Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092325\
Data File : BN037862.D
Acq On : 23 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 23 16:21:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:17:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	5544	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	15739	0.400	ng		0.00
13) Acenaphthene-d10	14.473	164	8069	0.400	ng		0.00
19) Phenanthrene-d10	17.223	188	15912	0.400	ng		0.00
29) Chrysene-d12	21.402	240	13158	0.400	ng		0.00
35) Perylene-d12	23.730	264	12974	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	2553	0.202	ng		0.00
5) Phenol-d6	6.973	99	3326	0.200	ng		0.00
8) Nitrobenzene-d5	8.971	82	2278	0.190	ng		0.00
11) 2-Methylnaphthalene-d10	12.217	152	4078	0.187	ng		0.00
14) 2,4,6-Tribromophenol	15.969	330	573	0.176	ng		0.00
15) 2-Fluorobiphenyl	13.094	172	6579	0.199	ng		0.00
27) Fluoranthene-d10	19.253	212	7304	0.182	ng		0.00
31) Terphenyl-d14	19.852	244	5201	0.198	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	1144	0.203	ng		97
3) n-Nitrosodimethylamine	3.601	42	1500	0.200	ng	#	94
6) bis(2-Chloroethyl)ether	7.241	93	3039	0.197	ng		98
9) Naphthalene	10.669	128	8573	0.198	ng		99
10) Hexachlorobutadiene	10.979	225	1450	0.196	ng	#	99
12) 2-Methylnaphthalene	12.293	142	5361	0.189	ng		100
16) Acenaphthylene	14.195	152	6943	0.190	ng		99
17) Acenaphthene	14.537	154	4963	0.190	ng		98
18) Fluorene	15.523	166	5870	0.186	ng		99
20) 4,6-Dinitro-2-methylph...	15.597	198	325	0.230	ng	#	64
21) 4-Bromophenyl-phenylether	16.416	248	1965	0.190	ng		97
22) Hexachlorobenzene	16.540	284	2483	0.198	ng		99
23) Atrazine	16.677	200	1442	0.183	ng	#	89
24) Pentachlorophenol	16.876	266	804	0.186	ng		99
25) Phenanthrene	17.260	178	10109	0.193	ng		99
26) Anthracene	17.347	178	8235	0.181	ng		99
28) Fluoranthene	19.280	202	10466	0.181	ng		100
30) Pyrene	19.643	202	10528	0.203	ng		100
32) Benzo(a)anthracene	21.384	228	8943	0.194	ng		99
33) Chrysene	21.438	228	10042	0.202	ng		99
34) Bis(2-ethylhexyl)phtha...	21.322	149	3892	0.214	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.110	276	10845	0.183	ng		99
37) Benzo(b)fluoranthene	23.025	252	10420	0.186	ng	#	91
38) Benzo(k)fluoranthene	23.069	252	10290	0.183	ng	#	93
39) Benzo(a)pyrene	23.628	252	8405	0.190	ng	#	88
40) Dibenzo(a,h)anthracene	26.121	278	8321	0.180	ng		92
41) Benzo(g,h,i)perylene	26.826	276	8956	0.184	ng		97

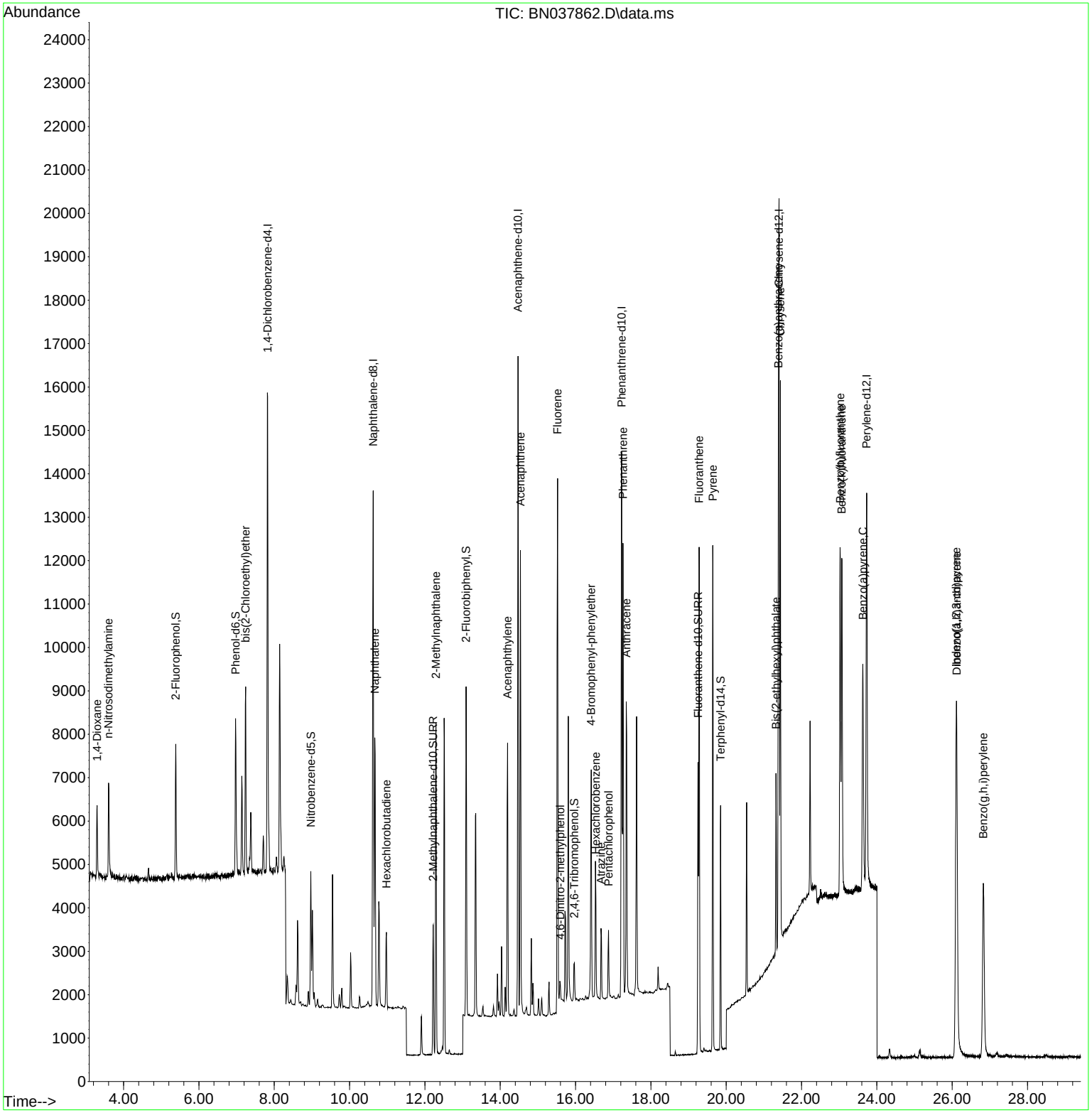
(#) = qualifier out of range (m) = manual integration (+) = signals summed

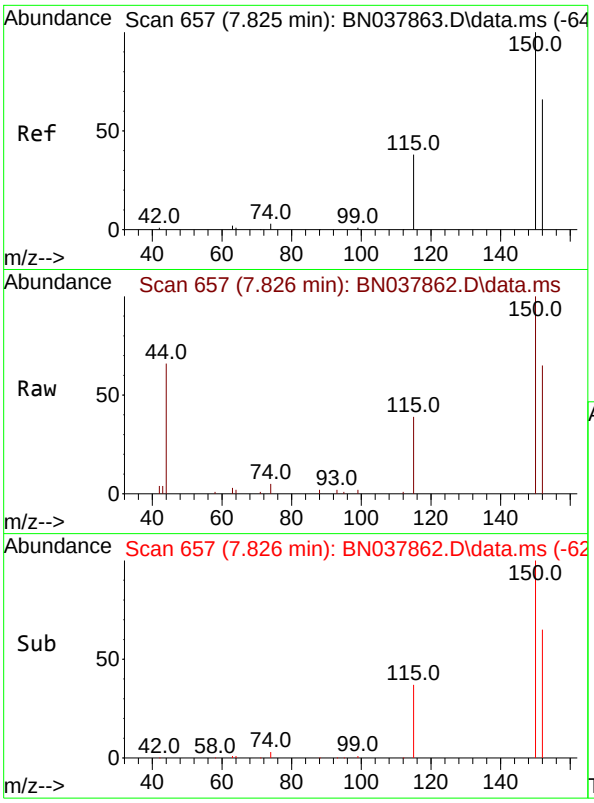
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092325\
Data File : BN037862.D
Acq On : 23 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 23 16:21:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:17:53 2025
Response via : Initial Calibration



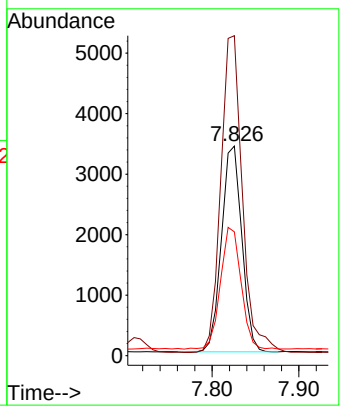


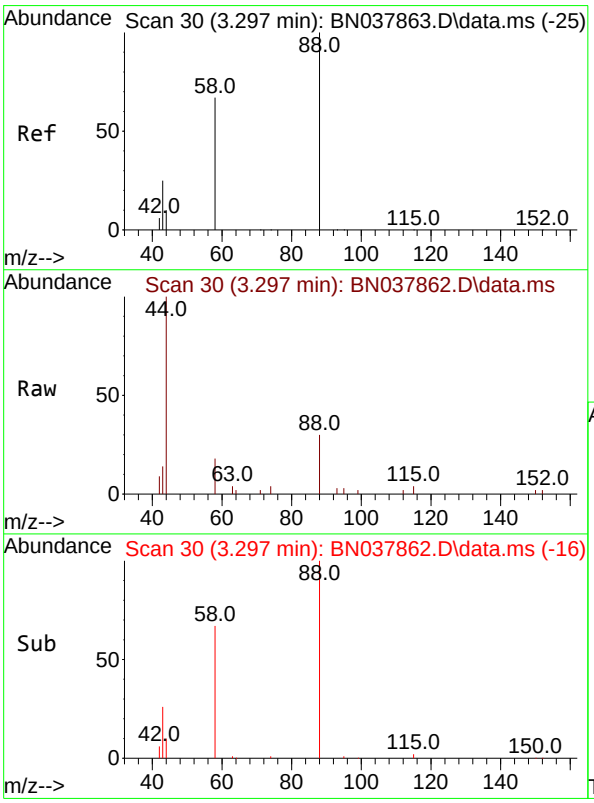
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5544

Ion	Ratio	Lower	Upper
152	100		
150	152.7	121.0	181.4
115	59.1	47.4	71.0

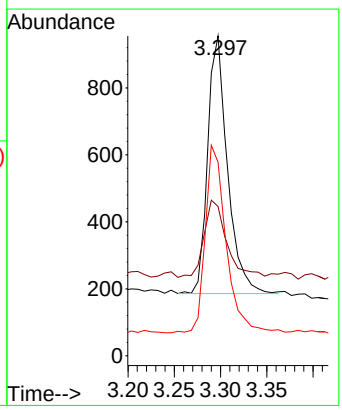


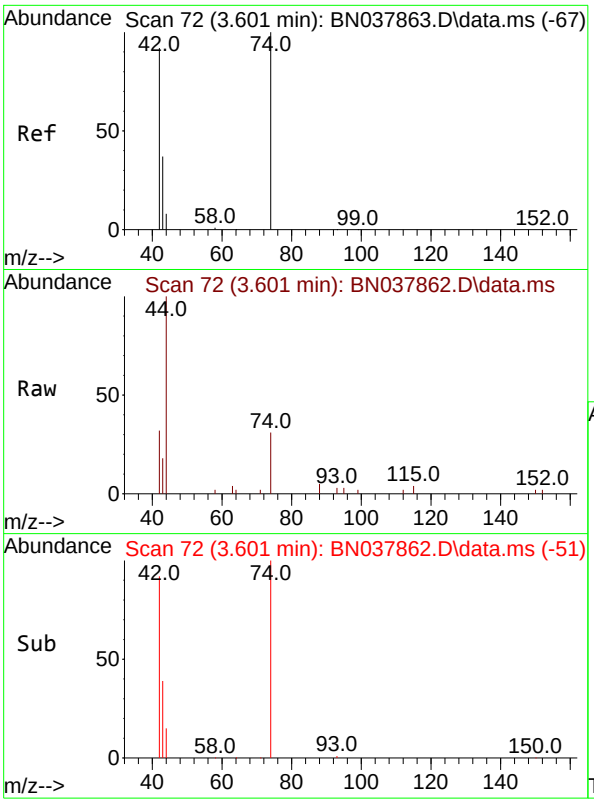


#2
1,4-Dioxane
Concen: 0.203 ng
RT: 3.297 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion: 88 Resp: 1144

