Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037830.D
Acq On : 20 Sep 2025 00:39
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 20 01:04:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4763	0.400	ng		-0.01
7) Naphthalene-d8	10.637	136	12882	0.400	ng		#-0.01
13) Acenaphthene-d10	14.484	164	5757	0.400	ng		-0.01
19) Phenanthrene-d10	17.223	188	9339	0.400	ng		-0.01
29) Chrysene-d12	21.402	240	8425	0.400	ng		#-0.02
35) Perylene-d12	23.733	264	8348	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	3952	0.361	ng		0.00
5) Phenol-d6	6.981	99	5181	0.365	ng		0.00
8) Nitrobenzene-d5	8.982	82	3636	0.386	ng		-0.01
11) 2-Methylnaphthalene-d10	12.228	152	6061	0.355	ng		-0.02
14) 2,4,6-Tribromophenol	15.969	330	607	0.404	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	9332	0.388	ng		-0.01
27) Fluoranthene-d10	19.257	212	9064	0.387	ng		-0.01
31) Terphenyl-d14	19.857	244	6240	0.365	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	1880	0.379	ng		98
3) n-Nitrosodimethylamine	3.601	42	2585	0.399	ng		97
6) bis(2-Chloroethyl)ether	7.241	93	4760	0.376	ng		98
9) Naphthalene	10.680	128	13409	0.381	ng		100
10) Hexachlorobutadiene	10.979	225	2479	0.389	ng	#	100
12) 2-Methylnaphthalene	12.299	142	8063	0.370	ng		99
16) Acenaphthylene	14.195	152	9766	0.370	ng		99
17) Acenaphthene	14.548	154	6828	0.382	ng		98
18) Fluorene	15.523	166	7620	0.352	ng		99
20) 4,6-Dinitro-2-methylph...	15.597	198	257	0.297	ng	#	79
21) 4-Bromophenyl-phenylether	16.429	248	2332	0.383	ng		98
22) Hexachlorobenzene	16.540	284	2969	0.424	ng		99
23) Atrazine	16.689	200	1399	0.361	ng		96
24) Pentachlorophenol	16.876	266	830	0.408	ng		95
25) Phenanthrene	17.273	178	11247	0.383	ng		99
26) Anthracene	17.360	178	9601	0.369	ng		99
28) Fluoranthene	19.290	202	12968	0.402	ng		100
30) Pyrene	19.647	202	12812	0.388	ng		100
32) Benzo(a)anthracene	21.384	228	10867	0.370	ng		98
33) Chrysene	21.438	228	12584	0.399	ng		98
34) Bis(2-ethylhexyl)phtha...	21.331	149	3605	0.414	ng		99
36) Indeno(1,2,3-cd)pyrene	26.110	276	14316	0.408	ng		99
37) Benzo(b)fluoranthene	23.031	252	13207	0.402	ng	#	94
38) Benzo(k)fluoranthene	23.075	252	13139	0.392	ng	#	95
39) Benzo(a)pyrene	23.630	252	10193	0.387	ng	#	92
40) Dibenzo(a,h)anthracene	26.133	278	11121	0.397	ng		99
41) Benzo(g,h,i)perylene	26.835	276	12456	0.396	ng		99

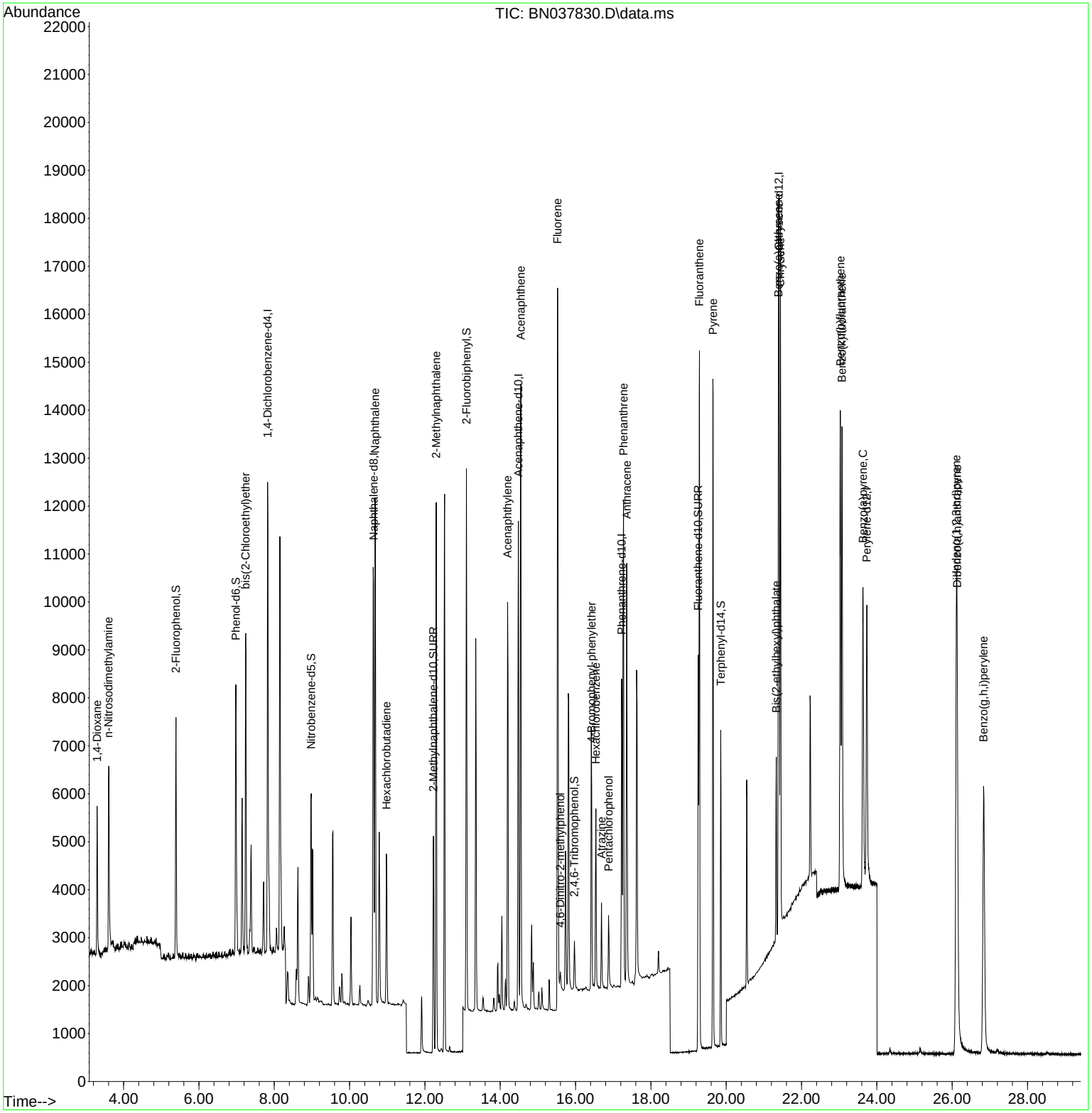
(#) = qualifier out of range (m) = manual integration (+) = signals summed

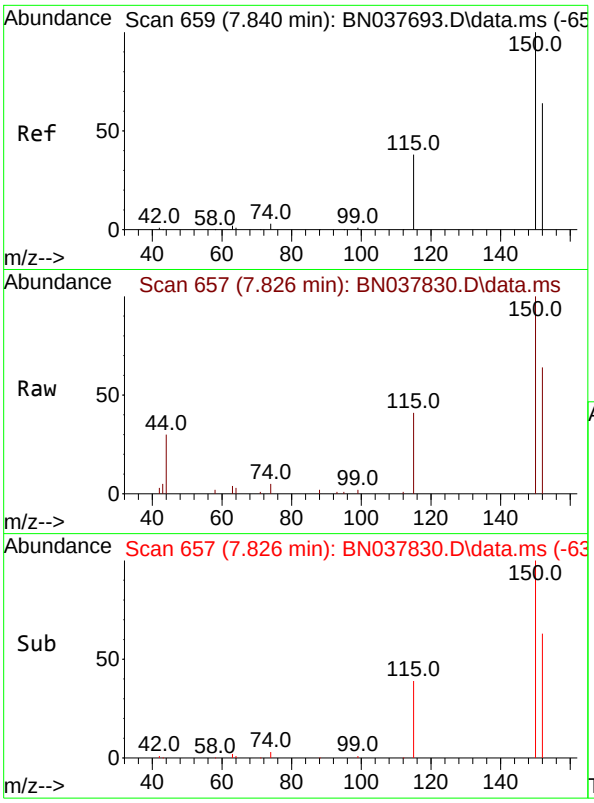
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037830.D
Acq On : 20 Sep 2025 00:39
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 20 01:04:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



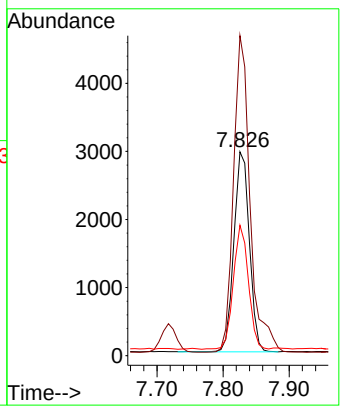


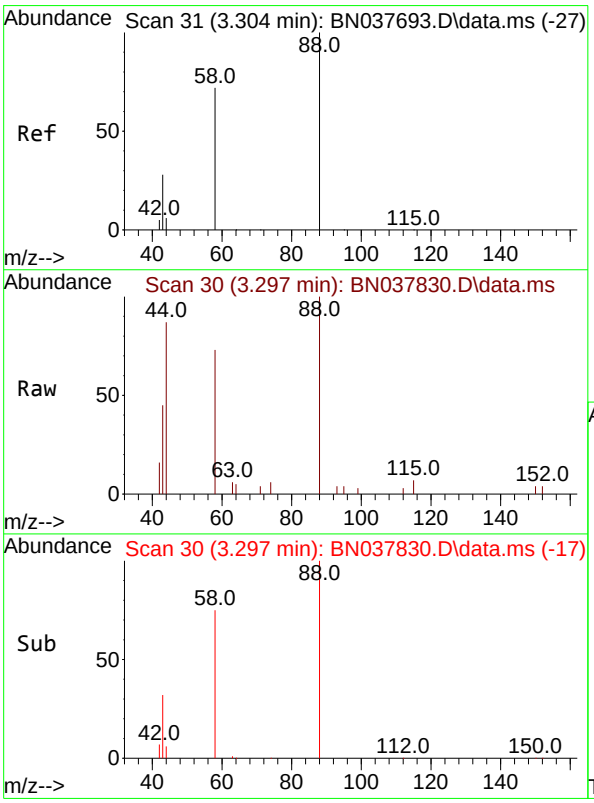
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4763

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.5	186.7
115	64.0	49.2	73.8

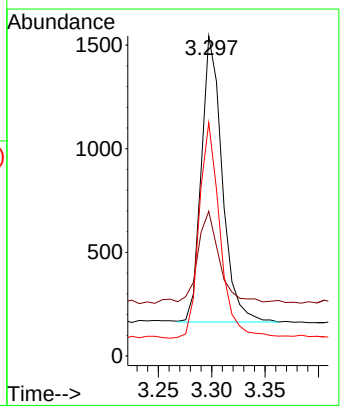


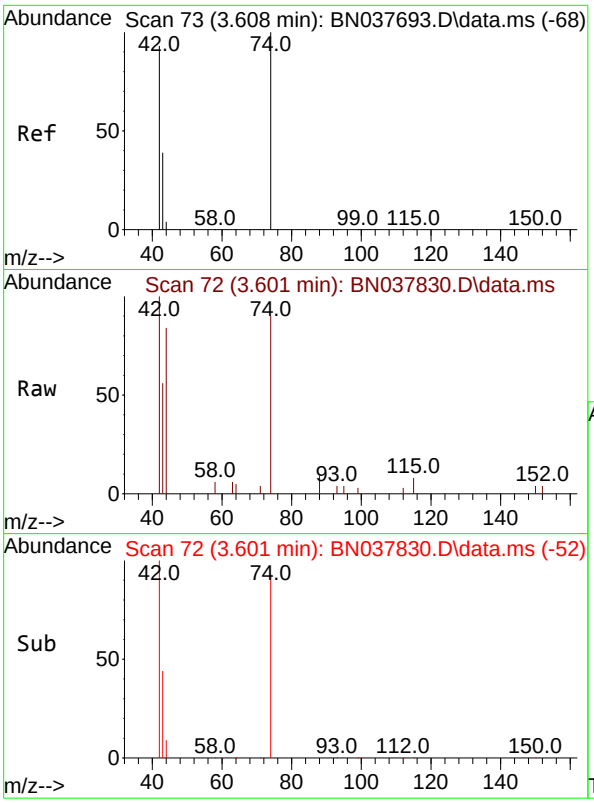


#2
1,4-Dioxane
Concen: 0.379 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion: 88 Resp: 1880

Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.8	40.2
58	75.7	61.9	92.9



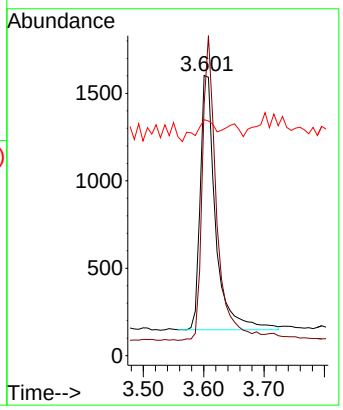


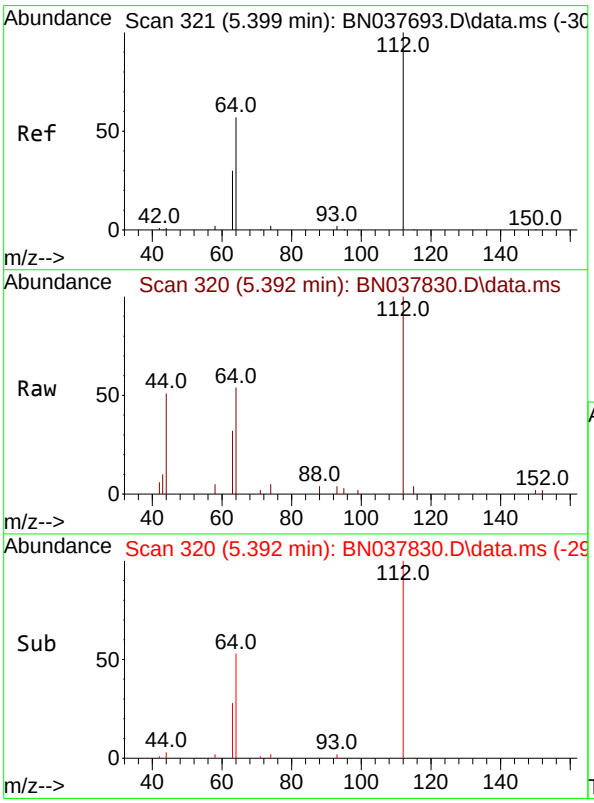
#3
n-Nitrosodimethylamine
Concen: 0.399 ng
RT: 3.601 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2585

Ion	Ratio	Lower	Upper
42	100		
74	110.6	86.0	129.0
44	10.4	8.4	12.6

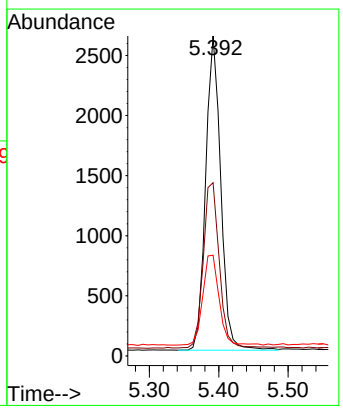


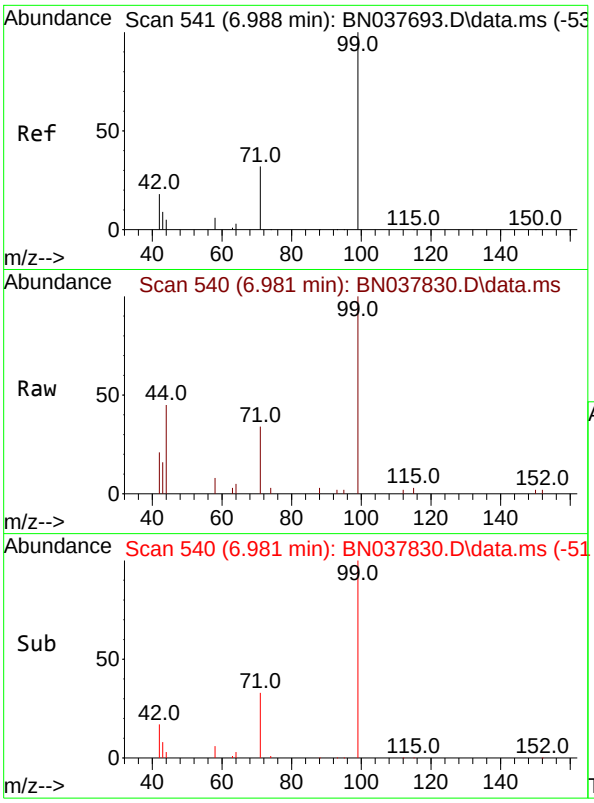


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:112 Resp: 3952

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.9	67.3
63	30.9	24.7	37.1



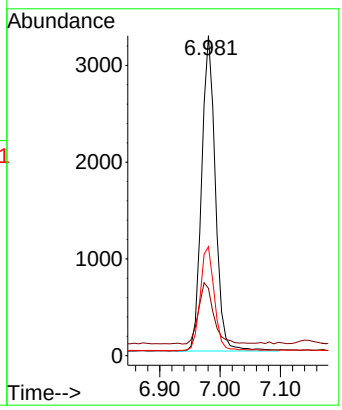


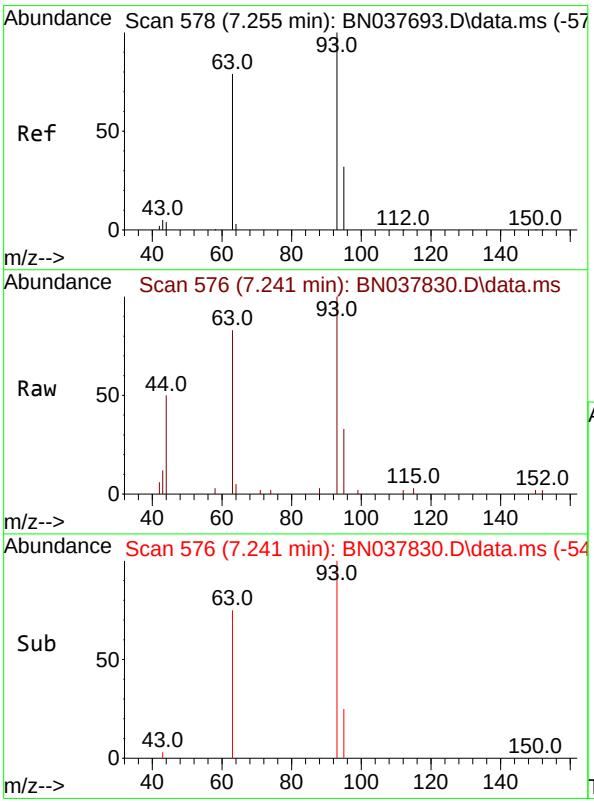
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.981 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5181

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	24.8
71	34.1	26.7	40.1

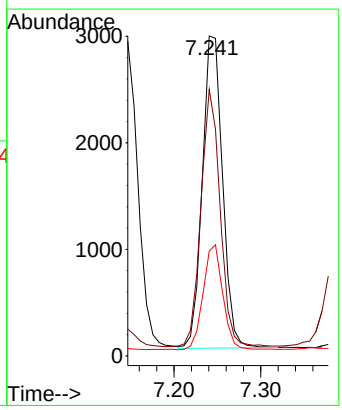


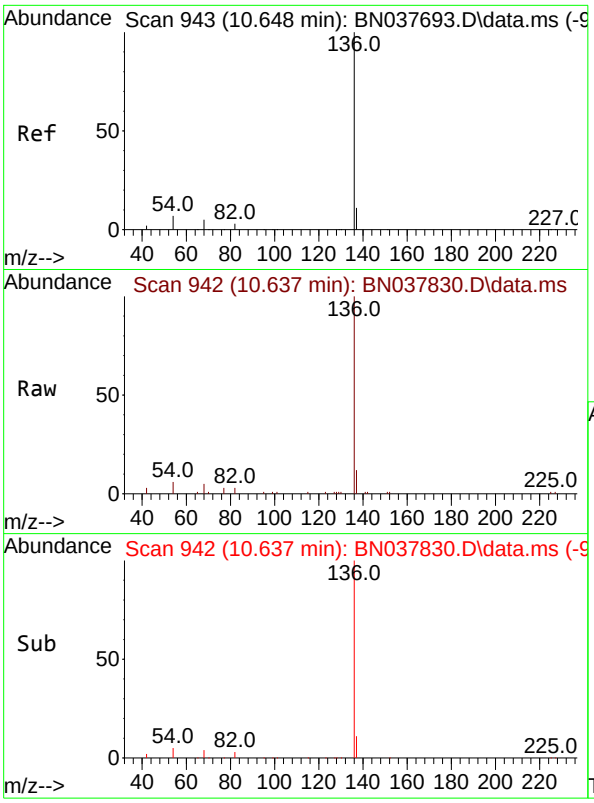


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 7.241 min Scan# 576
Delta R.T. -0.014 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion: 93 Resp: 4760

Ion	Ratio	Lower	Upper
93	100		
63	78.1	60.6	90.8
95	32.8	26.0	39.0



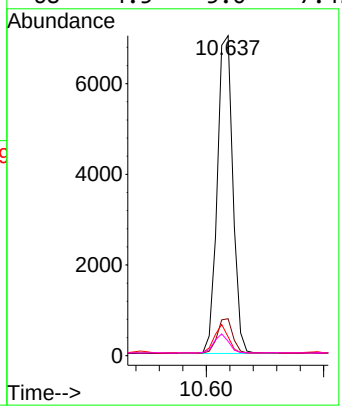


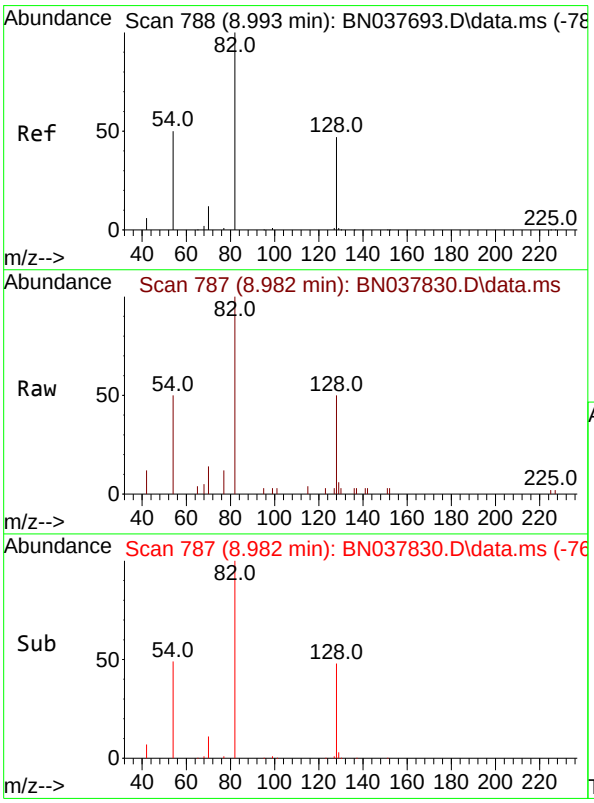
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12882

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	5.9	6.3	9.5#
68	4.5	5.0	7.4#

