Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
Data File : BN038063.D
Acq On : 08 Oct 2025 02:06
Operator : RC/JU
Sample : PB169992BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Quant Time: Oct 11 02:17:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8094	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21323	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	9495	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	14636	0.400	ng	#-0.02
29) Chrysene-d12	21.384	240	7882	0.400	ng	#-0.02
35) Perylene-d12	23.703	264	7988	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	7055	0.382	ng	-0.01
5) Phenol-d6	6.959	99	8489	0.350	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7443	0.458	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	10925	0.369	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	877	0.244	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	18538	0.477	ng	-0.02
27) Fluoranthene-d10	19.239	212	10299	0.280	ng	-0.01
31) Terphenyl-d14	19.833	244	7854	0.500	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2960	0.360	ng	# 59
3) n-Nitrosodimethylamine	3.593	42	4617	0.422	ng	# 86
6) bis(2-Chloroethyl)ether	7.219	93	9026	0.401	ng	97
9) Naphthalene	10.648	128	23044	0.392	ng	99
10) Hexachlorobutadiene	10.947	225	4188	0.418	ng	# 99
12) 2-Methylnaphthalene	12.268	142	12678	0.330	ng	98
16) Acenaphthylene	14.174	152	18574	0.431	ng	99
17) Acenaphthene	14.516	154	11412	0.372	ng	96
18) Fluorene	15.499	166	12496	0.336	ng	99
20) 4,6-Dinitro-2-methylph...	15.585	198	402	0.284	ng	# 26
21) 4-Bromophenyl-phenylether	16.404	248	3939	0.413	ng	# 83
22) Hexachlorobenzene	16.515	284	5165	0.447	ng	98
23) Atrazine	16.664	200	2084	0.287	ng	# 92
24) Pentachlorophenol	16.863	266	1545	0.389	ng	97
25) Phenanthrene	17.248	178	18714	0.389	ng	100
26) Anthracene	17.335	178	15920	0.381	ng	99
28) Fluoranthene	19.266	202	14768	0.278	ng	99
30) Pyrene	19.629	202	14286	0.459	ng	100
32) Benzo(a)anthracene	21.366	228	10887	0.395	ng	99
33) Chrysene	21.420	228	12396	0.416	ng	100
34) Bis(2-ethylhexyl)phtha...	21.304	149	3959	0.363	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.066	276	17729	0.486	ng	97
37) Benzo(b)fluoranthene	23.002	252	13292	0.386	ng	# 91
38) Benzo(k)fluoranthene	23.049	252	12597	0.363	ng	# 91
39) Benzo(a)pyrene	23.601	252	11246	0.413	ng	# 89
40) Dibenzo(a,h)anthracene	26.083	278	13744	0.482	ng	96
41) Benzo(g,h,i)perylene	26.788	276	15717	0.525	ng	98

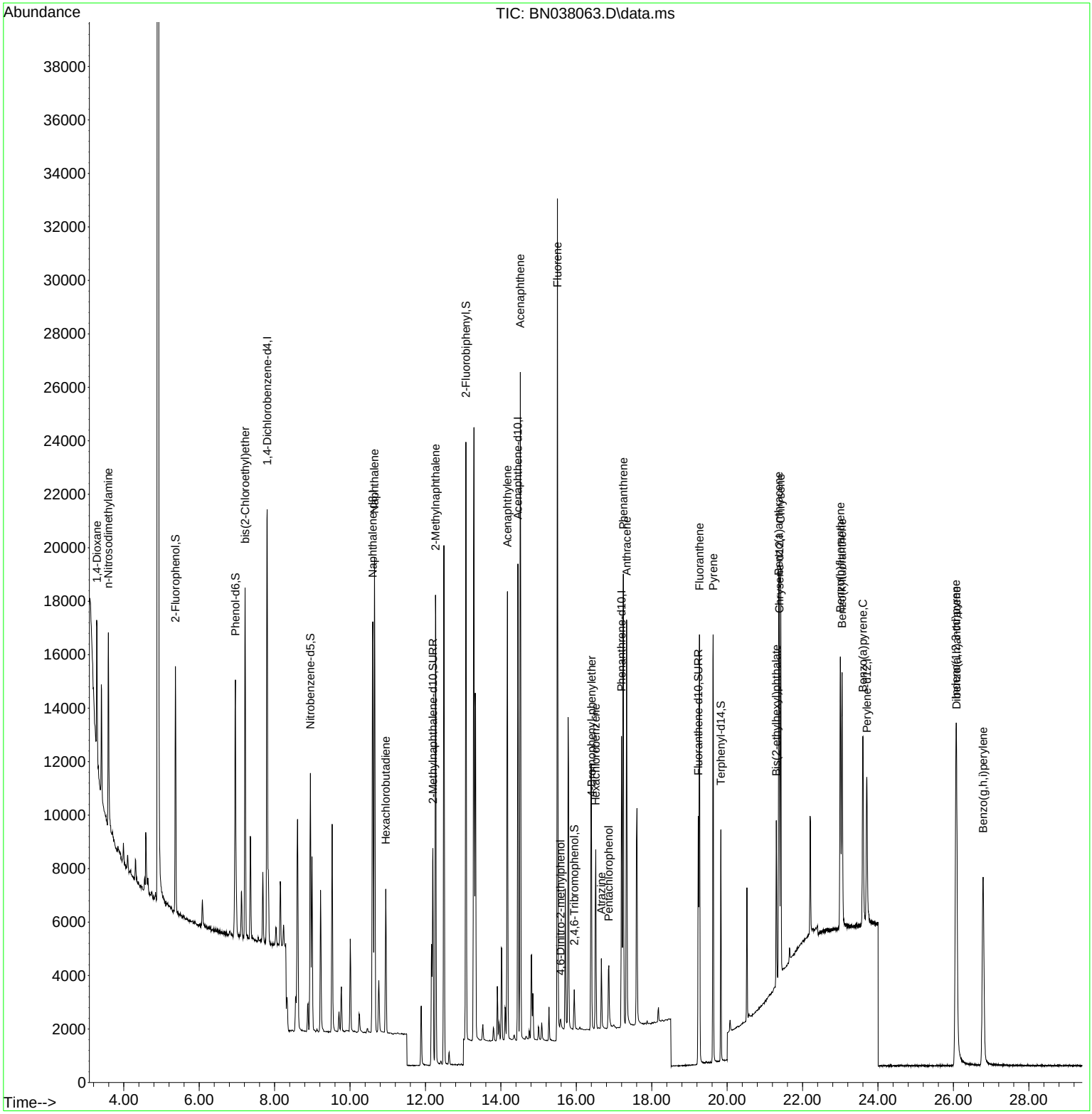
(#) = qualifier out of range (m) = manual integration (+) = signals summed

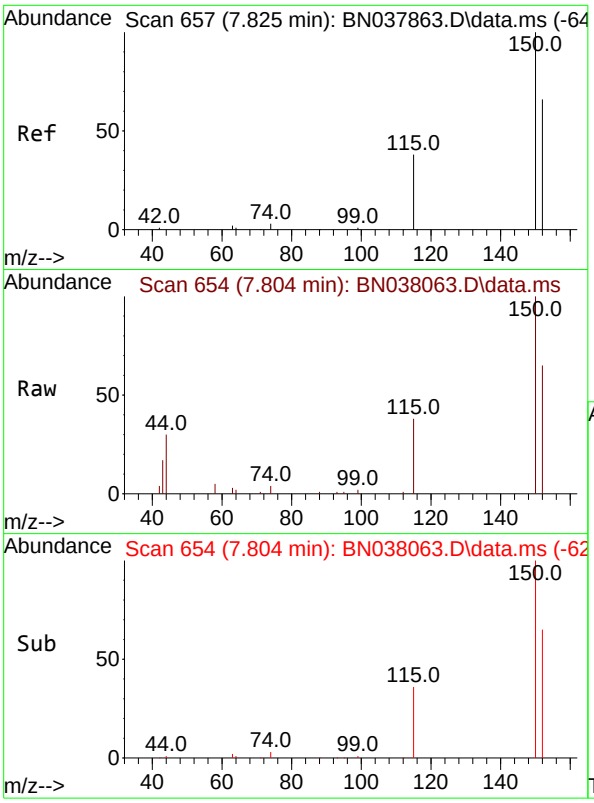
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
Data File : BN038063.D
Acq On : 08 Oct 2025 02:06
Operator : RC/JU
Sample : PB169992BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Quant Time: Oct 11 02:17:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



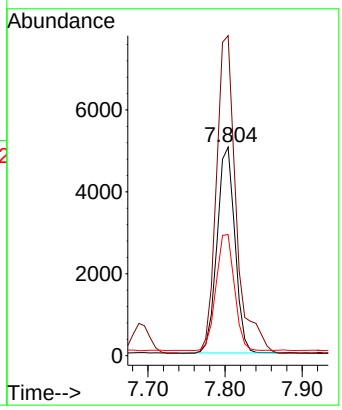


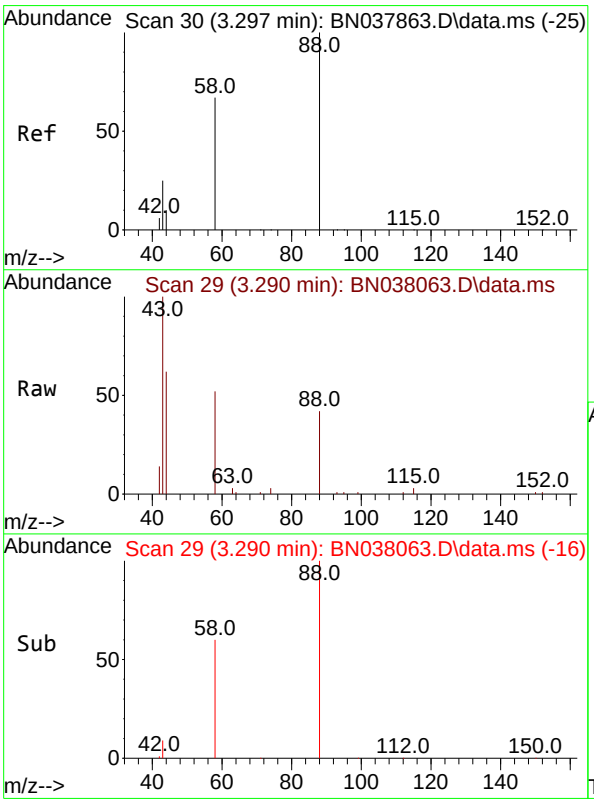
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:152 Resp: 8094

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.0	181.4
115	58.1	47.4	71.0

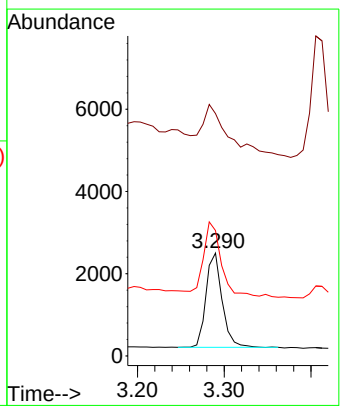


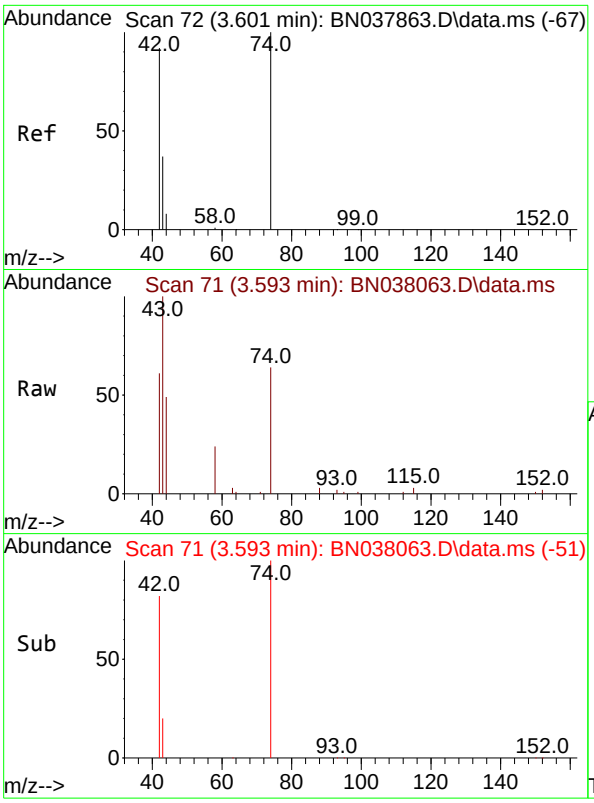


#2
1,4-Dioxane
Concen: 0.360 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion: 88 Resp: 2960

