Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036984.D
Acq On : 12 May 2025 14:55
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: May 12 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 12 17:44:09 2025
Response via : Initial Calibration

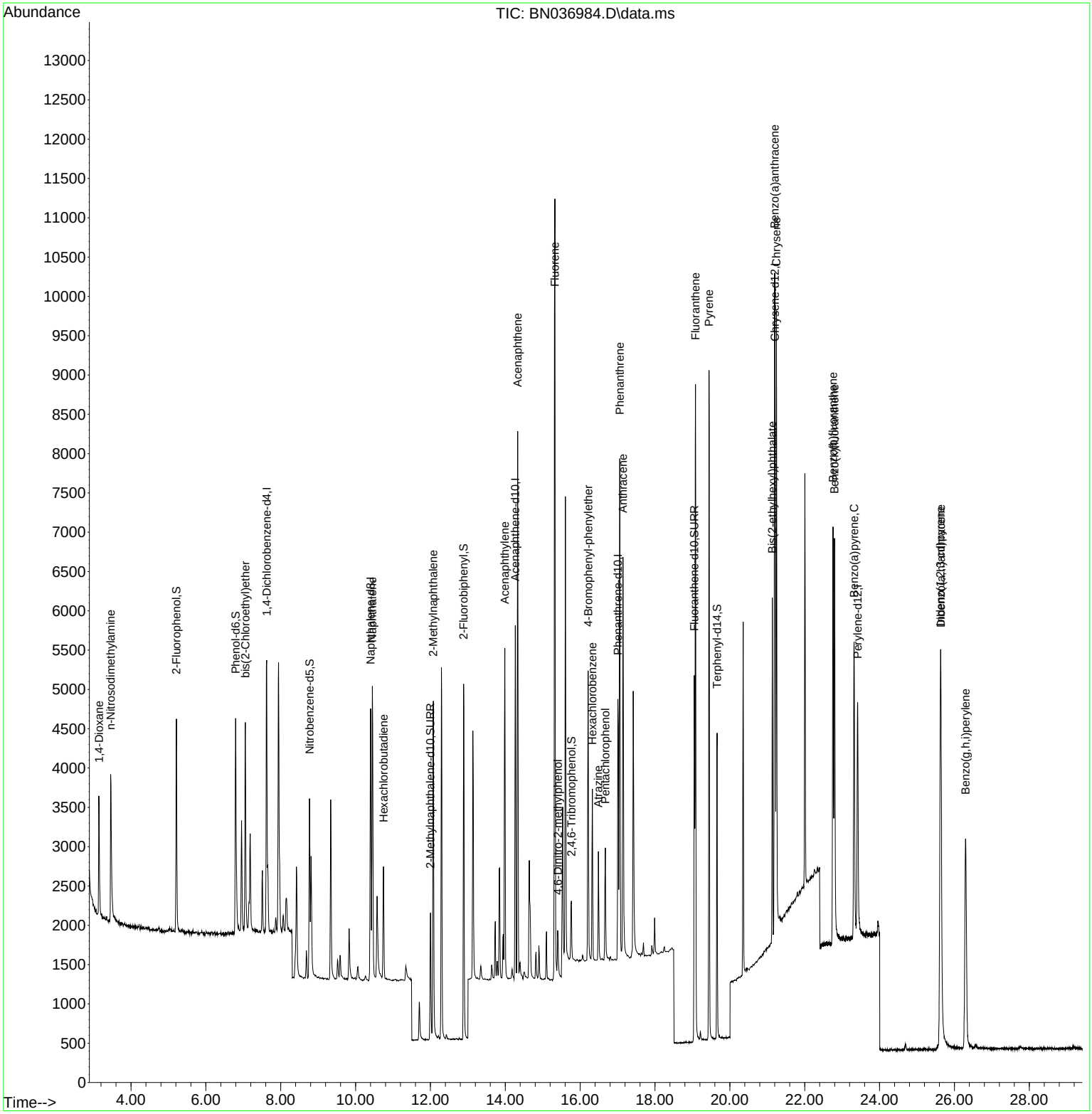
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.625	152	1695	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	4298	0.400	ng		0.00
13) Acenaphthene-d10	14.267	164	2373	0.400	ng		0.00
19) Phenanthrene-d10	17.009	188	4906	0.400	ng		0.00
29) Chrysene-d12	21.206	240	4184	0.400	ng		0.00
35) Perylene-d12	23.415	264	3988	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	1902	0.435	ng		0.00
5) Phenol-d6	6.795	99	2256	0.426	ng		0.00
8) Nitrobenzene-d5	8.771	82	1801	0.398	ng		0.00
11) 2-Methylnaphthalene-d10	12.001	152	2331	0.386	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	440	0.404	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	4636	0.418	ng		0.00
27) Fluoranthene-d10	19.049	212	5212	0.391	ng		0.00
31) Terphenyl-d14	19.658	244	3747	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	920	0.419	ng		100
3) n-Nitrosodimethylamine	3.458	42	1837	0.410	ng		100
6) bis(2-Chloroethyl)ether	7.055	93	1953	0.397	ng		100
9) Naphthalene	10.447	128	4974	0.398	ng		100
10) Hexachlorobutadiene	10.746	225	1087	0.406	ng	#	100
12) 2-Methylnaphthalene	12.077	142	3145	0.388	ng		100
16) Acenaphthylene	13.989	152	4501	0.388	ng		100
17) Acenaphthene	14.331	154	3015	0.396	ng		100
18) Fluorene	15.325	166	4051	0.397	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	462	0.368	ng		100
21) 4-Bromophenyl-phenylether	16.214	248	1240	0.389	ng		100
22) Hexachlorobenzene	16.326	284	1367	0.401	ng		100
23) Atrazine	16.487	200	1087	0.387	ng		100
24) Pentachlorophenol	16.673	266	688	0.364	ng		100
25) Phenanthrene	17.058	178	6311	0.392	ng		100
26) Anthracene	17.145	178	5618	0.381	ng		100
28) Fluoranthene	19.082	202	7368	0.388	ng		100
30) Pyrene	19.444	202	7455	0.393	ng		100
32) Benzo(a)anthracene	21.197	228	6209	0.392	ng		100
33) Chrysene	21.242	228	6744	0.403	ng		100
34) Bis(2-ethylhexyl)phtha...	21.135	149	3799	0.390	ng		100
36) Indeno(1,2,3-cd)pyrene	25.626	276	6246	0.396	ng		100
37) Benzo(b)fluoranthene	22.754	252	6319	0.380	ng		100
38) Benzo(k)fluoranthene	22.795	252	6491	0.393	ng		100
39) Benzo(a)pyrene	23.319	252	5404	0.391	ng		100
40) Dibenzo(a,h)anthracene	25.637	278	4920	0.400	ng		100
41) Benzo(g,h,i)perylene	26.298	276	5478	0.403	ng		100

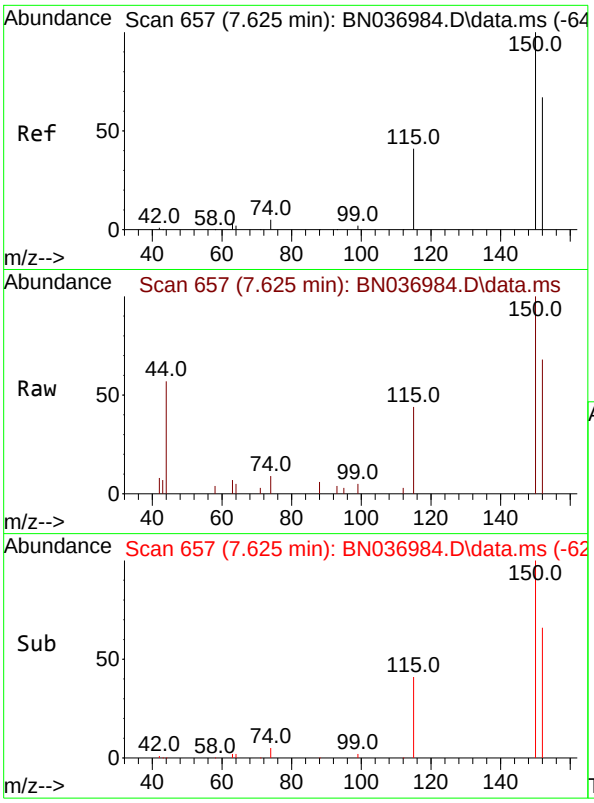
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036984.D
Acq On : 12 May 2025 14:55
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: May 12 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 12 17:44:09 2025
Response via : Initial Calibration



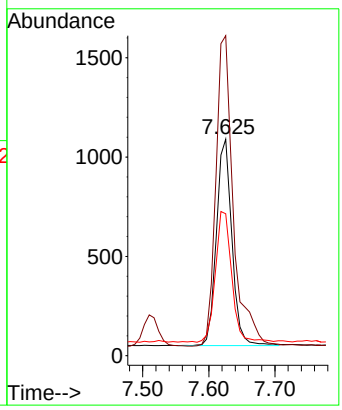


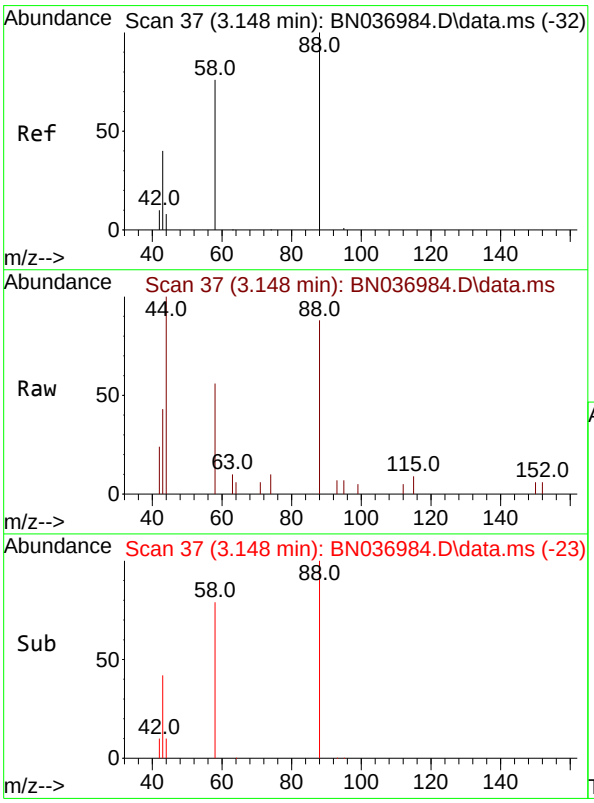
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.625 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1695

