Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082825\
Data File : BN037652.D
Acq On : 28 Aug 2025 11:54
Operator : RC/JU
Sample : PB169421BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Quant Time: Aug 28 12:22:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	2769	0.400	ng		0.00
7) Naphthalene-d8	10.488	136	6405	0.400	ng		-0.01
13) Acenaphthene-d10	14.345	164	2792	0.400	ng		0.00
19) Phenanthrene-d10	17.087	188	4991	0.400	ng		0.00
29) Chrysene-d12	21.268	240	3590	0.400	ng		0.00
35) Perylene-d12	23.496	264	3204	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1994	0.318	ng		0.00
5) Phenol-d6	6.872	99	2198	0.291	ng		0.00
8) Nitrobenzene-d5	8.843	82	1607	0.356	ng		-0.01
11) 2-Methylnaphthalene-d10	12.081	152	2833	0.325	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	372	0.304	ng		0.00
15) 2-Fluorobiphenyl	12.968	172	6111	0.378	ng		0.00
27) Fluoranthene-d10	19.113	212	3719	0.283	ng		0.00
31) Terphenyl-d14	19.717	244	2658	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	799	0.302	ng	#	75
3) n-Nitrosodimethylamine	3.536	42	1167	0.345	ng		97
6) bis(2-Chloroethyl)ether	7.132	93	2254	0.331	ng		96
9) Naphthalene	10.541	128	5529	0.324	ng		99
10) Hexachlorobutadiene	10.840	225	1461	0.351	ng	#	100
12) 2-Methylnaphthalene	12.157	142	2982	0.279	ng		99
16) Acenaphthylene	14.056	152	4487	0.359	ng		100
17) Acenaphthene	14.398	154	2726	0.320	ng		99
18) Fluorene	15.393	166	3517	0.316	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	194	0.395	ng		94
21) 4-Bromophenyl-phenylether	16.280	248	1025	0.327	ng	#	88
22) Hexachlorobenzene	16.391	284	1647	0.370	ng		97
23) Atrazine	16.553	200	646	0.364	ng		95
24) Pentachlorophenol	16.739	266	833	0.533	ng		99
25) Phenanthrene	17.124	178	4916	0.324	ng		99
26) Anthracene	17.211	178	4311	0.321	ng		100
28) Fluoranthene	19.141	202	4833	0.277	ng		99
30) Pyrene	19.503	202	4645	0.346	ng		99
32) Benzo(a)anthracene	21.250	228	4093	0.341	ng		99
33) Chrysene	21.295	228	4542	0.340	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	1759	0.355	ng		99
36) Indeno(1,2,3-cd)pyrene	25.750	276	4546	0.337	ng		99
37) Benzo(b)fluoranthene	22.824	252	4267	0.351	ng		94
38) Benzo(k)fluoranthene	22.867	252	4412	0.322	ng		94
39) Benzo(a)pyrene	23.397	252	3577	0.355	ng	#	91
40) Dibenzo(a,h)anthracene	25.768	278	3387	0.323	ng		95
41) Benzo(g,h,i)perylene	26.431	276	4128	0.374	ng		97

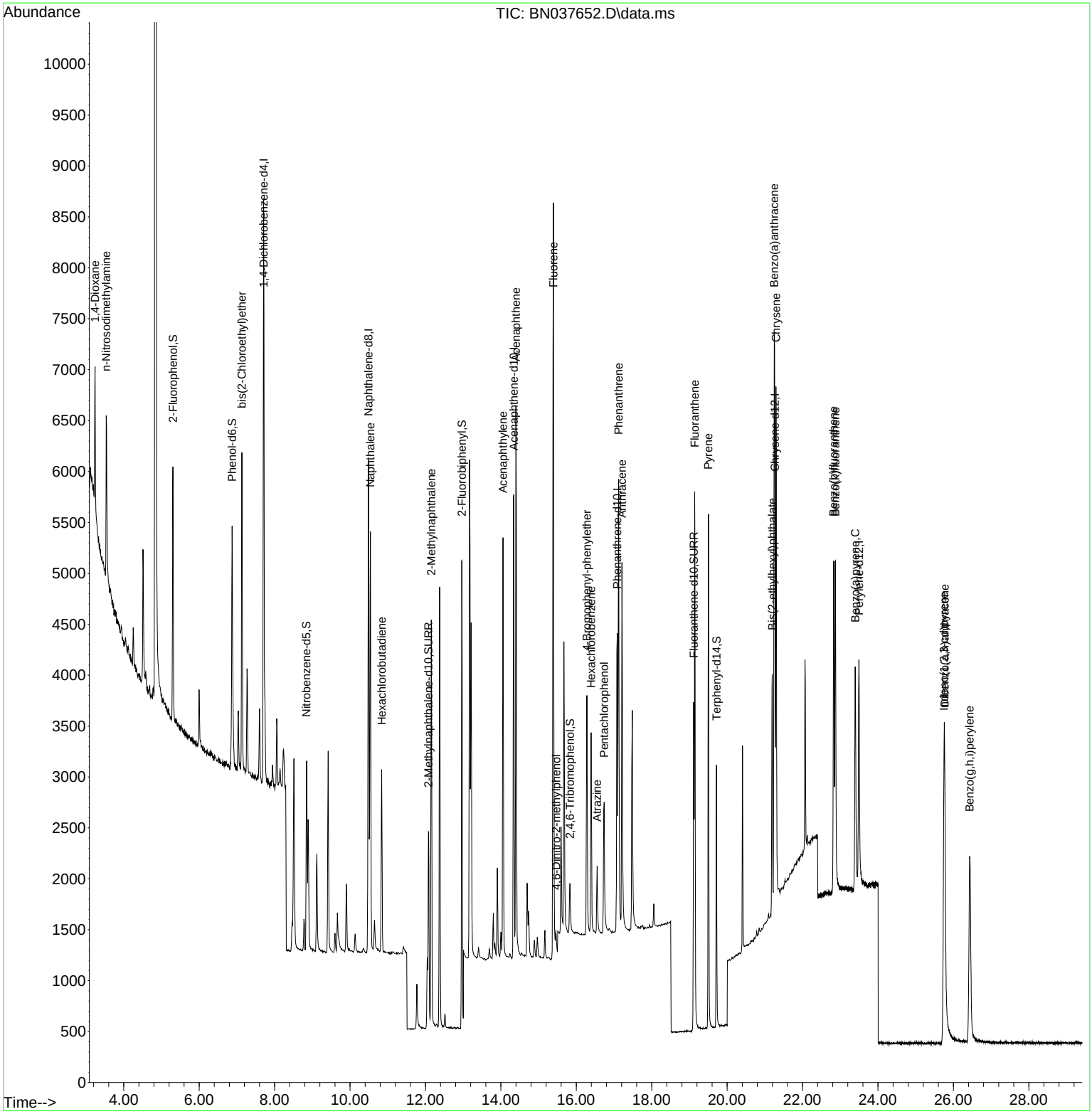
(#) = qualifier out of range (m) = manual integration (+) = signals summed

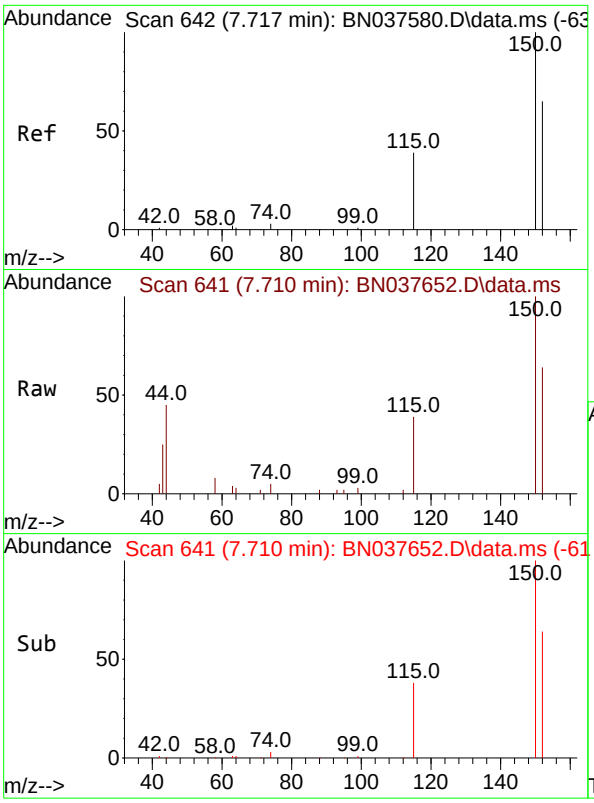
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082825\
Data File : BN037652.D
Acq On : 28 Aug 2025 11:54
Operator : RC/JU
Sample : PB169421BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Quant Time: Aug 28 12:22:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



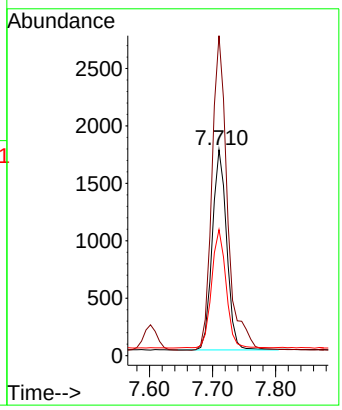


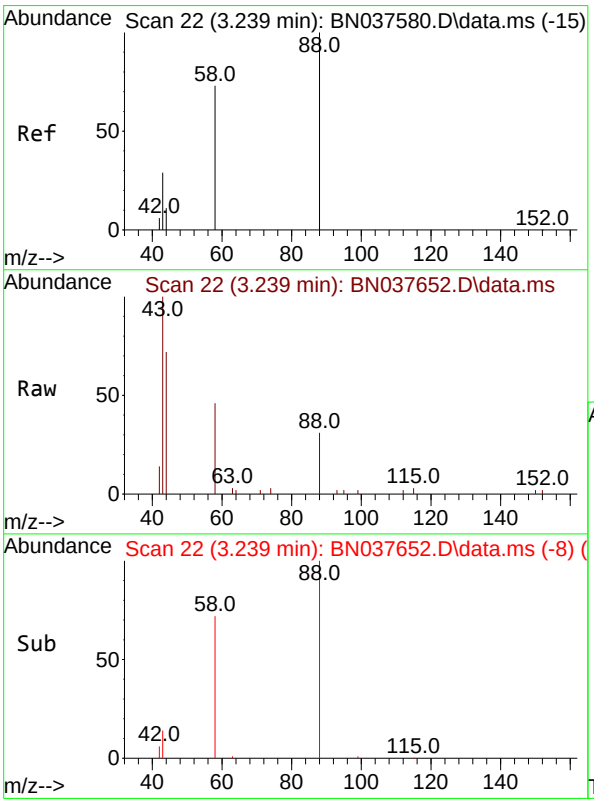
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:152 Resp: 2769

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.2	183.4
115	61.2	49.8	74.6

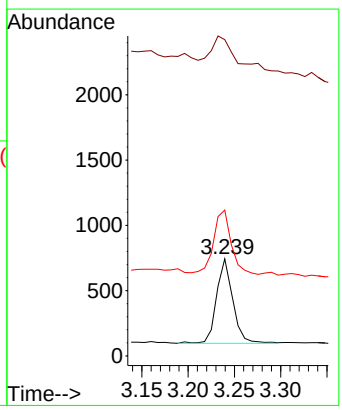


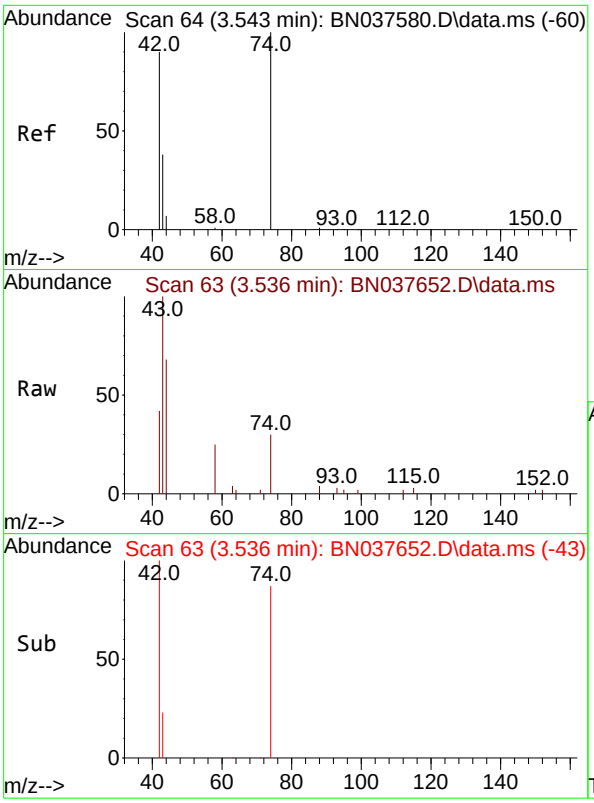


#2
1,4-Dioxane
Concen: 0.302 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion: 88 Resp: 799