Ion	Ratio	Lower	Upper
88	100		
43	84.1	26.6	39.8#
58	90.1	58.9	88.3#



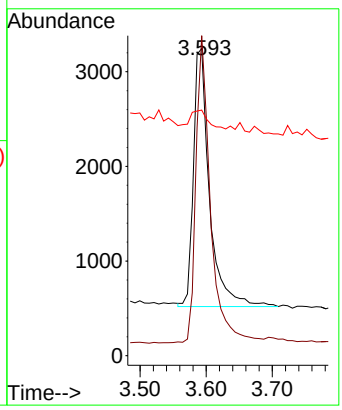


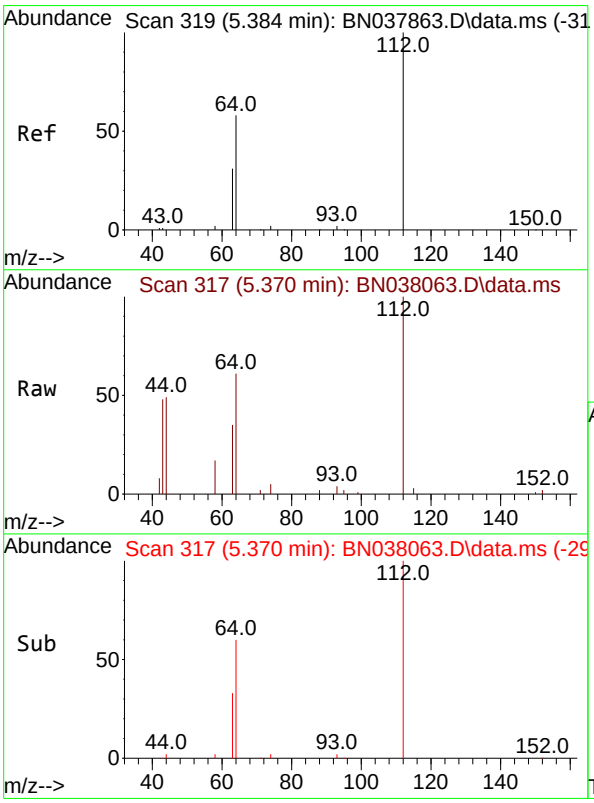
#3
n-Nitrosodimethylamine
Concen: 0.422 ng
RT: 3.593 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion: 42 Resp: 4617

Ion	Ratio	Lower	Upper
42	100		
74	107.6	93.4	140.0
44	8.4	22.2	33.4#

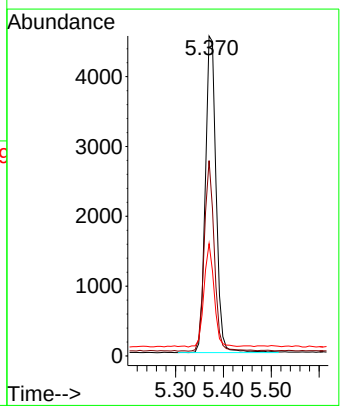


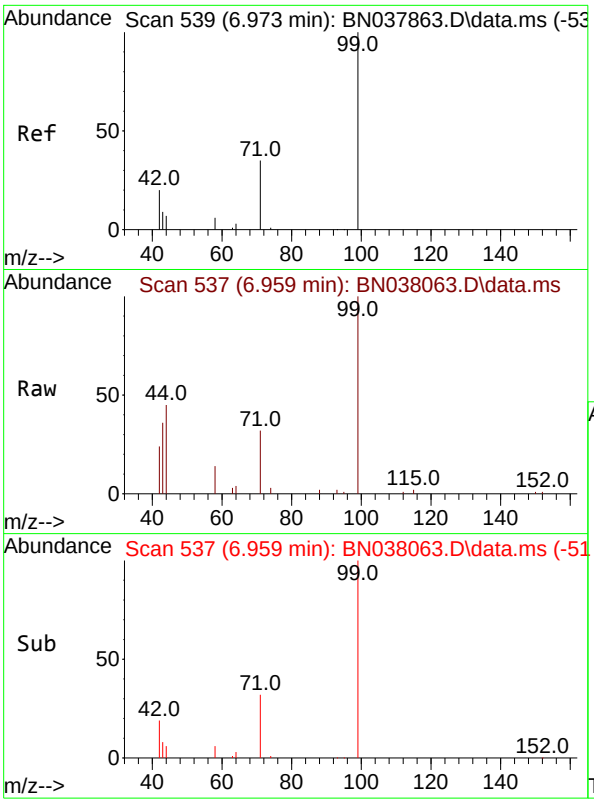


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.014 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:112 Resp: 7055

Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.6	66.8
63	30.6	24.9	37.3



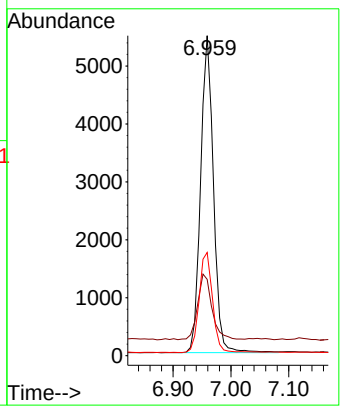


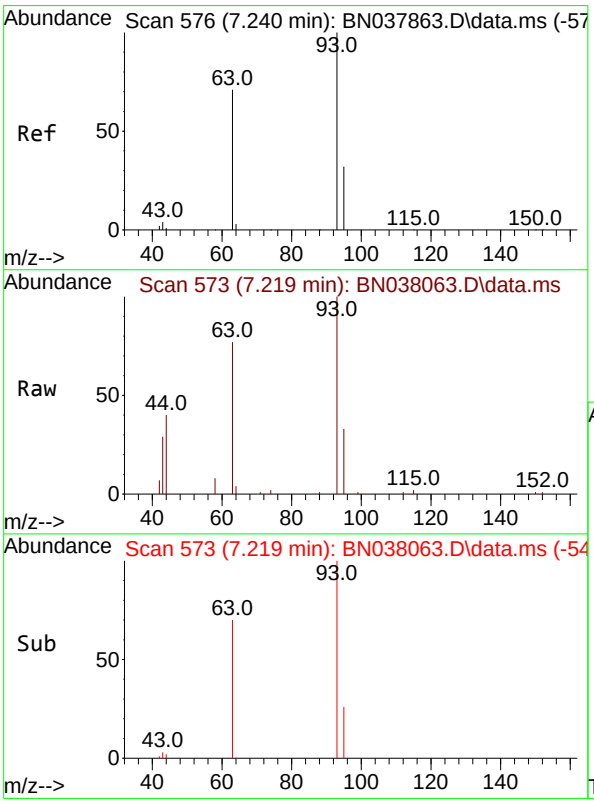
#5
Phenol-d6
Concen: 0.350 ng
RT: 6.959 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion: 99 Resp: 8489

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.2	25.8
71	32.9	27.3	40.9

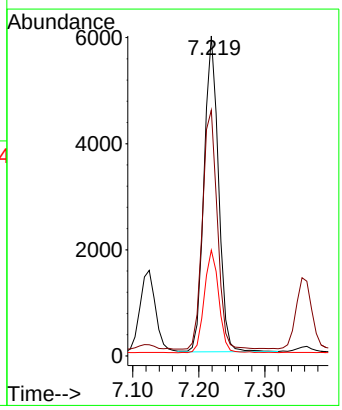


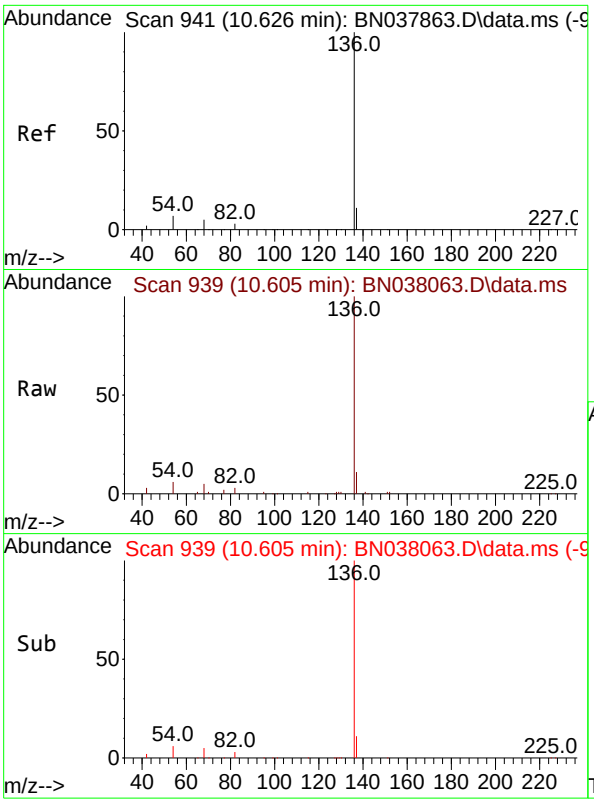


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.219 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion: 93 Resp: 9026

Ion	Ratio	Lower	Upper
93	100		
63	77.9	60.1	90.1
95	32.6	25.4	38.2



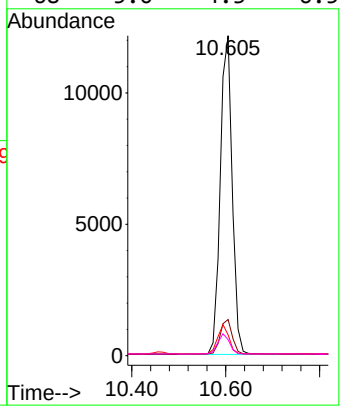


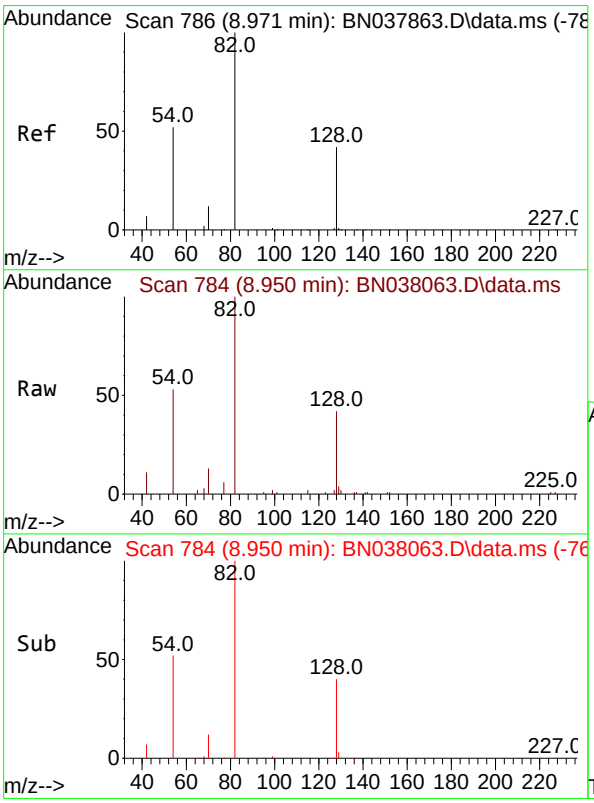
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:136 Resp: 21323

