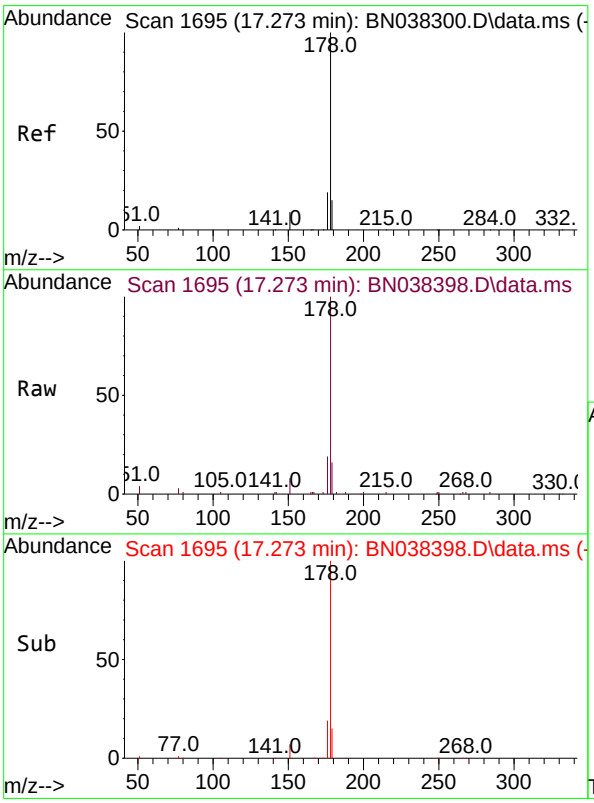
#25
Phenanthrene
Concen: 0.365 ng
RT: 17.173 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 18638

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

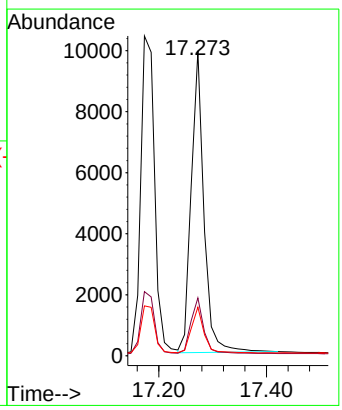


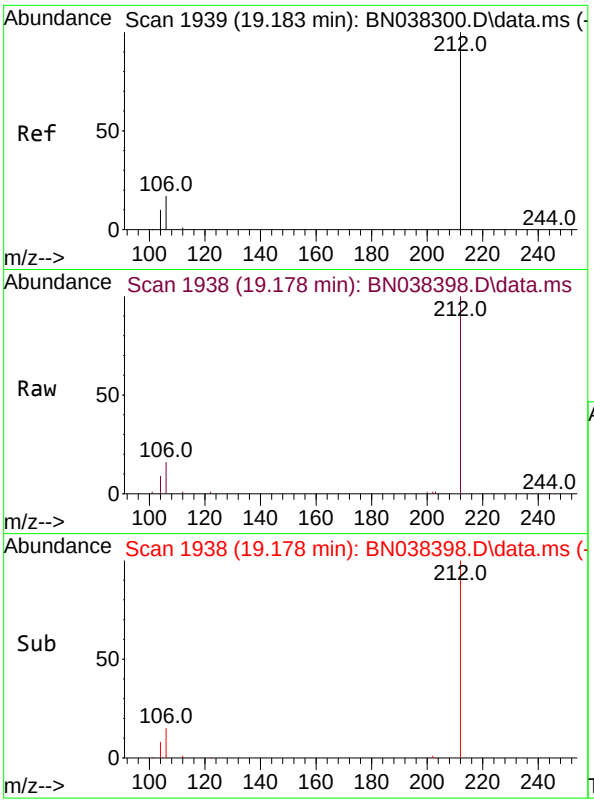


#26
Anthracene
Concen: 0.367 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:178 Resp: 16175

