Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037150.D
Acq On : 03 Jun 2025 15:53
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Quant Time: Jun 04 01:54:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

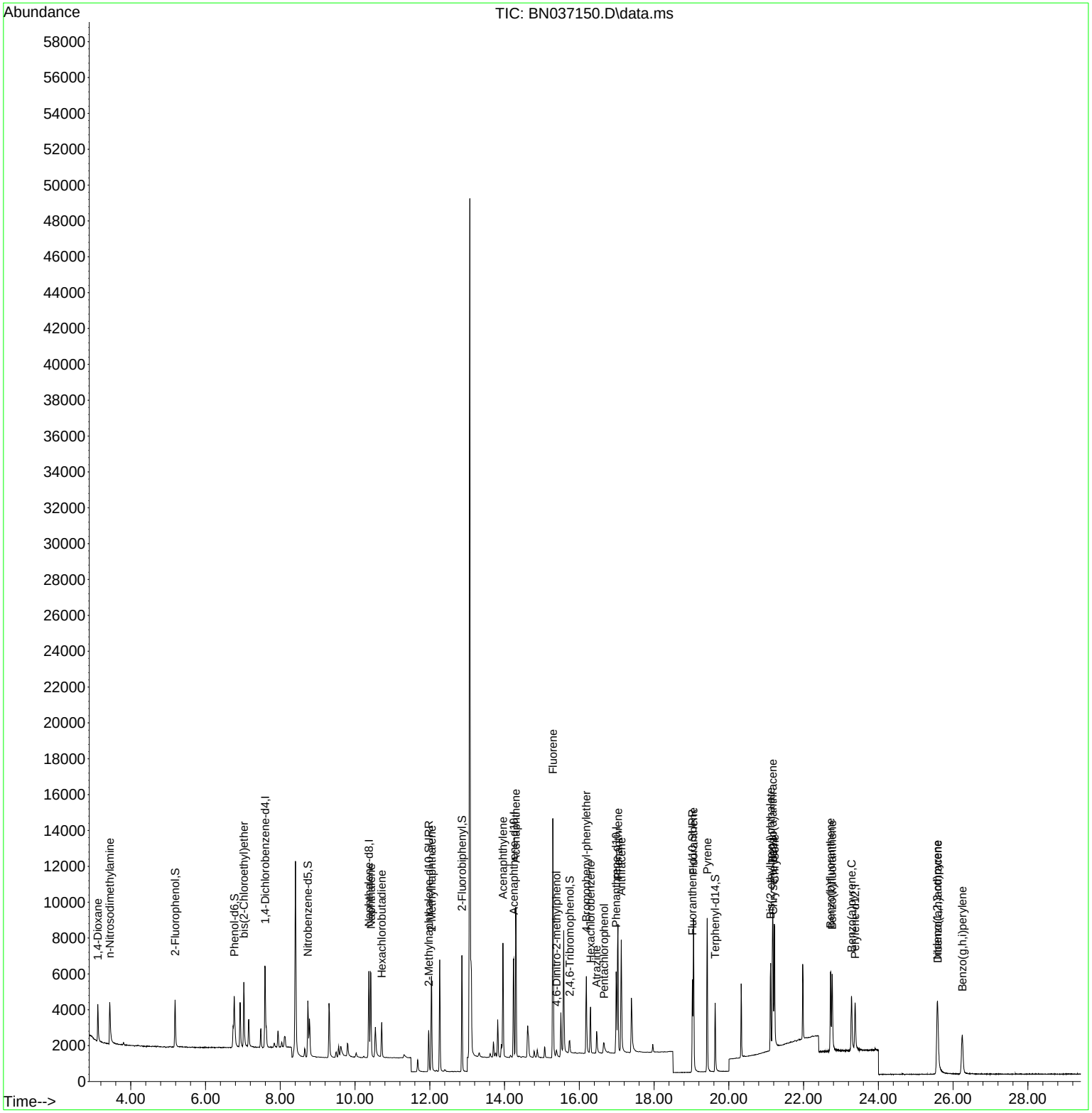
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.597	152	2254	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	5892	0.400	ng		0.00
13) Acenaphthene-d10	14.245	164	3320	0.400	ng		0.01
19) Phenanthrene-d10	16.984	188	6332	0.400	ng		0.00
29) Chrysene-d12	21.189	240	4292	0.400	ng		0.00
35) Perylene-d12	23.377	264	3564	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	2014	0.361	ng		0.00
5) Phenol-d6	6.773	99	2419	0.358	ng		0.00
8) Nitrobenzene-d5	8.739	82	2473	0.398	ng		0.00
11) 2-Methylnaphthalene-d10	11.971	152	3266	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	440	0.329	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	5696	0.402	ng		0.00
27) Fluoranthene-d10	19.026	212	6037	0.375	ng		0.00
31) Terphenyl-d14	19.635	244	4196	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	1242	0.413	ng		98
3) n-Nitrosodimethylamine	3.437	42	2355	0.390	ng		100
6) bis(2-Chloroethyl)ether	7.026	93	2715	0.421	ng		100
9) Naphthalene	10.426	128	6699	0.394	ng		98
10) Hexachlorobutadiene	10.714	225	1489	0.402	ng	#	99
12) 2-Methylnaphthalene	12.047	142	3839	0.352	ng		96
16) Acenaphthylene	13.957	152	6575	0.404	ng		100
17) Acenaphthene	14.299	154	3940	0.373	ng		100
18) Fluorene	15.293	166	5182	0.373	ng		99
20) 4,6-Dinitro-2-methylph...	15.389	198	348	0.462	ng		84
21) 4-Bromophenyl-phenylether	16.189	248	1544	0.372	ng		98
22) Hexachlorobenzene	16.301	284	1743	0.389	ng		99
23) Atrazine	16.463	200	1282	0.374	ng		97
24) Pentachlorophenol	16.661	266	591	0.436	ng		97
25) Phenanthrene	17.033	178	7869	0.384	ng		100
26) Anthracene	17.120	178	7105	0.380	ng		99
28) Fluoranthene	19.054	202	8186	0.361	ng		99
30) Pyrene	19.421	202	8148	0.389	ng		99
32) Benzo(a)anthracene	21.171	228	5949	0.383	ng		99
33) Chrysene	21.224	228	6661	0.385	ng		99
34) Bis(2-ethylhexyl)phtha...	21.117	149	3635	0.371	ng		99
36) Indeno(1,2,3-cd)pyrene	25.573	276	5461	0.385	ng		100
37) Benzo(b)fluoranthene	22.720	252	5432	0.378	ng		100
38) Benzo(k)fluoranthene	22.763	252	5859	0.399	ng		100
39) Benzo(a)pyrene	23.281	252	4925	0.409	ng		99
40) Dibenzo(a,h)anthracene	25.588	278	4227	0.387	ng		100
41) Benzo(g,h,i)perylene	26.248	276	4620	0.368	ng		98

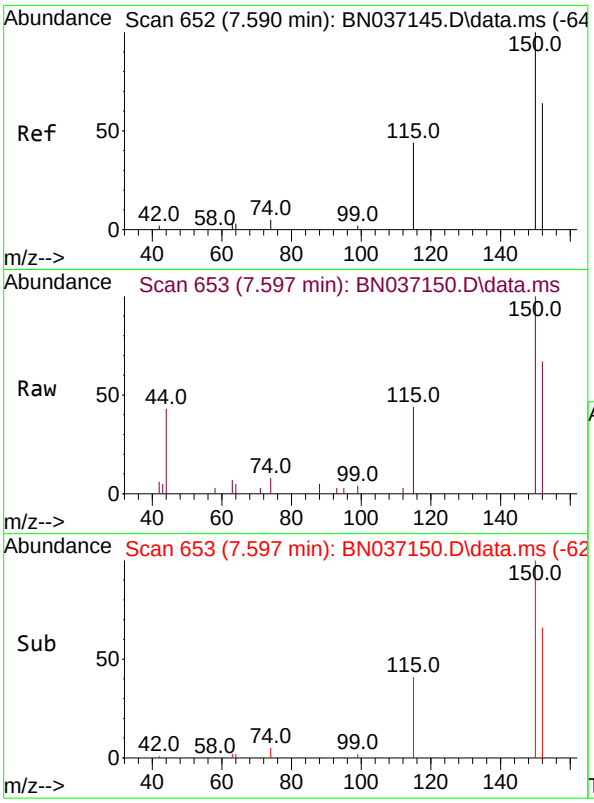
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037150.D
Acq On : 03 Jun 2025 15:53
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Quant Time: Jun 04 01:54:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



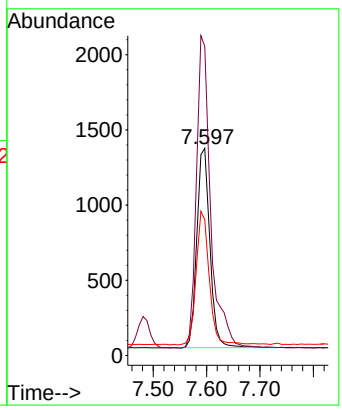


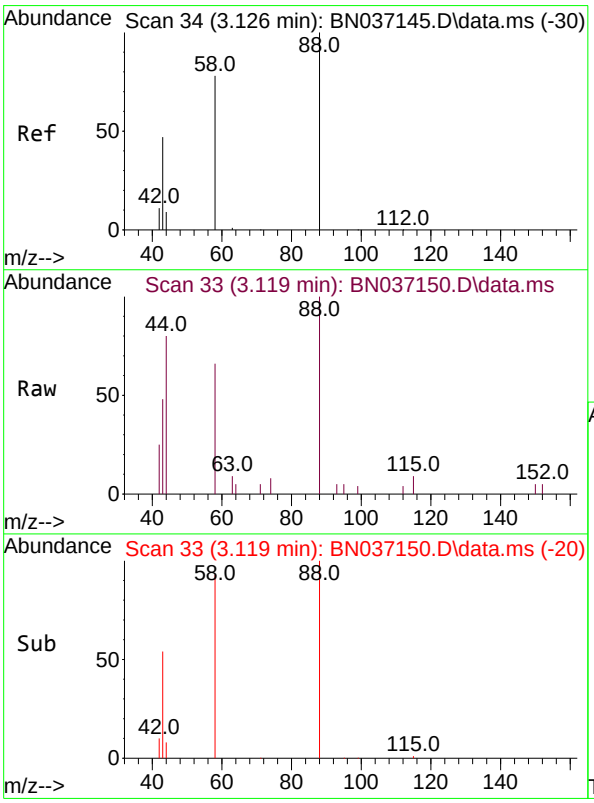
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.597 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:152 Resp: 2254

Ion	Ratio	Lower	Upper
152	100		
150	149.2	123.2	184.8
115	65.5	56.6	85.0

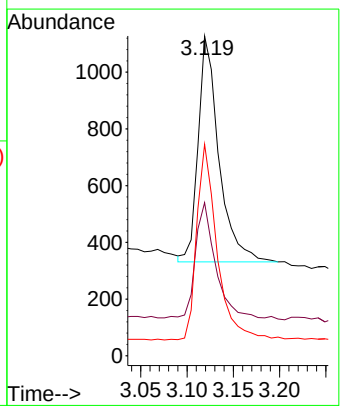


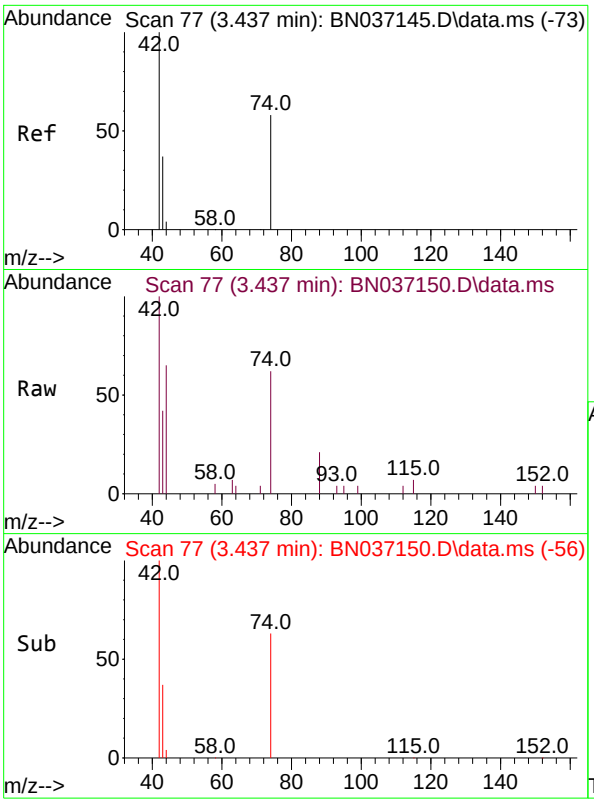


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.119 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion: 88 Resp: 1242

