Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038402.D
Acq On : 15 Dec 2025 13:31
Operator : RC/JU
Sample : Q3839-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AM6MS

Quant Time: Dec 15 14:00:43 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	6046	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	15939	0.400	ng		-0.01
13) Acenaphthene-d10	14.388	164	8176	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	12315	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	9471	0.400	ng		0.00
35) Perylene-d12	23.619	264	11116	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	4867	0.323	ng		0.00
5) Phenol-d6	6.879	99	5415	0.303	ng		0.00
8) Nitrobenzene-d5	8.865	82	4322	0.321	ng		-0.01
11) 2-Methylnaphthalene-d10	12.116	152	6332	0.282	ng		-0.01
14) 2,4,6-Tribromophenol	15.882	330	931	0.257	ng		-0.01
15) 2-Fluorobiphenyl	13.003	172	13456	0.342	ng		0.00
27) Fluoranthene-d10	19.178	212	6382	0.210	ng		0.00
31) Terphenyl-d14	19.777	244	4192	0.198	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2193	0.316	ng	#	58
3) n-Nitrosodimethylamine	3.499	42	3023	0.348	ng	#	94
6) bis(2-Chloroethyl)ether	7.139	93	5956	0.340	ng		99
9) Naphthalene	10.562	128	16724	0.355	ng		100
10) Hexachlorobutadiene	10.861	225	2850	0.340	ng	#	100
12) 2-Methylnaphthalene	12.192	142	9763	0.326	ng		100
16) Acenaphthylene	14.099	152	14025	0.349	ng		99
17) Acenaphthene	14.452	154	8235	0.294	ng		98
18) Fluorene	15.435	166	10511	0.292	ng		96
20) 4,6-Dinitro-2-methylph...	15.523	198	450	0.222	ng		92
21) 4-Bromophenyl-phenylether	16.329	248	3093	0.339	ng	#	87
22) Hexachlorobenzene	16.453	284	3691	0.336	ng		97
23) Atrazine	16.602	200	2172	0.349	ng	#	94
24) Pentachlorophenol	16.789	266	1863	0.435	ng		97
25) Phenanthrene	17.173	178	16361	0.382	ng		99
26) Anthracene	17.273	178	13449	0.364	ng		99
28) Fluoranthene	19.206	202	23458	0.515	ng		100
30) Pyrene	19.568	202	23984	0.514	ng		99
32) Benzo(a)anthracene	21.322	228	20333	0.556	ng		98
33) Chrysene	21.366	228	20087	0.499	ng		99
34) Bis(2-ethylhexyl)phtha...	21.259	149	9610	0.479	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.937	276	25157	0.427	ng		97
37) Benzo(b)fluoranthene	22.929	252	24989	0.489	ng		98
38) Benzo(k)fluoranthene	22.973	252	20158	0.396	ng		100
39) Benzo(a)pyrene	23.519	252	21508	0.515	ng	#	93
40) Dibenzo(a,h)anthracene	25.952	278	16839	0.370	ng		98
41) Benzo(g,h,i)perylene	26.645	276	21661	0.426	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
Data File : BN038402.D
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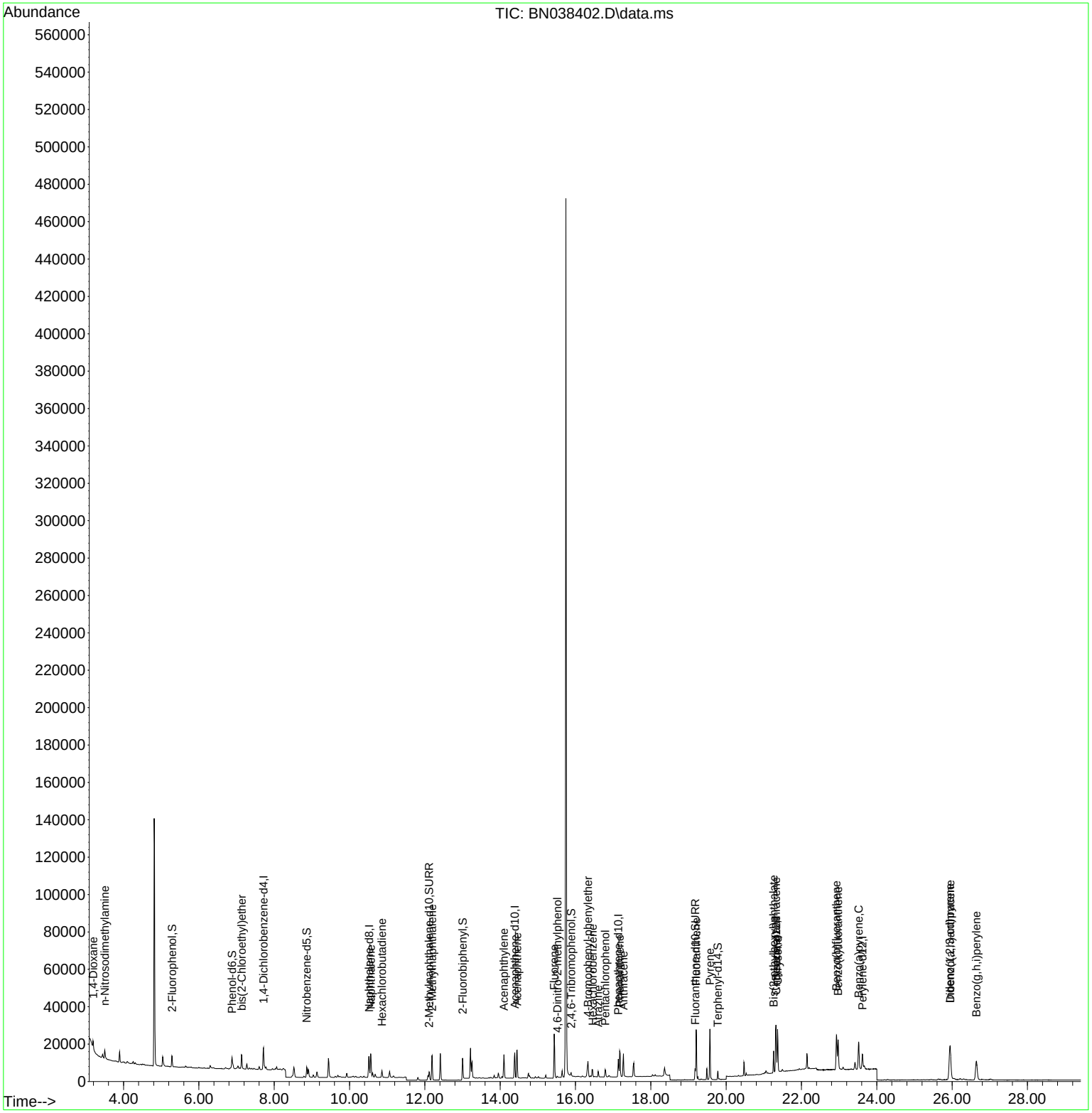
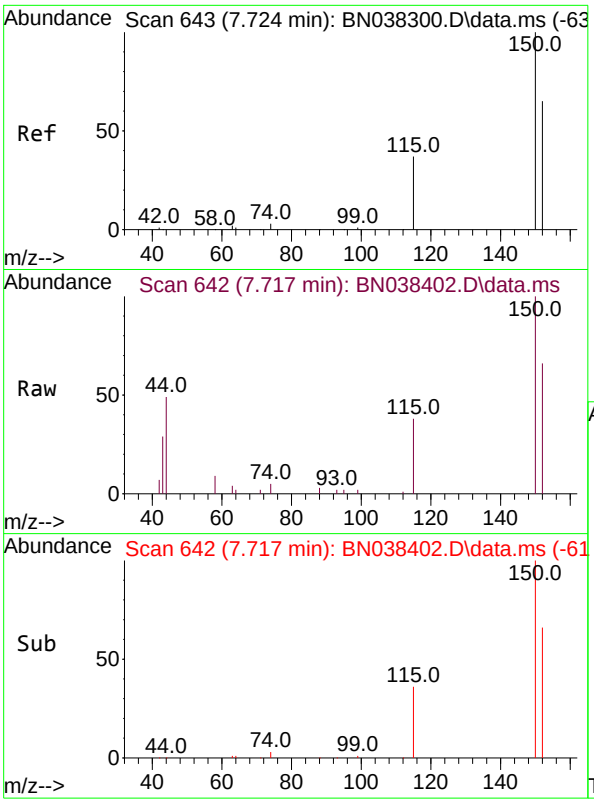
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Quant Time: Dec 15 14:00:43 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



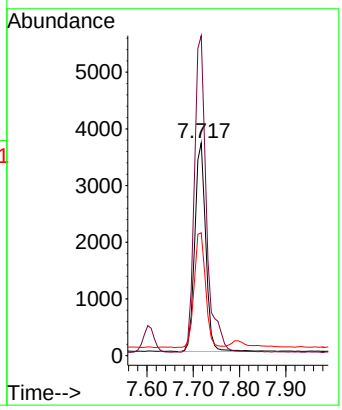


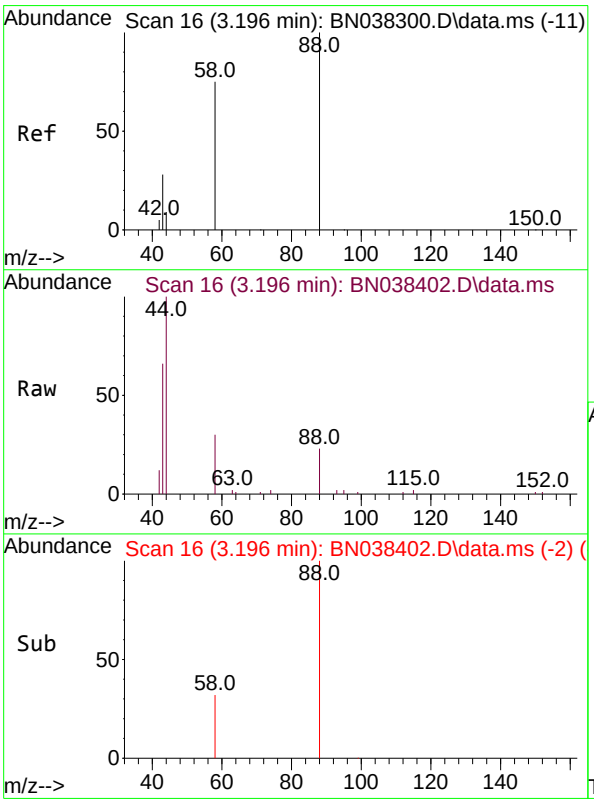
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:152 Resp: 6046

Ion	Ratio	Lower	Upper
152	100		
150	150.5	122.4	183.6
115	57.8	47.3	70.9

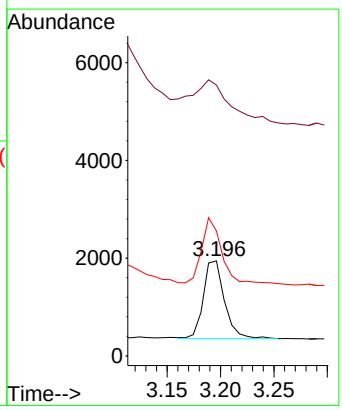


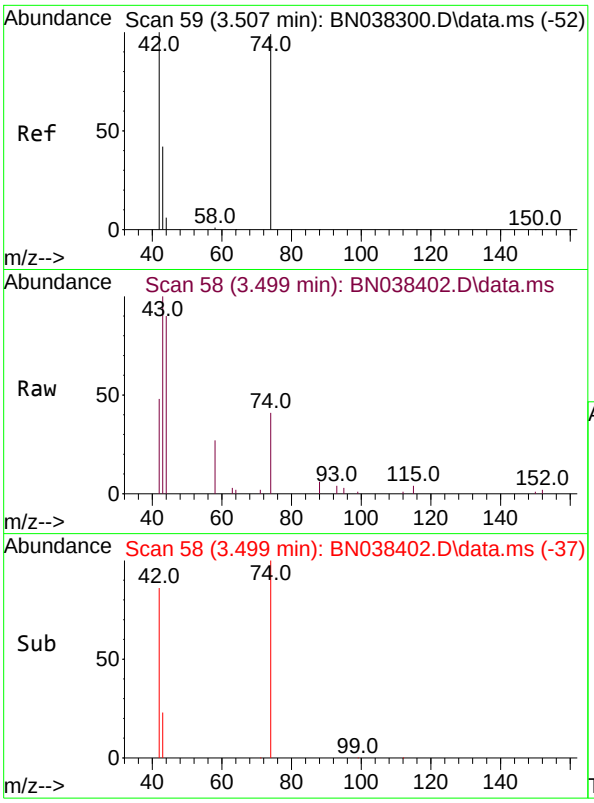


#2
1,4-Dioxane
Concen: 0.316 ng
RT: 3.196 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion: 88 Resp: 2193