Ion	Ratio	Lower	Upper
152	100		
150	147.8	118.2	177.4
115	65.6	52.5	78.7

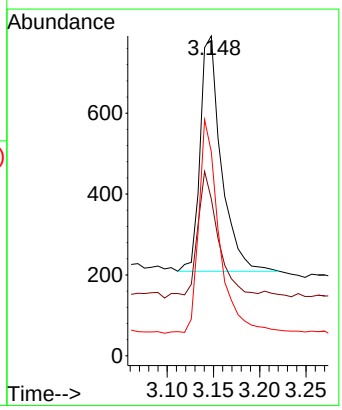


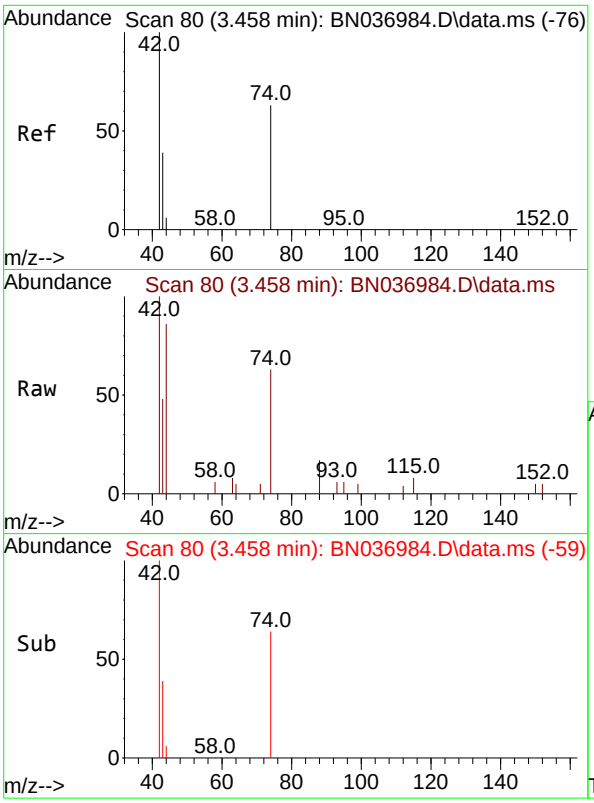


#2
1,4-Dioxane
Concen: 0.419 ng
RT: 3.148 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion: 88 Resp: 920

Ion	Ratio	Lower	Upper
88	100		
43	54.1	43.3	64.9
58	88.4	70.7	106.1



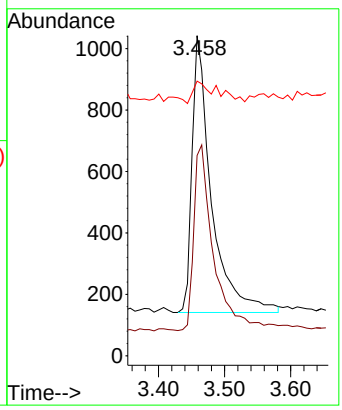


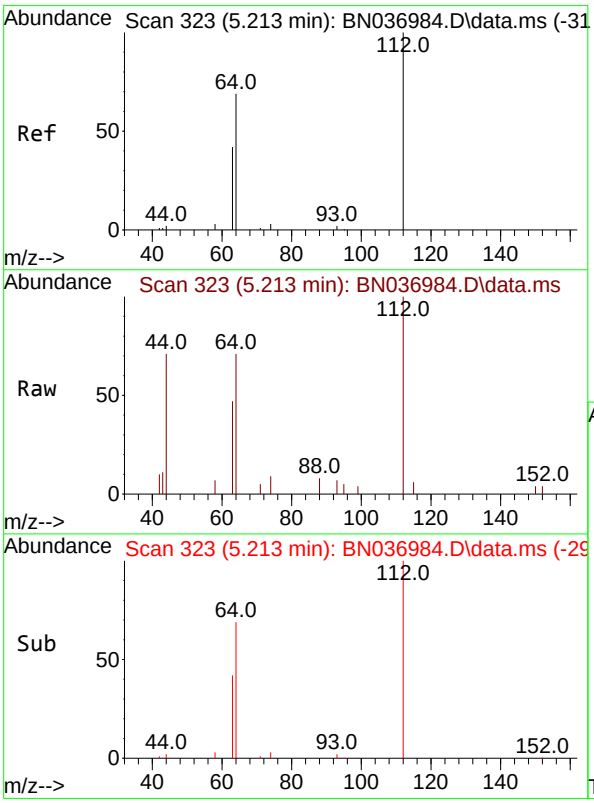
#3
n-Nitrosodimethylamine
Concen: 0.410 ng
RT: 3.458 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1837

Ion	Ratio	Lower	Upper
42	100		
74	69.0	55.2	82.8
44	5.9	4.7	7.1

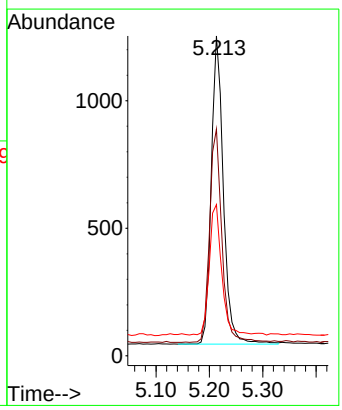


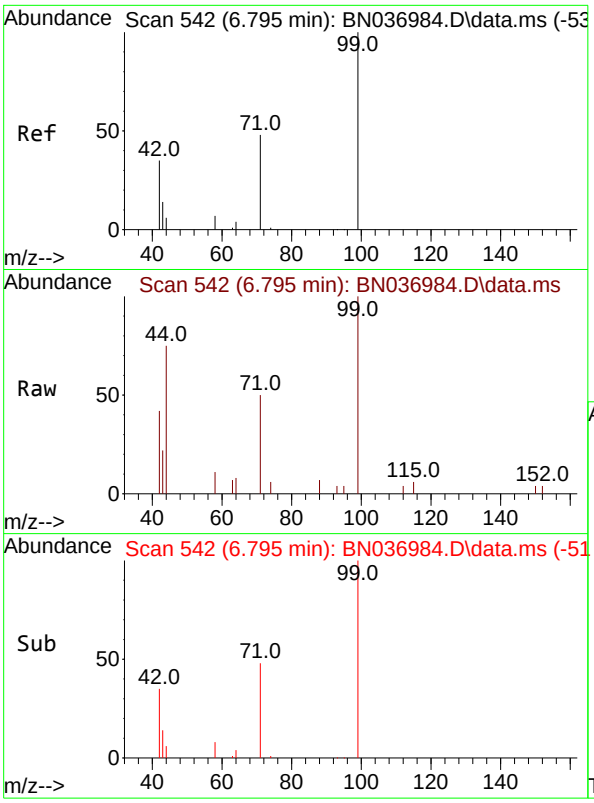


#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:112 Resp: 1902

Ion	Ratio	Lower	Upper
112	100		
64	70.2	56.2	84.2
63	42.9	34.3	51.5



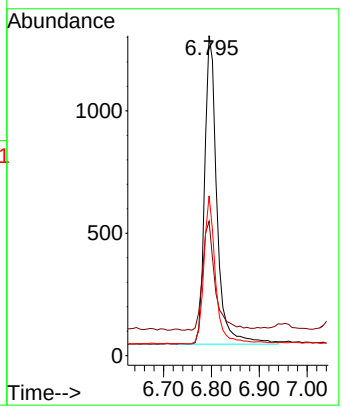


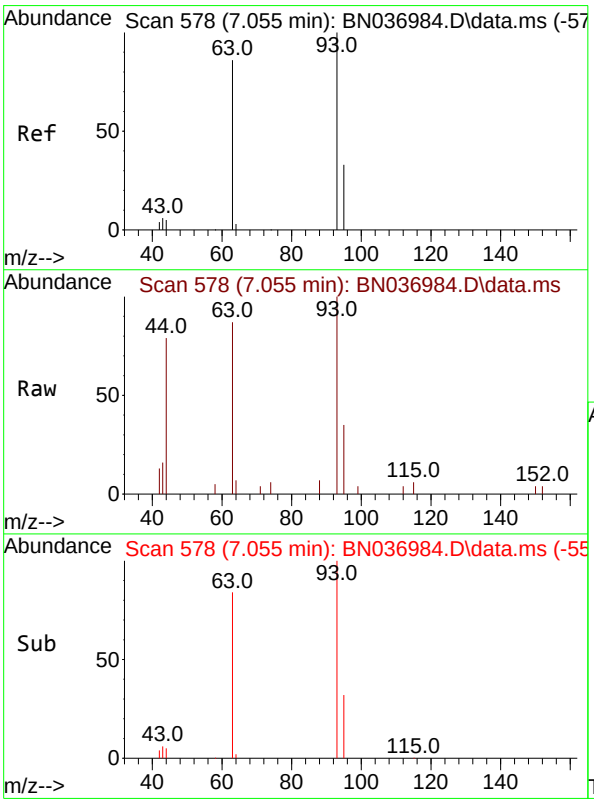
#5
Phenol-d6
Concen: 0.426 ng
RT: 6.795 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 2256