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	12.0	18.0



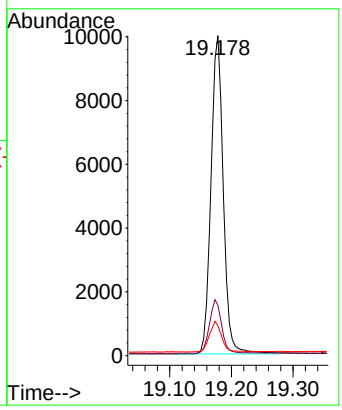


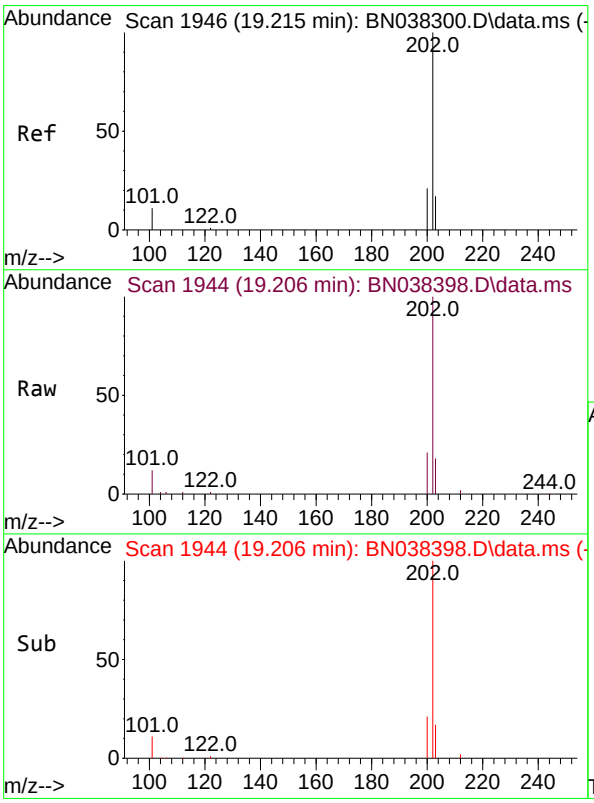
#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.178 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 13913

Ion	Ratio	Lower	Upper
212	100		
106	16.5	13.7	20.5
104	9.5	7.8	11.8

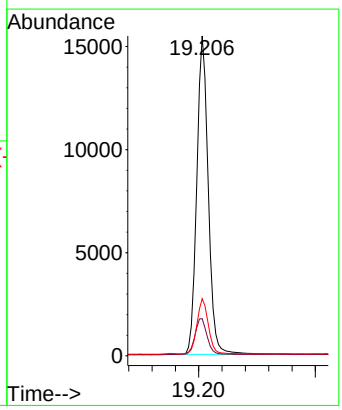


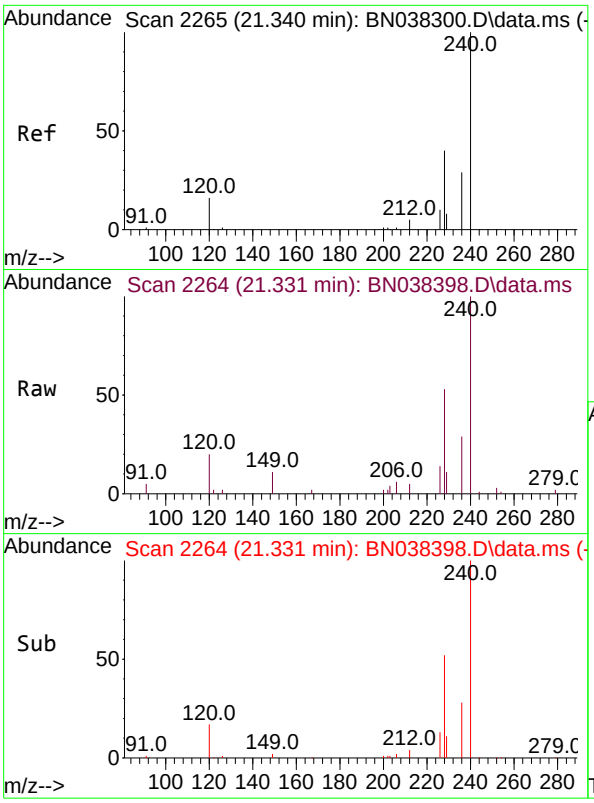


#28
Fluoranthene
Concen: 0.387 ng
RT: 19.206 min Scan# 1944
Delta R.T. -0.014 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:202 Resp: 21047