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.5	5.8	8.8
68	5.0	4.3	6.5

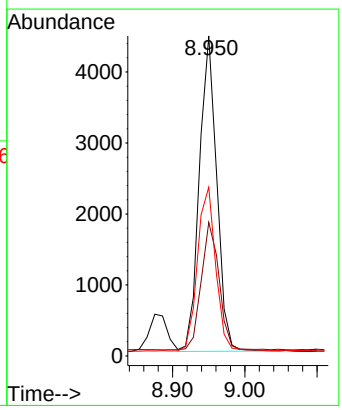


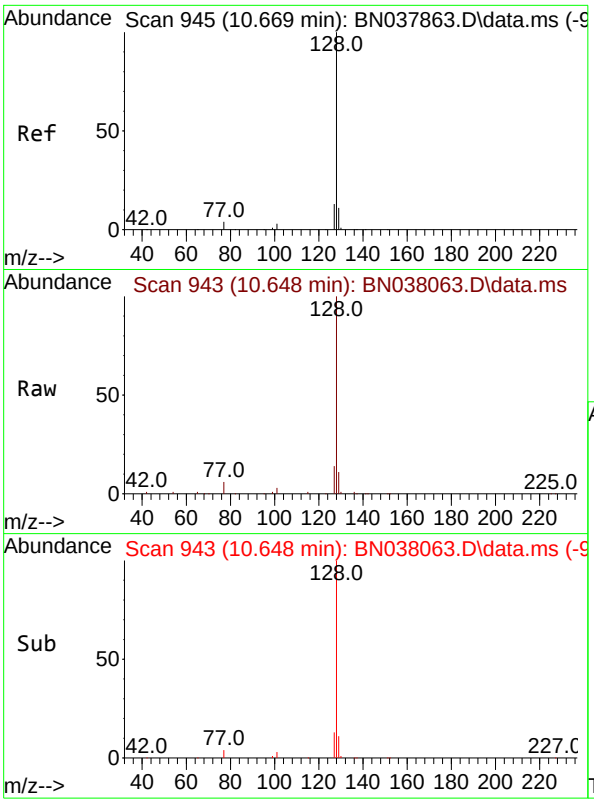


#8
Nitrobenzene-d5
Concen: 0.458 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion: 82 Resp: 7443

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.8	52.2
54	52.8	42.2	63.2



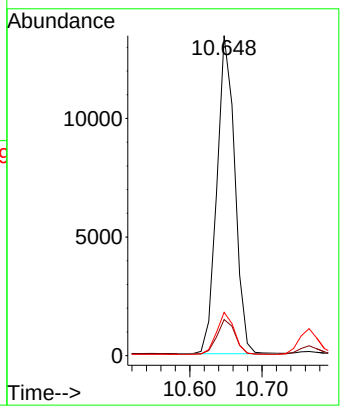


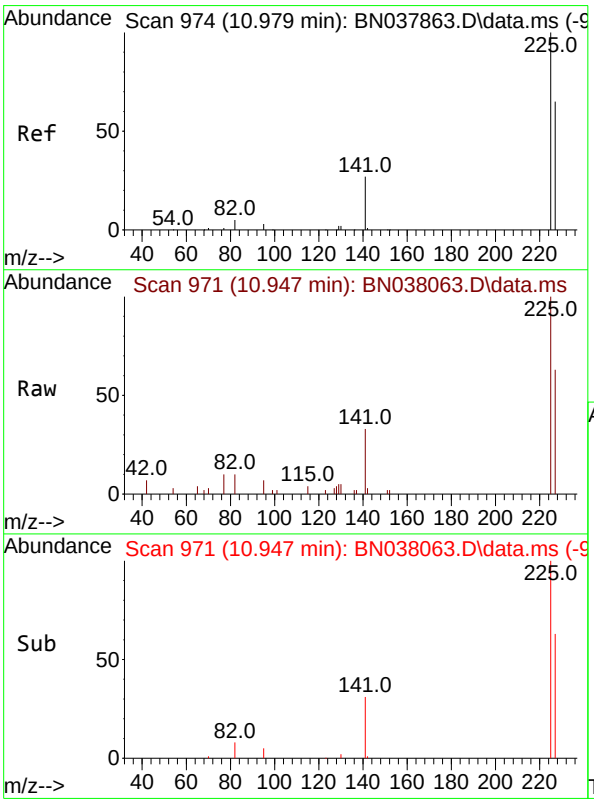
#9
Naphthalene
Concen: 0.392 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:128 Resp: 23044

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.6	11.0	16.6

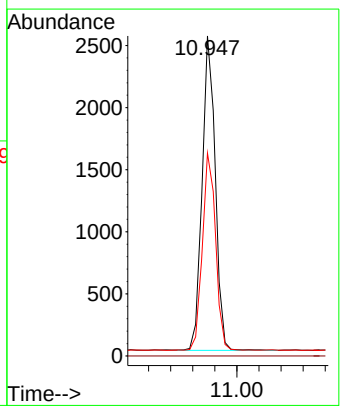


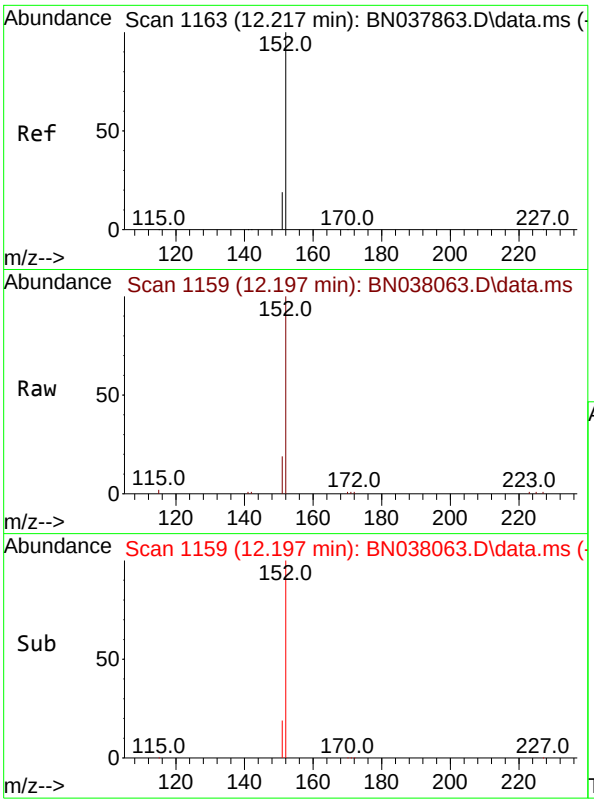


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 10.947 min Scan# 971
Delta R.T. -0.032 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:225 Resp: 4188

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.4	77.2



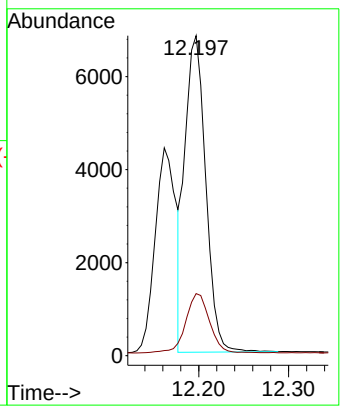


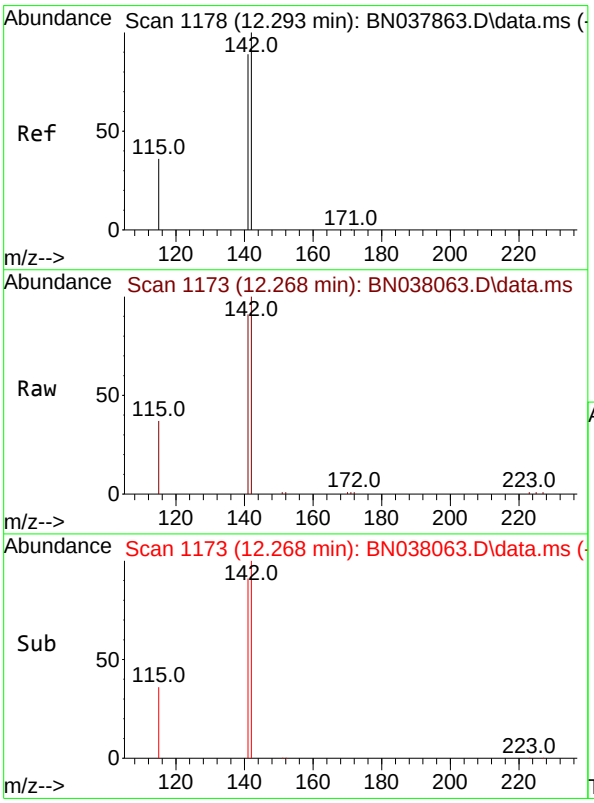
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.197 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:152 Resp: 10925

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.4	26.2

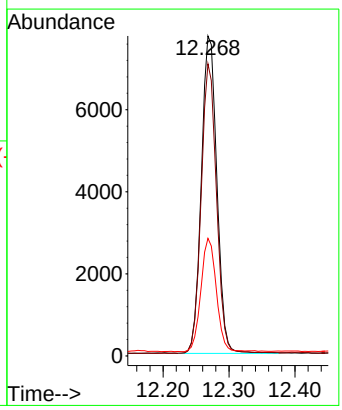


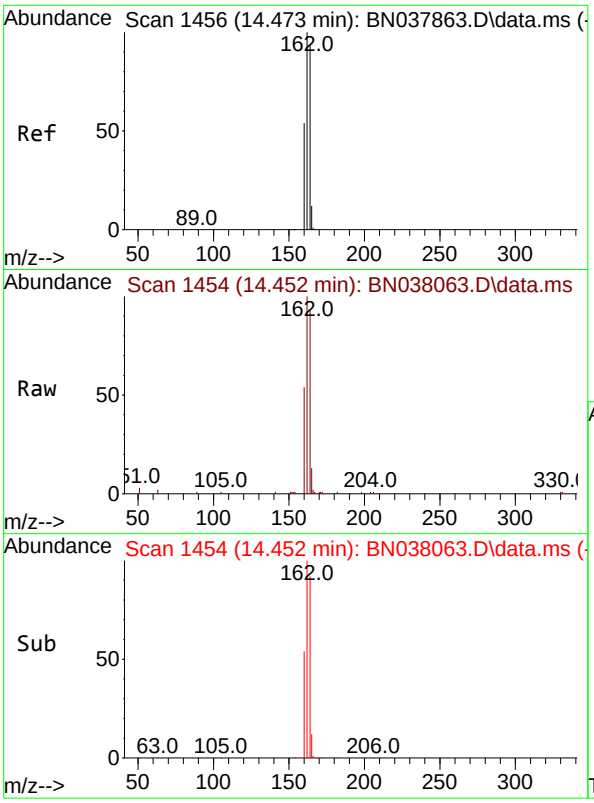


#12
2-Methylnaphthalene
Concen: 0.330 ng
RT: 12.268 min Scan# 1173
Delta R.T. -0.025 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:142 Resp: 12678

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.2	106.8
115	36.7	29.7	44.5



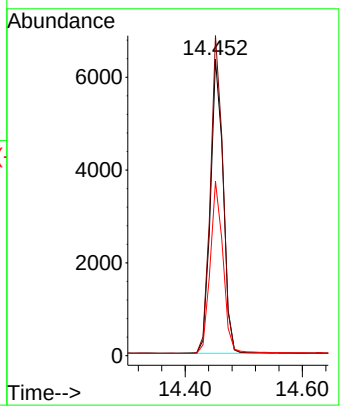


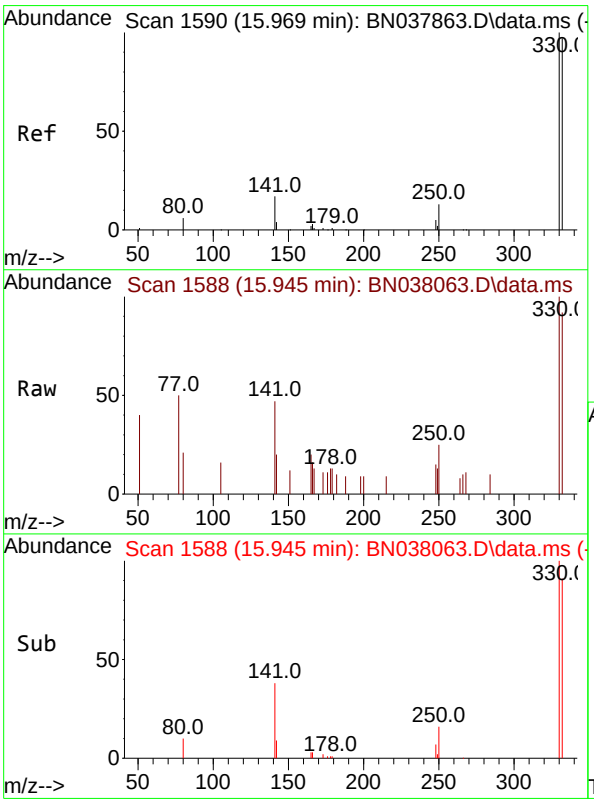
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:164 Resp: 9495