Ion	Ratio	Lower	Upper
88	100		
43	72.1	25.8	38.6#
58	81.7	61.2	91.8



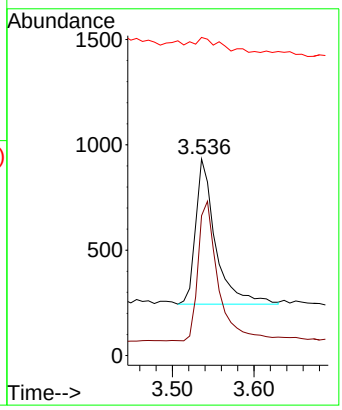


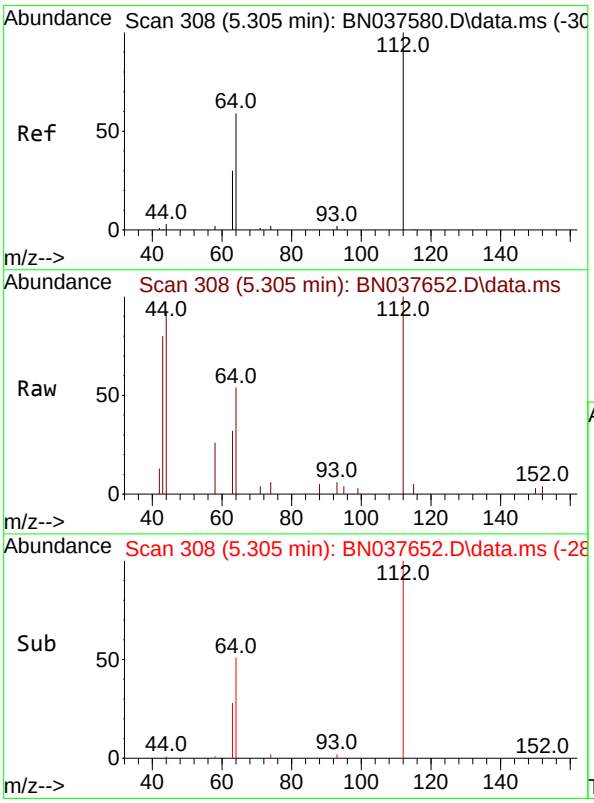
#3
n-Nitrosodimethylamine
Concen: 0.345 ng
RT: 3.536 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion: 42 Resp: 1167

Ion	Ratio	Lower	Upper
42	100		
74	99.9	82.0	123.0
44	11.1	7.9	11.9

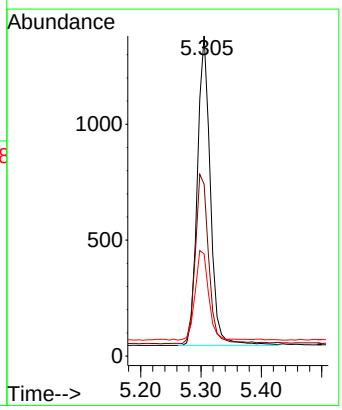


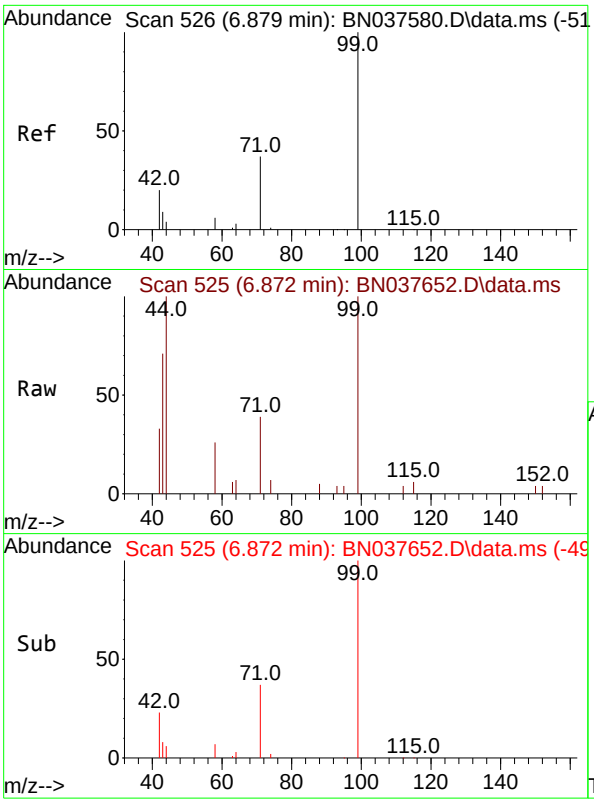


#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:112 Resp: 1994

Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.9	67.3
63	30.1	23.4	35.2



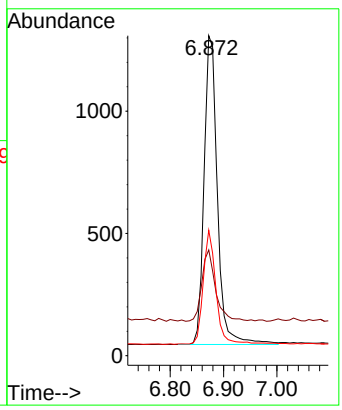


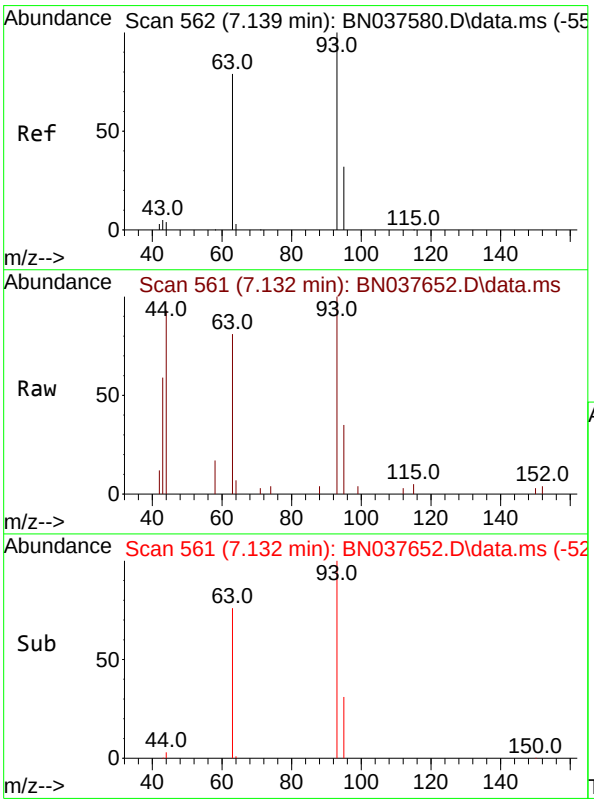
#5
Phenol-d6
Concen: 0.291 ng
RT: 6.872 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion: 99 Resp: 2198

Ion	Ratio	Lower	Upper
99	100		
42	23.7	18.5	27.7
71	35.0	28.6	42.8

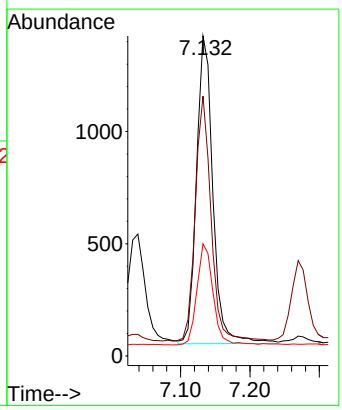


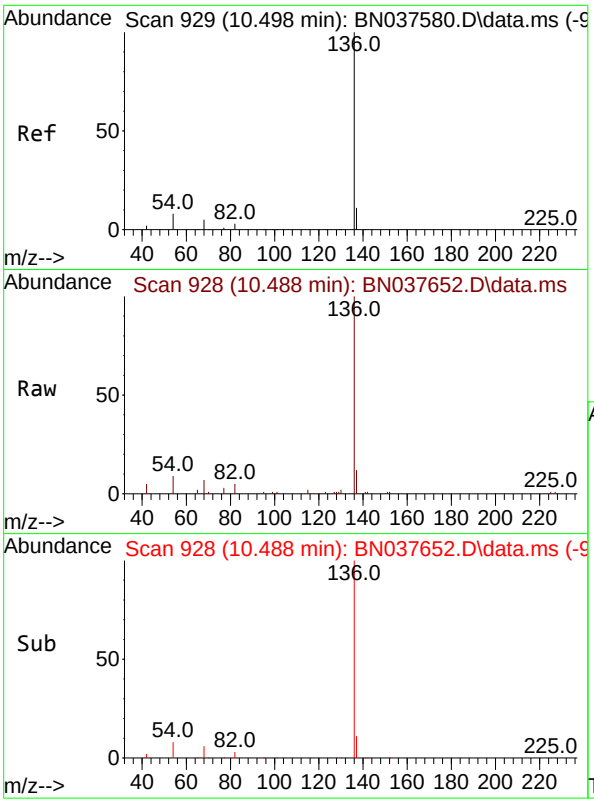


#6
bis(2-Chloroethyl)ether
Concen: 0.331 ng
RT: 7.132 min Scan# 561
Delta R.T. -0.007 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion: 93 Resp: 2254

Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.0	87.0
95	32.3	24.9	37.3



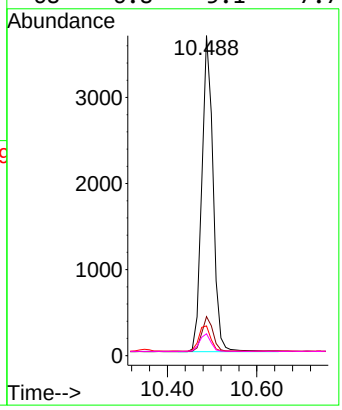


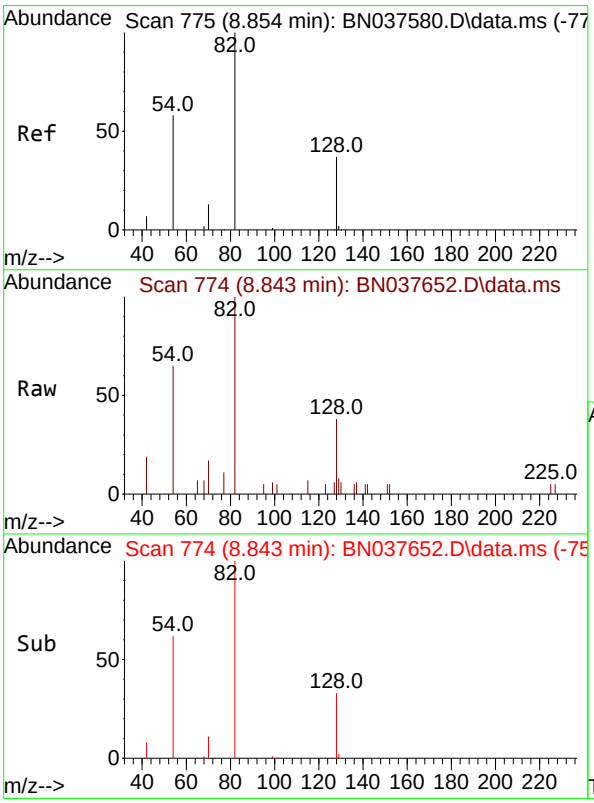
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:136 Resp: 6405

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	9.3	7.3	10.9
68	6.8	5.1	7.7