Ion	Ratio	Lower	Upper
99	100		
42	36.3	29.0	43.6
71	45.2	36.2	54.2

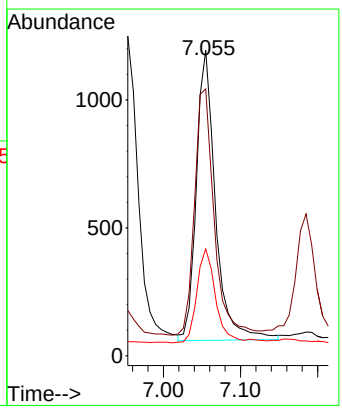


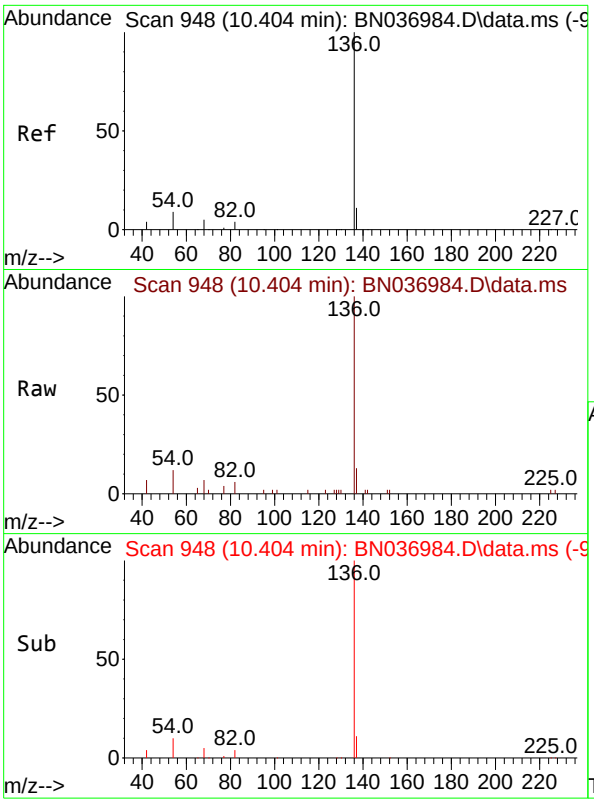


#6
bis(2-Chloroethyl)ether
Concen: 0.397 ng
RT: 7.055 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion: 93 Resp: 1953

Ion	Ratio	Lower	Upper
93	100		
63	87.0	69.6	104.4
95	31.4	25.1	37.7



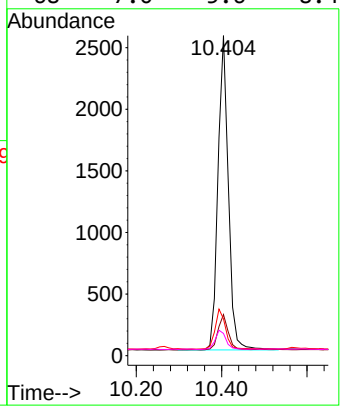


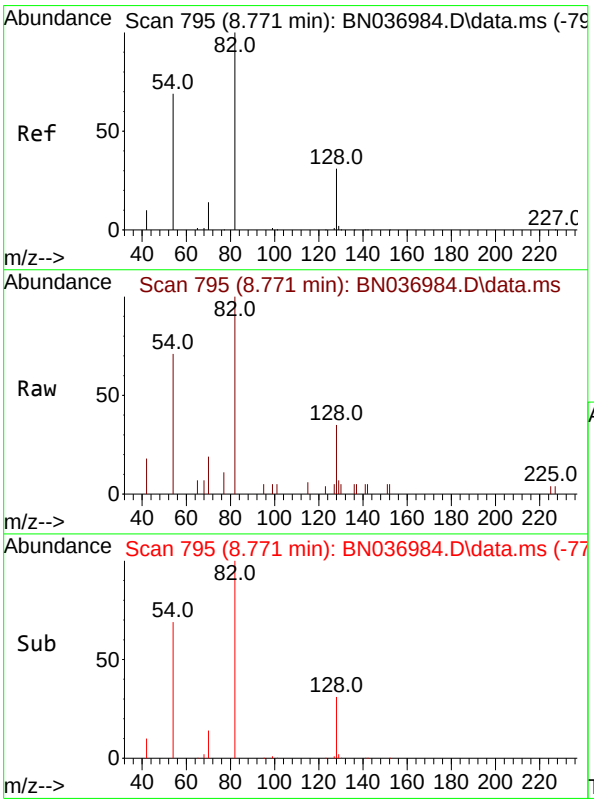
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 4298

Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.3	15.5
54	11.5	9.2	13.8
68	7.0	5.6	8.4

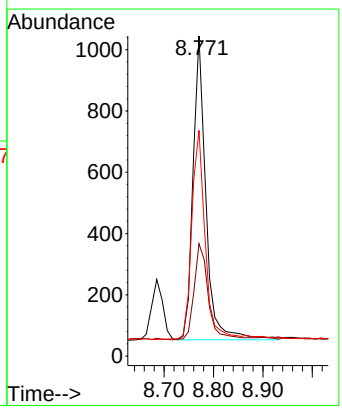


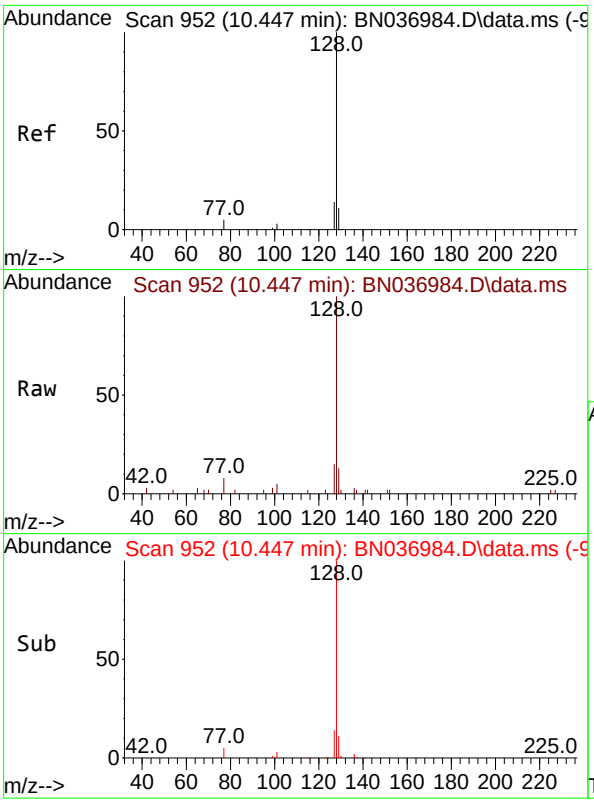


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.771 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion: 82 Resp: 1801

Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.1	42.1
54	70.5	56.4	84.6



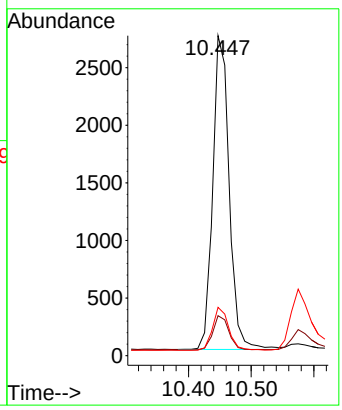


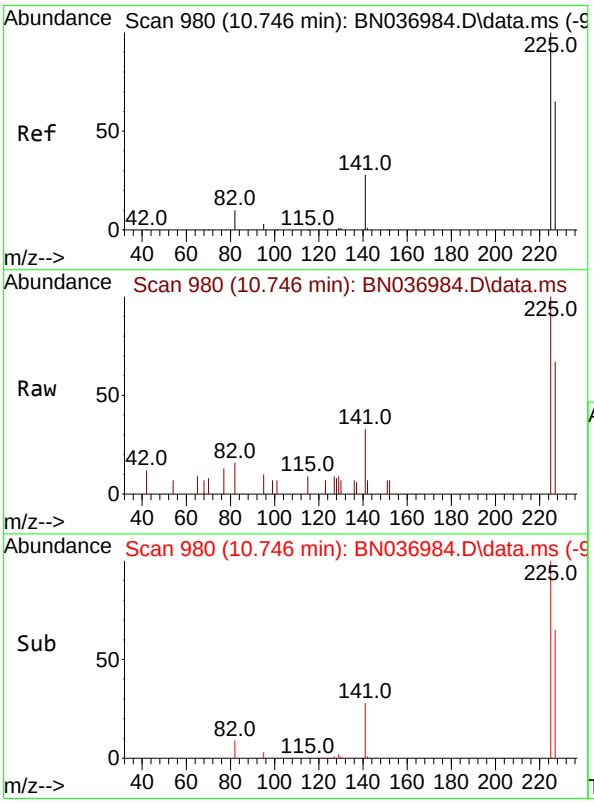
#9
Naphthalene
Concen: 0.398 ng
RT: 10.447 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 4974