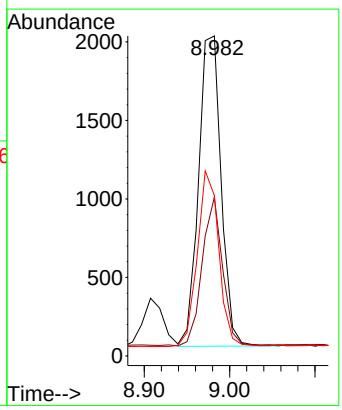


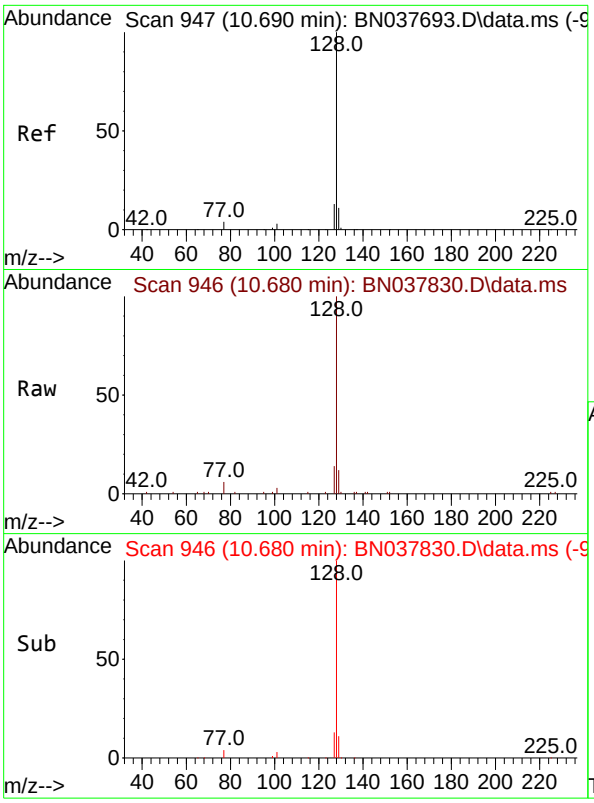


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion: 82 Resp: 3636

Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.3	57.5
54	50.1	41.4	62.2



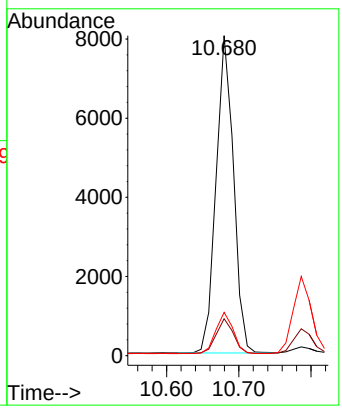


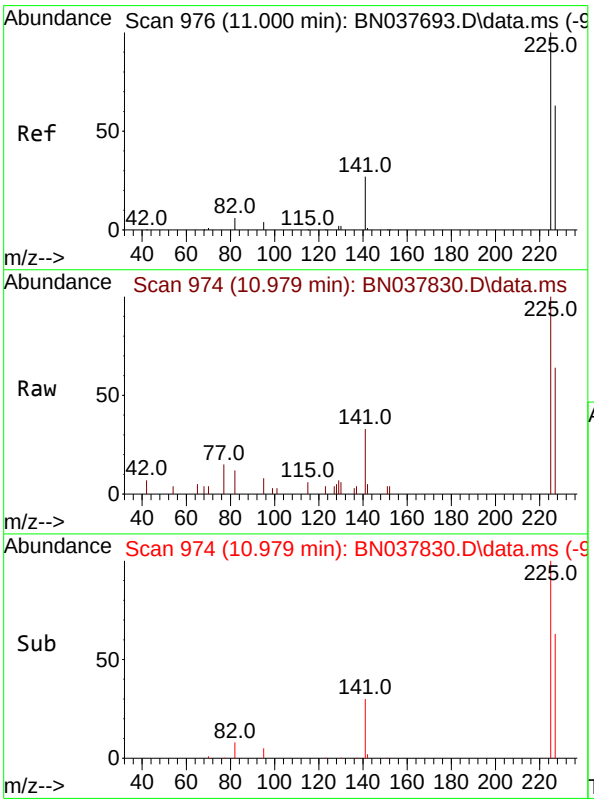
#9
Naphthalene
Concen: 0.381 ng
RT: 10.680 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13409

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.5	10.9	16.3

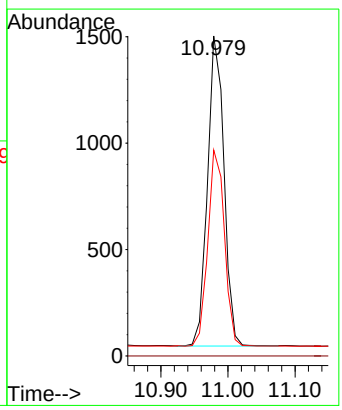


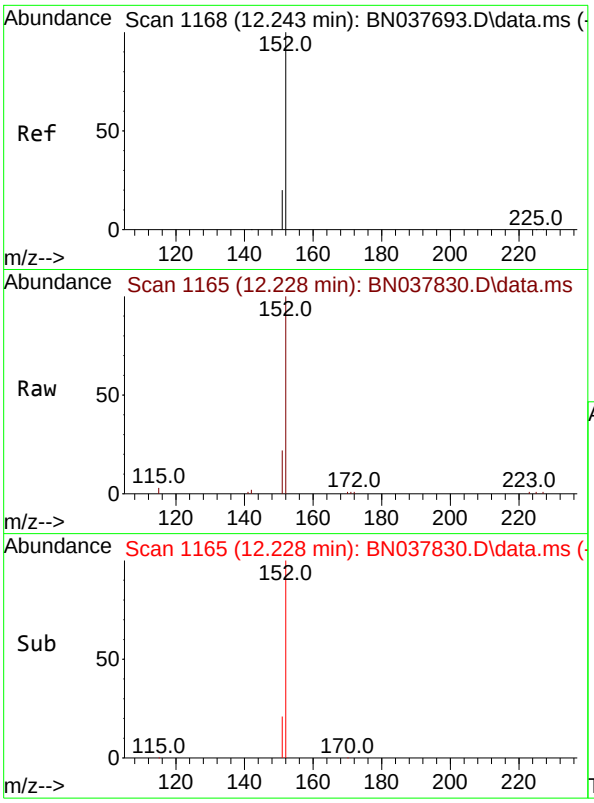


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.979 min Scan# 974
Delta R.T. -0.021 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:225 Resp: 2479

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.9	76.3



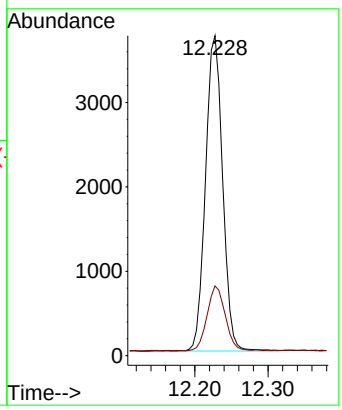


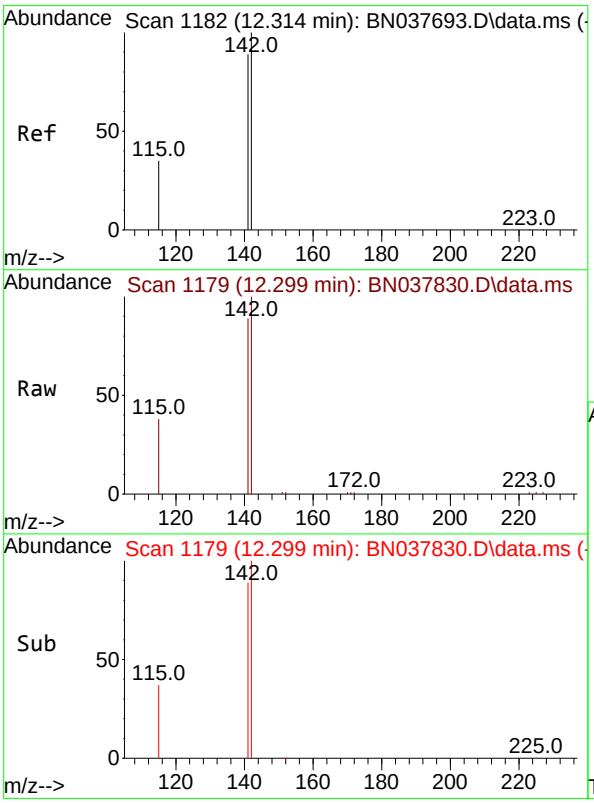
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.228 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6061

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6

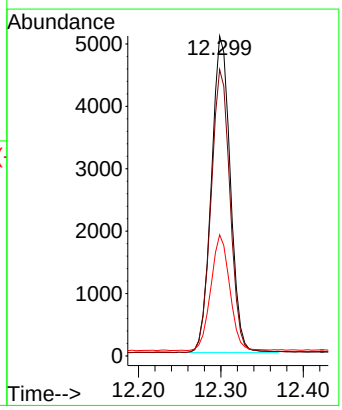


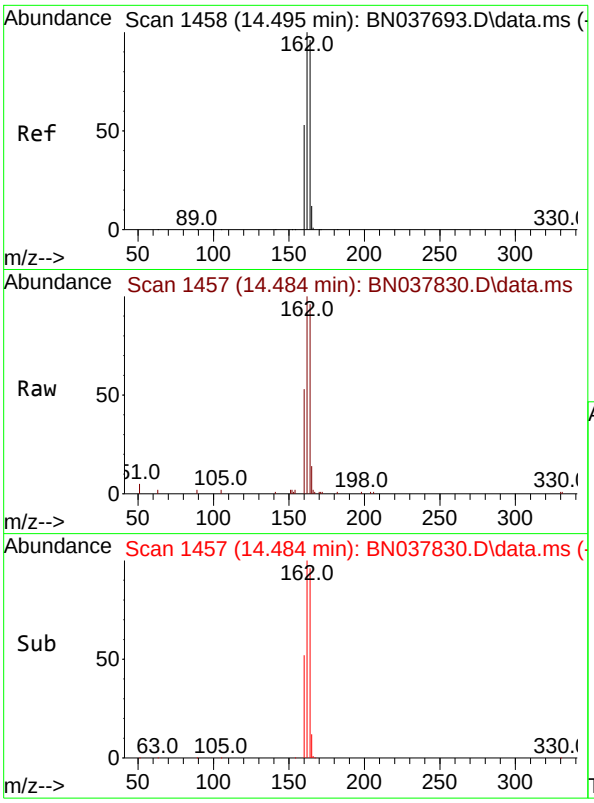


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.299 min Scan# 1179
Delta R.T. -0.015 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:142 Resp: 8063

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	37.9	28.6	43.0



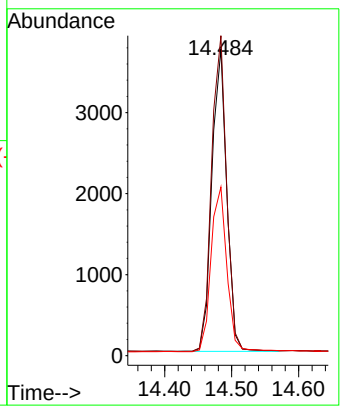


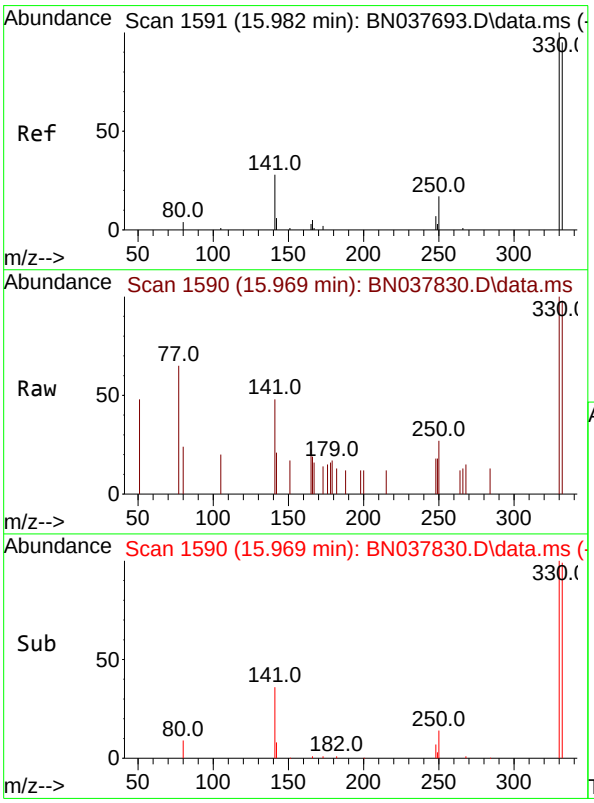
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5757