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.1	13.5	20.3



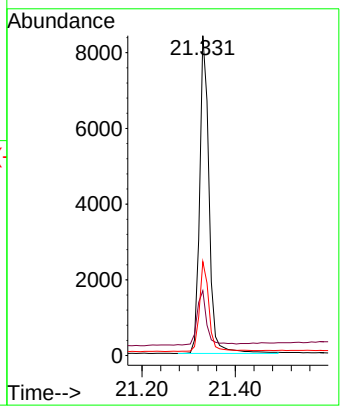


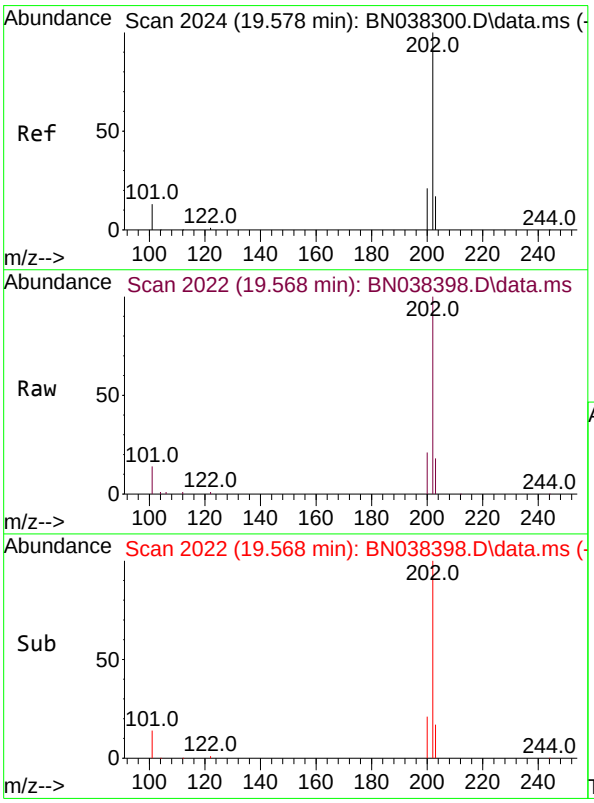
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 11727

Ion	Ratio	Lower	Upper
240	100		
120	20.3	15.4	23.2
236	29.4	23.9	35.9

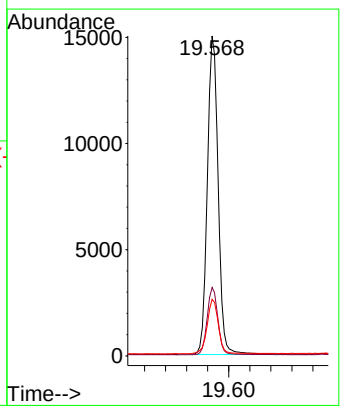


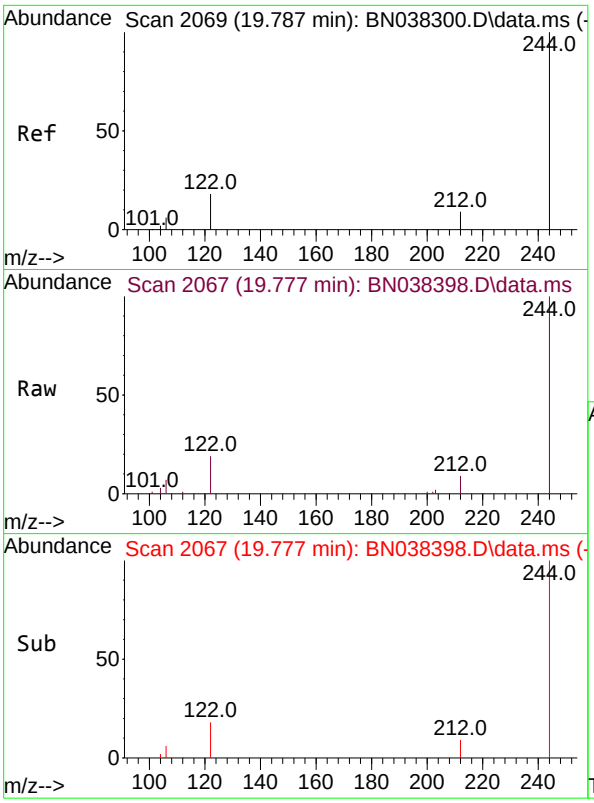


#30
Pyrene
Concen: 0.370 ng
RT: 19.568 min Scan# 2022
Delta R.T. -0.014 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:202 Resp: 21348