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.0	15.0
127	15.1	12.1	18.1

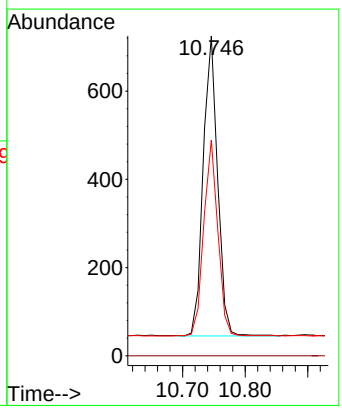


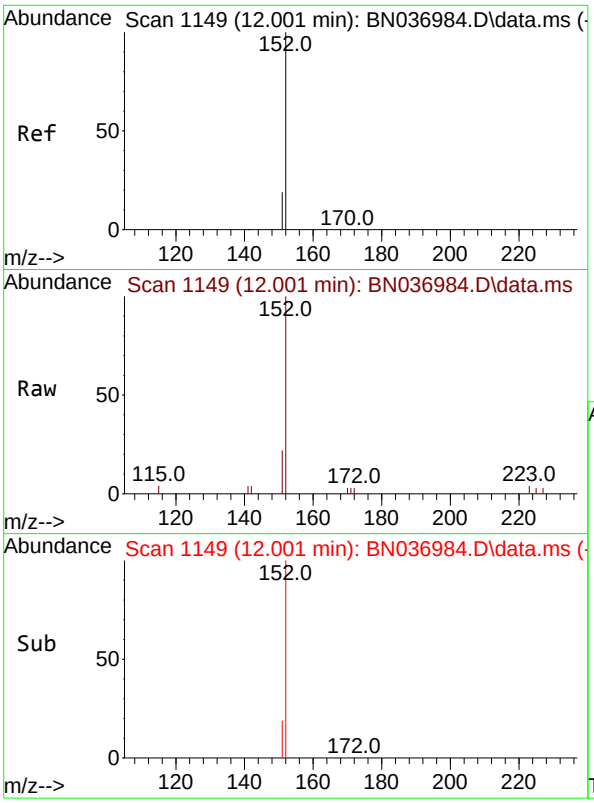


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:225 Resp: 1087

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



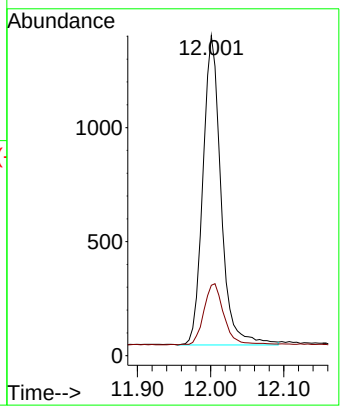


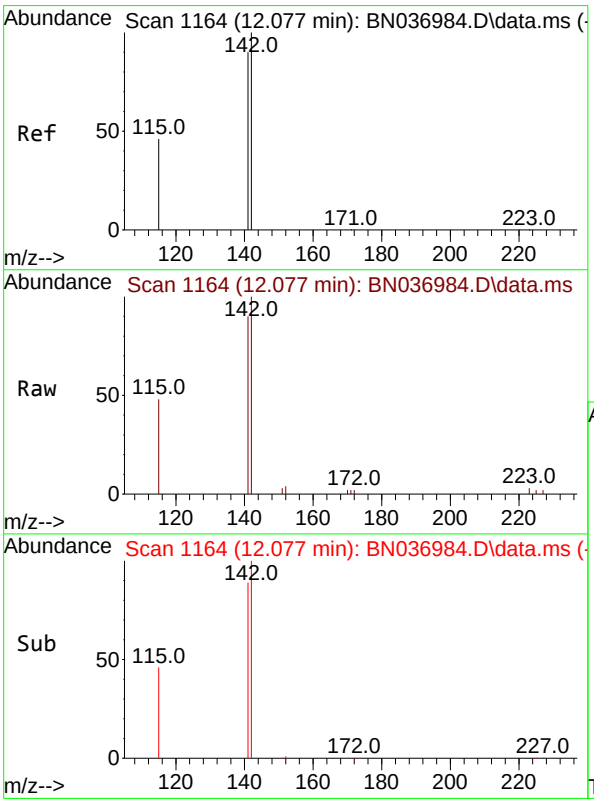
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.001 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2331

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2

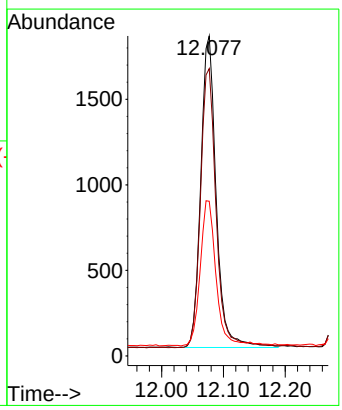


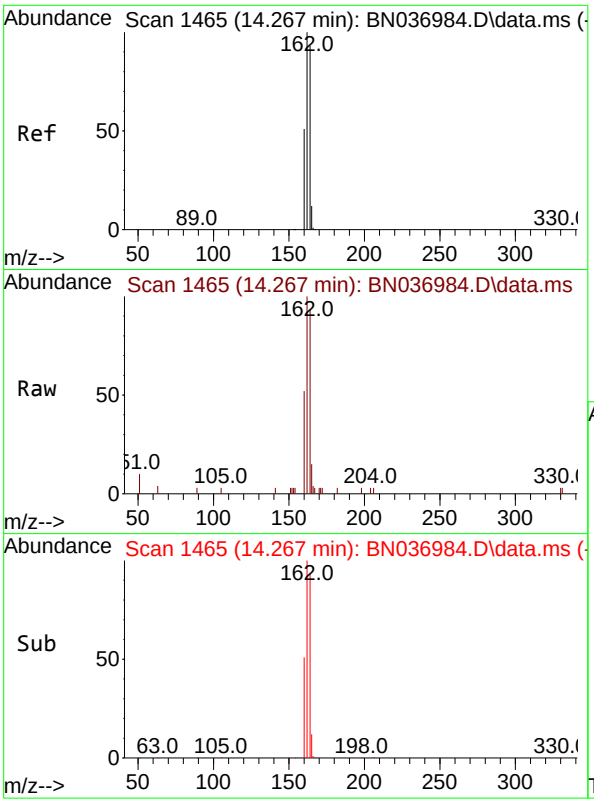


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.077 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:142 Resp: 3145

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.8	107.8
115	48.3	38.6	58.0



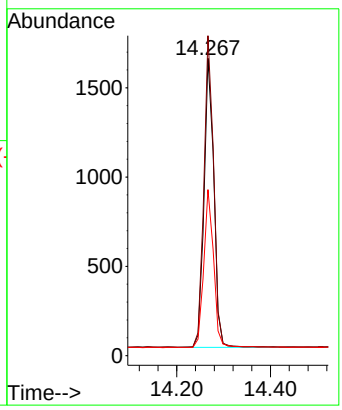


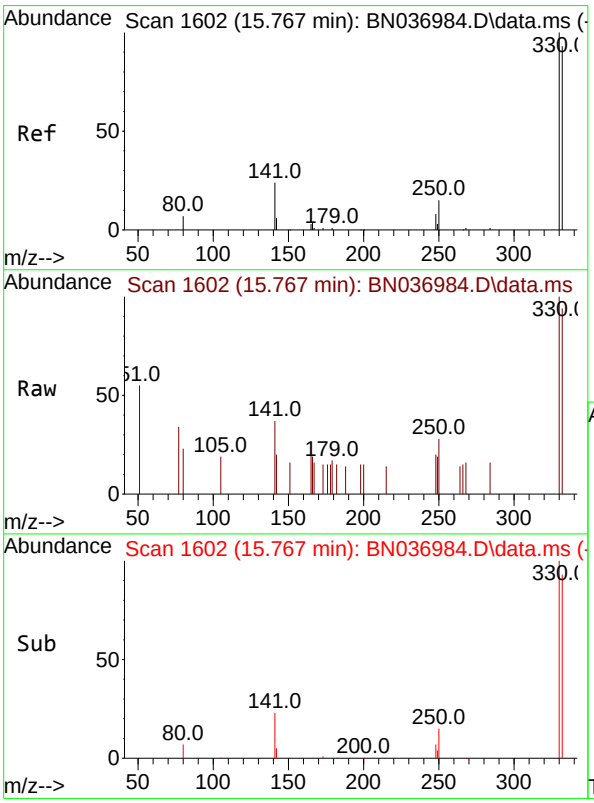
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 2373