Ion	Ratio	Lower	Upper
88	100		
43	103.5	24.9	37.3#
58	81.4	61.4	92.0



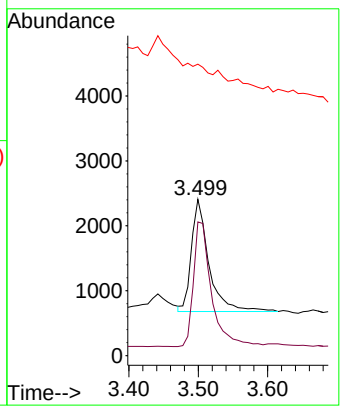


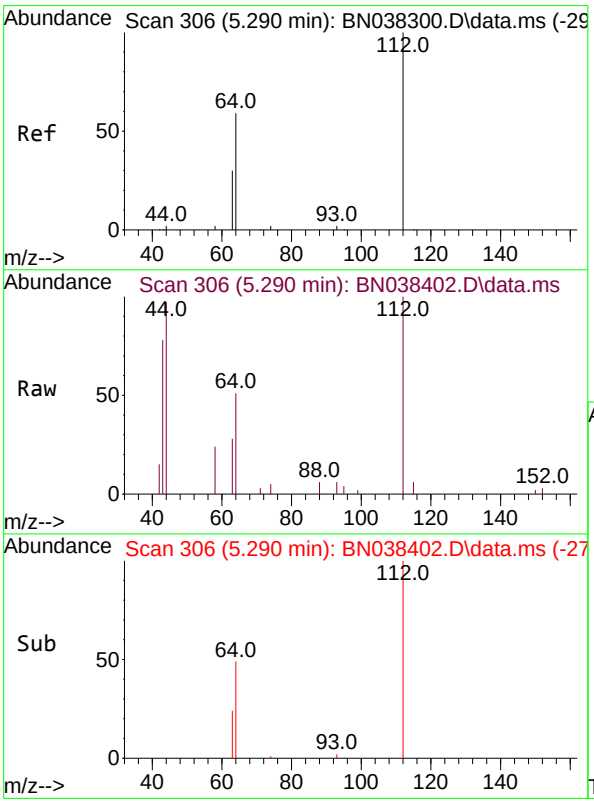
#3
n-Nitrosodimethylamine
Concen: 0.348 ng
RT: 3.499 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion: 42 Resp: 3023

Ion	Ratio	Lower	Upper
42	100		
74	114.5	95.3	142.9
44	0.0	7.9	11.9#

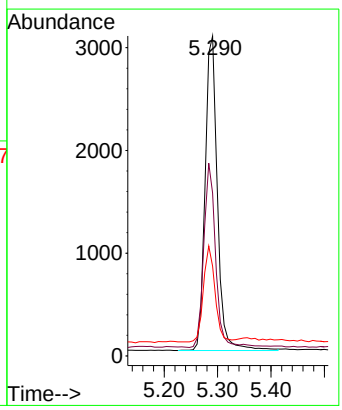


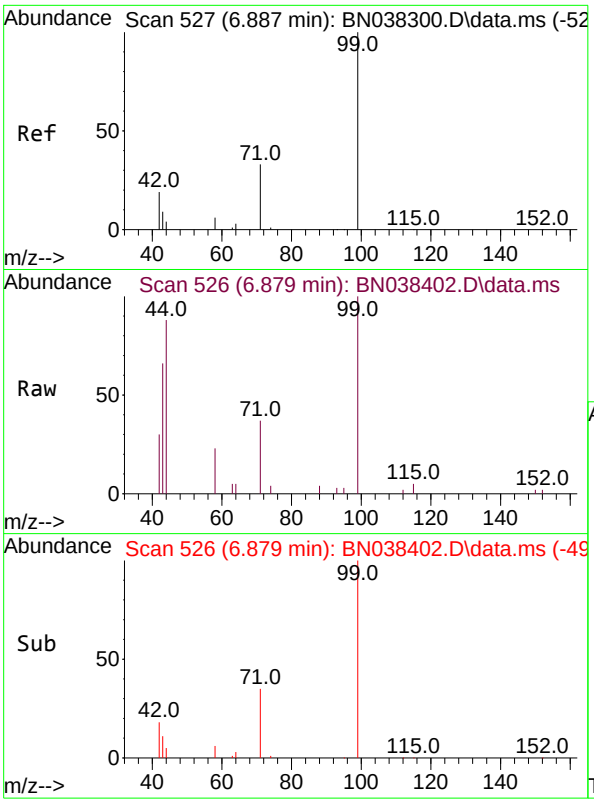


#4
2-Fluorophenol
Concen: 0.323 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:112 Resp: 4867

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.4	66.6
63	28.8	23.4	35.0



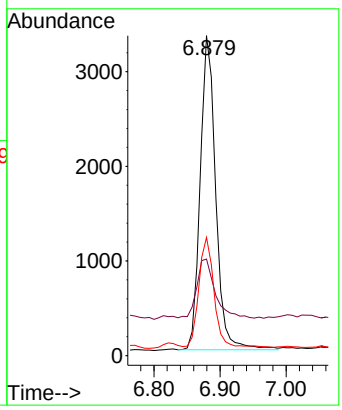


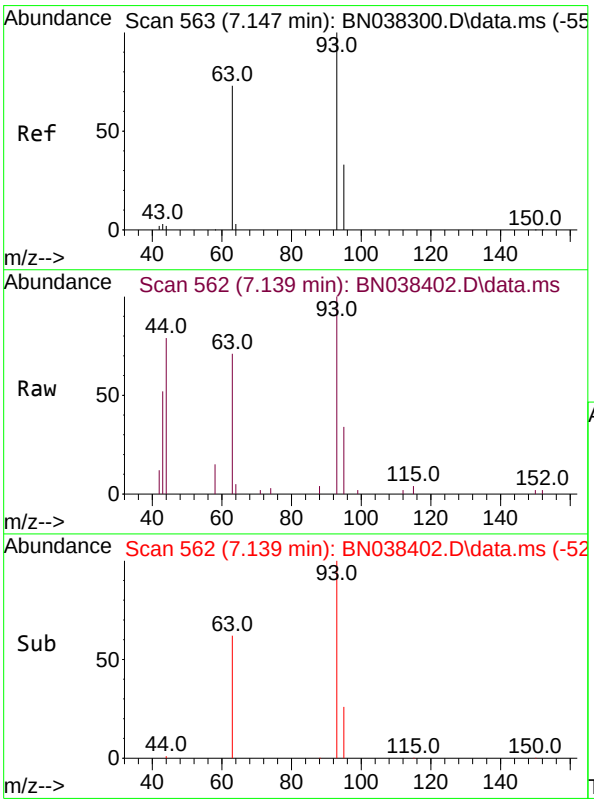
#5
Phenol-d6
Concen: 0.303 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion: 99 Resp: 5415

Ion	Ratio	Lower	Upper
99	100		
42	22.5	16.5	24.7
71	34.7	24.9	37.3

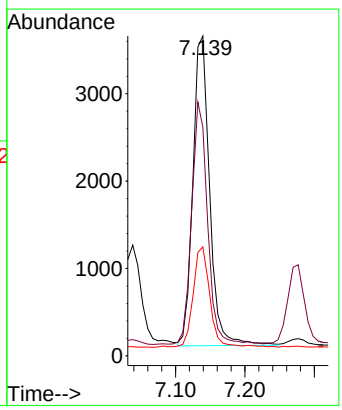


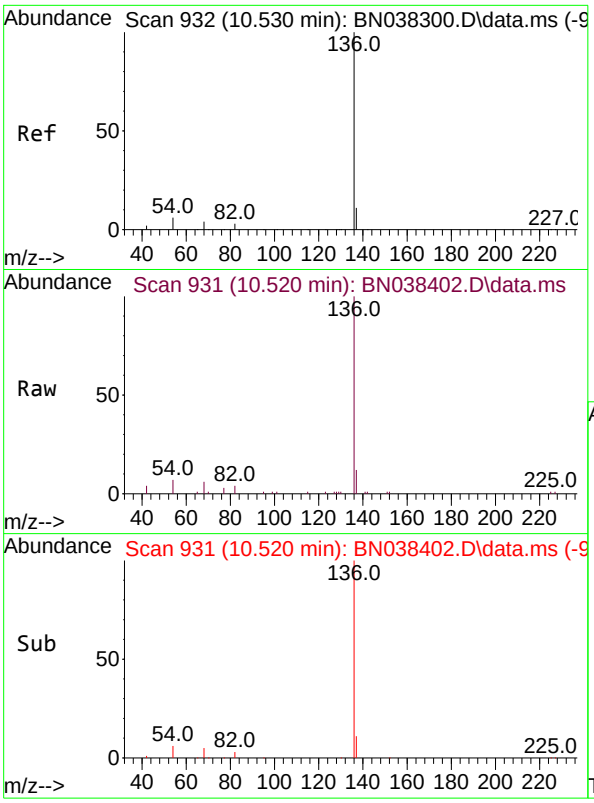


#6
bis(2-Chloroethyl)ether
Concen: 0.340 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.007 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion: 93 Resp: 5956

Ion	Ratio	Lower	Upper
93	100		
63	74.4	59.2	88.8
95	31.1	25.2	37.8



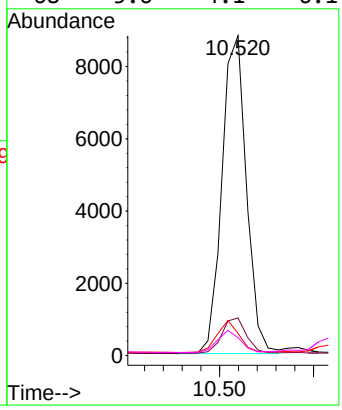


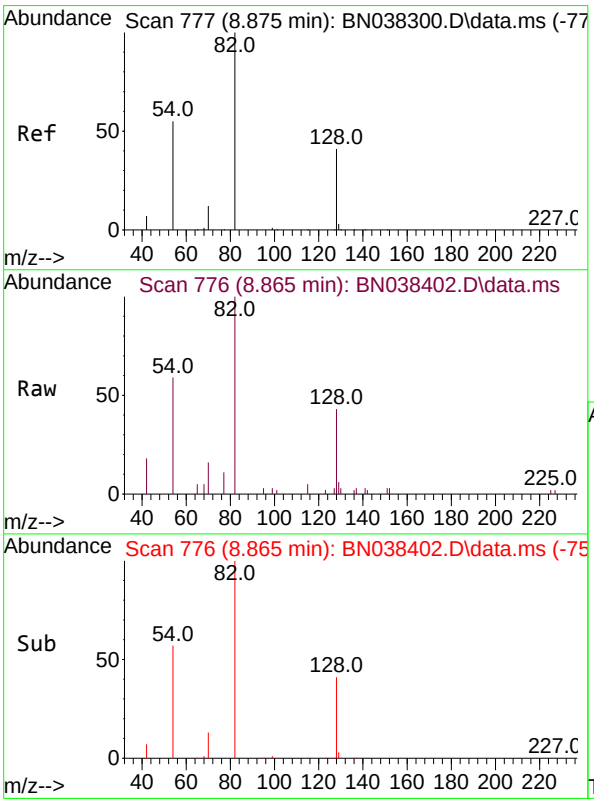
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:136 Resp: 15939

