Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081225\
Data File : BN037580.D
Acq On : 12 Aug 2025 17:39
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 13 04:48:21 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 04:46:02 2025
Response via : Initial Calibration

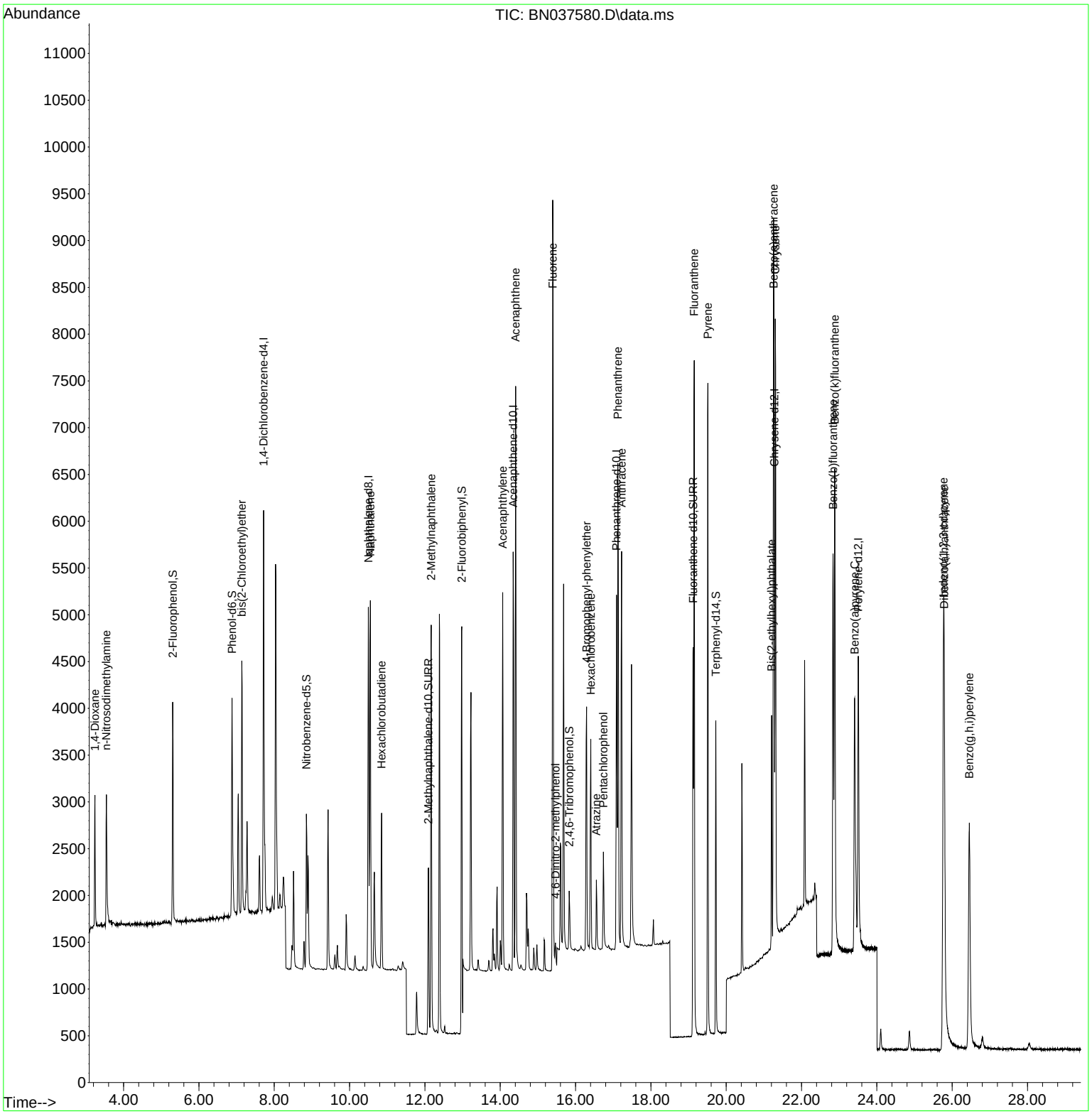
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2104	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	5140	0.400	ng		0.00
13) Acenaphthene-d10	14.345	164	2534	0.400	ng		0.00
19) Phenanthrene-d10	17.086	188	5032	0.400	ng		0.00
29) Chrysene-d12	21.277	240	4317	0.400	ng		0.00
35) Perylene-d12	23.507	264	4188	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1869	0.392	ng		0.00
5) Phenol-d6	6.879	99	2197	0.383	ng		0.00
8) Nitrobenzene-d5	8.854	82	1348	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	2609	0.373	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	396	0.357	ng		0.00
15) 2-Fluorobiphenyl	12.978	172	5829	0.398	ng		0.00
27) Fluoranthene-d10	19.122	212	4801	0.363	ng		0.00
31) Terphenyl-d14	19.726	244	3436	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	832	0.413	ng		99
3) n-Nitrosodimethylamine	3.543	42	1027	0.399	ng		100
6) bis(2-Chloroethyl)ether	7.139	93	2053	0.397	ng		100
9) Naphthalene	10.551	128	5329	0.389	ng		100
10) Hexachlorobutadiene	10.850	225	1347	0.403	ng	#	100
12) 2-Methylnaphthalene	12.166	142	3264	0.380	ng		100
16) Acenaphthylene	14.067	152	4334	0.382	ng		100
17) Acenaphthene	14.409	154	2969	0.384	ng		100
18) Fluorene	15.392	166	3861	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	231	0.433	ng		100
21) 4-Bromophenyl-phenylether	16.292	248	1177	0.372	ng		100
22) Hexachlorobenzene	16.404	284	1790	0.399	ng		100
23) Atrazine	16.553	200	654	0.366	ng		100
24) Pentachlorophenol	16.739	266	571	0.363	ng		100
25) Phenanthrene	17.124	178	5887	0.385	ng		100
26) Anthracene	17.223	178	5009	0.370	ng		100
28) Fluoranthene	19.150	202	6535	0.372	ng		100
30) Pyrene	19.512	202	6320	0.392	ng		100
32) Benzo(a)anthracene	21.259	228	5452	0.378	ng		100
33) Chrysene	21.304	228	6185	0.385	ng		100
34) Bis(2-ethylhexyl)phtha...	21.205	149	2252	0.378	ng		100
36) Indeno(1,2,3-cd)pyrene	25.767	276	6753	0.383	ng		100
37) Benzo(b)fluoranthene	22.838	252	5604	0.353	ng		100
38) Benzo(k)fluoranthene	22.882	252	6915	0.386	ng		100
39) Benzo(a)pyrene	23.411	252	4812	0.366	ng		100
40) Dibenzo(a,h)anthracene	25.788	278	5118	0.374	ng		100
41) Benzo(g,h,i)perylene	26.454	276	5284	0.366	ng		100

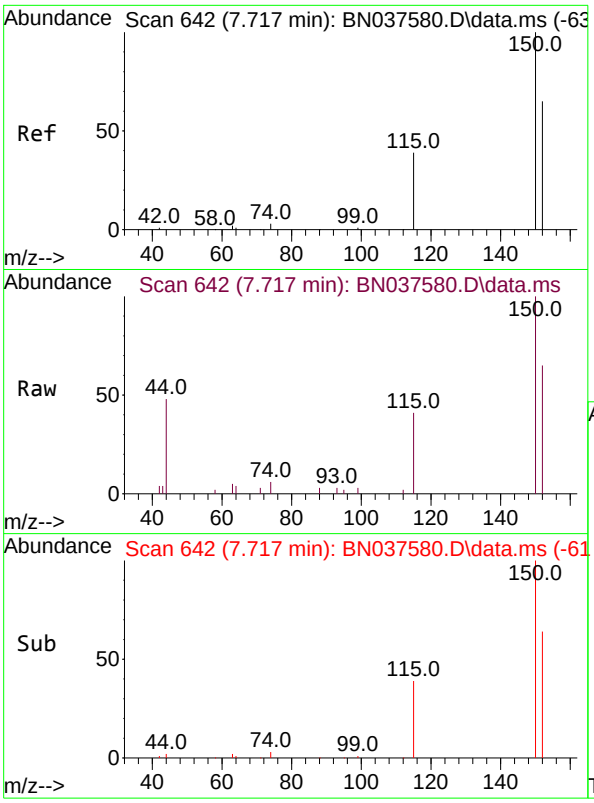
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081225\
Data File : BN037580.D
Acq On : 12 Aug 2025 17:39
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 13 04:48:21 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 04:46:02 2025
Response via : Initial Calibration



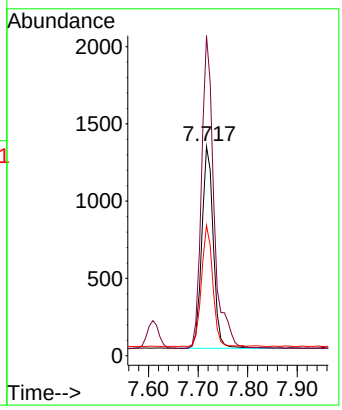


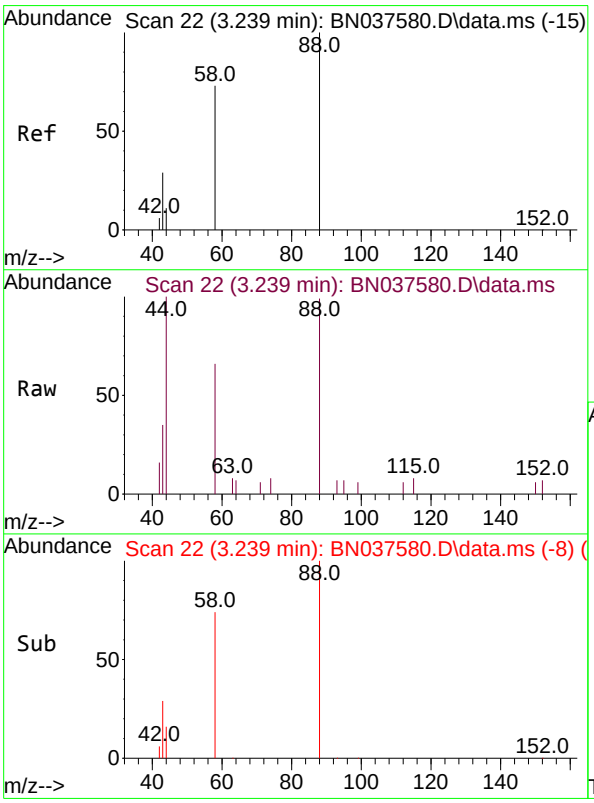
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2104

Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.2	183.4
115	62.2	49.8	74.6

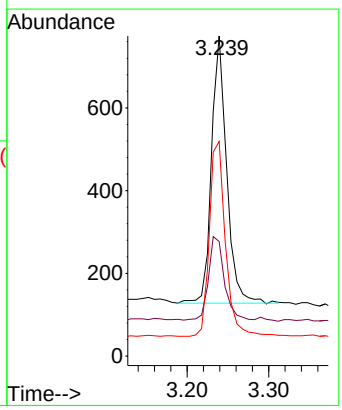


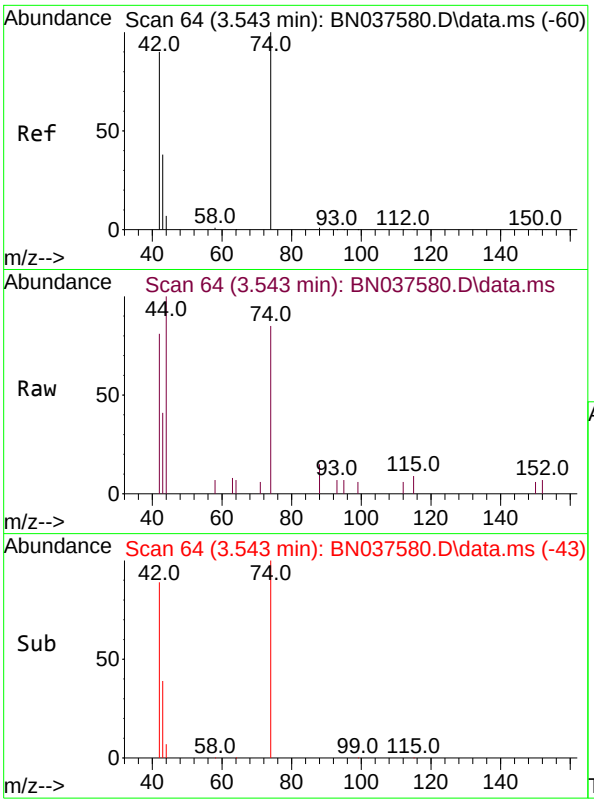


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion: 88 Resp: 832

Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.8	38.6
58	77.6	61.2	91.8



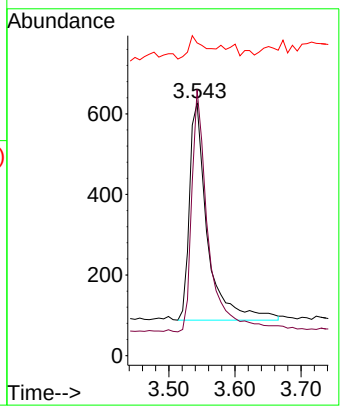


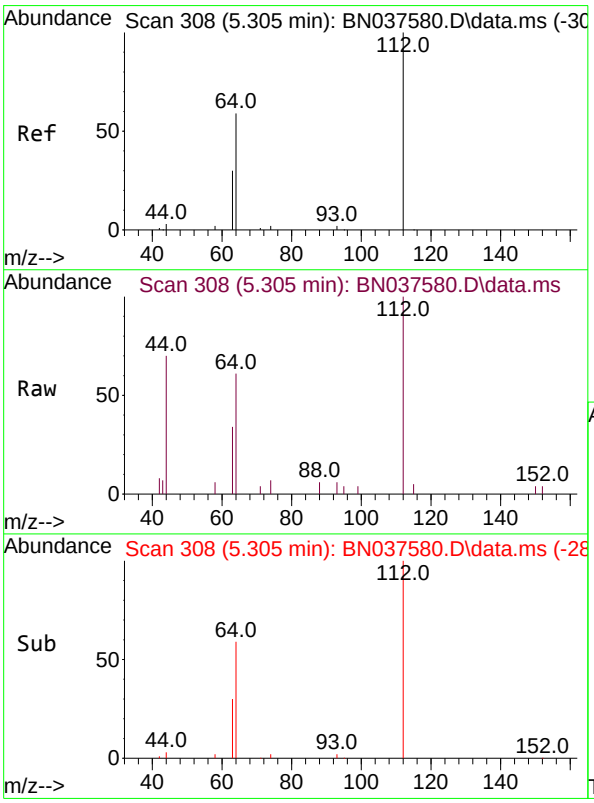
#3
n-Nitrosodimethylamine
Concen: 0.399 ng
RT: 3.543 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1027

Ion	Ratio	Lower	Upper
42	100		
74	102.7	82.0	123.0
44	9.8	7.9	11.9

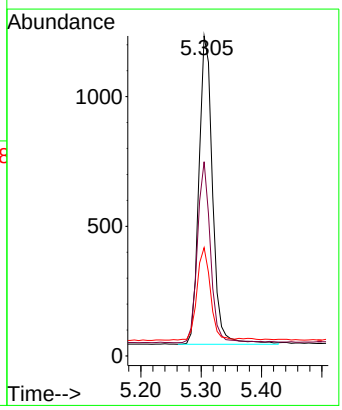


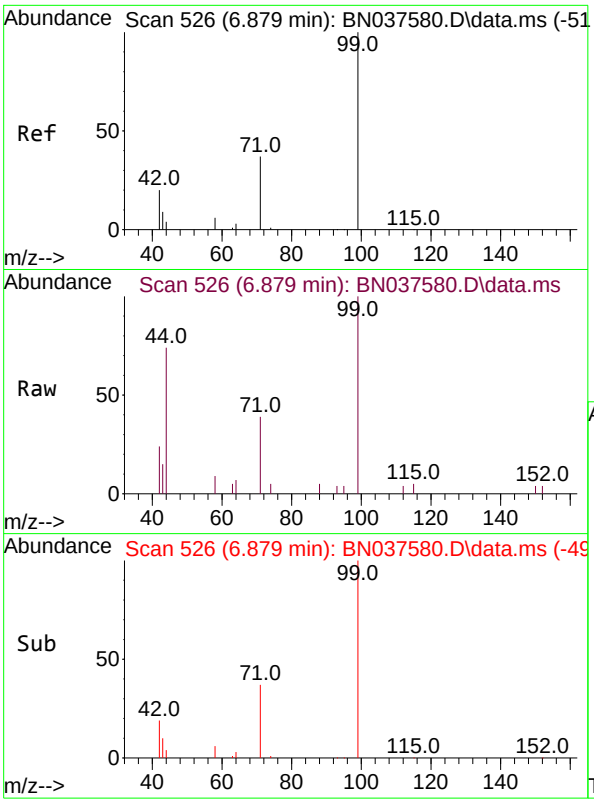


#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:112 Resp: 1869

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	29.3	23.4	35.2



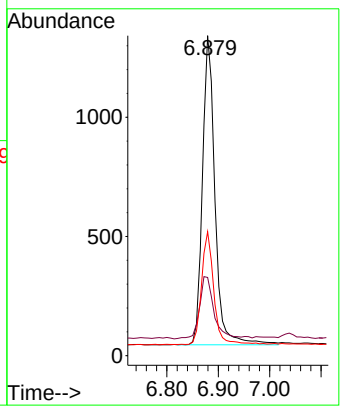


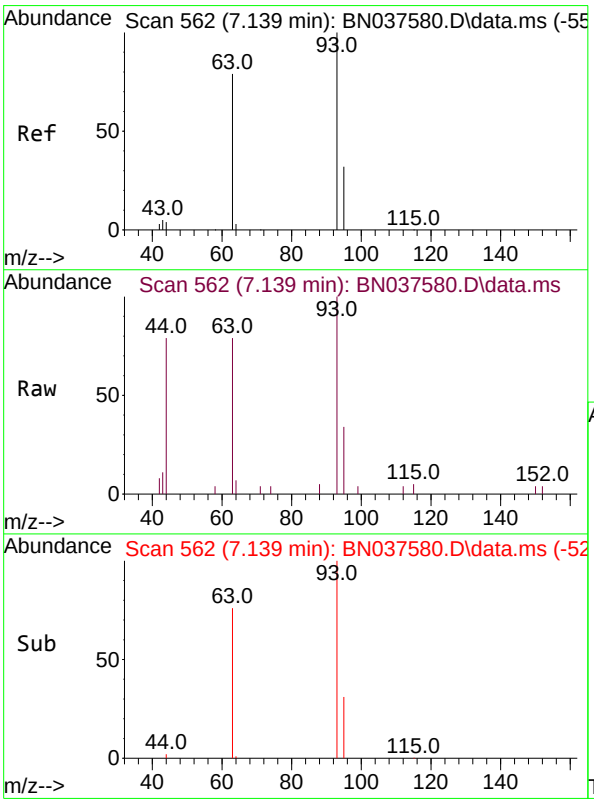
#5
Phenol-d6
Concen: 0.383 ng
RT: 6.879 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 2197

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.5	27.7
71	35.7	28.6	42.8

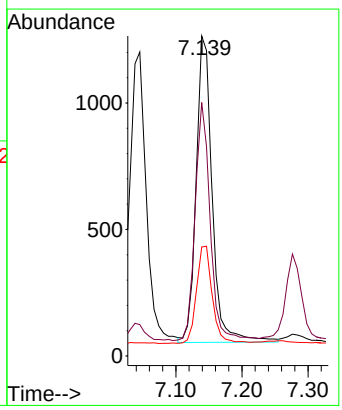


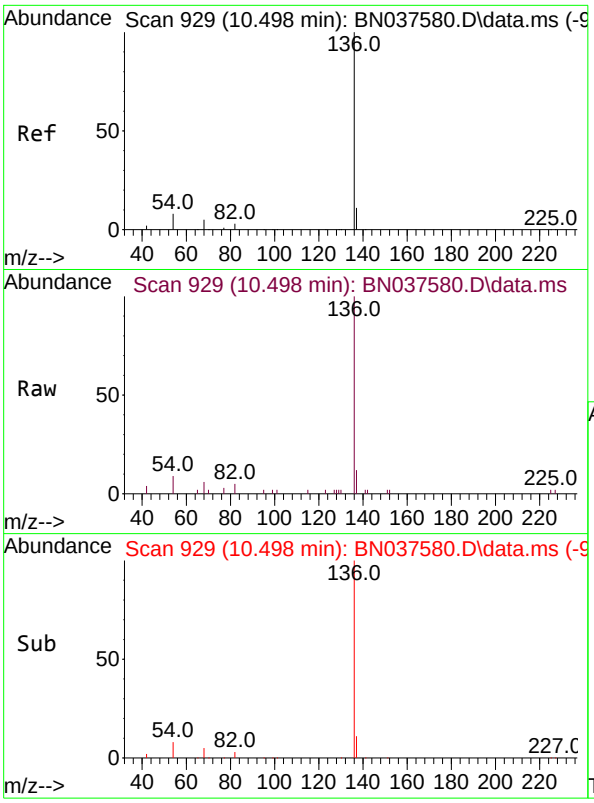


#6
bis(2-Chloroethyl)ether
Concen: 0.397 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion: 93 Resp: 2053

Ion	Ratio	Lower	Upper
93	100		
63	72.5	58.0	87.0
95	31.1	24.9	37.3



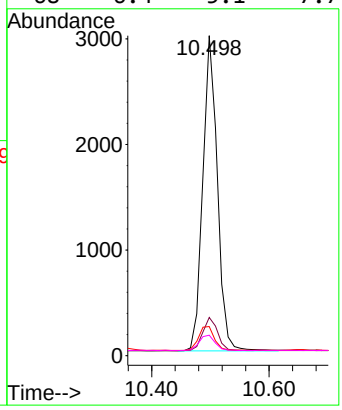


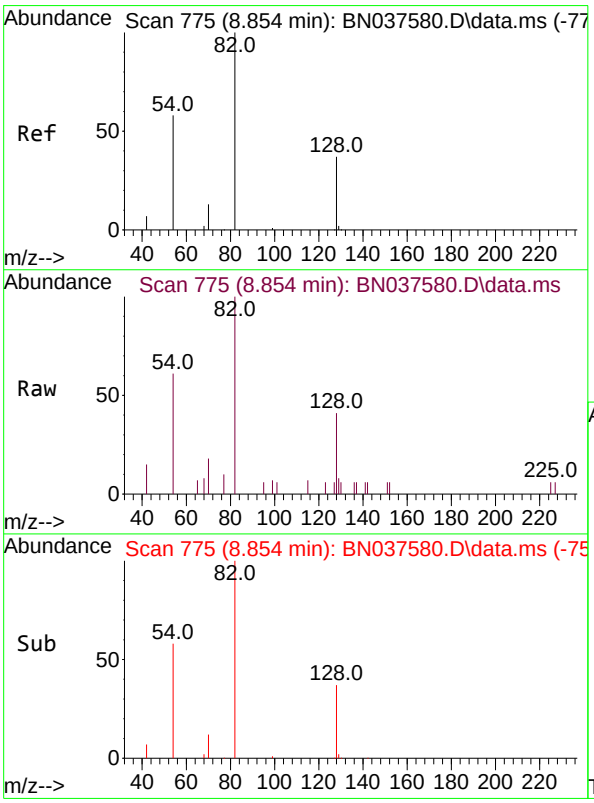
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 5140

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	9.1	7.3	10.9
68	6.4	5.1	7.7