Ion	Ratio	Lower	Upper
164	100		
162	107.6	86.1	129.1
160	55.8	44.6	67.0

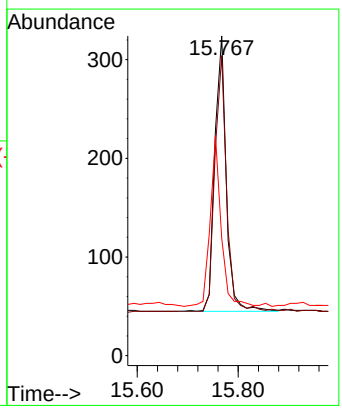


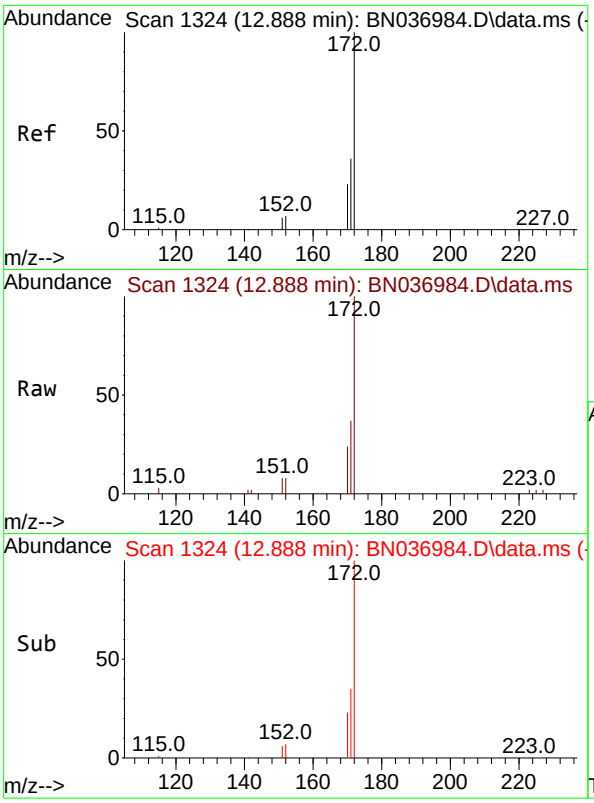


#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:330 Resp: 440

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.6	113.4
141	59.3	47.4	71.2



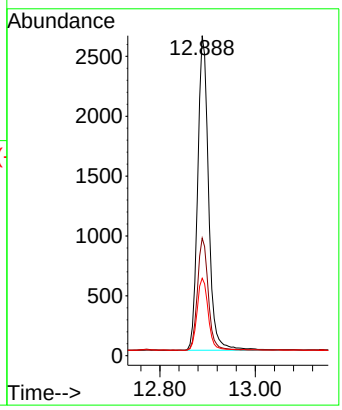


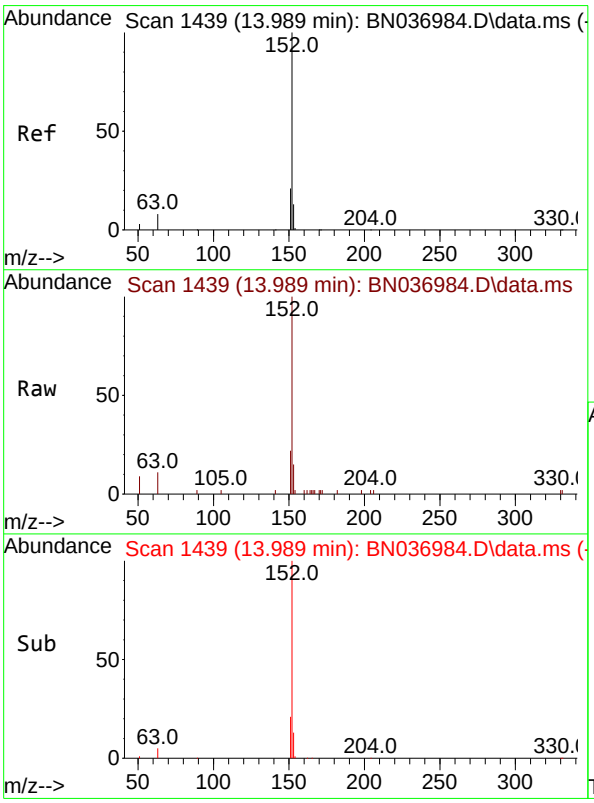
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 4636

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.2	19.4	29.0

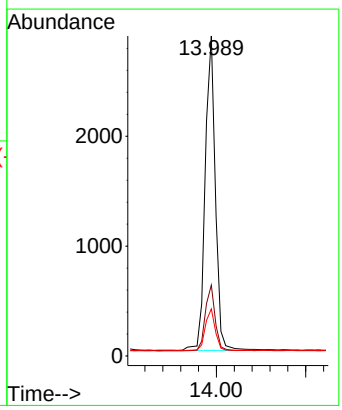


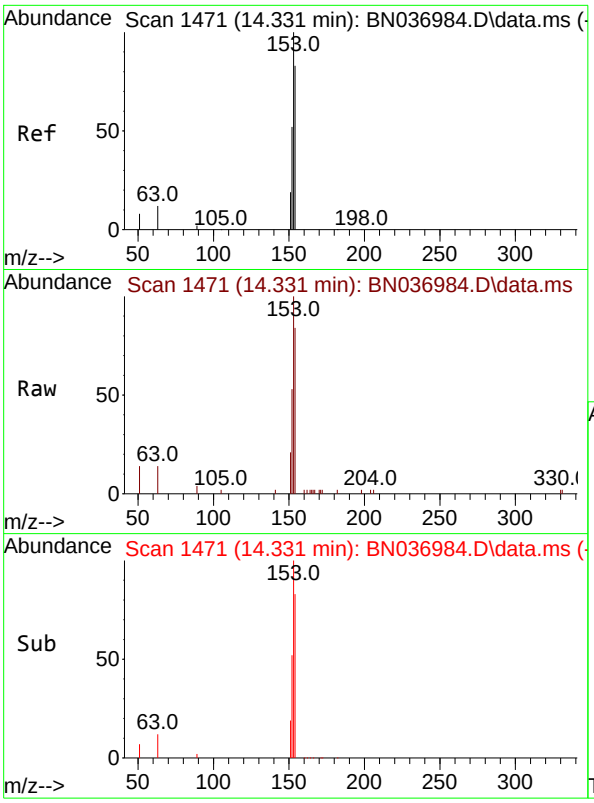


#16
Acenaphthylene
Concen: 0.388 ng
RT: 13.989 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:152 Resp: 4501

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



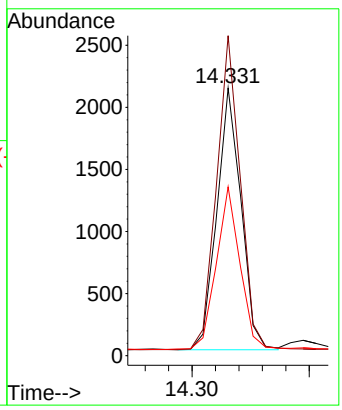


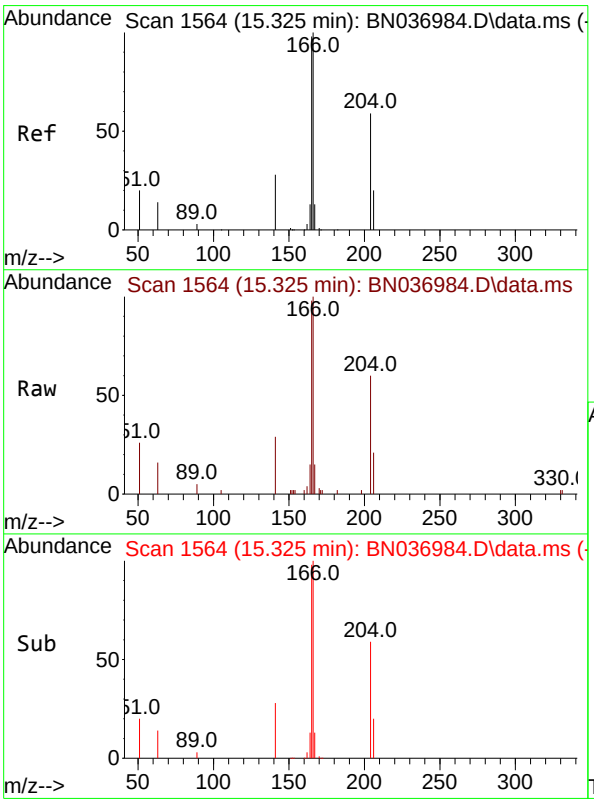
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.331 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 3015

Ion	Ratio	Lower	Upper
154	100		
153	118.3	94.6	142.0
152	61.8	49.4	74.2

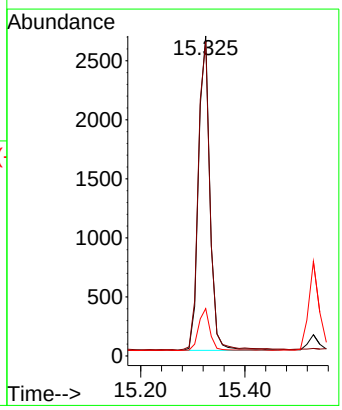


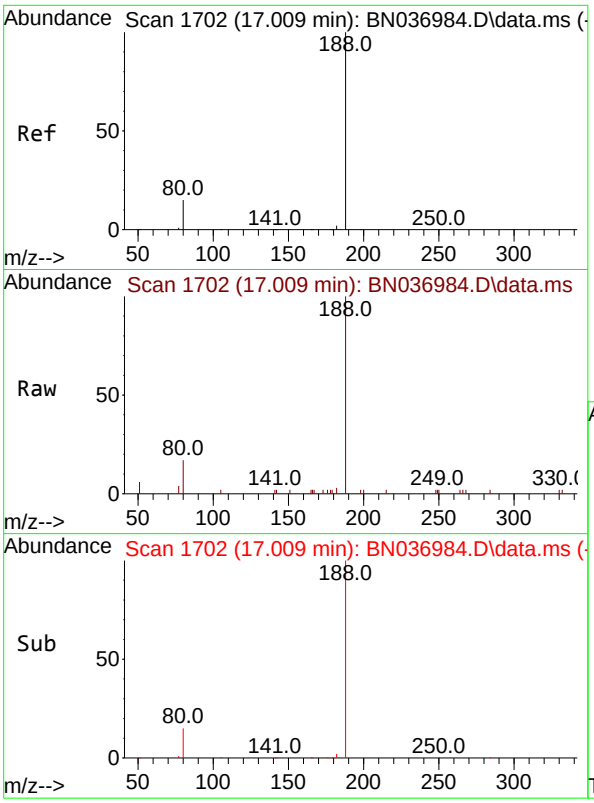


#18
Fluorene
Concen: 0.397 ng
RT: 15.325 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:166 Resp: 4051

Ion	Ratio	Lower	Upper
166	100		
165	101.2	81.0	121.4
167	13.3	10.6	16.0



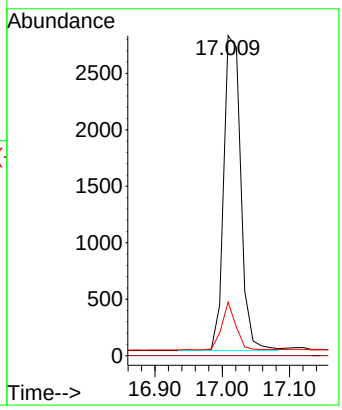


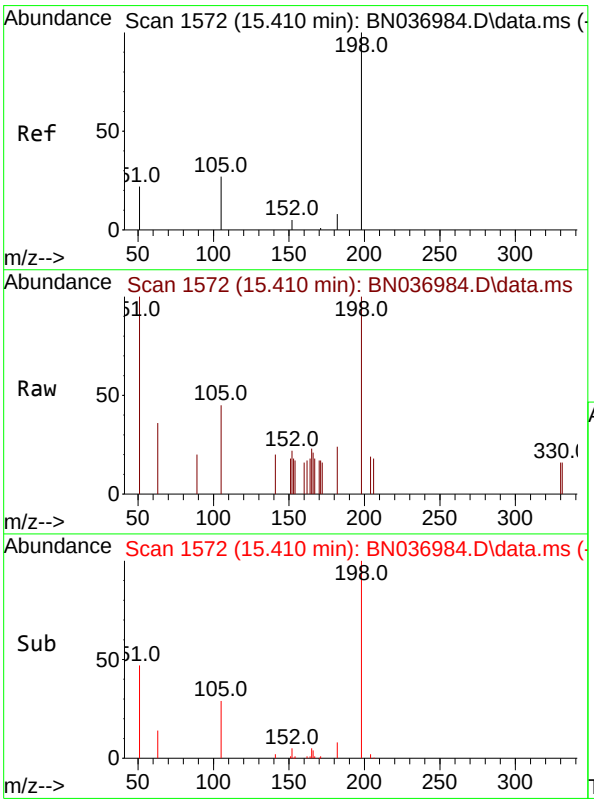
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 4906

