Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037659.D
Acq On : 04 Sep 2025 15:23
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 04 18:21:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration

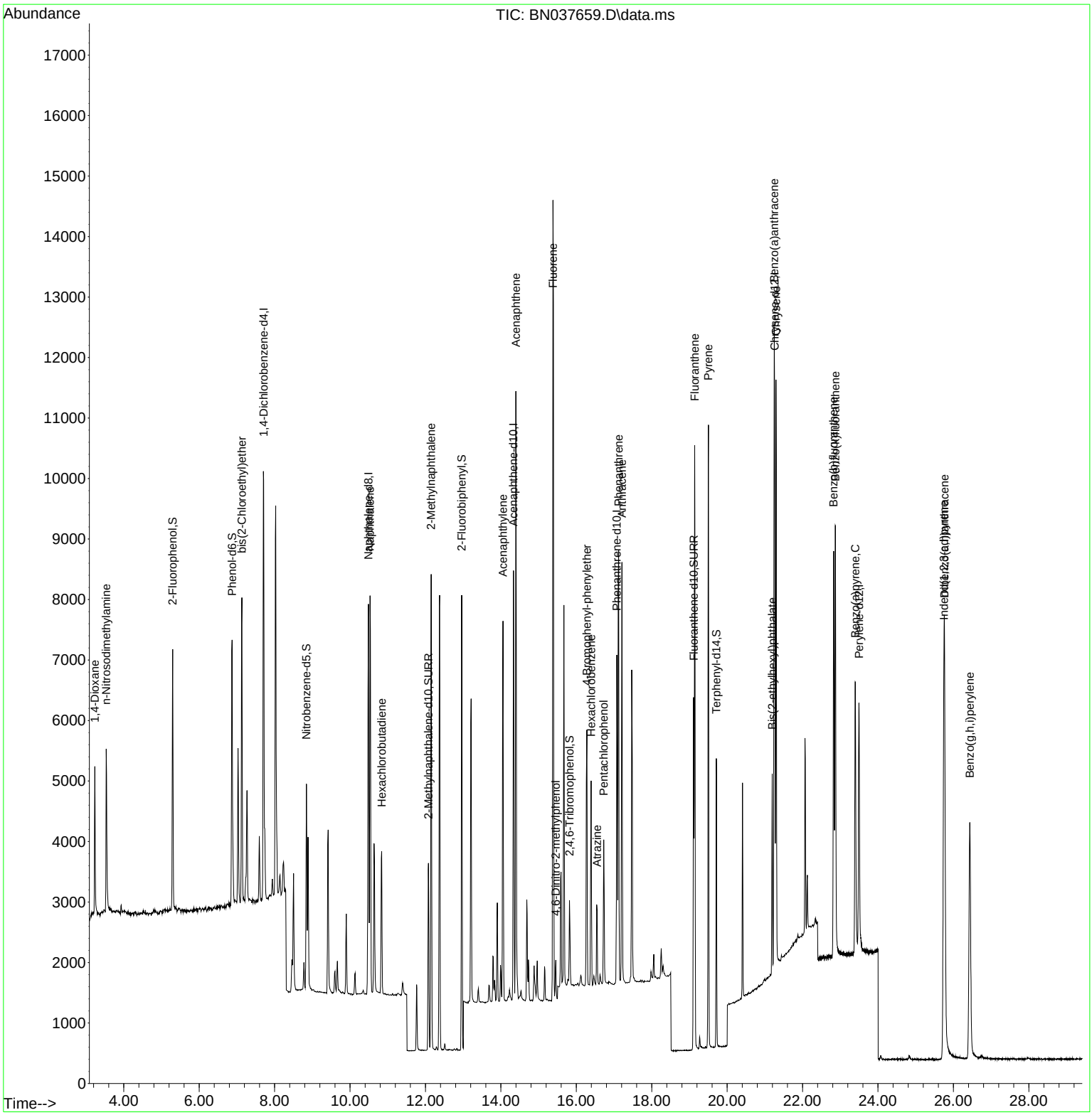
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	3550	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	8385	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	3900	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	7126	0.400	ng		0.00
29) Chrysene-d12	21.259	240	5754	0.400	ng		0.00
35) Perylene-d12	23.496	264	5595	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	3368	0.388	ng		0.00
5) Phenol-d6	6.872	99	4022	0.387	ng		0.00
8) Nitrobenzene-d5	8.843	82	2522	0.383	ng		0.00
11) 2-Methylnaphthalene-d10	12.080	152	4245	0.385	ng		0.00
14) 2,4,6-Tribromophenol	15.820	330	792	0.377	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	7773	0.356	ng		0.00
27) Fluoranthene-d10	19.113	212	6422	0.361	ng		0.00
31) Terphenyl-d14	19.712	244	4469	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	1422	0.402	ng		100
3) n-Nitrosodimethylamine	3.535	42	1790	0.391	ng		100
6) bis(2-Chloroethyl)ether	7.132	93	3564	0.402	ng		100
9) Naphthalene	10.530	128	8850	0.387	ng		100
10) Hexachlorobutadiene	10.840	225	2041	0.389	ng	#	100
12) 2-Methylnaphthalene	12.151	142	5370	0.386	ng		100
16) Acenaphthylene	14.056	152	6713	0.377	ng		100
17) Acenaphthene	14.398	154	4750	0.384	ng		100
18) Fluorene	15.382	166	5762	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.457	198	439	0.351	ng		100
21) 4-Bromophenyl-phenylether	16.280	248	1786	0.386	ng		100
22) Hexachlorobenzene	16.391	284	2491	0.389	ng		100
23) Atrazine	16.553	200	1168	0.373	ng		100
24) Pentachlorophenol	16.726	266	1140	0.387	ng		100
25) Phenanthrene	17.124	178	8278	0.381	ng		100
26) Anthracene	17.211	178	7118	0.371	ng		100
28) Fluoranthene	19.141	202	8772	0.364	ng		100
30) Pyrene	19.503	202	8763	0.396	ng		100
32) Benzo(a)anthracene	21.250	228	7641	0.386	ng		100
33) Chrysene	21.295	228	8289	0.392	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	3065	0.388	ng		100
36) Indeno(1,2,3-cd)pyrene	25.747	276	9393	0.355	ng		100
37) Benzo(b)fluoranthene	22.823	252	8501	0.376	ng		100
38) Benzo(k)fluoranthene	22.867	252	9009	0.380	ng		100
39) Benzo(a)pyrene	23.396	252	7050	0.377	ng		100
40) Dibenzo(a,h)anthracene	25.765	278	7326	0.355	ng		100
41) Benzo(g,h,i)perylene	26.434	276	8202	0.369	ng		100

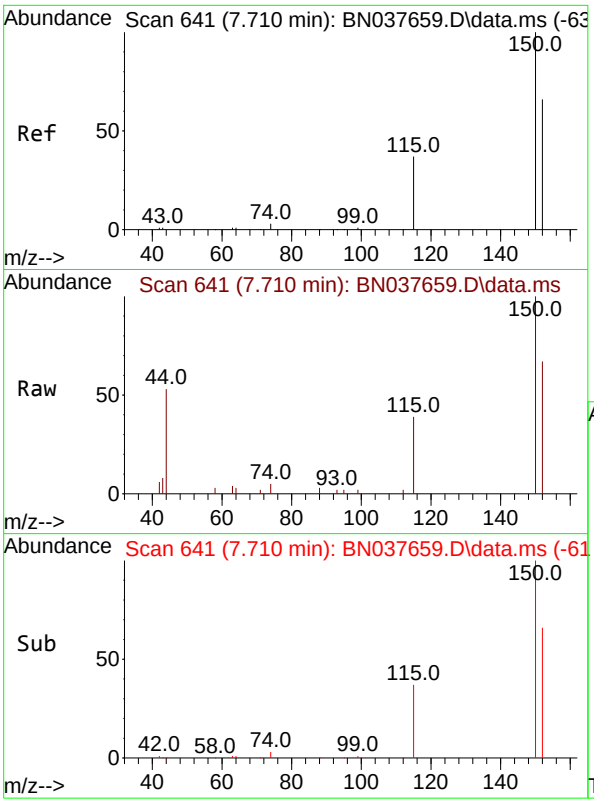
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037659.D
Acq On : 04 Sep 2025 15:23
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 04 18:21:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration



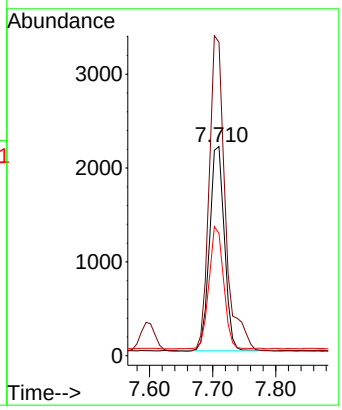


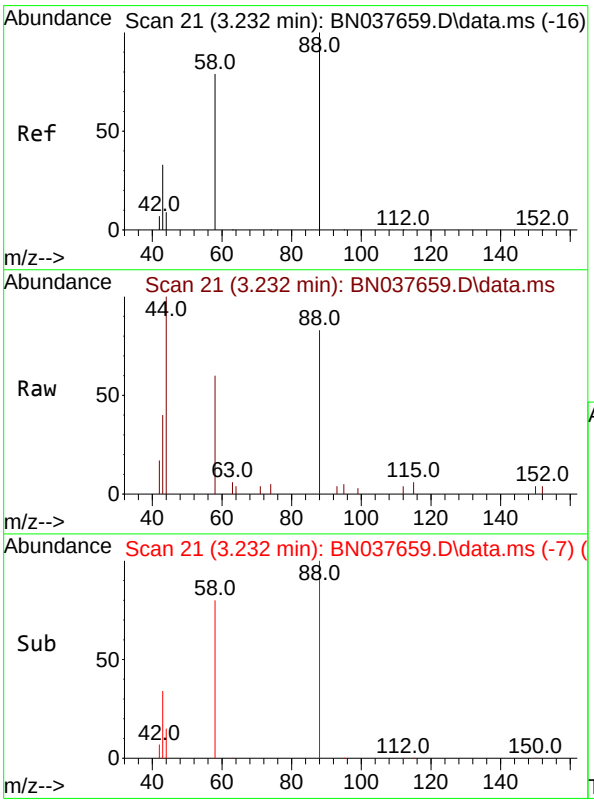
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3550

Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.9	179.9
115	58.5	46.8	70.2

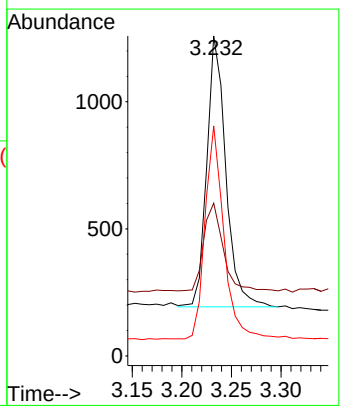


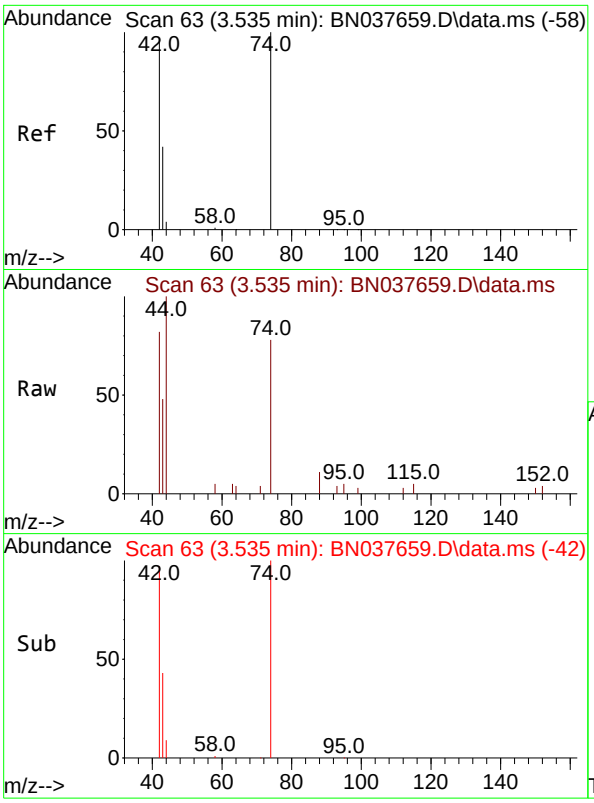


#2
1,4-Dioxane
Concen: 0.402 ng
RT: 3.232 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion: 88 Resp: 1422