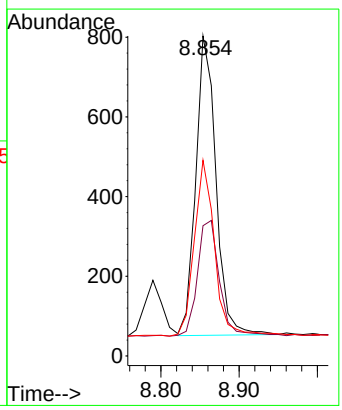


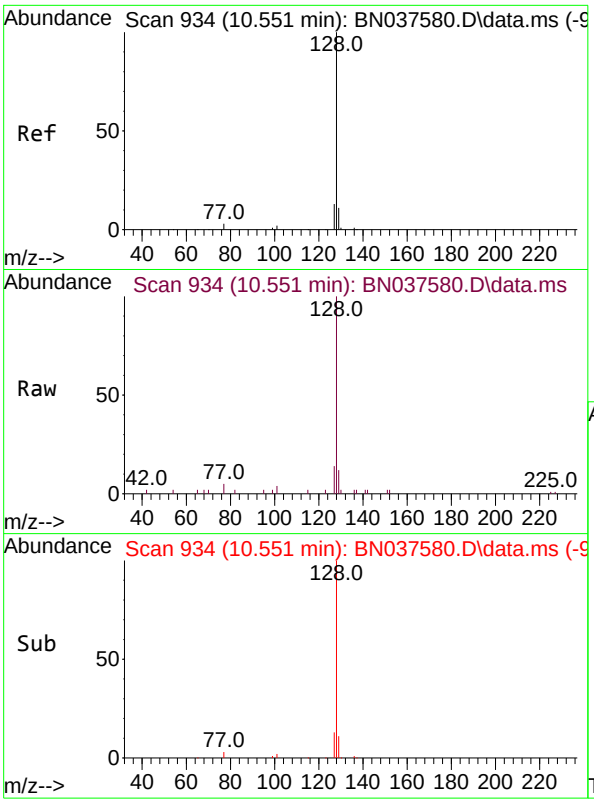


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion: 82 Resp: 1348

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.6	48.8
54	61.1	48.9	73.3



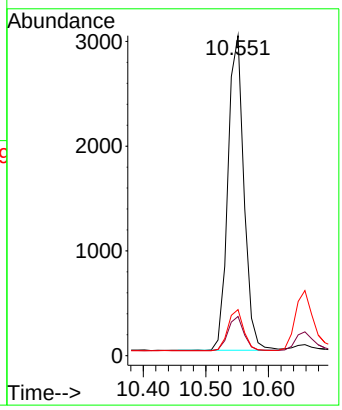


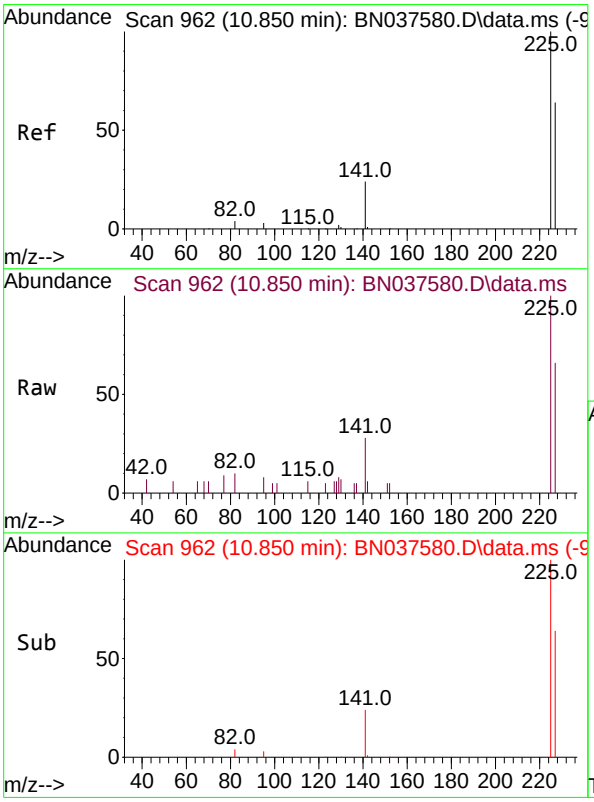
#9
Naphthalene
Concen: 0.389 ng
RT: 10.551 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 5329

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.4	11.5	17.3

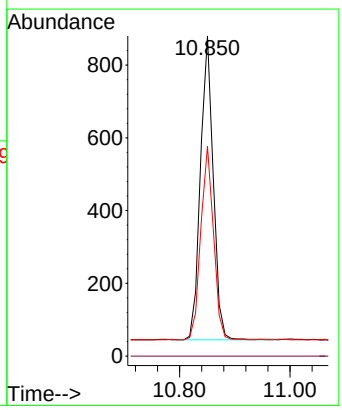


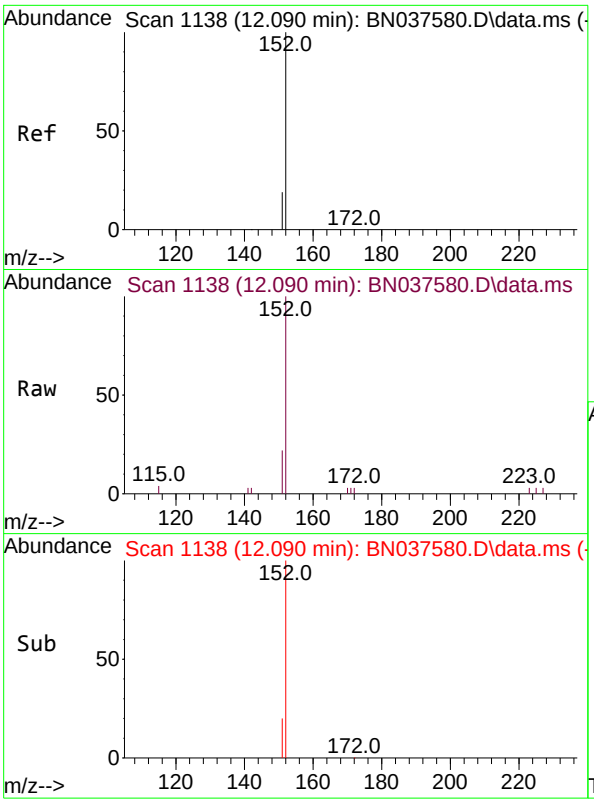


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.850 min Scan# 962
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:225 Resp: 1347

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.8	76.2



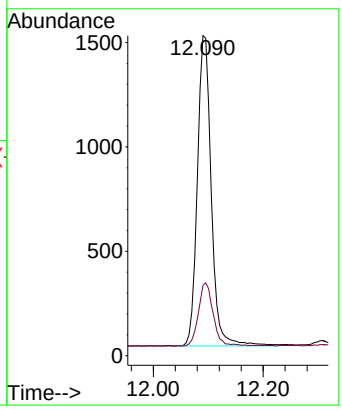


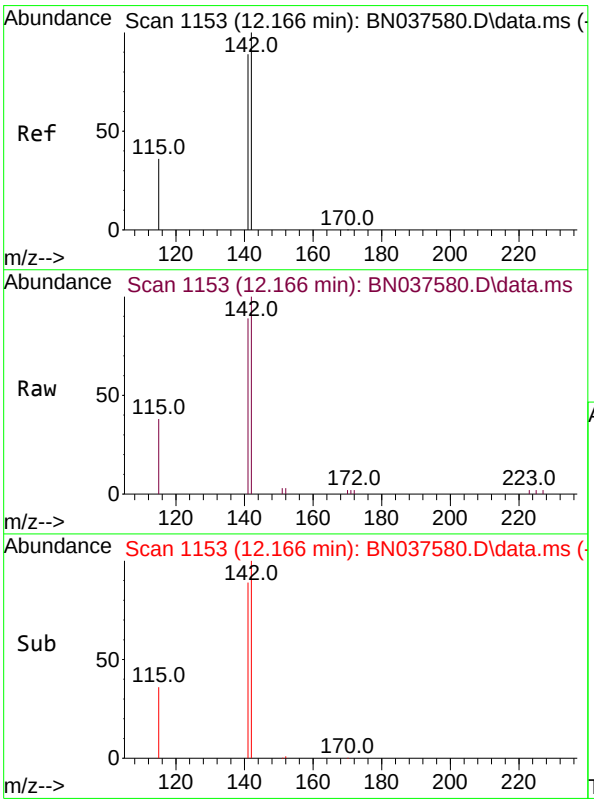
#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.090 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2609

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.3	25.9

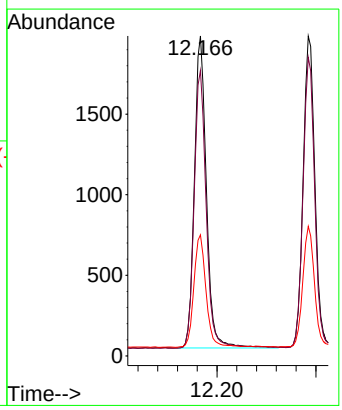


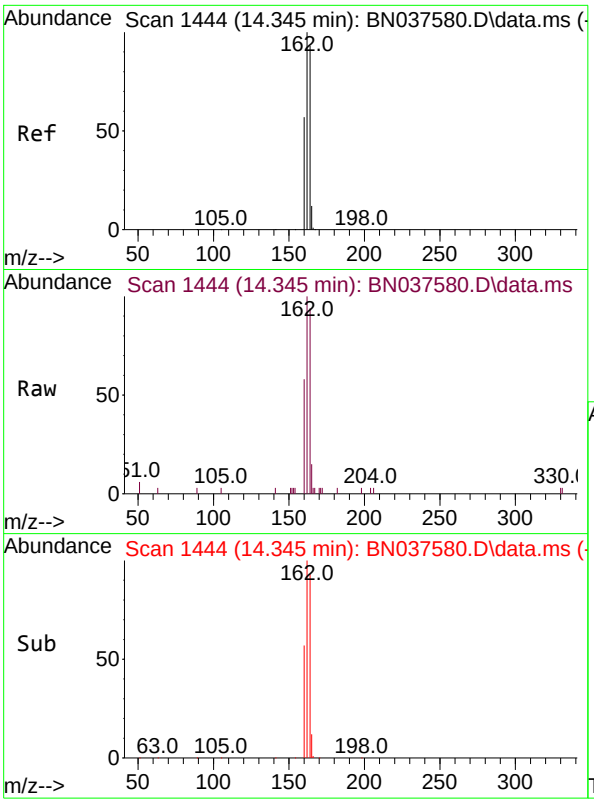


#12
2-Methylnaphthalene
Concen: 0.380 ng
RT: 12.166 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:142 Resp: 3264

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	37.8	30.2	45.4



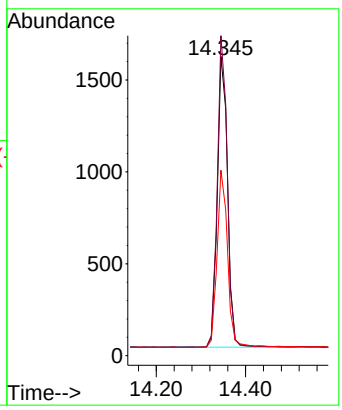


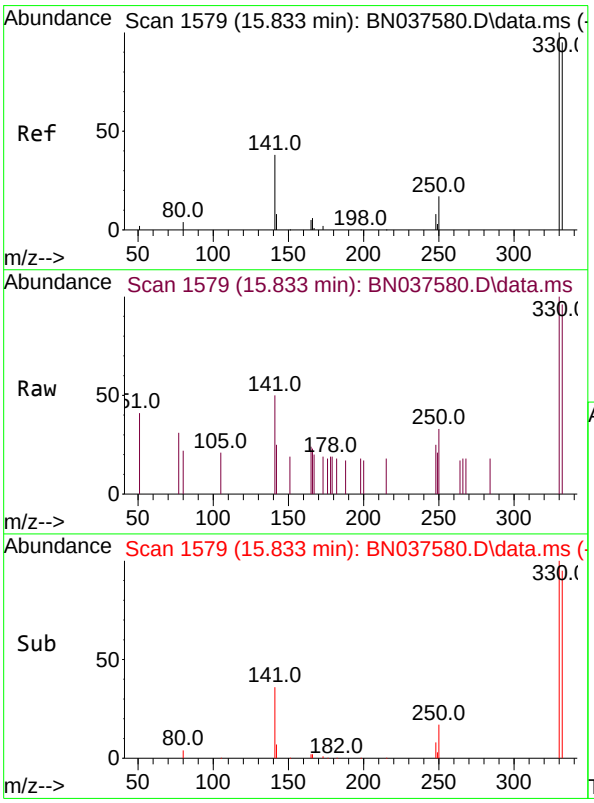
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 2534