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	6.9	5.2	7.8
68	5.6	4.1	6.1

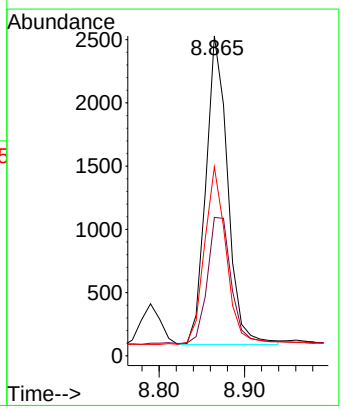


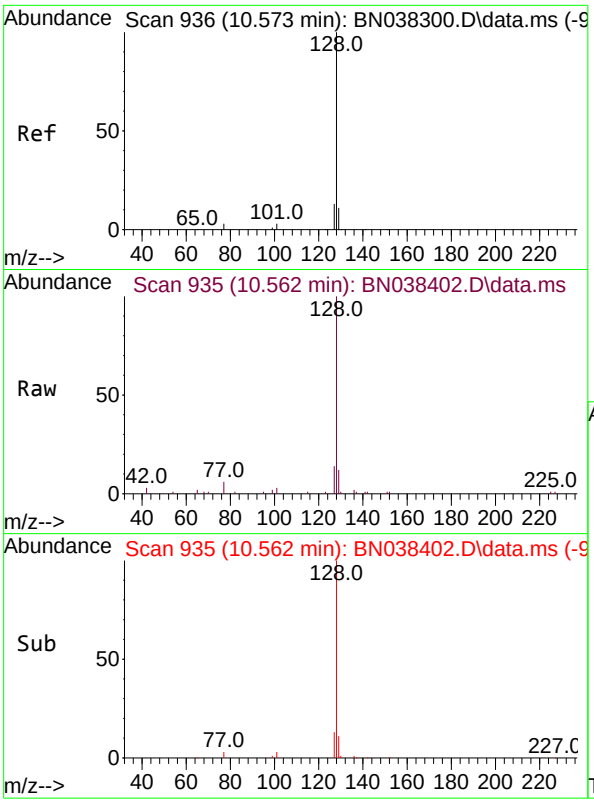


#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion: 82 Resp: 4322

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	59.1	44.4	66.6



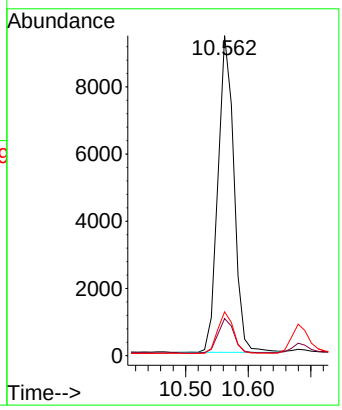


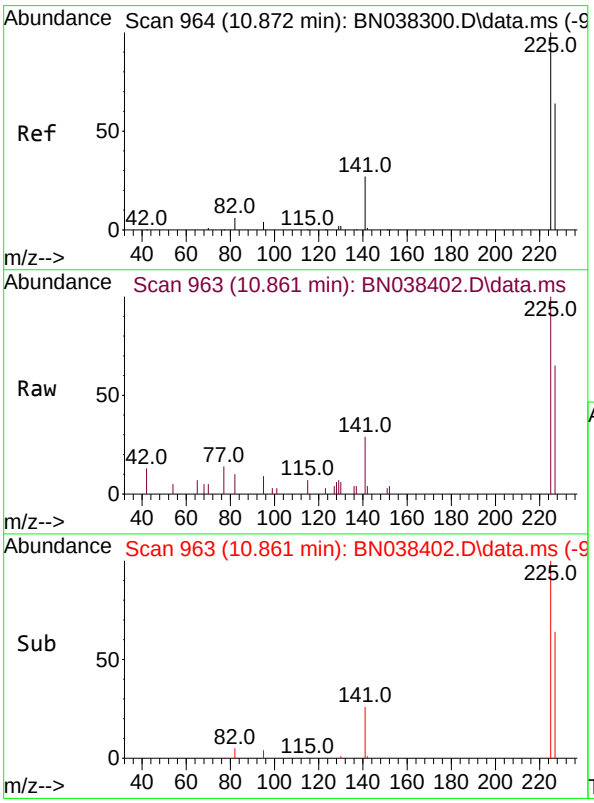
#9
Naphthalene
Concen: 0.355 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:128 Resp: 16724

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.7	10.9	16.3

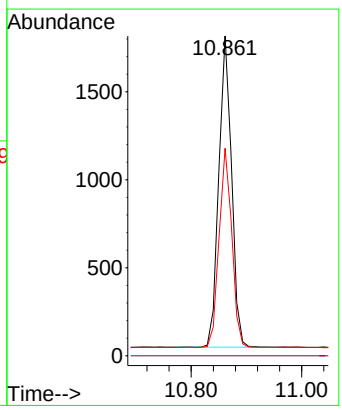


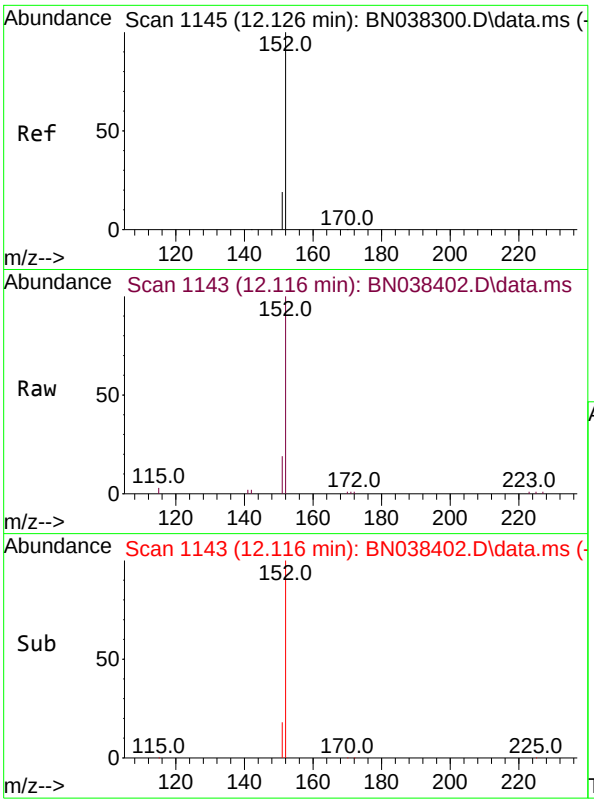


#10
Hexachlorobutadiene
Concen: 0.340 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.011 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:225 Resp: 2850

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.2	76.8



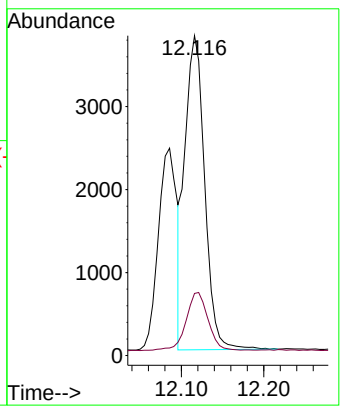


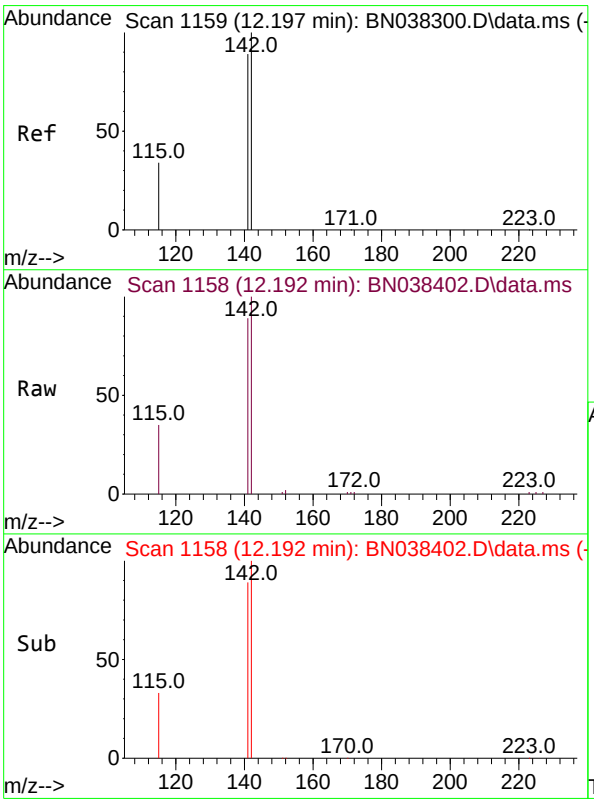
#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.116 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:152 Resp: 6332

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6

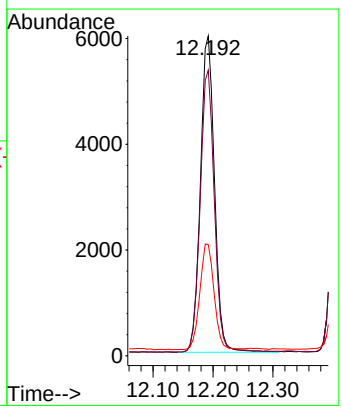


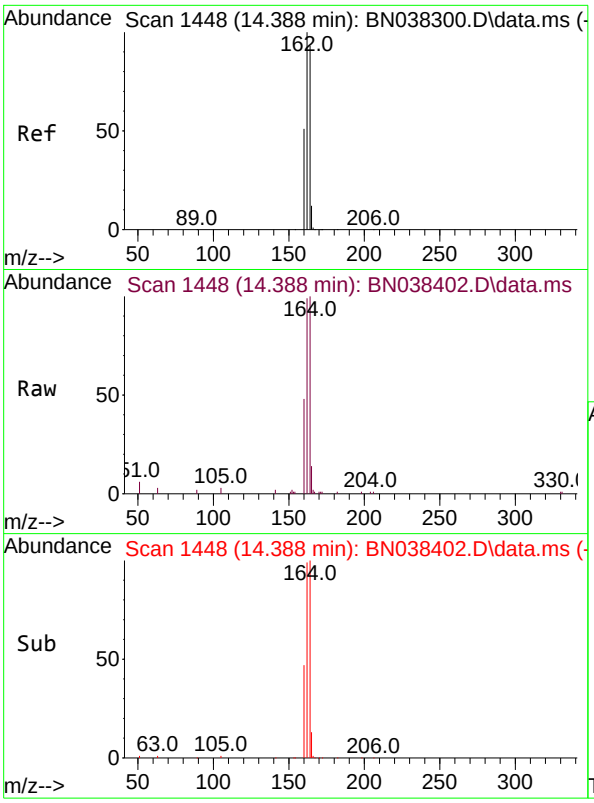


#12
2-Methylnaphthalene
Concen: 0.326 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:142 Resp: 9763

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	34.8	28.4	42.6



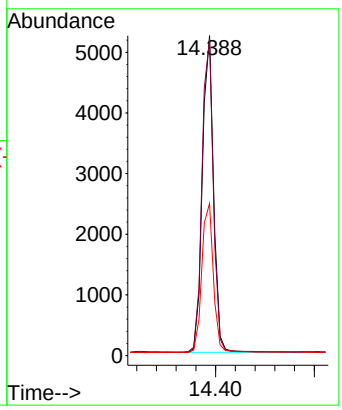


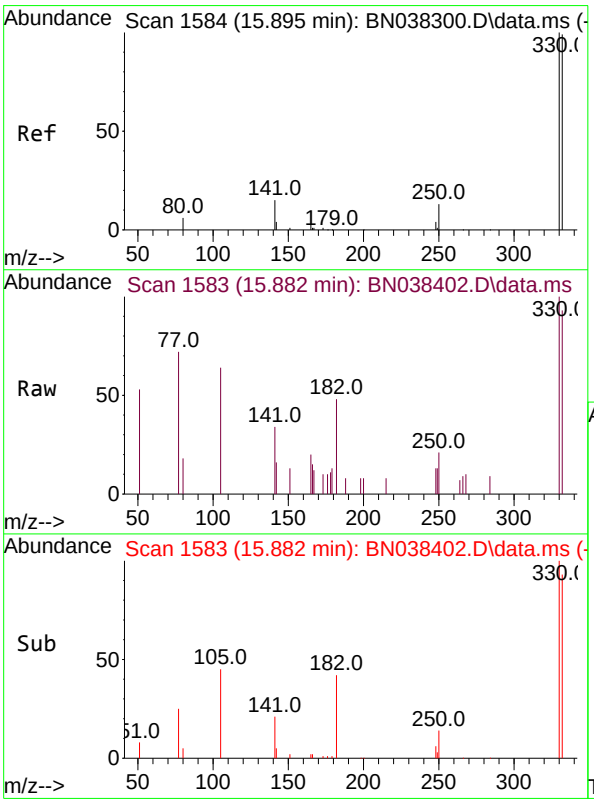
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:164 Resp: 8176