Ion	Ratio	Lower	Upper
164	100		
162	108.1	84.8	127.2
160	58.8	46.1	69.1

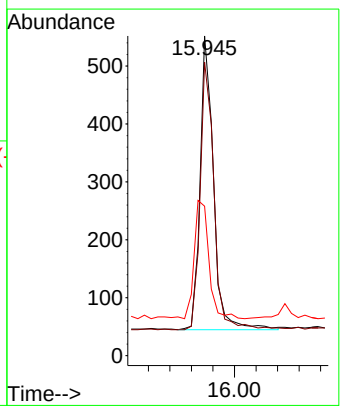


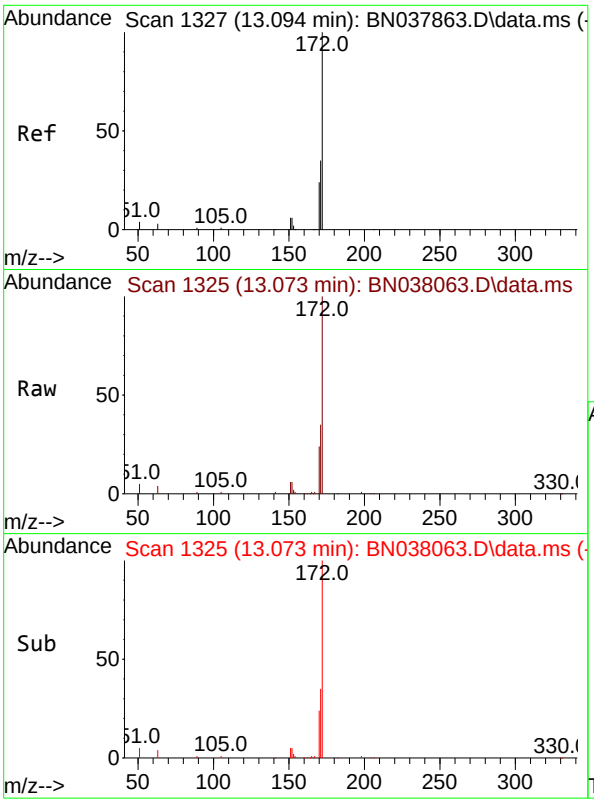


#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.945 min Scan# 1588
Delta R.T. -0.024 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:330 Resp: 877

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.2	115.8
141	44.1	37.2	55.8



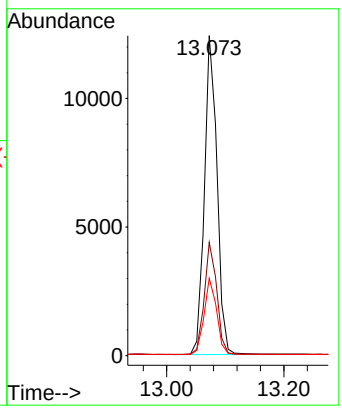


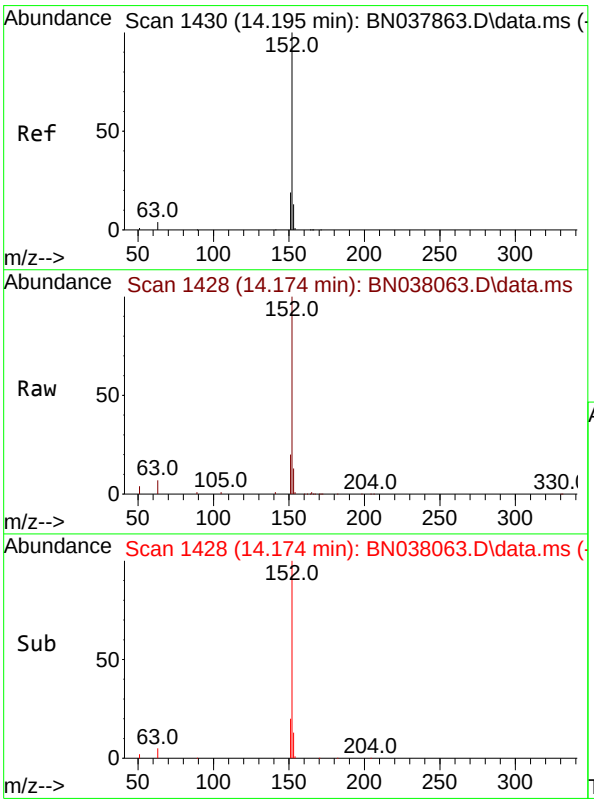
#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 13.073 min Scan# 1
Delta R.T. -0.021 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:172 Resp: 18538

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	24.2	19.7	29.5

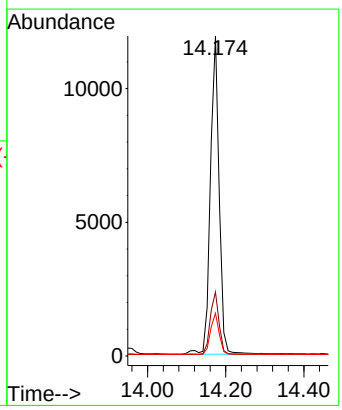


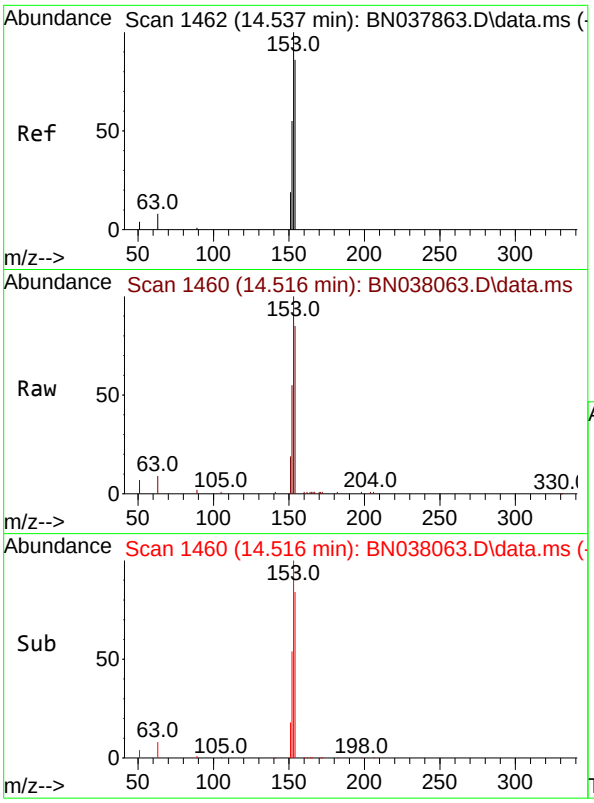


#16
Acenaphthylene
Concen: 0.431 ng
RT: 14.174 min Scan# 1428
Delta R.T. -0.021 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:152 Resp: 18574

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	12.5	10.5	15.7



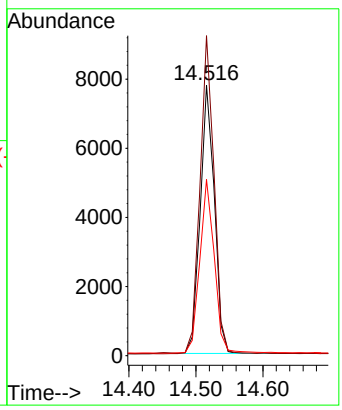


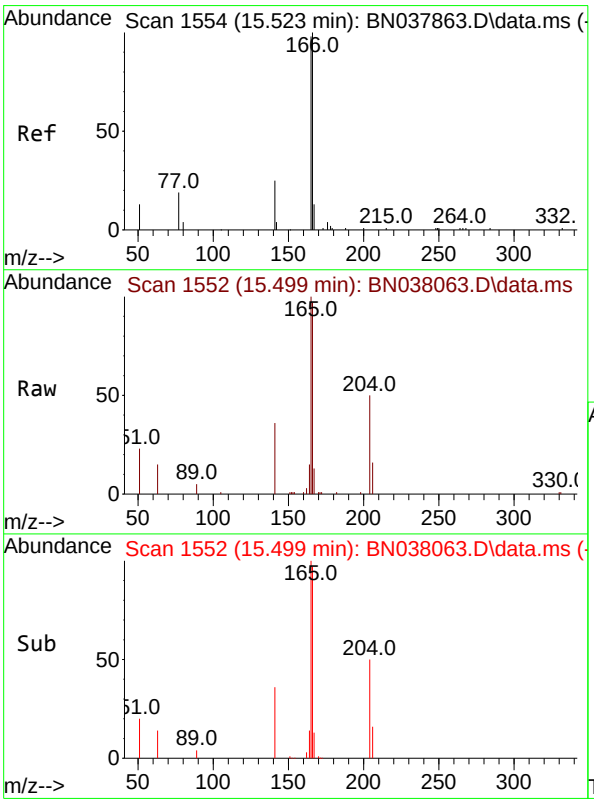
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.516 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:154 Resp: 11412

Ion	Ratio	Lower	Upper
154	100		
153	118.2	90.5	135.7
152	67.1	51.8	77.8

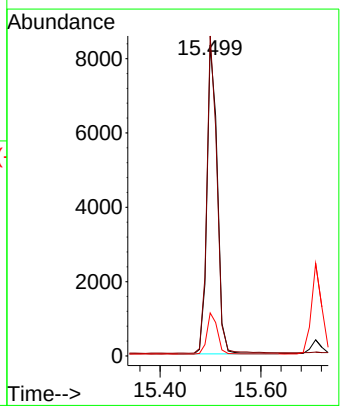


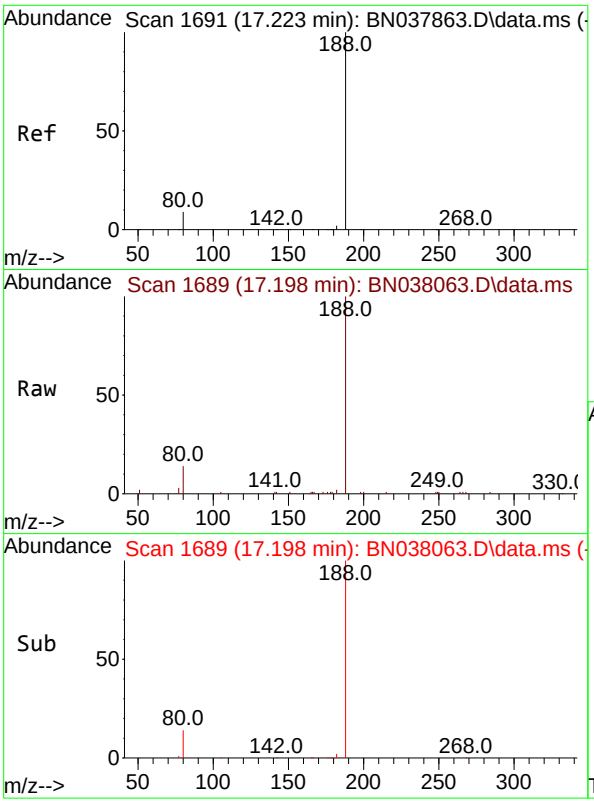


#18
Fluorene
Concen: 0.336 ng
RT: 15.499 min Scan# 1552
Delta R.T. -0.023 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:166 Resp: 12496