Ion	Ratio	Lower	Upper
164	100		
162	106.9	85.5	128.3
160	61.9	49.5	74.3

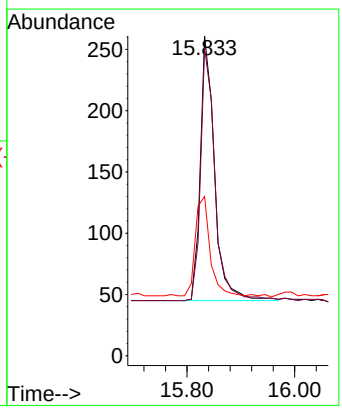


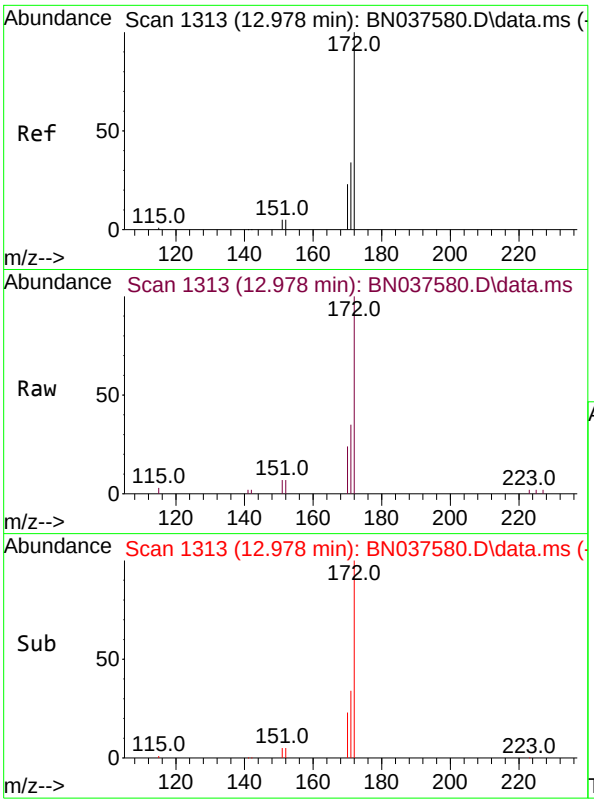


#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:330 Resp: 396

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	38.6	30.9	46.3



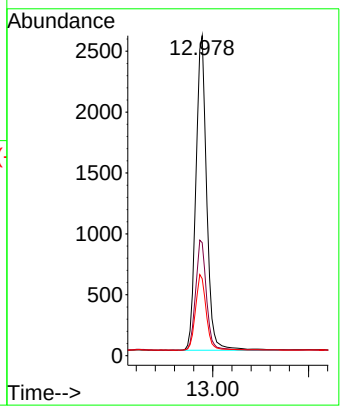


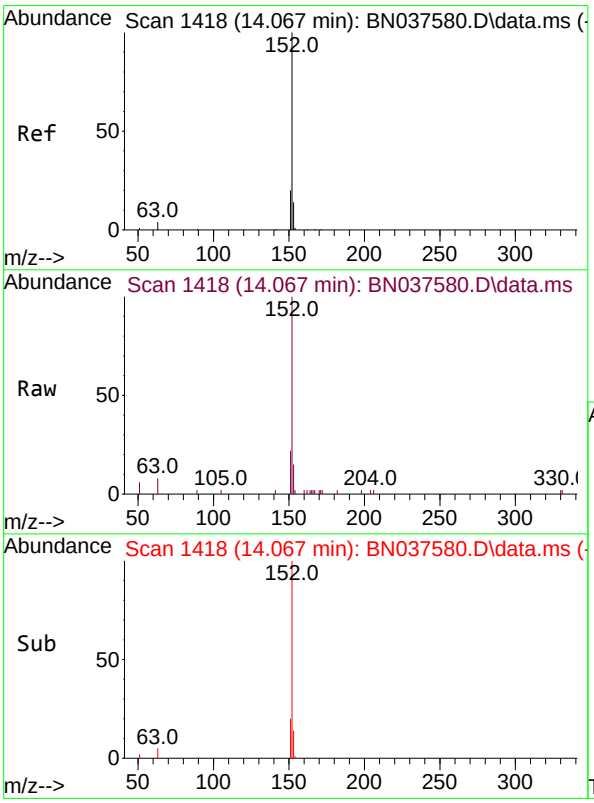
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.978 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 5829

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	24.0	19.2	28.8

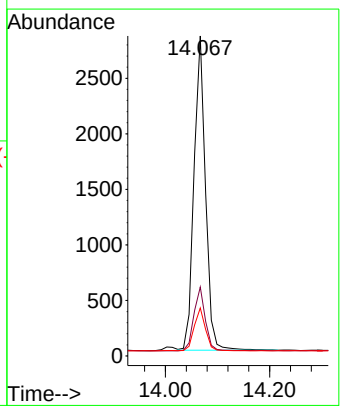


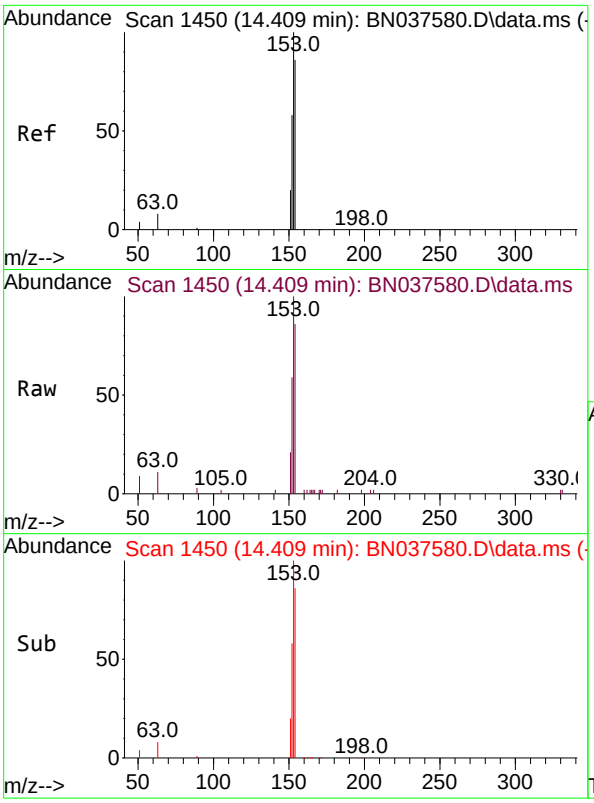


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.067 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:152 Resp: 4334

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.4	10.7	16.1



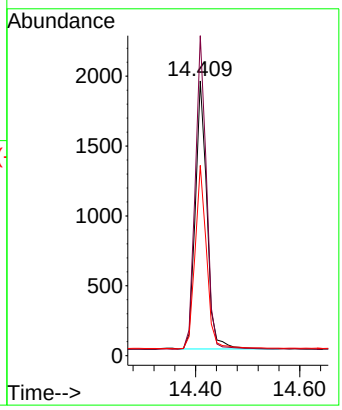


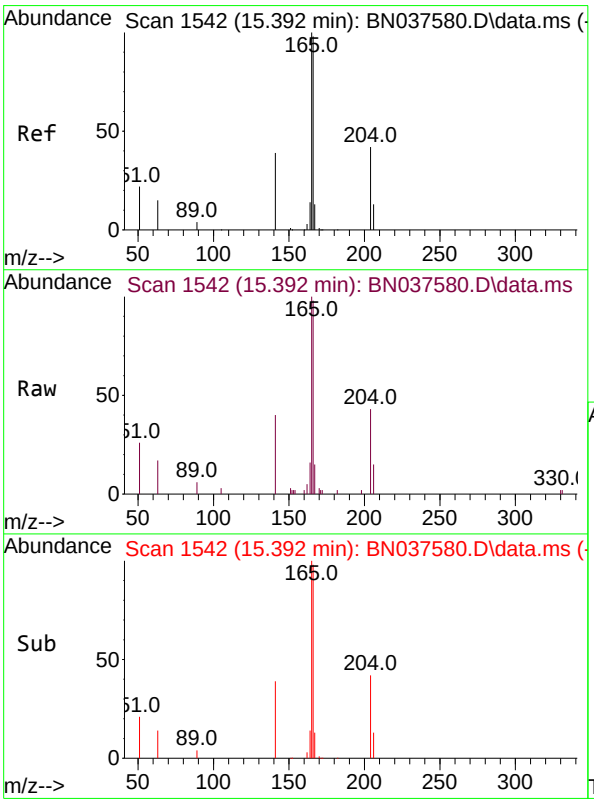
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.409 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 2969

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.6	135.8
152	68.6	54.9	82.3

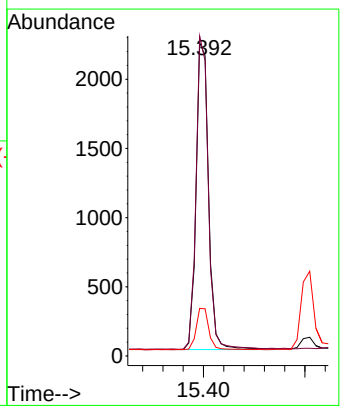


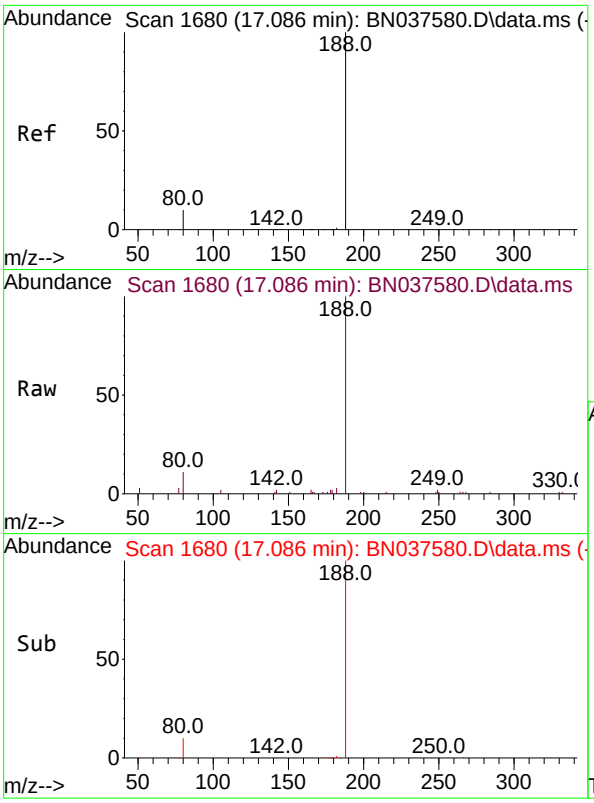


#18
Fluorene
Concen: 0.382 ng
RT: 15.392 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:166 Resp: 3861