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.1	124.7
160	55.0	44.3	66.5

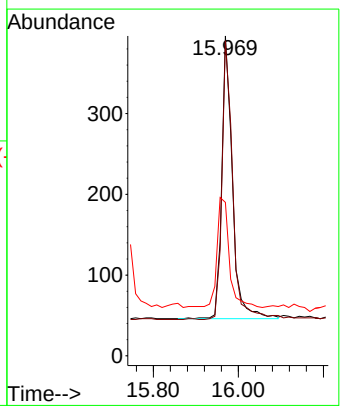


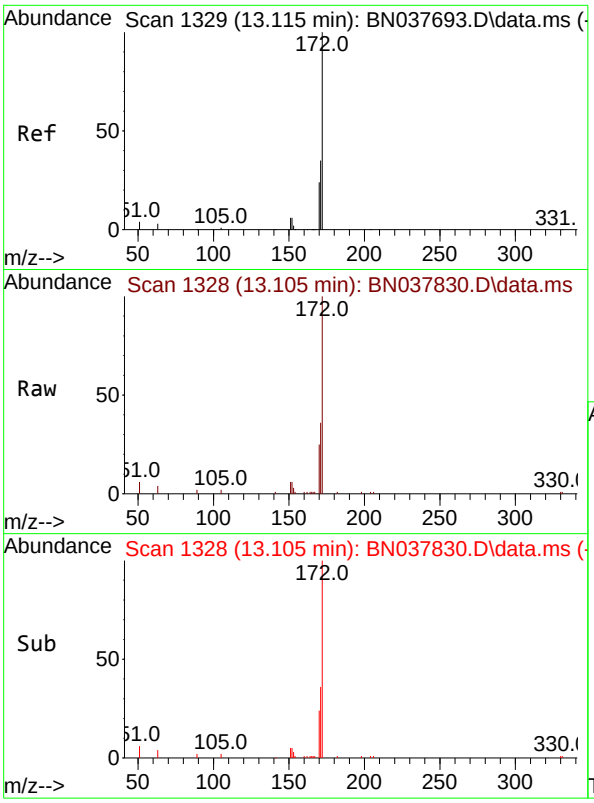


#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:330 Resp: 607

Ion	Ratio	Lower	Upper
330	100		
332	99.8	75.3	112.9
141	44.3	35.0	52.4



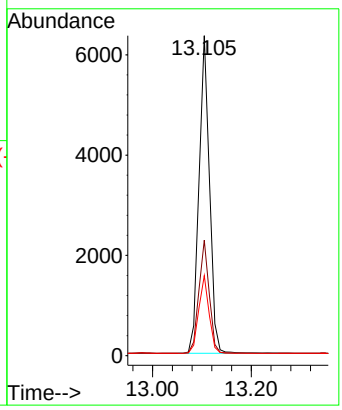


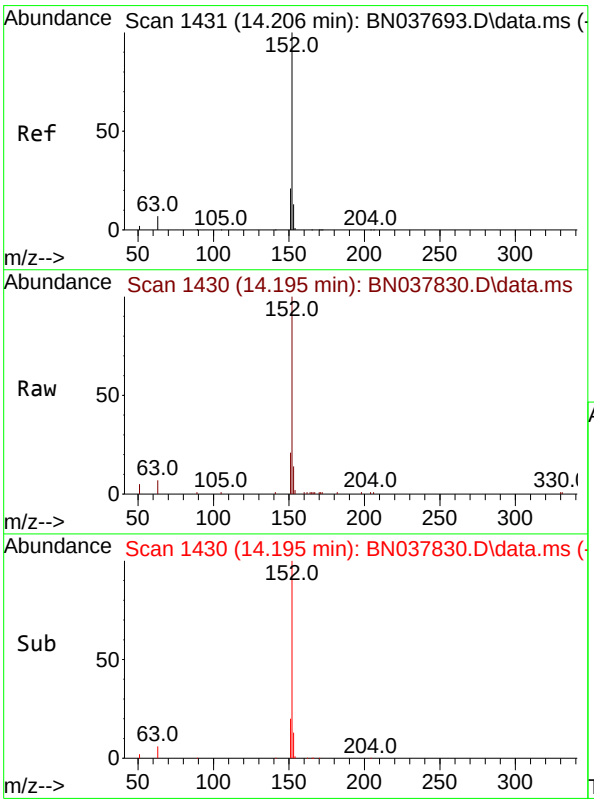
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9332

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	25.0	19.8	29.8

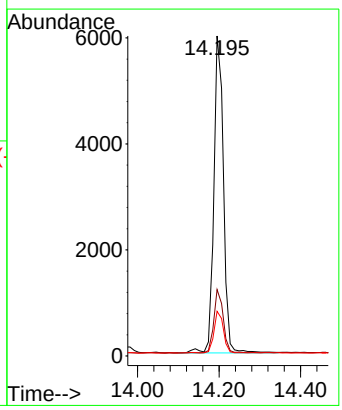


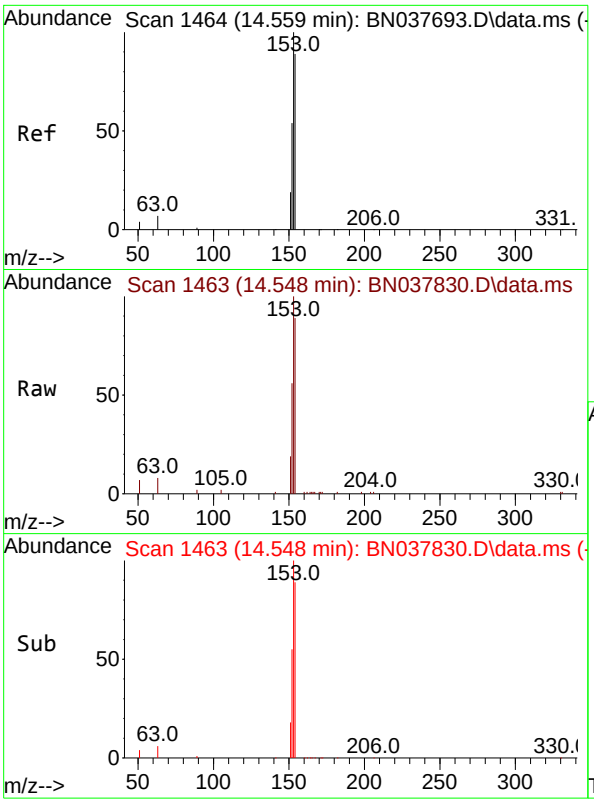


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.195 min Scan# 1430
Delta R.T. -0.011 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:152 Resp: 9766

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.2
153	12.8	10.4	15.6



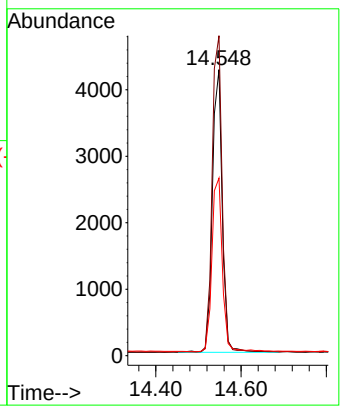


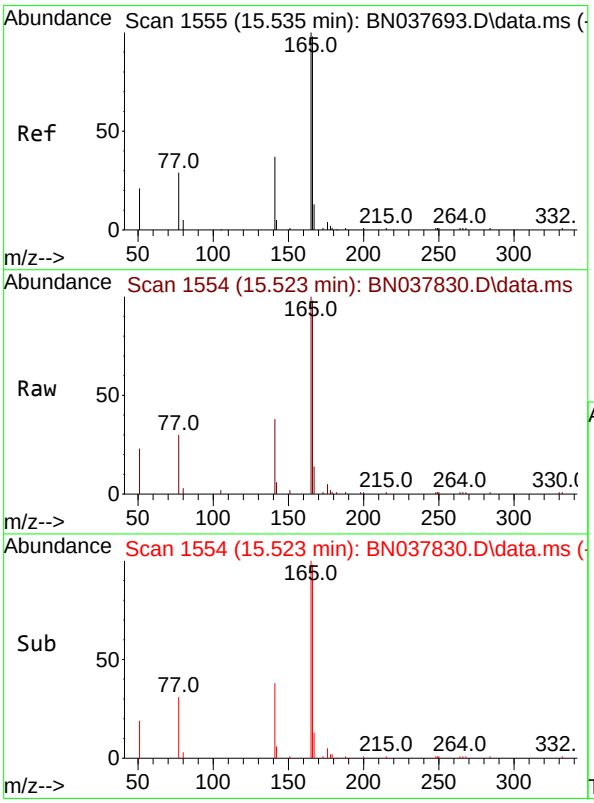
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.548 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 6828

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.8	134.8
152	65.3	50.2	75.2

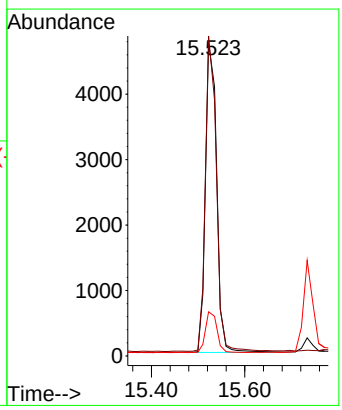


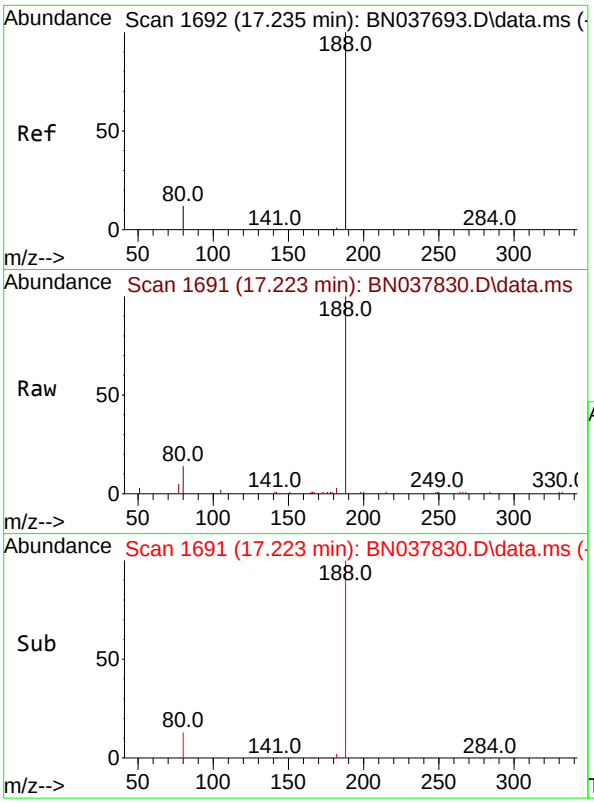


#18
Fluorene
Concen: 0.352 ng
RT: 15.523 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:166 Resp: 7620