Ion	Ratio	Lower	Upper
88	100		
43	34.1	26.6	39.8
58	76.4	58.9	88.3



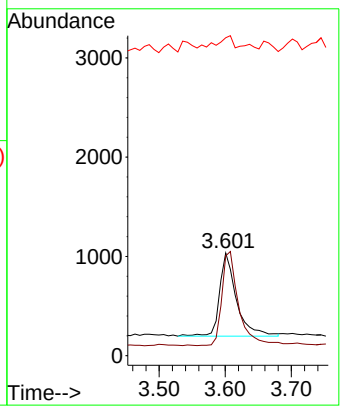


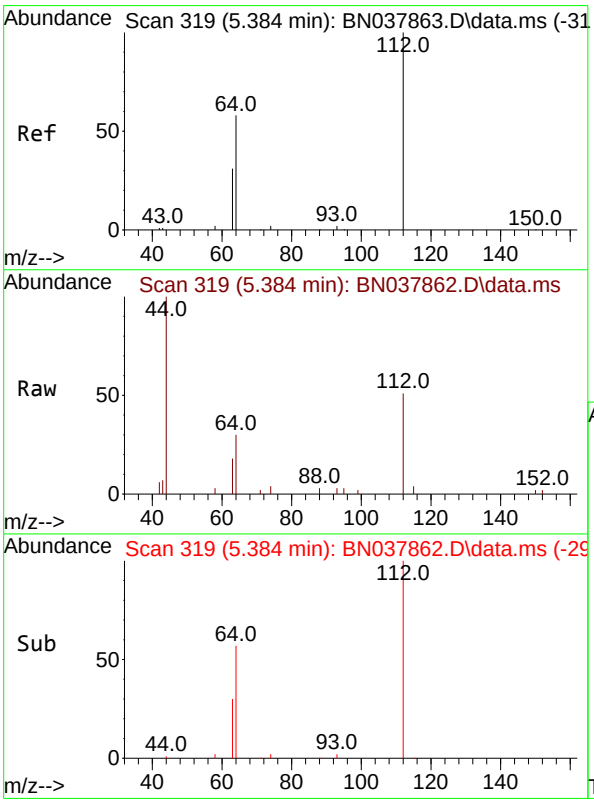
#3
n-Nitrosodimethylamine
Concen: 0.200 ng
RT: 3.601 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1500

Ion	Ratio	Lower	Upper
42	100		
74	112.1	93.4	140.0
44	20.9	22.2	33.4#

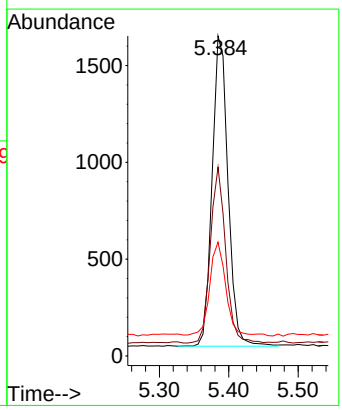


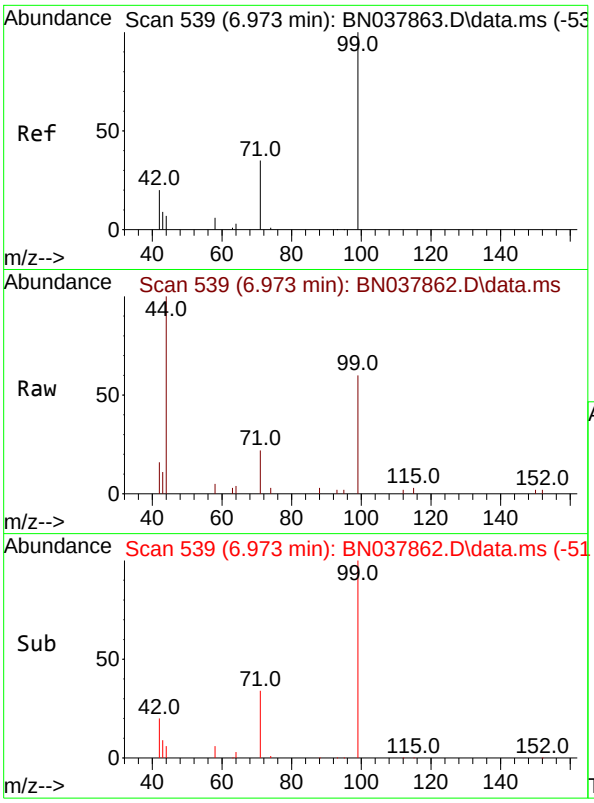


#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:112 Resp: 2553

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.6	66.8
63	30.9	24.9	37.3



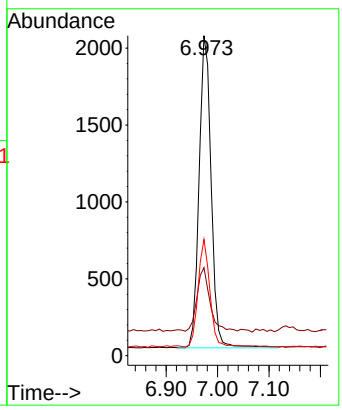


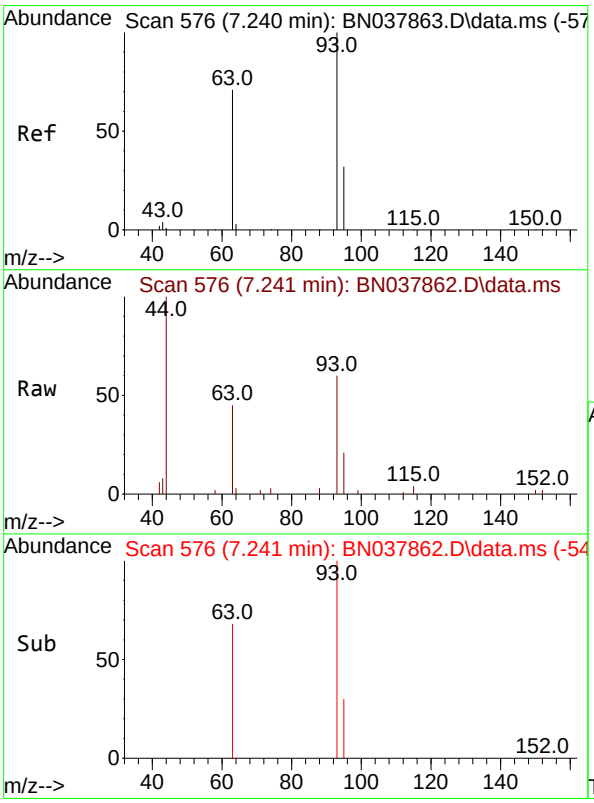
#5
Phenol-d6
Concen: 0.200 ng
RT: 6.973 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3326

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.2	25.8
71	33.3	27.3	40.9

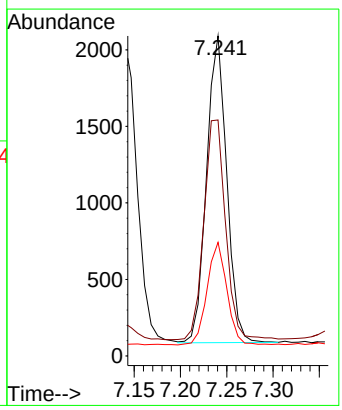


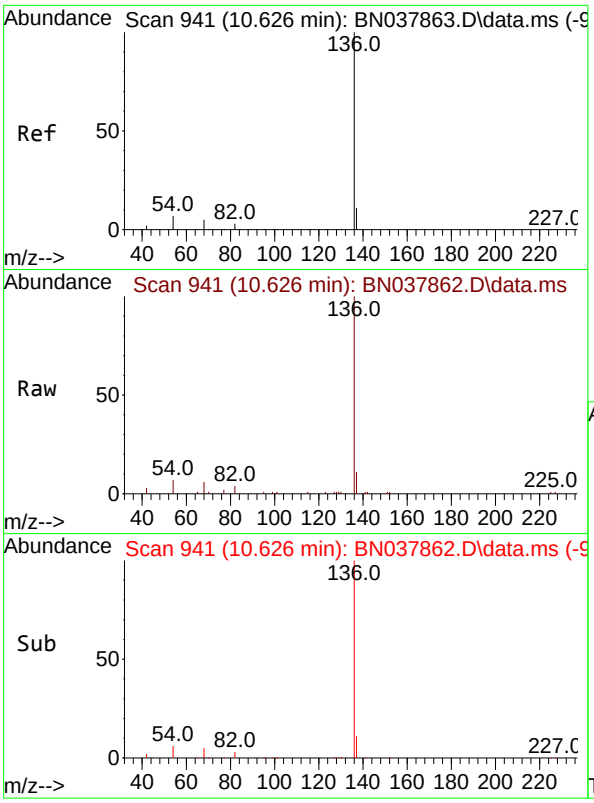


#6
bis(2-Chloroethyl)ether
Concen: 0.197 ng
RT: 7.241 min Scan# 576
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion: 93 Resp: 3039

Ion	Ratio	Lower	Upper
93	100		
63	77.1	60.1	90.1
95	33.0	25.4	38.2



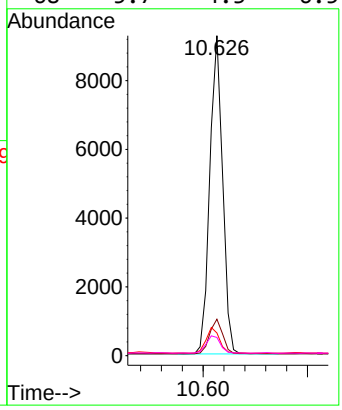


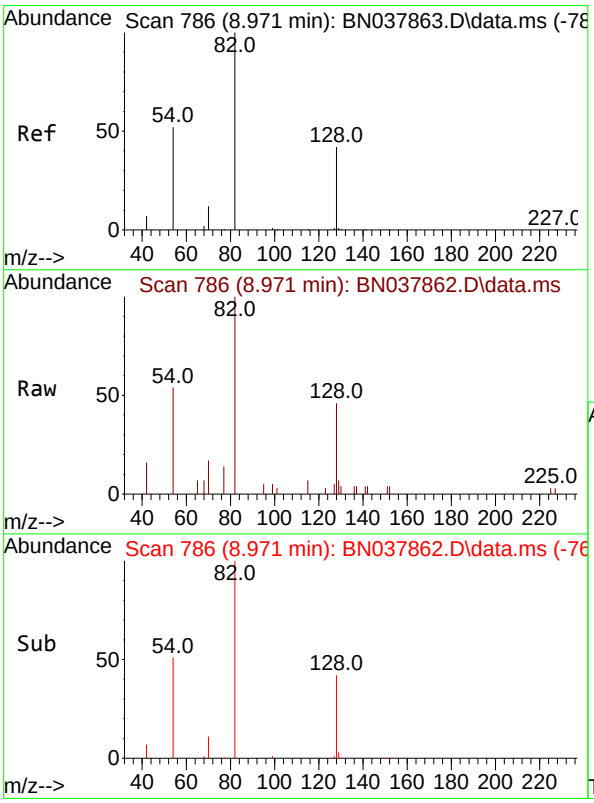
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 15739