Ion	Ratio	Lower	Upper
88	100		
43	33.3	26.6	40.0
58	77.5	62.0	93.0



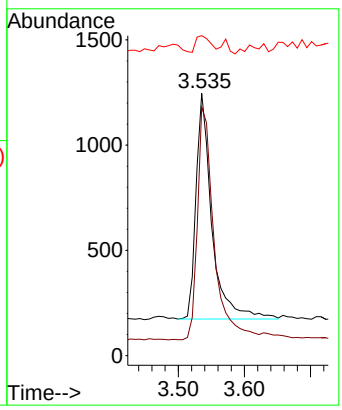


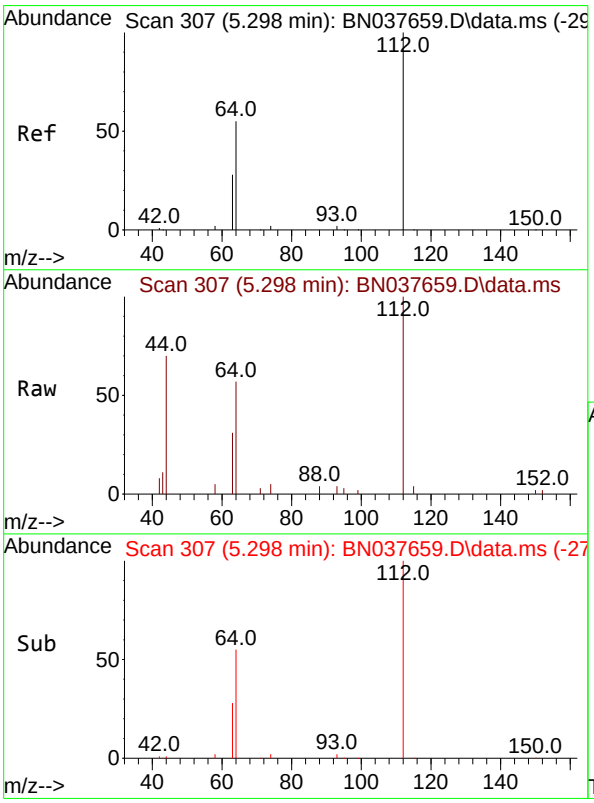
#3
n-Nitrosodimethylamine
Concen: 0.391 ng
RT: 3.535 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1790

Ion	Ratio	Lower	Upper
42	100		
74	107.7	86.2	129.2
44	6.5	5.2	7.8

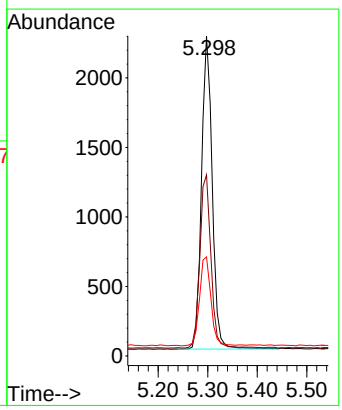


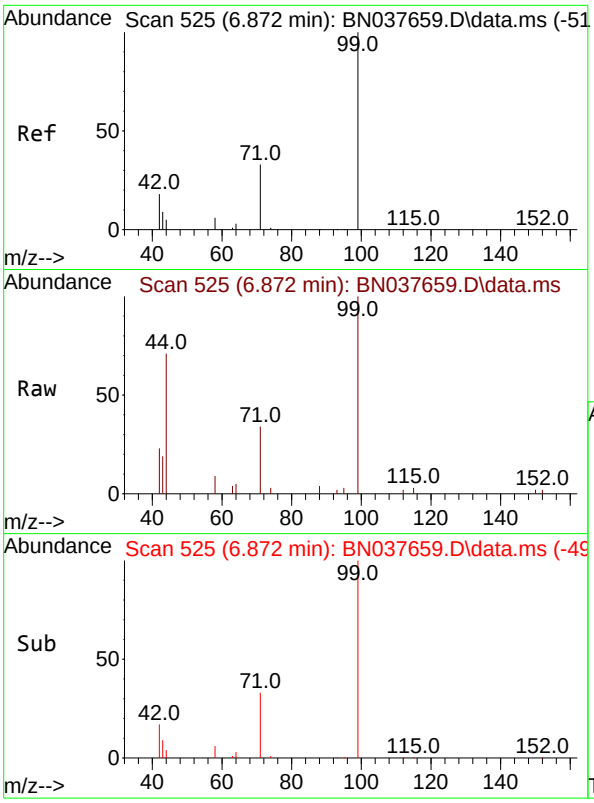


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.298 min Scan# 307
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:112 Resp: 3368

Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.8	68.6
63	30.3	24.2	36.4



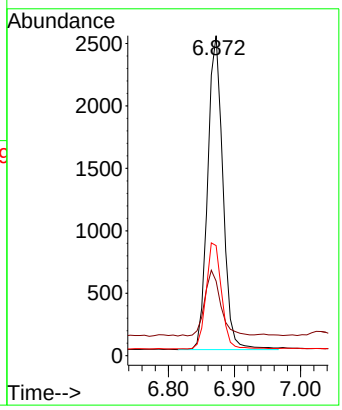


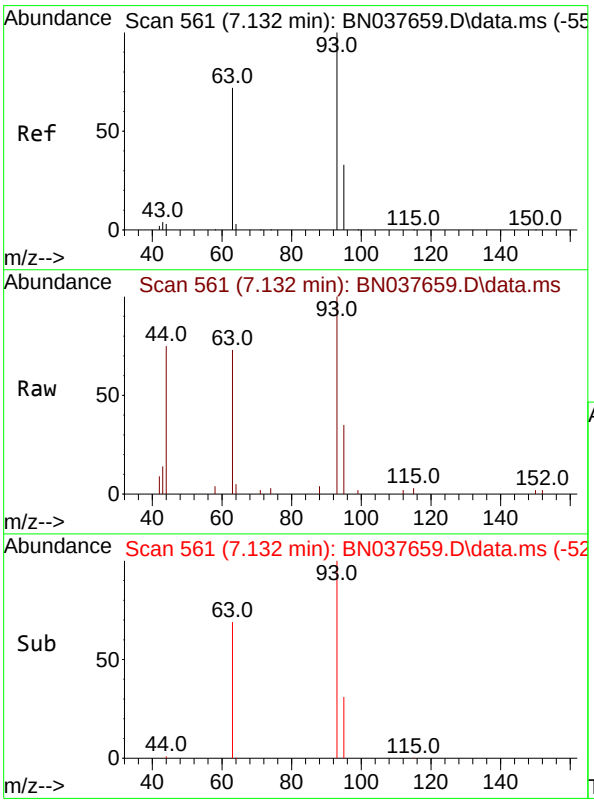
#5
Phenol-d6
Concen: 0.387 ng
RT: 6.872 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 4022

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.7	26.5
71	34.4	27.5	41.3

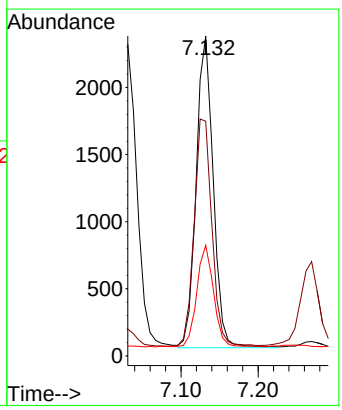


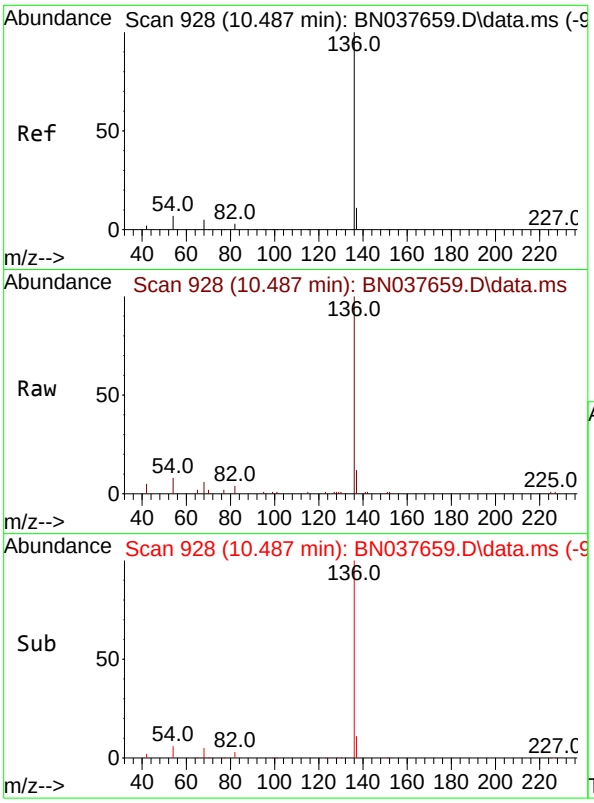


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.132 min Scan# 561
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion: 93 Resp: 3564

Ion	Ratio	Lower	Upper
93	100		
63	75.8	60.6	91.0
95	32.1	25.7	38.5



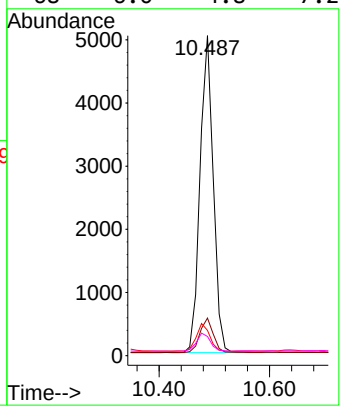


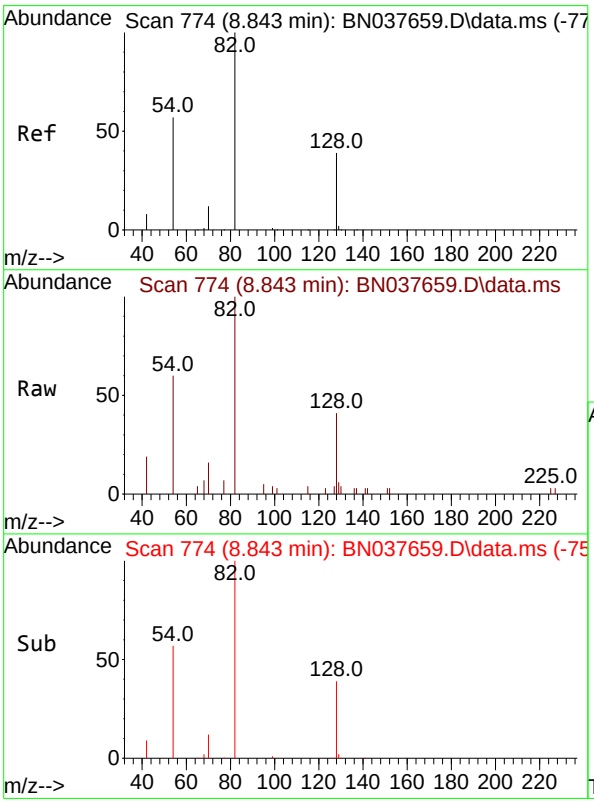
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 8385