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.4
167	13.1	10.6	16.0



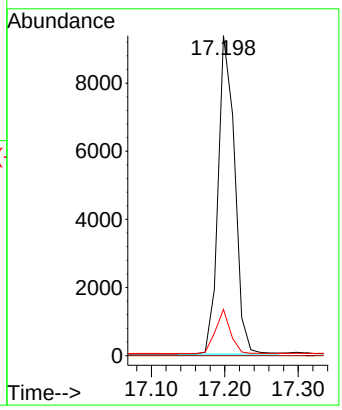


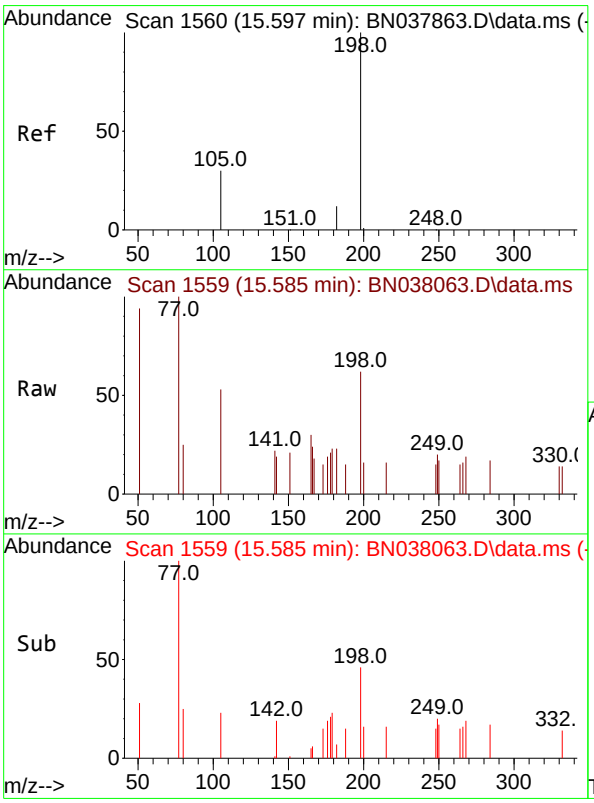
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:188 Resp: 14636

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	7.6	11.4#

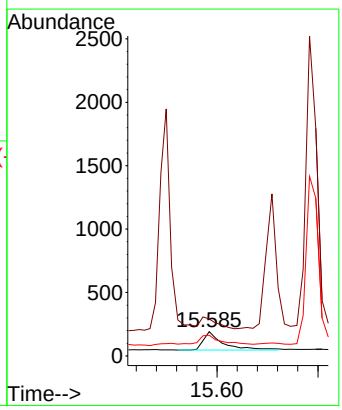


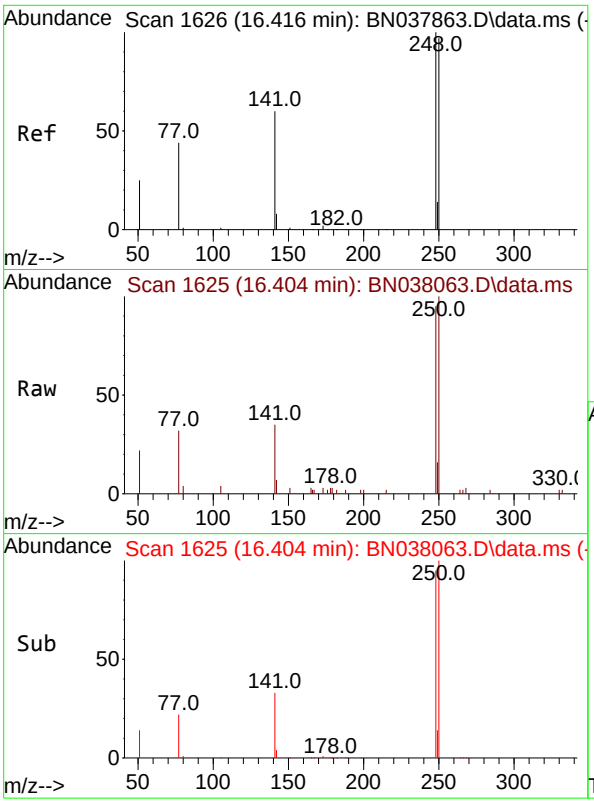


#20
4,6-Dinitro-2-methylphenol
Concen: 0.284 ng
RT: 15.585 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:198 Resp: 402

Ion	Ratio	Lower	Upper
198	100		
51	151.6	59.1	88.7#
105	85.4	41.3	61.9#



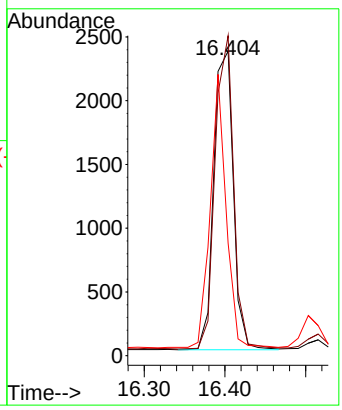


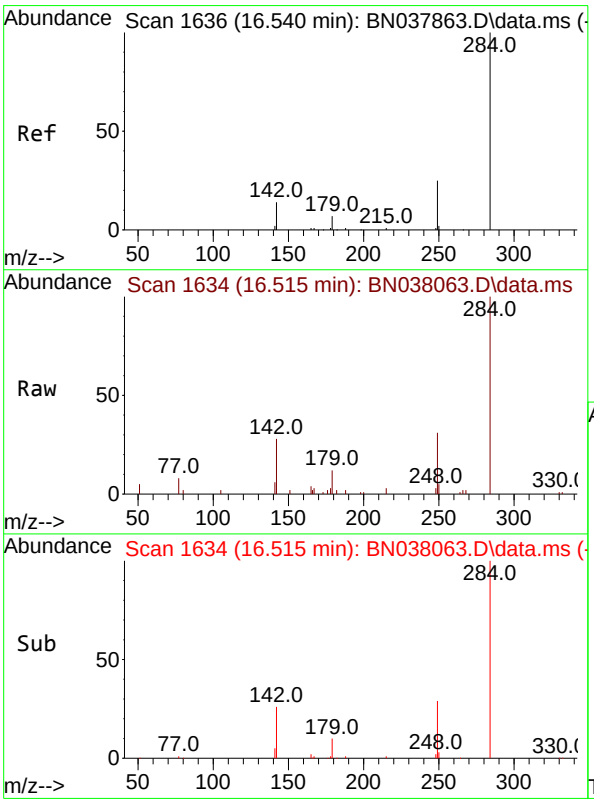
#21
4-Bromophenyl-phenylether
Concen: 0.413 ng
RT: 16.404 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:248 Resp: 3939

Ion	Ratio	Lower	Upper
248	100		
250	105.0	77.6	116.4
141	36.9	48.8	73.2#

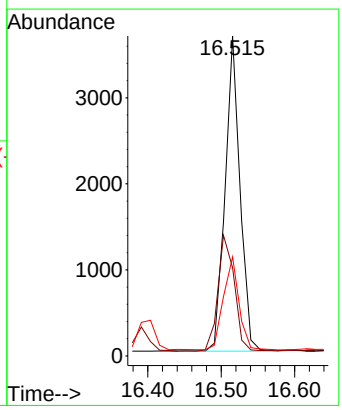


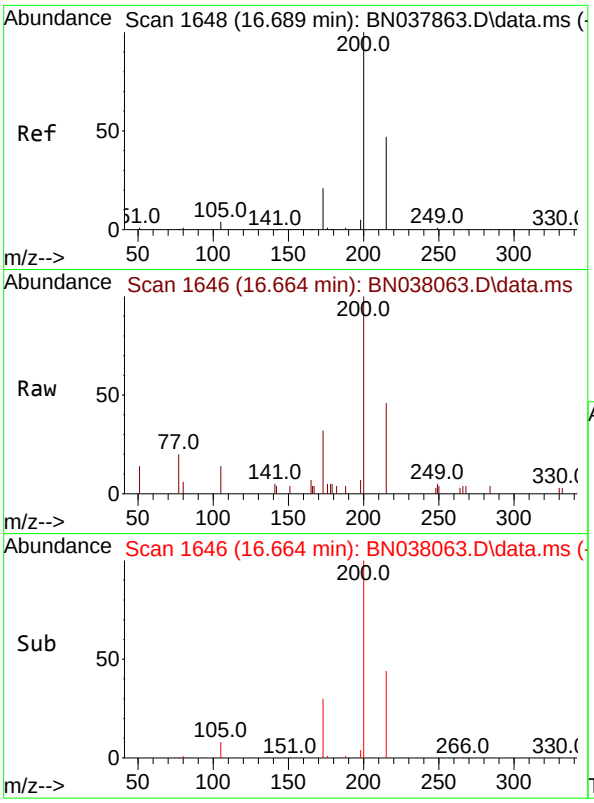


#22
Hexachlorobenzene
Concen: 0.447 ng
RT: 16.515 min Scan# 1634
Delta R.T. -0.025 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:284 Resp: 5165

Ion	Ratio	Lower	Upper
284	100		
142	40.3	30.9	46.3
249	30.7	23.9	35.9



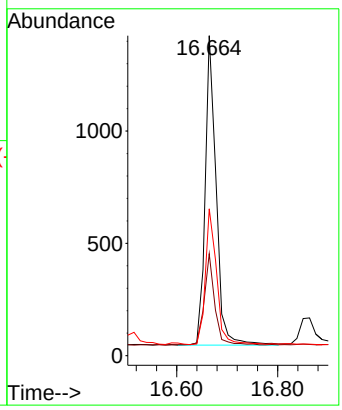


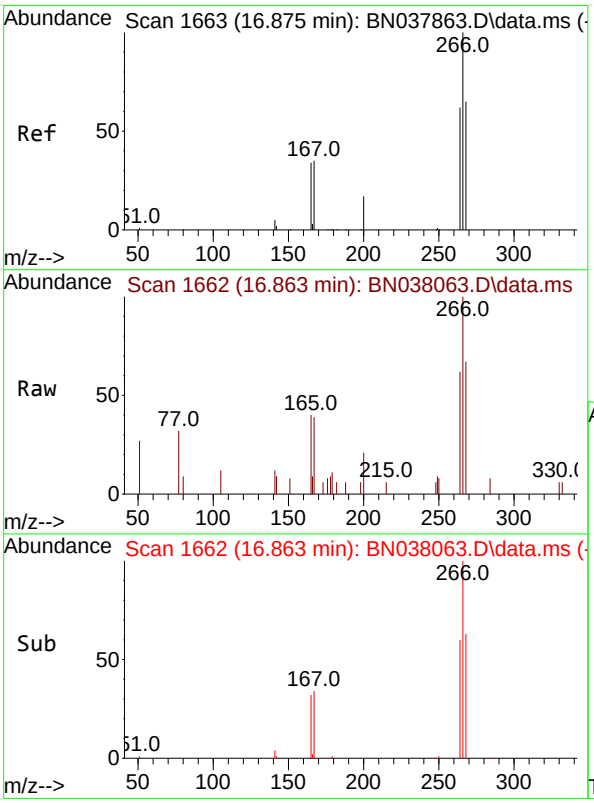
#23
Atrazine
Concen: 0.287 ng
RT: 16.664 min Scan# 1(
Delta R.T. -0.025 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:200 Resp: 2084

Ion	Ratio	Lower	Upper
200	100		
173	31.9	18.3	27.5#
215	45.9	38.6	58.0

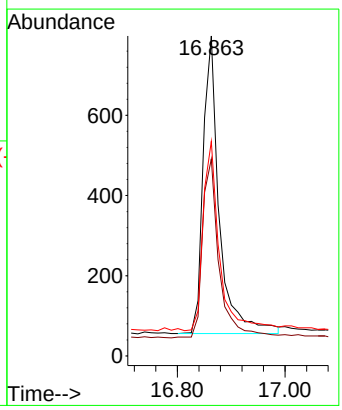


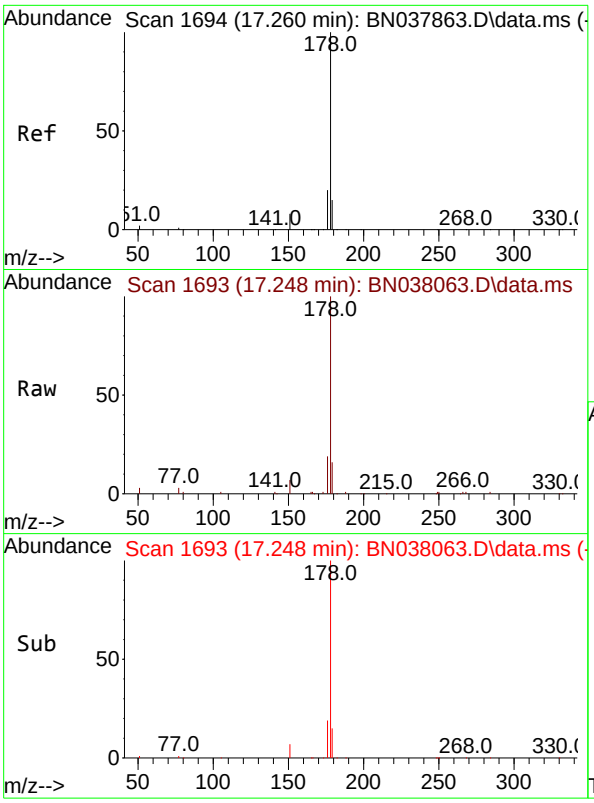


#24
Pentachlorophenol
Concen: 0.389 ng
RT: 16.863 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:266 Resp: 1545