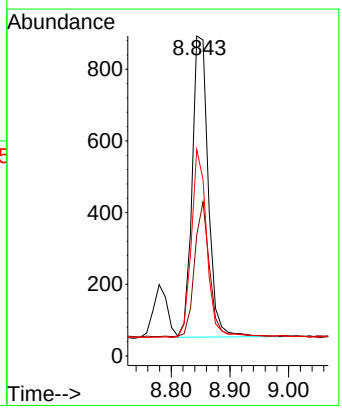


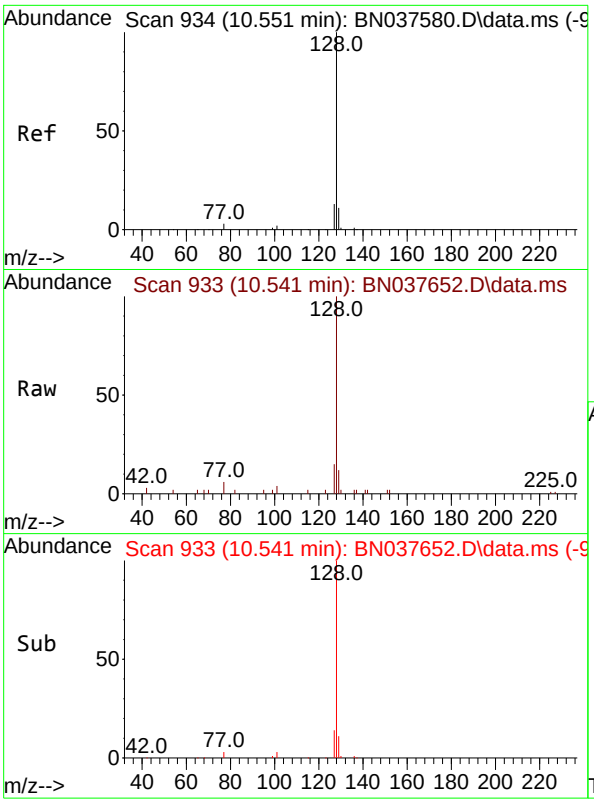


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.010 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion: 82 Resp: 1607

Ion	Ratio	Lower	Upper
82	100		
128	37.8	32.6	48.8
54	64.5	48.9	73.3



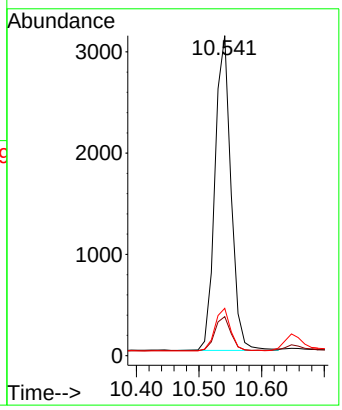


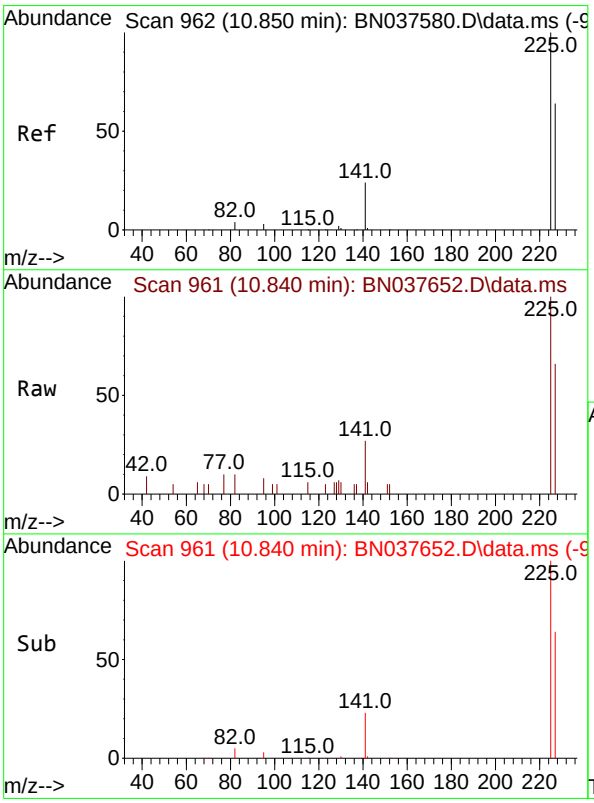
#9
Naphthalene
Concen: 0.324 ng
RT: 10.541 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:128 Resp: 5529

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.8	11.5	17.3

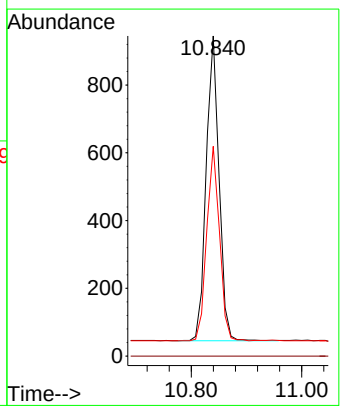


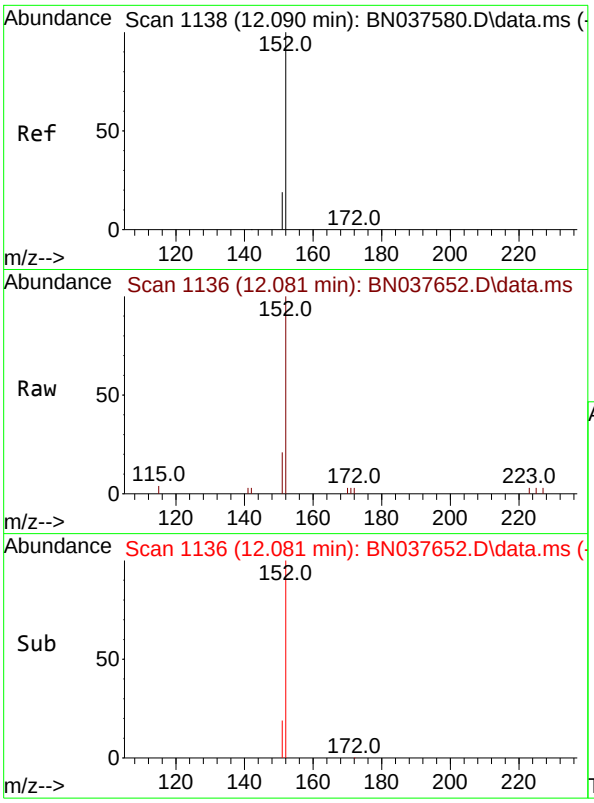


#10
Hexachlorobutadiene
Concen: 0.351 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.010 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:225 Resp: 1461

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.8	76.2



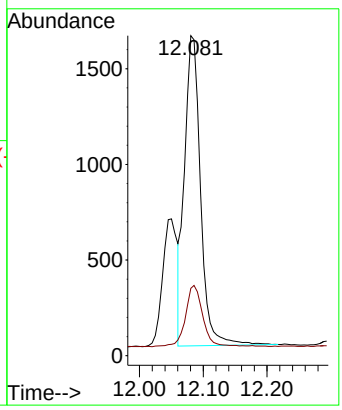


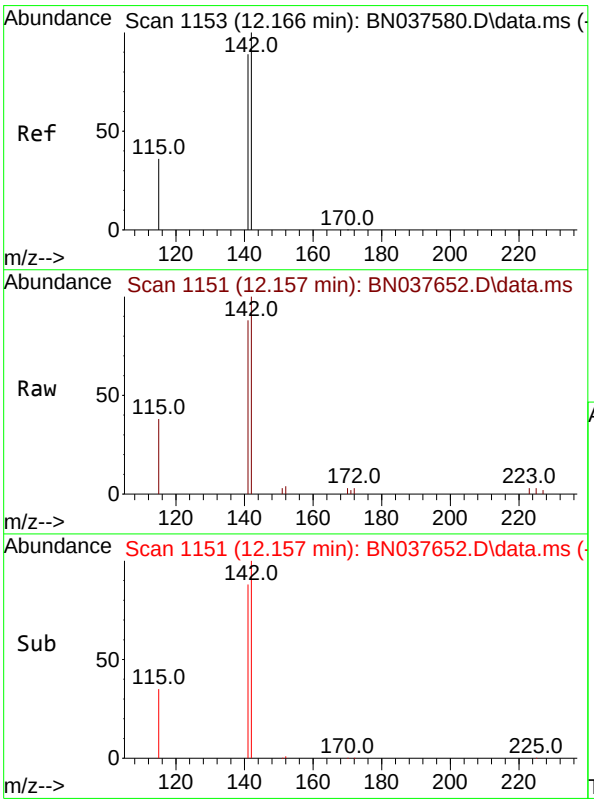
#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.081 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:152 Resp: 2833

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9

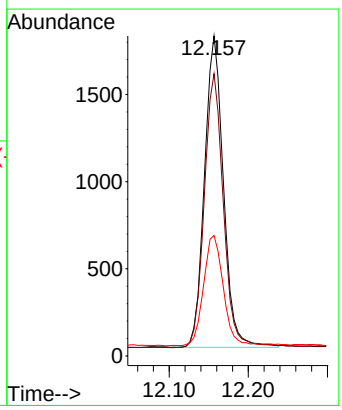


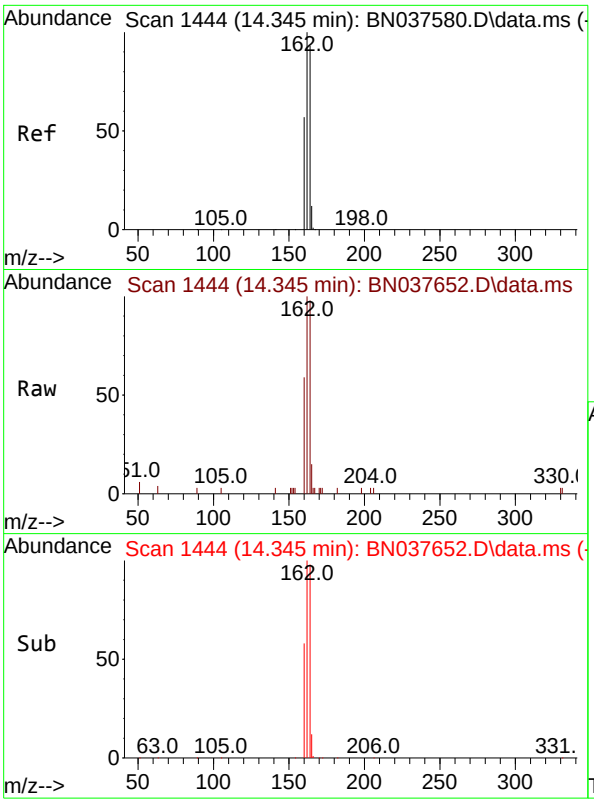


#12
2-Methylnaphthalene
Concen: 0.279 ng
RT: 12.157 min Scan# 1151
Delta R.T. -0.010 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:142 Resp: 2982

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	37.6	30.2	45.4



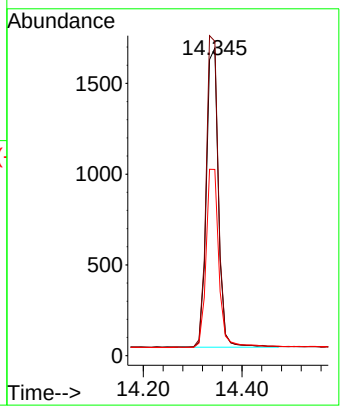


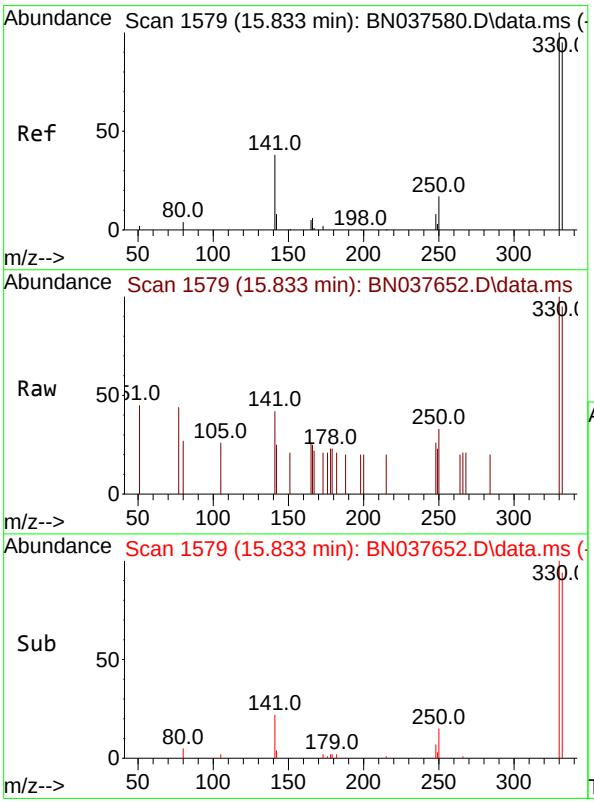
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:164 Resp: 2792

Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.5	128.3
160	60.6	49.5	74.3

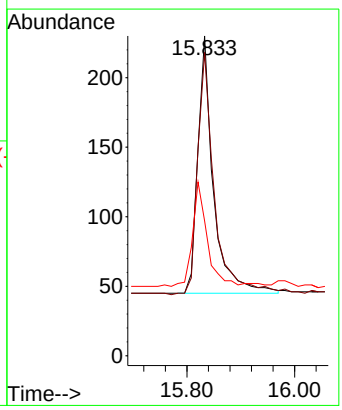


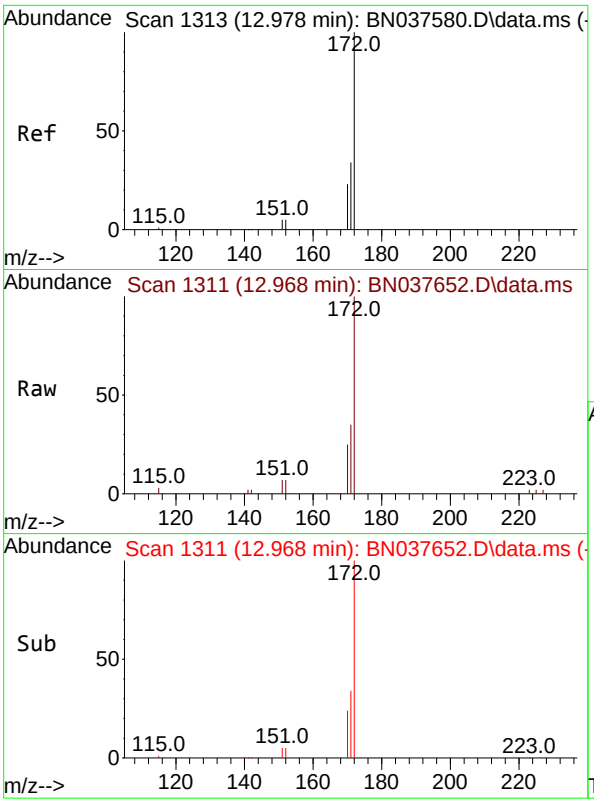


#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:330 Resp: 372

Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.4	116.0
141	38.2	30.9	46.3



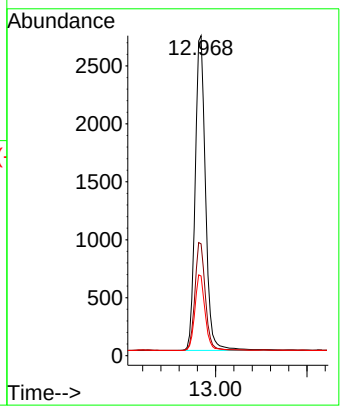


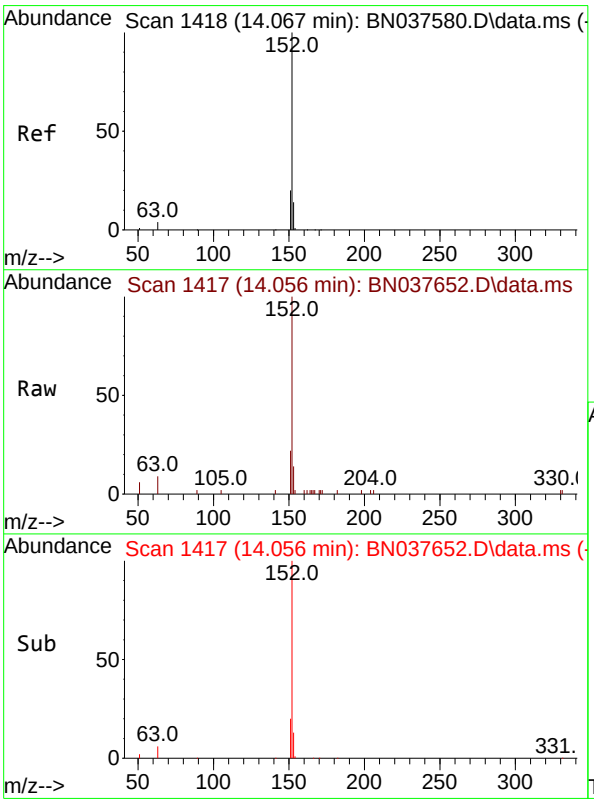
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.968 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:172 Resp: 6111

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	24.9	19.2	28.8

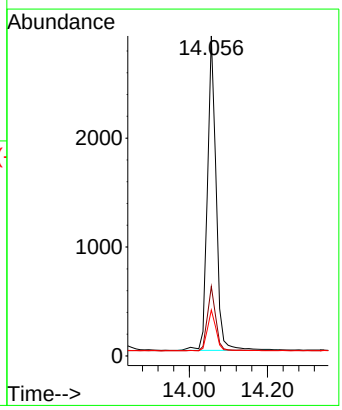


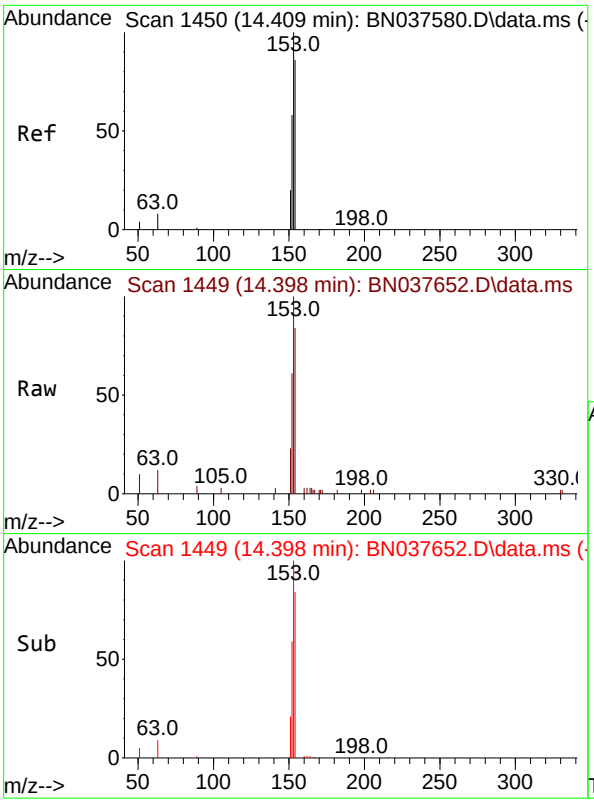


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.056 min Scan# 1417
Delta R.T. -0.010 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:152 Resp: 4487

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.3	10.7	16.1



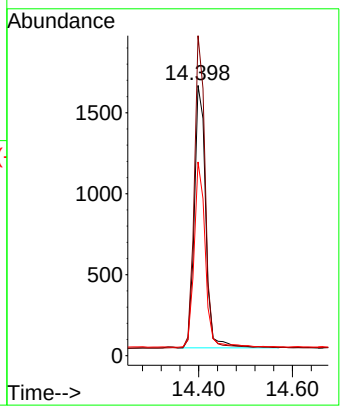


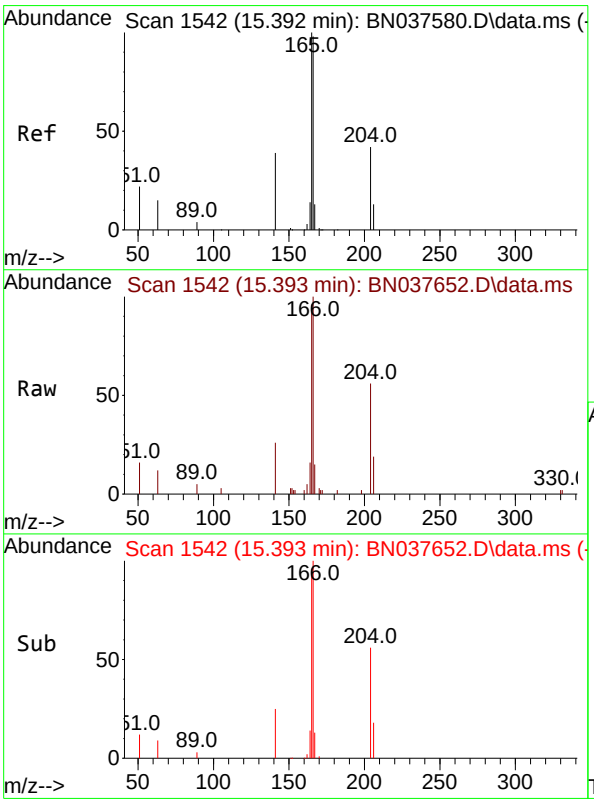
#17
Acenaphthene
Concen: 0.320 ng
RT: 14.398 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:154 Resp: 2726

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.6	135.8
152	69.2	54.9	82.3

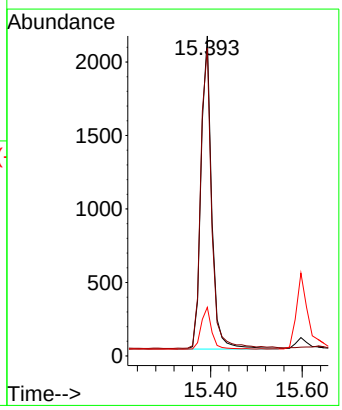


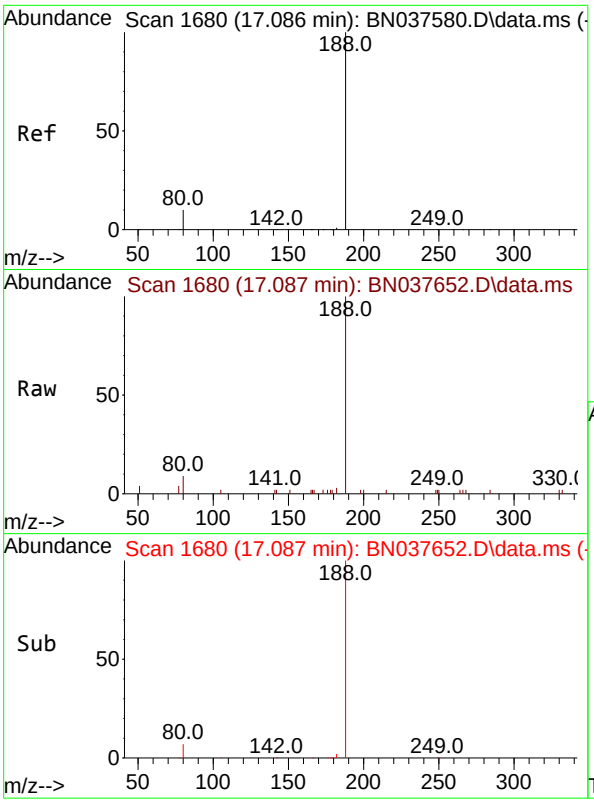


#18
Fluorene
Concen: 0.316 ng
RT: 15.393 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:166 Resp: 3517