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.8	14.2	21.2



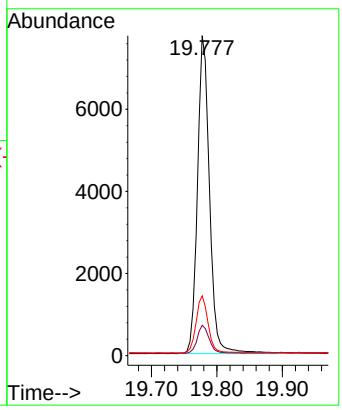


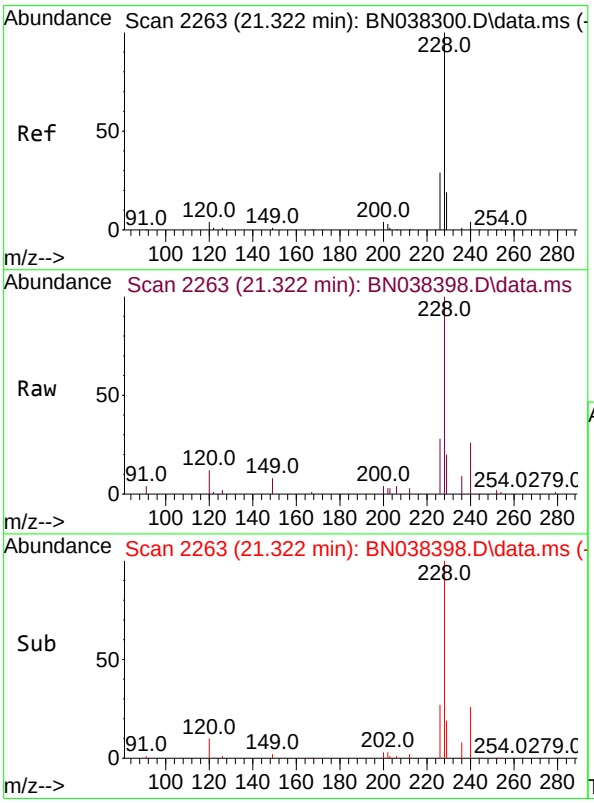
#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.777 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 9903

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	18.7	15.0	22.6

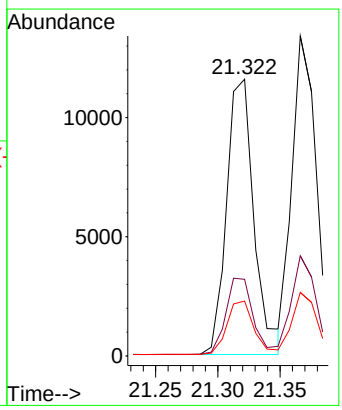


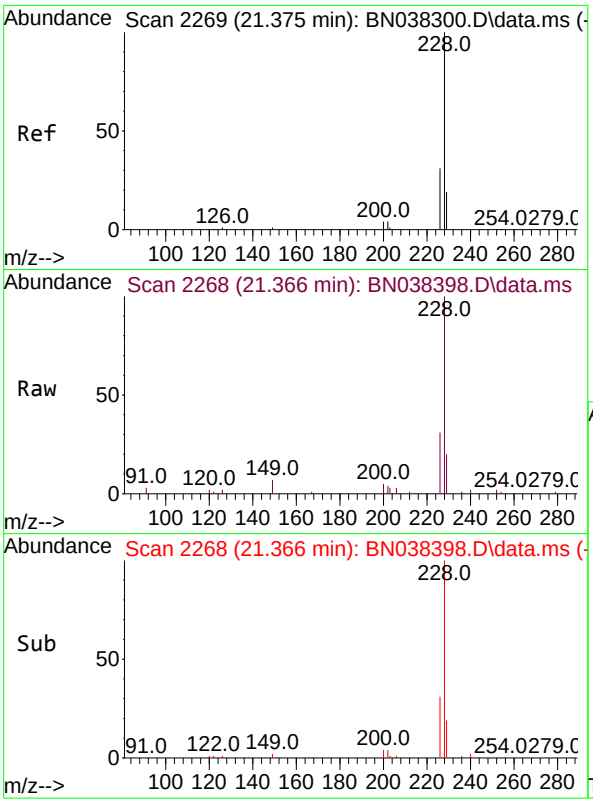


#32
Benzo(a)anthracene
Concen: 0.391 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.009 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:228 Resp: 17735