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	7.9	6.3	9.5
68	6.0	4.8	7.2

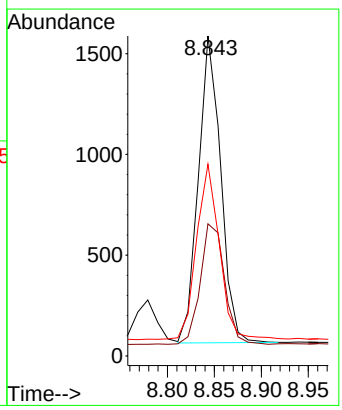


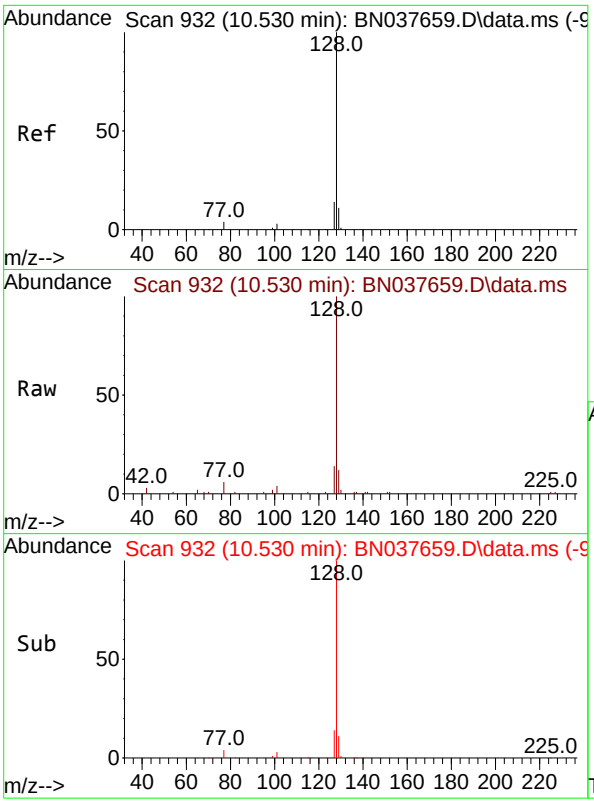


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.843 min Scan# 774
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion: 82 Resp: 2522

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.6
54	59.9	47.9	71.9



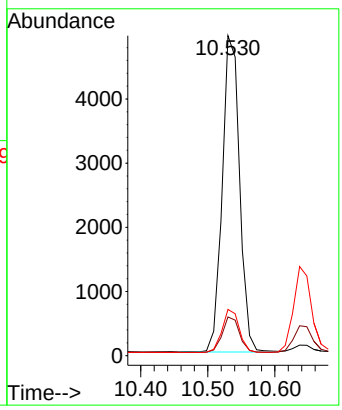


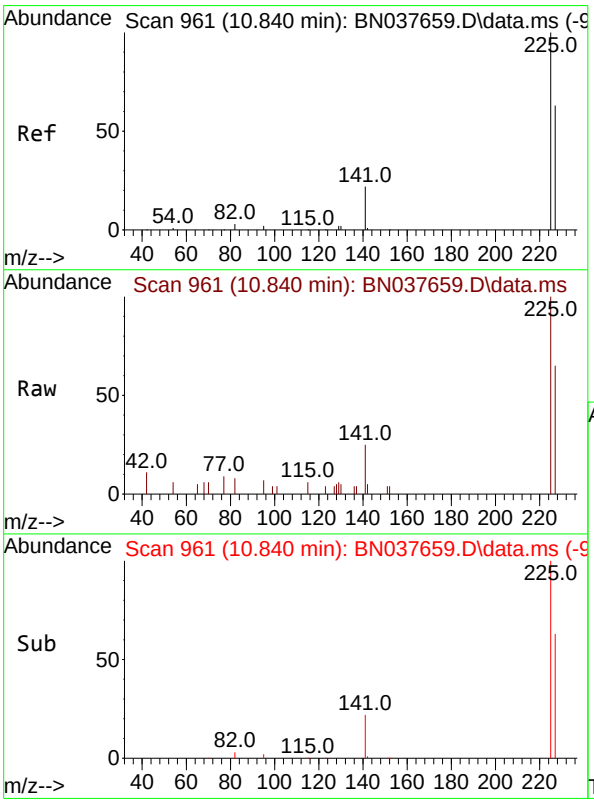
#9
Naphthalene
Concen: 0.387 ng
RT: 10.530 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 8850

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.7	14.5
127	14.4	11.5	17.3

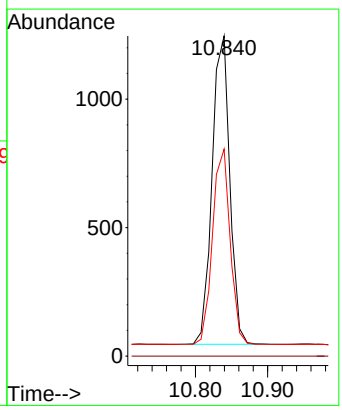


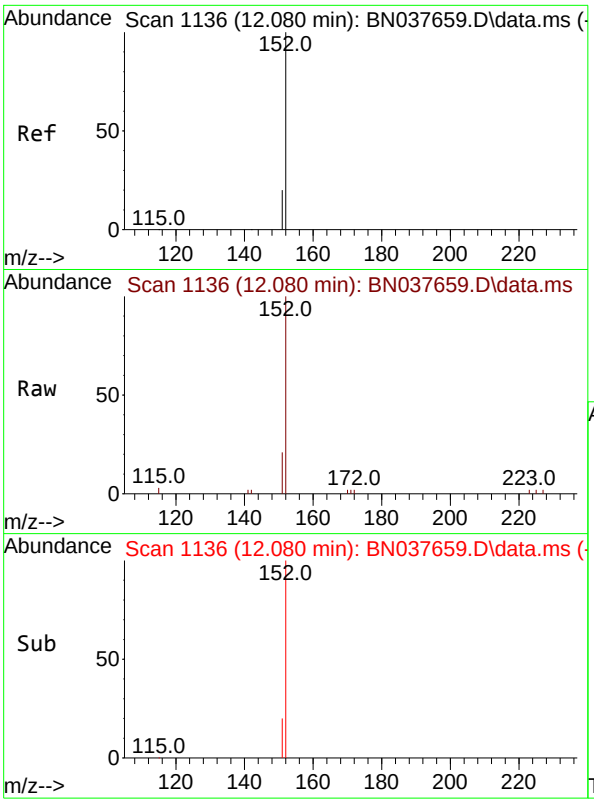


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.840 min Scan# 961
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:225 Resp: 2041

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.5	75.7



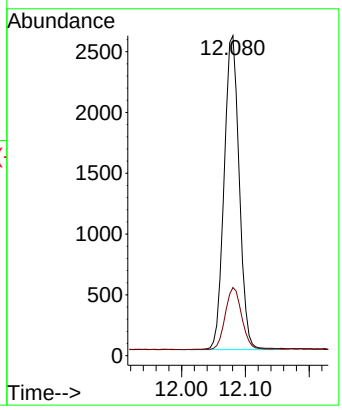


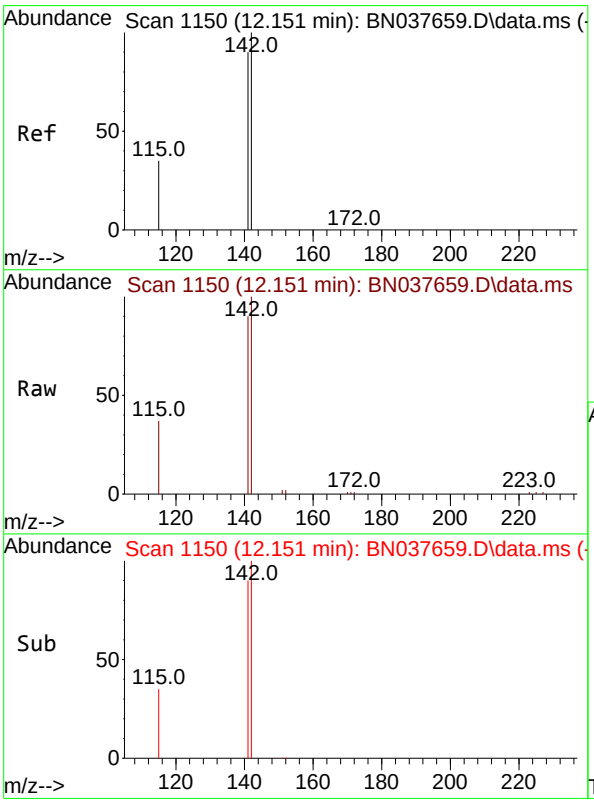
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4245

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.3	25.9

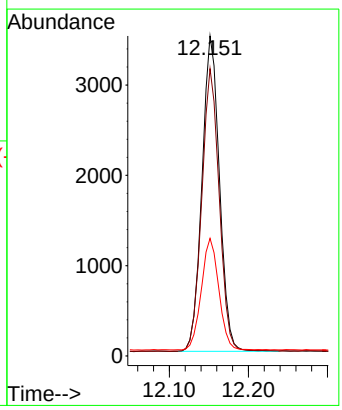


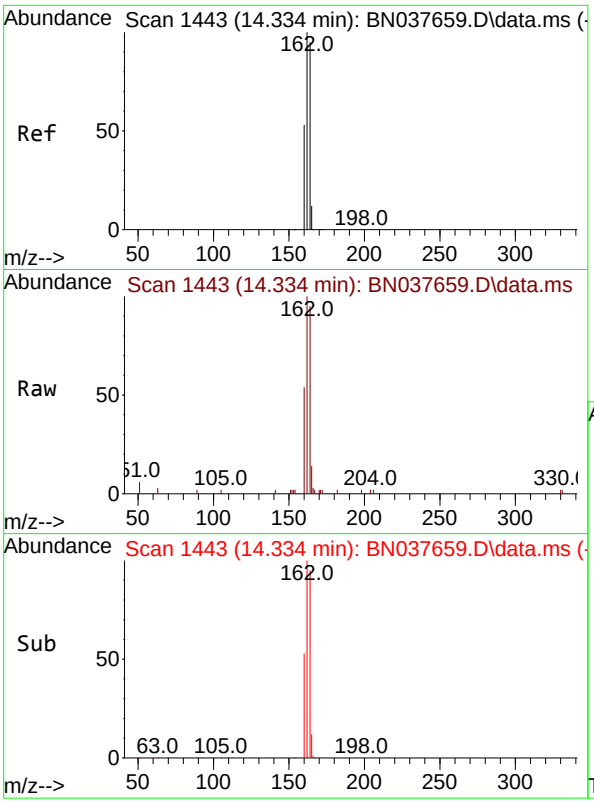


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.151 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:142 Resp: 5370

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.8	107.8
115	36.8	29.4	44.2



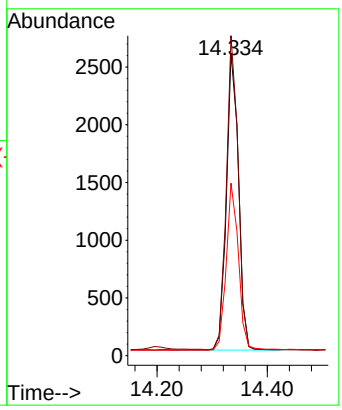


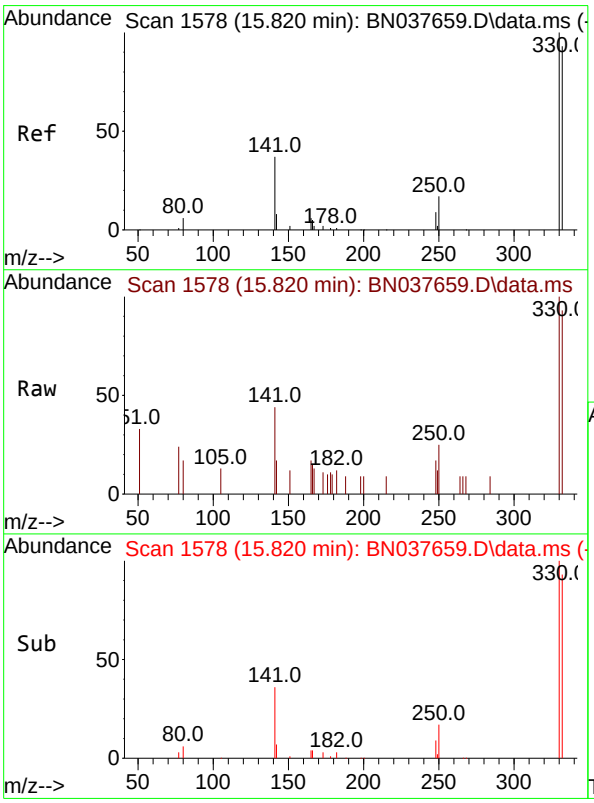
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 3900