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.6	119.4
167	13.4	10.6	16.0



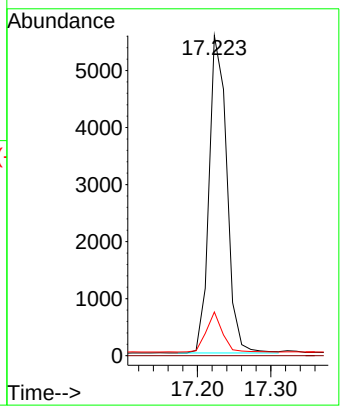


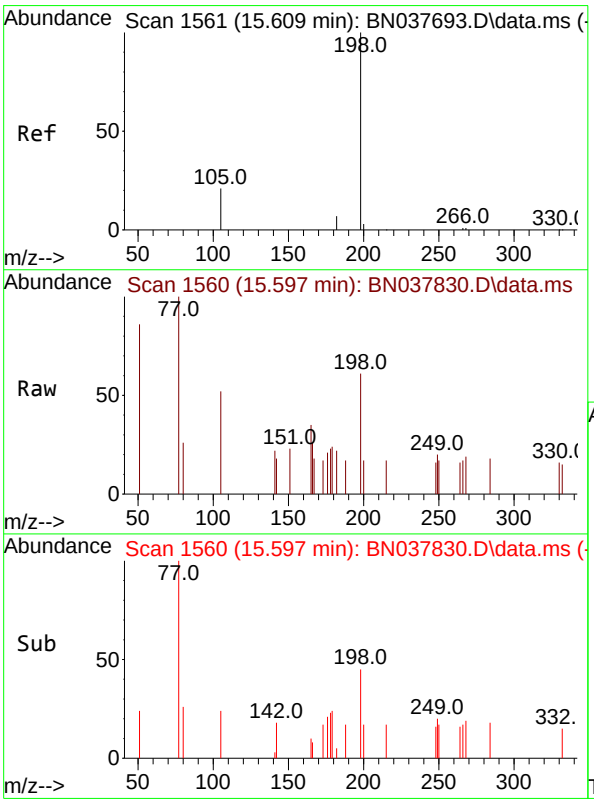
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 9339

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	10.6	15.8

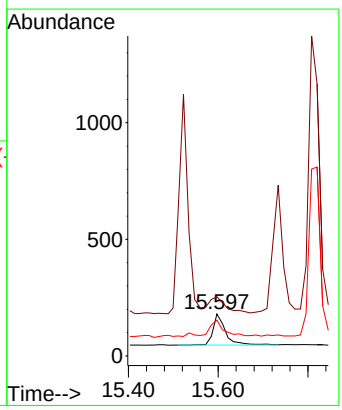


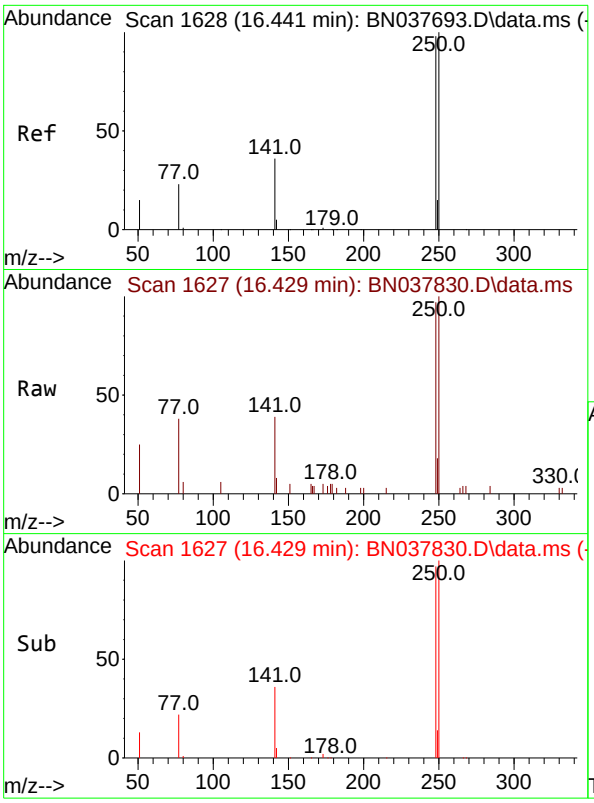


#20
4,6-Dinitro-2-methylphenol
Concen: 0.297 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:198 Resp: 257

Ion	Ratio	Lower	Upper
198	100		
51	141.1	95.1	142.7
105	85.6	53.8	80.6#



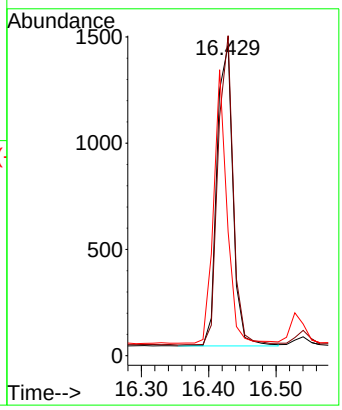


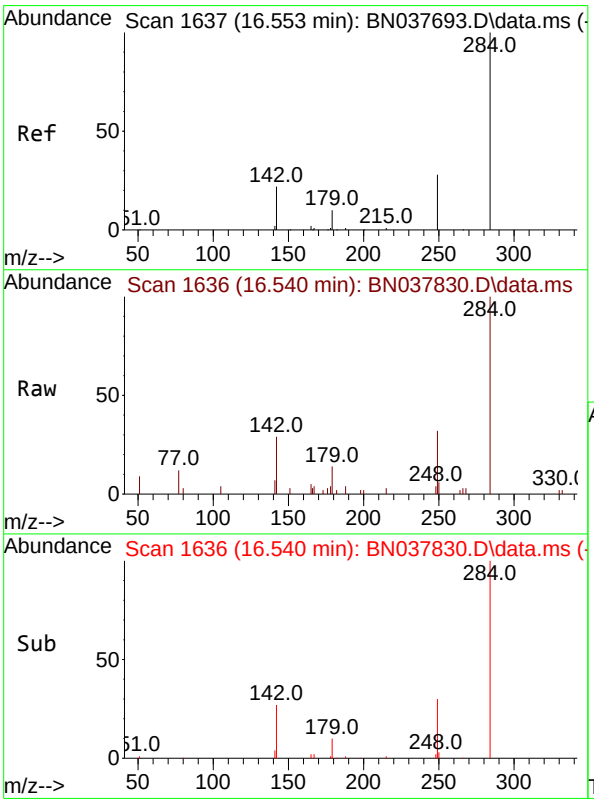
#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.429 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2332

Ion	Ratio	Lower	Upper
248	100		
250	103.2	81.5	122.3
141	40.0	30.8	46.2

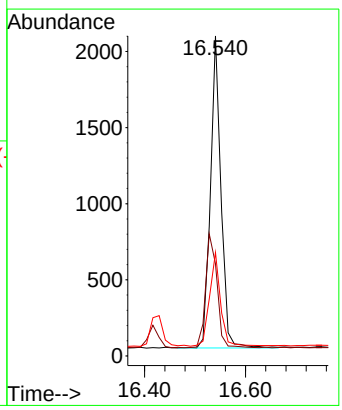


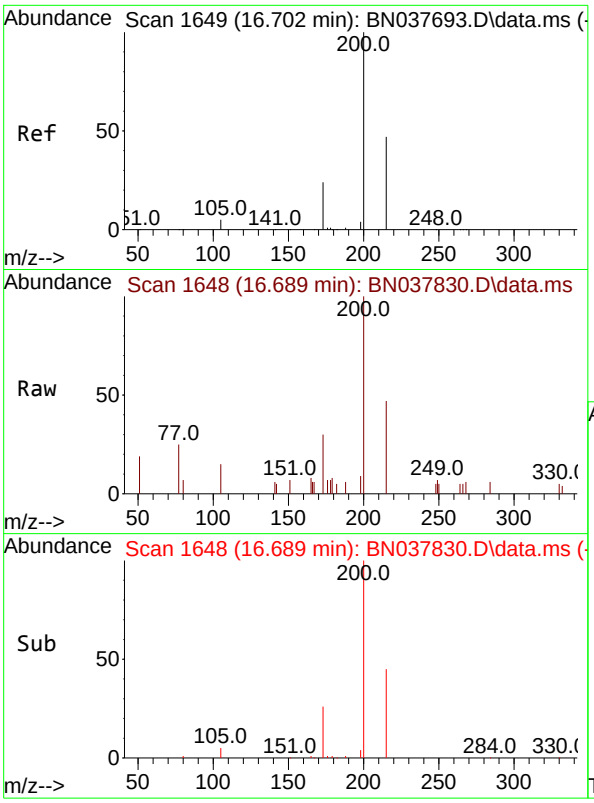


#22
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:284 Resp: 2969

Ion	Ratio	Lower	Upper
284	100		
142	39.6	30.9	46.3
249	31.5	24.8	37.2



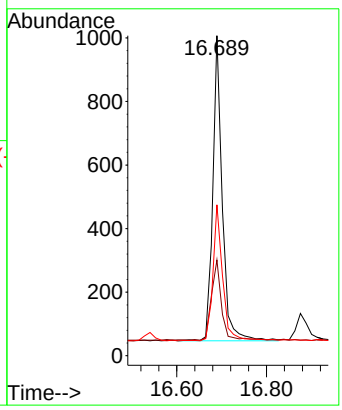


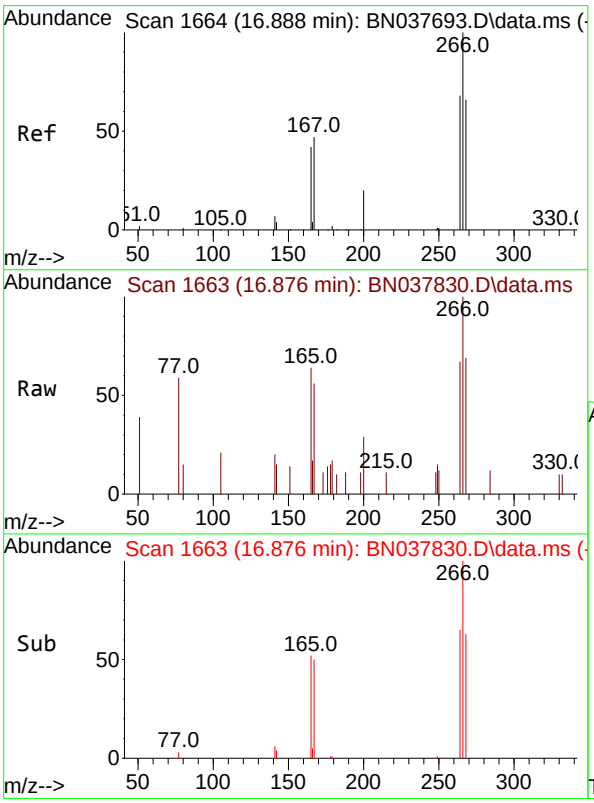
#23
Atrazine
Concen: 0.361 ng
RT: 16.689 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1399

Ion	Ratio	Lower	Upper
200	100		
173	29.9	21.4	32.2
215	47.2	39.2	58.8

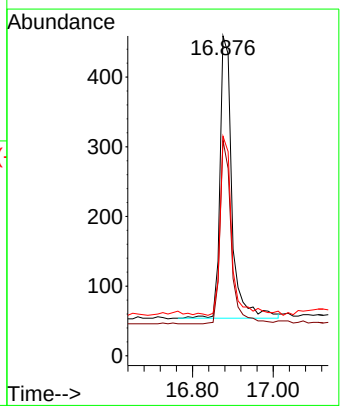


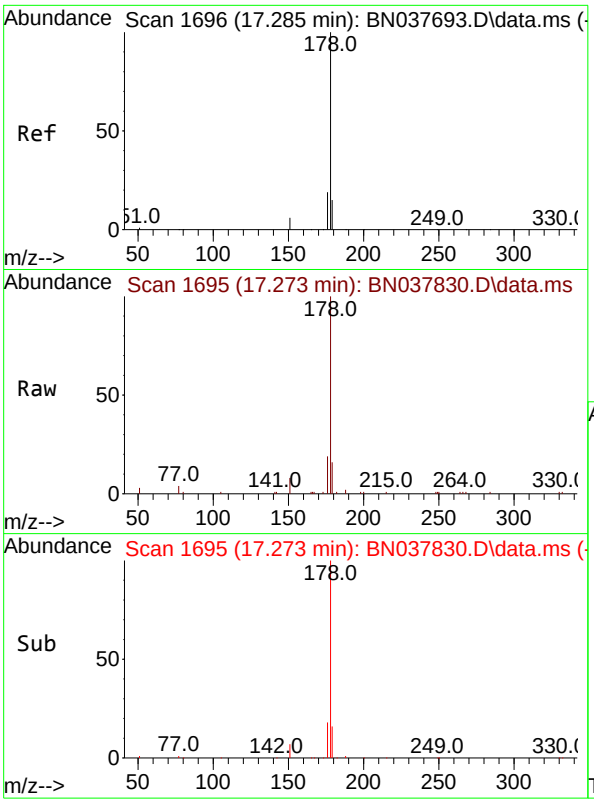


#24
Pentachlorophenol
Concen: 0.408 ng
RT: 16.876 min Scan# 1663
Delta R.T. -0.012 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:266 Resp: 830