Ion	Ratio	Lower	Upper
164	100		
162	99.0	86.2	129.4
160	47.6	44.6	67.0

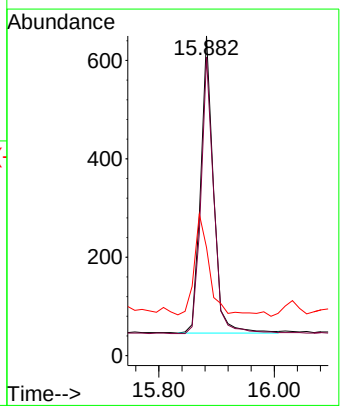


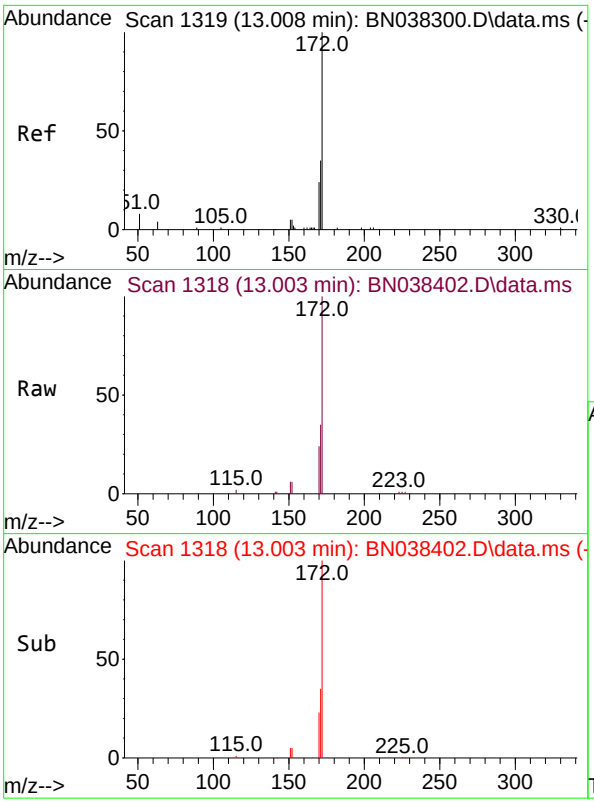


#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:330 Resp: 931

Ion	Ratio	Lower	Upper
330	100		
332	93.2	75.8	113.6
141	42.1	31.8	47.8



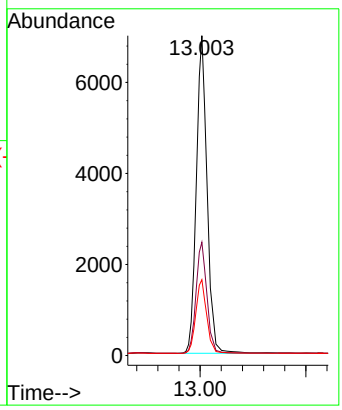


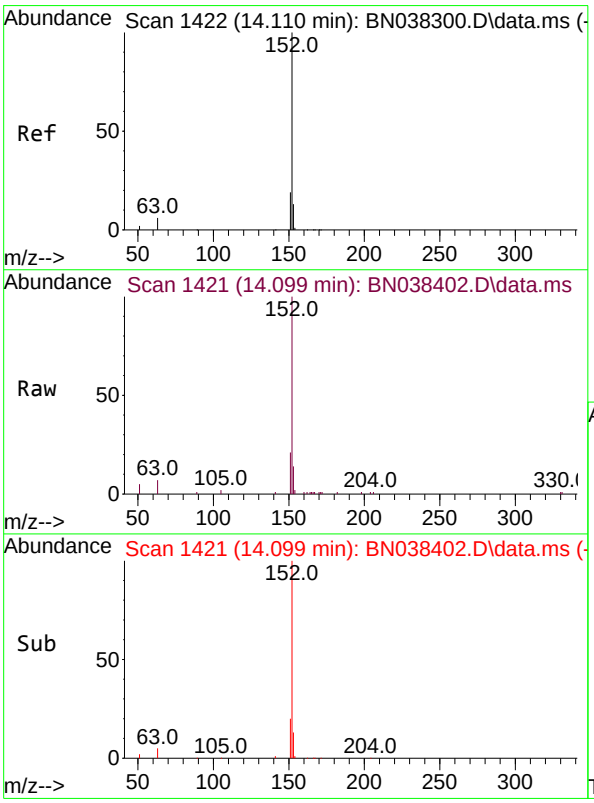
#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:172 Resp: 13456

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.7	19.3	28.9

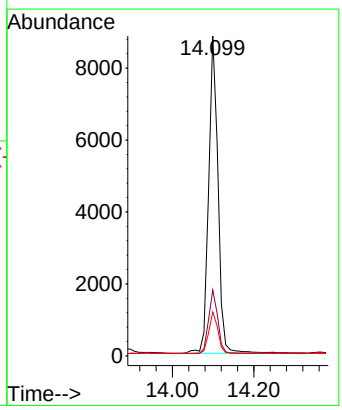


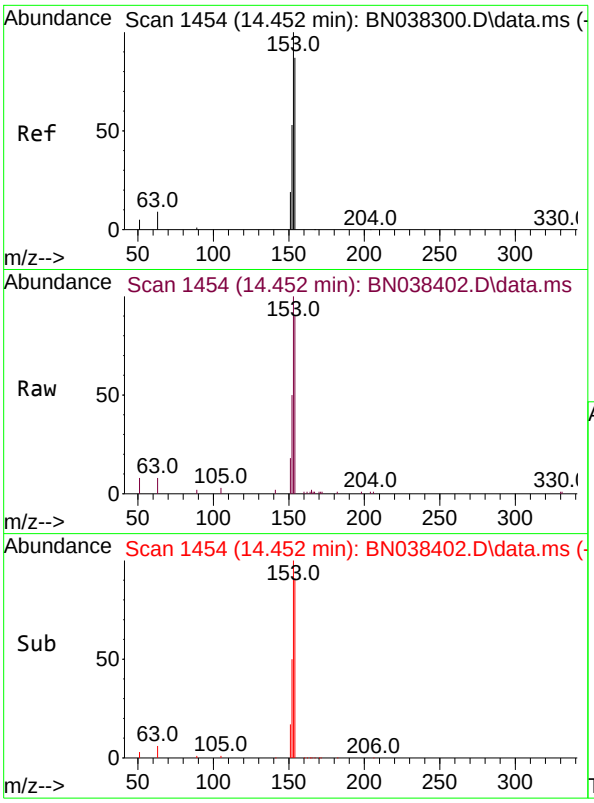


#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:152 Resp: 14025

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



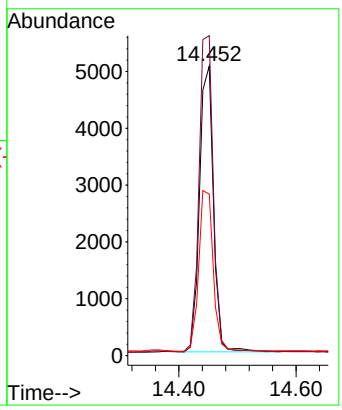


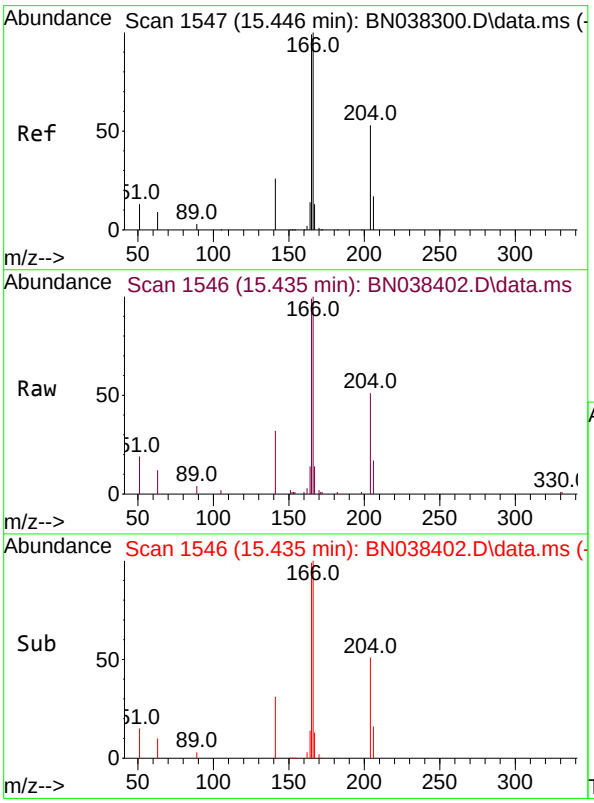
#17
Acenaphthene
Concen: 0.294 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:154 Resp: 8235

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.8	134.8
152	58.6	47.5	71.3

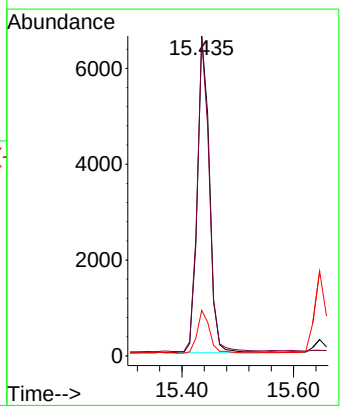


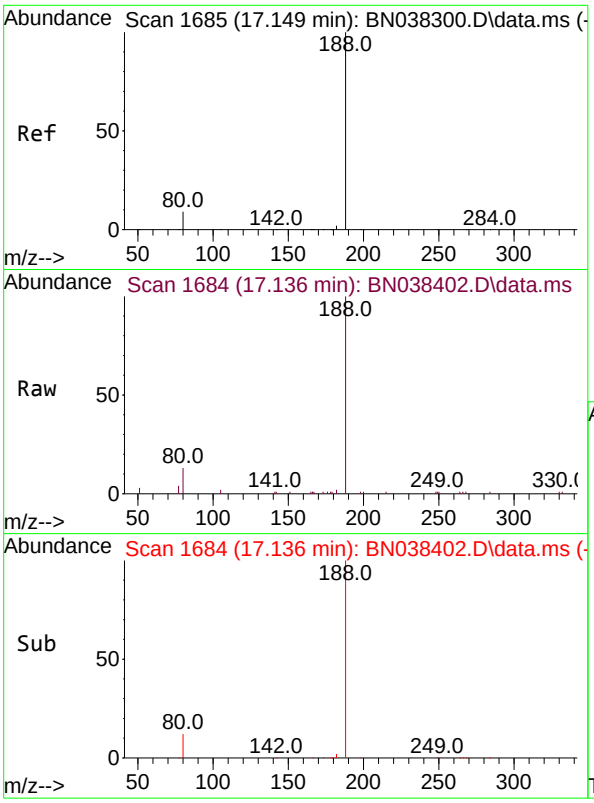


#18
Fluorene
Concen: 0.292 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:166 Resp: 10511