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.9	118.3
167	13.1	10.7	16.1



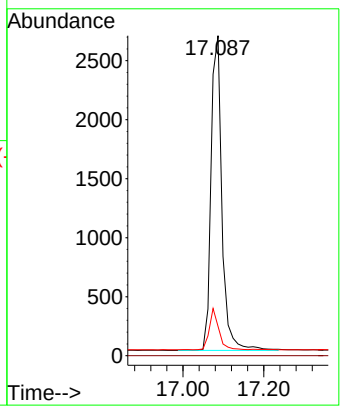


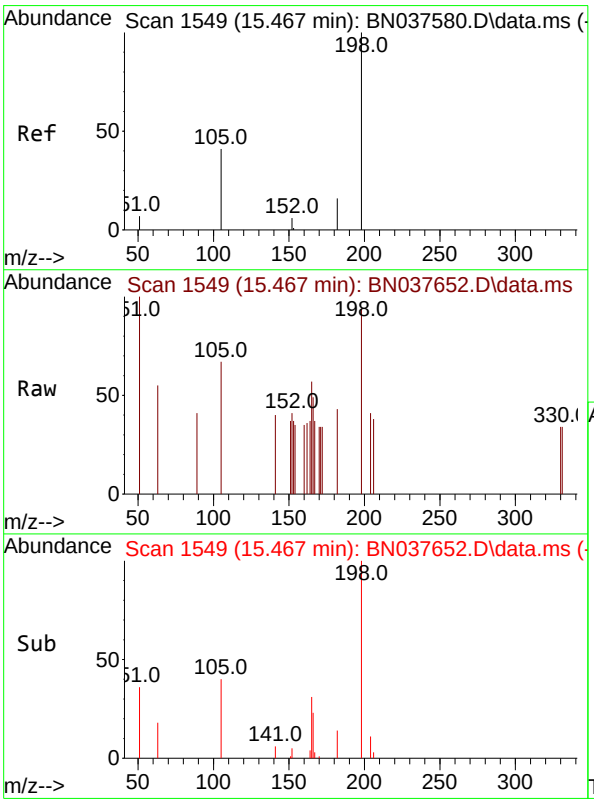
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:188 Resp: 4991

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	9.1	13.7

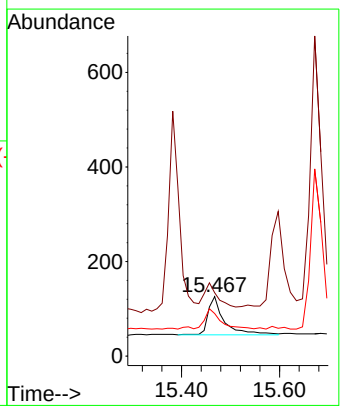


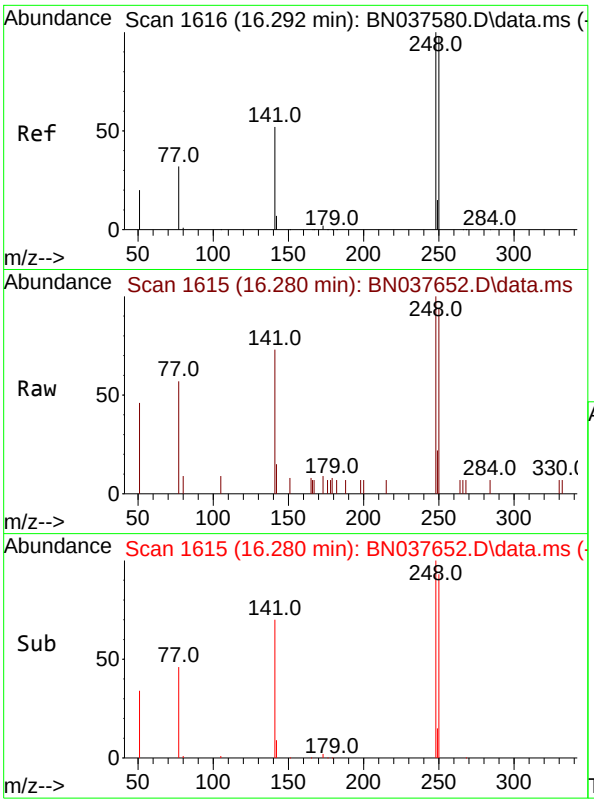


#20
4,6-Dinitro-2-methylphenol
Concen: 0.395 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:198 Resp: 194

Ion	Ratio	Lower	Upper
198	100		
51	106.3	81.0	121.6
105	71.4	52.5	78.7



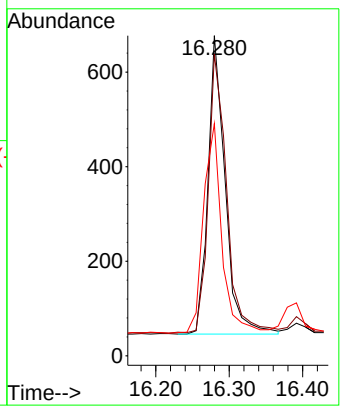


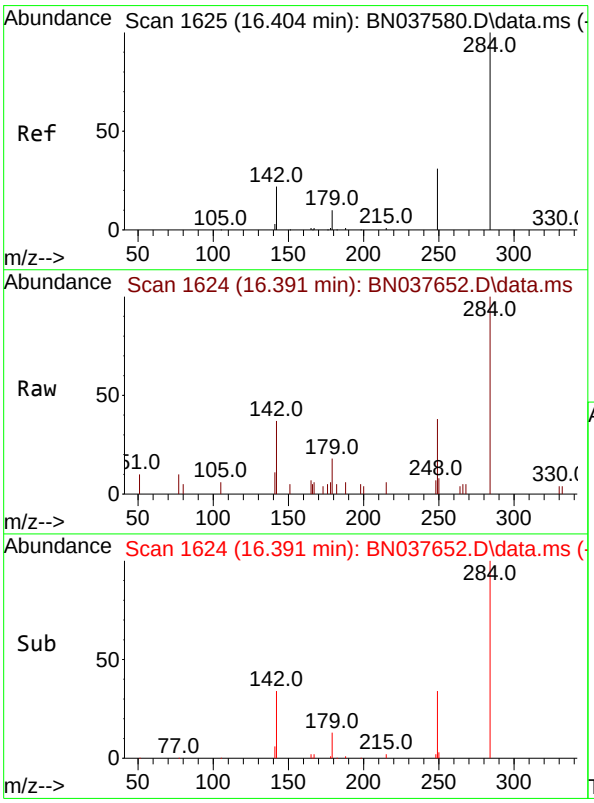
#21
4-Bromophenyl-phenylether
Concen: 0.327 ng
RT: 16.280 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:248 Resp: 1025

Ion	Ratio	Lower	Upper
248	100		
250	94.2	78.6	118.0
141	72.5	43.7	65.5#

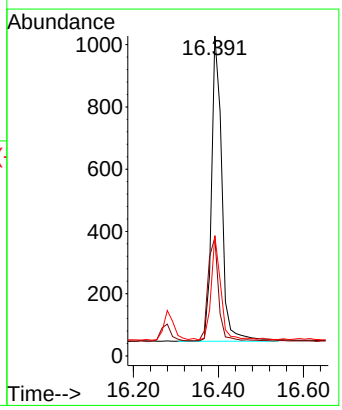


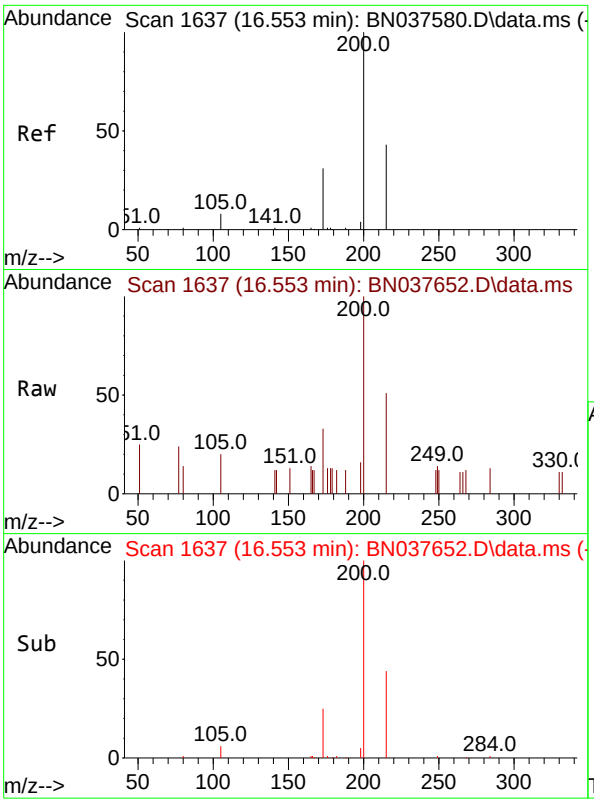


#22
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.391 min Scan# 1624
Delta R.T. -0.013 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:284 Resp: 1647

Ion	Ratio	Lower	Upper
284	100		
142	35.0	29.8	44.6
249	31.3	26.0	39.0



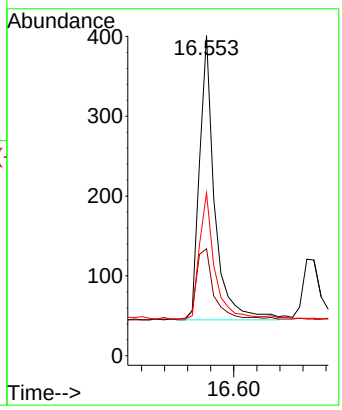


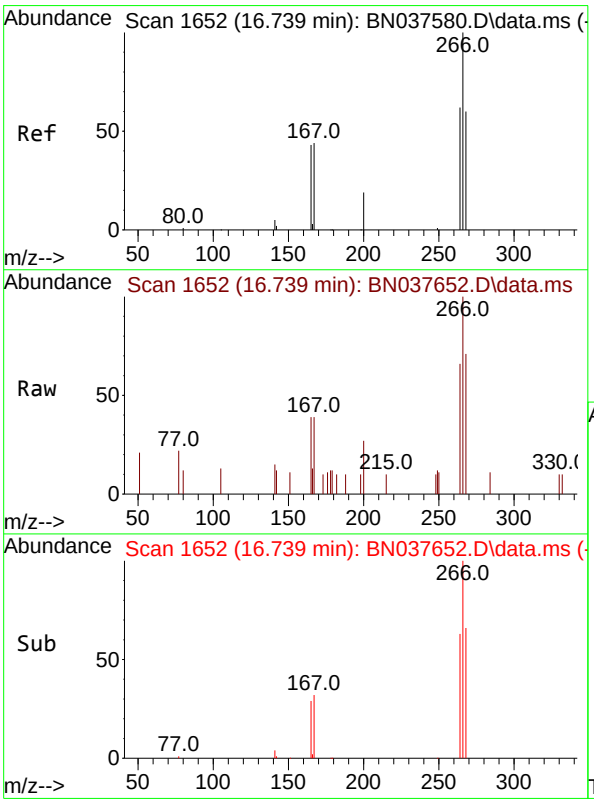
#23
Atrazine
Concen: 0.364 ng
RT: 16.553 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:200 Resp: 646

Ion	Ratio	Lower	Upper
200	100		
173	33.4	31.0	46.4
215	50.9	39.4	59.0

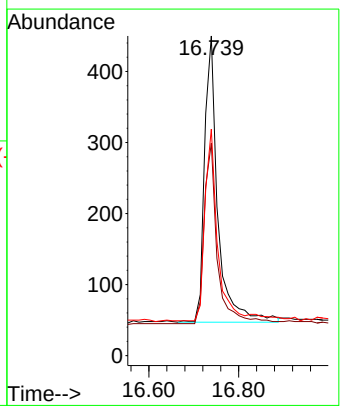


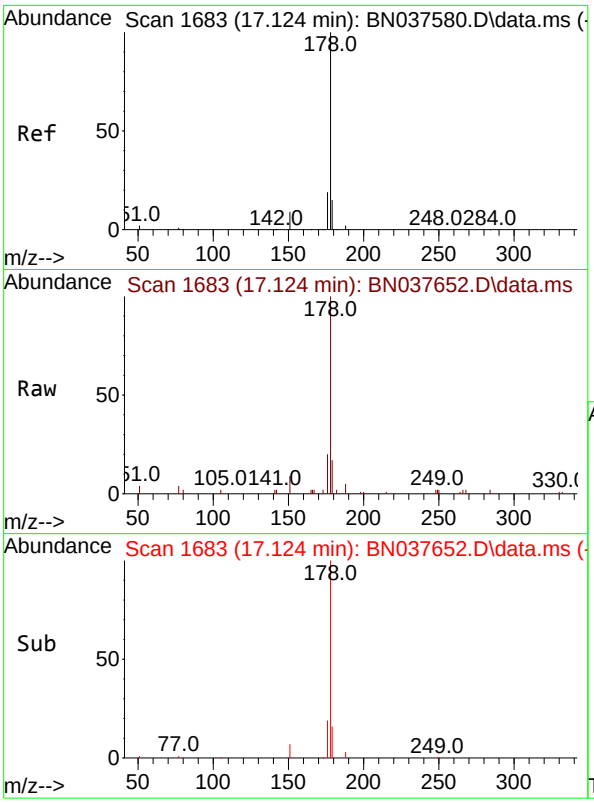


#24
Pentachlorophenol
Concen: 0.533 ng
RT: 16.739 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:266 Resp: 833

Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.6	74.4
268	62.1	49.2	73.8



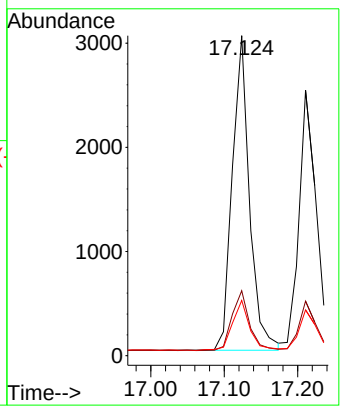


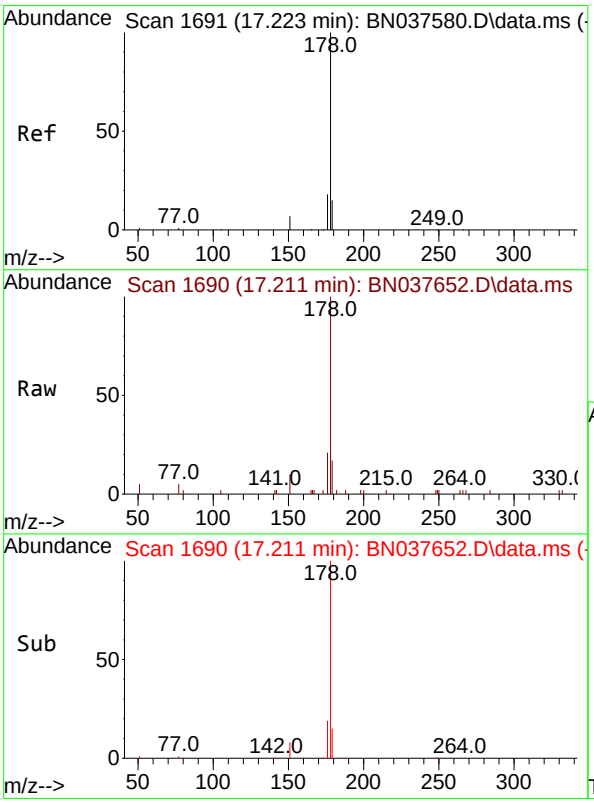
#25
Phenanthrene
Concen: 0.324 ng
RT: 17.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:178 Resp: 4916

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	15.8	12.3	18.5

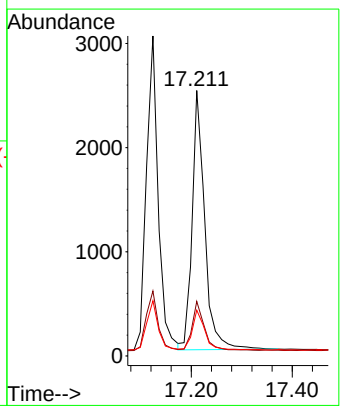


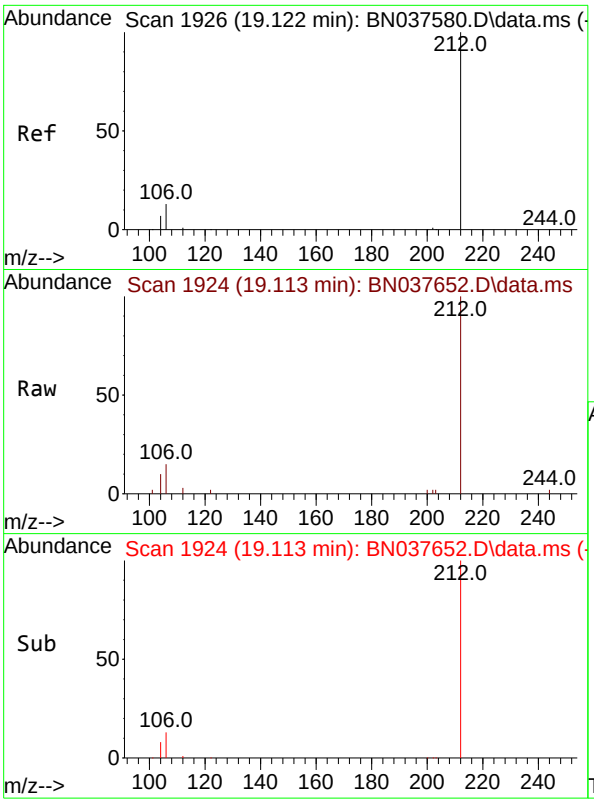


#26
Anthracene
Concen: 0.321 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:178 Resp: 4311

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.7	12.3	18.5



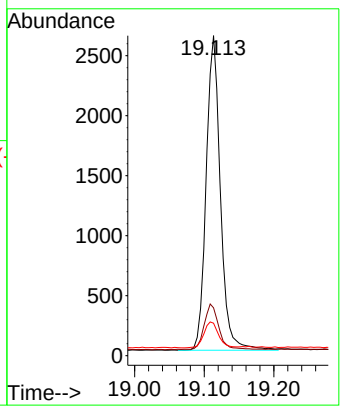


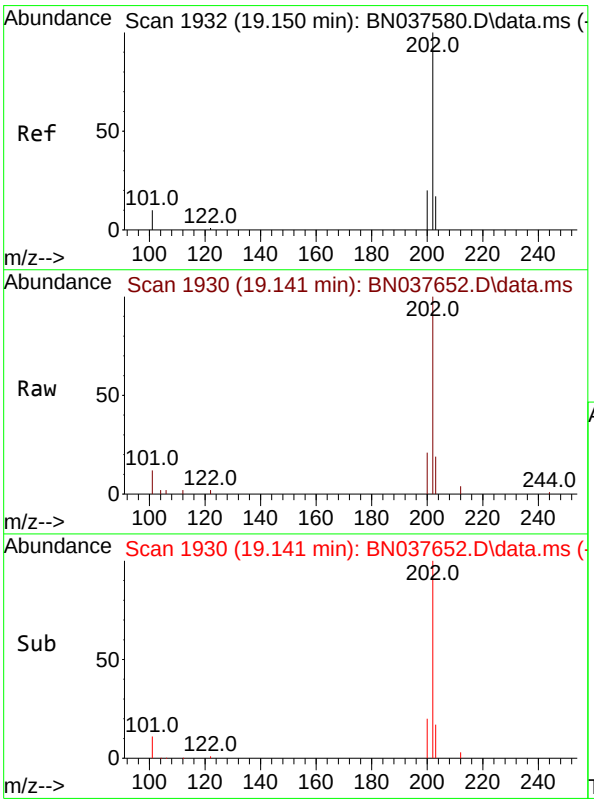
#27
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.113 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:212 Resp: 3719

Ion	Ratio	Lower	Upper
212	100		
106	15.2	11.5	17.3
104	8.6	6.6	9.8

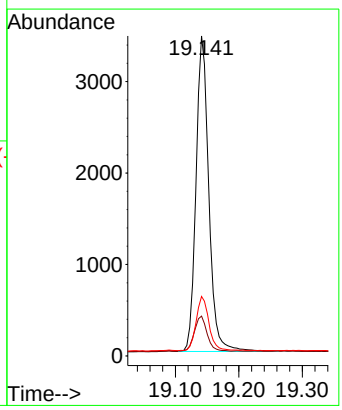


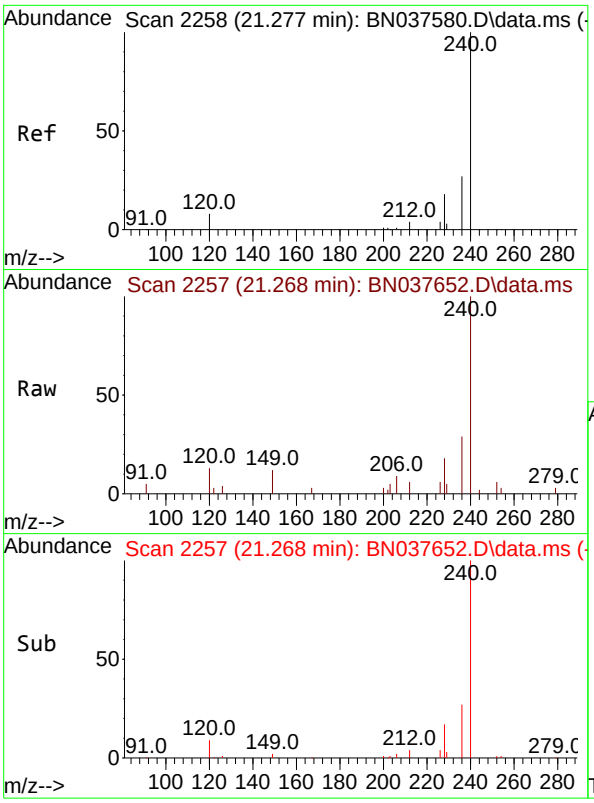


#28
Fluoranthene
Concen: 0.277 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:202 Resp: 4833

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.0	13.6
203	17.2	13.8	20.8



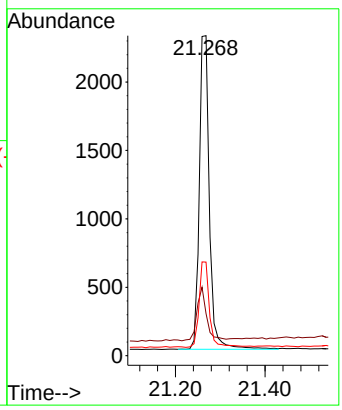


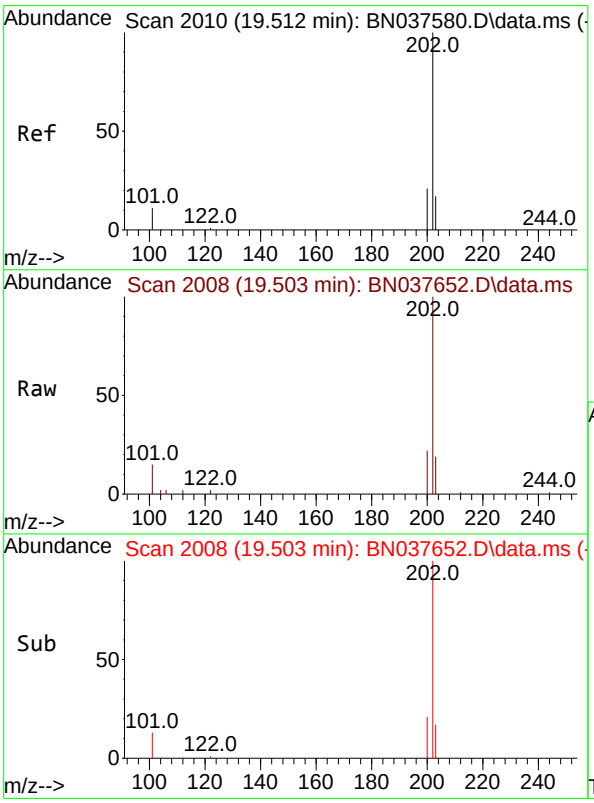
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:240 Resp: 3590