Ion	Ratio	Lower	Upper
266	100		
264	61.1	51.6	77.4
268	61.9	53.2	79.8



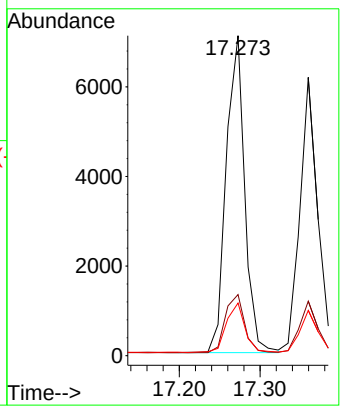


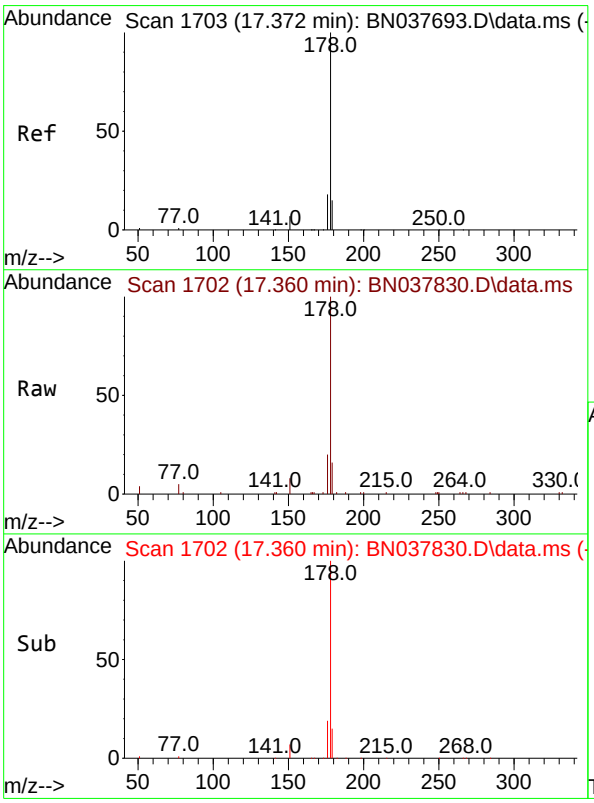
#25
Phenanthrene
Concen: 0.383 ng
RT: 17.273 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11247

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.2	18.2

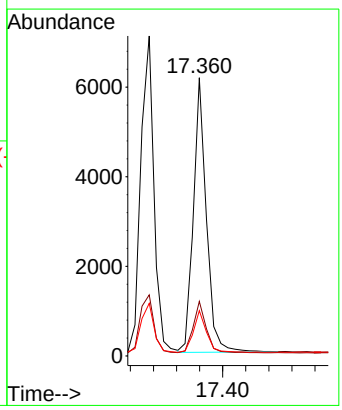


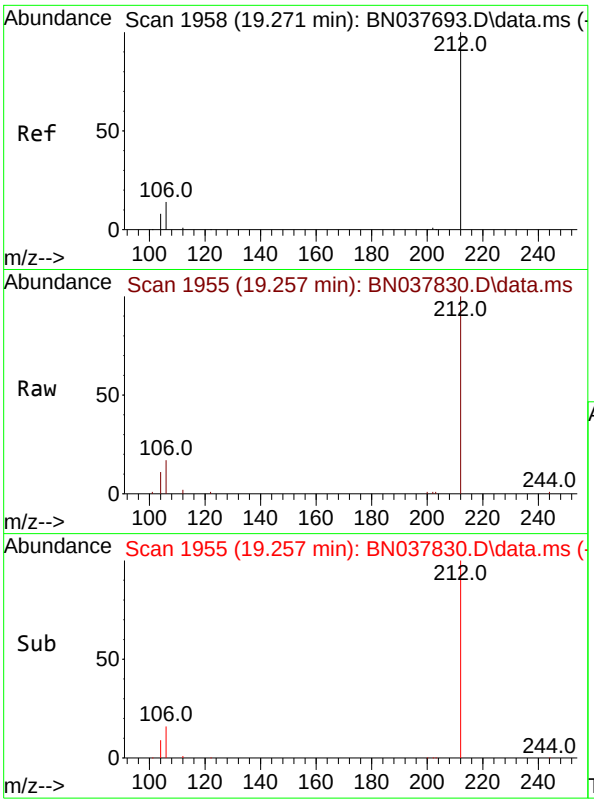


#26
Anthracene
Concen: 0.369 ng
RT: 17.360 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:178 Resp: 9601

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.4	12.2	18.4



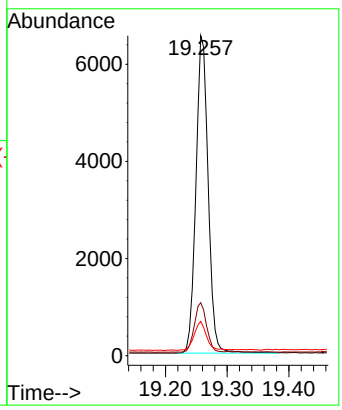


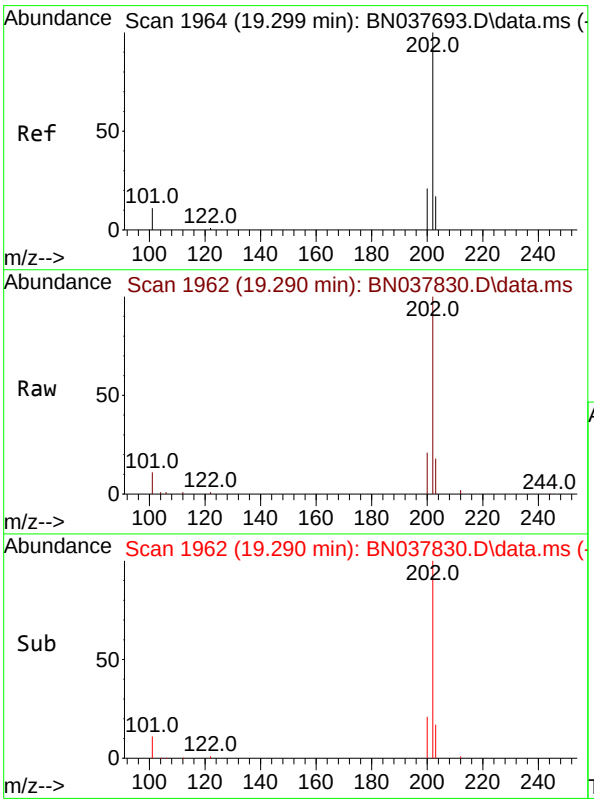
#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.257 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 9064

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.2	18.2
104	9.0	6.9	10.3

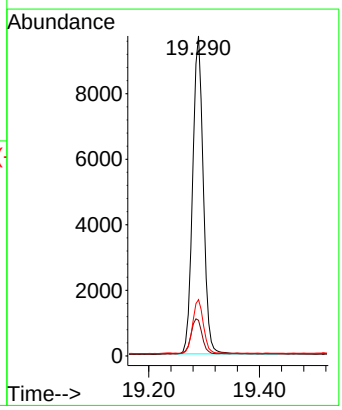


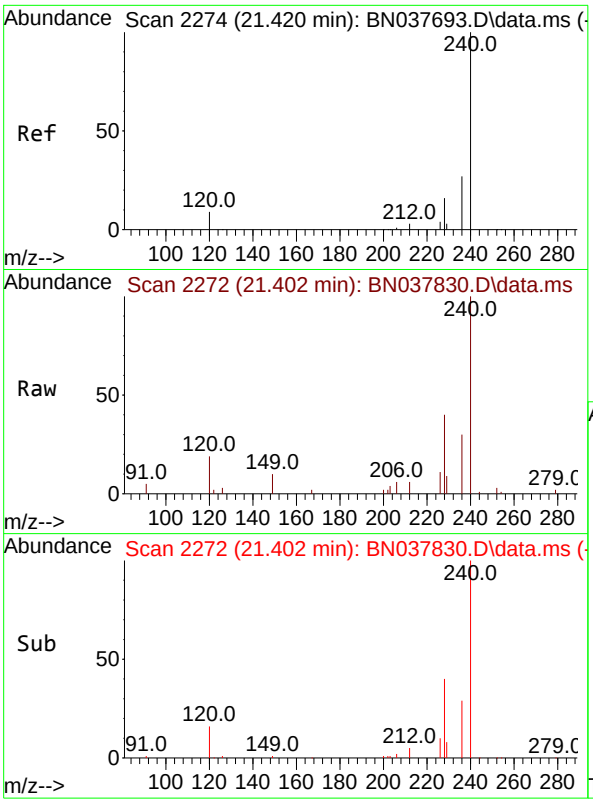


#28
Fluoranthene
Concen: 0.402 ng
RT: 19.290 min Scan# 1962
Delta R.T. -0.009 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:202 Resp: 12968

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.3	13.9
203	17.0	13.7	20.5



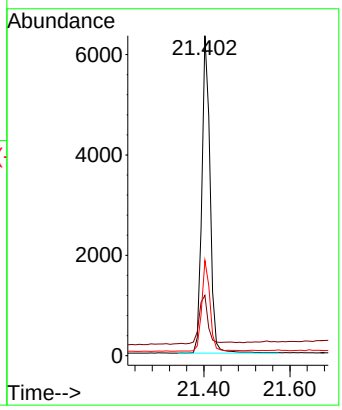


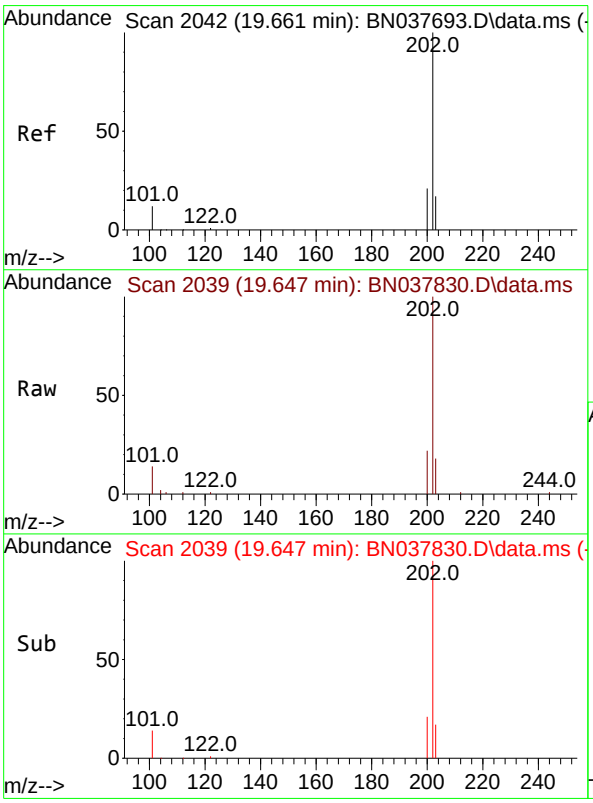
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 8425