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.7	13.4	20.0

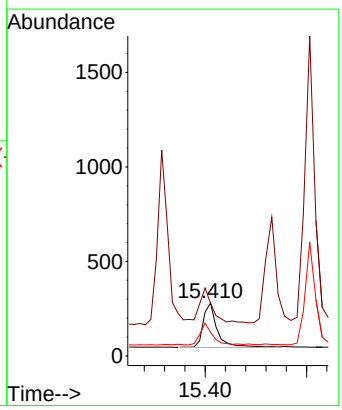


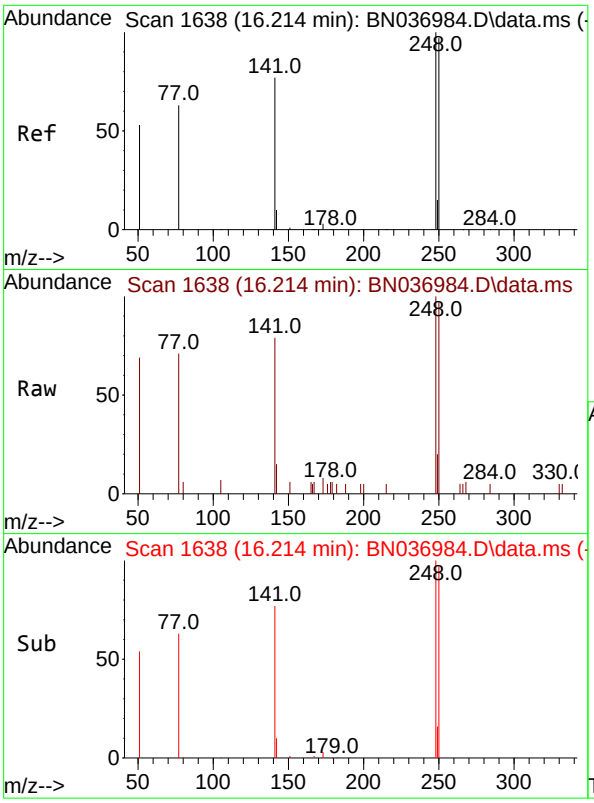


#20
4,6-Dinitro-2-methylphenol
Concen: 0.368 ng
RT: 15.410 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:198 Resp: 462

Ion	Ratio	Lower	Upper
198	100		
51	99.6	79.7	119.5
105	45.0	36.0	54.0



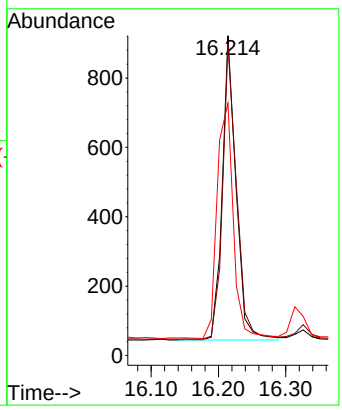


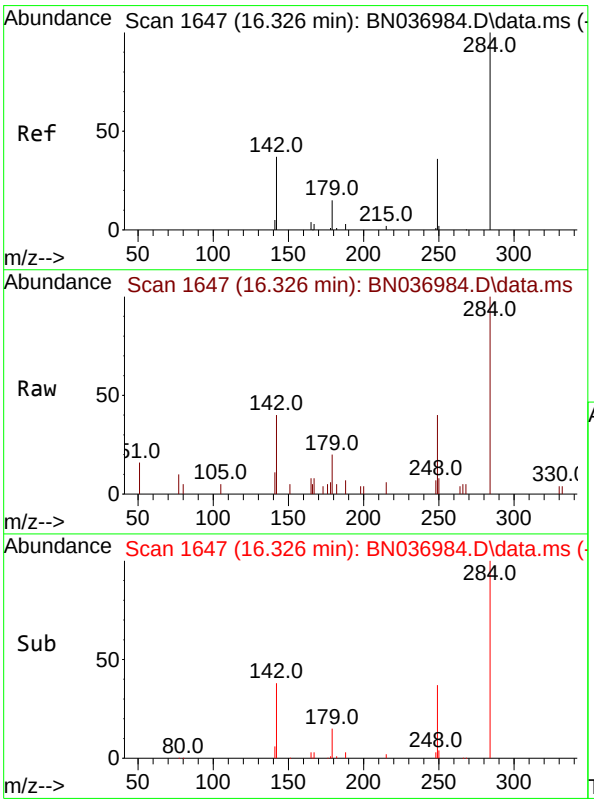
#21
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.214 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 1240

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	78.9	63.1	94.7

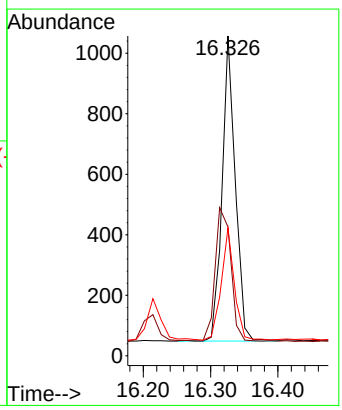


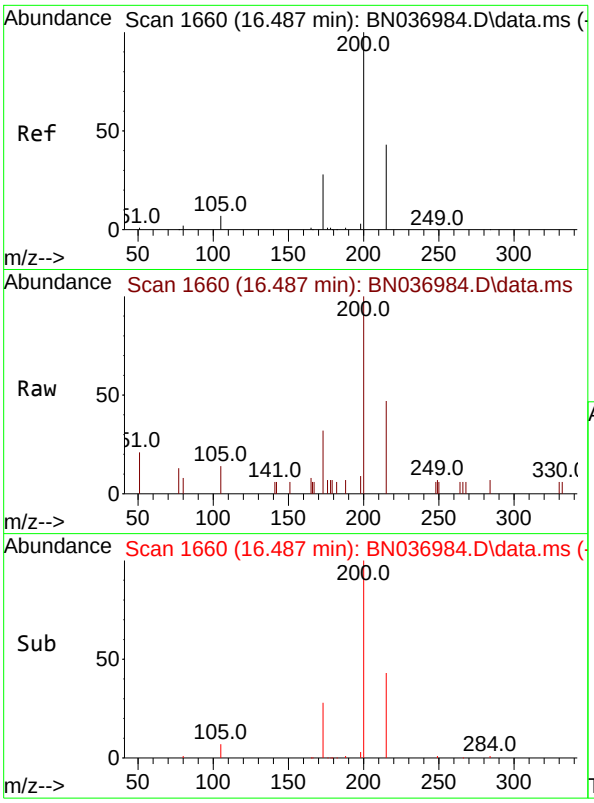


#22
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.326 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:284 Resp: 1367

Ion	Ratio	Lower	Upper
284	100		
142	51.8	41.4	62.2
249	36.4	29.1	43.7



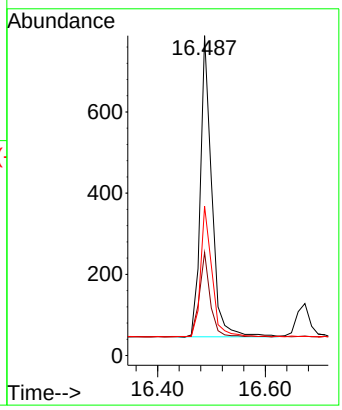


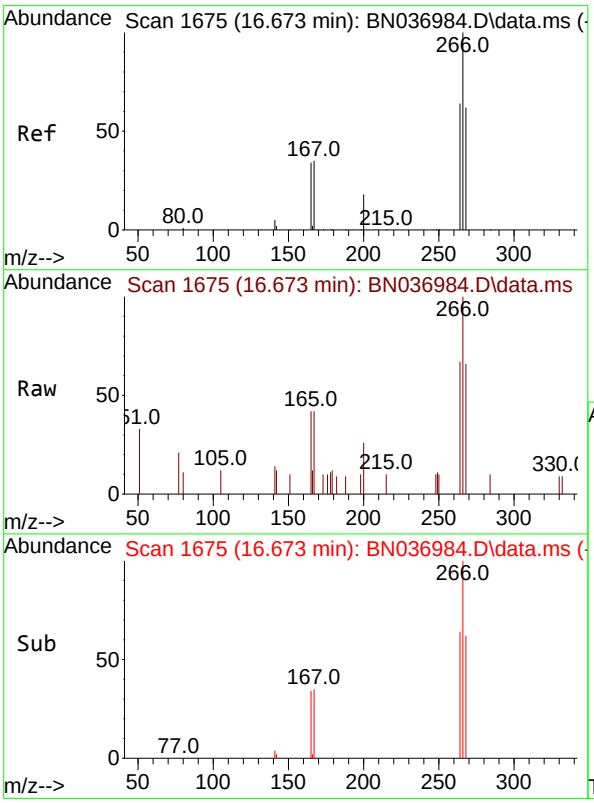
#23
Atrazine
Concen: 0.387 ng
RT: 16.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 1087