Ion	Ratio	Lower	Upper
164	100		
162	105.7	84.6	126.8
160	57.0	45.6	68.4

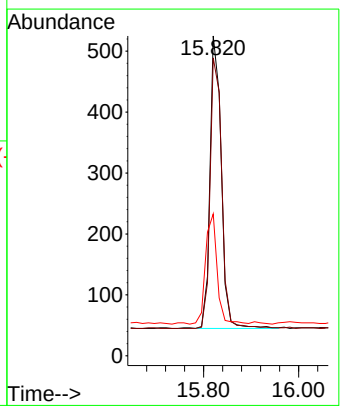


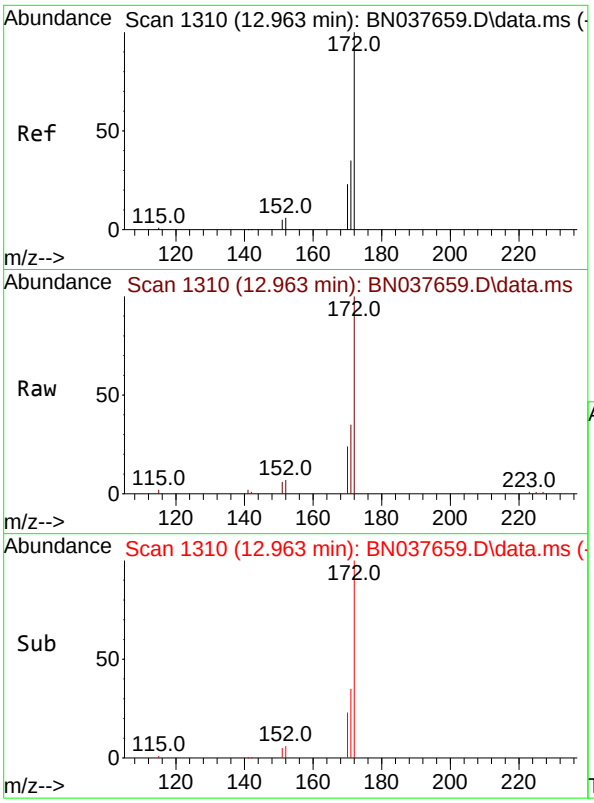


#14
2,4,6-Tribromophenol
Concen: 0.377 ng
RT: 15.820 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:330 Resp: 792

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	39.3	31.4	47.2



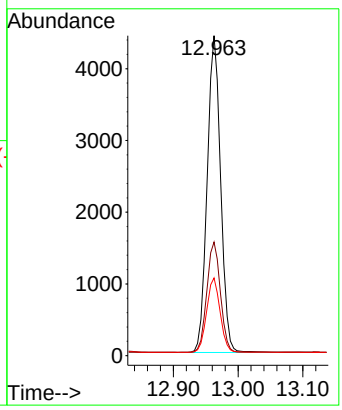


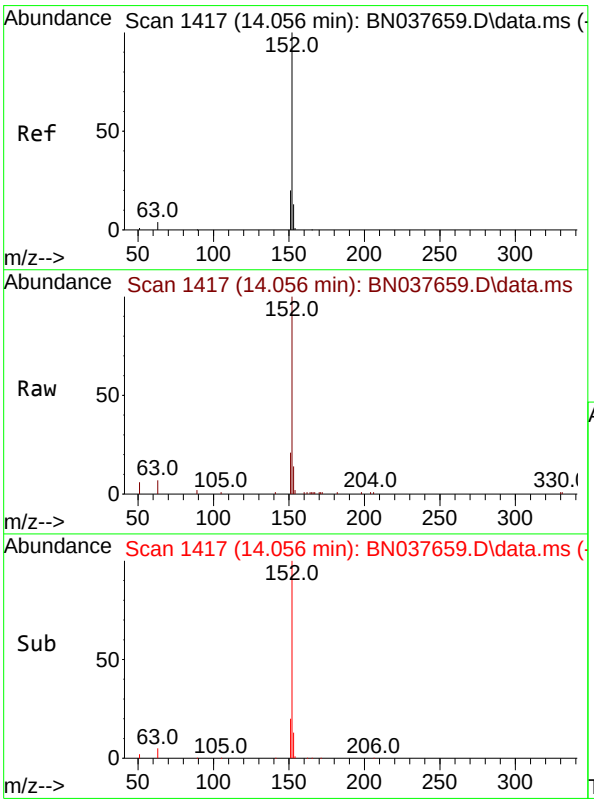
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 7773

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	24.3	19.4	29.2

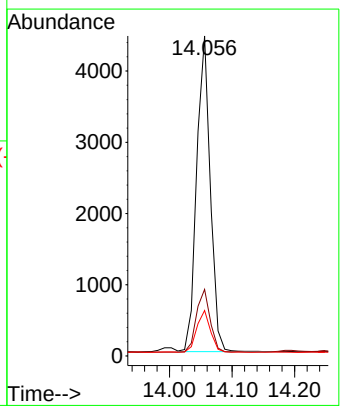


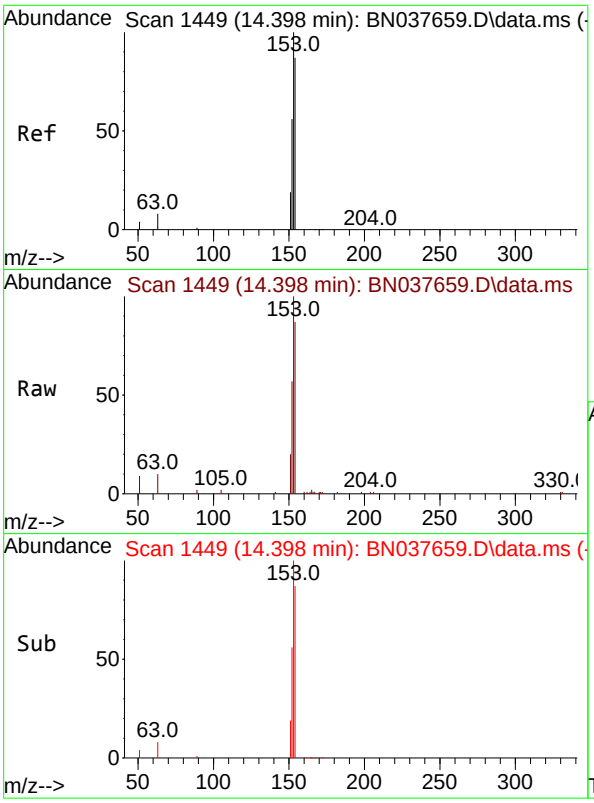


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.056 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:152 Resp: 6713

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.6	10.9	16.3



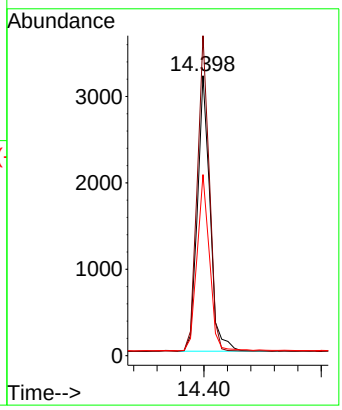


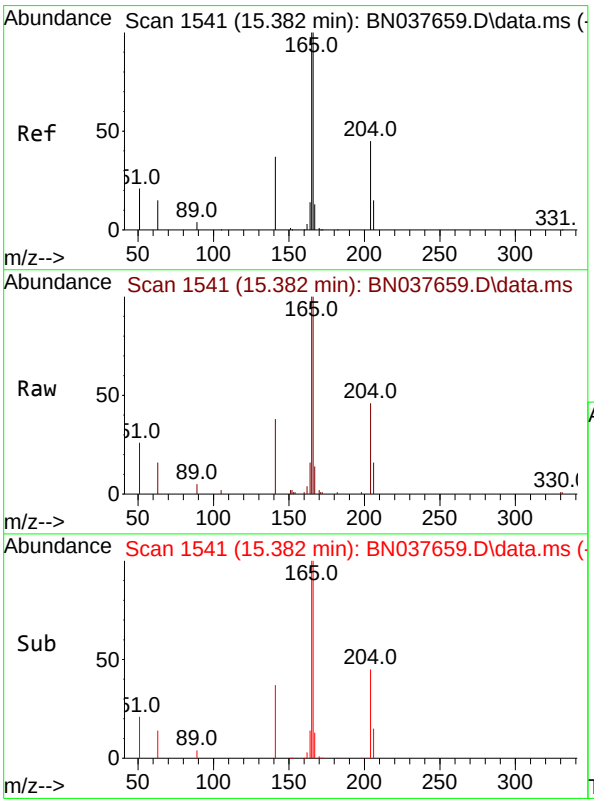
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.398 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 4750

Ion	Ratio	Lower	Upper
154	100		
153	110.4	88.3	132.5
152	64.3	51.4	77.2

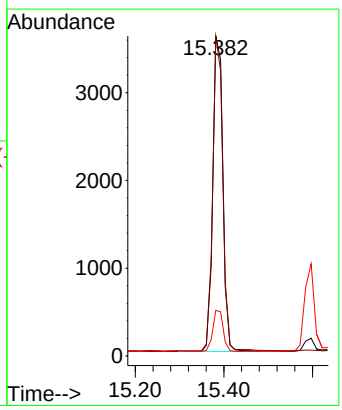


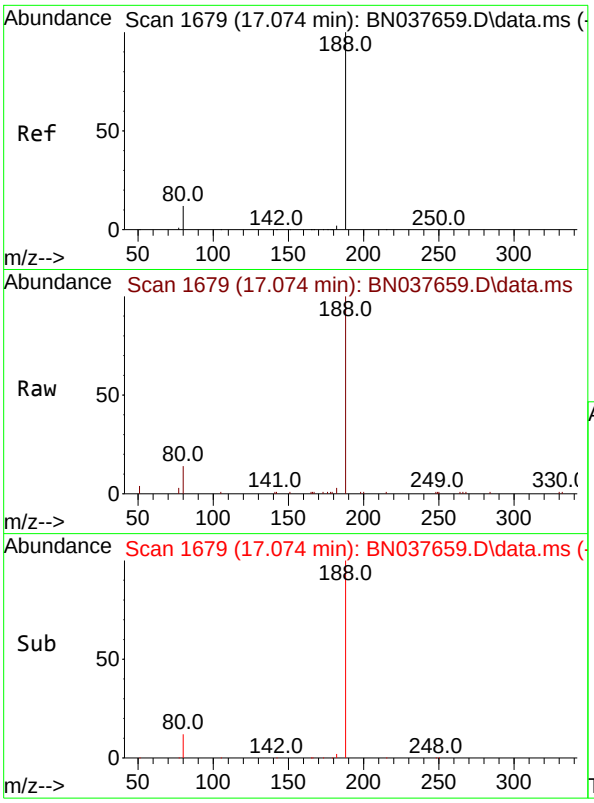


#18
Fluorene
Concen: 0.382 ng
RT: 15.382 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:166 Resp: 5762