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.1	5.8	8.8
68	5.7	4.3	6.5

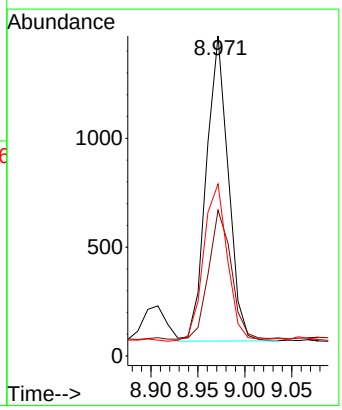


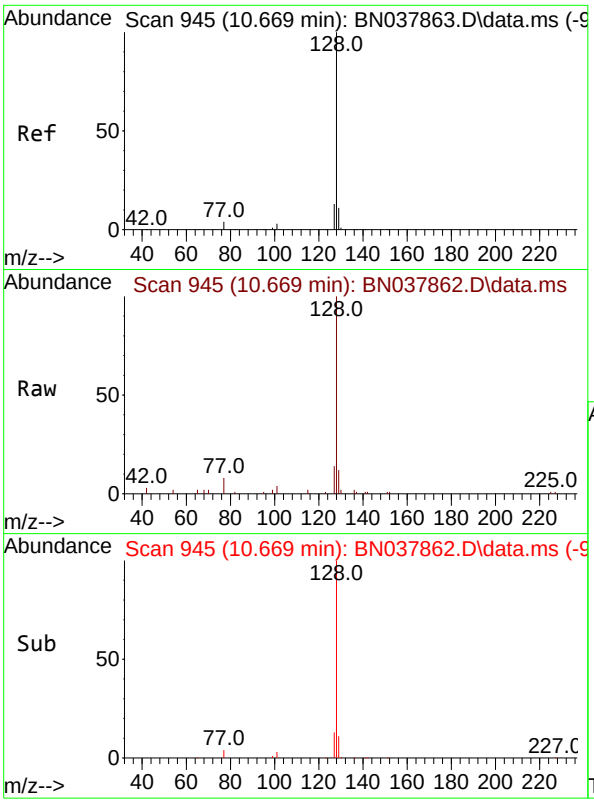


#8
Nitrobenzene-d5
Concen: 0.190 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion: 82 Resp: 2278

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.8	52.2
54	53.7	42.2	63.2



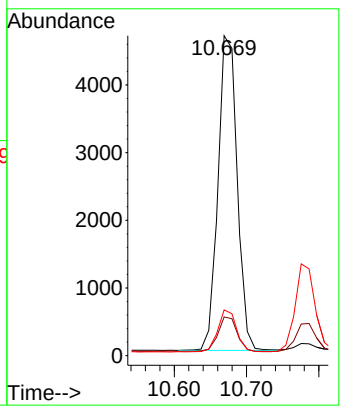


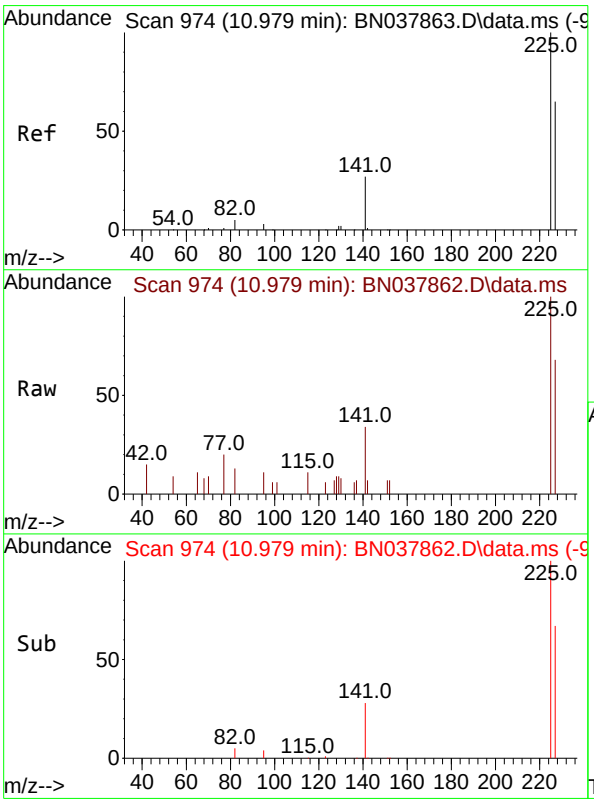
#9
Naphthalene
Concen: 0.198 ng
RT: 10.669 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 8573

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	14.3	11.0	16.6

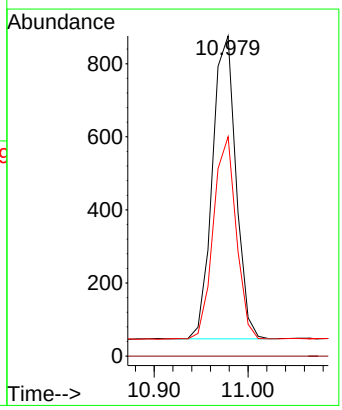


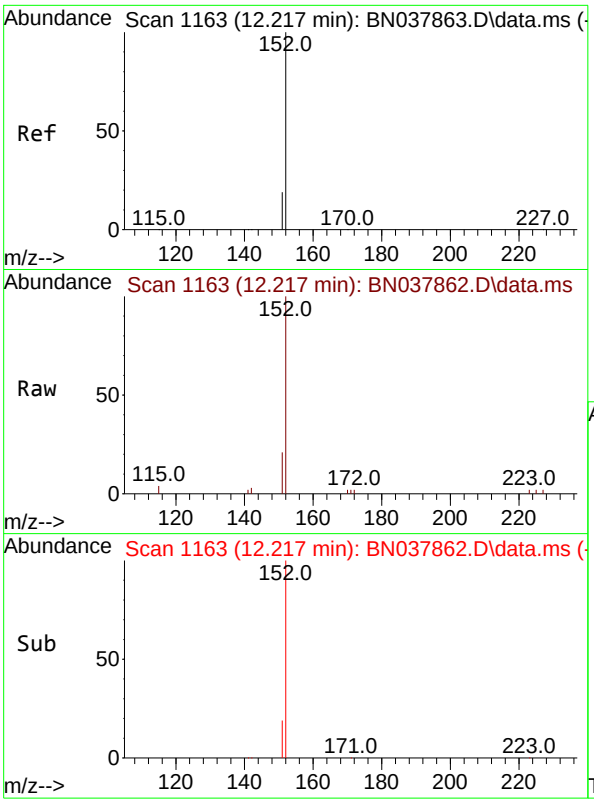


#10
Hexachlorobutadiene
Concen: 0.196 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:225 Resp: 1450

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	51.4	77.2



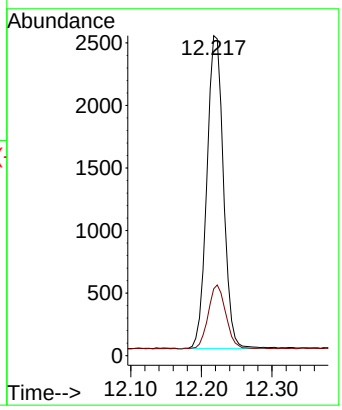


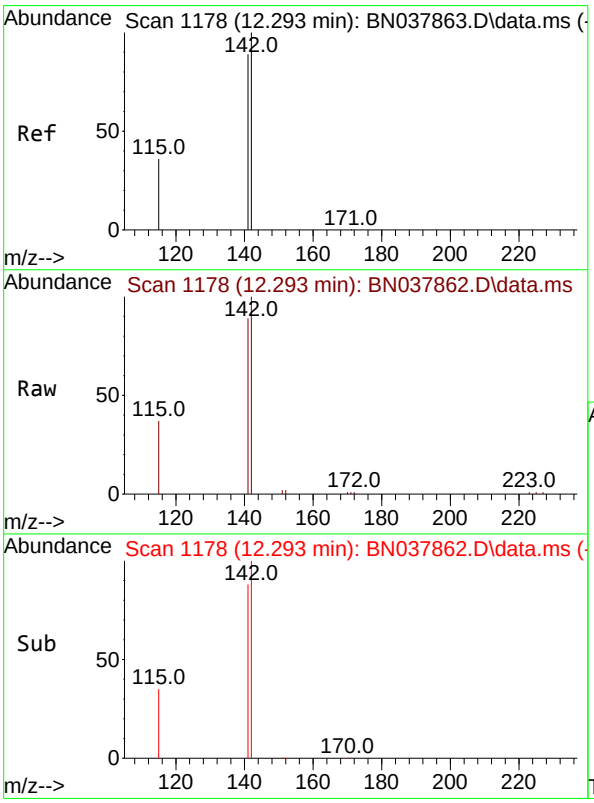
#11
2-Methylnaphthalene-d10
Concen: 0.187 ng
RT: 12.217 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4078

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2

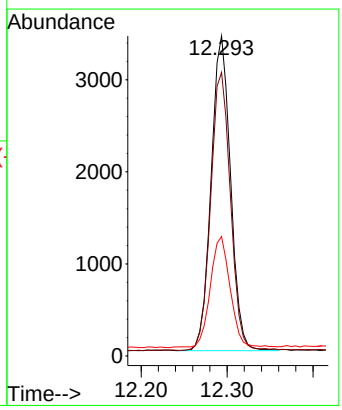


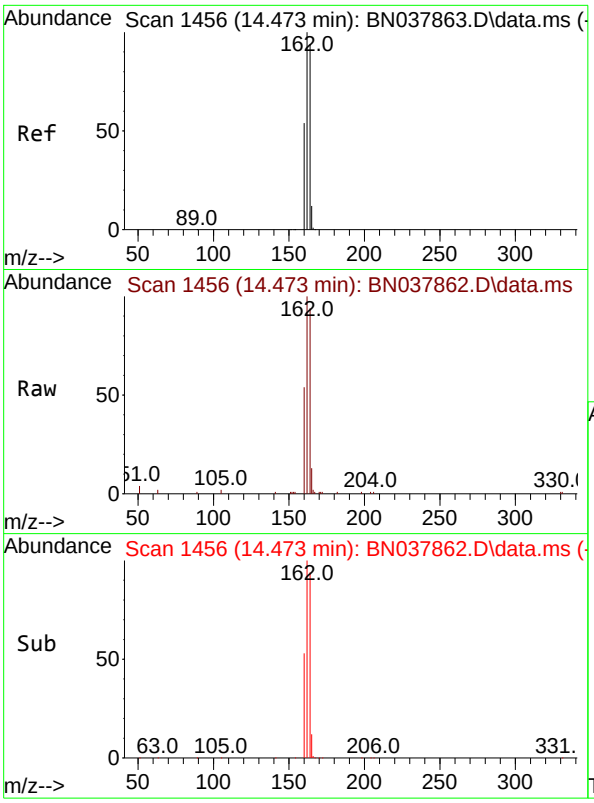


#12
2-Methylnaphthalene
Concen: 0.189 ng
RT: 12.293 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:142 Resp: 5361

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8
115	37.3	29.7	44.5



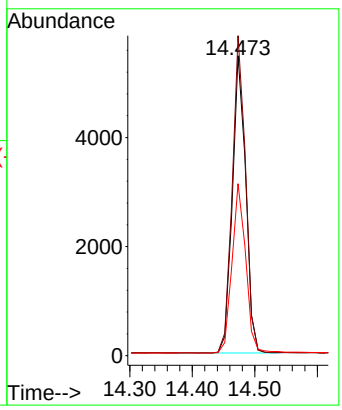


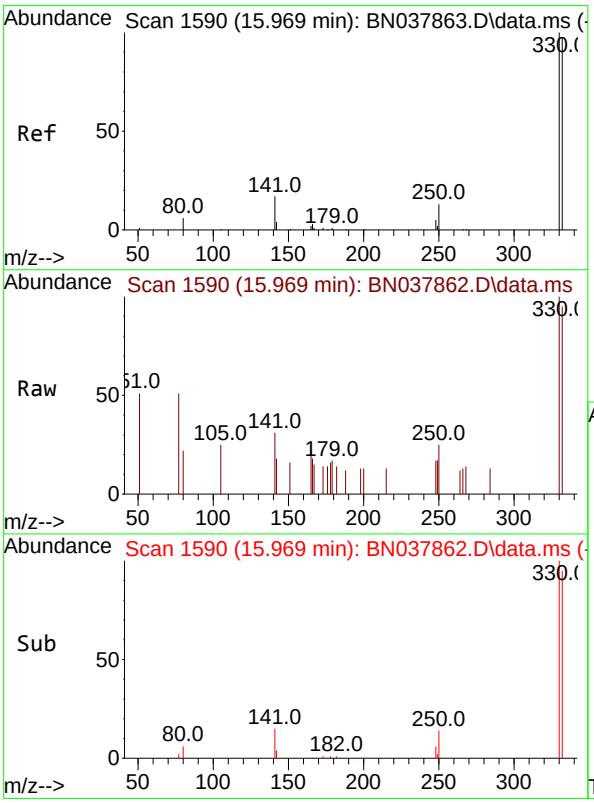
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8069