Ion	Ratio	Lower	Upper
200	100		
173	32.2	25.8	38.6
215	46.7	37.4	56.0

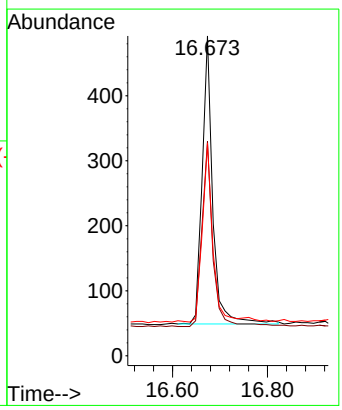


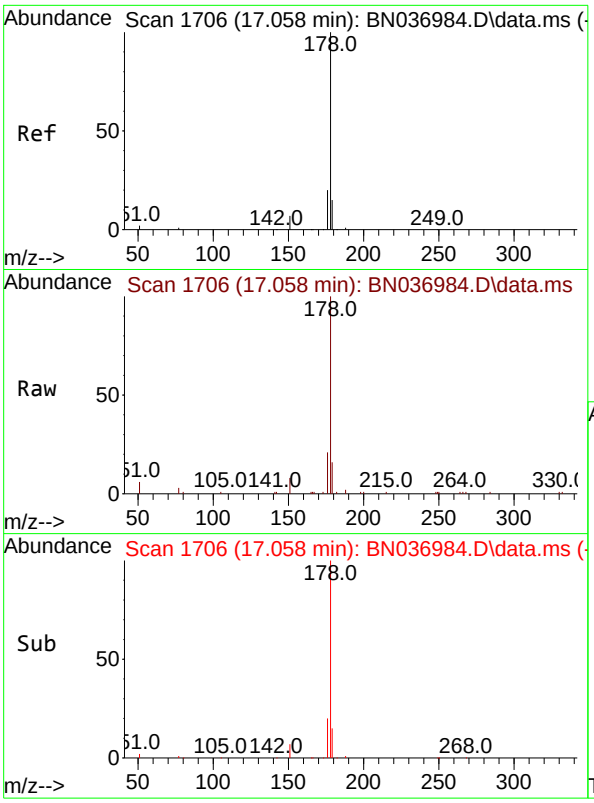


#24
Pentachlorophenol
Concen: 0.364 ng
RT: 16.673 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:266 Resp: 688

Ion	Ratio	Lower	Upper
266	100		
264	66.0	52.8	79.2
268	62.5	50.0	75.0



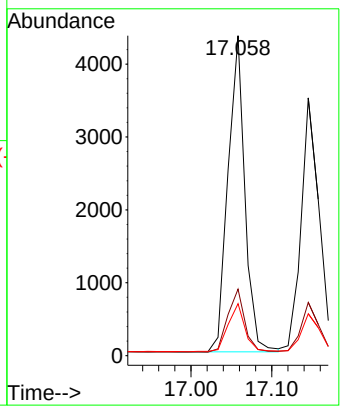


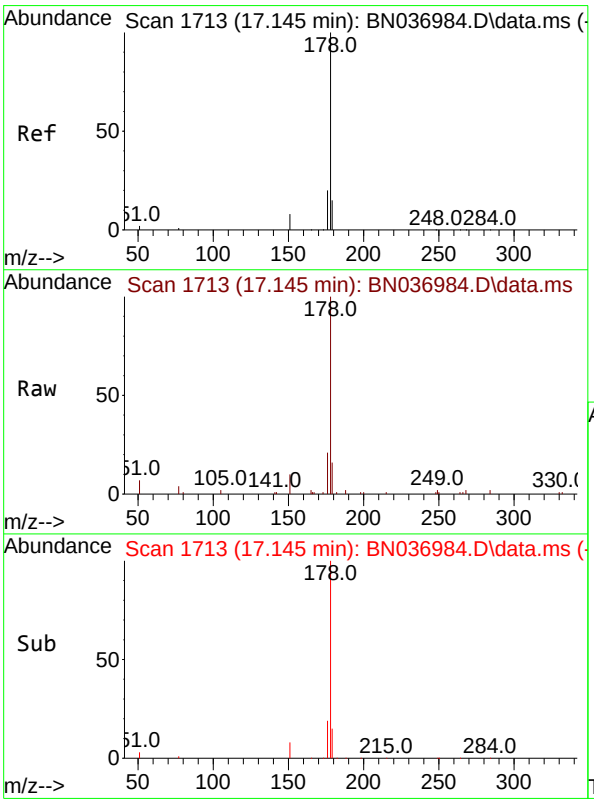
#25
Phenanthrene
Concen: 0.392 ng
RT: 17.058 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 6311

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.4	12.3	18.5

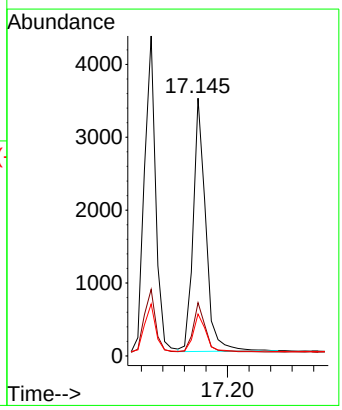


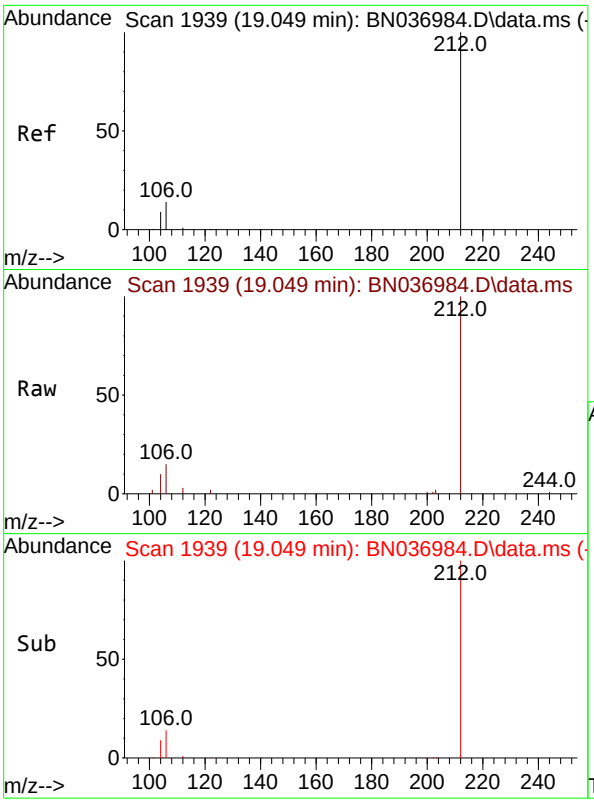


#26
Anthracene
Concen: 0.381 ng
RT: 17.145 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:178 Resp: 5618

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.2	18.2



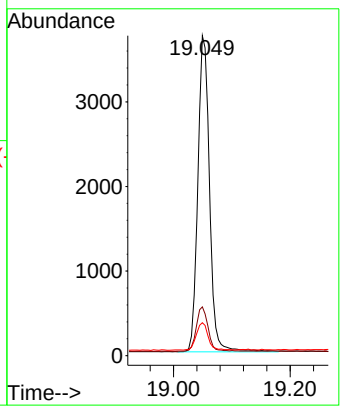


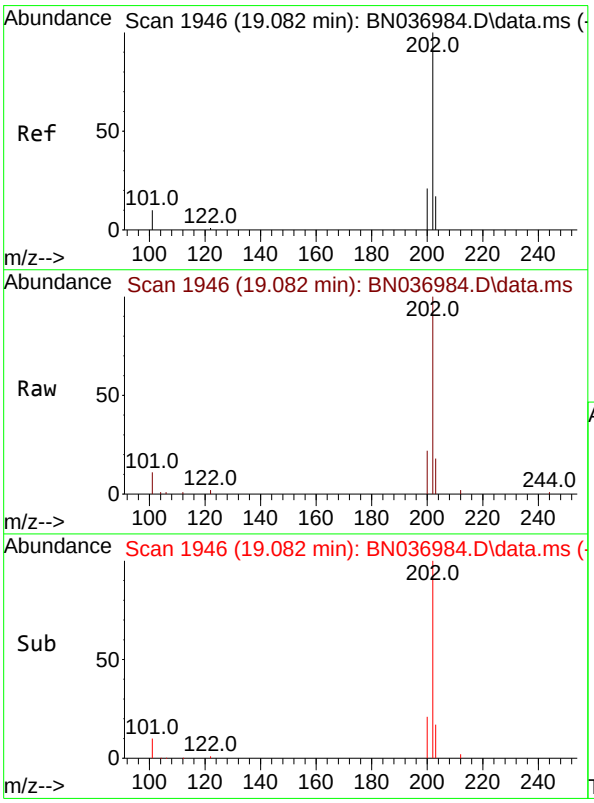
#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 5212

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.3	16.9
104	8.7	7.0	10.4

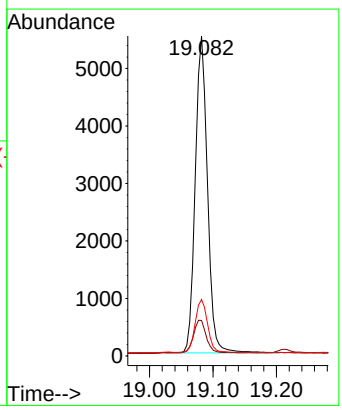


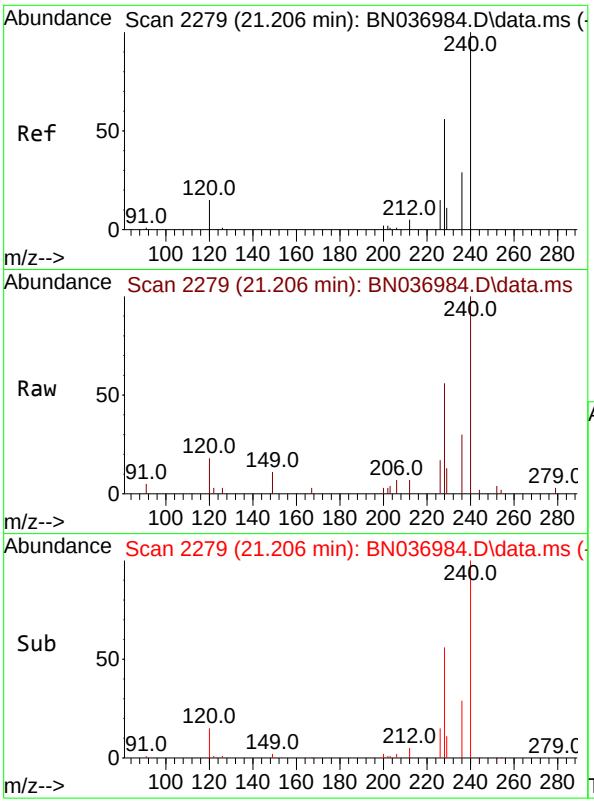


#28
Fluoranthene
Concen: 0.388 ng
RT: 19.082 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:202 Resp: 7368