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.3	34.9
229	19.8	15.7	23.5



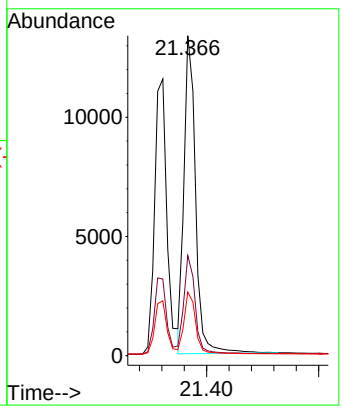


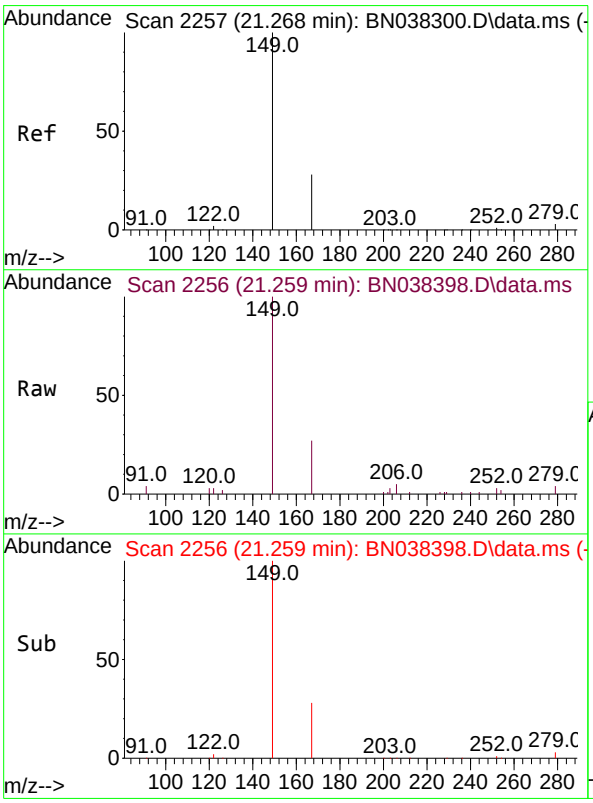
#33
Chrysene
Concen: 0.385 ng
RT: 21.366 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 19200