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.9	76.3
268	64.9	54.3	81.5



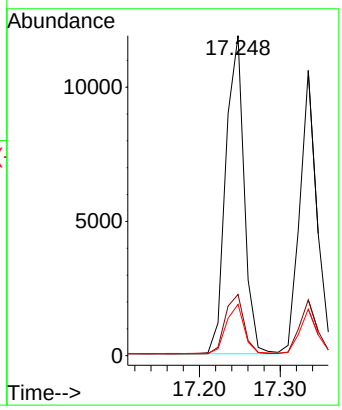


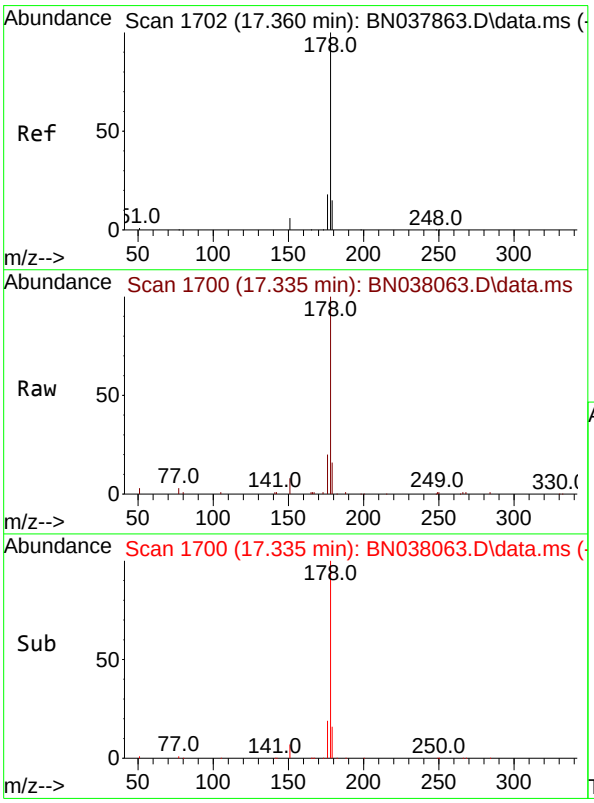
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.248 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:178 Resp: 18714

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.4	12.3	18.5

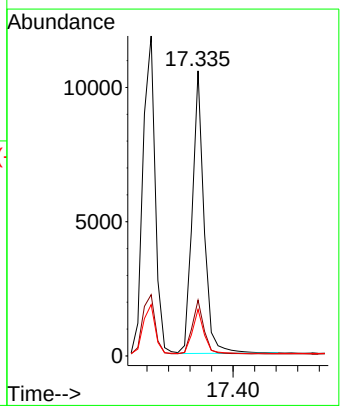


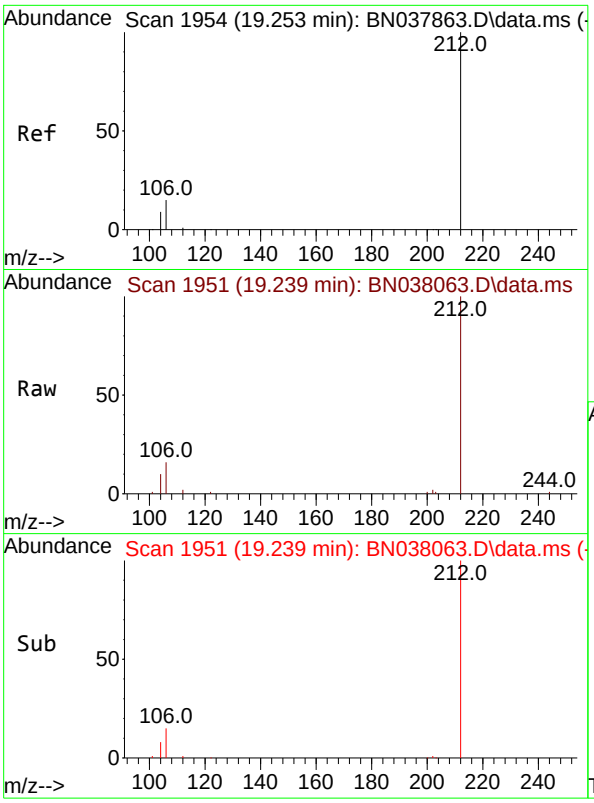


#26
Anthracene
Concen: 0.381 ng
RT: 17.335 min Scan# 1700
Delta R.T. -0.025 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:178 Resp: 15920

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.6	12.3	18.5



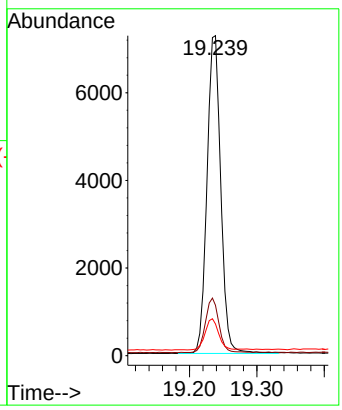


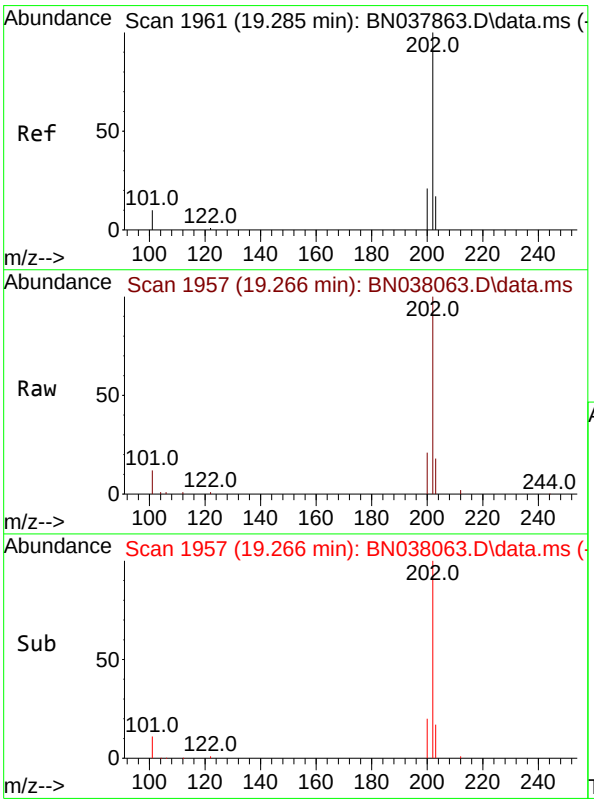
#27
Fluoranthene-d10
Concen: 0.280 ng
RT: 19.239 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:212 Resp: 10299

Ion	Ratio	Lower	Upper
212	100		
106	16.7	12.6	19.0
104	9.6	7.4	11.0

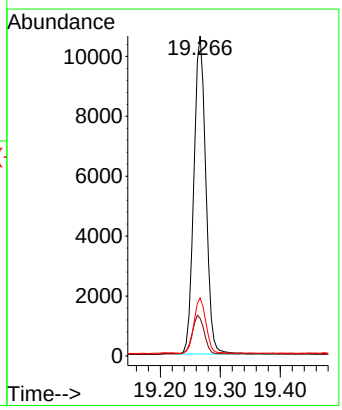


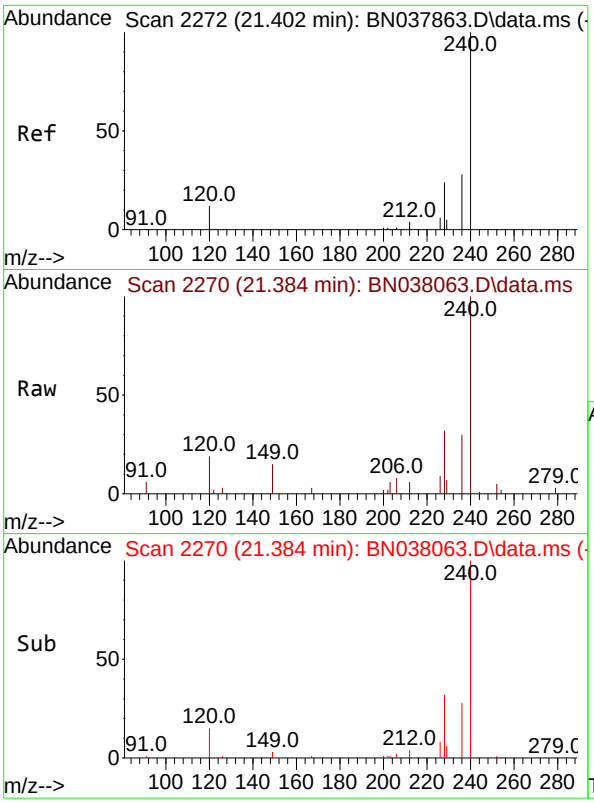


#28
Fluoranthene
Concen: 0.278 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.019 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:202 Resp: 14768

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.3	13.9
203	17.1	13.6	20.4



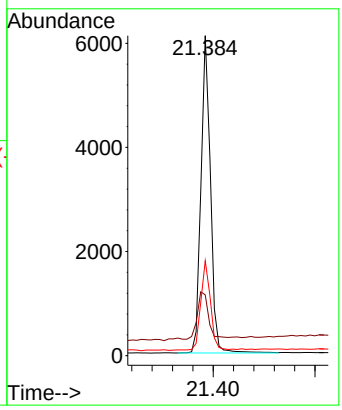


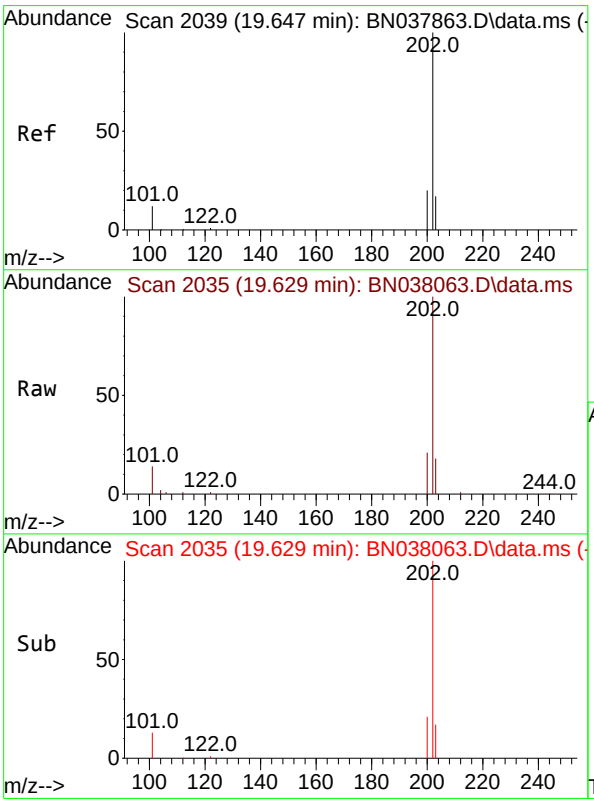
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:240 Resp: 7882