Ion	Ratio	Lower	Upper
166	100		
165	95.9	80.2	120.4
167	13.1	10.6	16.0



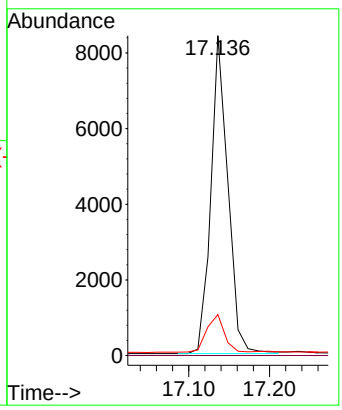


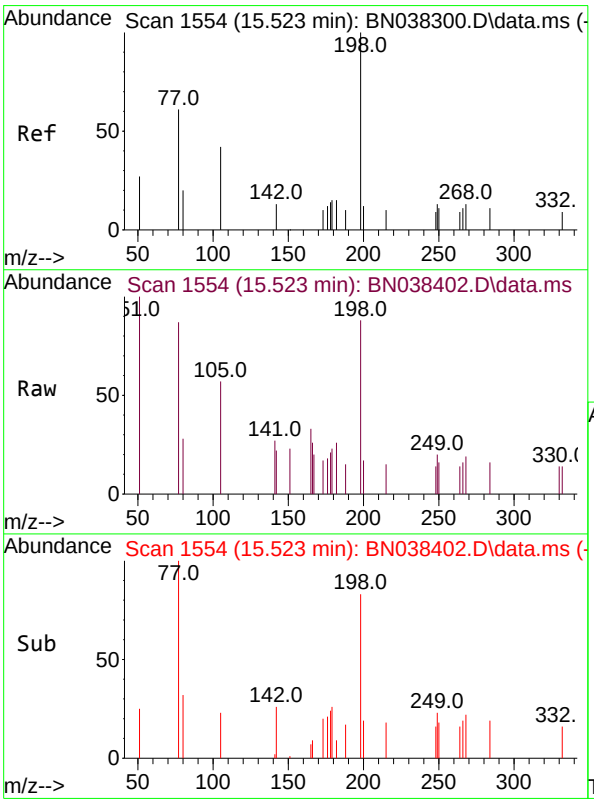
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:188 Resp: 12315

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	7.4	11.0#

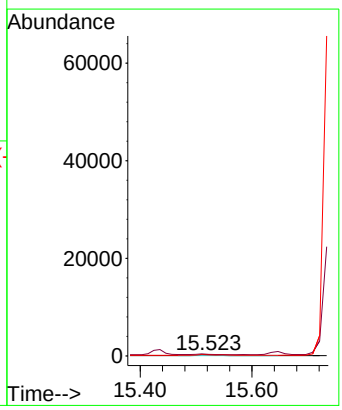


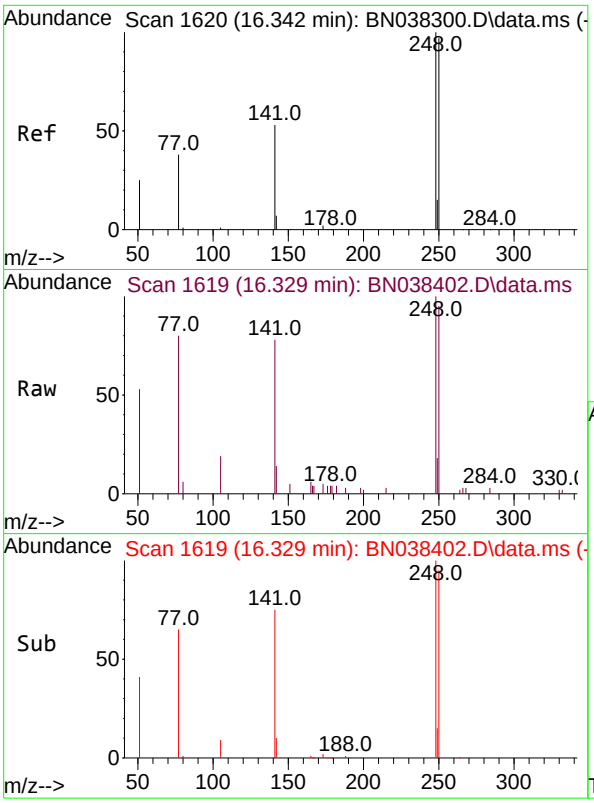


#20
4,6-Dinitro-2-methylphenol
Concen: 0.222 ng
RT: 15.523 min Scan# 1554
Delta R.T. 0.001 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:198 Resp: 450

Ion	Ratio	Lower	Upper
198	100		
51	114.2	86.3	129.5
105	64.7	45.3	67.9



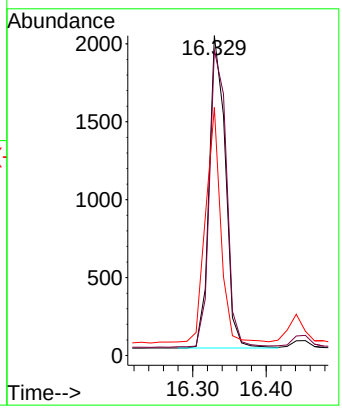


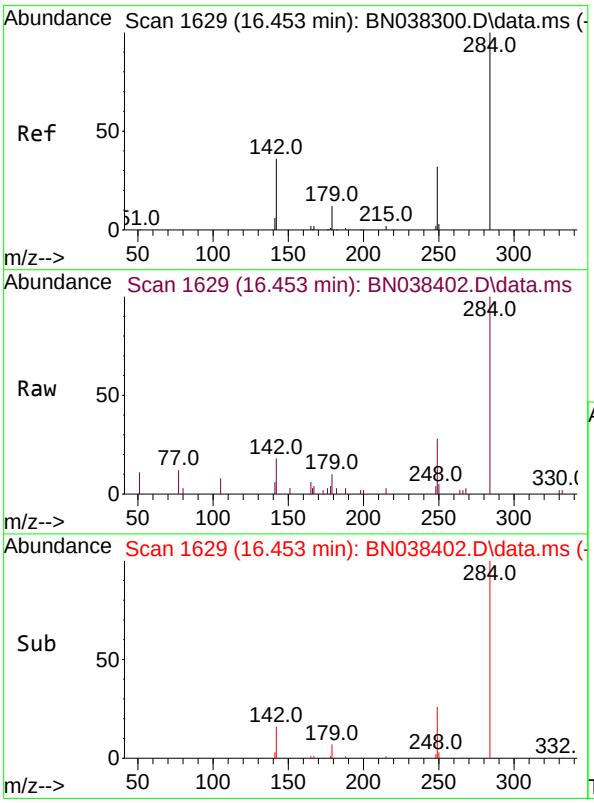
#21
4-Bromophenyl-phenylether
Concen: 0.339 ng
RT: 16.329 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:248 Resp: 3093

Ion	Ratio	Lower	Upper
248	100		
250	95.4	78.2	117.2
141	77.5	43.7	65.5#

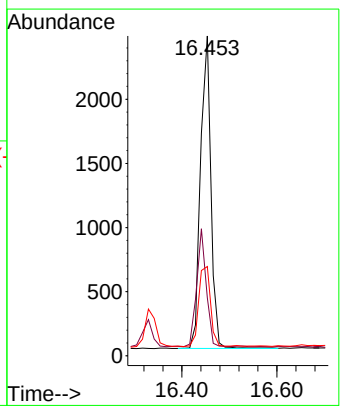


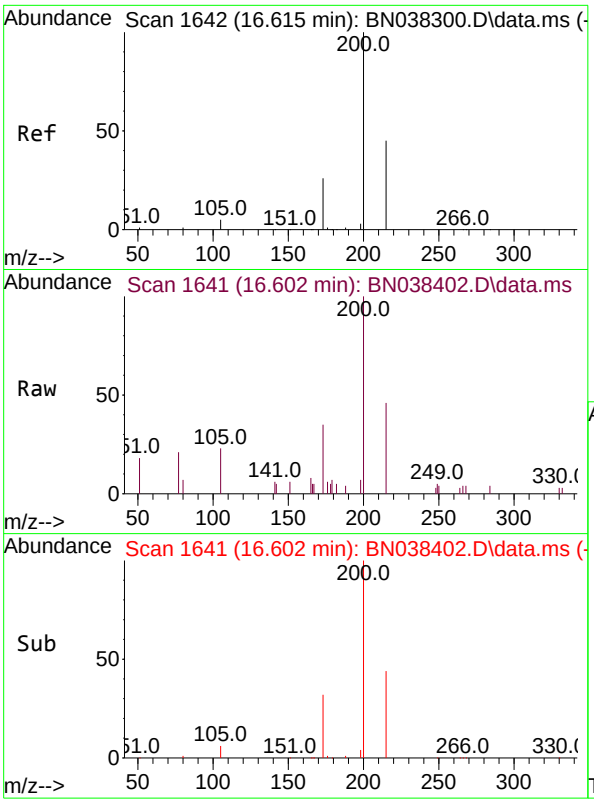


#22
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.453 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:284 Resp: 3691

Ion	Ratio	Lower	Upper
284	100		
142	34.7	29.5	44.3
249	29.0	23.7	35.5



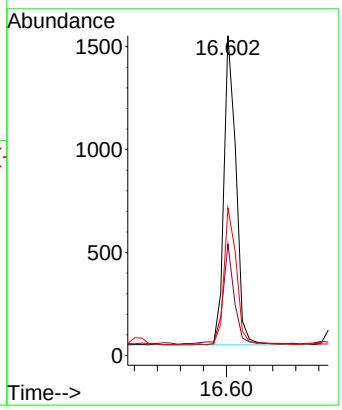


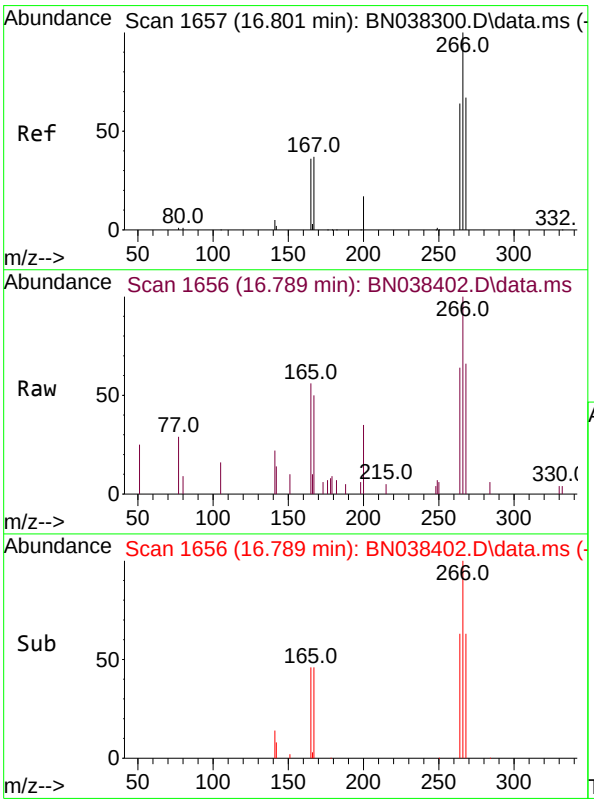
#23
Atrazine
Concen: 0.349 ng
RT: 16.602 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:200 Resp: 2172

Ion	Ratio	Lower	Upper
200	100		
173	34.8	22.1	33.1#
215	46.1	37.4	56.2

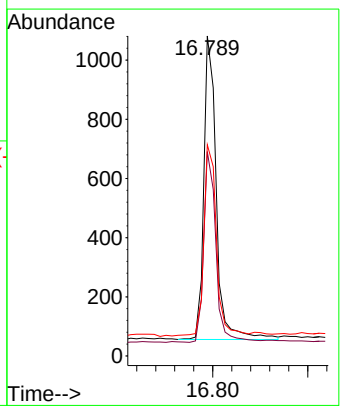


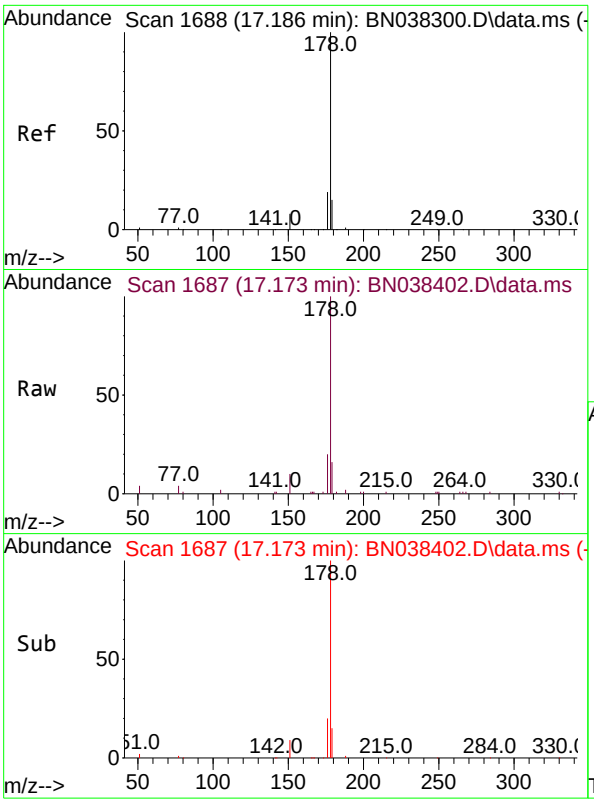


#24
Pentachlorophenol
Concen: 0.435 ng
RT: 16.789 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:266 Resp: 1863

Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.2	75.2
268	63.3	52.6	78.8



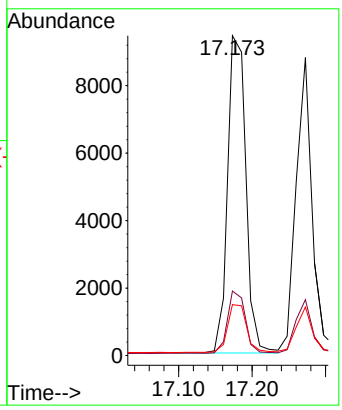


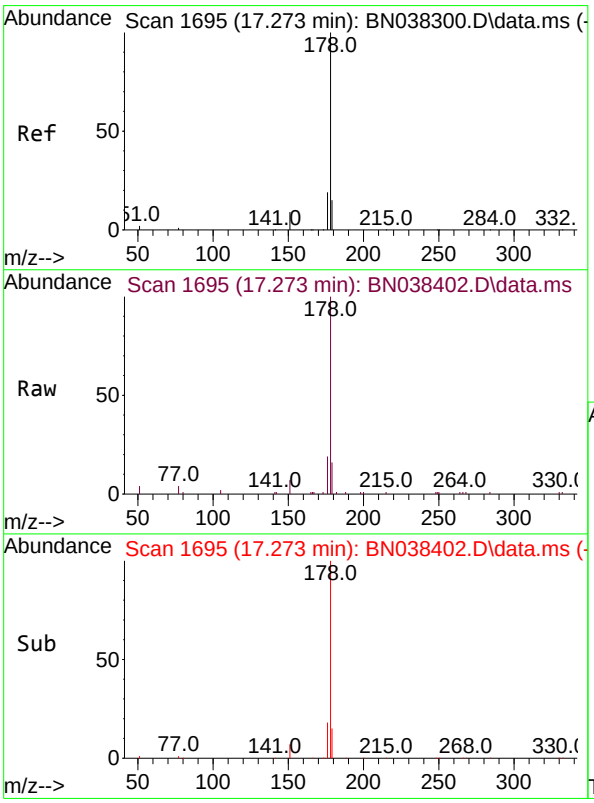
#25
Phenanthrene
Concen: 0.382 ng
RT: 17.173 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:178 Resp: 16361

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.7	12.2	18.2

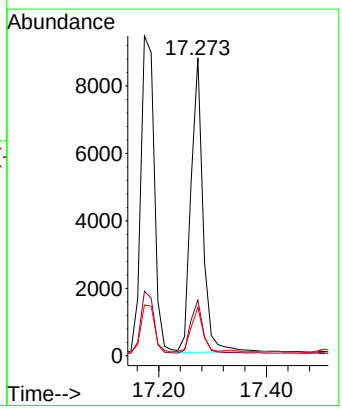


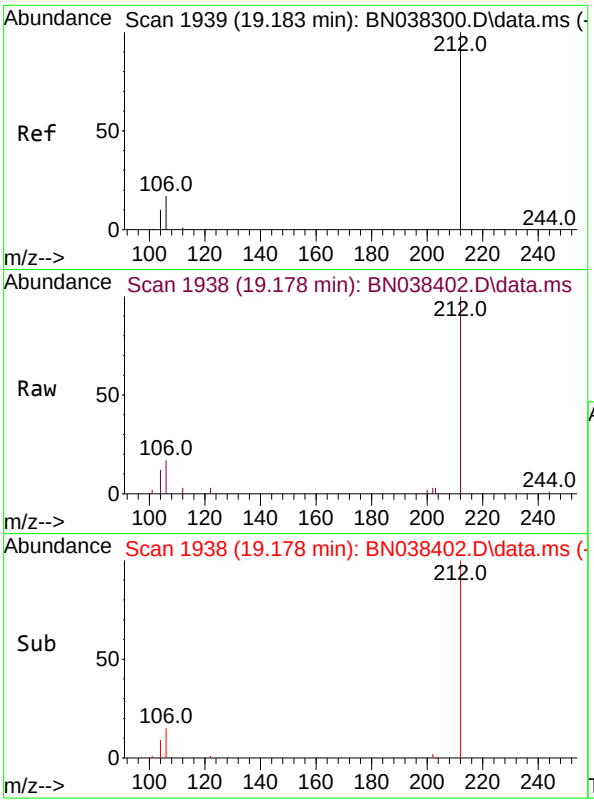


#26
Anthracene
Concen: 0.364 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:178 Resp: 13449

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	14.6	12.0	18.0



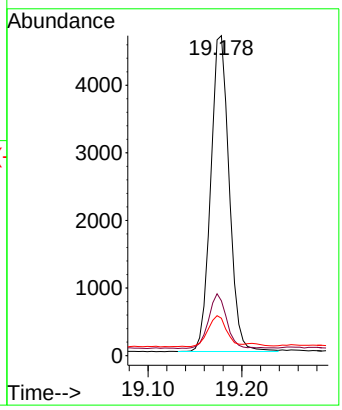


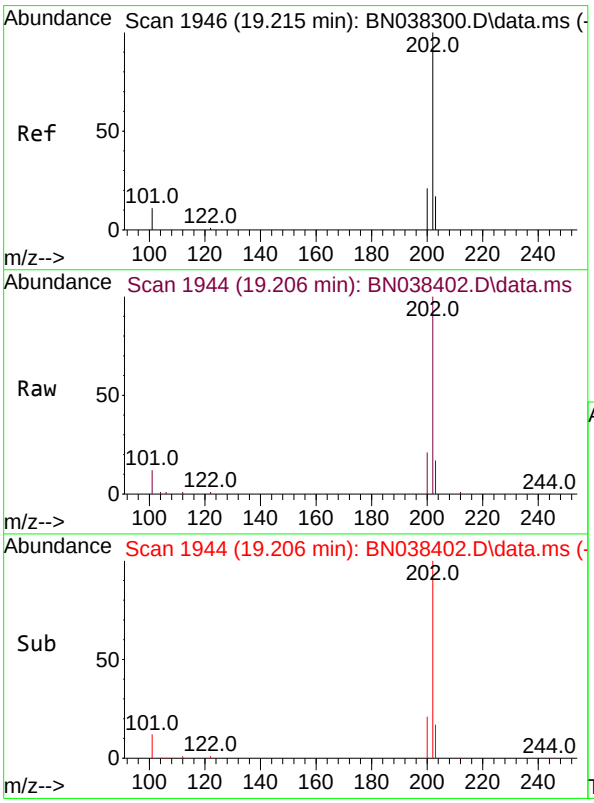
#27
Fluoranthene-d10
Concen: 0.210 ng
RT: 19.178 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:212 Resp: 6382

Ion	Ratio	Lower	Upper
212	100		
106	17.1	13.7	20.5
104	10.0	7.8	11.8

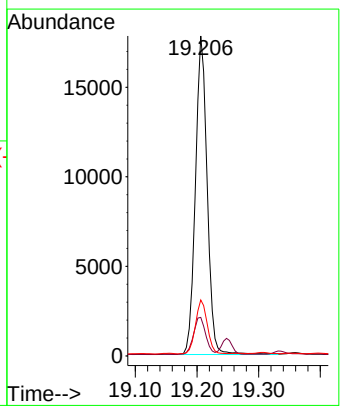


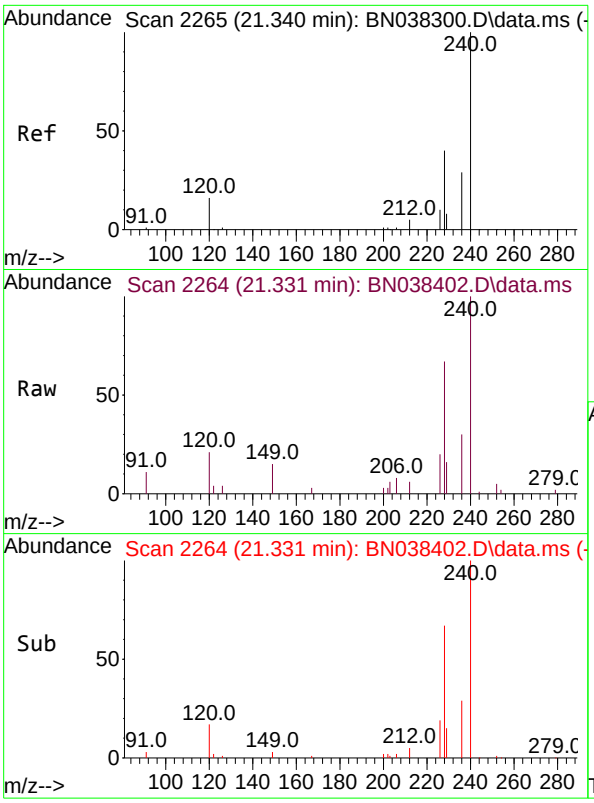


#28
Fluoranthene
Concen: 0.515 ng
RT: 19.206 min Scan# 1944
Delta R.T. -0.014 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:202 Resp: 23458

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	16.8	13.5	20.3



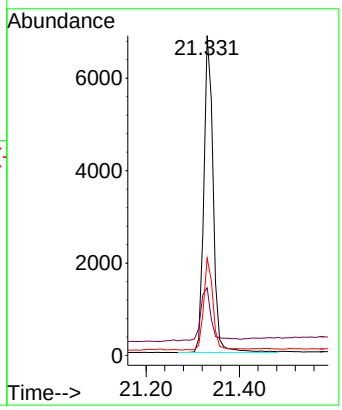


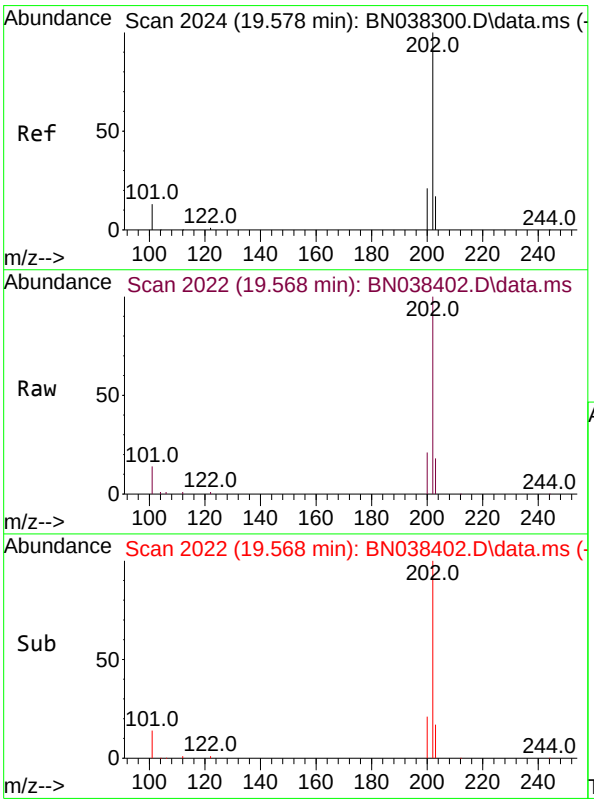
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:240 Resp: 9471