Ion	Ratio	Lower	Upper
164	100		
162	106.7	84.8	127.2
160	57.3	46.1	69.1

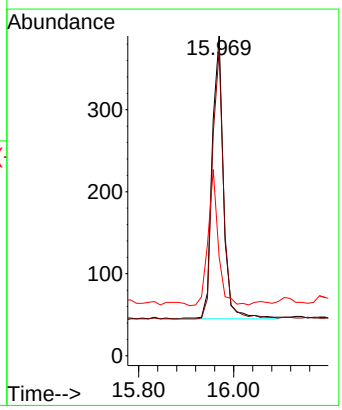


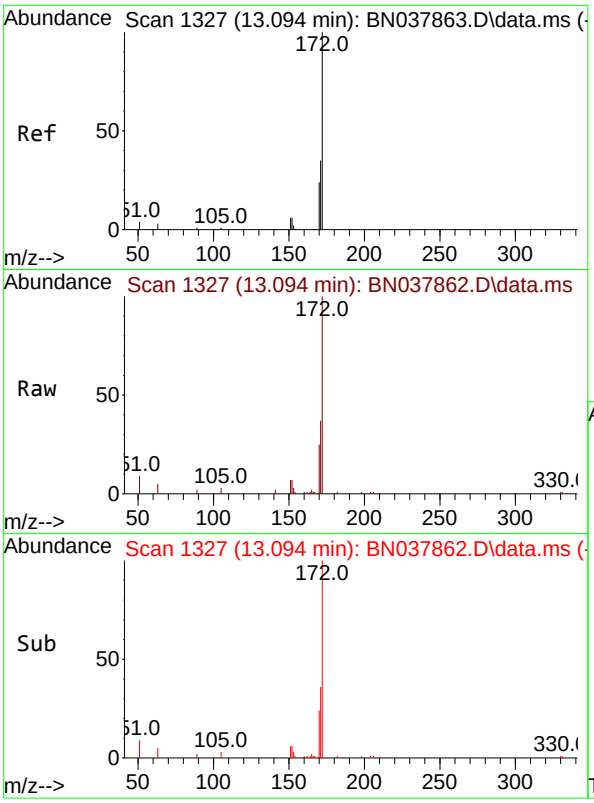


#14
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:330 Resp: 573

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.2	115.8
141	44.0	37.2	55.8



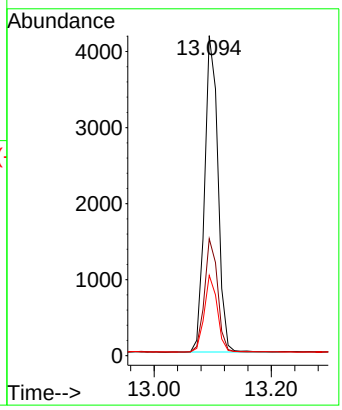


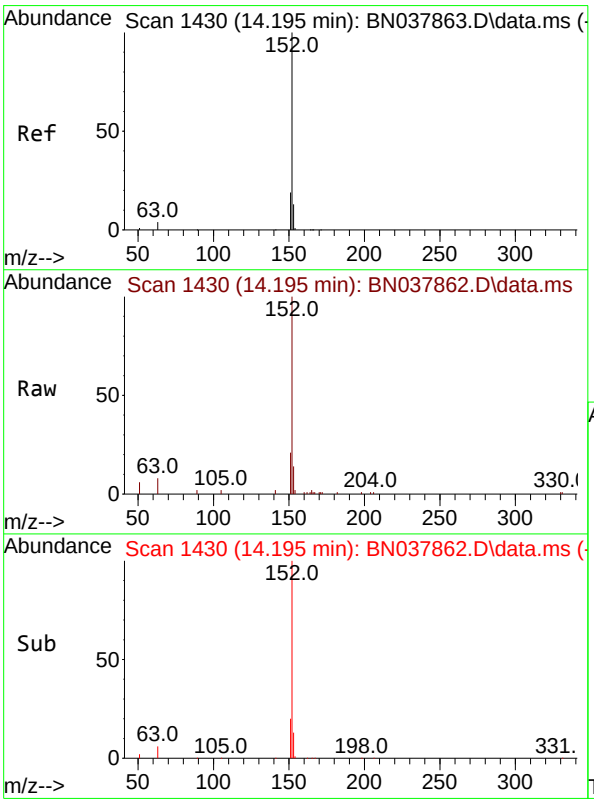
#15
2-Fluorobiphenyl
Concen: 0.199 ng
RT: 13.094 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6579

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	25.1	19.7	29.5

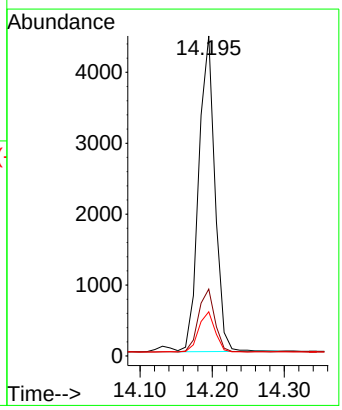


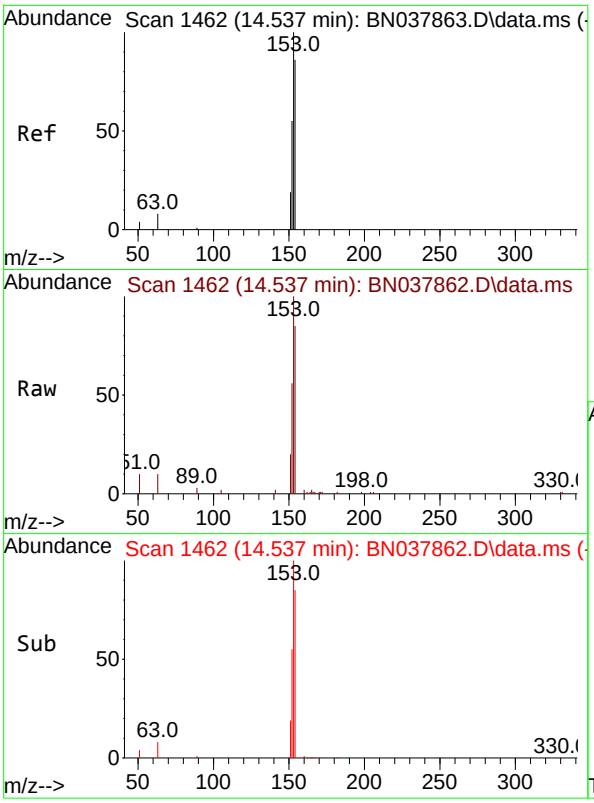


#16
Acenaphthylene
Concen: 0.190 ng
RT: 14.195 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:152 Resp: 6943

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.1	10.5	15.7



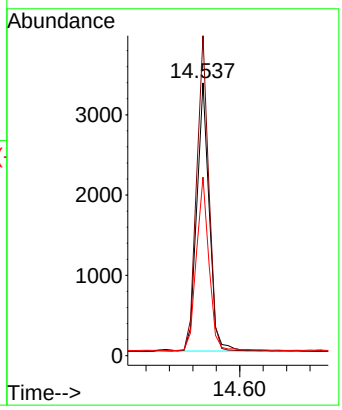


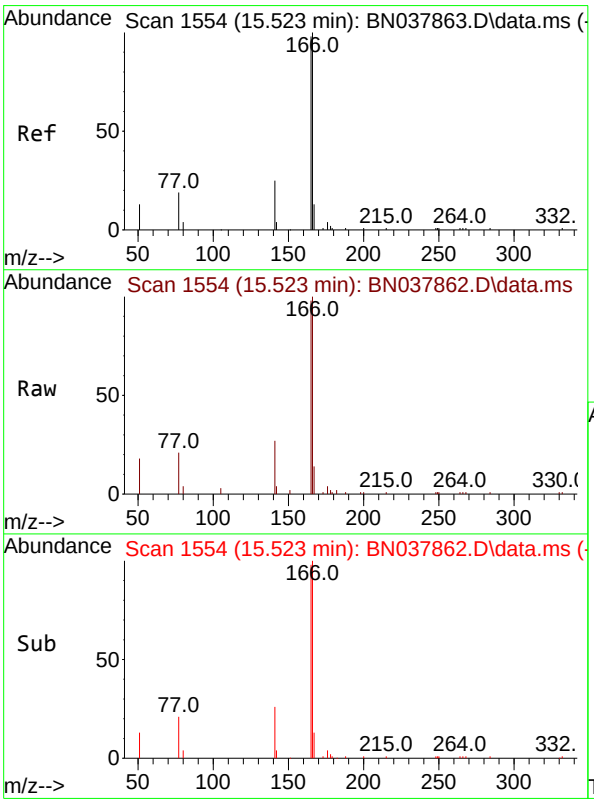
#17
Acenaphthene
Concen: 0.190 ng
RT: 14.537 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4963

Ion	Ratio	Lower	Upper
154	100		
153	115.4	90.5	135.7
152	65.5	51.8	77.8

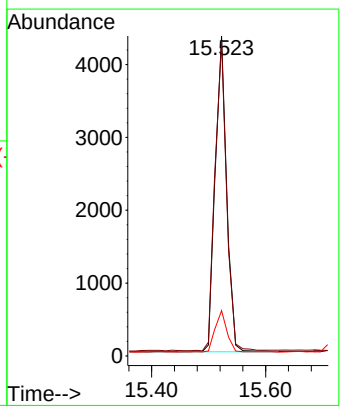


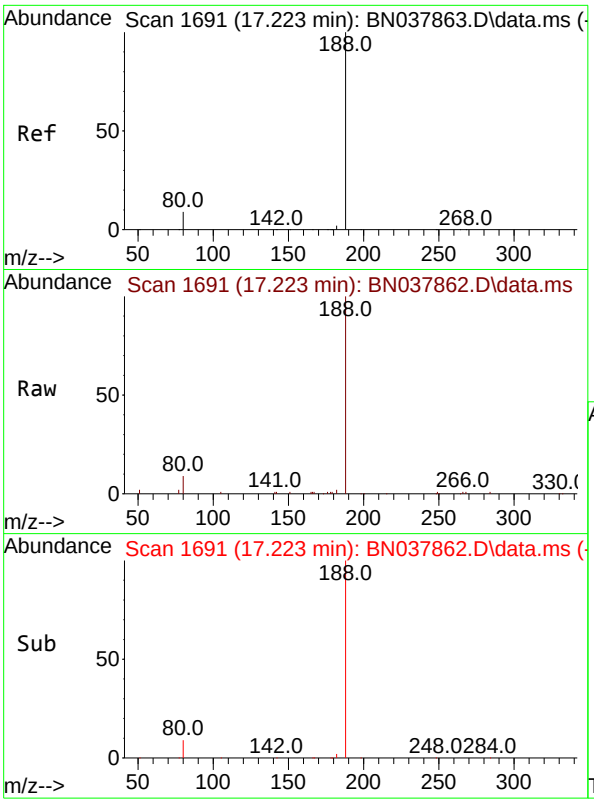


#18
Fluorene
Concen: 0.186 ng
RT: 15.523 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:166 Resp: 5870