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.9	118.3
167	13.4	10.7	16.1



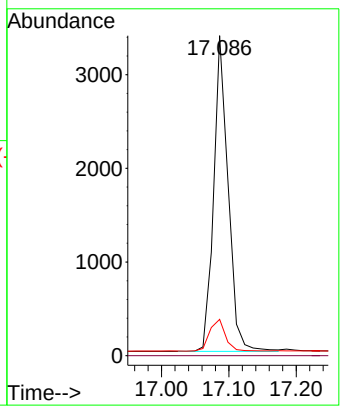


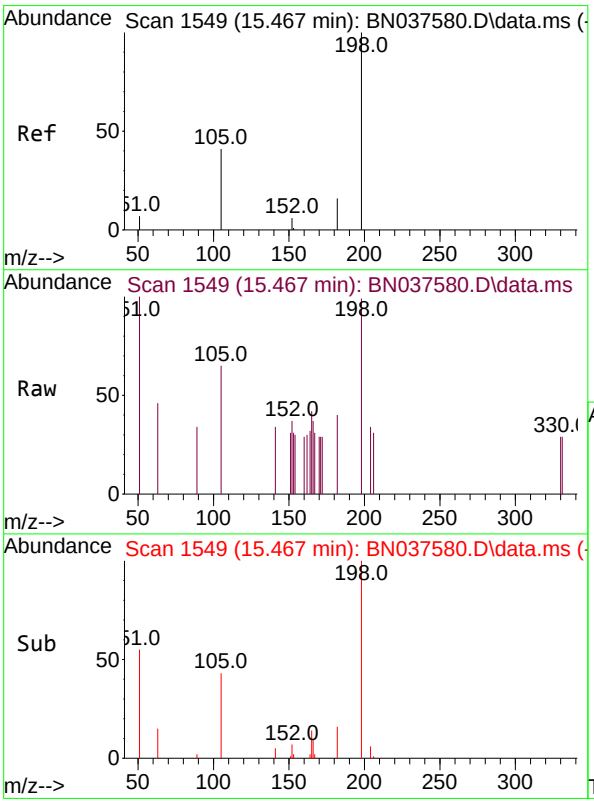
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 5032

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.1	13.7

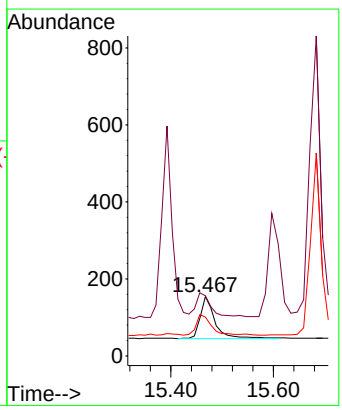


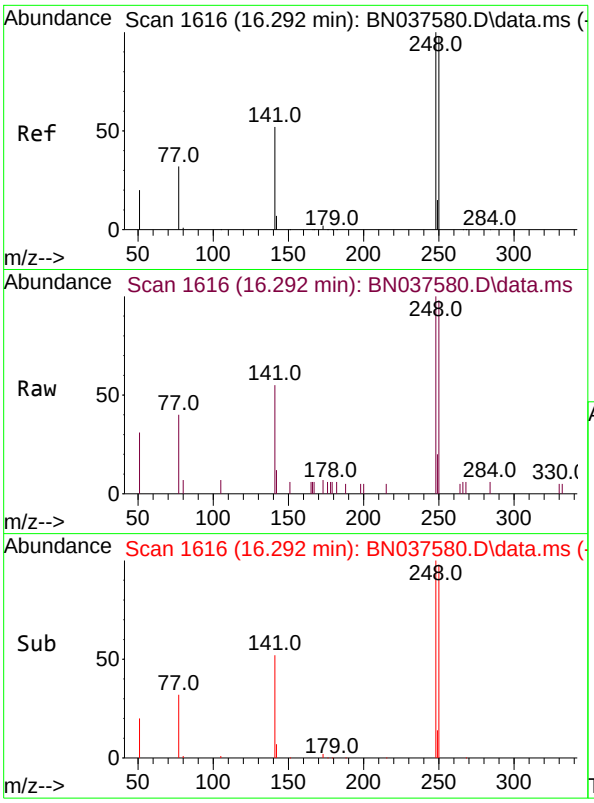


#20
4,6-Dinitro-2-methylphenol
Concen: 0.433 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:198 Resp: 231

Ion	Ratio	Lower	Upper
198	100		
51	101.3	81.0	121.6
105	65.6	52.5	78.7



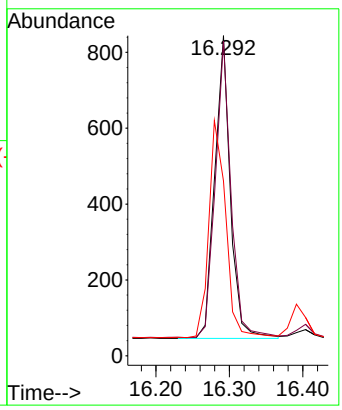


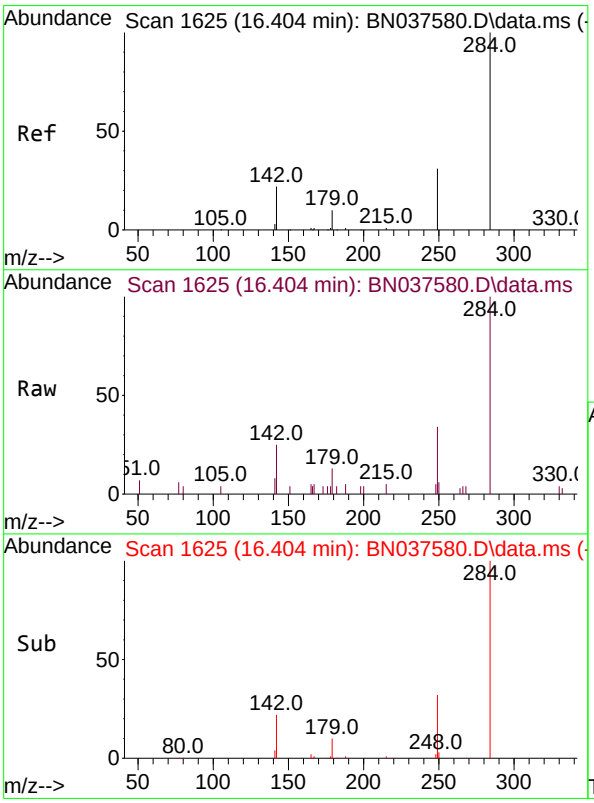
#21
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 1177

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.6	118.0
141	54.6	43.7	65.5

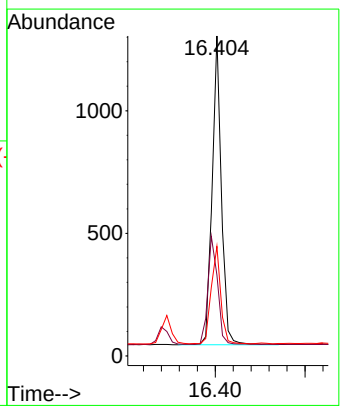


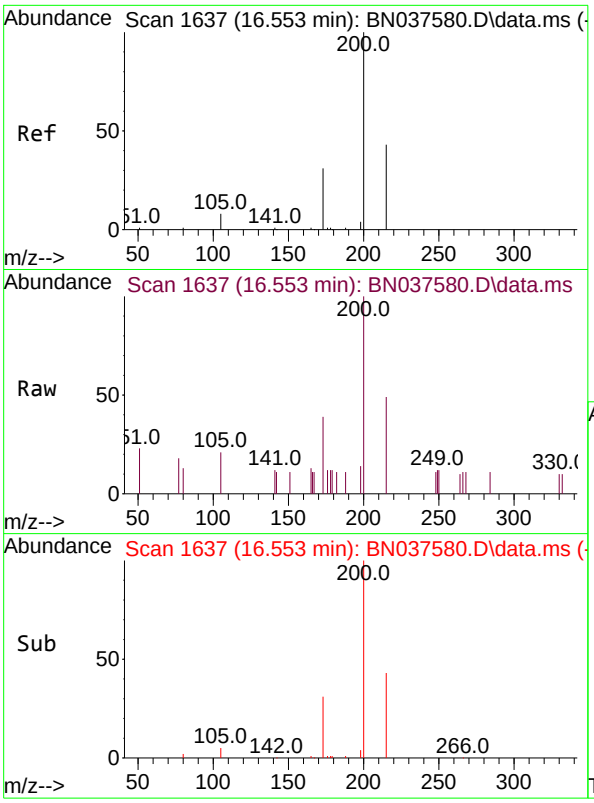


#22
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:284 Resp: 1790

Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.8	44.6
249	32.5	26.0	39.0



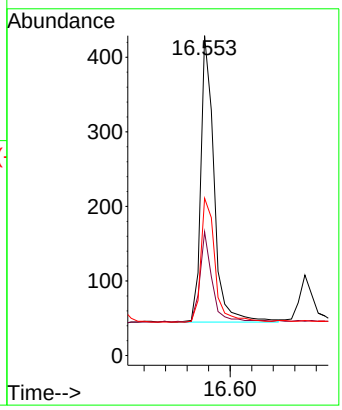


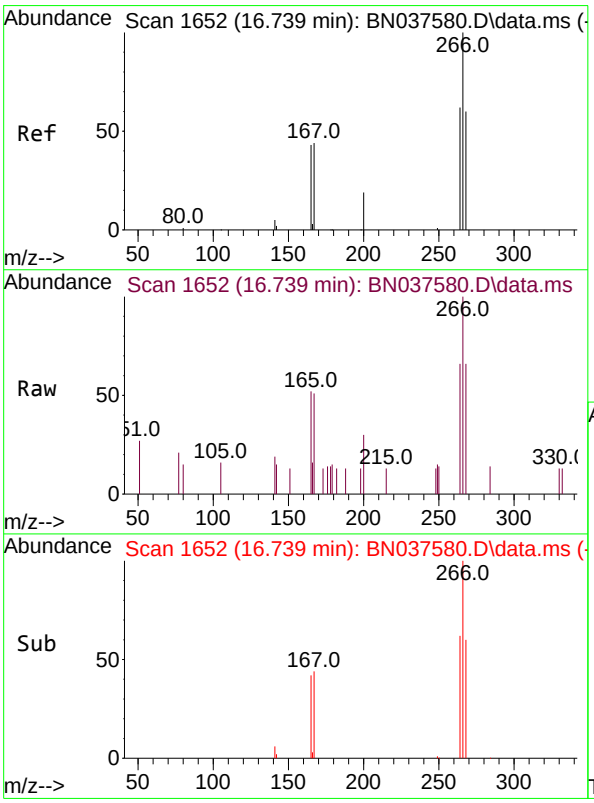
#23
Atrazine
Concen: 0.366 ng
RT: 16.553 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 654

Ion	Ratio	Lower	Upper
200	100		
173	38.7	31.0	46.4
215	49.2	39.4	59.0

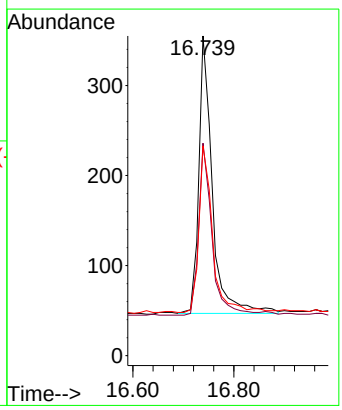


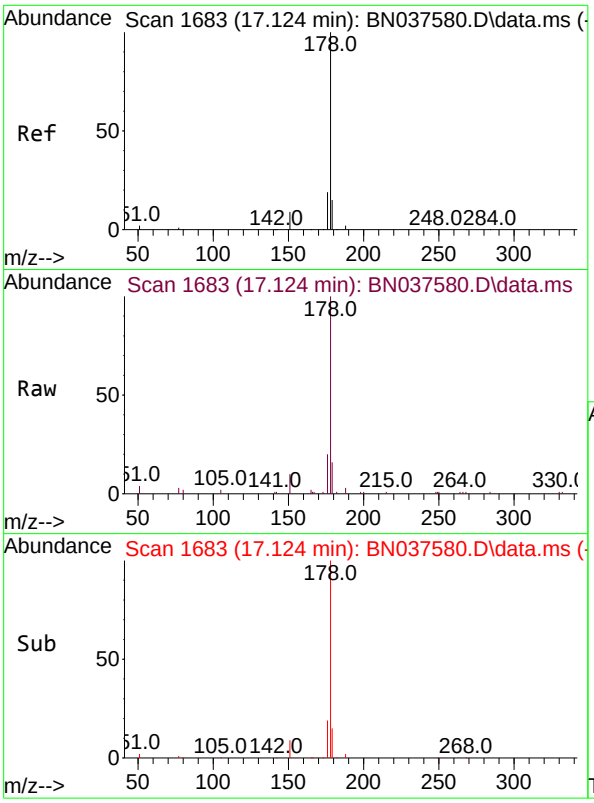


#24
Pentachlorophenol
Concen: 0.363 ng
RT: 16.739 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:266 Resp: 571