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	13.1	10.5	15.7



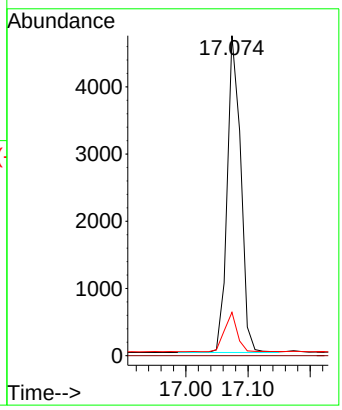


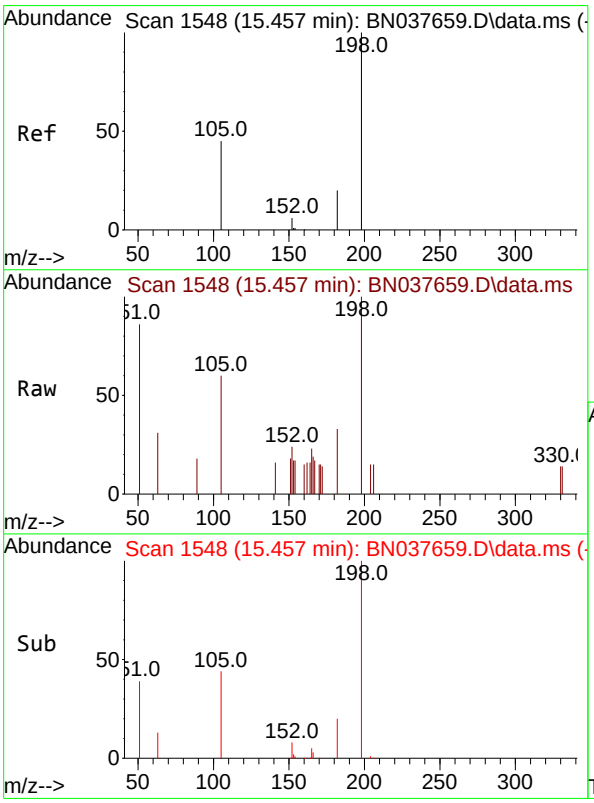
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 7126

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	10.8	16.2

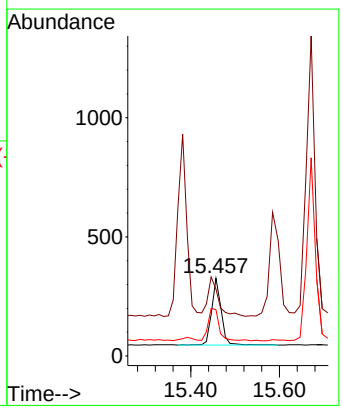


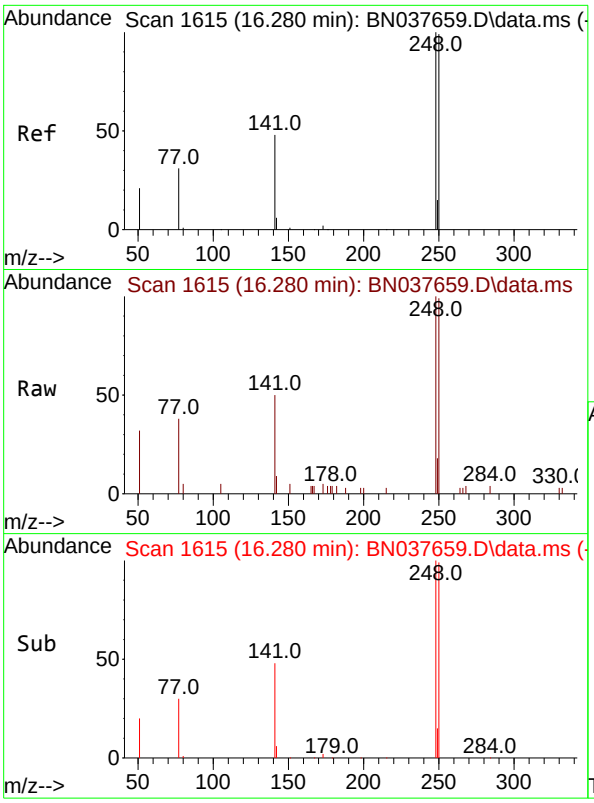


#20
4,6-Dinitro-2-methylphenol
Concen: 0.351 ng
RT: 15.457 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:198 Resp: 439

Ion	Ratio	Lower	Upper
198	100		
51	86.2	69.0	103.4
105	59.8	47.8	71.8



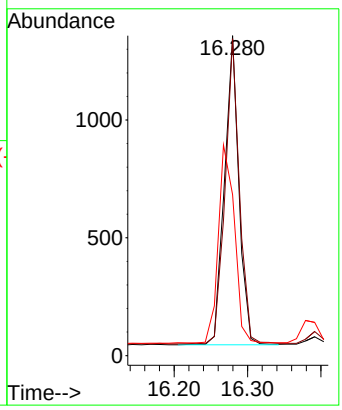


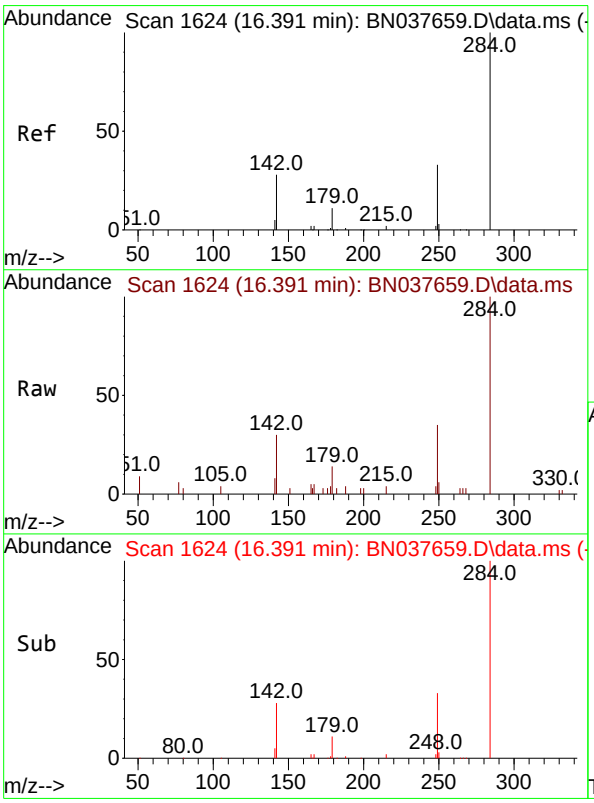
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.280 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 1786

Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.2	118.8
141	50.3	40.2	60.4

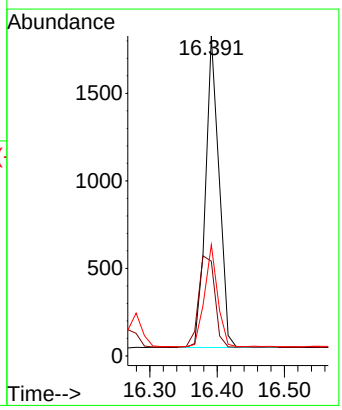


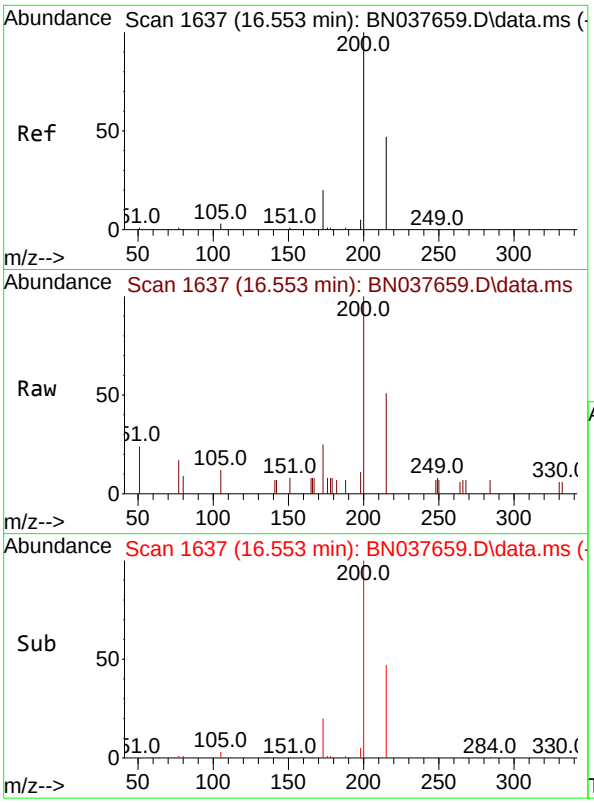


#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.391 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:284 Resp: 2491

Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.4	42.6
249	31.4	25.1	37.7



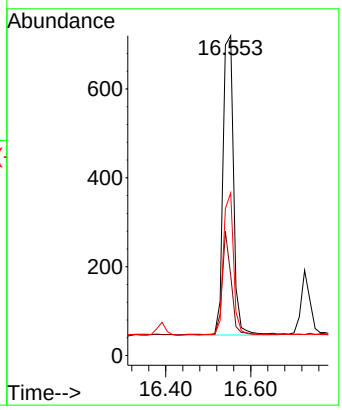


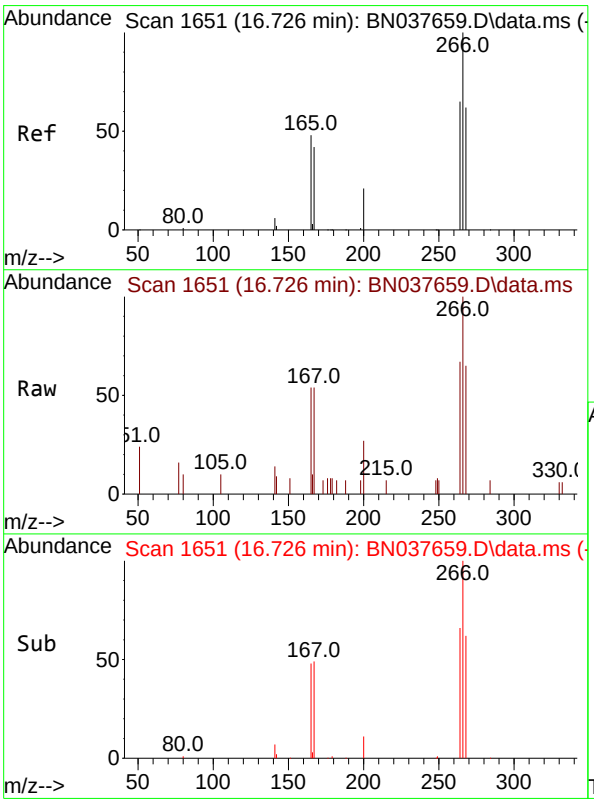
#23
Atrazine
Concen: 0.373 ng
RT: 16.553 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 1168

Ion	Ratio	Lower	Upper
200	100		
173	25.1	20.1	30.1
215	50.8	40.6	61.0

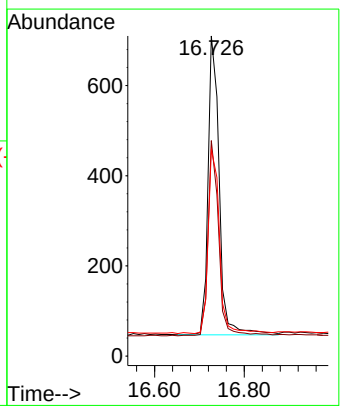


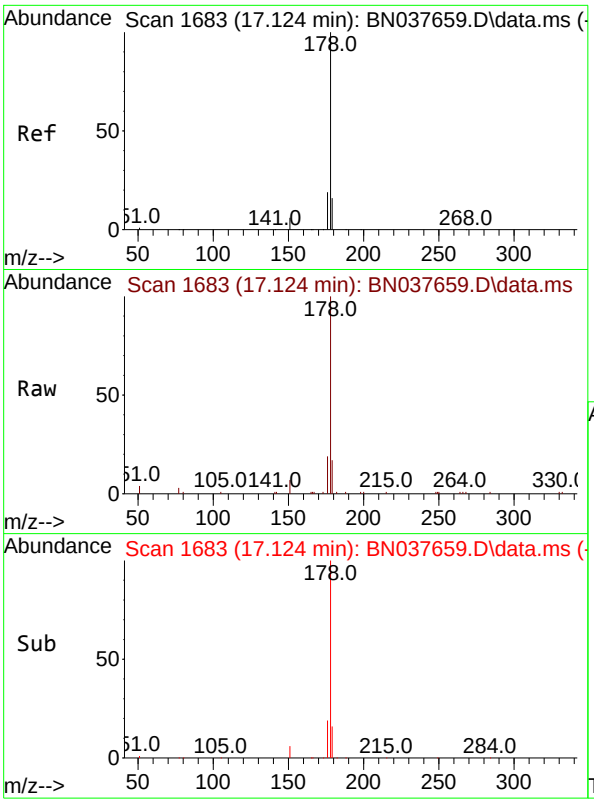


#24
Pentachlorophenol
Concen: 0.387 ng
RT: 16.726 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:266 Resp: 1140