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.4
167	13.9	10.6	16.0



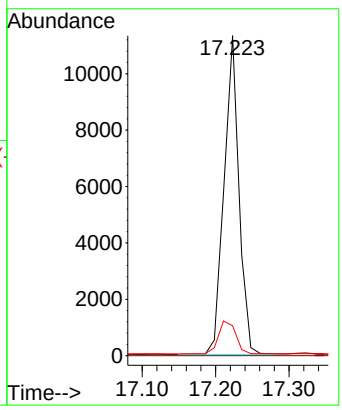


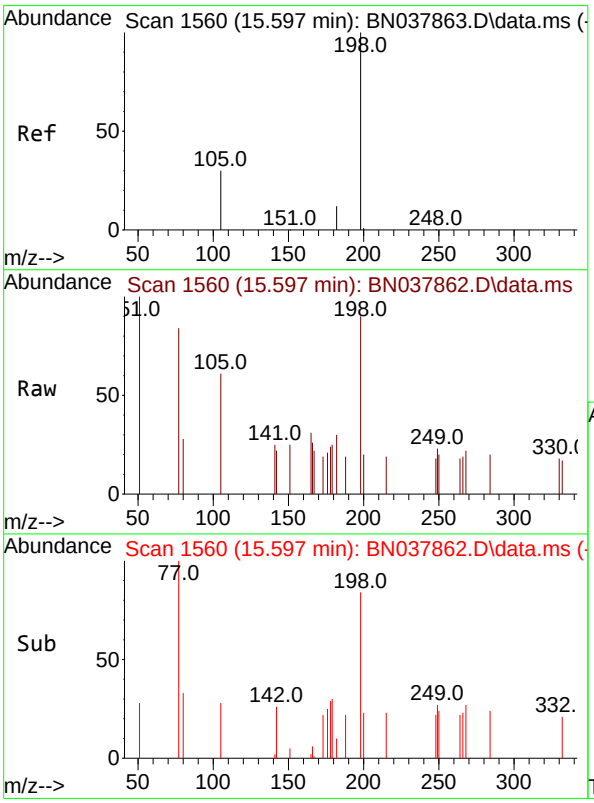
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 15912

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.6	11.4

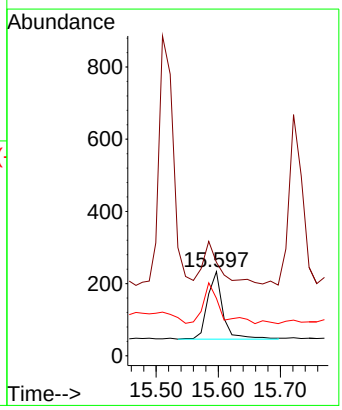


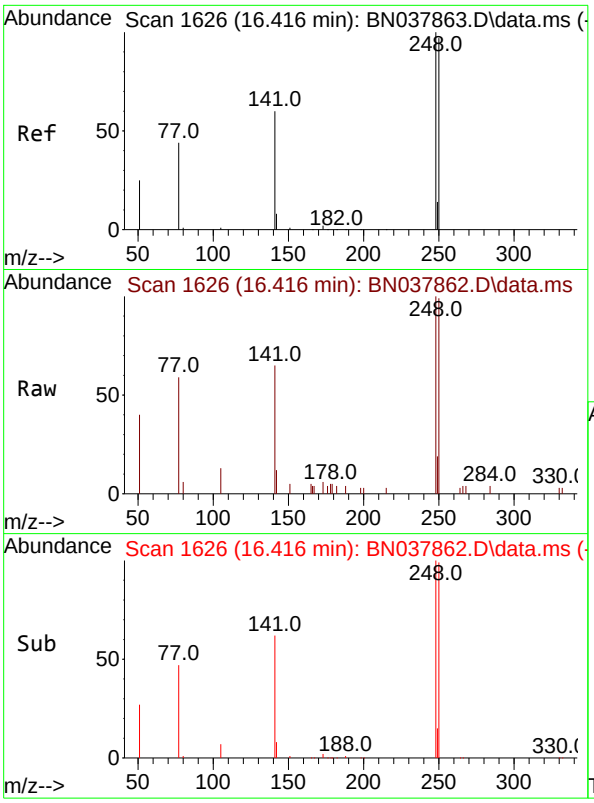


#20
4,6-Dinitro-2-methylphenol
Concen: 0.230 ng
RT: 15.597 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:198 Resp: 325

Ion	Ratio	Lower	Upper
198	100		
51	111.2	59.1	88.7#
105	68.2	41.3	61.9#



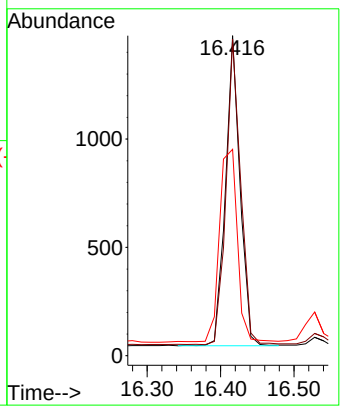


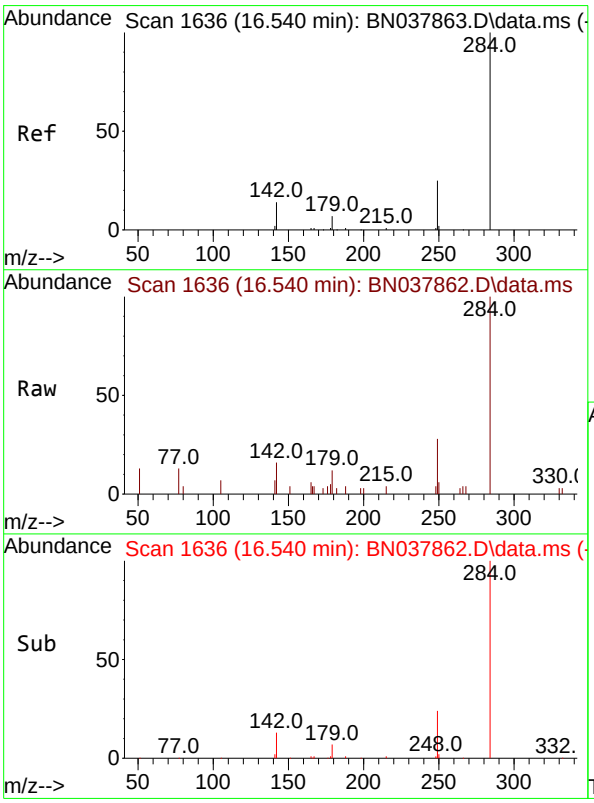
#21
4-Bromophenyl-phenylether
Concen: 0.190 ng
RT: 16.416 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1965

Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.6	116.4
141	64.5	48.8	73.2

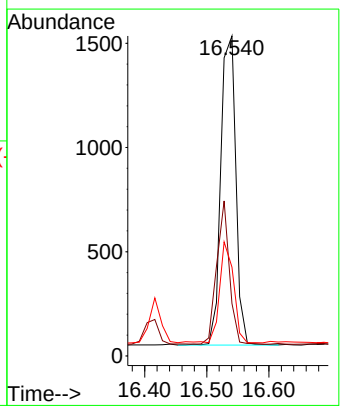


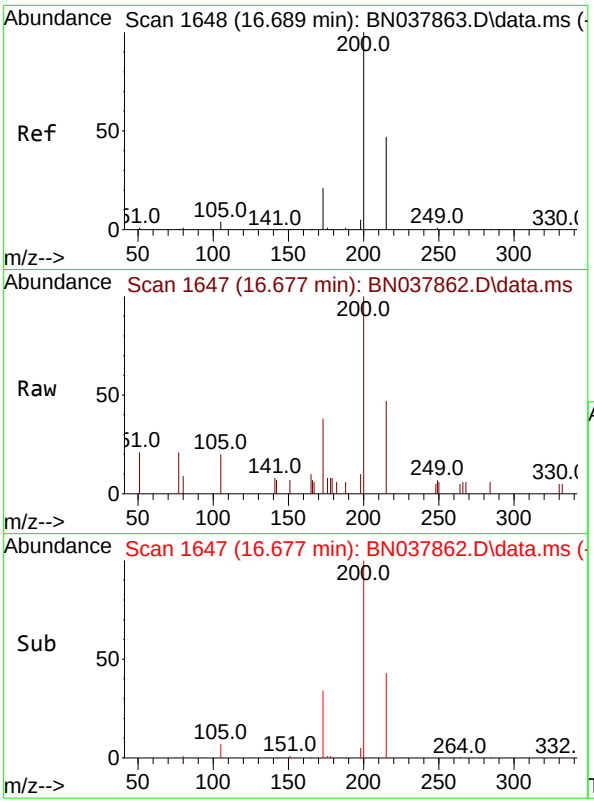


#22
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.540 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:284 Resp: 2483

Ion	Ratio	Lower	Upper
284	100		
142	39.2	30.9	46.3
249	30.3	23.9	35.9



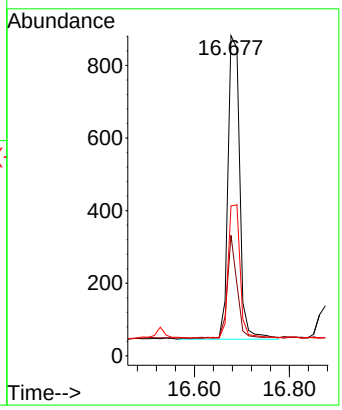


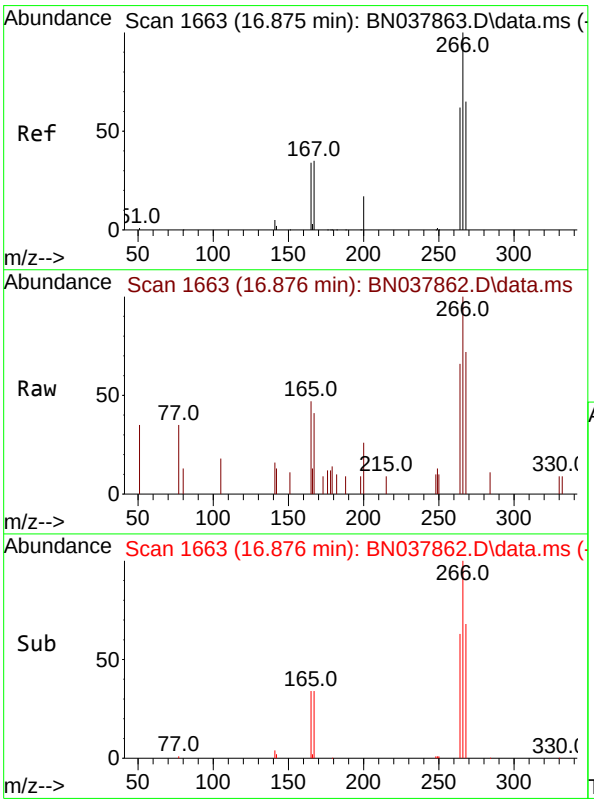
#23
Atrazine
Concen: 0.183 ng
RT: 16.677 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1442

Ion	Ratio	Lower	Upper
200	100		
173	37.6	18.3	27.5#
215	46.8	38.6	58.0

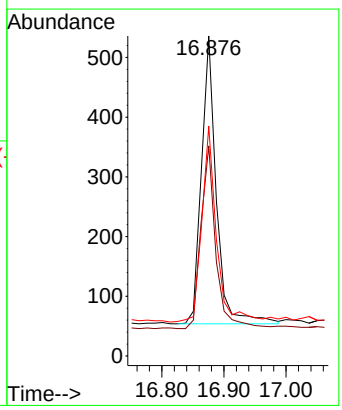


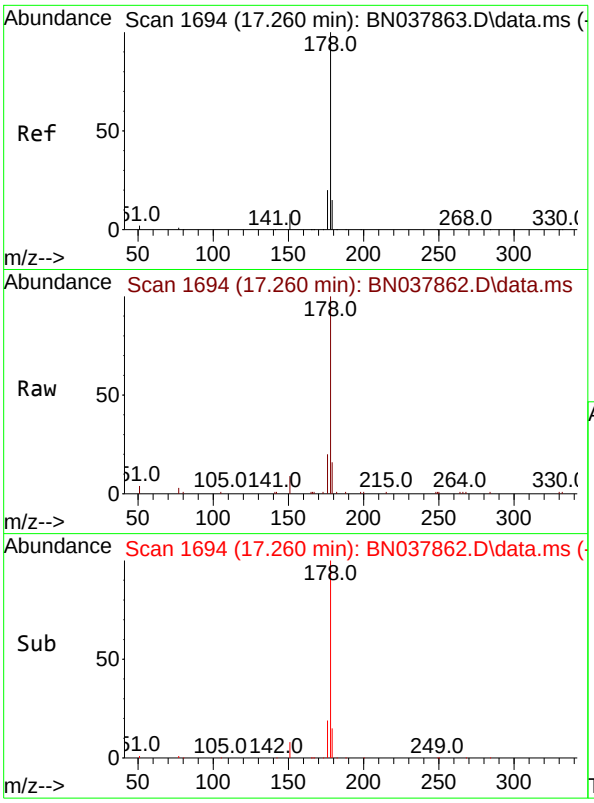


#24
Pentachlorophenol
Concen: 0.186 ng
RT: 16.876 min Scan# 1663
Delta R.T. 0.001 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:266 Resp: 804