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.6	74.4
268	61.5	49.2	73.8



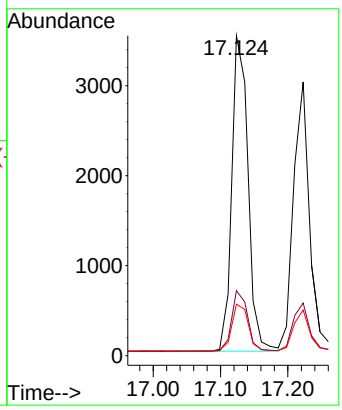


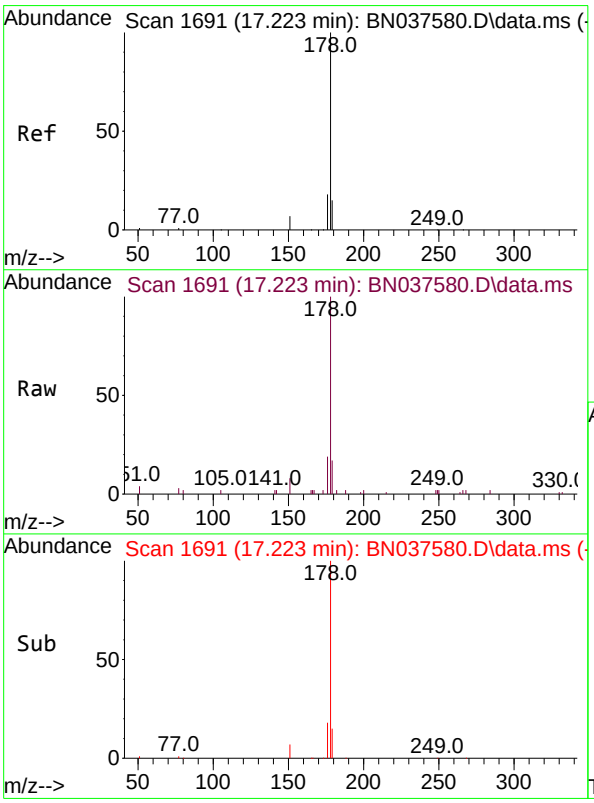
#25
Phenanthrene
Concen: 0.385 ng
RT: 17.124 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 5887

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.3	18.5

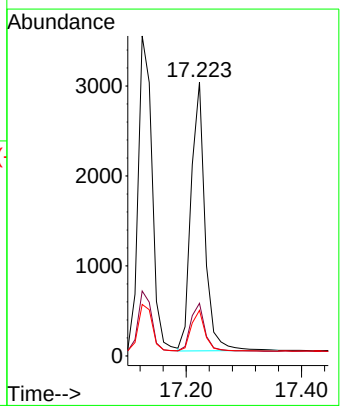


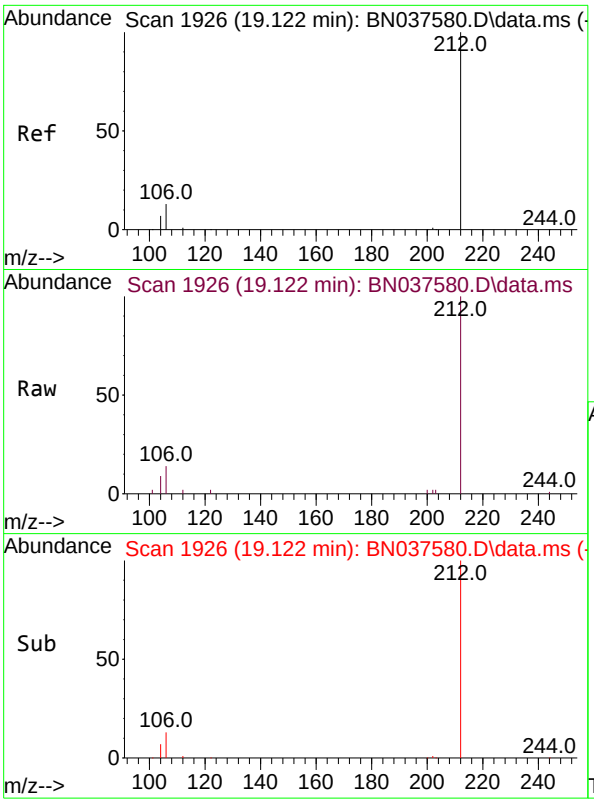


#26
Anthracene
Concen: 0.370 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:178 Resp: 5009

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.4	12.3	18.5



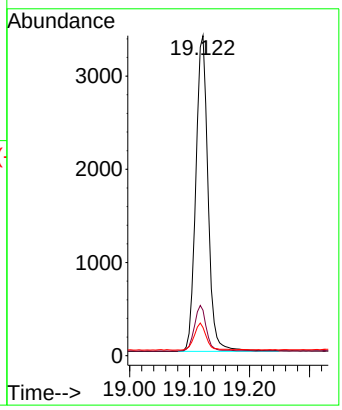


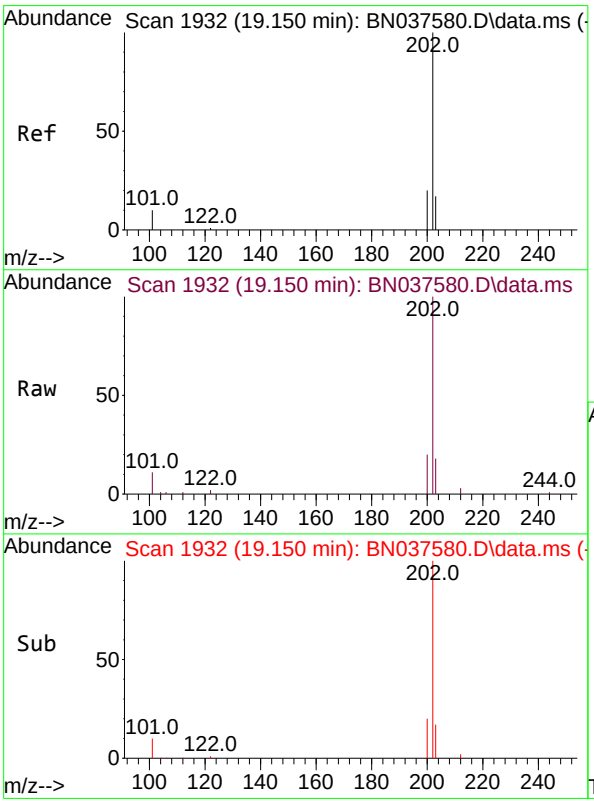
#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 4801

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.5	17.3
104	8.2	6.6	9.8

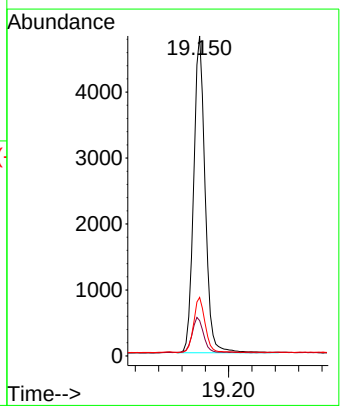


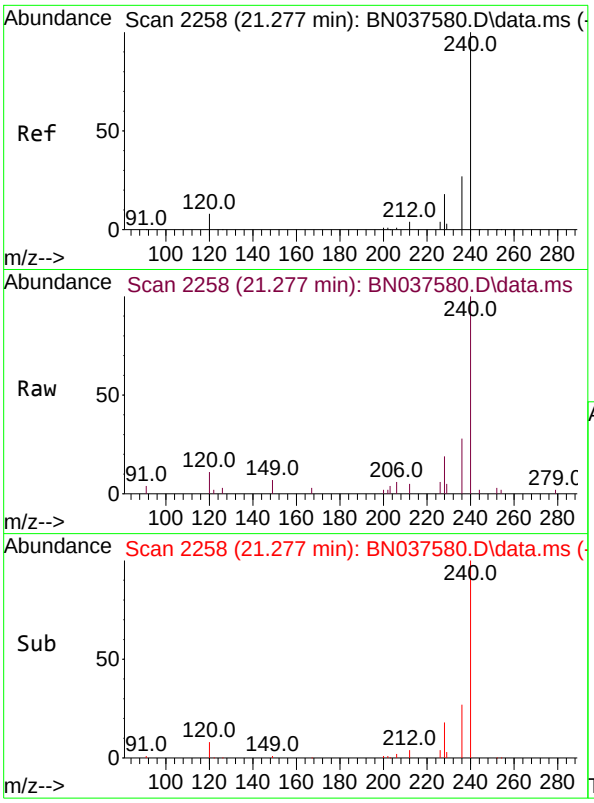


#28
Fluoranthene
Concen: 0.372 ng
RT: 19.150 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:202 Resp: 6535

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.6
203	17.3	13.8	20.8



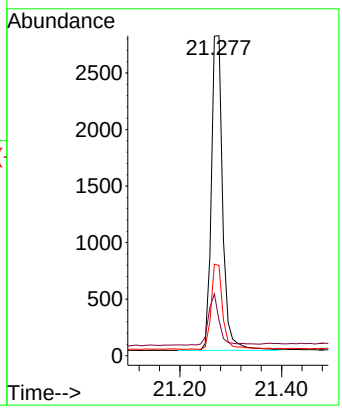


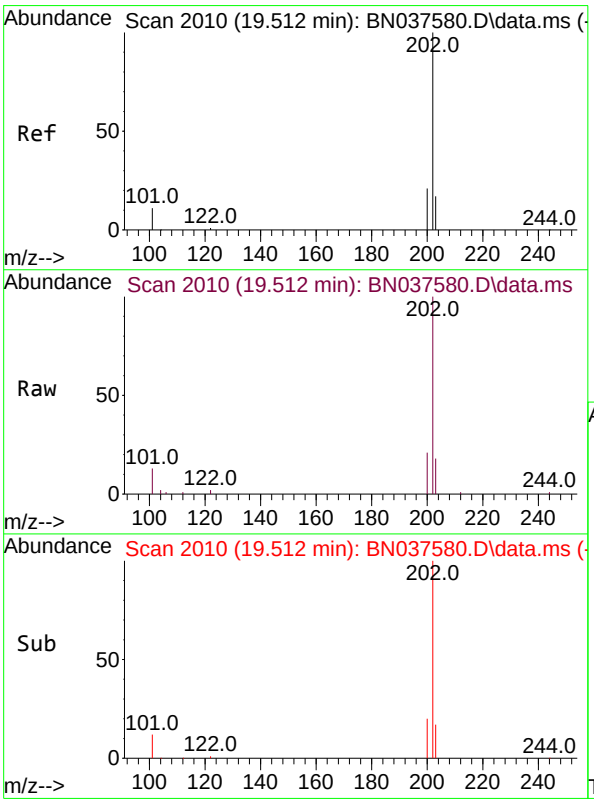
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 4317