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.6	74.4
268	62.7	50.2	75.2



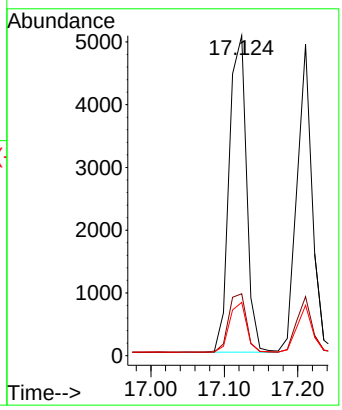


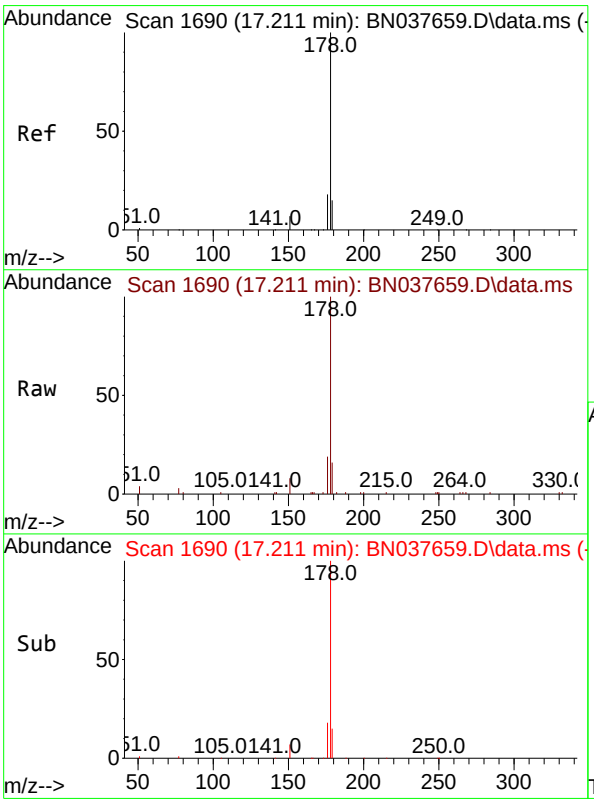
#25
Phenanthrene
Concen: 0.381 ng
RT: 17.124 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 8278

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7

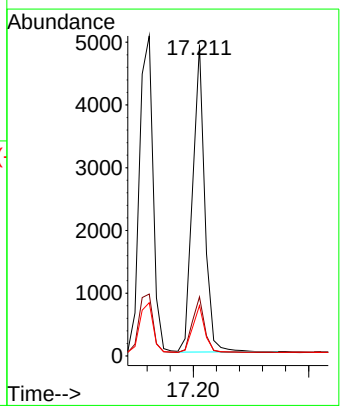


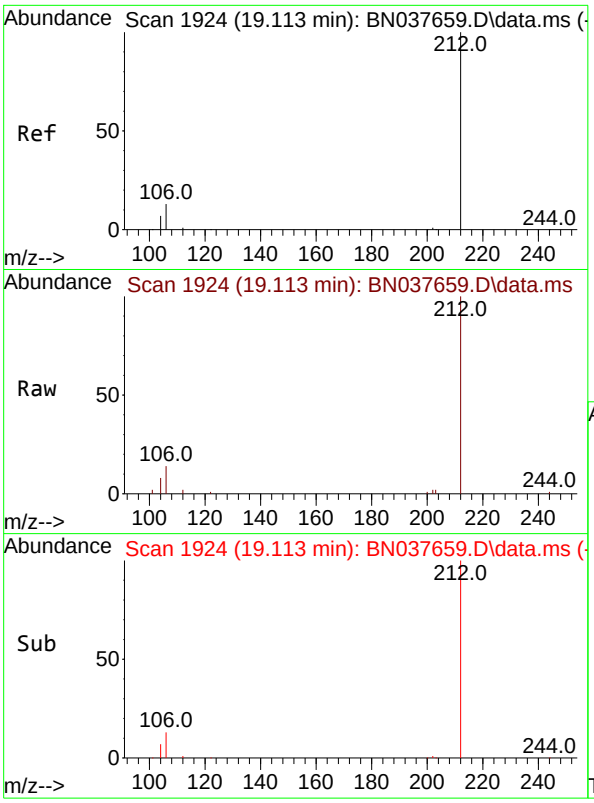


#26
Anthracene
Concen: 0.371 ng
RT: 17.211 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:178 Resp: 7118

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.2	12.2	18.2



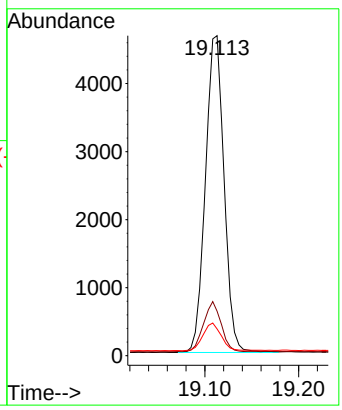


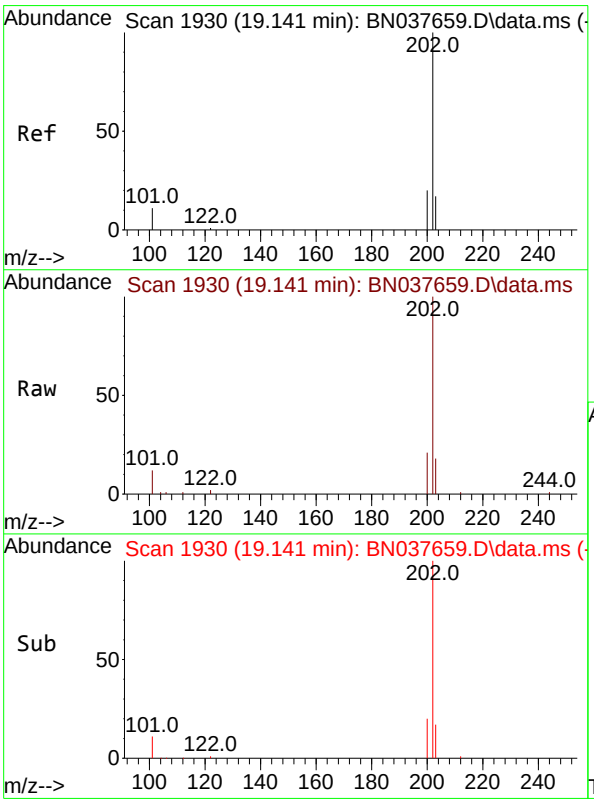
#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 6422

Ion	Ratio	Lower	Upper
212	100		
106	15.0	12.0	18.0
104	8.5	6.8	10.2

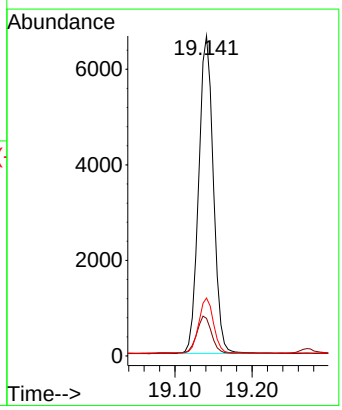


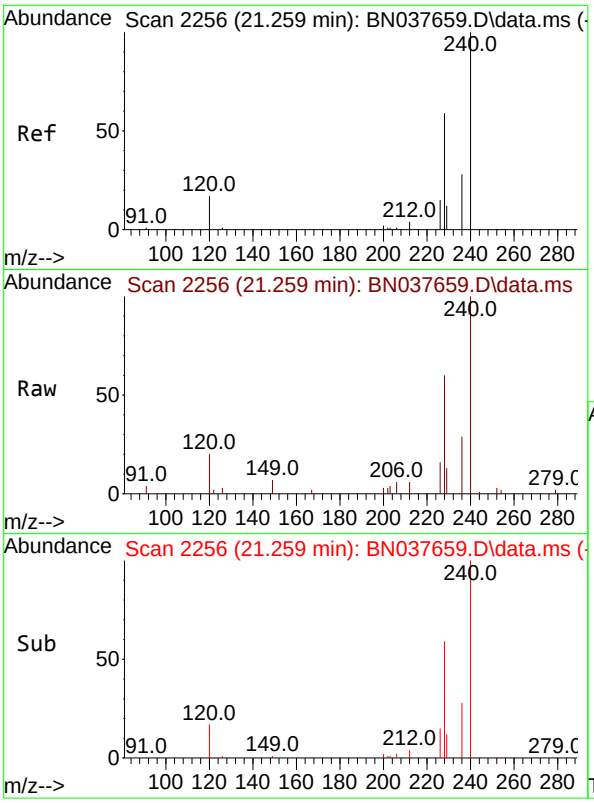


#28
Fluoranthene
Concen: 0.364 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:202 Resp: 8772

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.3	13.8	20.8



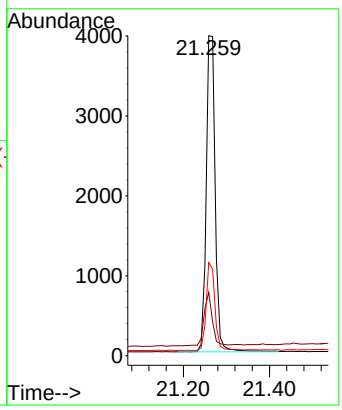


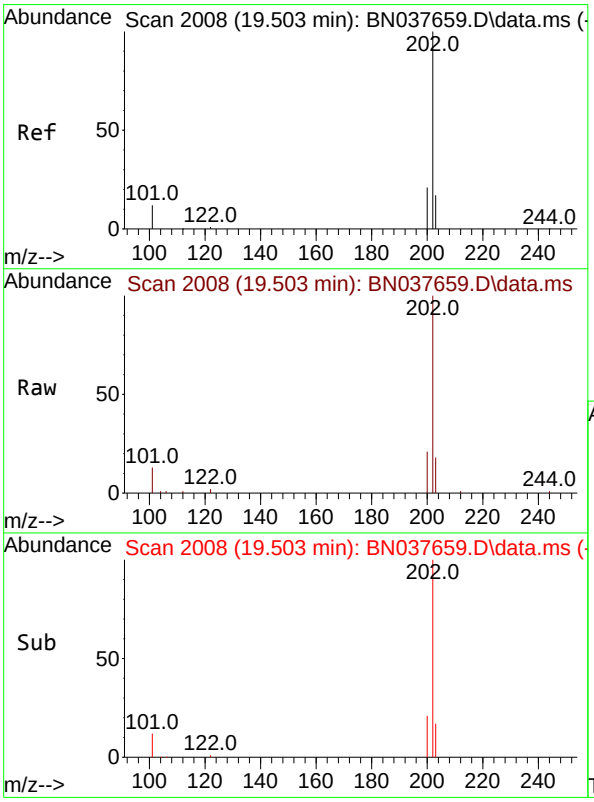
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 5754