Ion	Ratio	Lower	Upper
88	100		
43	50.8	43.5	65.3
58	84.5	67.7	101.5



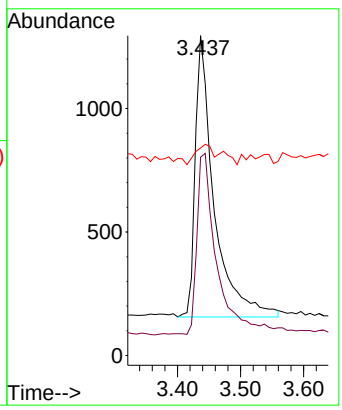


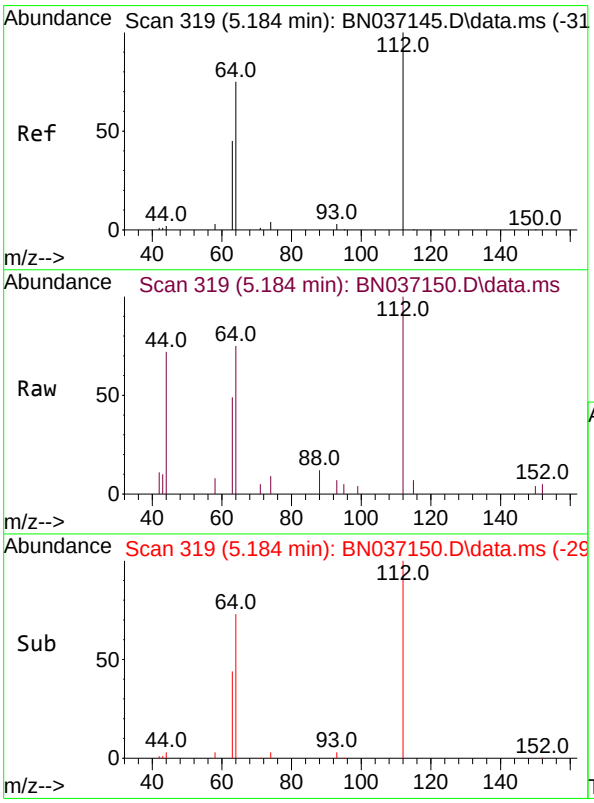
#3
n-Nitrosodimethylamine
Concen: 0.390 ng
RT: 3.437 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion: 42 Resp: 2355

Ion	Ratio	Lower	Upper
42	100		
74	66.5	53.0	79.4
44	6.9	5.9	8.9

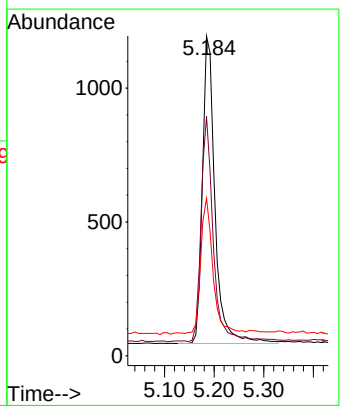


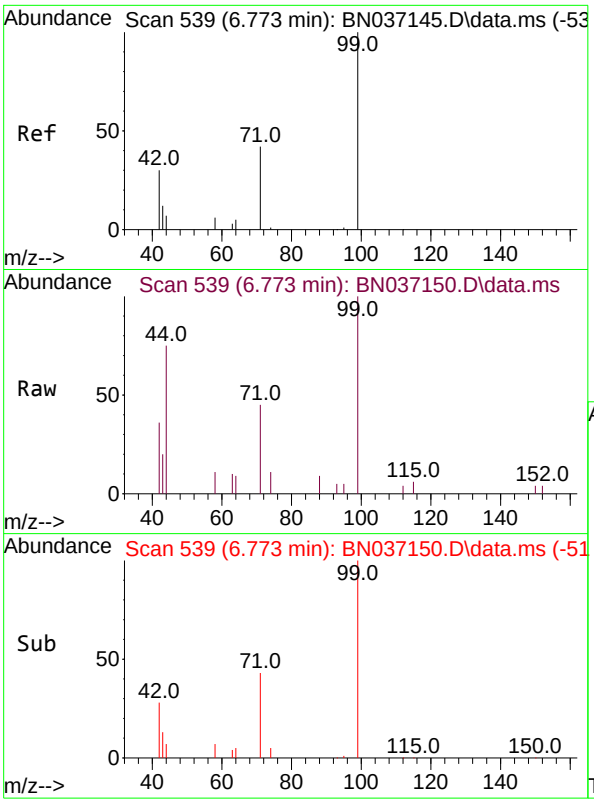


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:112 Resp: 2014

Ion	Ratio	Lower	Upper
112	100		
64	72.0	56.3	84.5
63	42.3	36.2	54.4



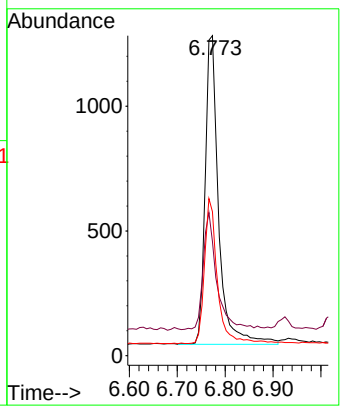


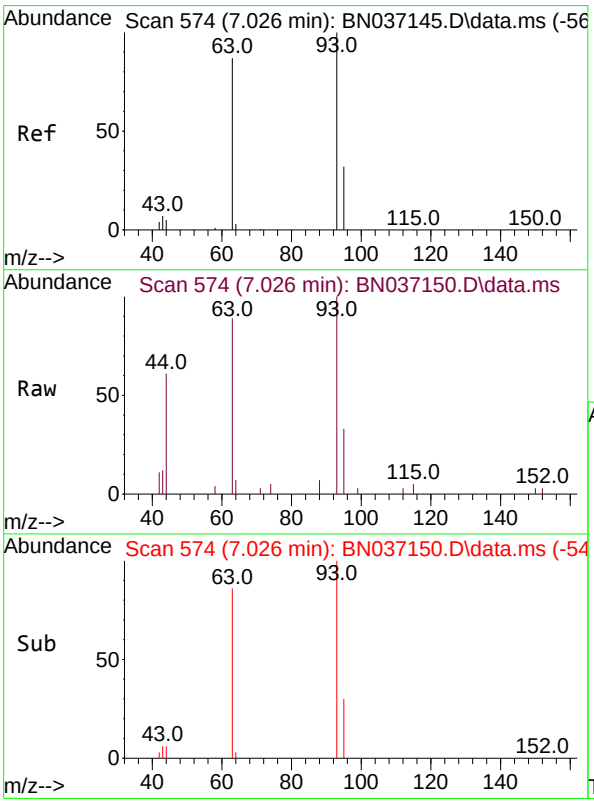
#5
Phenol-d6
Concen: 0.358 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion: 99 Resp: 2419

Ion	Ratio	Lower	Upper
99	100		
42	38.5	31.3	46.9
71	45.7	38.2	57.2

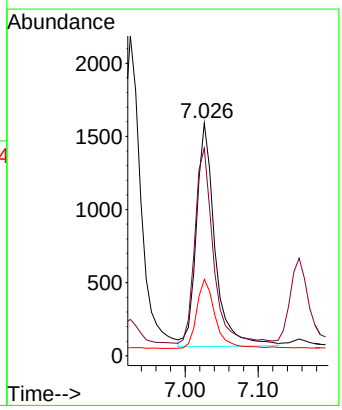


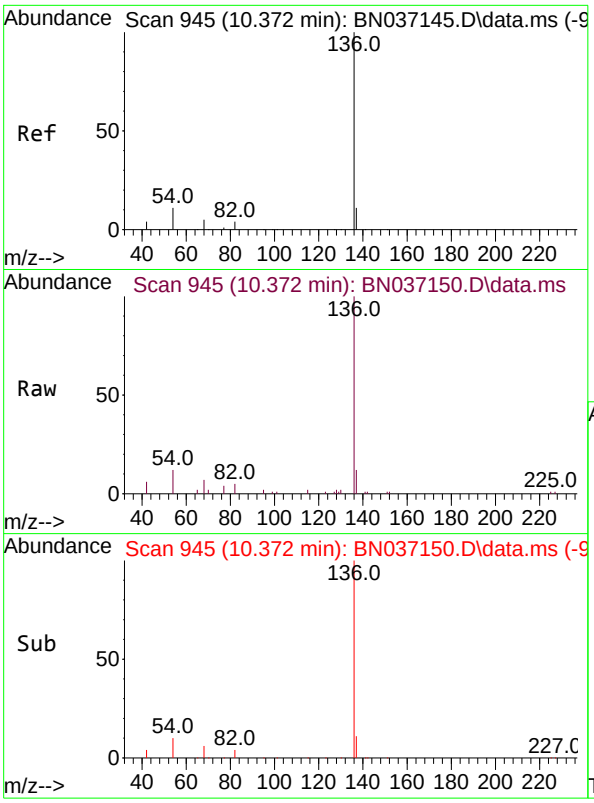


#6
bis(2-Chloroethyl)ether
Concen: 0.421 ng
RT: 7.026 min Scan# 574
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion: 93 Resp: 2715

Ion	Ratio	Lower	Upper
93	100		
63	85.3	68.6	103.0
95	30.5	24.3	36.5



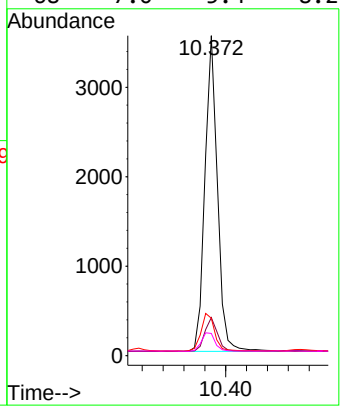


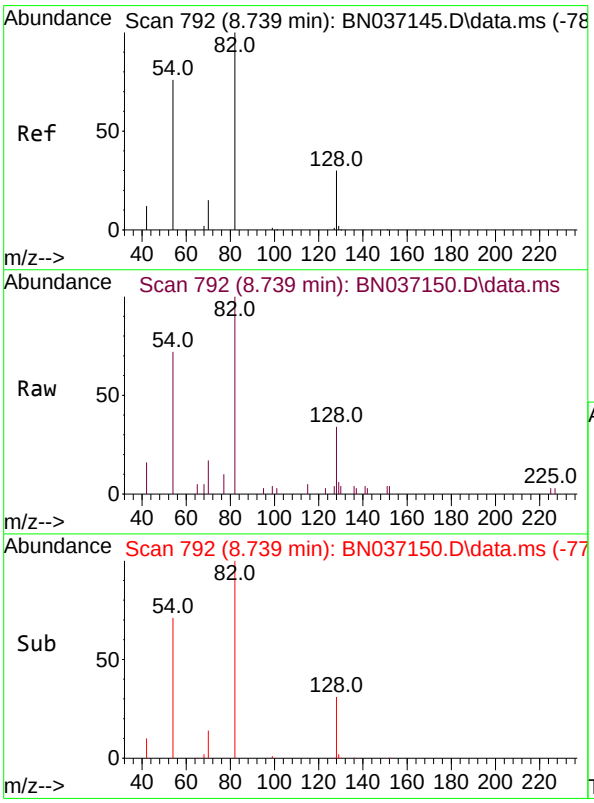
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:136 Resp: 5892