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.9	76.3
268	66.4	54.3	81.5



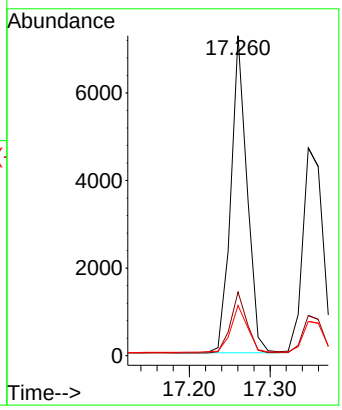


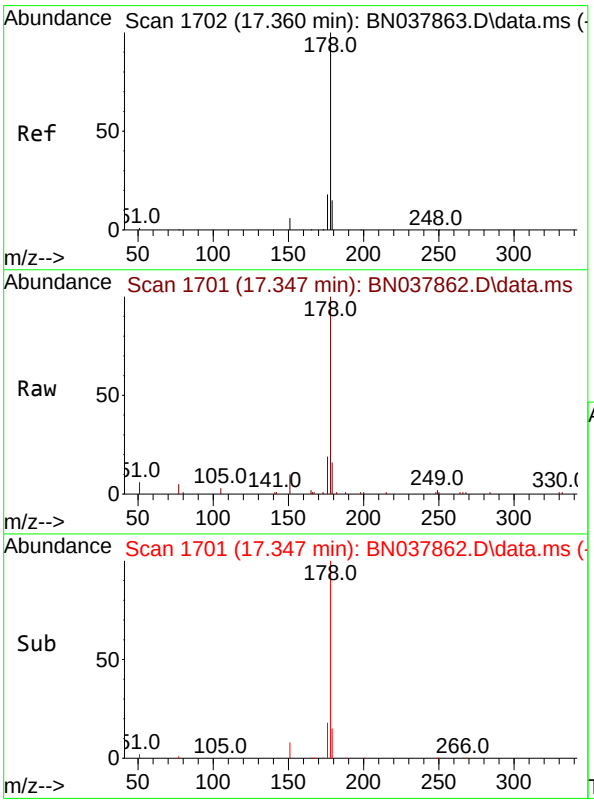
#25
Phenanthrene
Concen: 0.193 ng
RT: 17.260 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 10109

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.6	12.3	18.5

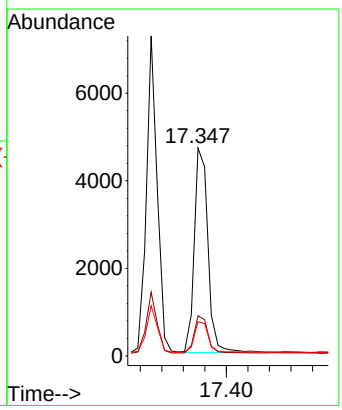


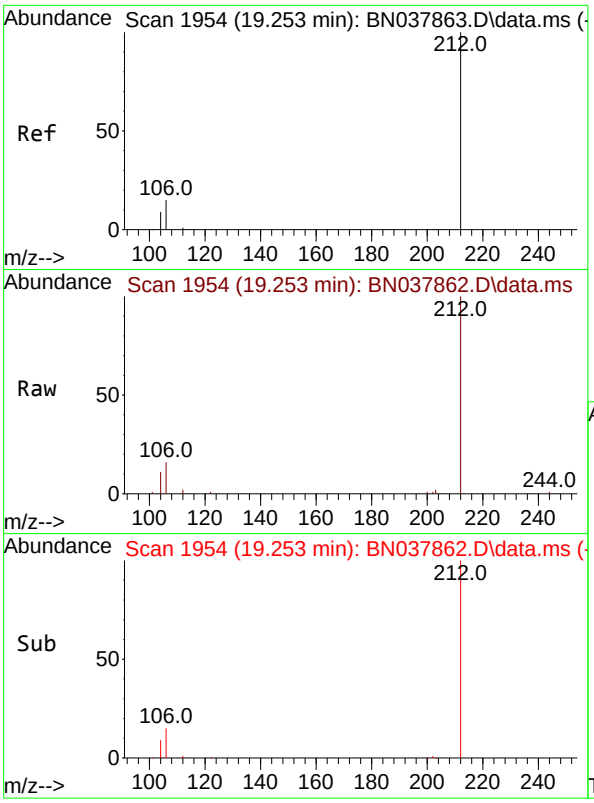


#26
Anthracene
Concen: 0.181 ng
RT: 17.347 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:178 Resp: 8235

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.7	12.3	18.5



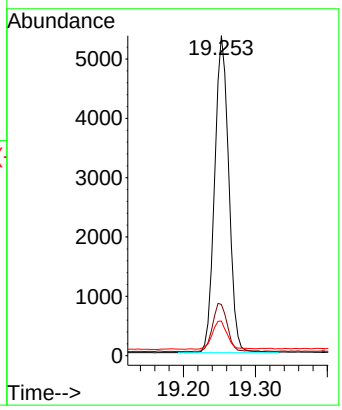


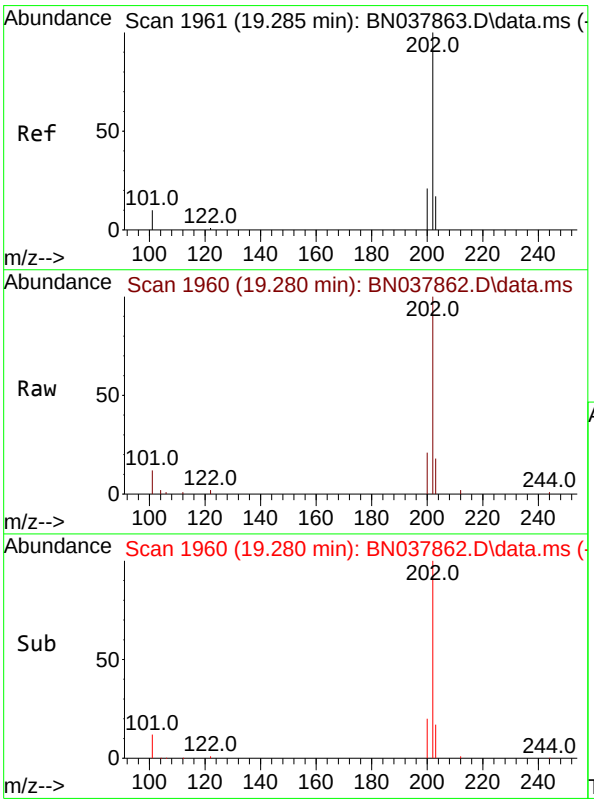
#27
Fluoranthene-d10
Concen: 0.182 ng
RT: 19.253 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7304

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.6	19.0
104	9.3	7.4	11.0

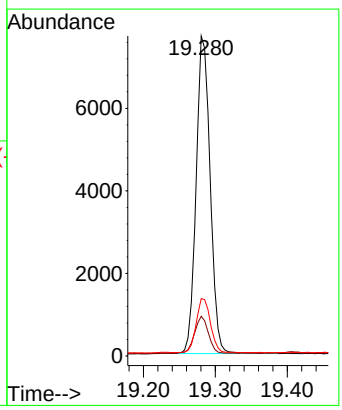


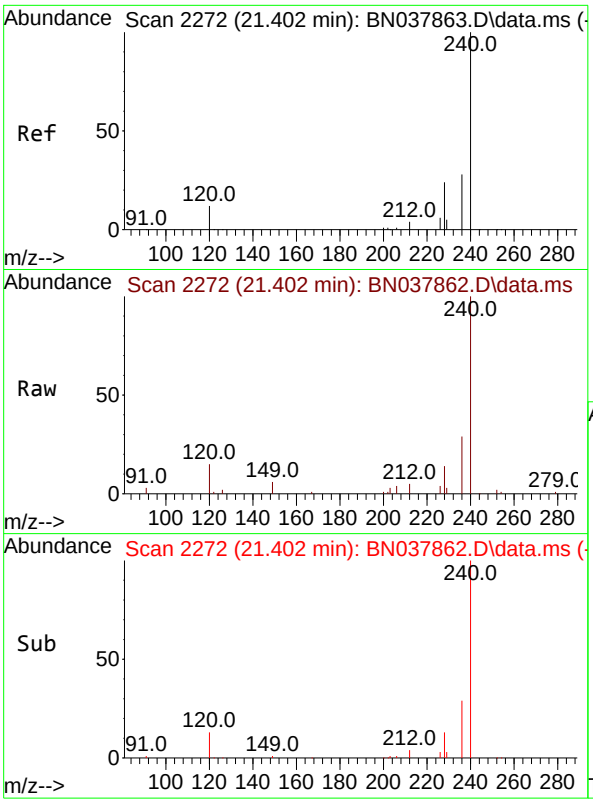


#28
Fluoranthene
Concen: 0.181 ng
RT: 19.280 min Scan# 1960
Delta R.T. -0.005 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:202 Resp: 10466

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.3	13.9
203	17.2	13.6	20.4



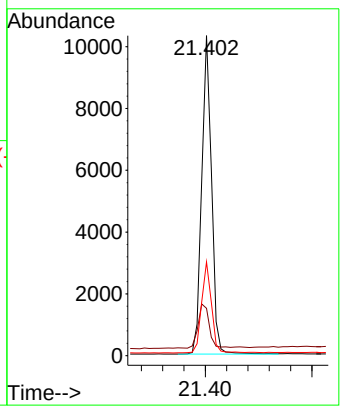


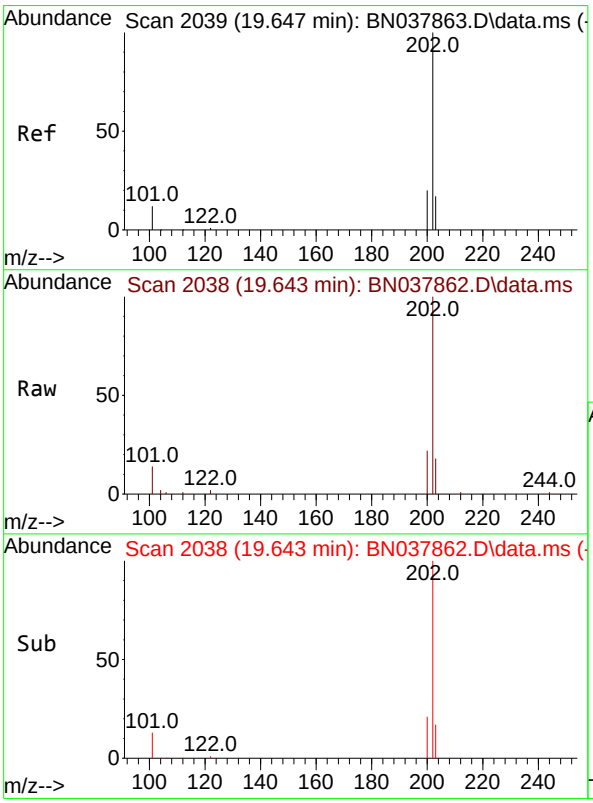
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 13158