Ion	Ratio	Lower	Upper
240	100		
120	19.0	11.4	17.2#
236	29.7	23.0	34.6

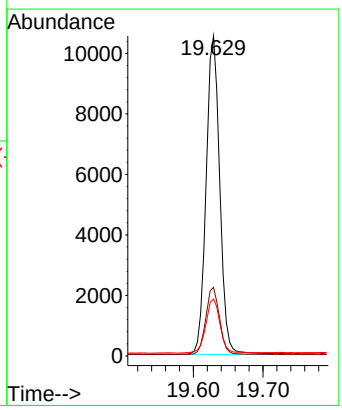


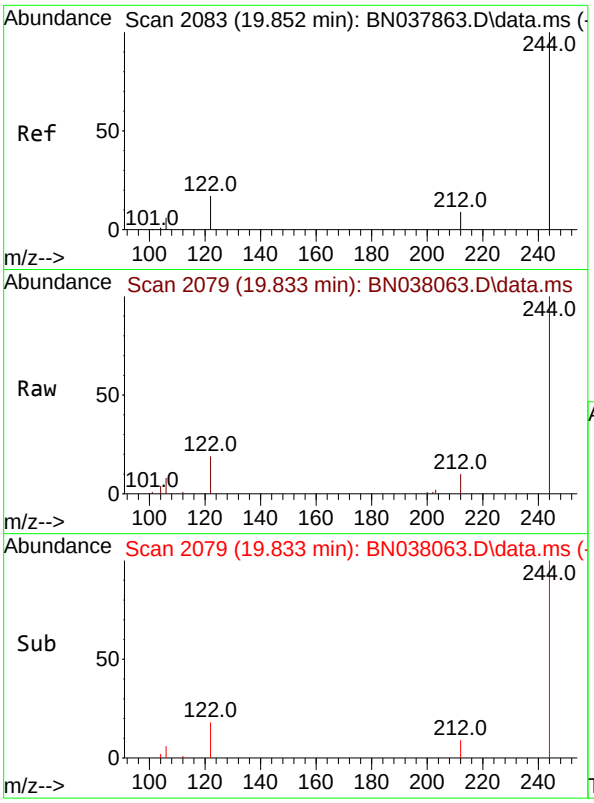


#30
Pyrene
Concen: 0.459 ng
RT: 19.629 min Scan# 2035
Delta R.T. -0.019 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:202 Resp: 14286

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.8	14.2	21.4



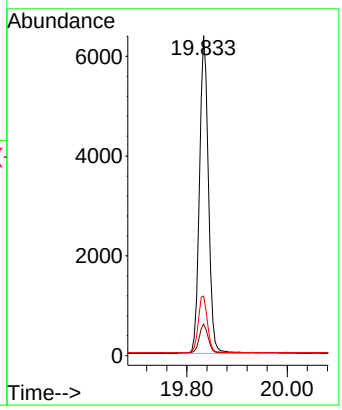


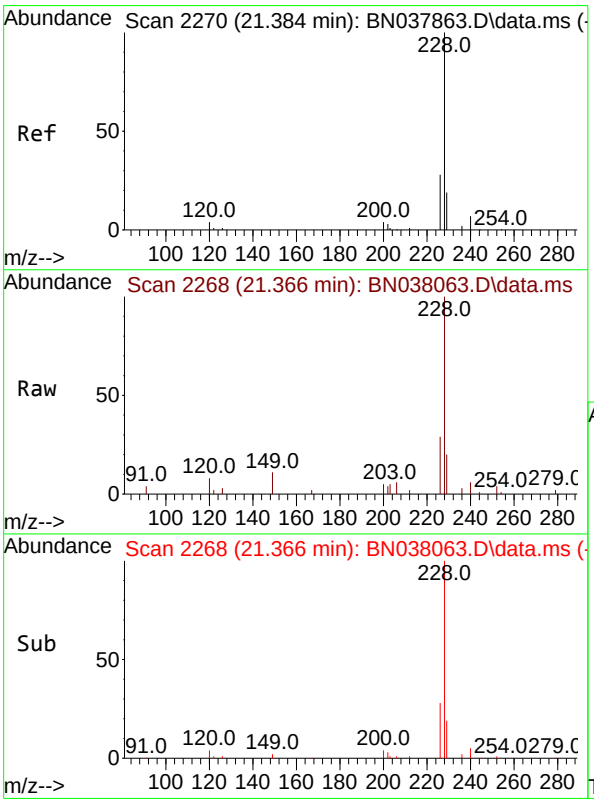
#31
Terphenyl-d14
Concen: 0.500 ng
RT: 19.833 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:244 Resp: 7854

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.6	11.4
122	18.6	13.9	20.9

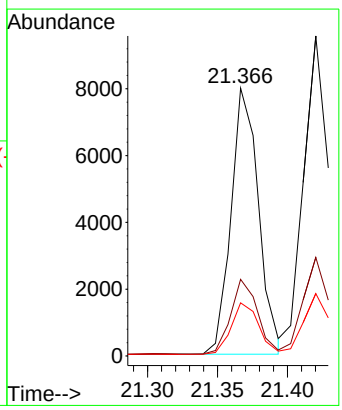


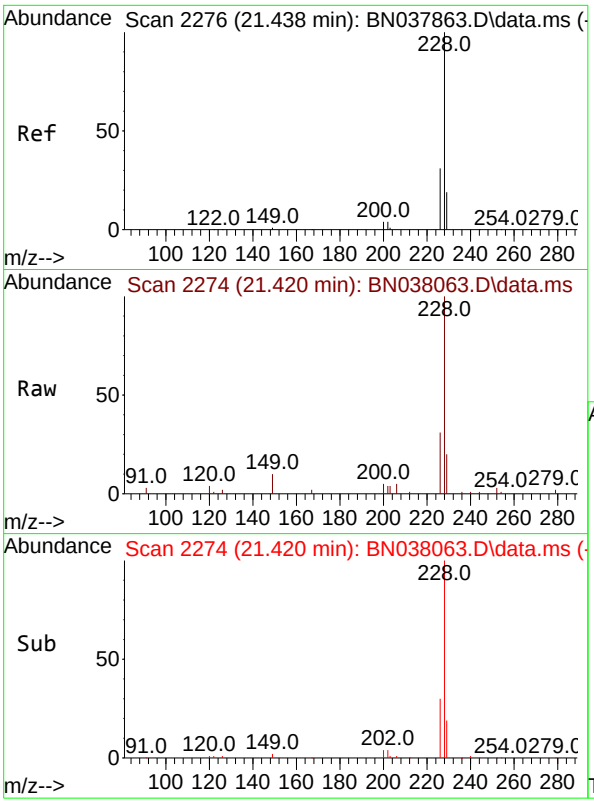


#32
Benzo(a)anthracene
Concen: 0.395 ng
RT: 21.366 min Scan# 2268
Delta R.T. -0.018 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:228 Resp: 10887

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.9	15.6	23.4



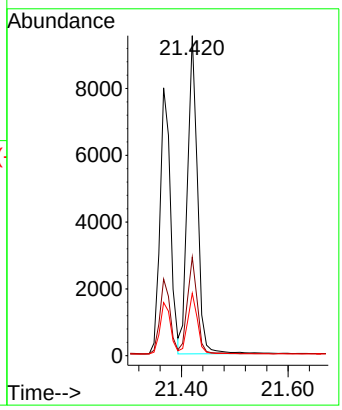


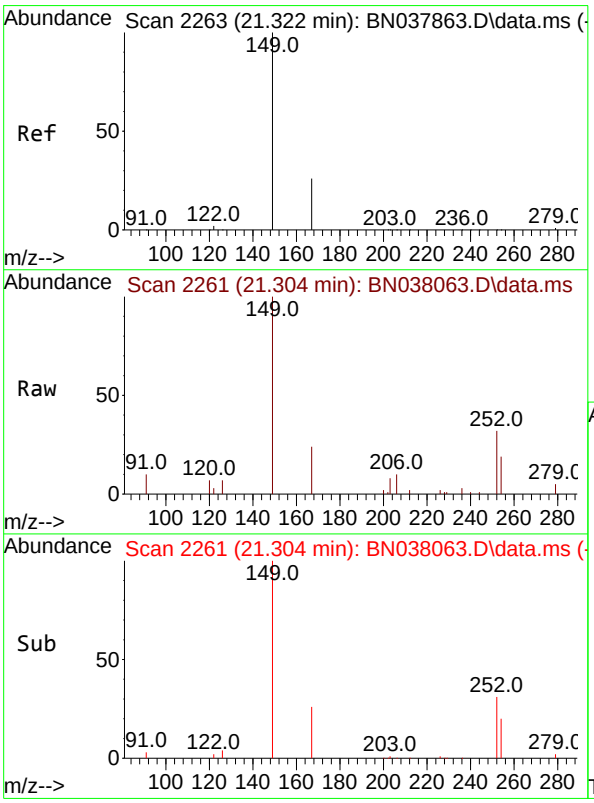
#33
Chrysene
Concen: 0.416 ng
RT: 21.420 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:228 Resp: 12396

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.5	15.6	23.4

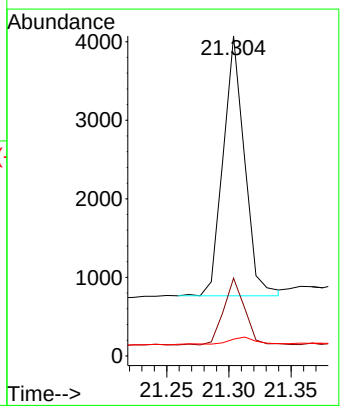


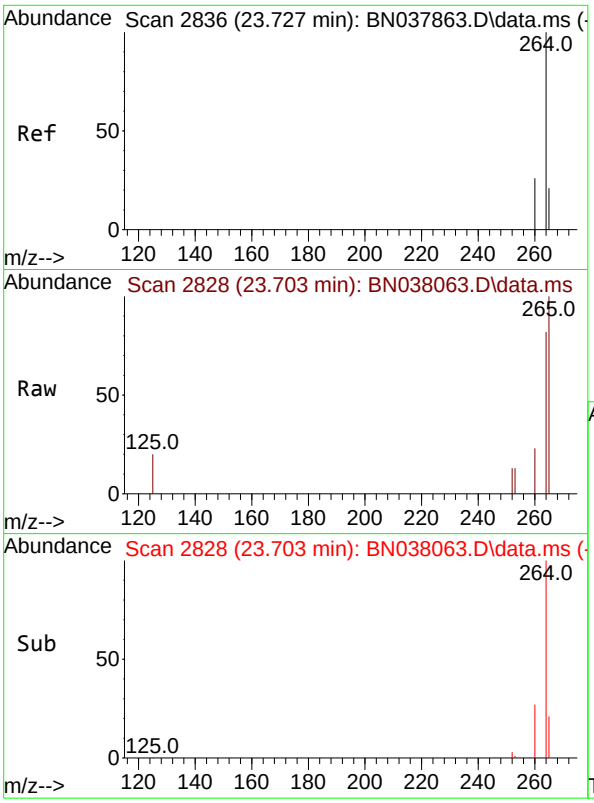


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.304 min Scan# 2261
Delta R.T. -0.018 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:149 Resp: 3959

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.4	30.6
279	4.8	2.4	3.6#



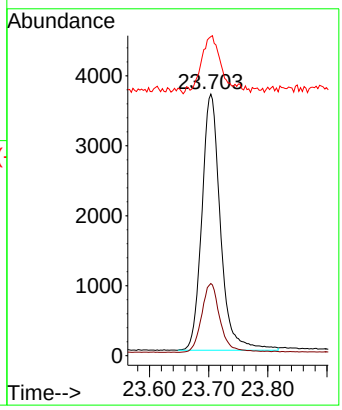


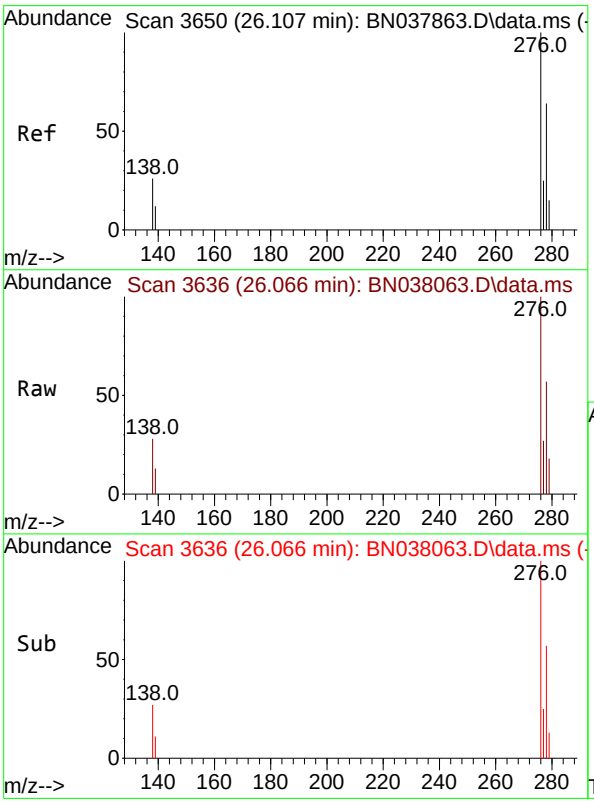
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.703 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:264 Resp: 7988