Ion	Ratio	Lower	Upper
240	100		
120	21.2	15.4	23.2
236	30.5	23.9	35.9

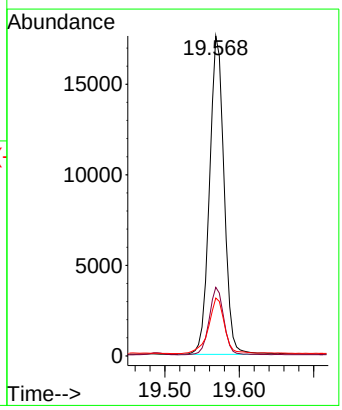


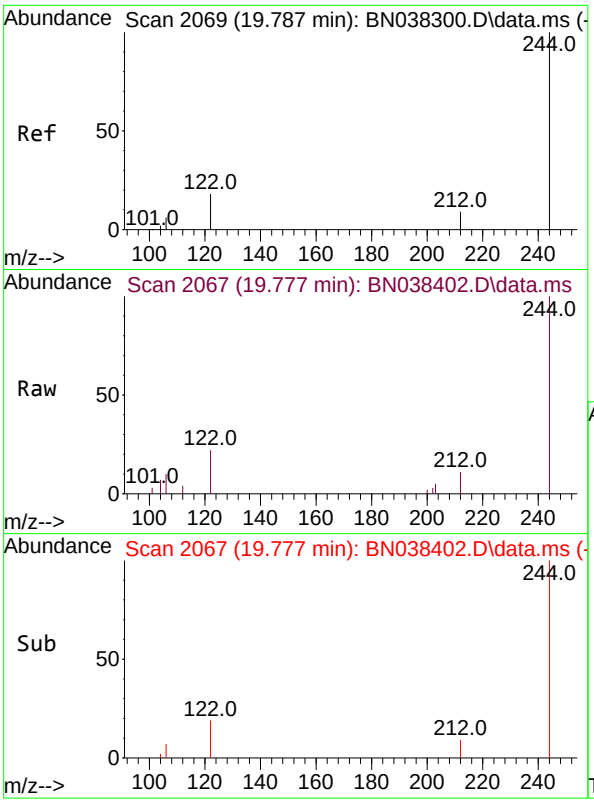


#30
Pyrene
Concen: 0.514 ng
RT: 19.568 min Scan# 2022
Delta R.T. -0.014 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:202 Resp: 23984

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	19.0	14.2	21.2



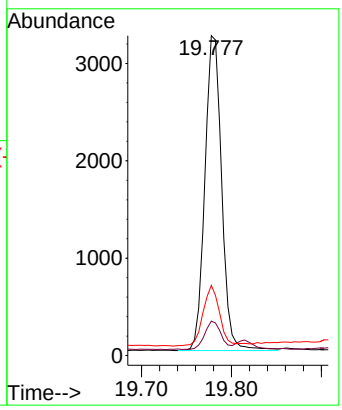


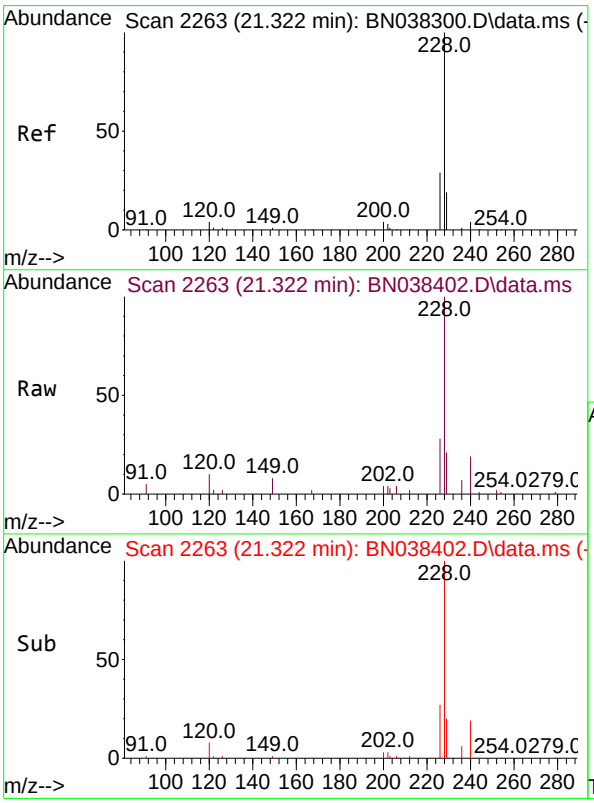
#31
Terphenyl-d14
Concen: 0.198 ng
RT: 19.777 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:244 Resp: 4192

Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.9	11.9
122	21.9	15.0	22.6

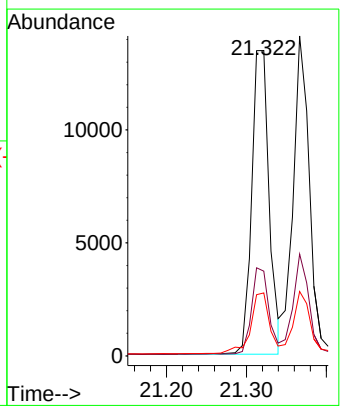


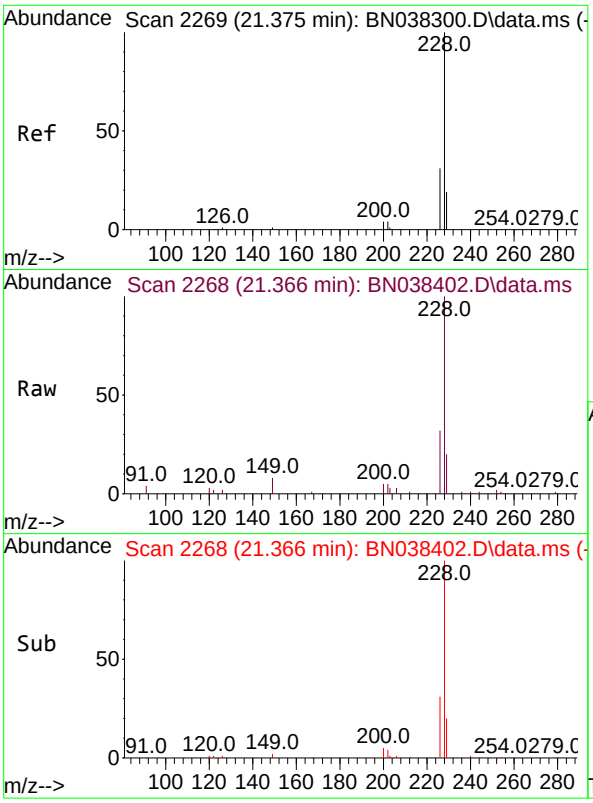


#32
Benzo(a)anthracene
Concen: 0.556 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.009 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:228 Resp: 20333

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.3	34.9
229	20.6	15.7	23.5



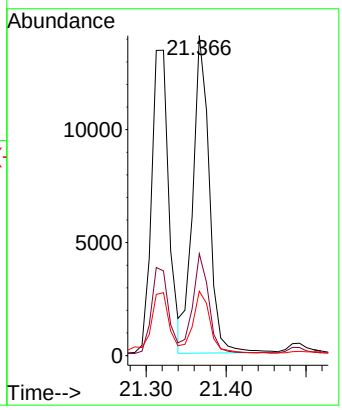


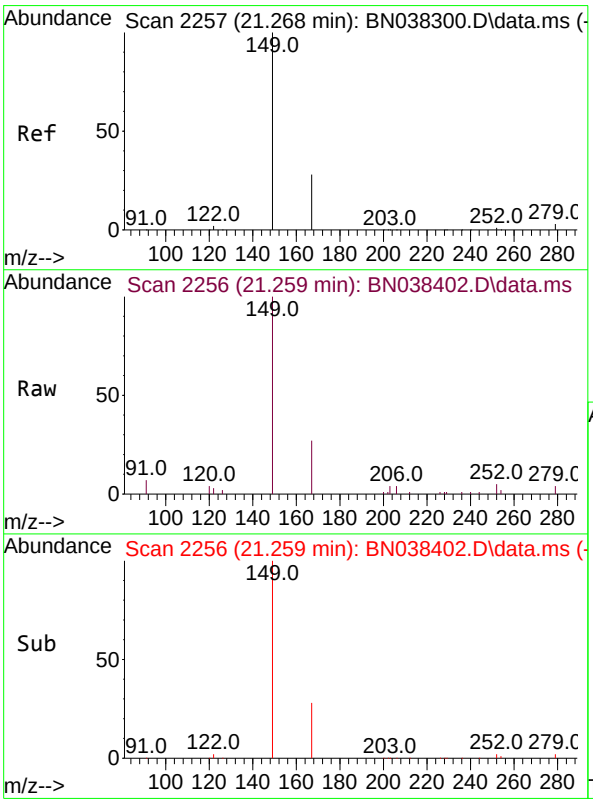
#33
Chrysene
Concen: 0.499 ng
RT: 21.366 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:228 Resp: 20087

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.4
229	20.1	15.5	23.3

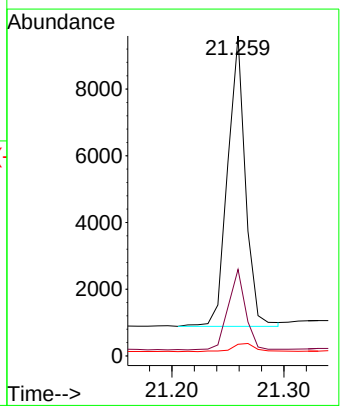


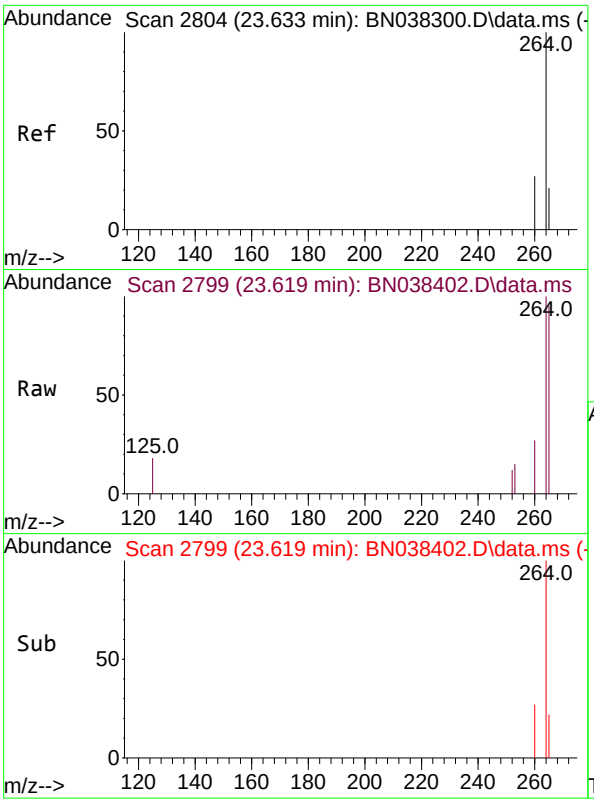


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.479 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:149 Resp: 9610

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	3.8	2.4	3.6#



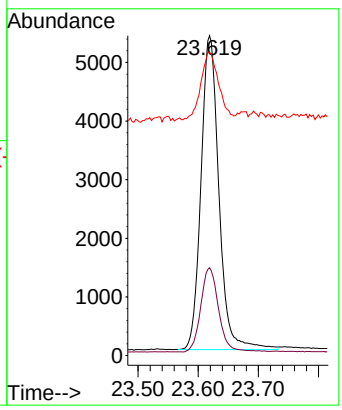


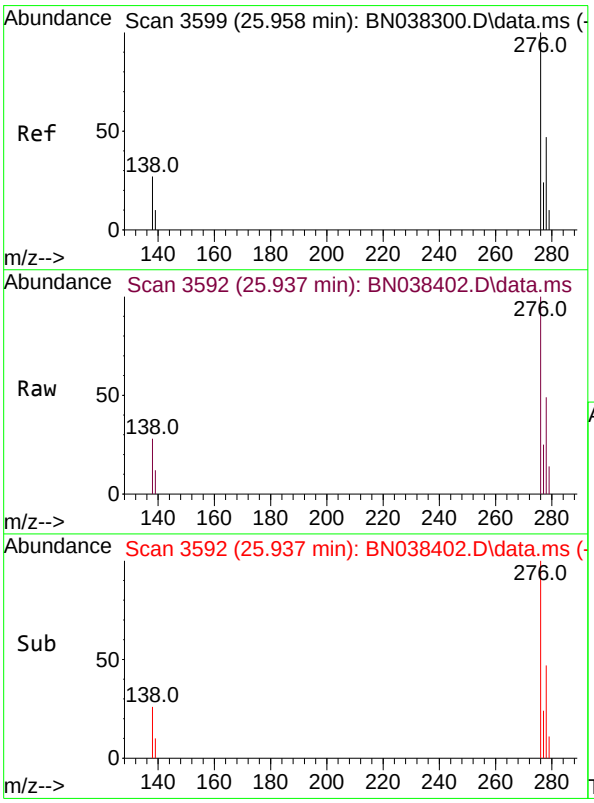
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.619 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:264 Resp: 11116