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.9	13.3
236	29.2	22.6	33.8

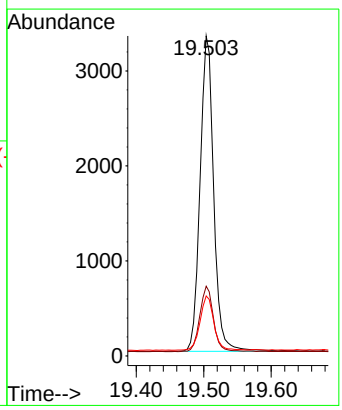


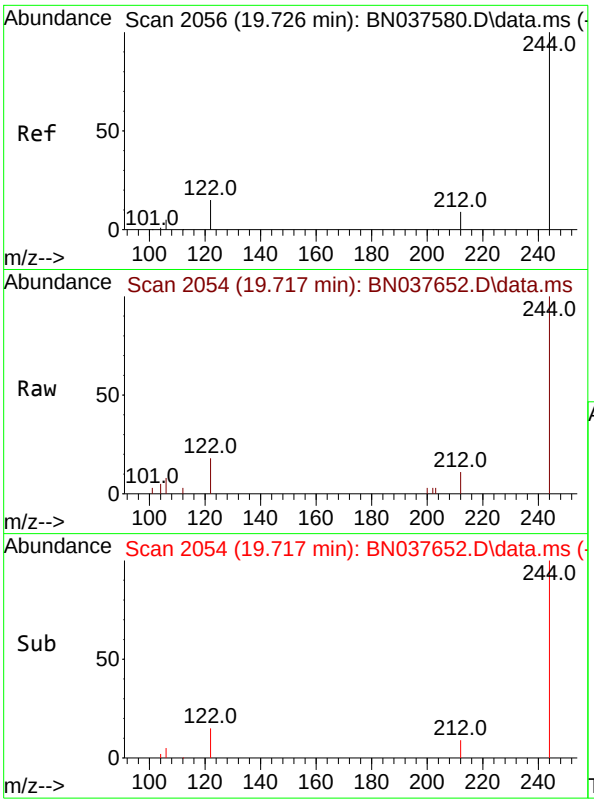


#30
Pyrene
Concen: 0.346 ng
RT: 19.503 min Scan# 2008
Delta R.T. -0.009 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:202 Resp: 4645

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.3	14.3	21.5



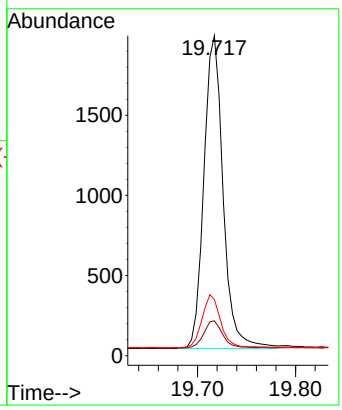


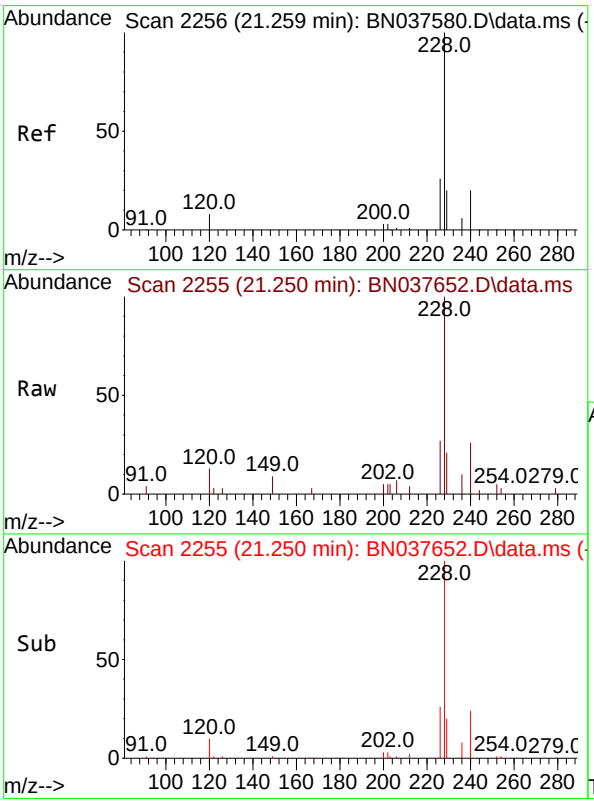
#31
Terphenyl-d14
Concen: 0.360 ng
RT: 19.717 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:244 Resp: 2658

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.2	12.2
122	17.5	13.2	19.8

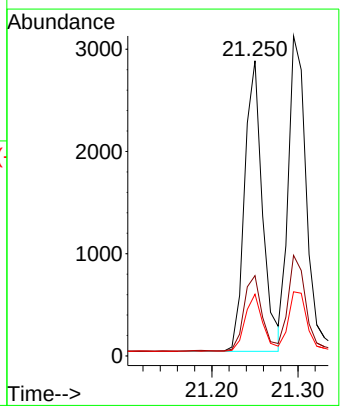


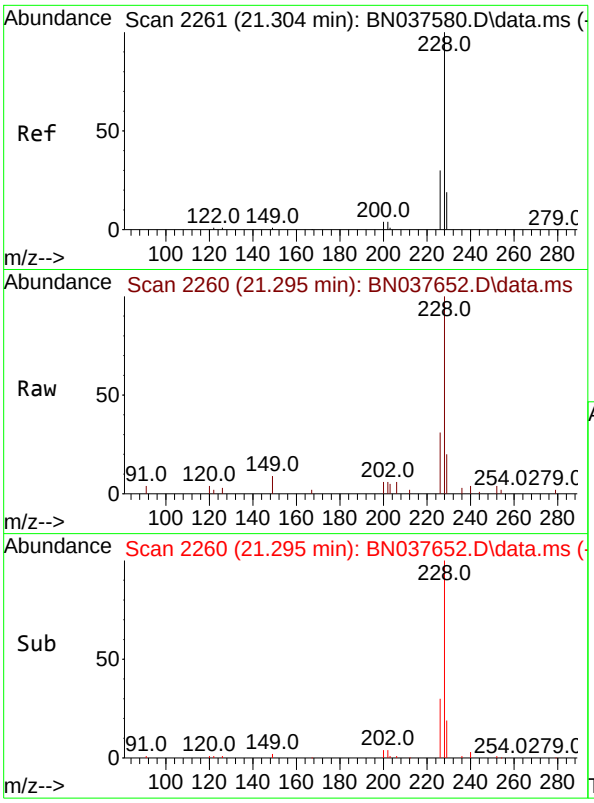


#32
Benzo(a)anthracene
Concen: 0.341 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.009 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:228 Resp: 4093

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.5	32.3
229	20.9	16.5	24.7



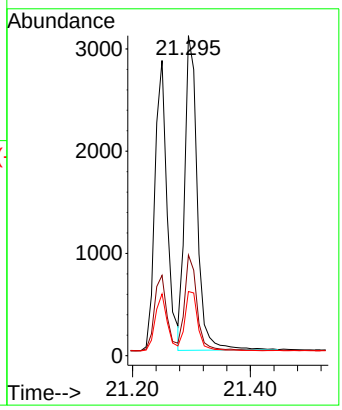


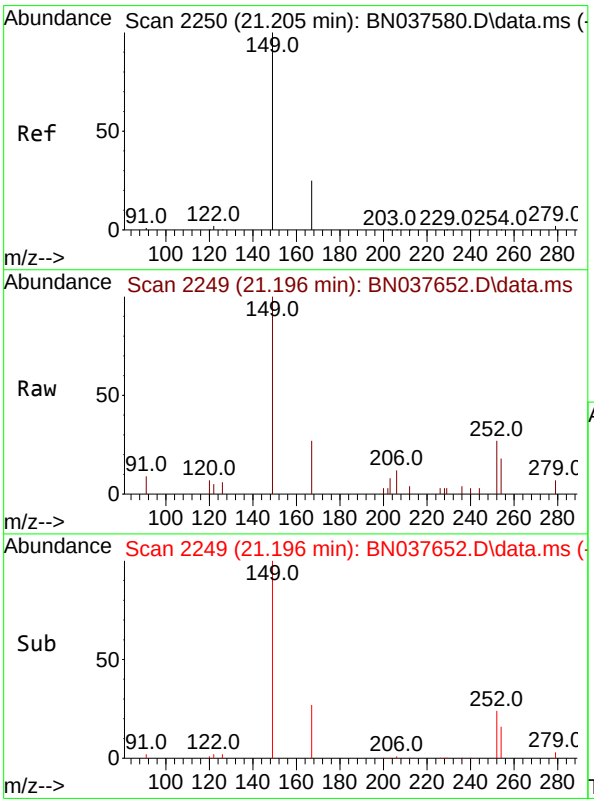
#33
Chrysene
Concen: 0.340 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:228 Resp: 4542

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.1	15.8	23.8

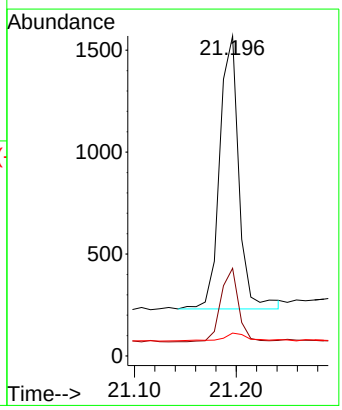


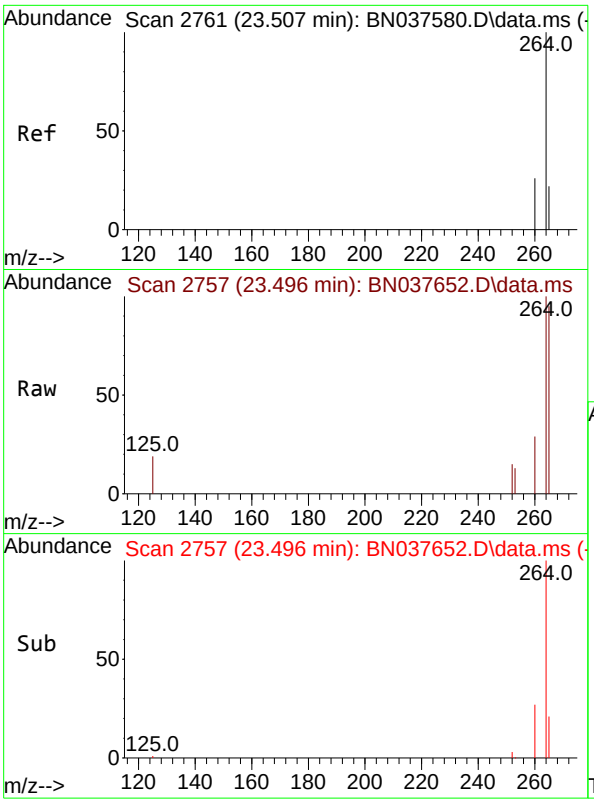


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.009 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:149 Resp: 1759

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.5	30.7
279	3.8	2.6	4.0



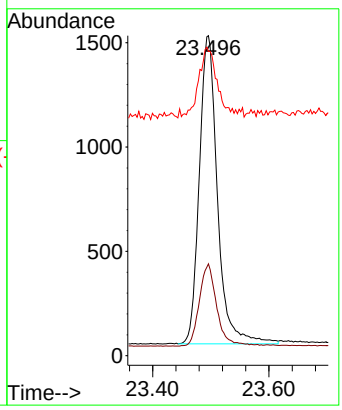


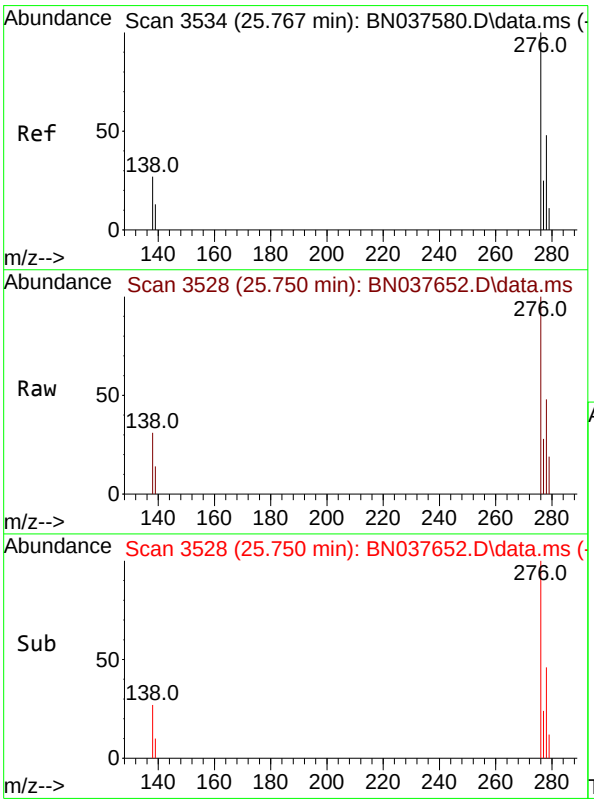
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:264 Resp: 3204