Ion	Ratio	Lower	Upper
240	100		
120	18.9	9.2	13.8#
236	29.7	22.6	33.8

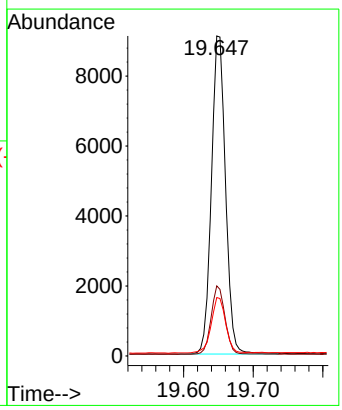


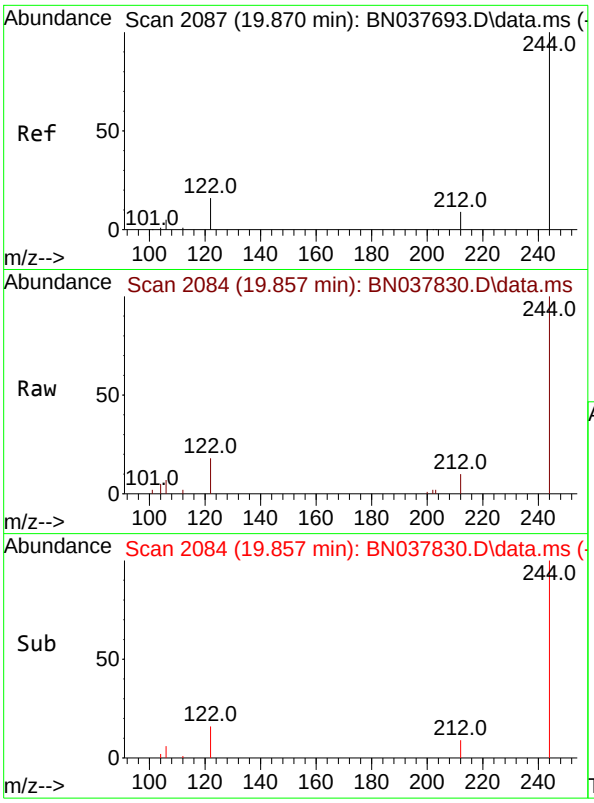


#30
Pyrene
Concen: 0.388 ng
RT: 19.647 min Scan# 2039
Delta R.T. -0.014 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:202 Resp: 12812

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.8	14.3	21.5



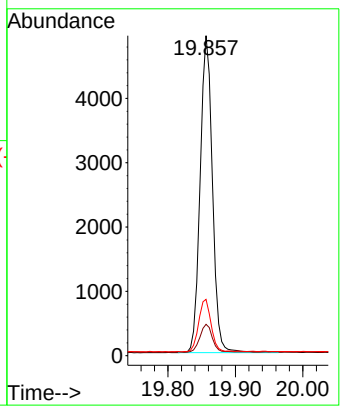


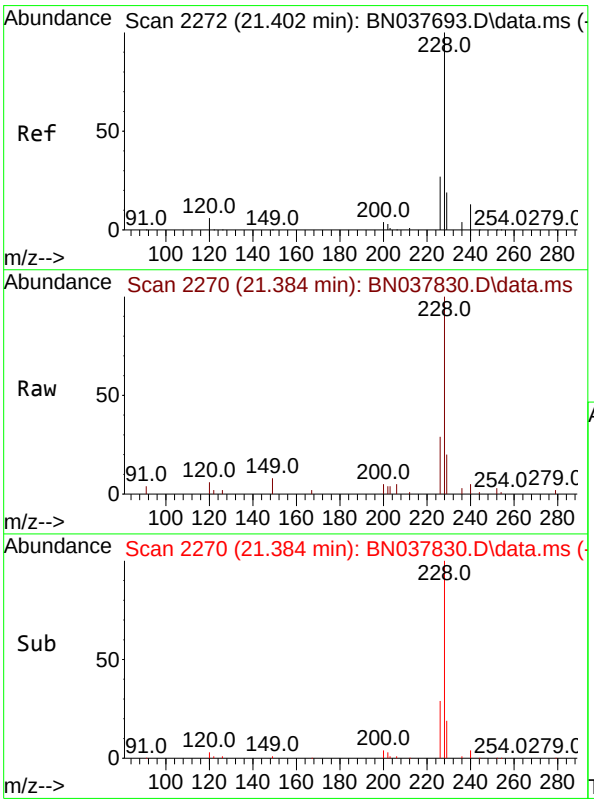
#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.857 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 6240

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.5	11.3
122	17.6	13.2	19.8

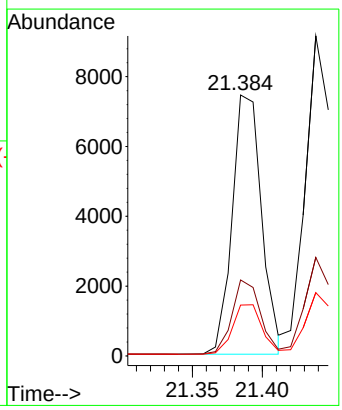


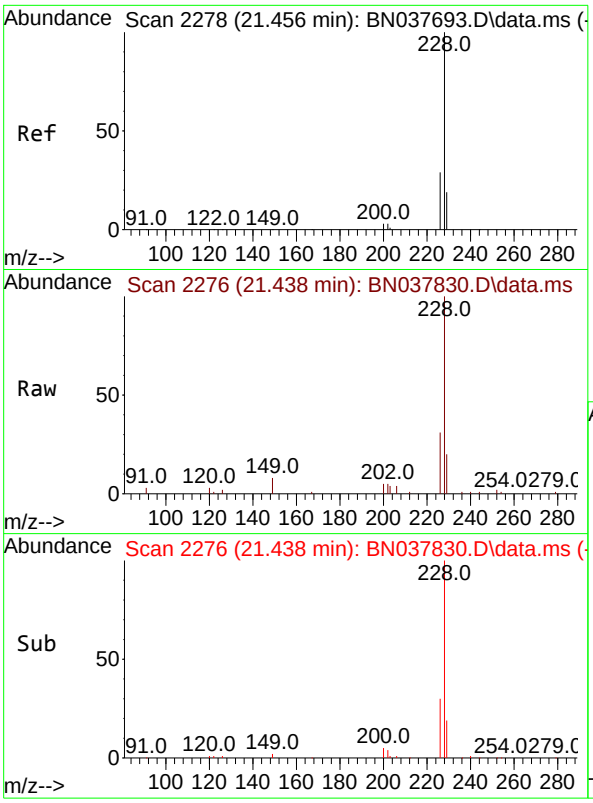


#32
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.384 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:228 Resp: 10867

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.2
229	19.5	15.8	23.6



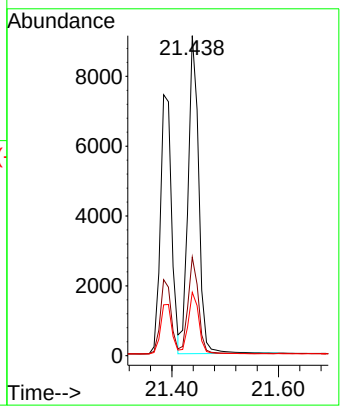


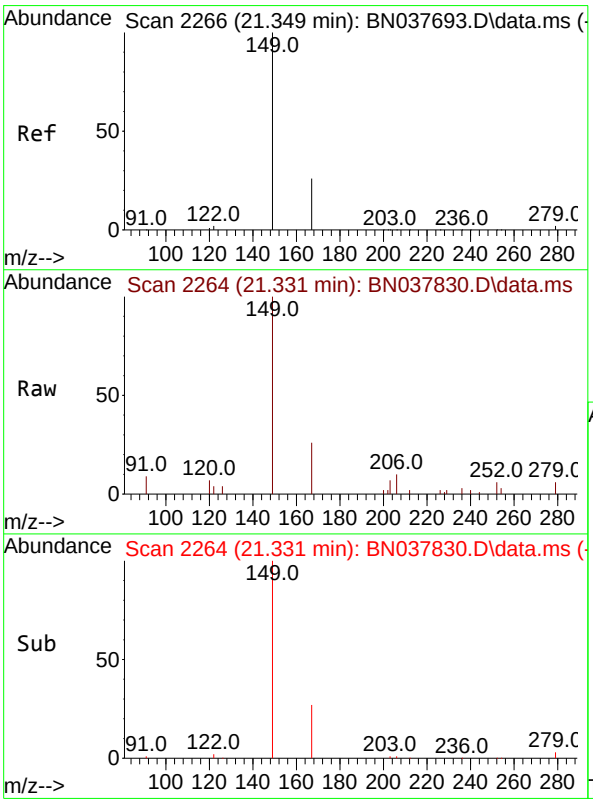
#33
Chrysene
Concen: 0.399 ng
RT: 21.438 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12584

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	19.8	15.9	23.9

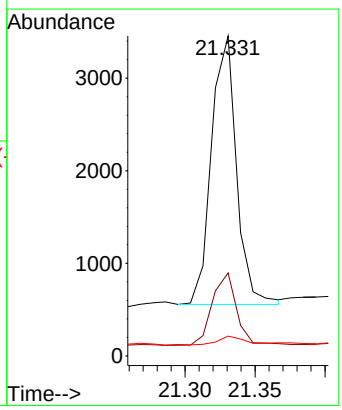


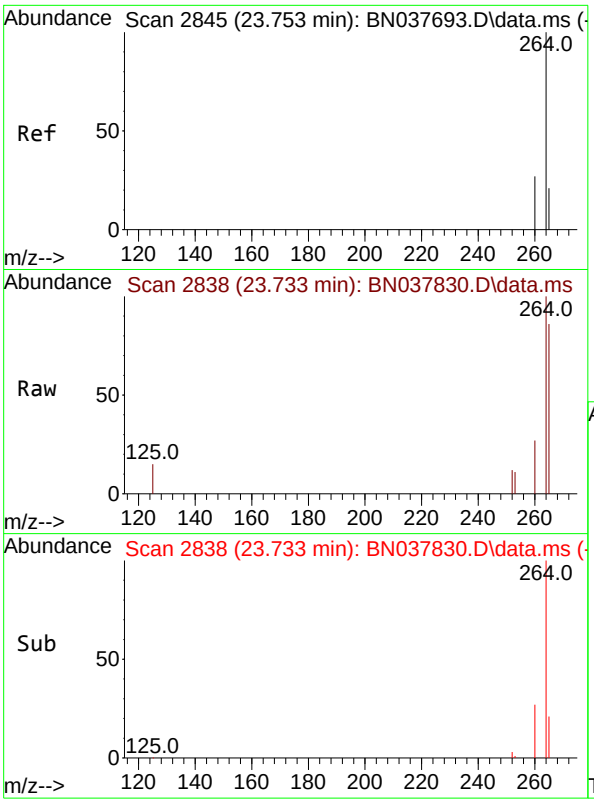


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.414 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:149 Resp: 3605

Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.8	31.2
279	3.5	3.3	4.9



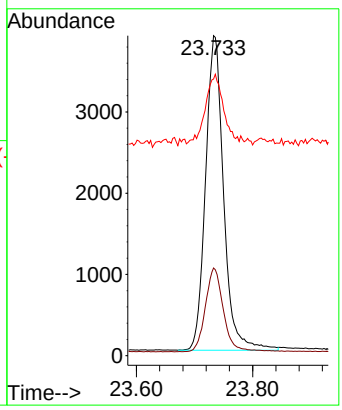


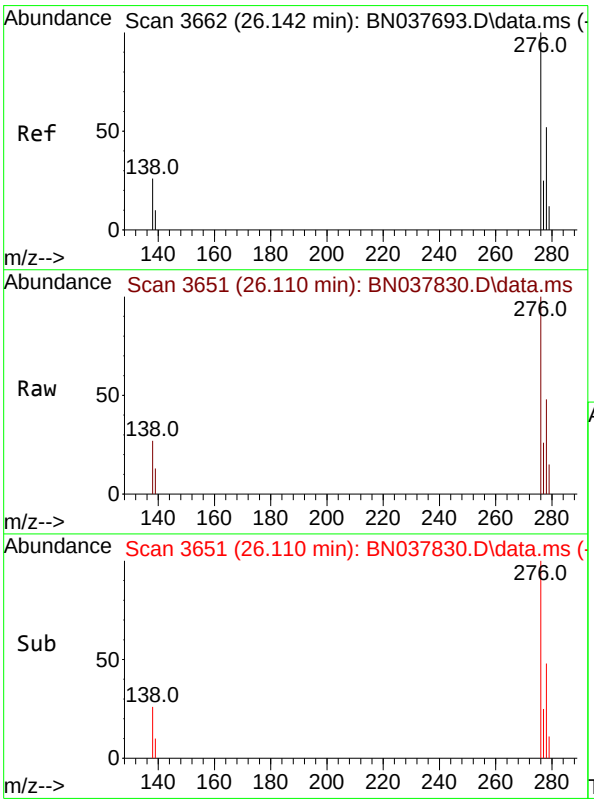
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 8348