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	19.8	15.5	23.3

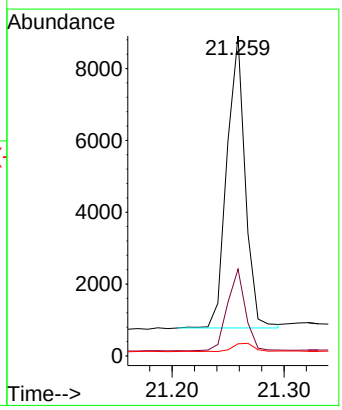


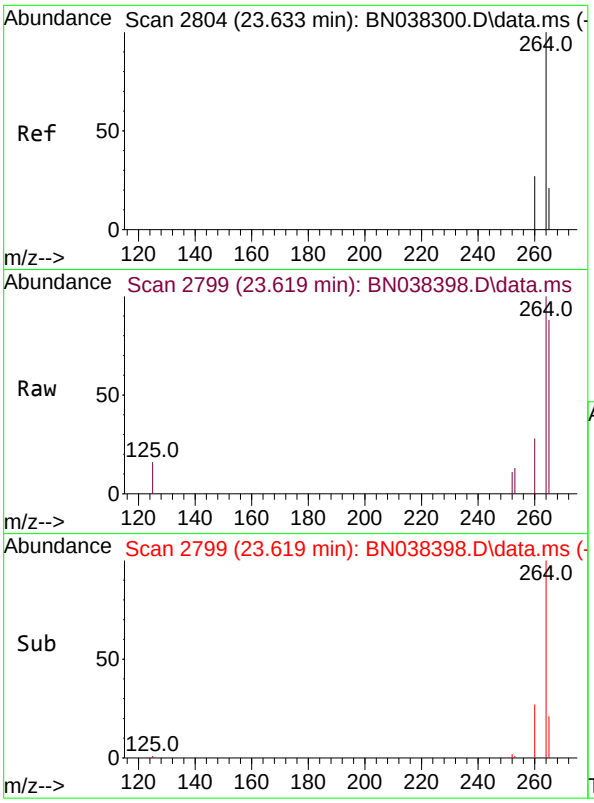


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:149 Resp: 9241

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.4	32.0
279	3.6	2.4	3.6



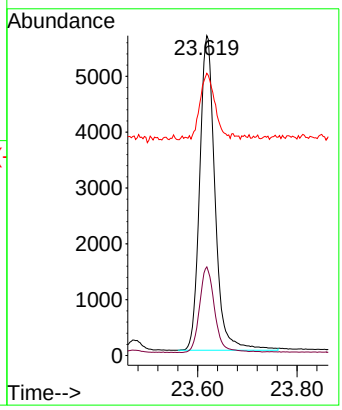


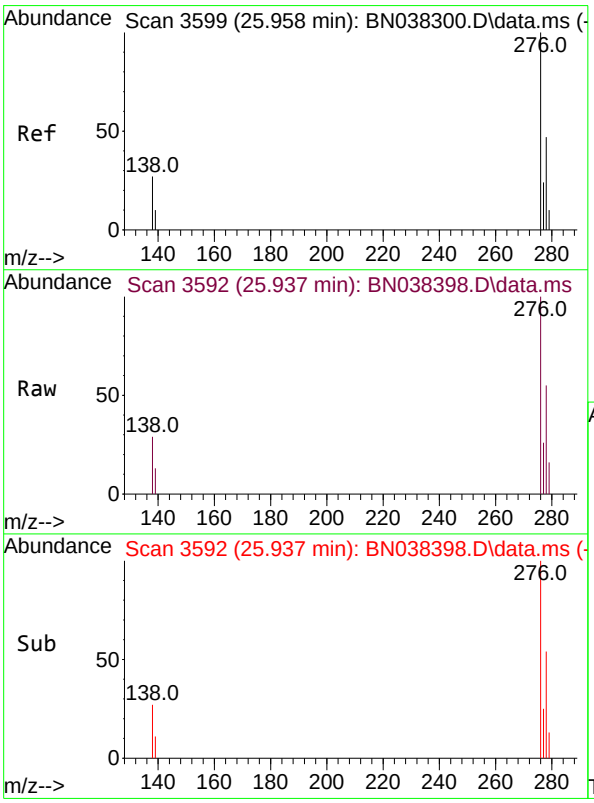
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.619 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 12057

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.2	33.2
265	88.2	80.2	120.2

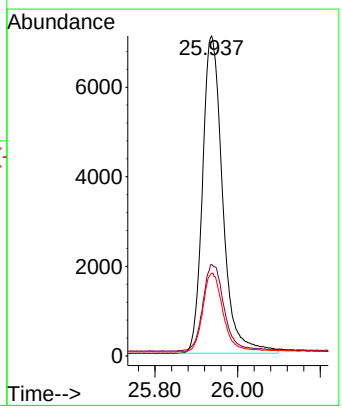


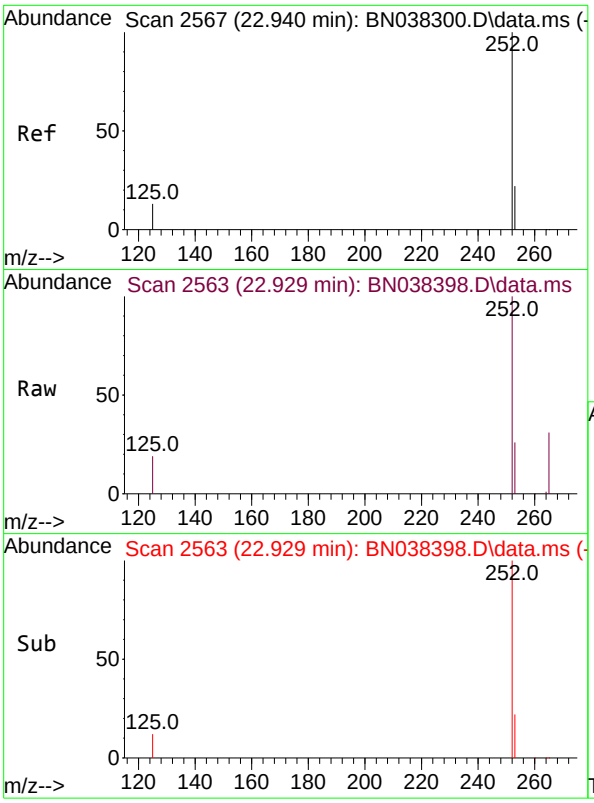


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 25.937 min Scan# 3592
Delta R.T. -0.026 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:276 Resp: 24036