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	11.7	9.7	14.5
68	7.0	5.4	8.2

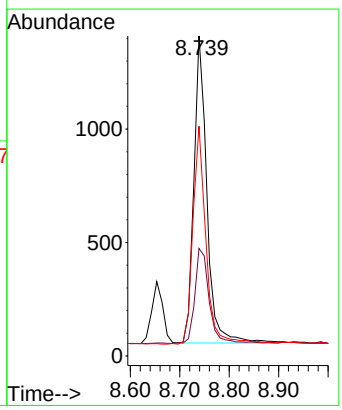


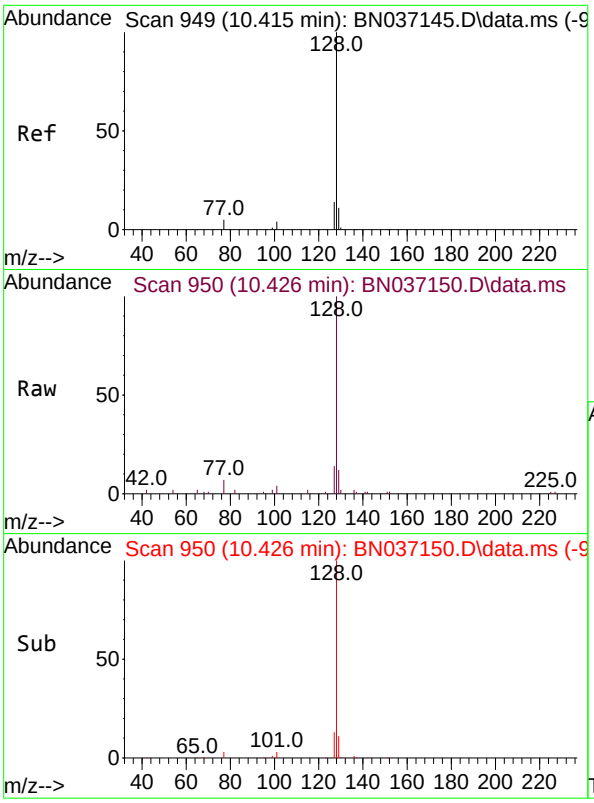


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion: 82 Resp: 2473

Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.9	40.3
54	71.8	61.4	92.2



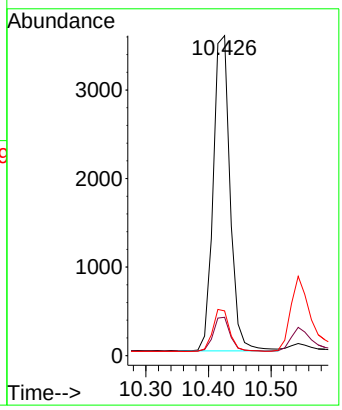


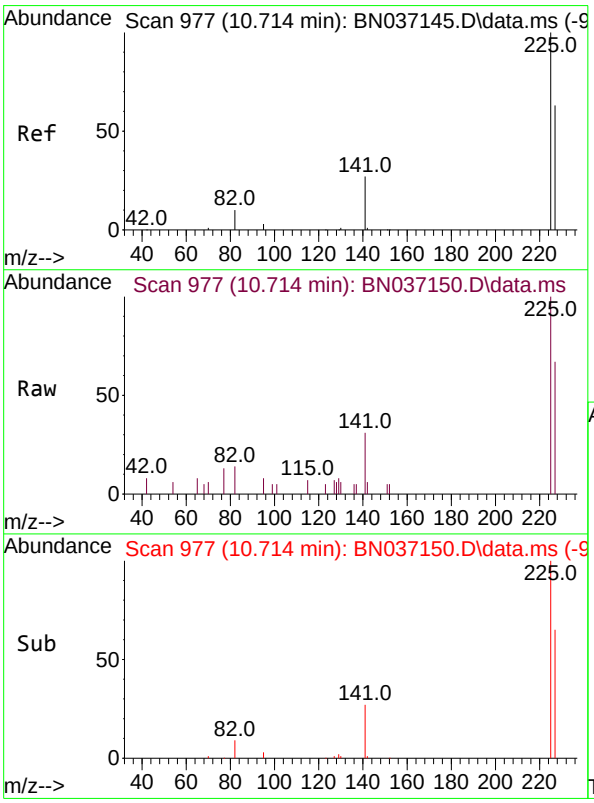
#9
Naphthalene
Concen: 0.394 ng
RT: 10.426 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:128 Resp: 6699

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.8
127	14.0	12.3	18.5

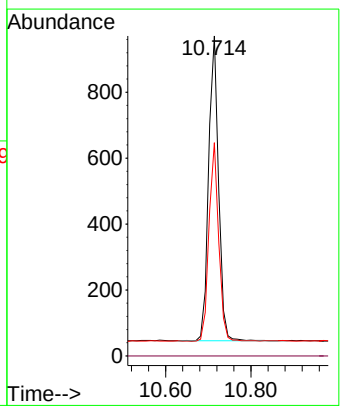


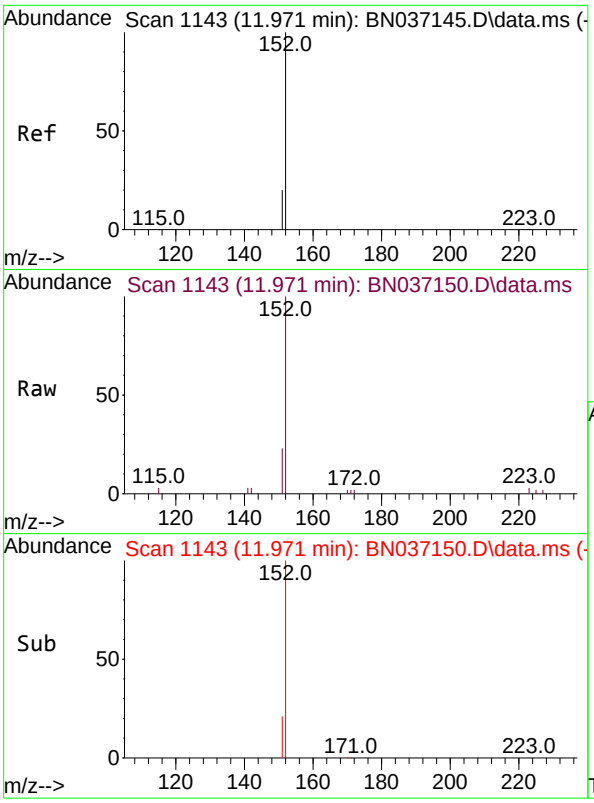


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.714 min Scan# 977
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:225 Resp: 1489

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.3	75.5



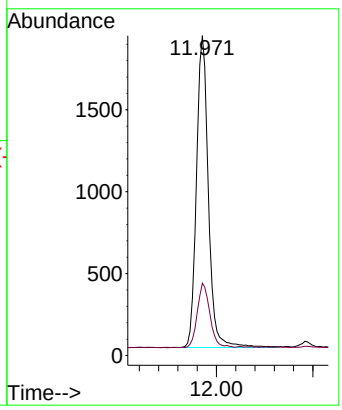


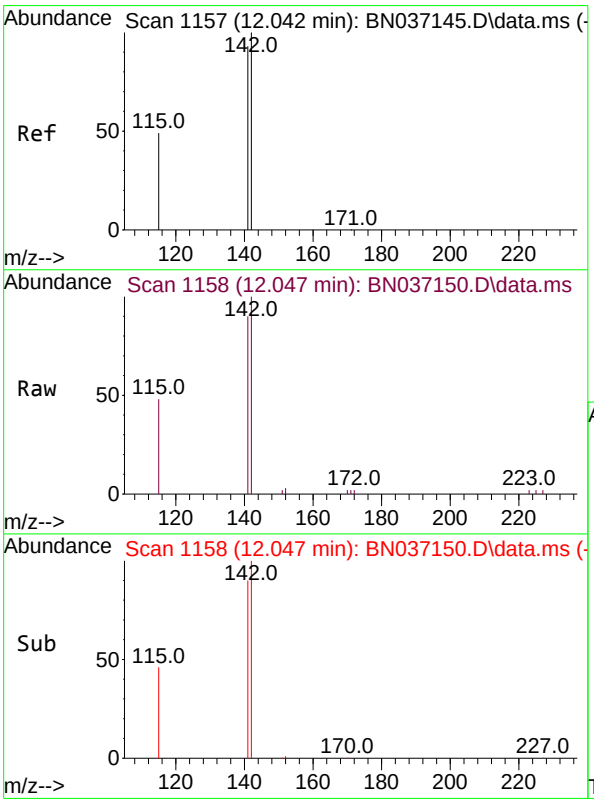
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:152 Resp: 3266

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7

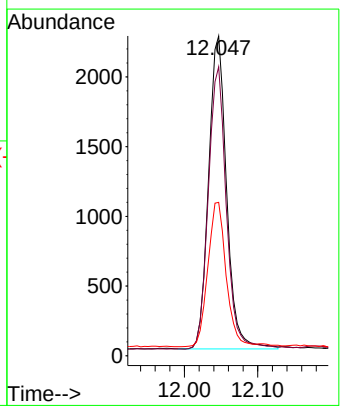


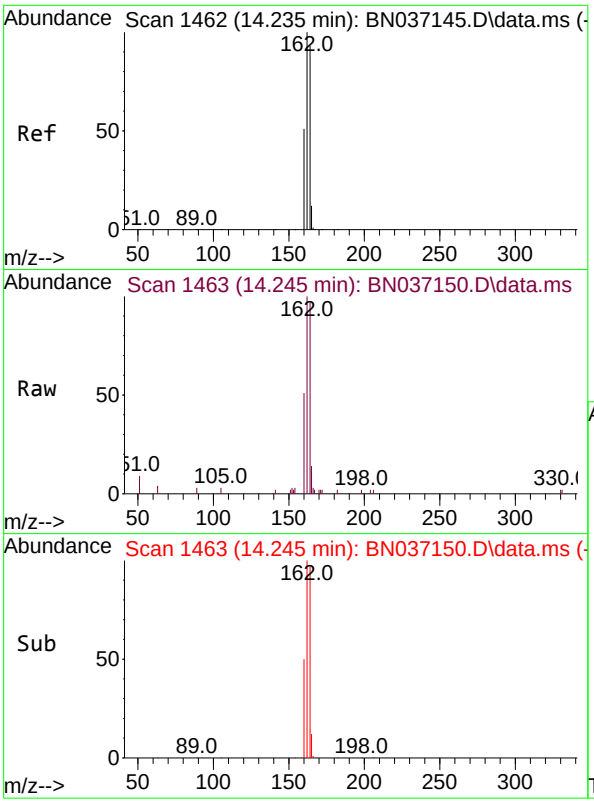


#12
2-Methylnaphthalene
Concen: 0.352 ng
RT: 12.047 min Scan# 1158
Delta R.T. 0.005 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:142 Resp: 3839

Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.6	111.8
115	48.0	41.0	61.4



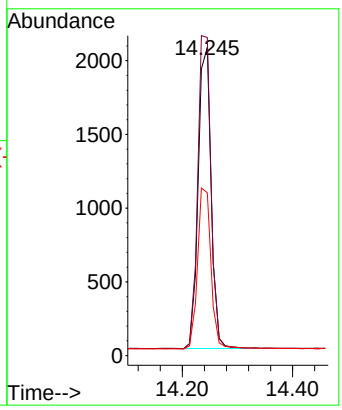


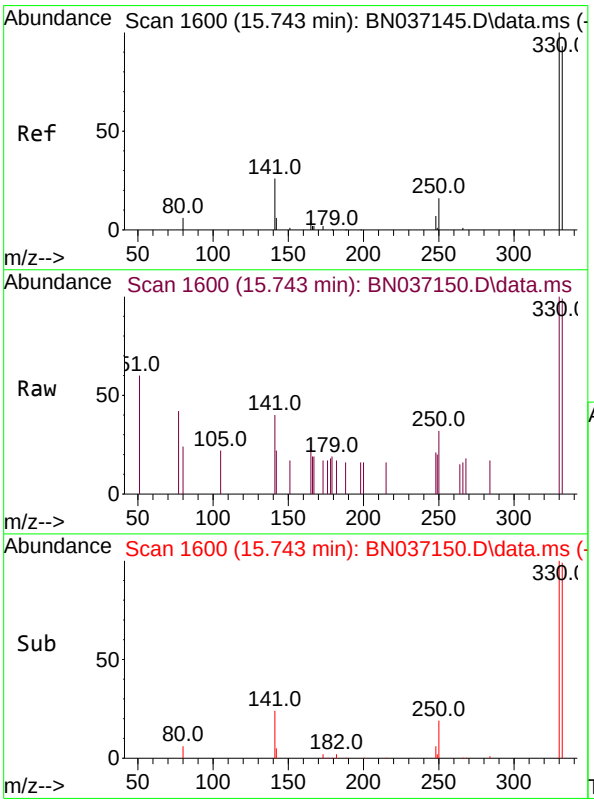
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:164 Resp: 3320