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	28.2	22.6	33.8

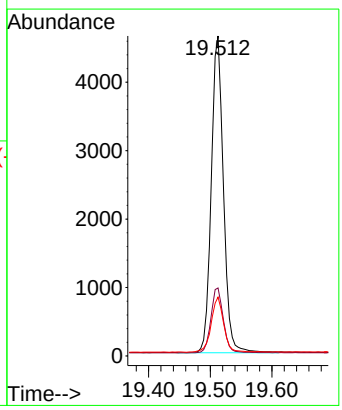


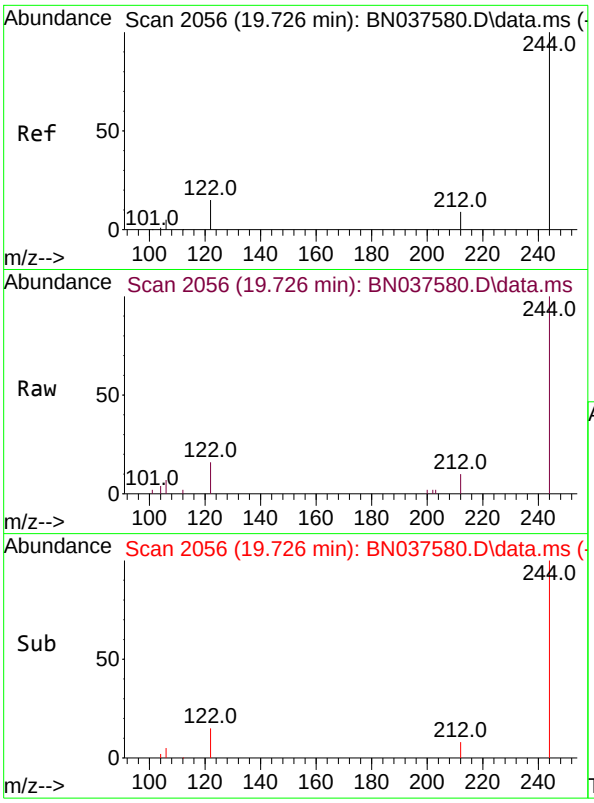


#30
Pyrene
Concen: 0.392 ng
RT: 19.512 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:202 Resp: 6320

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.9	14.3	21.5



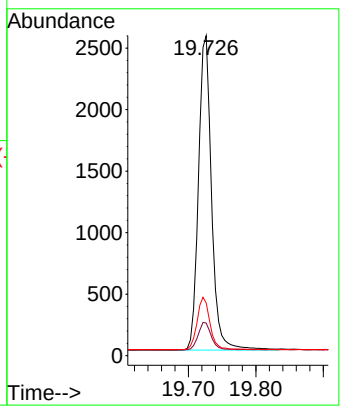


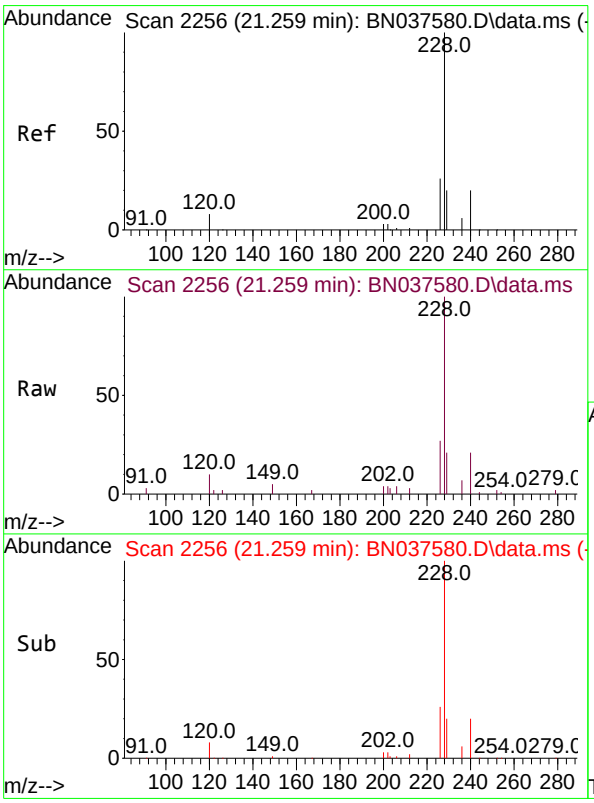
#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.726 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 3436

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.2	12.2
122	16.5	13.2	19.8

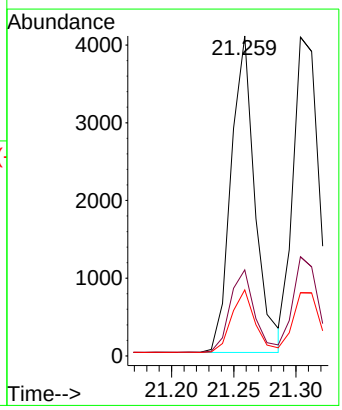


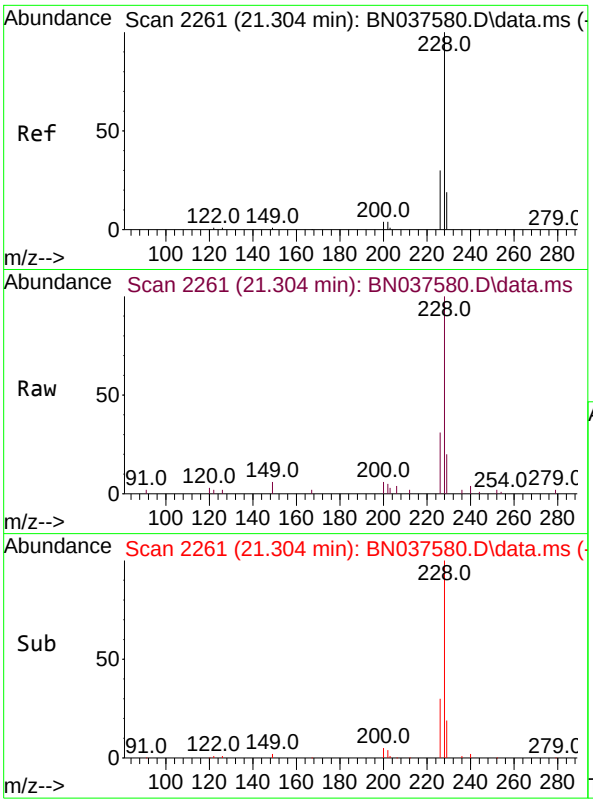


#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.259 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:228 Resp: 5452

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	20.6	16.5	24.7



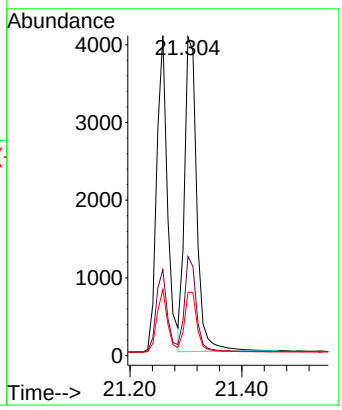


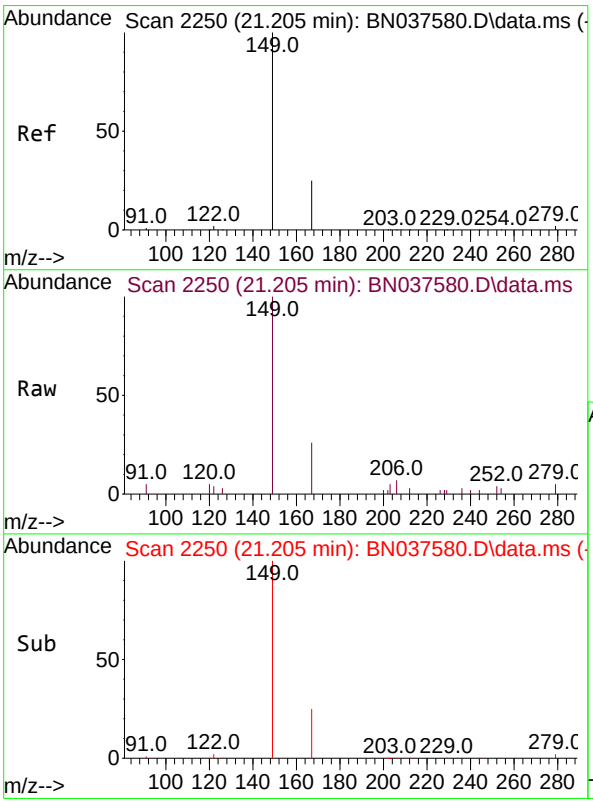
#33
Chrysene
Concen: 0.385 ng
RT: 21.304 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 6185

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.8	15.8	23.8

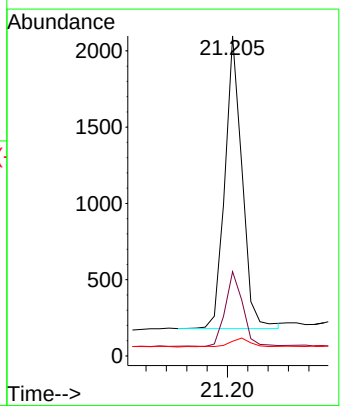


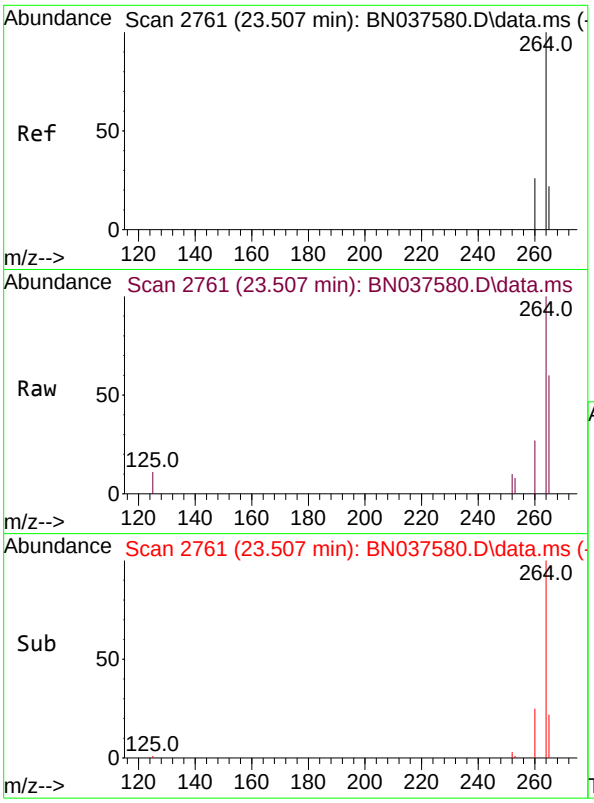


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.378 ng
RT: 21.205 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:149 Resp: 2252

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.5	30.7
279	3.8	2.6	4.0



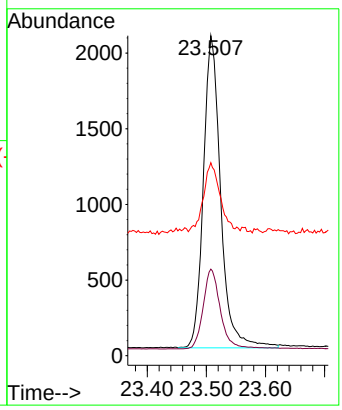


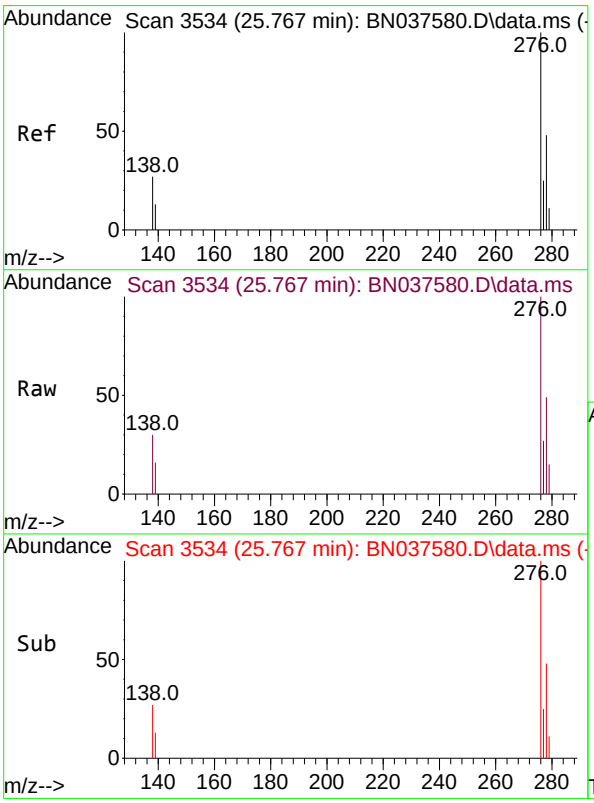
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.507 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 4188