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.6	35.4
277	24.6	19.7	29.5



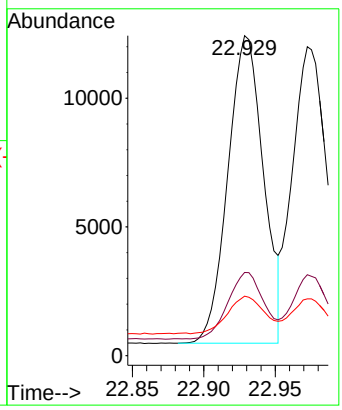


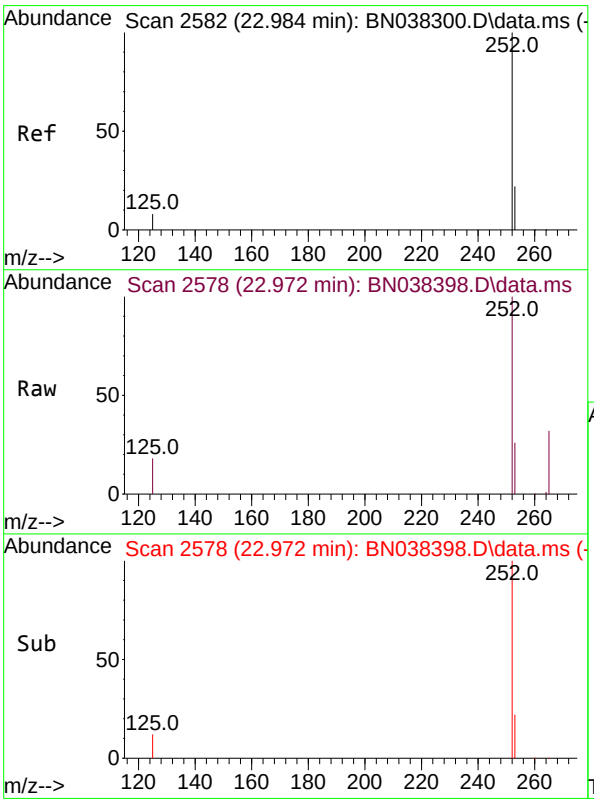
#37
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.929 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 20686

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.1	31.7
125	18.6	16.4	24.6

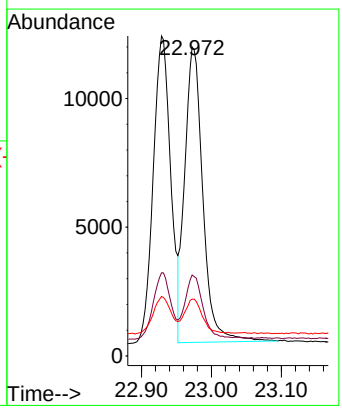


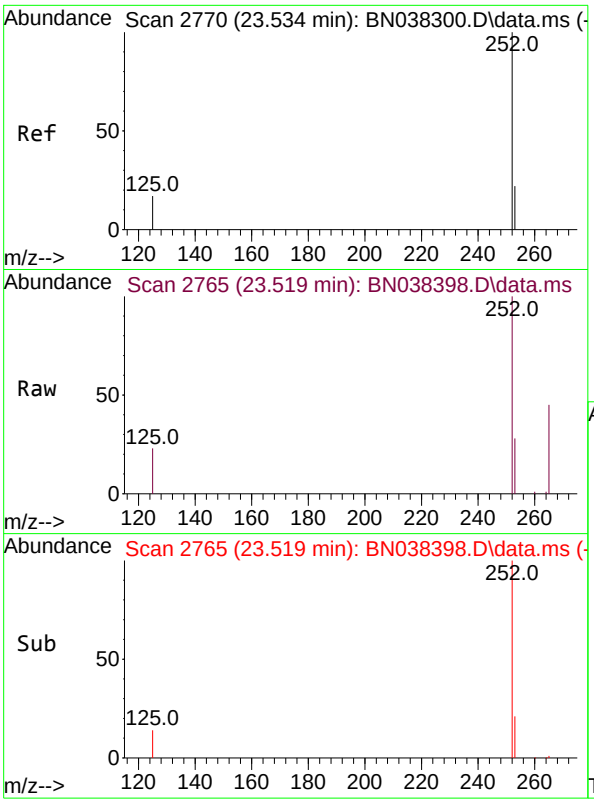


#38
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 22.972 min Scan# 2578
Delta R.T. -0.018 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:252 Resp: 20695