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.5	32.3
265	122.0	53.8	80.6#

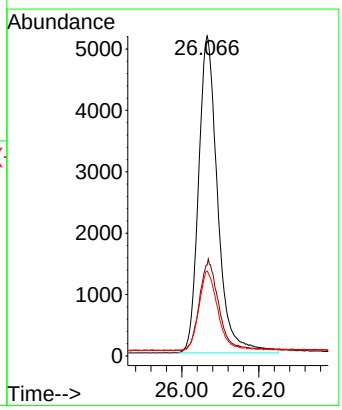


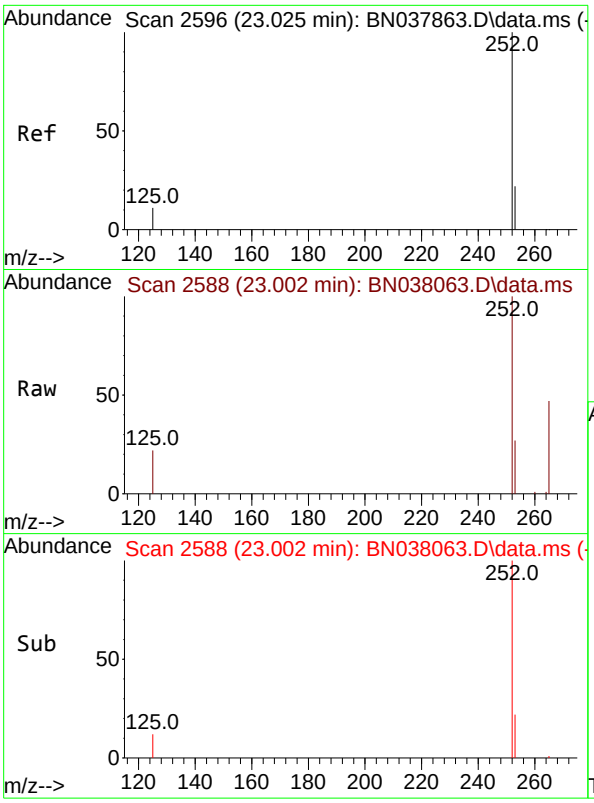


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.486 ng
RT: 26.066 min Scan# 3636
Delta R.T. -0.041 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:276 Resp: 17729

Ion	Ratio	Lower	Upper
276	100		
138	28.6	21.4	32.0
277	24.5	20.3	30.5



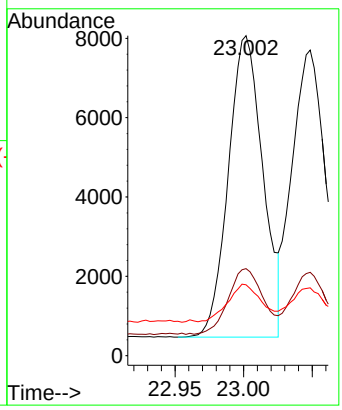


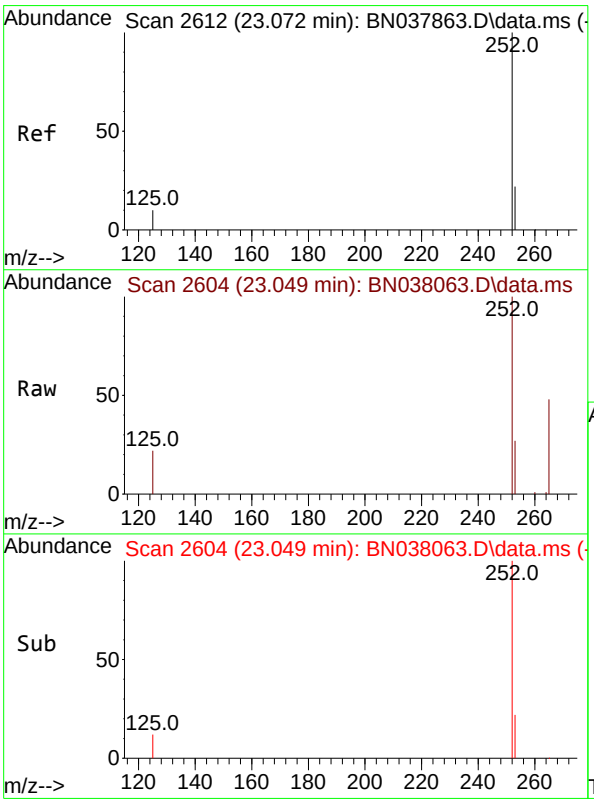
#37
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.002 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:252 Resp: 13292

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.4	29.0
125	22.2	13.0	19.4#

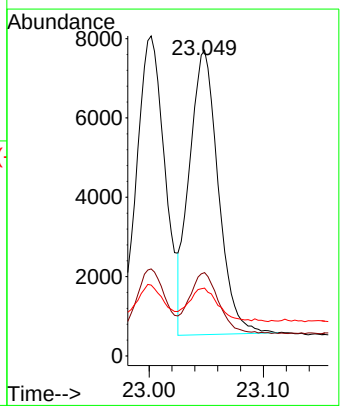


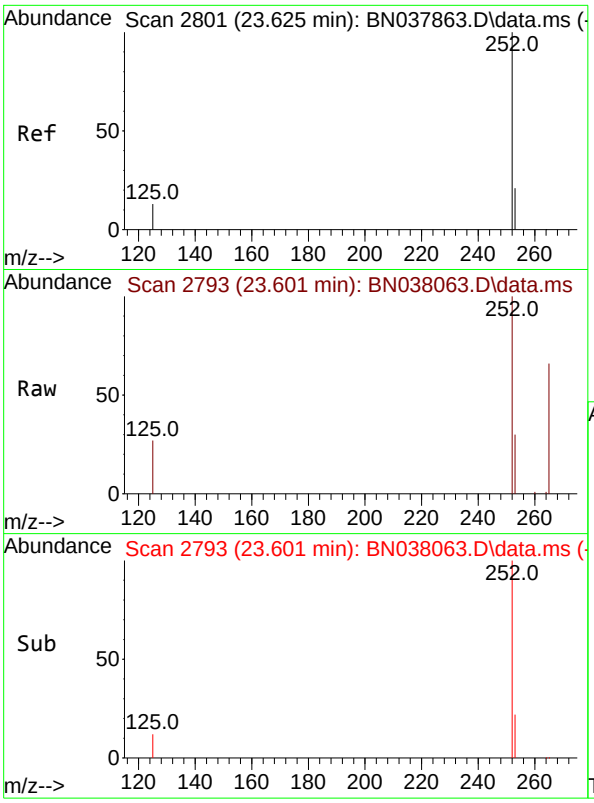


#38
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 23.049 min Scan# 2604
Delta R.T. -0.023 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:252 Resp: 12597

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.5	29.3
125	22.2	13.0	19.4#



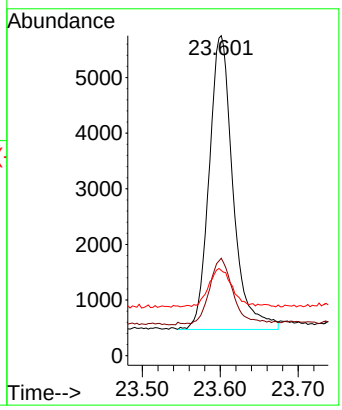


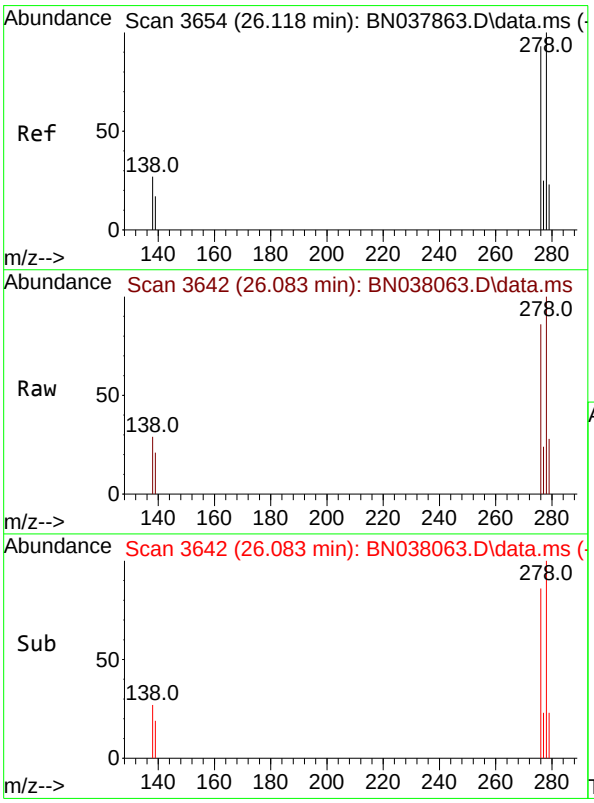
#39
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.601 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:252 Resp: 11246

Ion	Ratio	Lower	Upper
252	100		
253	30.4	20.6	30.8
125	26.7	16.7	25.1#

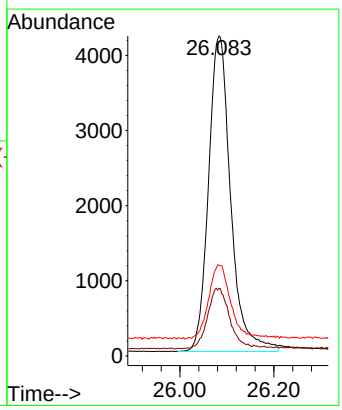


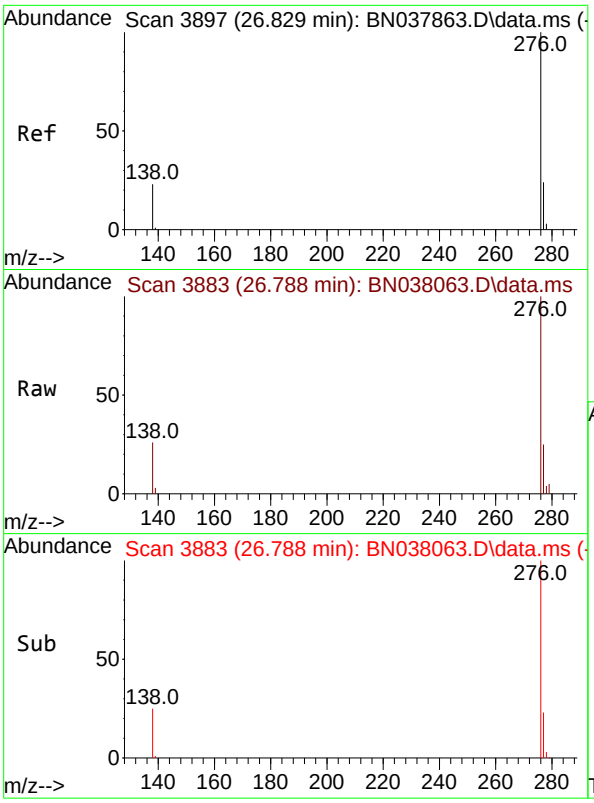


#40
Dibenzo(a,h)anthracene
Concen: 0.482 ng
RT: 26.083 min Scan# 3642
Delta R.T. -0.035 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Tgt Ion:278 Resp: 13744

Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.4	23.2
279	28.4	20.8	31.2





#41
Benzo(g,h,i)perylene
Concen: 0.525 ng
RT: 26.788 min Scan# 3
Delta R.T. -0.041 min
Lab File: BN038063.D
Acq: 08 Oct 2025 02:06

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Tgt Ion:276 Resp: 15717

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.4
138	26.5	19.8	29.8