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.5	128.3
160	52.8	44.6	67.0

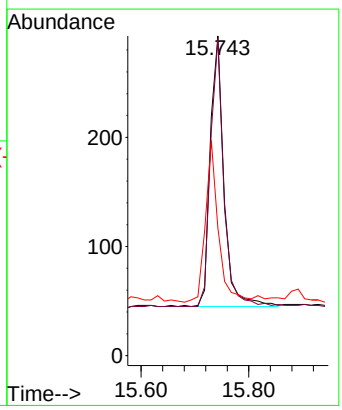


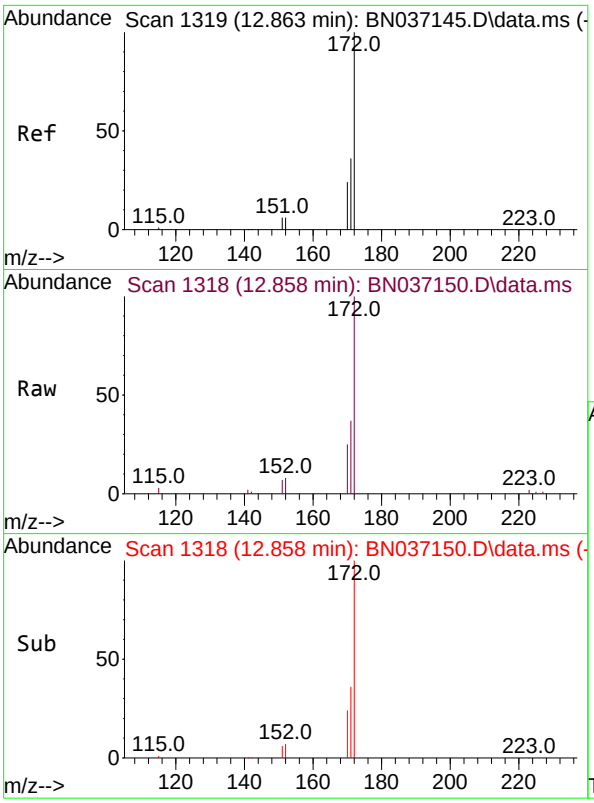


#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:330 Resp: 440

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	55.9	46.4	69.6



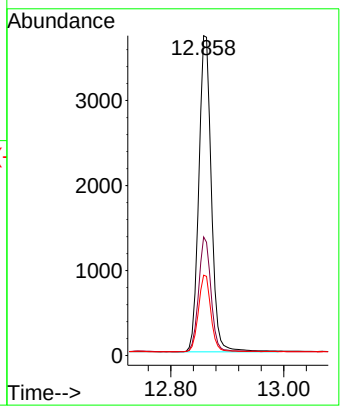


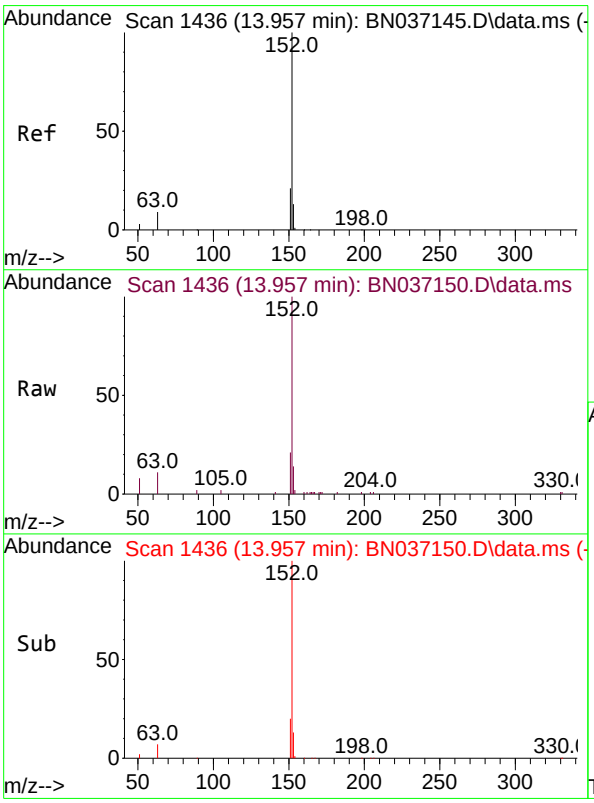
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:172 Resp: 5696

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	25.1	20.3	30.5

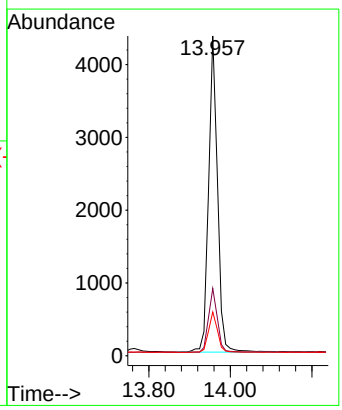


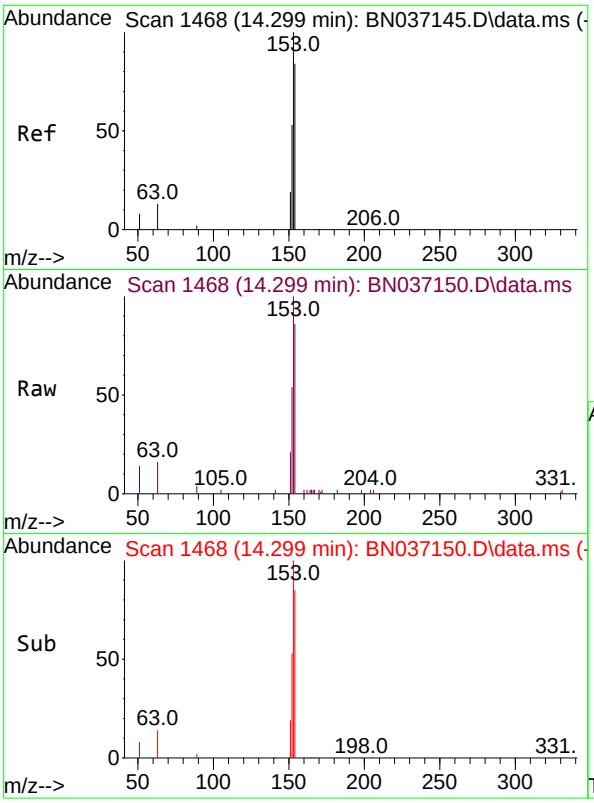


#16
Acenaphthylene
Concen: 0.404 ng
RT: 13.957 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:152 Resp: 6575

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.1	10.6	15.8



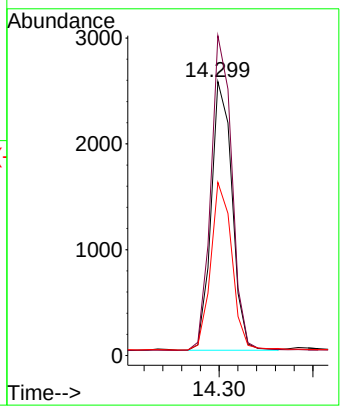


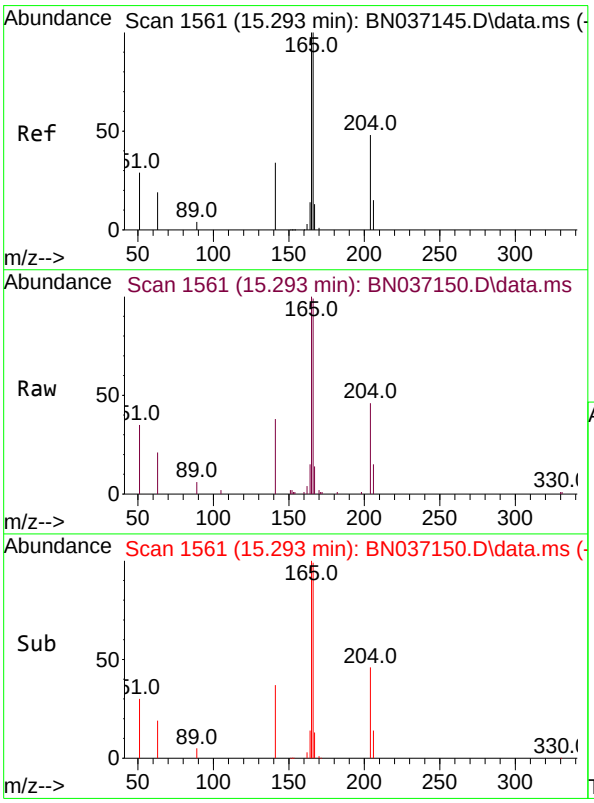
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.299 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:154 Resp: 3940

Ion	Ratio	Lower	Upper
154	100		
153	118.0	93.8	140.8
152	63.2	50.5	75.7

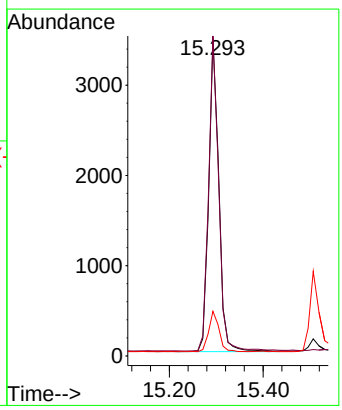


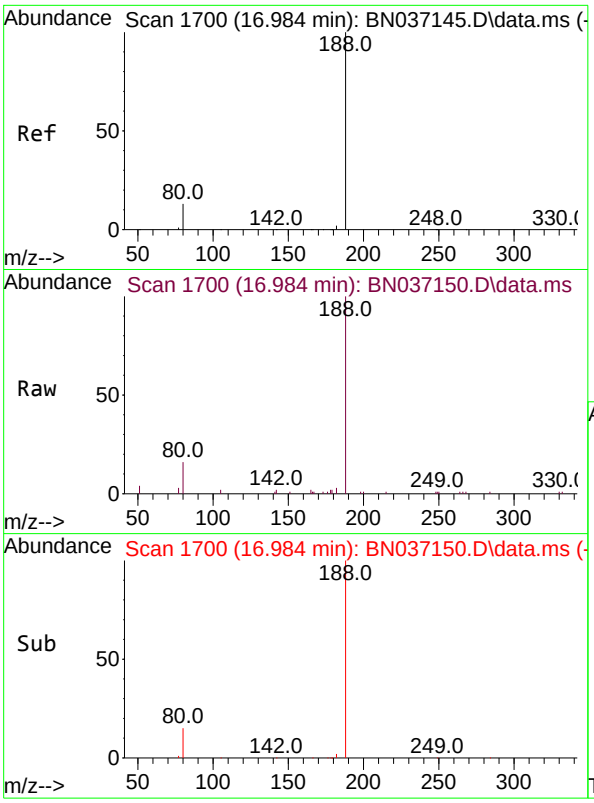


#18
Fluorene
Concen: 0.373 ng
RT: 15.293 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:166 Resp: 5182