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.4	32.0
125	18.4	16.2	24.2



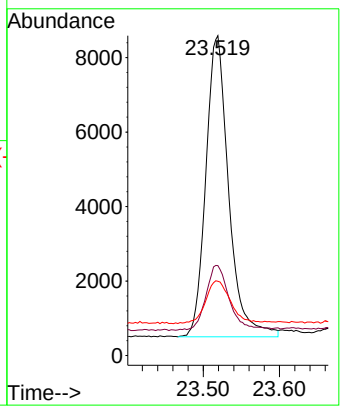


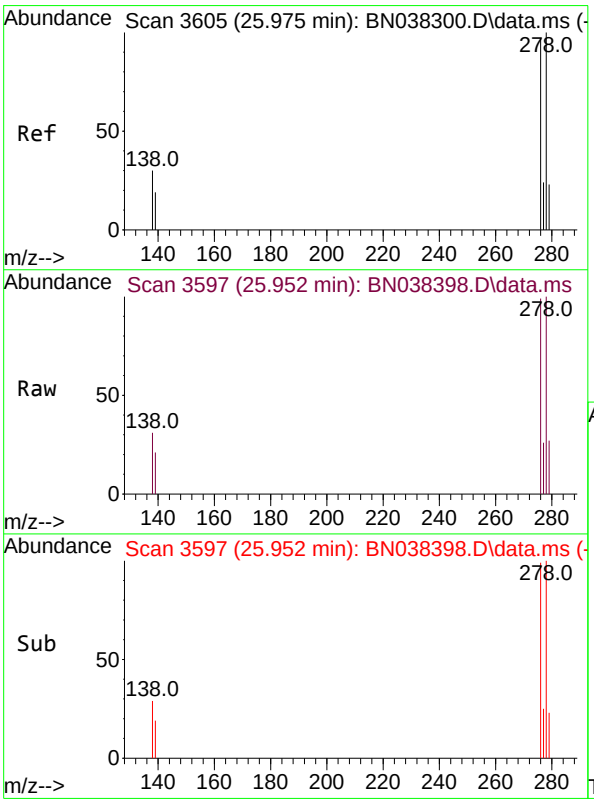
#39
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.519 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16839

Ion	Ratio	Lower	Upper
252	100		
253	28.1	23.3	34.9
125	23.2	22.4	33.6

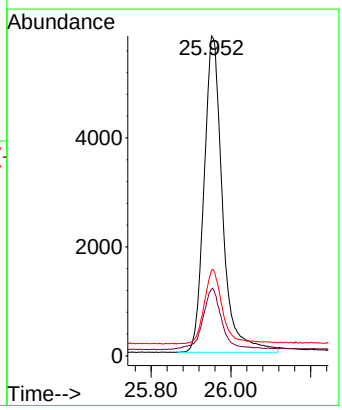


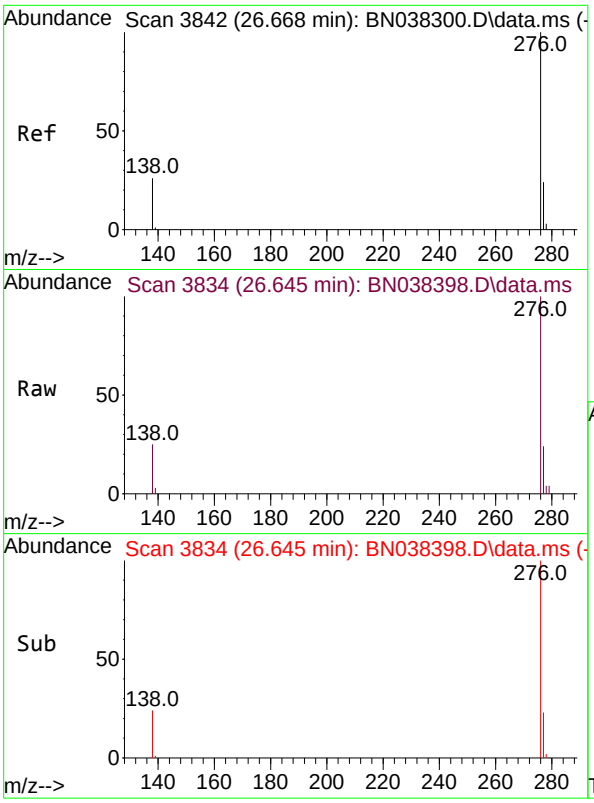


#40
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 25.952 min Scan# 3597
Delta R.T. -0.029 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Tgt Ion:278 Resp: 18667

Ion	Ratio	Lower	Upper
278	100		
139	20.8	17.8	26.8
279	26.9	21.3	31.9





#41
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 26.645 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN038398.D
Acq: 15 Dec 2025 10:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 21117

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.0	30.0
138	25.5	21.8	32.6