Ion	Ratio	Lower	Upper
264	100		
260	28.7	21.6	32.4
265	95.1	48.2	72.4#

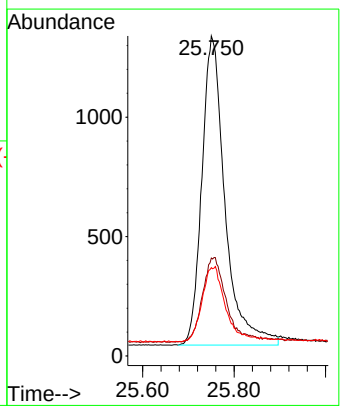


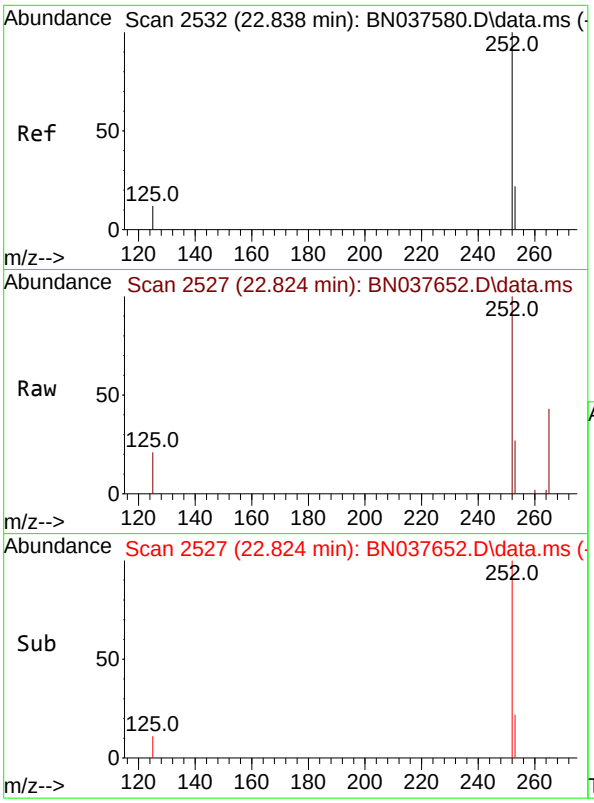


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng
RT: 25.750 min Scan# 3528
Delta R.T. -0.017 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:276 Resp: 4546

Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.3	34.9
277	24.5	19.5	29.3



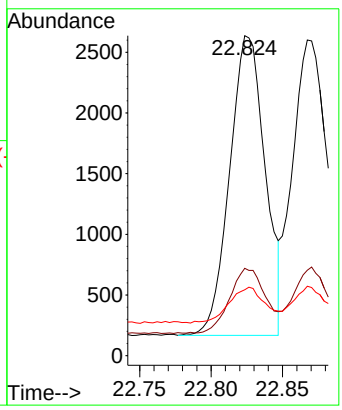


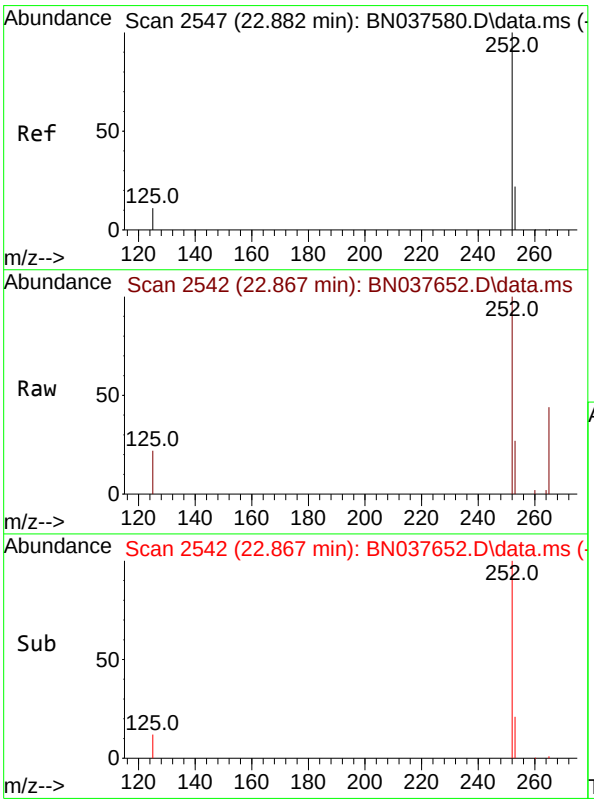
#37
Benzo(b)fluoranthene
Concen: 0.351 ng
RT: 22.824 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:252 Resp: 4267

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.0	30.0
125	20.6	13.8	20.6

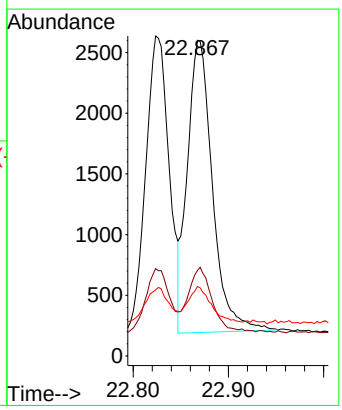


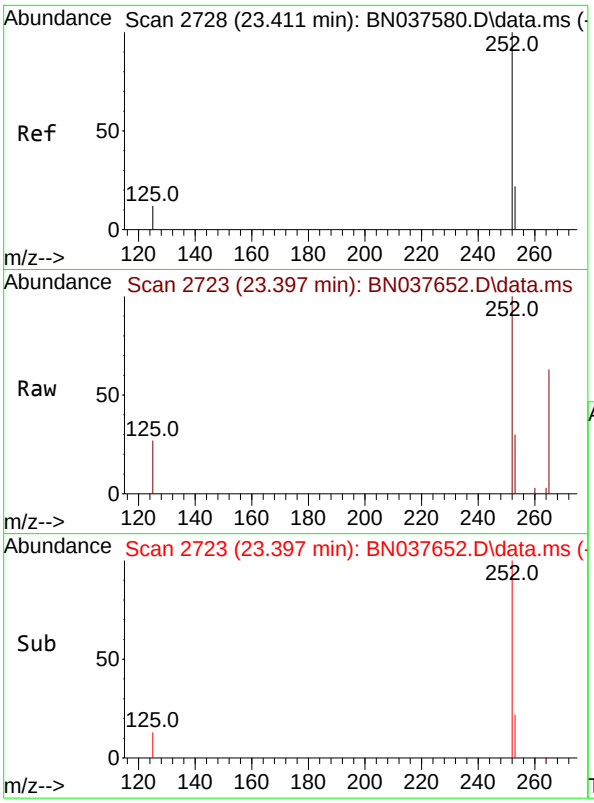


#38
Benzo(k)fluoranthene
Concen: 0.322 ng
RT: 22.867 min Scan# 2542
Delta R.T. -0.014 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:252 Resp: 4412

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.9	29.9
125	22.0	15.0	22.6



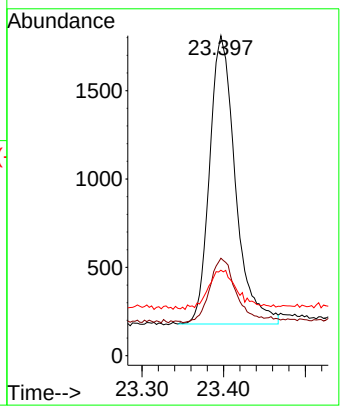


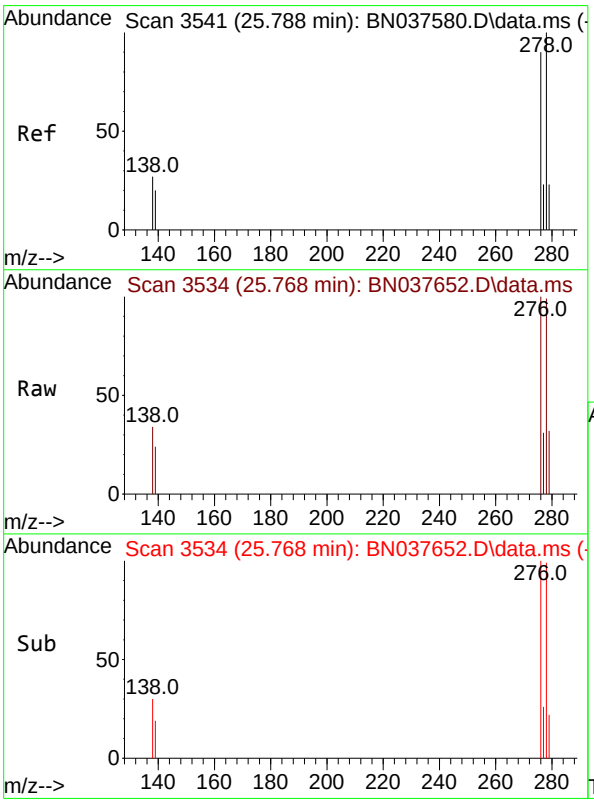
#39
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.397 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:252 Resp: 3577

Ion	Ratio	Lower	Upper
252	100		
253	30.5	21.6	32.4
125	26.7	16.8	25.2#

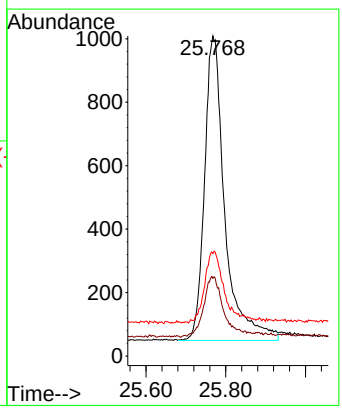


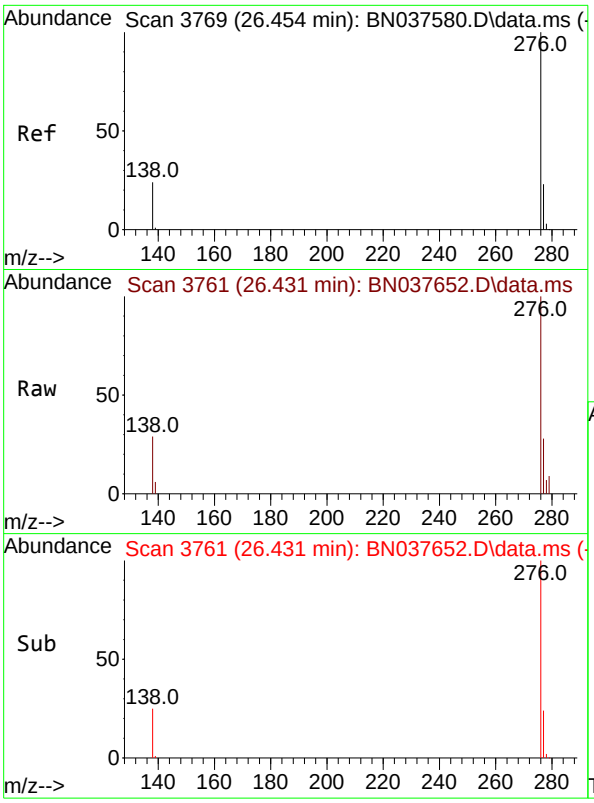


#40
Dibenzo(a,h)anthracene
Concen: 0.323 ng
RT: 25.768 min Scan# 3534
Delta R.T. -0.020 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Tgt Ion:278 Resp: 3387

Ion	Ratio	Lower	Upper
278	100		
139	24.3	18.3	27.5
279	32.0	22.5	33.7





#41
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 26.431 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN037652.D
Acq: 28 Aug 2025 11:54

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Tgt Ion:276 Resp: 4128

Ion	Ratio	Lower	Upper
276	100		
277	27.8	21.0	31.4
138	28.6	21.7	32.5