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.1	121.7
167	13.2	10.8	16.2



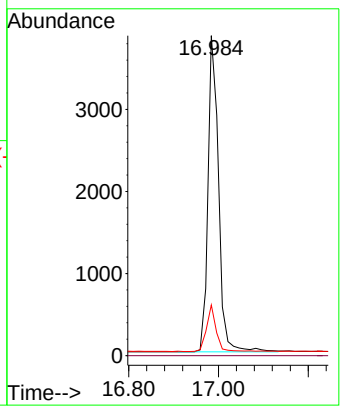


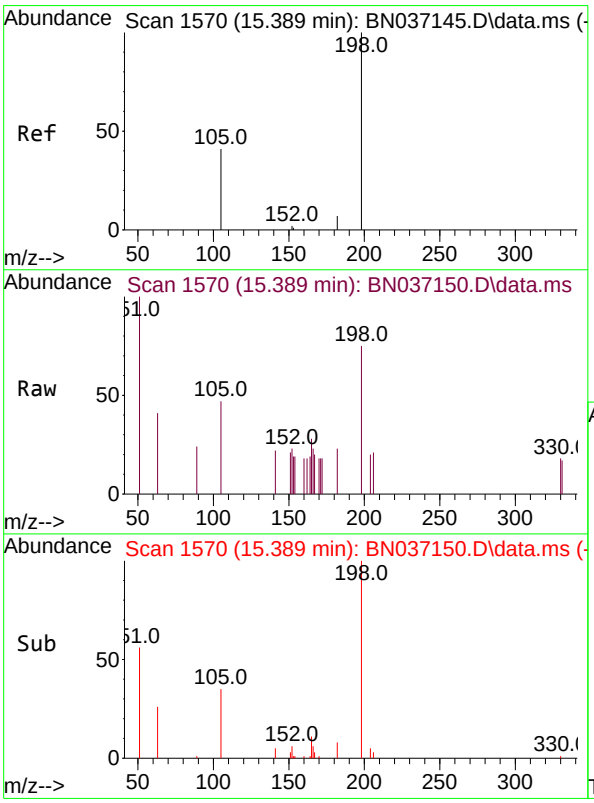
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:188 Resp: 6332

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	11.3	16.9

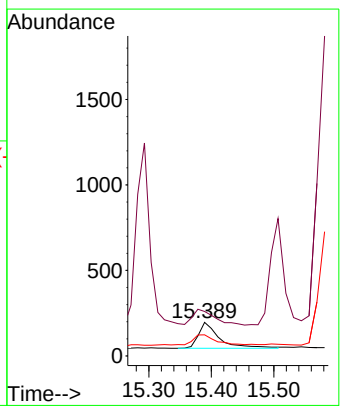


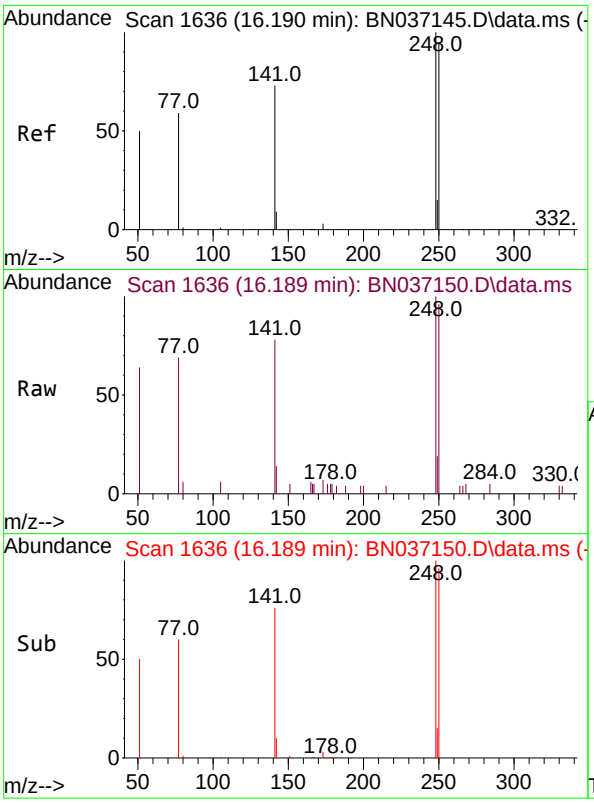


#20
4,6-Dinitro-2-methylphenol
Concen: 0.462 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:198 Resp: 348

Ion	Ratio	Lower	Upper
198	100		
51	132.7	125.2	187.8
105	62.8	57.1	85.7



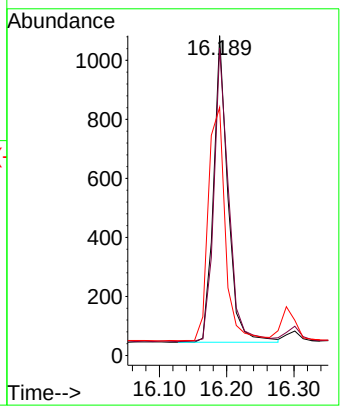


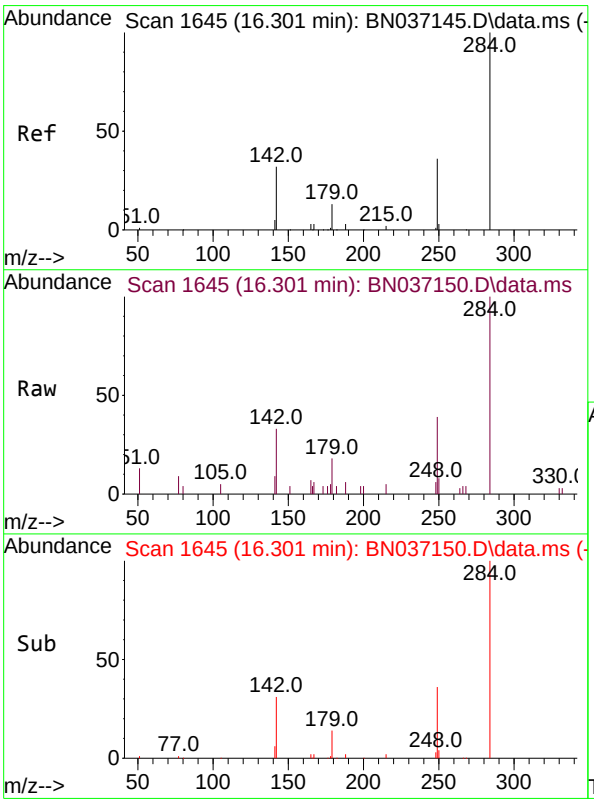
#21
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.189 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:248 Resp: 1544

Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.1	114.1
141	77.6	60.1	90.1

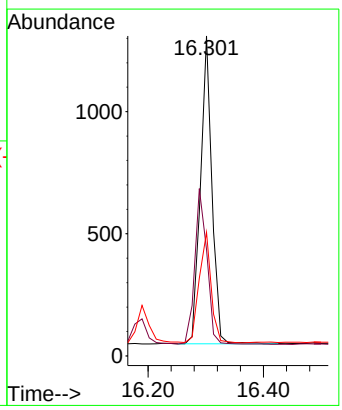


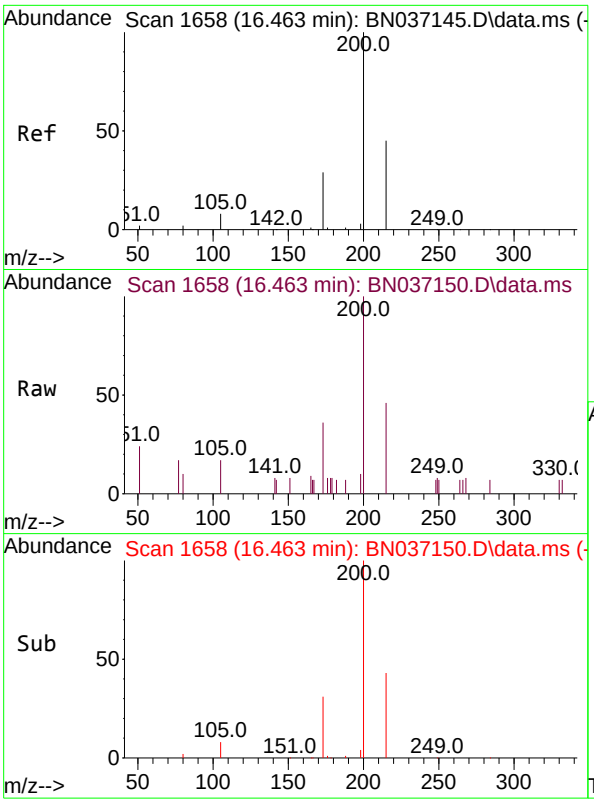


#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.301 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:284 Resp: 1743

Ion	Ratio	Lower	Upper
284	100		
142	53.8	44.0	66.0
249	37.4	29.7	44.5



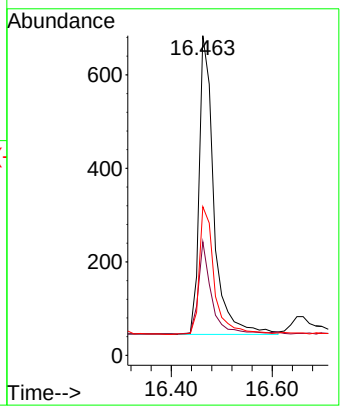


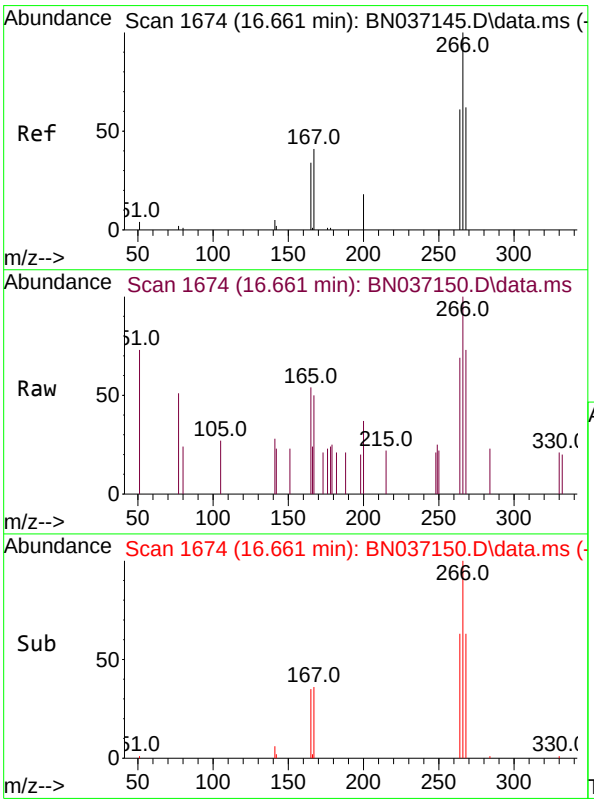
#23
Atrazine
Concen: 0.374 ng
RT: 16.463 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:200 Resp: 1282

Ion	Ratio	Lower	Upper
200	100		
173	35.5	28.1	42.1
215	46.5	39.3	58.9

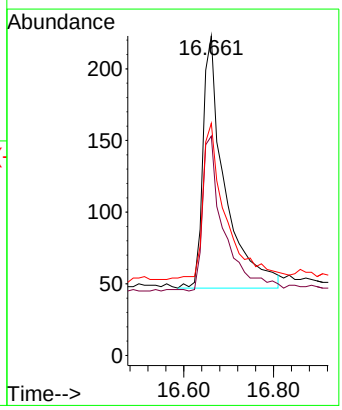


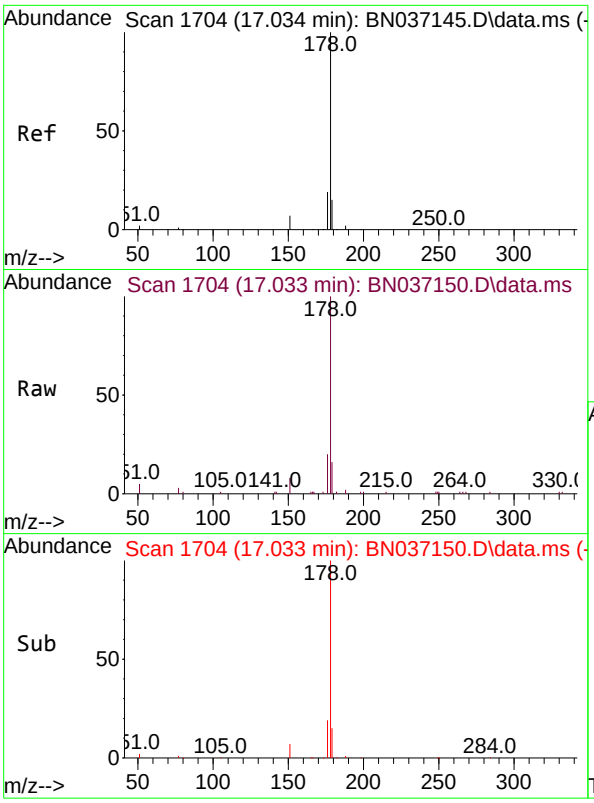


#24
Pentachlorophenol
Concen: 0.436 ng
RT: 16.661 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:266 Resp: 591