Ion	Ratio	Lower	Upper
240	100		
120	19.9	15.9	23.9
236	29.1	23.3	34.9

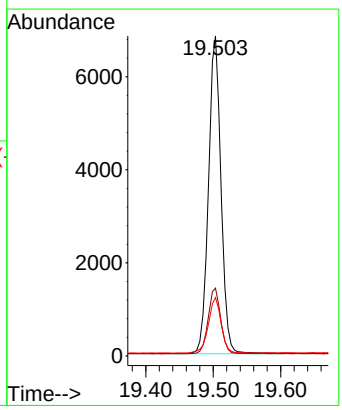


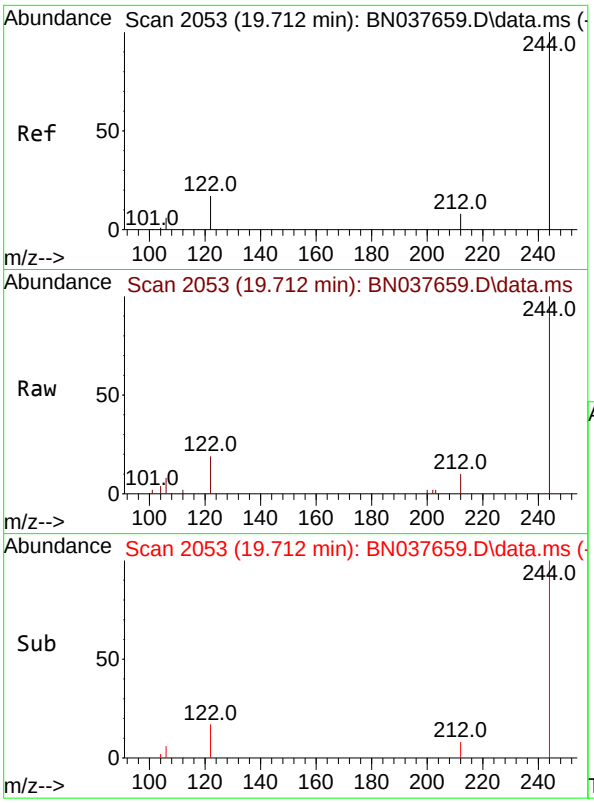


#30
Pyrene
Concen: 0.396 ng
RT: 19.503 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:202 Resp: 8763

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	18.0	14.4	21.6



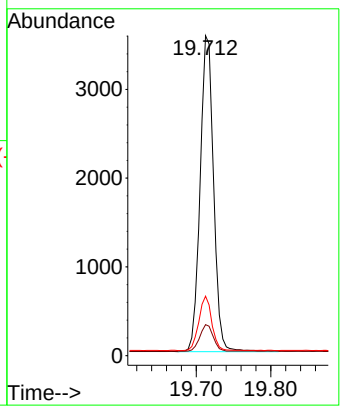


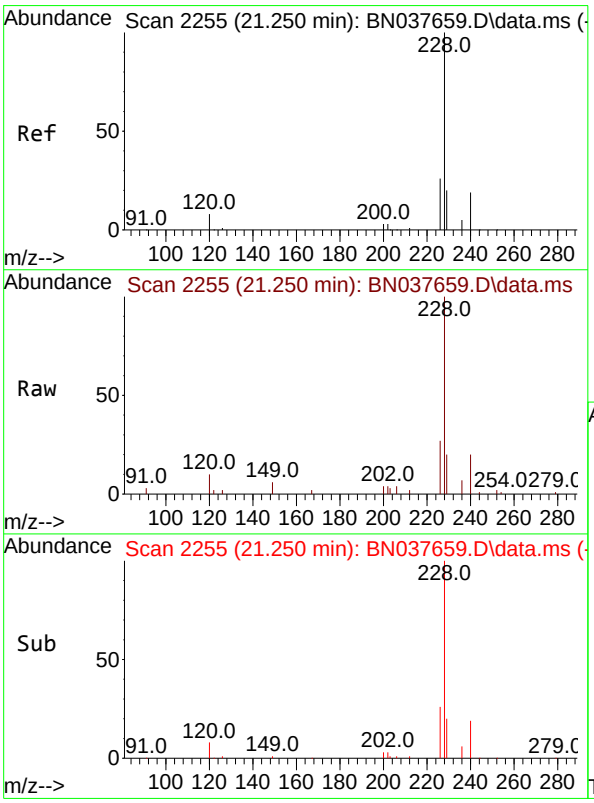
#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.712 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 4469

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.8	11.6
122	18.6	14.9	22.3

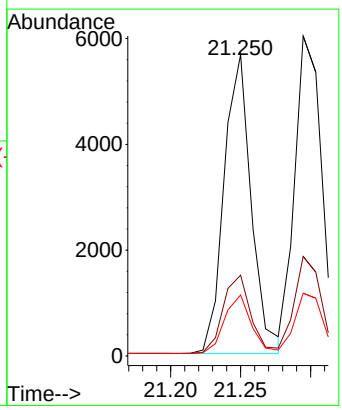


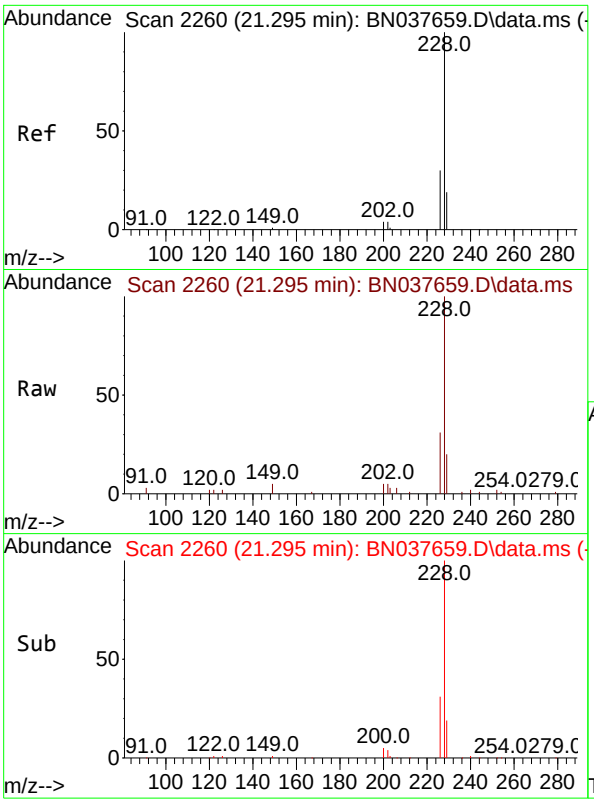


#32
Benzo(a)anthracene
Concen: 0.386 ng
RT: 21.250 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:228 Resp: 7641

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	20.2	16.2	24.2



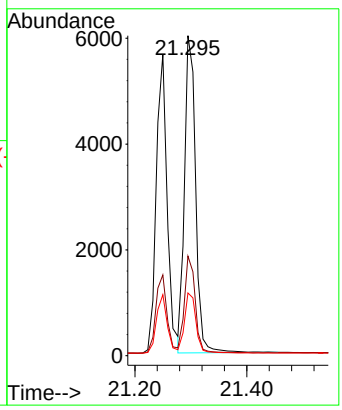


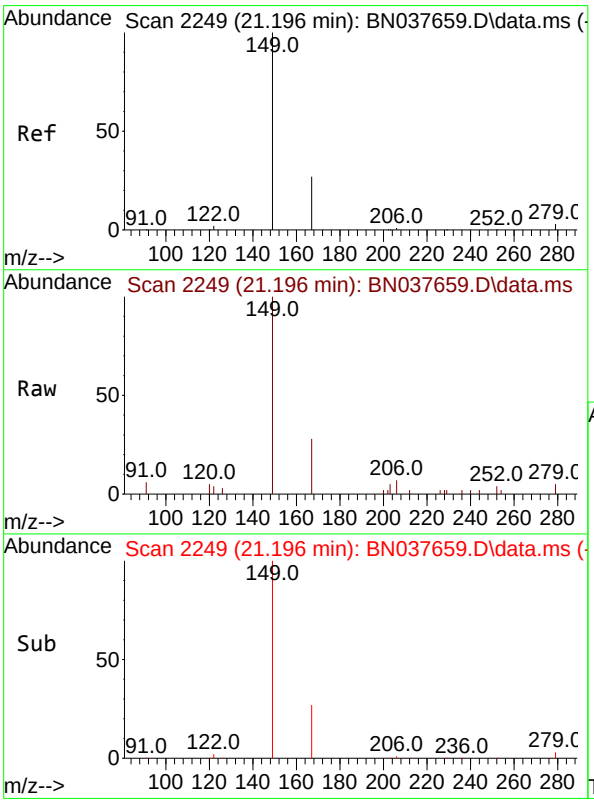
#33
Chrysene
Concen: 0.392 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 8289

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.6	15.7	23.5

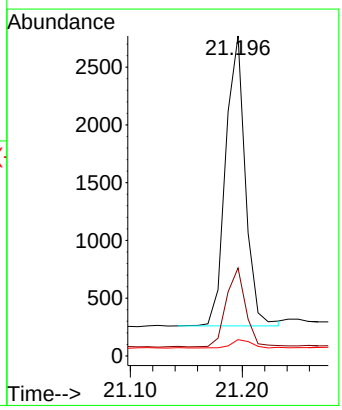


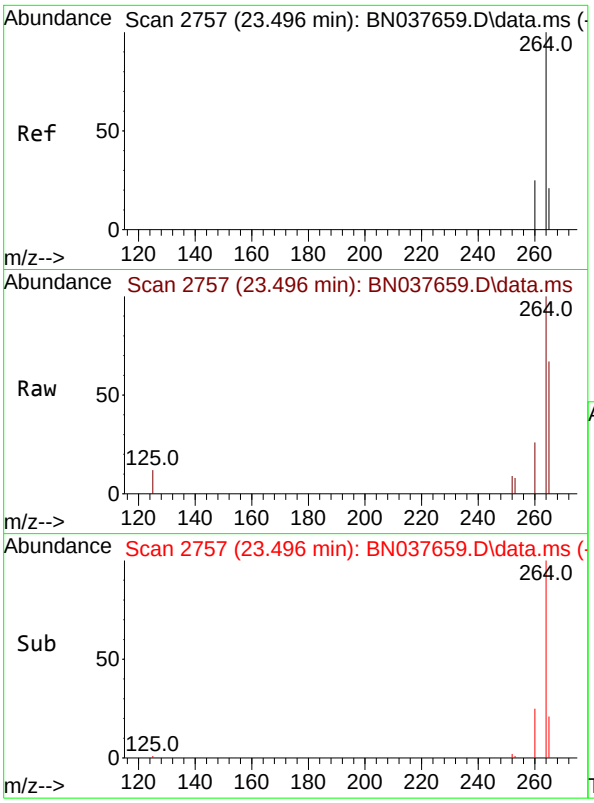


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.388 ng
RT: 21.196 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:149 Resp: 3065

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	2.9	2.4	3.6



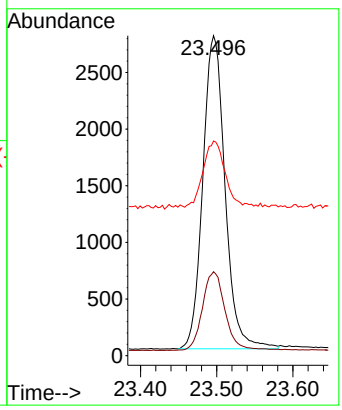


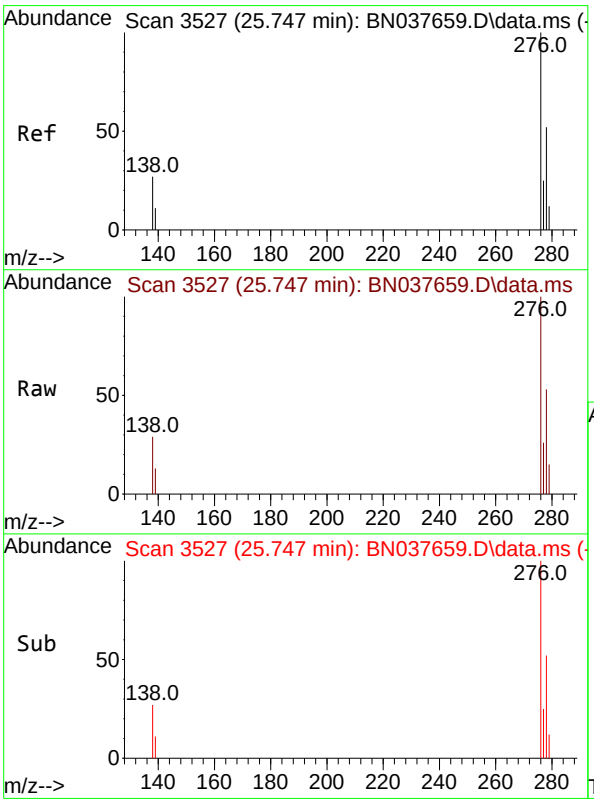
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 5595