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	86.5	39.4	59.2#

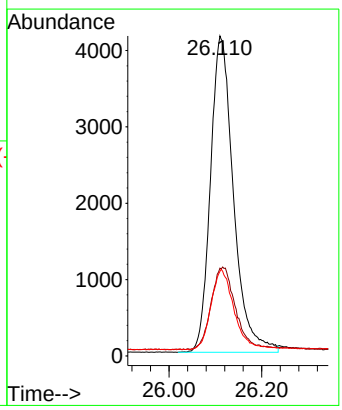


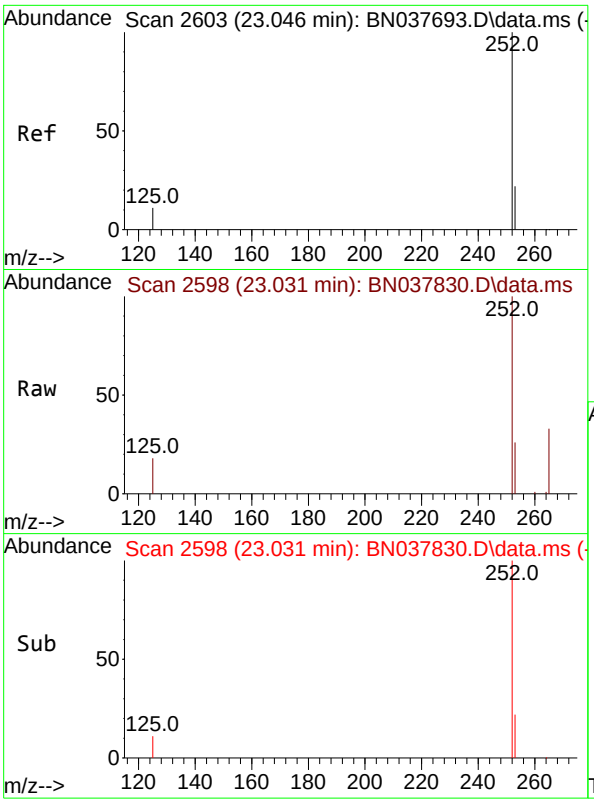


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 26.110 min Scan# 3651
Delta R.T. -0.032 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:276 Resp: 14316

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.9	32.9
277	25.2	20.1	30.1



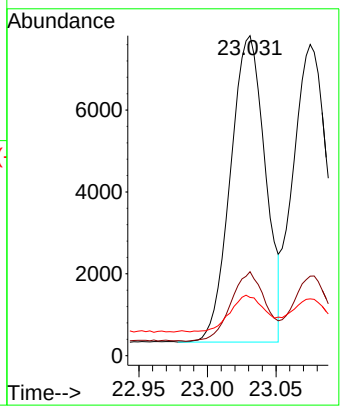


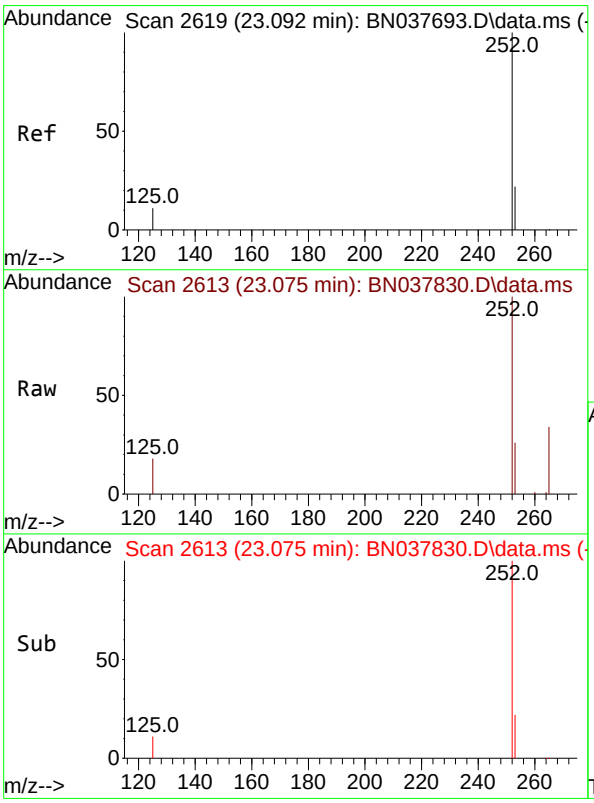
#37
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 23.031 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13207

Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.4	29.2
125	18.2	11.2	16.8#

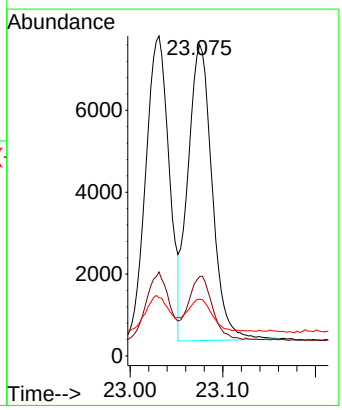


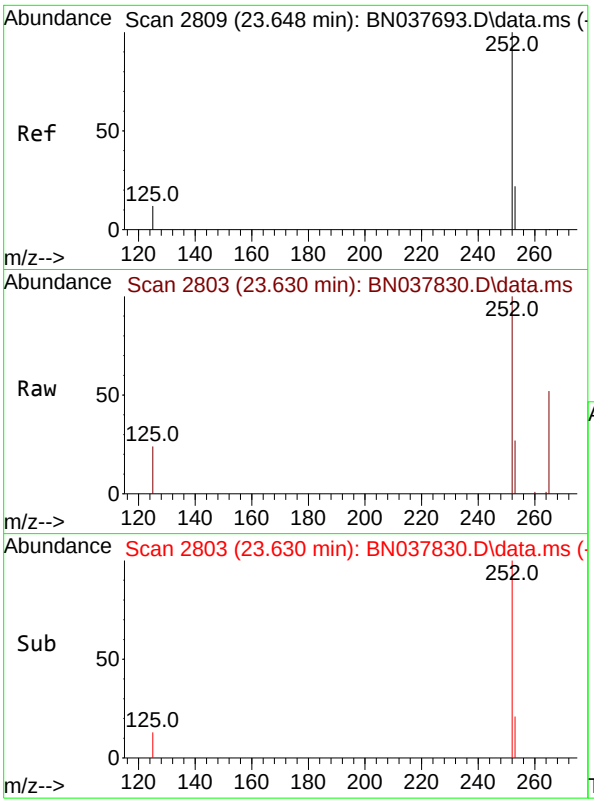


#38
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 23.075 min Scan# 2613
Delta R.T. -0.018 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:252 Resp: 13139

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.4	29.0
125	18.2	11.6	17.4#



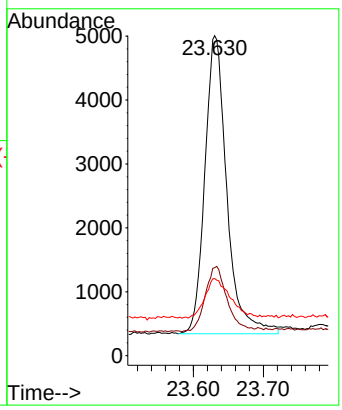


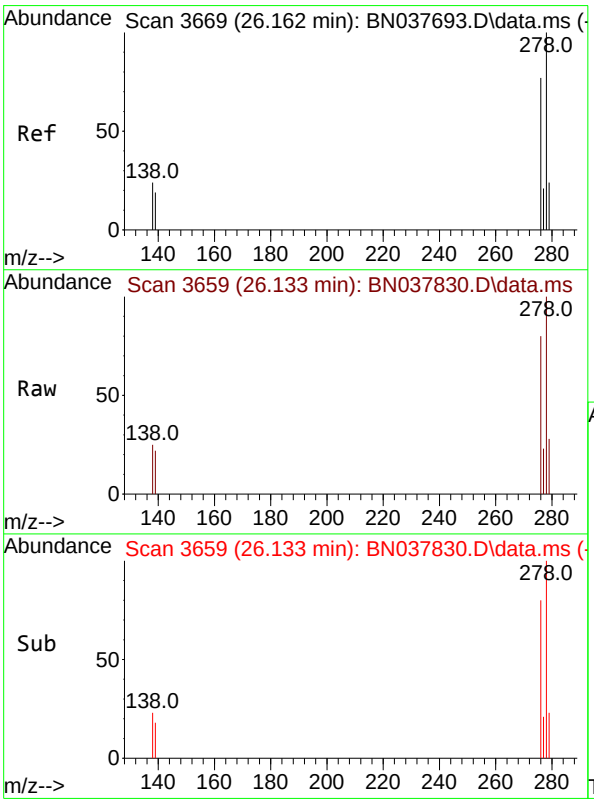
#39
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.630 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10193

Ion	Ratio	Lower	Upper
252	100		
253	27.5	20.8	31.2
125	24.1	13.9	20.9#

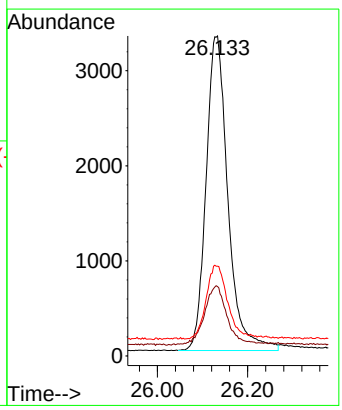


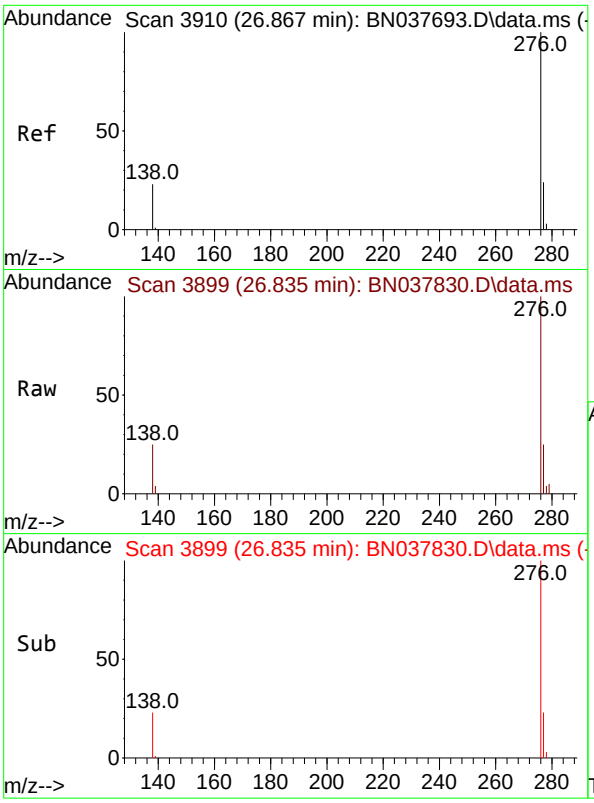


#40
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.133 min Scan# 3659
Delta R.T. -0.029 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Tgt Ion:278 Resp: 11121

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.8	26.6
279	28.0	22.0	33.0





#41
Benzo(g,h,i)perylene
Concen: 0.396 ng
RT: 26.835 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN037830.D
Acq: 20 Sep 2025 00:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 12456

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.6	31.0
138	25.3	20.2	30.2