Ion	Ratio	Lower	Upper
266	100		
264	60.2	49.3	73.9
268	64.0	49.0	73.4



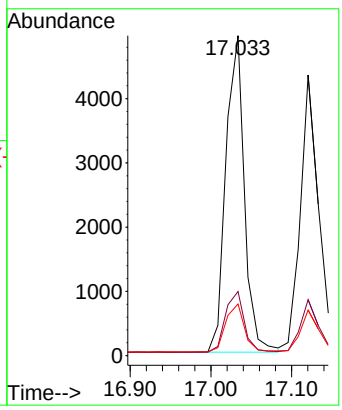


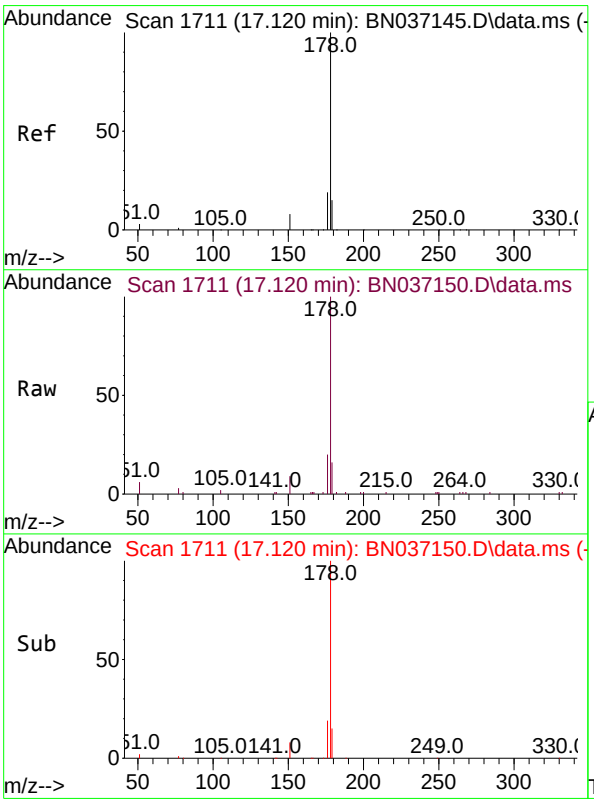
#25
Phenanthrene
Concen: 0.384 ng
RT: 17.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:178 Resp: 7869

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.7	12.3	18.5

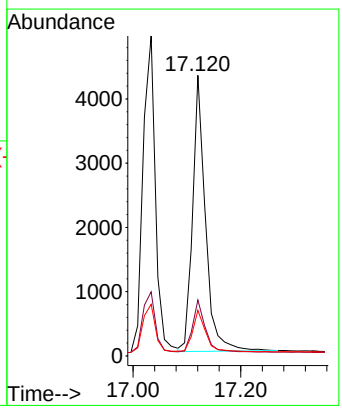


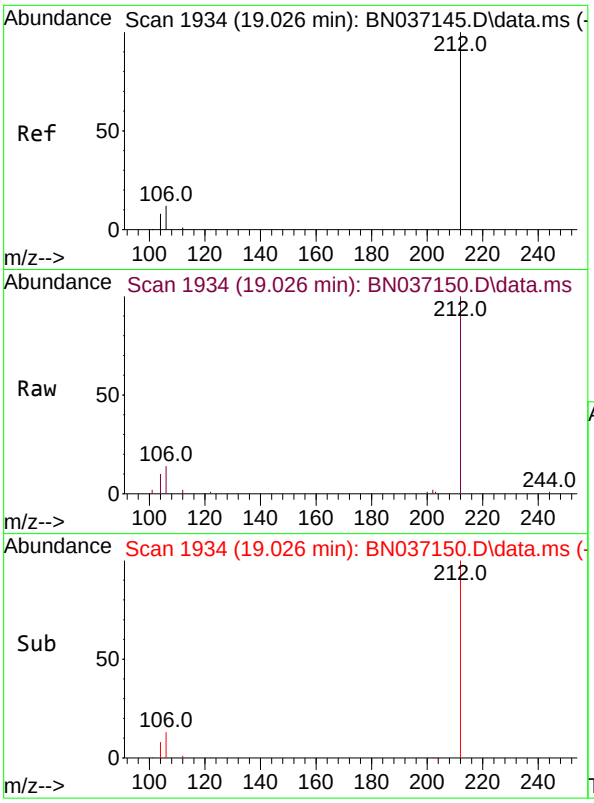


#26
Anthracene
Concen: 0.380 ng
RT: 17.120 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:178 Resp: 7105

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.9	19.3



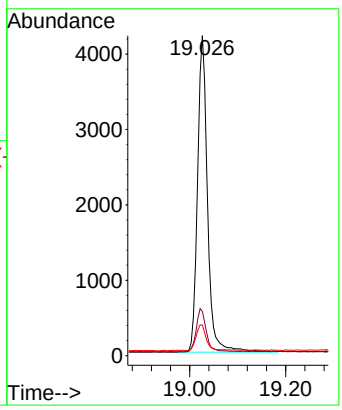


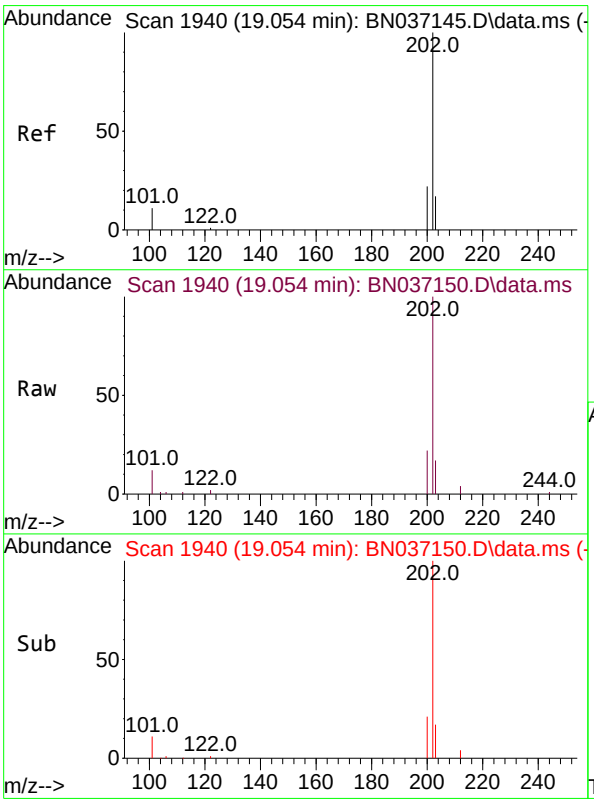
#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.026 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:212 Resp: 6037

Ion	Ratio	Lower	Upper
212	100		
106	13.7	10.6	15.8
104	8.2	6.6	9.8

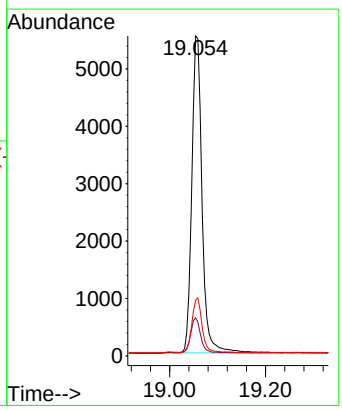


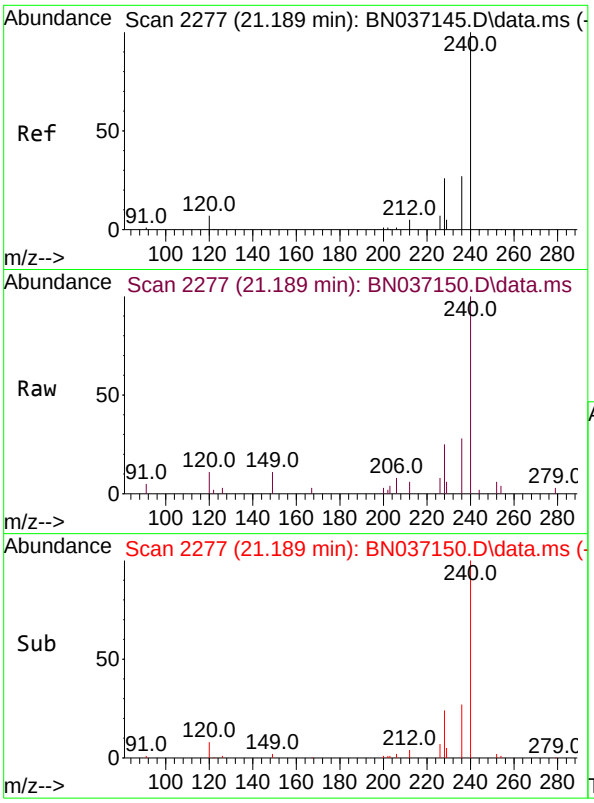


#28
Fluoranthene
Concen: 0.361 ng
RT: 19.054 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:202 Resp: 8186

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.7	13.1
203	16.7	13.5	20.3



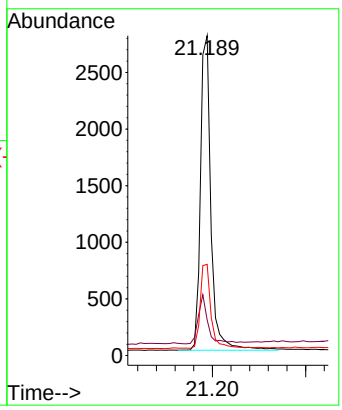


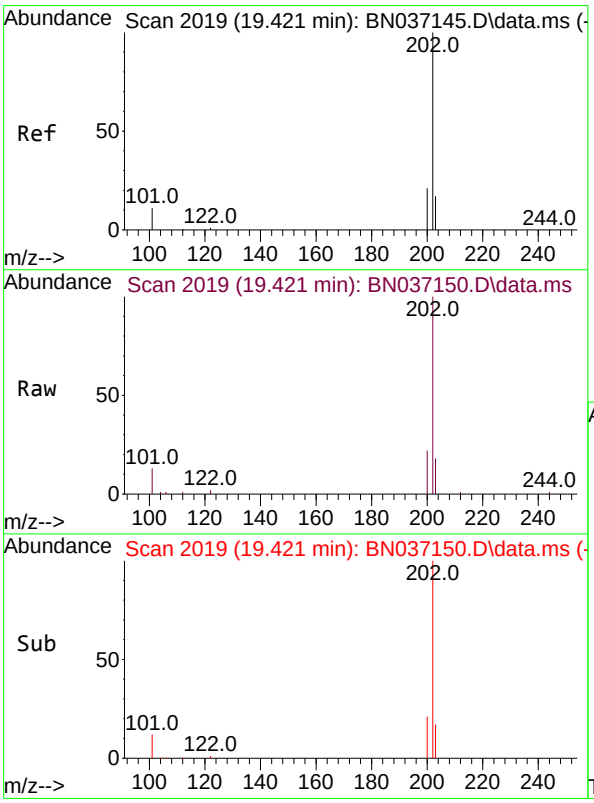
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:240 Resp: 4292