Ion	Ratio	Lower	Upper
240	100		
120	14.8	11.4	17.2
236	29.3	23.0	34.6

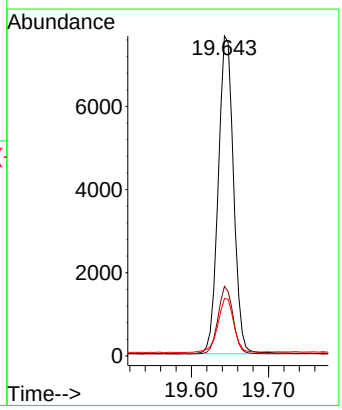


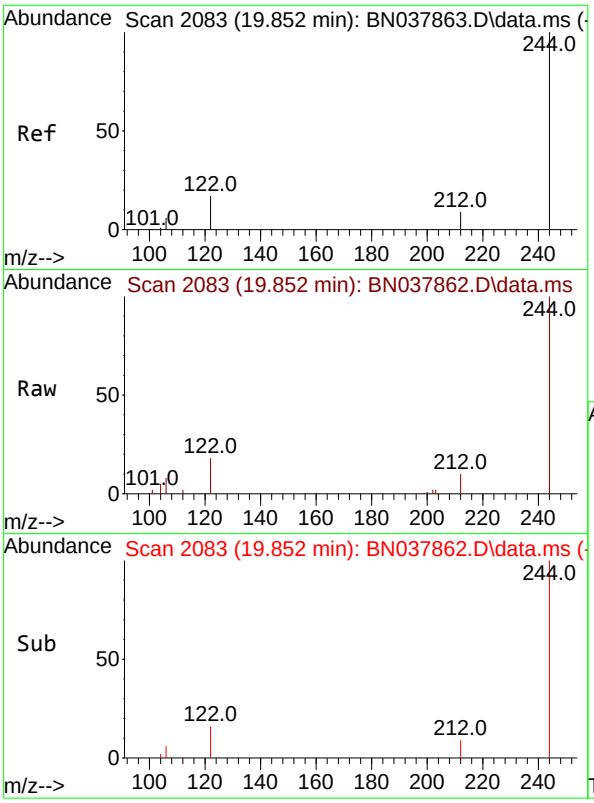


#30
Pyrene
Concen: 0.203 ng
RT: 19.643 min Scan# 2038
Delta R.T. -0.005 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:202 Resp: 10528

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.9	14.2	21.4



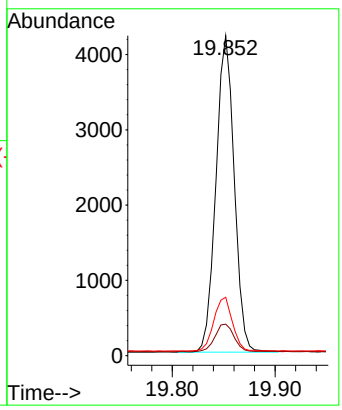


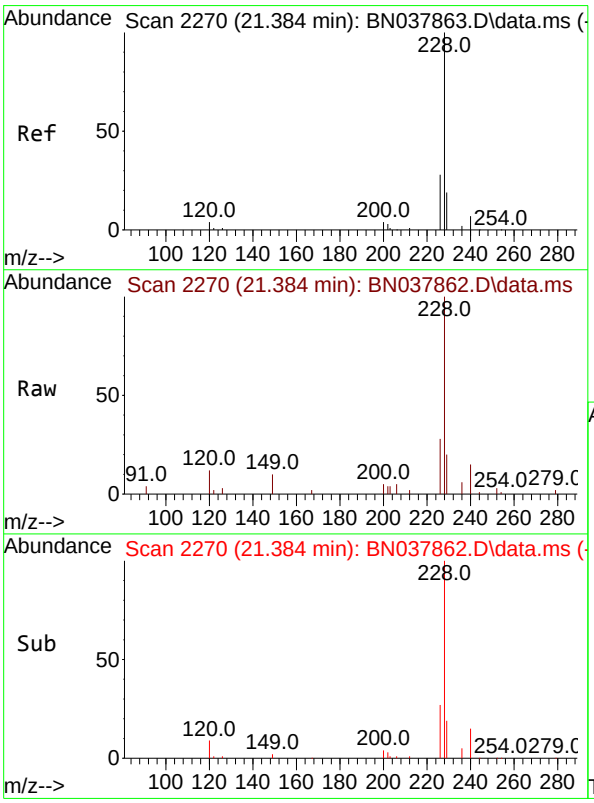
#31
Terphenyl-d14
Concen: 0.198 ng
RT: 19.852 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5201

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.6	11.4
122	18.2	13.9	20.9

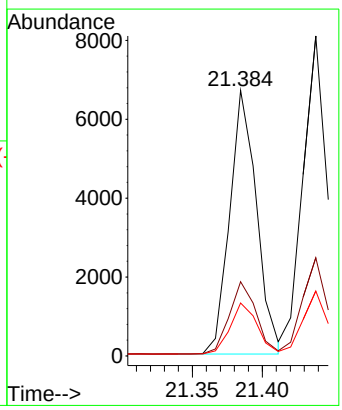


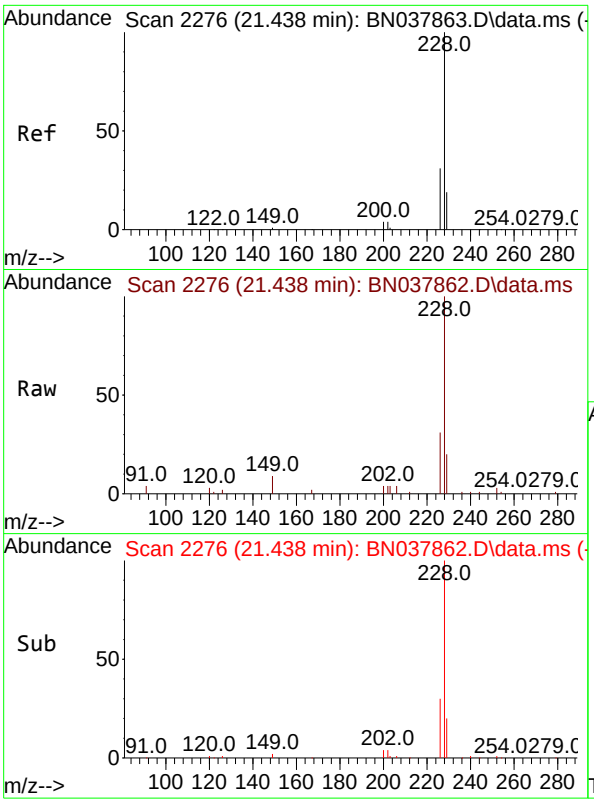


#32
Benzo(a)anthracene
Concen: 0.194 ng
RT: 21.384 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:228 Resp: 8943

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	15.6	23.4



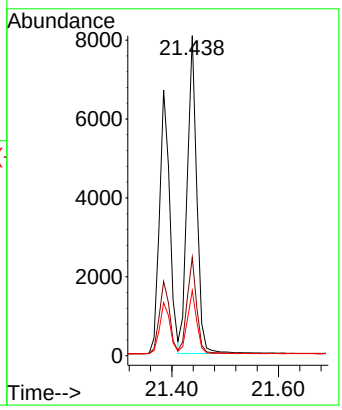


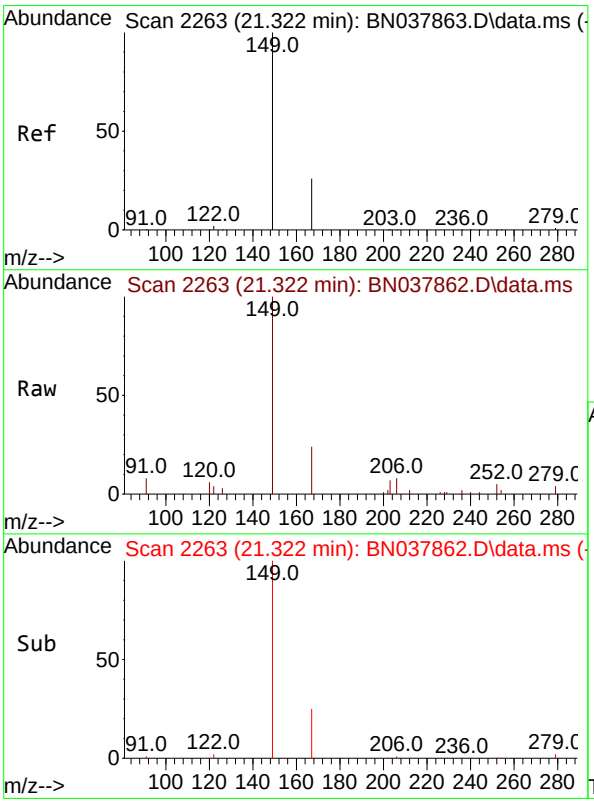
#33
Chrysene
Concen: 0.202 ng
RT: 21.438 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10042

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.3	15.6	23.4

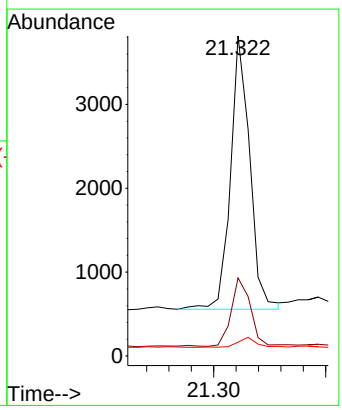


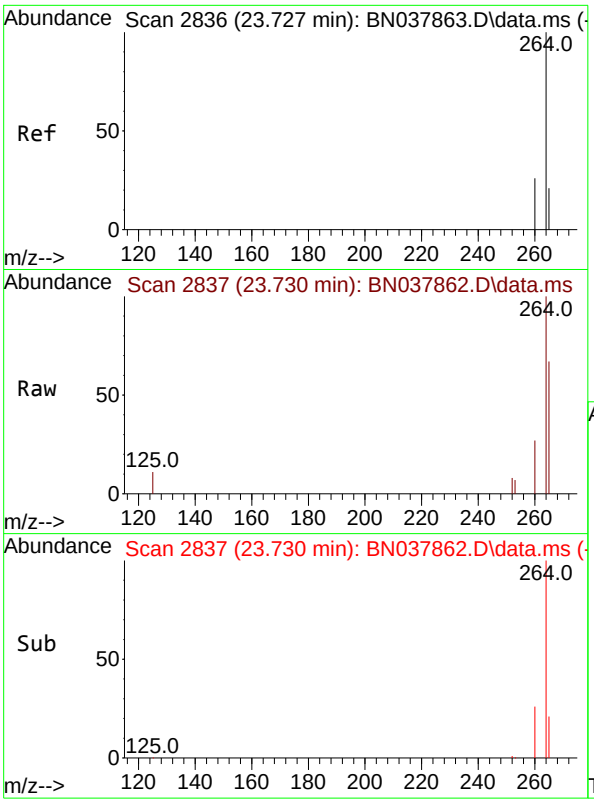


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.214 ng
RT: 21.322 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:149 Resp: 3892

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



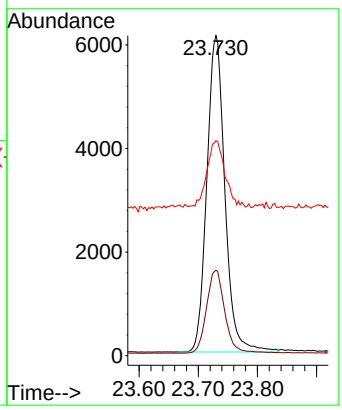


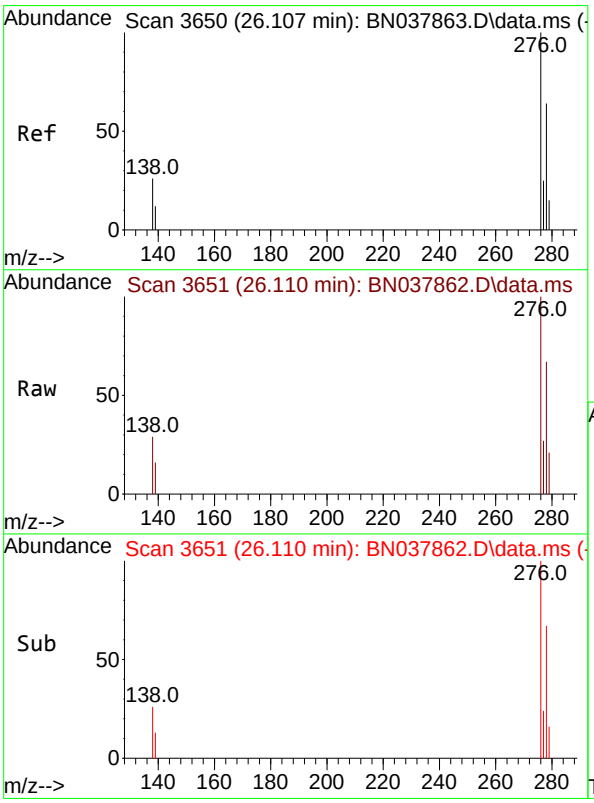
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 12974