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.6	32.4
265	60.3	48.2	72.4

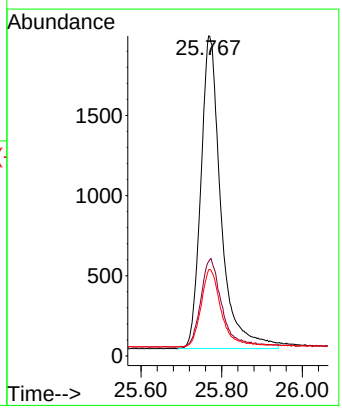


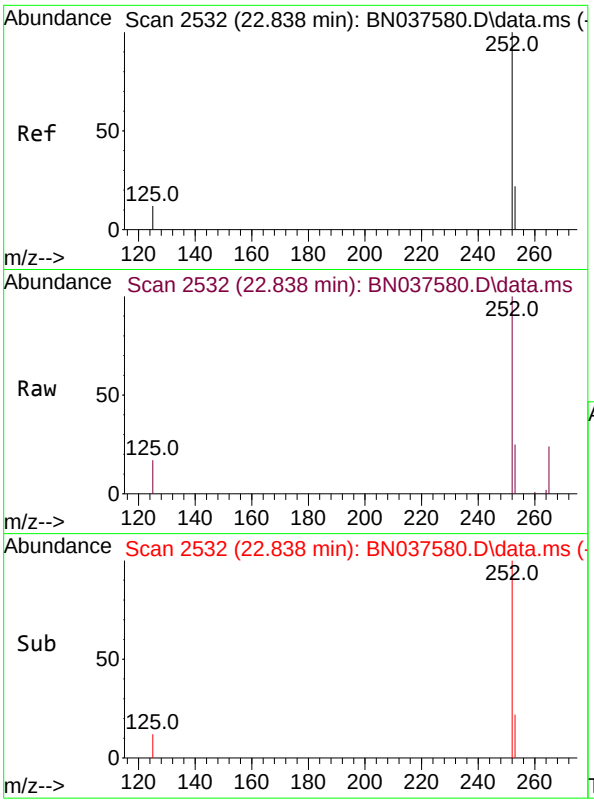


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng
RT: 25.767 min Scan# 3534
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:276 Resp: 6753

Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.3	34.9
277	24.4	19.5	29.3



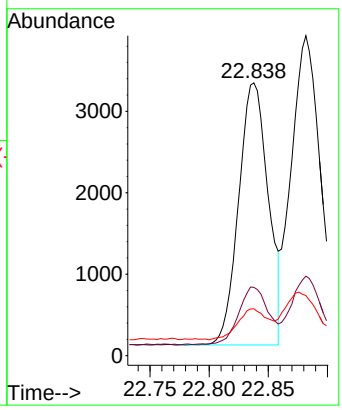


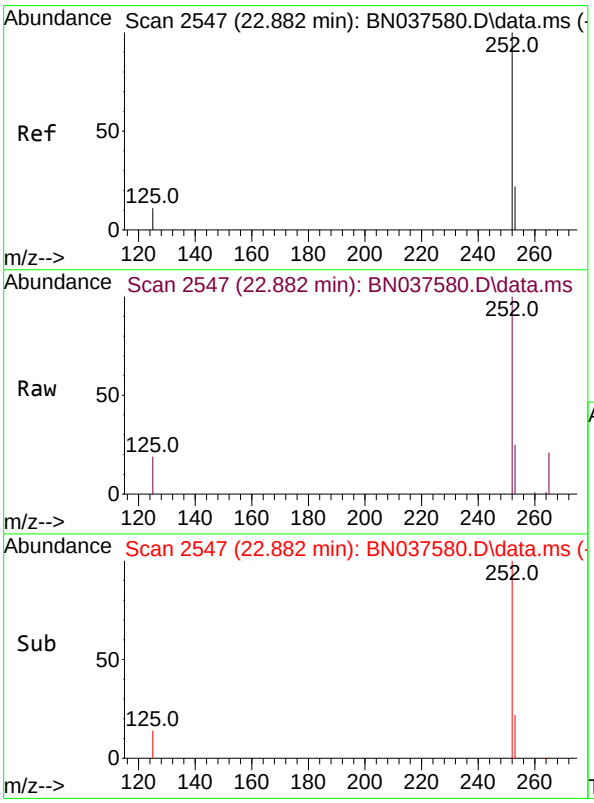
#37
Benzo(b)fluoranthene
Concen: 0.353 ng
RT: 22.838 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 5604

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	17.2	13.8	20.6

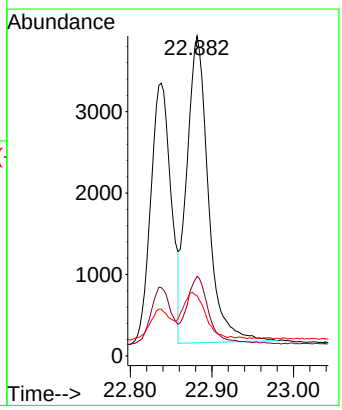


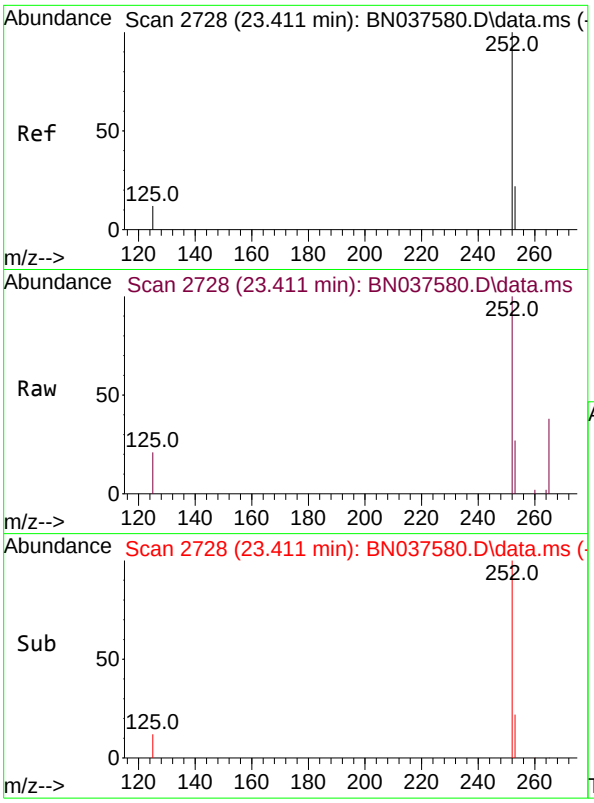


#38
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 22.882 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:252 Resp: 6915

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	18.8	15.0	22.6



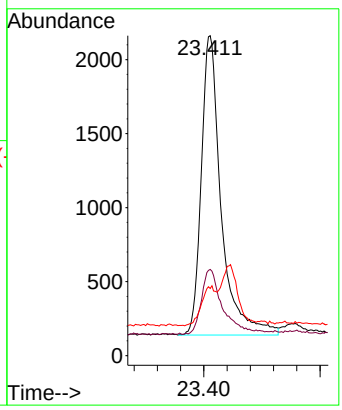


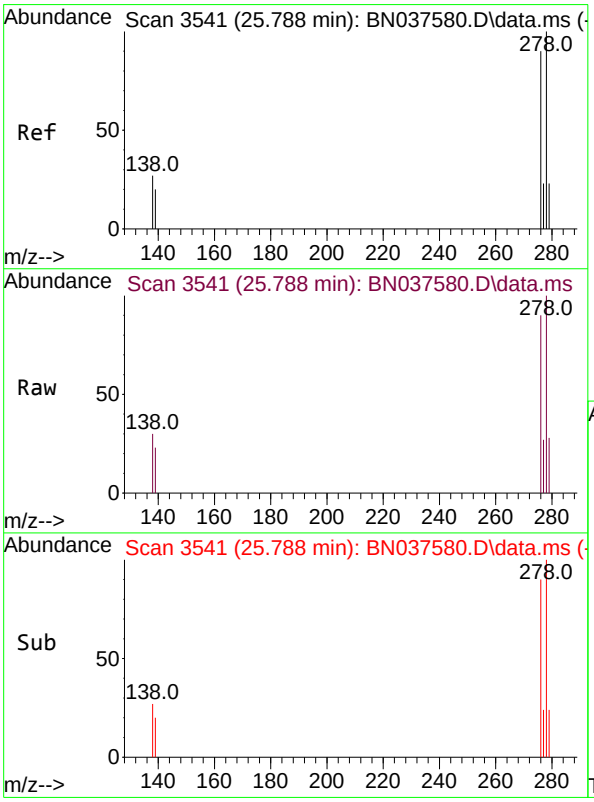
#39
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.411 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 4812

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.6	32.4
125	21.0	16.8	25.2

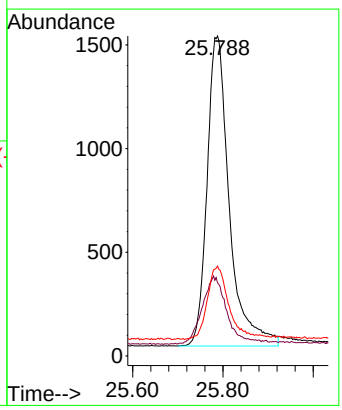


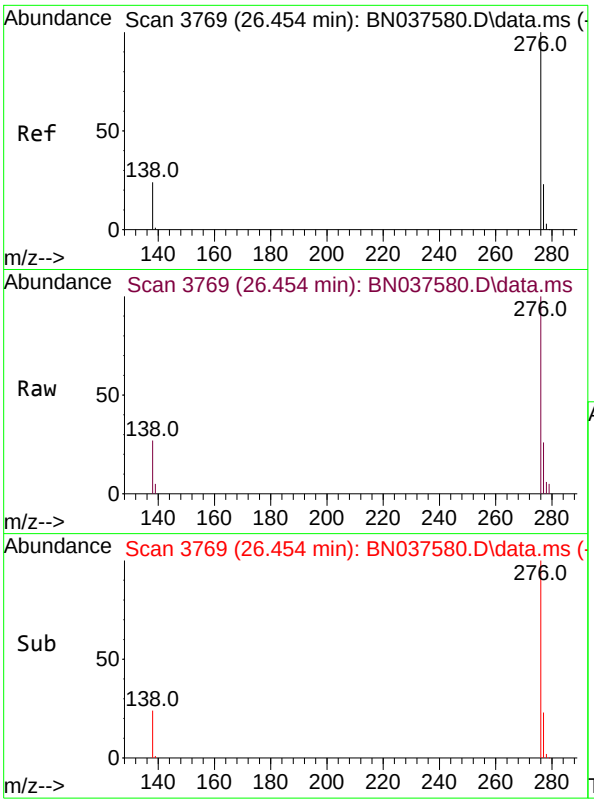


#40
Dibenzo(a,h)anthracene
Concen: 0.374 ng
RT: 25.788 min Scan# 3541
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Tgt Ion:278 Resp: 5118

Ion	Ratio	Lower	Upper
278	100		
139	22.9	18.3	27.5
279	28.1	22.5	33.7





#41
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 26.454 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN037580.D
Acq: 12 Aug 2025 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 5284

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.0	31.4
138	27.1	21.7	32.5