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	28.5	23.0	34.4

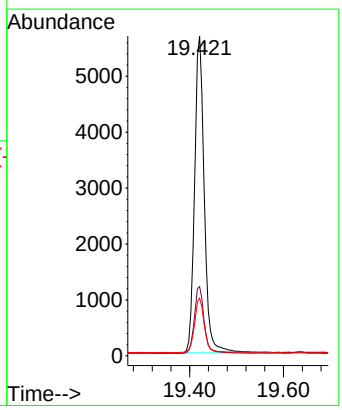


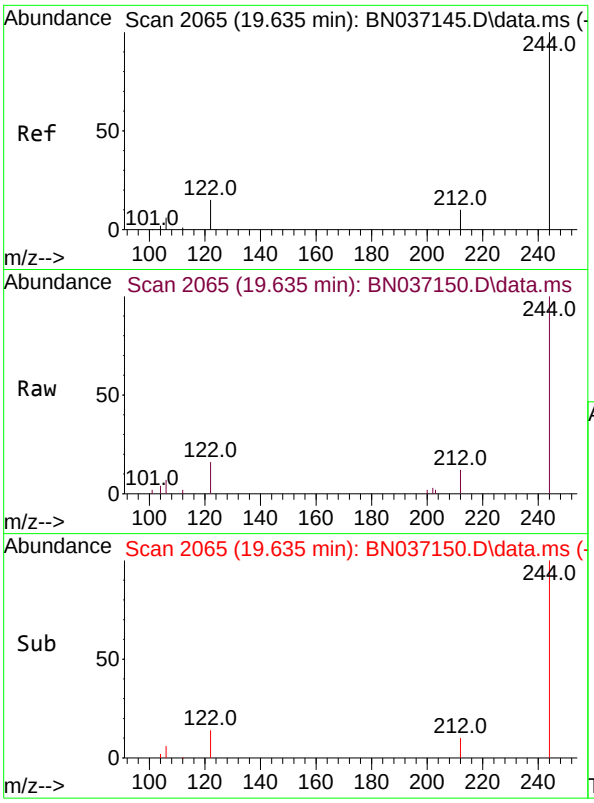


#30
Pyrene
Concen: 0.389 ng
RT: 19.421 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:202 Resp: 8148

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.3	14.2	21.4



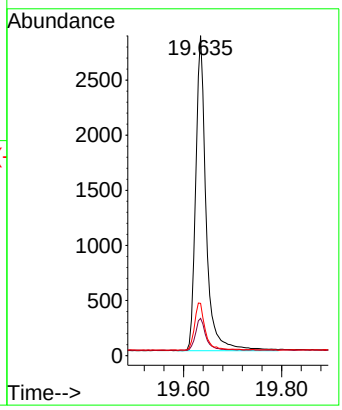


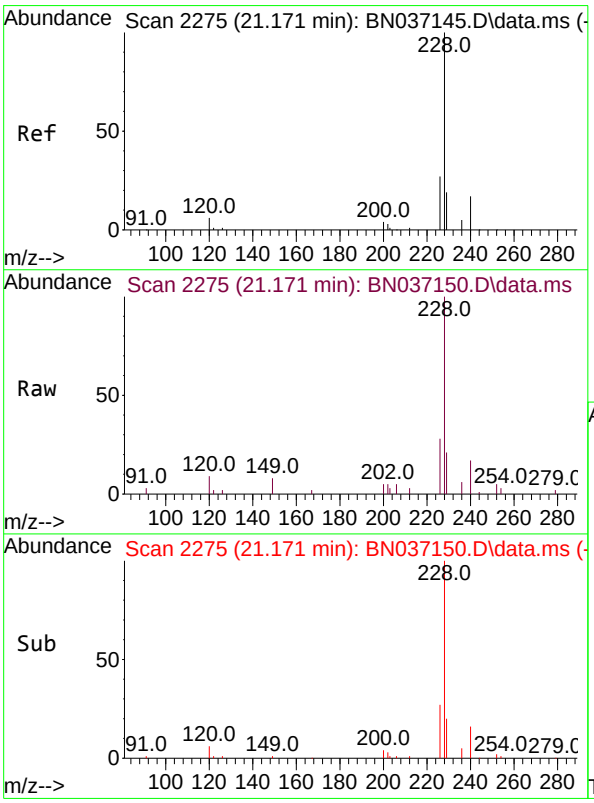
#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.635 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:244 Resp: 4196

Ion	Ratio	Lower	Upper
244	100		
212	11.6	10.0	15.0
122	16.3	13.2	19.8

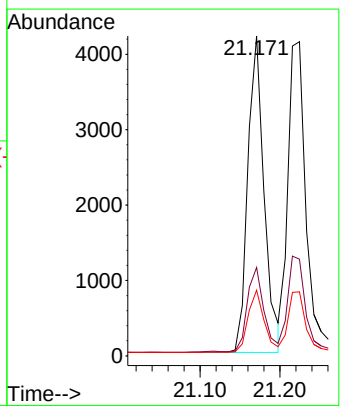


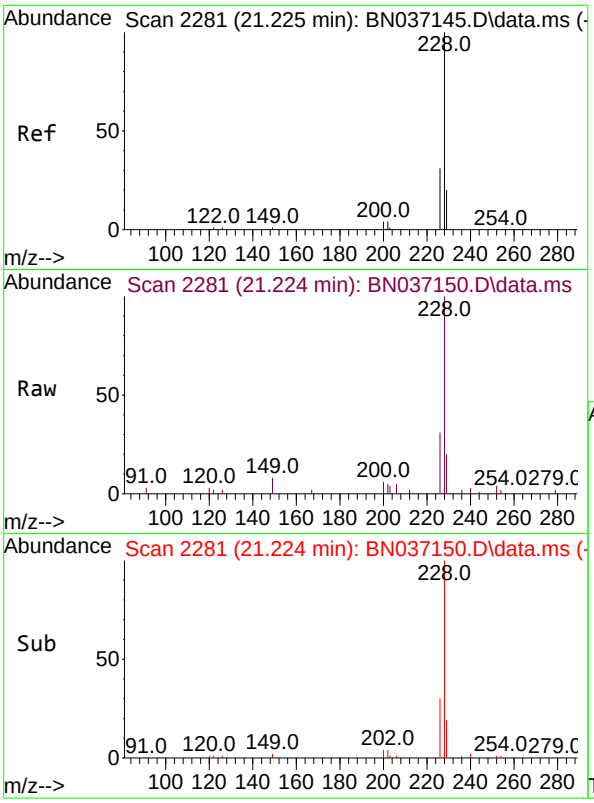


#32
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:228 Resp: 5949

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.5	16.2	24.2



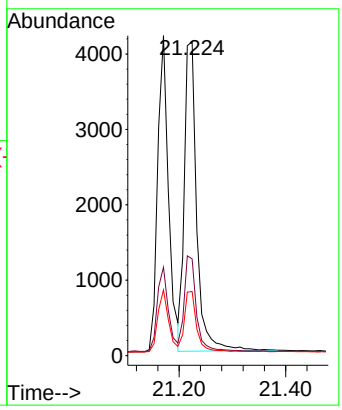


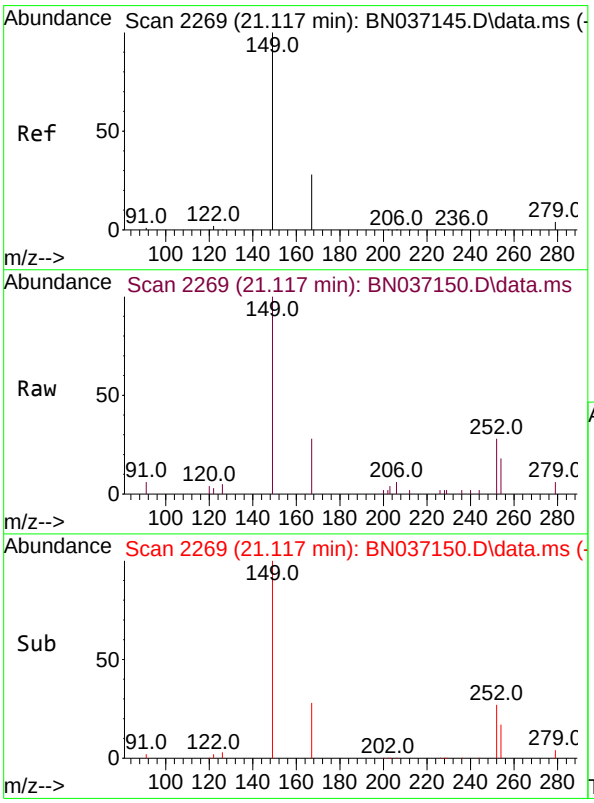
#33
Chrysene
Concen: 0.385 ng
RT: 21.224 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:228 Resp: 6661

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.2	37.8
229	20.4	16.8	25.2

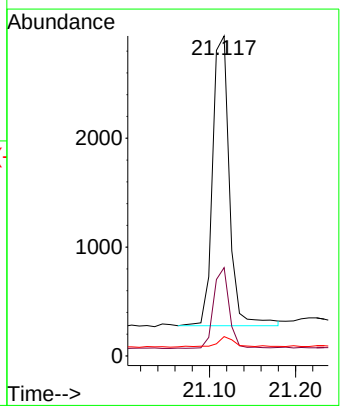


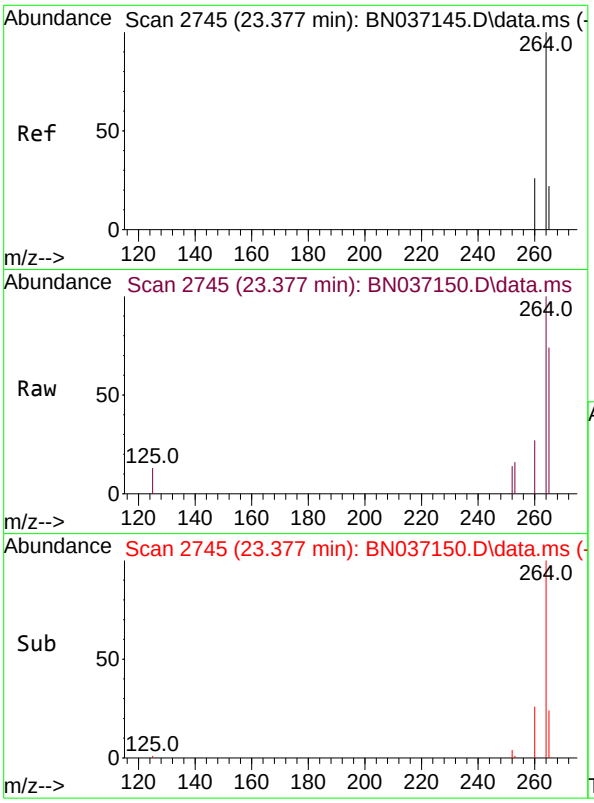


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.117 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:149 Resp: 3635

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.4
279	3.4	2.9	4.3



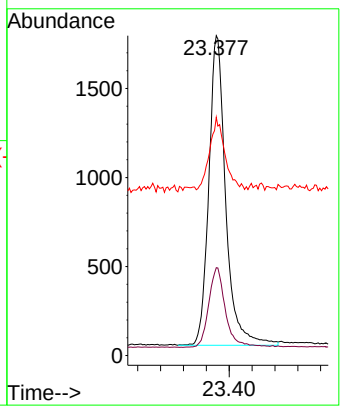


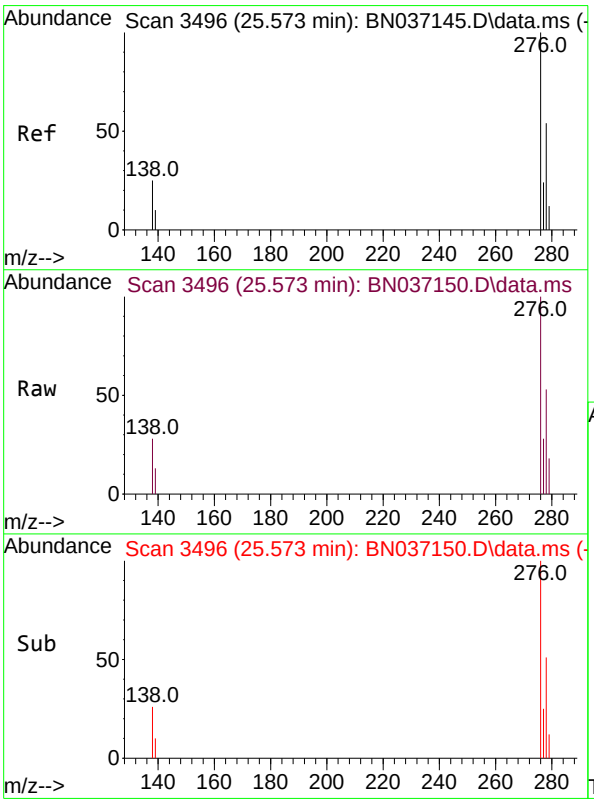
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:264 Resp: 3564