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.5	32.3
265	67.2	53.8	80.6

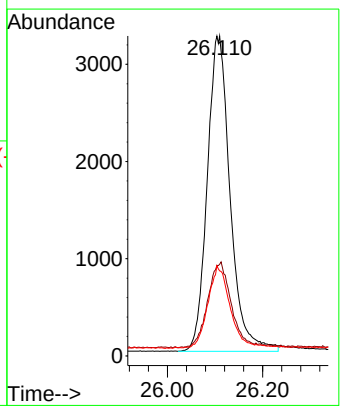


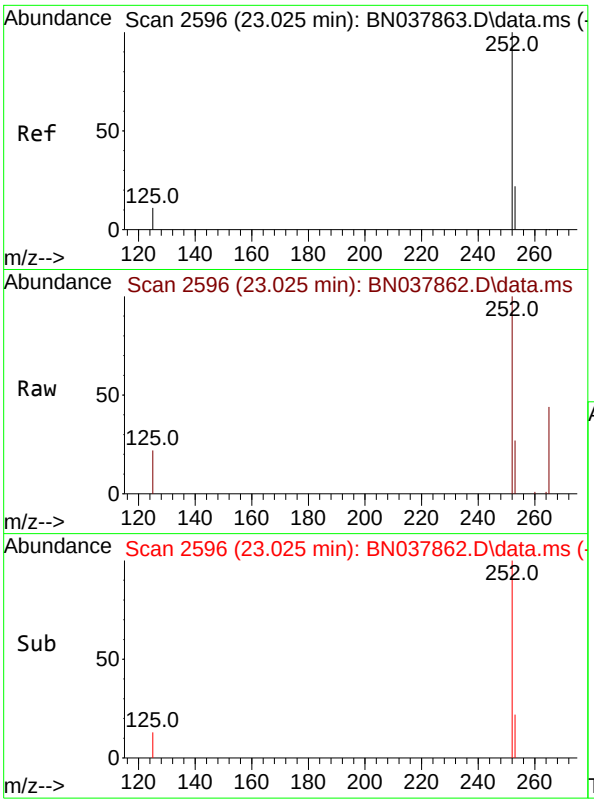


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.183 ng
RT: 26.110 min Scan# 3651
Delta R.T. 0.003 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:276 Resp: 10845

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.4	32.0
277	25.3	20.3	30.5



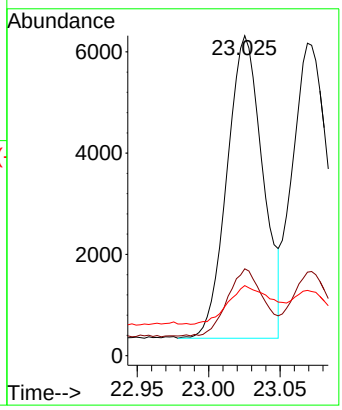


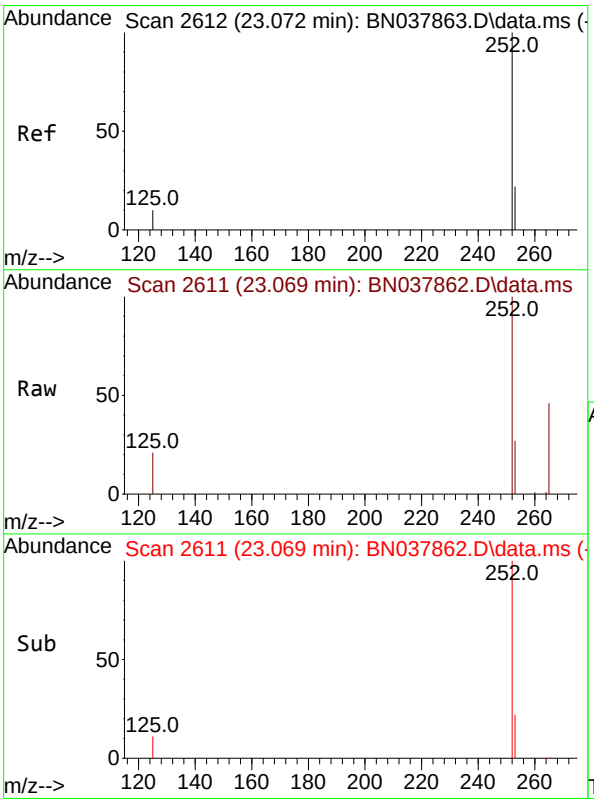
#37
Benzo(b)fluoranthene
Concen: 0.186 ng
RT: 23.025 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10420

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.4	29.0
125	21.9	13.0	19.4#

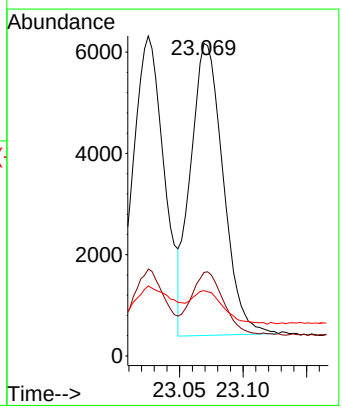


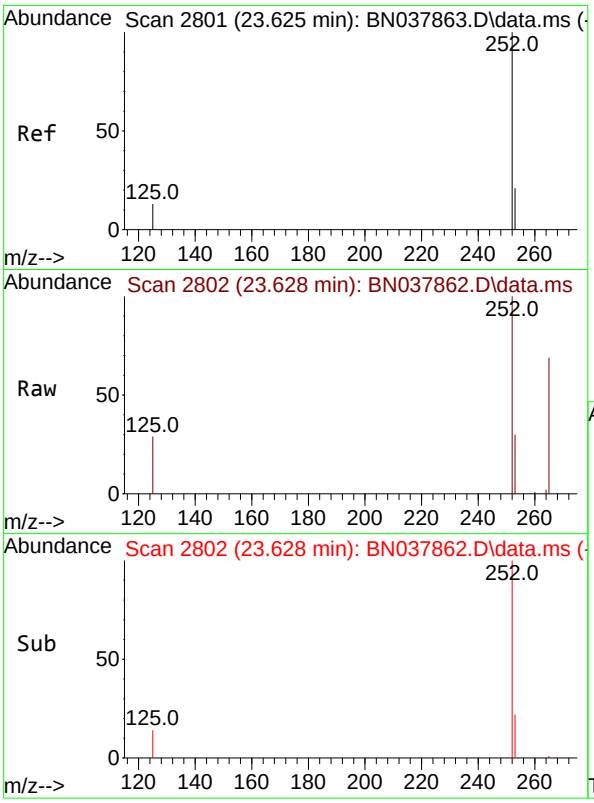


#38
Benzo(k)fluoranthene
Concen: 0.183 ng
RT: 23.069 min Scan# 2611
Delta R.T. -0.003 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:252 Resp: 10290

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.5	29.3
125	20.9	13.0	19.4#



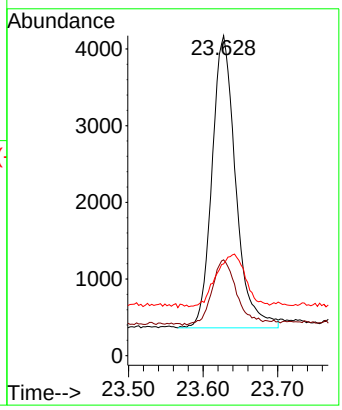


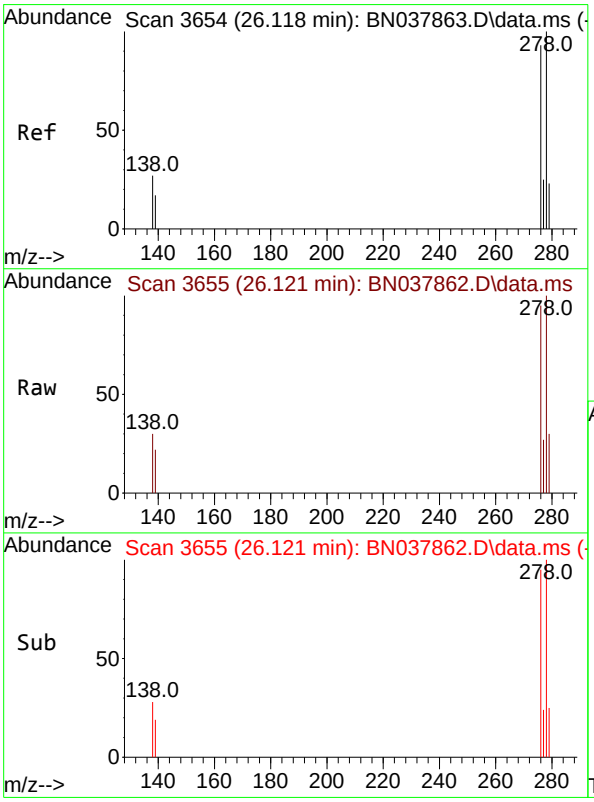
#39
Benzo(a)pyrene
Concen: 0.190 ng
RT: 23.628 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8405

Ion	Ratio	Lower	Upper
252	100		
253	29.9	20.6	30.8
125	28.7	16.7	25.1#

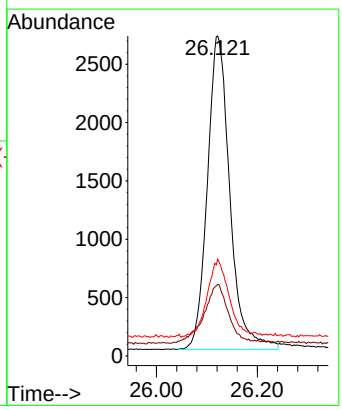


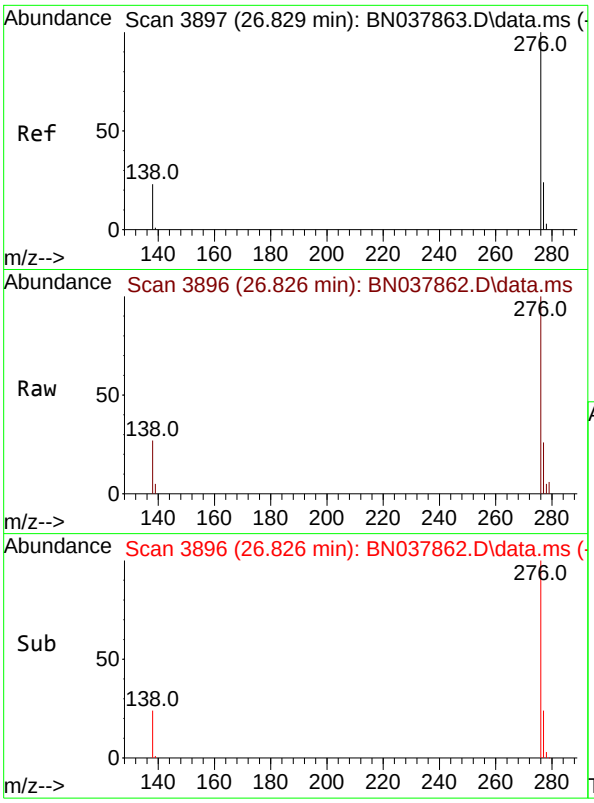


#40
Dibenzo(a,h)anthracene
Concen: 0.180 ng
RT: 26.121 min Scan# 3655
Delta R.T. 0.003 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Tgt Ion:278 Resp: 8321

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.4	23.2
279	30.3	20.8	31.2





#41
Benzo(g,h,i)perylene
Concen: 0.184 ng
RT: 26.826 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN037862.D
Acq: 23 Sep 2025 12:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8956

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.2	30.4
138	26.7	19.8	29.8