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.2	33.2
265	94.7	80.2	120.2

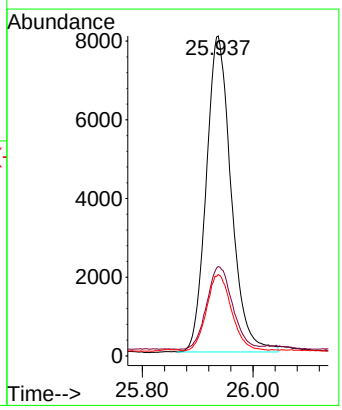


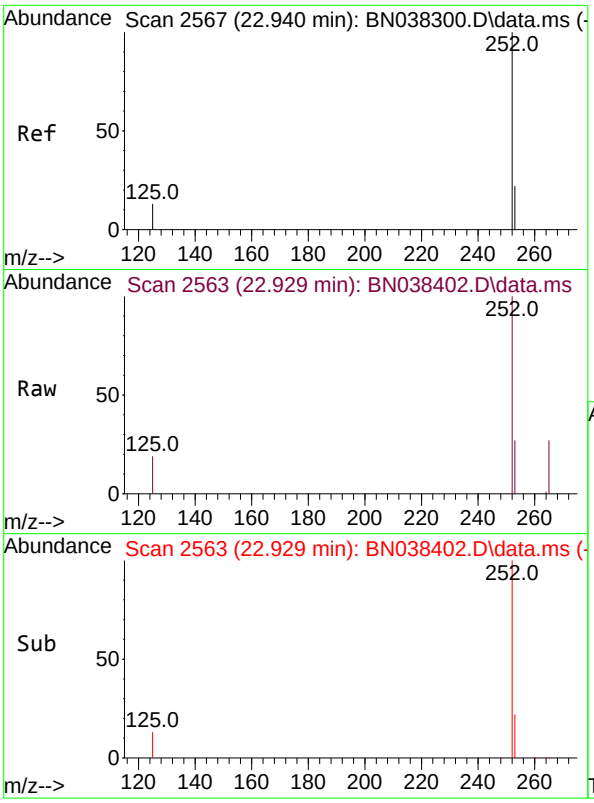


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng
RT: 25.937 min Scan# 3592
Delta R.T. -0.026 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:276 Resp: 25157

Ion	Ratio	Lower	Upper
276	100		
138	27.2	23.6	35.4
277	24.2	19.7	29.5



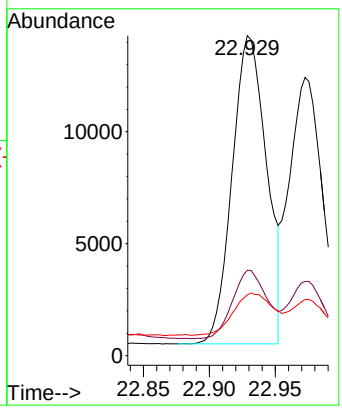


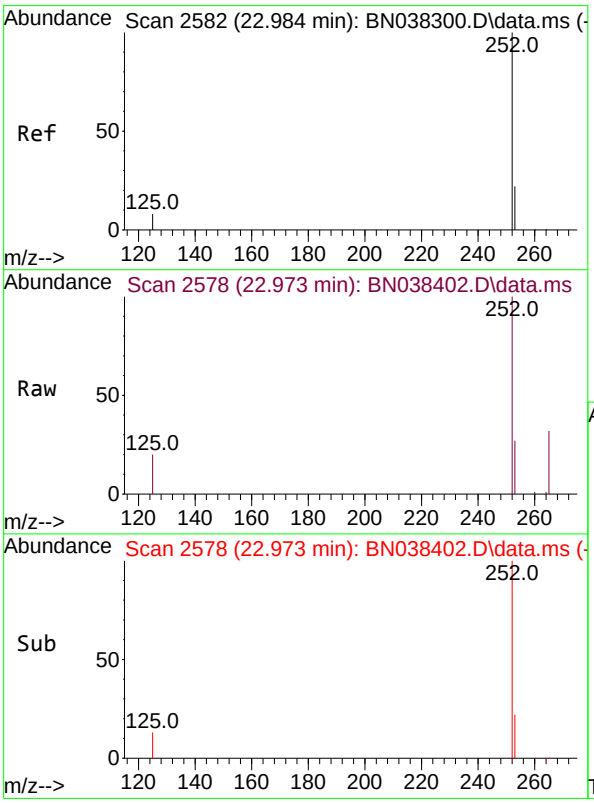
#37
Benzo(b)fluoranthene
Concen: 0.489 ng
RT: 22.929 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:252 Resp: 24989

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.1	31.7
125	19.0	16.4	24.6

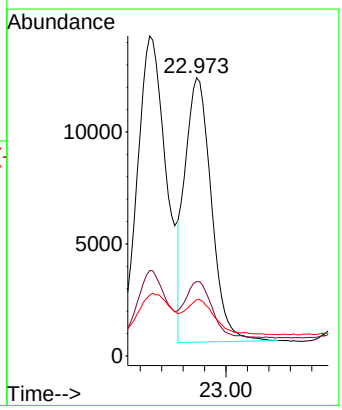


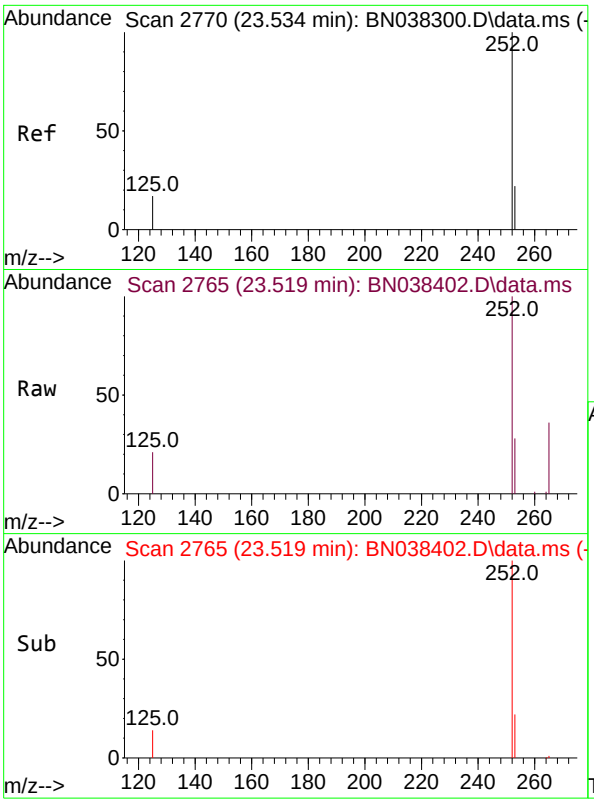


#38
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.973 min Scan# 2578
Delta R.T. -0.017 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:252 Resp: 20158

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.4	32.0
125	20.2	16.2	24.2



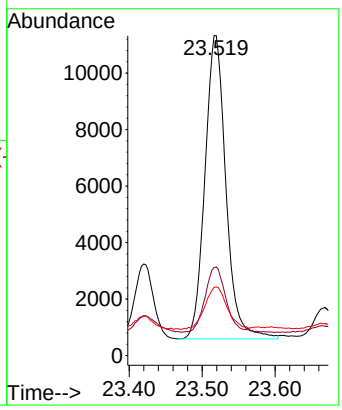


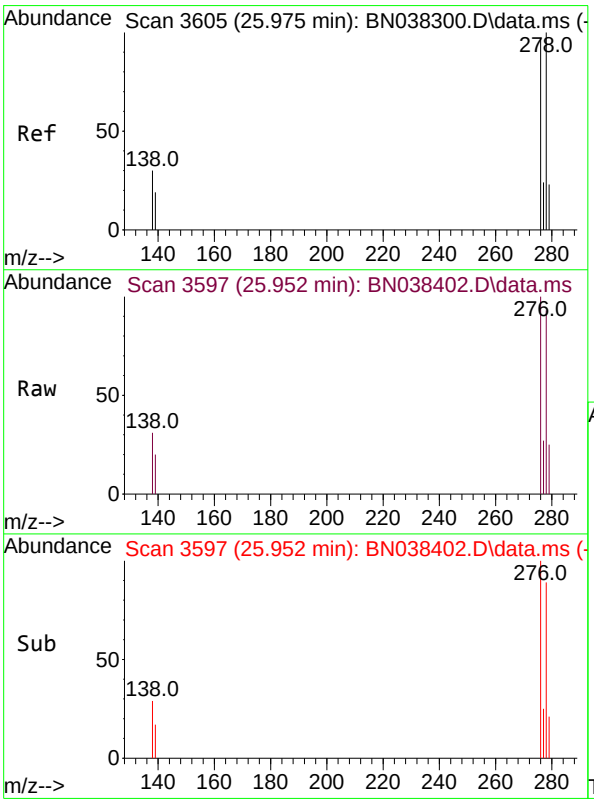
#39
Benzo(a)pyrene
Concen: 0.515 ng
RT: 23.519 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:252 Resp: 21508

Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.3	34.9
125	21.4	22.4	33.6#

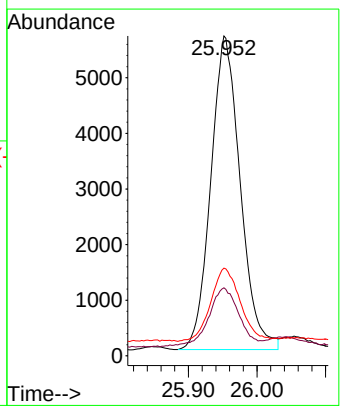


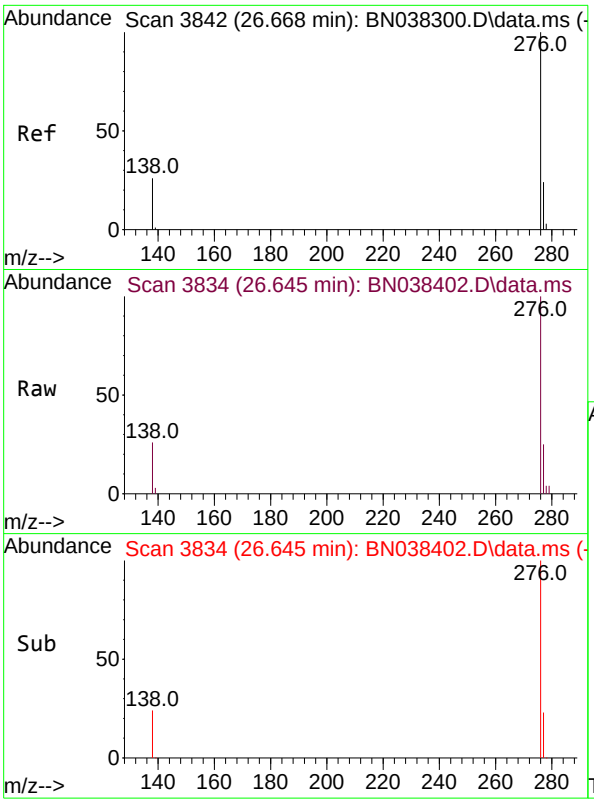


#40
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 25.952 min Scan# 3597
Delta R.T. -0.029 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Tgt Ion:278 Resp: 16839

Ion	Ratio	Lower	Upper
278	100		
139	21.3	17.8	26.8
279	27.4	21.3	31.9





#41
Benzo(g,h,i)perylene
Concen: 0.426 ng
RT: 26.645 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN038402.D
Acq: 15 Dec 2025 13:31

Instrument :
BNA_N
ClientSampleId :
C0AM6MS

Tgt Ion:276 Resp: 21661

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.0	30.0
138	26.4	21.8	32.6