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.1	33.1
265	74.5	55.8	83.8

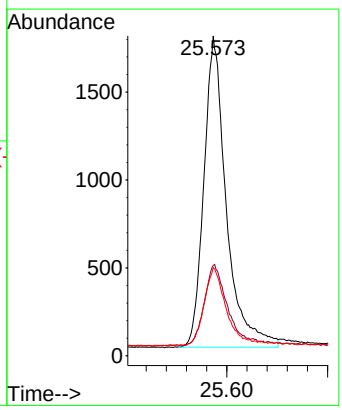


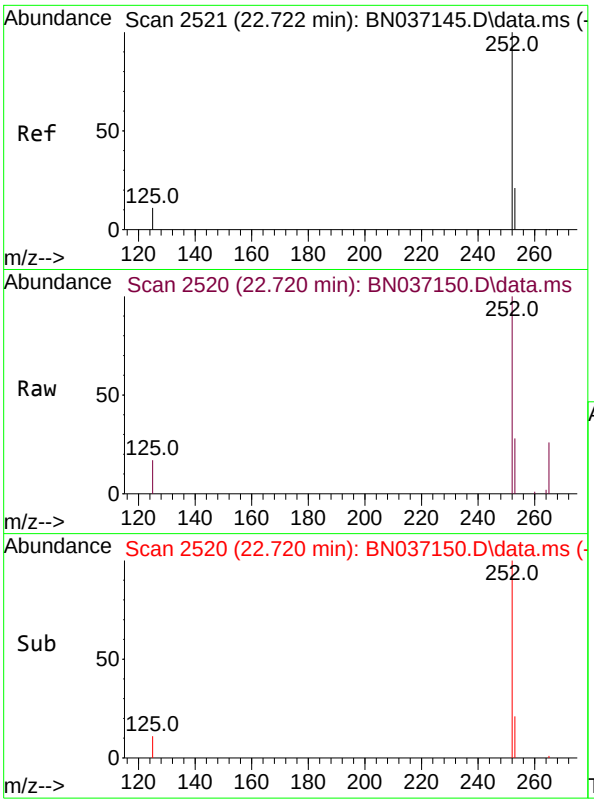


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 25.573 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:276 Resp: 5461

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.0	31.6
277	24.3	19.4	29.2



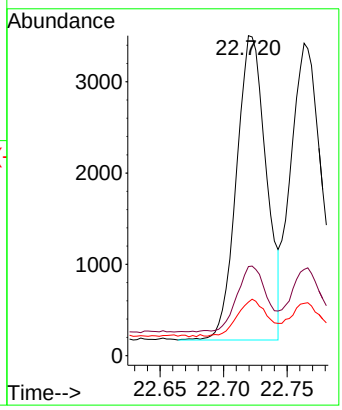


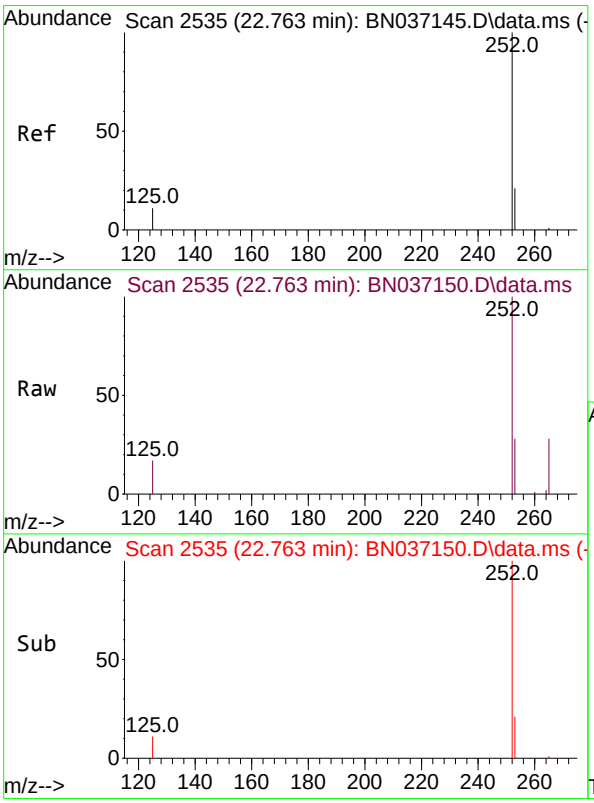
#37
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 22.720 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:252 Resp: 5432

Ion	Ratio	Lower	Upper
252	100		
253	27.8	22.3	33.5
125	16.7	13.2	19.8

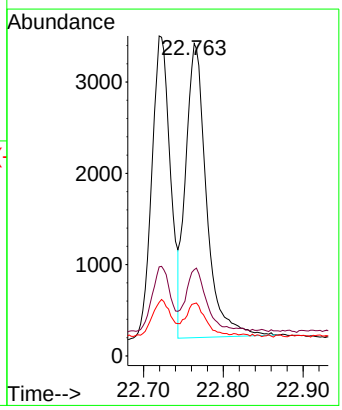


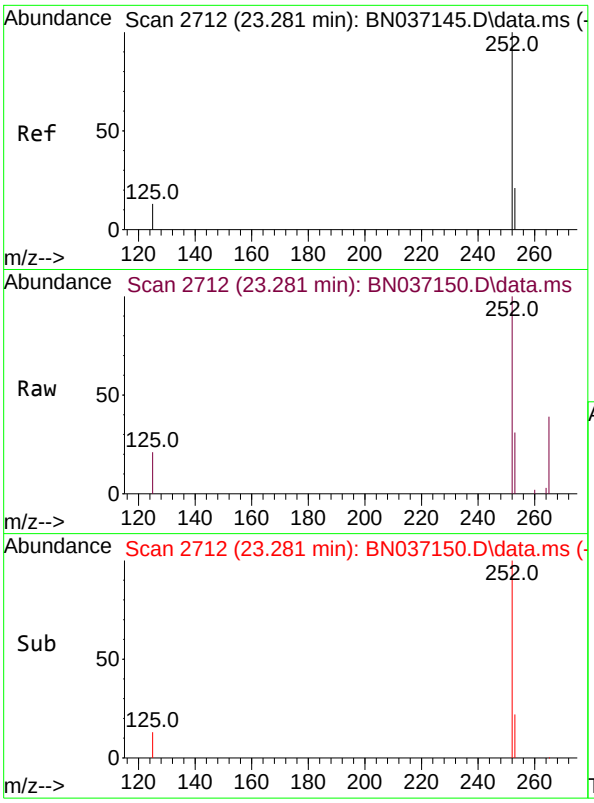


#38
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.763 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:252 Resp: 5859

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.2	33.4
125	16.7	13.2	19.8



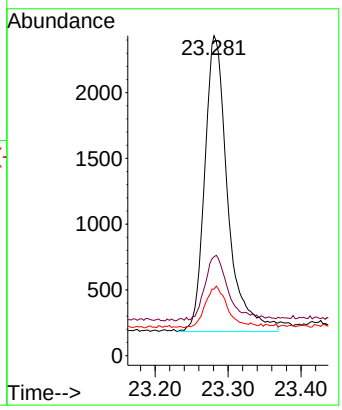


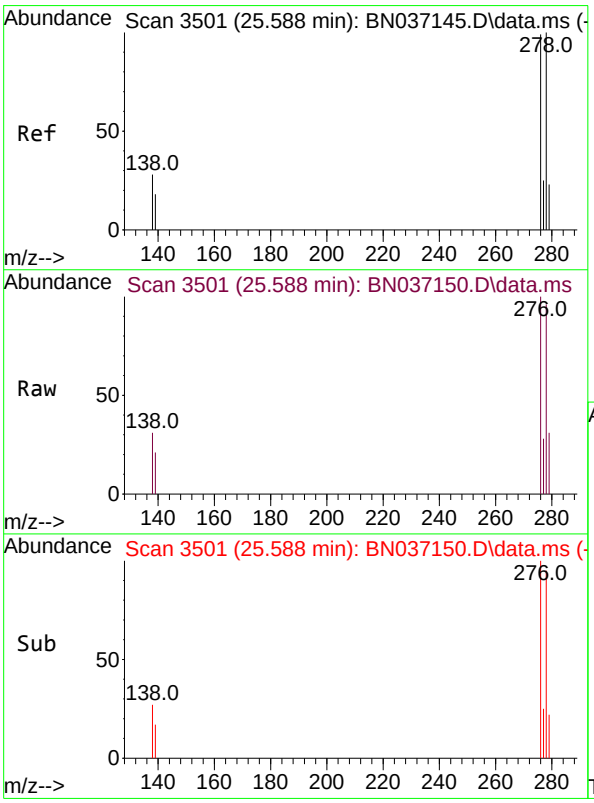
#39
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.281 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:252 Resp: 4925

Ion	Ratio	Lower	Upper
252	100		
253	30.9	25.0	37.4
125	20.8	17.0	25.6

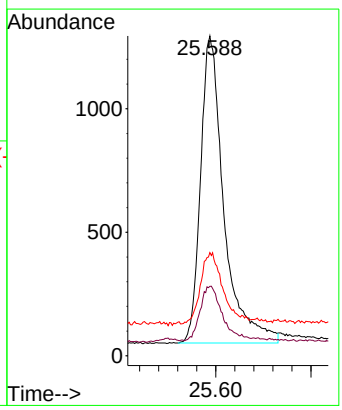


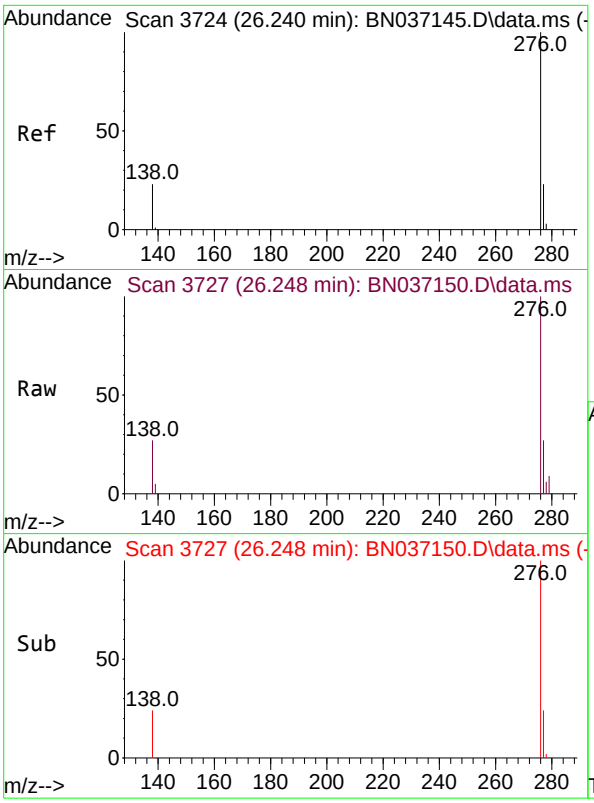


#40
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 25.588 min Scan# 3501
Delta R.T. -0.000 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Tgt Ion:278 Resp: 4227

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.6	26.4
279	32.3	26.0	39.0





#41
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 26.248 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN037150.D
Acq: 03 Jun 2025 15:53

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Tgt Ion:276 Resp: 4620

Ion	Ratio	Lower	Upper
276	100		
277	27.0	20.9	31.3
138	26.8	20.8	31.2