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.0	31.4
265	67.1	53.7	80.5

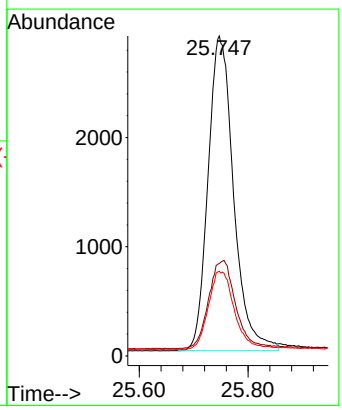


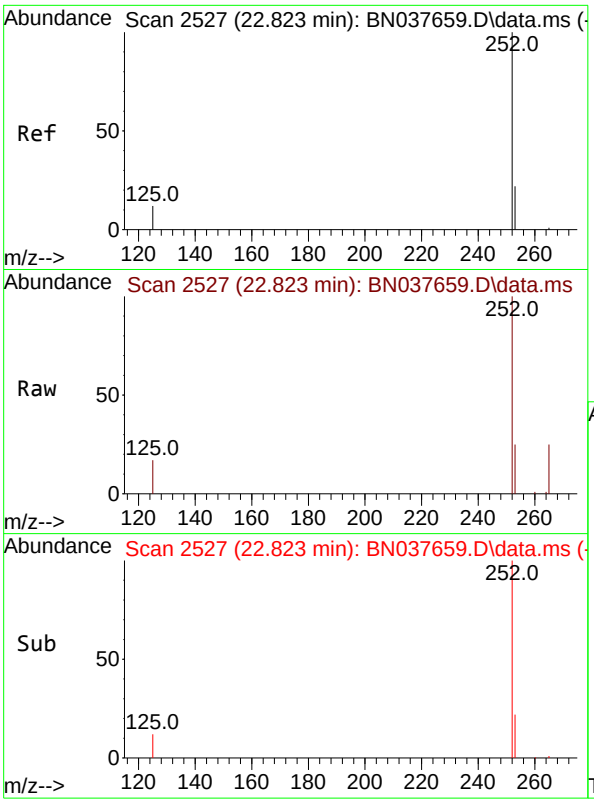


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng
RT: 25.747 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:276 Resp: 9393

Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.7	35.5
277	25.2	20.2	30.2



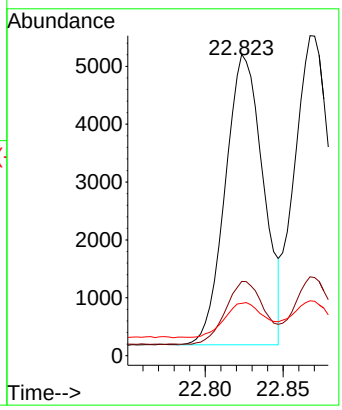


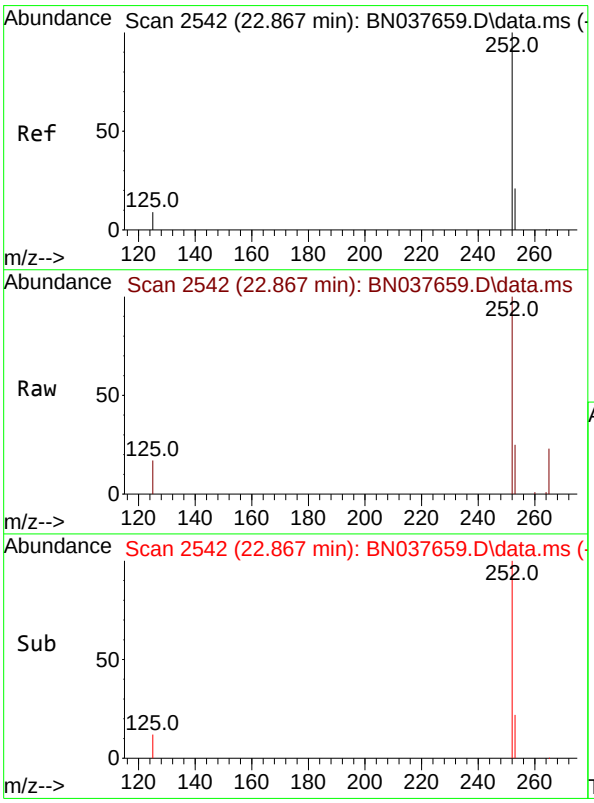
#37
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 22.823 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 8501

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.7	29.5
125	17.4	13.9	20.9

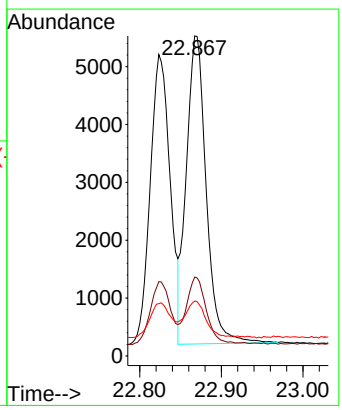


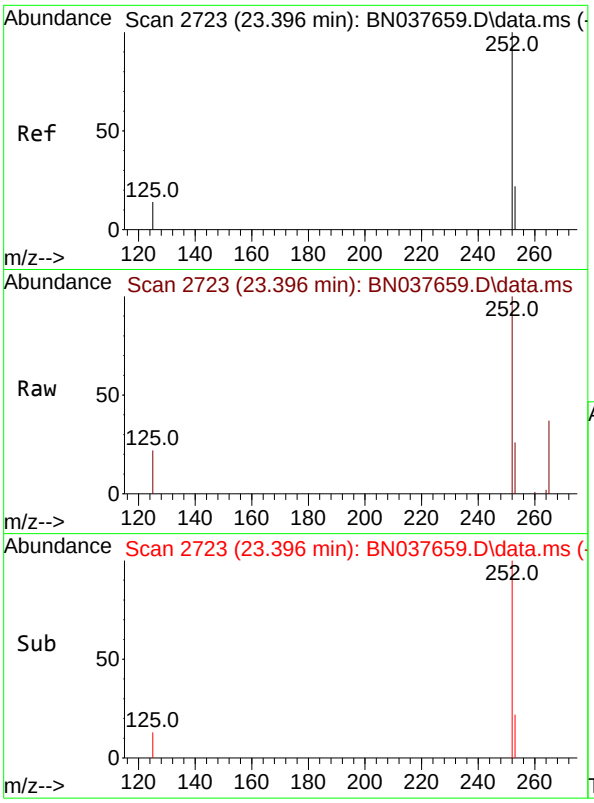


#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.867 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:252 Resp: 9009

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.7	29.5
125	17.1	13.7	20.5



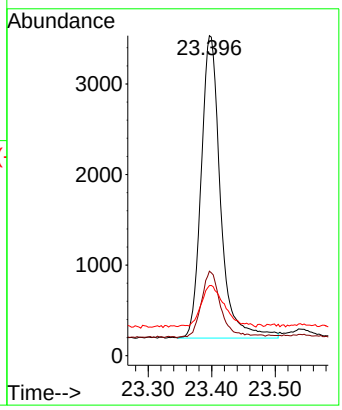


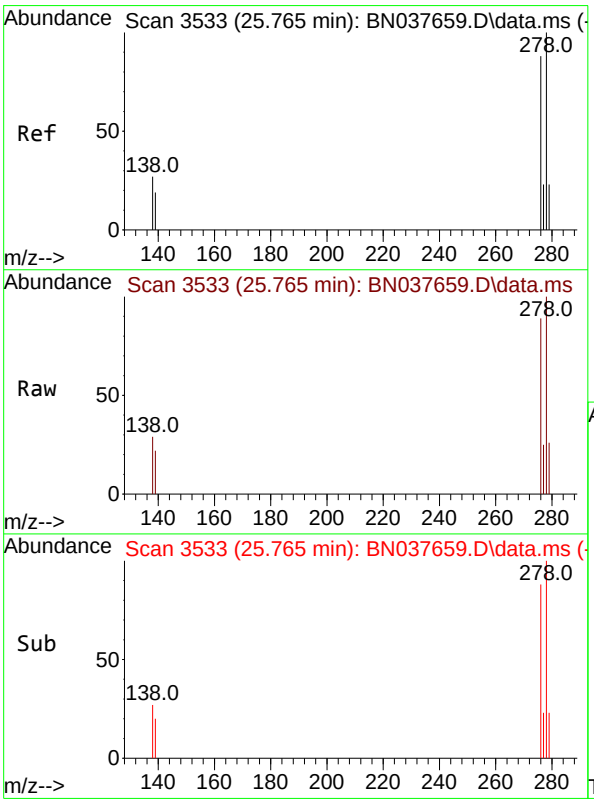
#39
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.396 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 7050

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.1	31.7
125	21.9	17.5	26.3

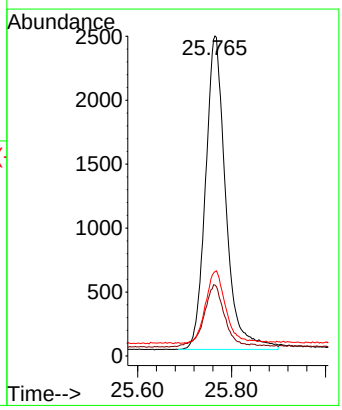


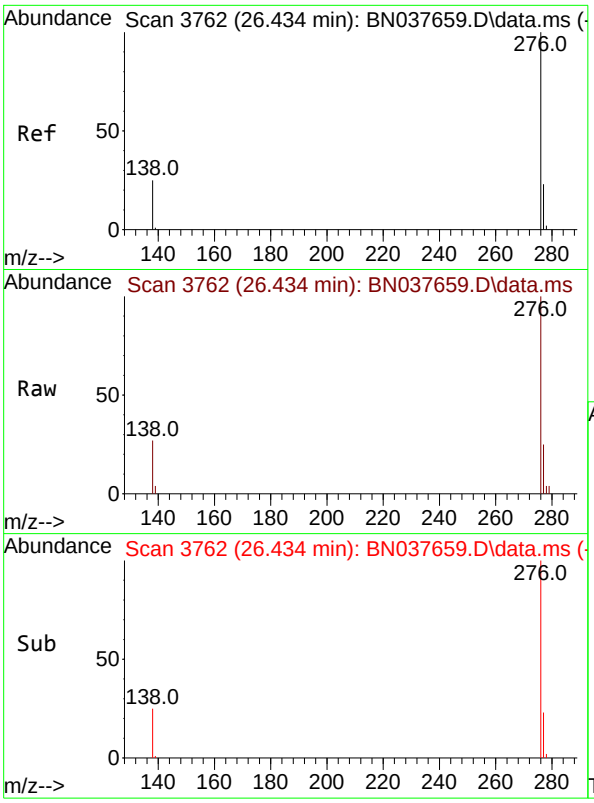


#40
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 25.765 min Scan# 3533
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Tgt Ion:278 Resp: 7326

Ion	Ratio	Lower	Upper
278	100		
139	22.1	17.7	26.5
279	26.4	21.1	31.7





#41
Benzo(g,h,i)perylene
Concen: 0.369 ng
RT: 26.434 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN037659.D
Acq: 04 Sep 2025 15:23

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 8202

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.1	30.1
138	27.2	21.8	32.6