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.6	12.8
203	16.9	13.5	20.3



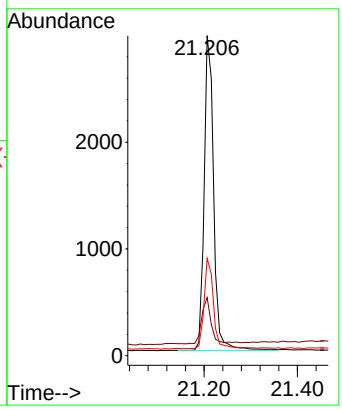


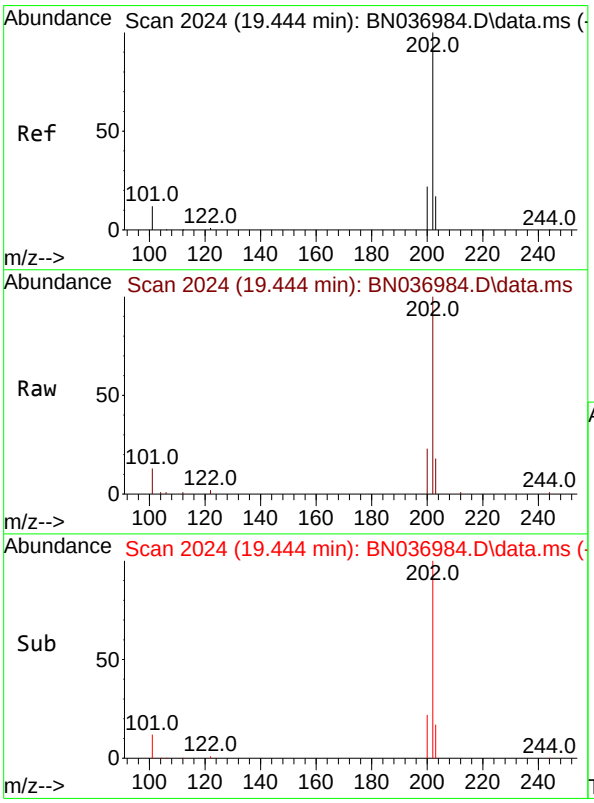
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 4184

Ion	Ratio	Lower	Upper
240	100		
120	18.1	14.5	21.7
236	30.4	24.3	36.5

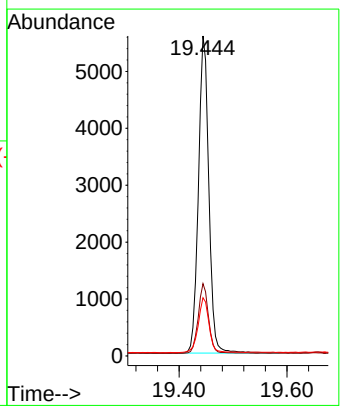


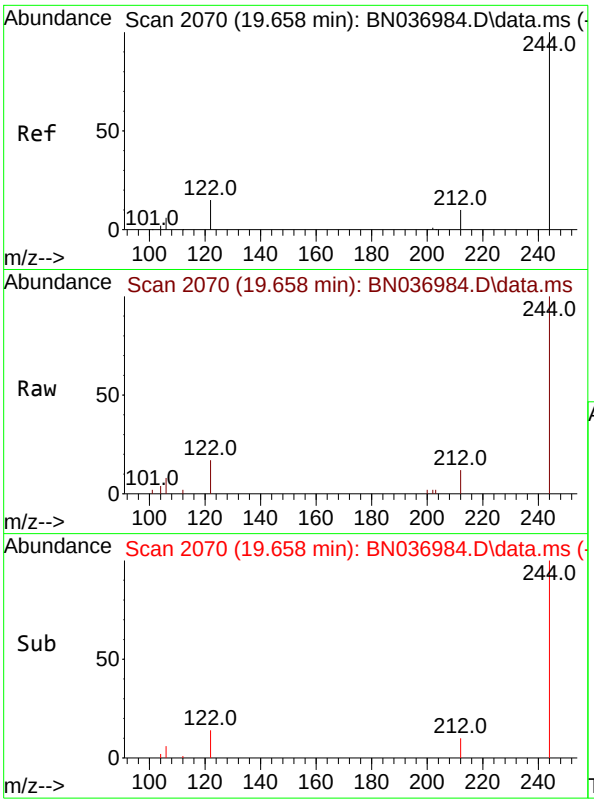


#30
Pyrene
Concen: 0.393 ng
RT: 19.444 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:202 Resp: 7455

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	18.0	14.4	21.6



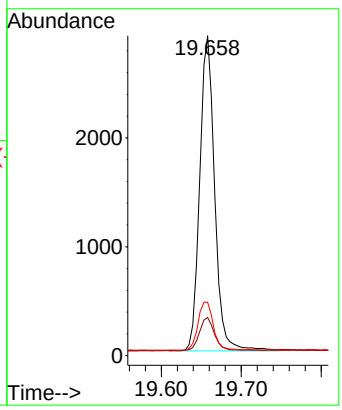


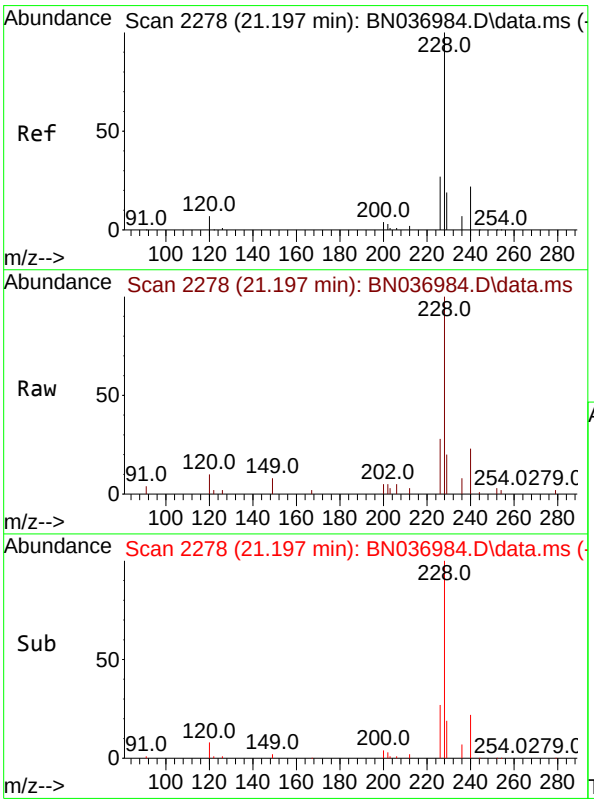
#31
Terphenyl-d14
Concen: 0.396 ng
RT: 19.658 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 3747

Ion	Ratio	Lower	Upper
244	100		
212	11.9	9.5	14.3
122	16.7	13.4	20.0

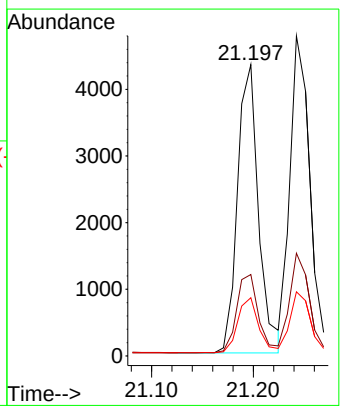


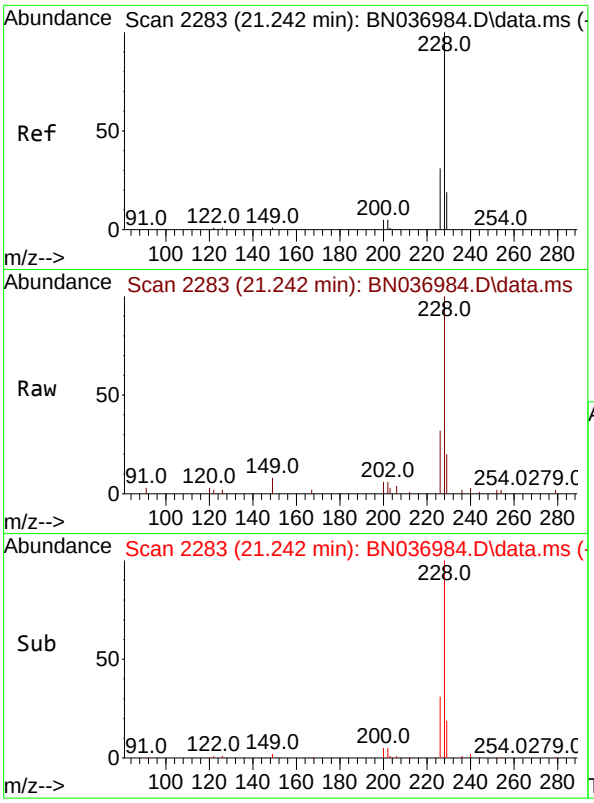


#32
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.197 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:228 Resp: 6209

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.0	16.0	24.0



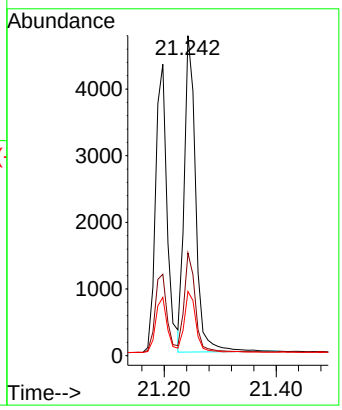


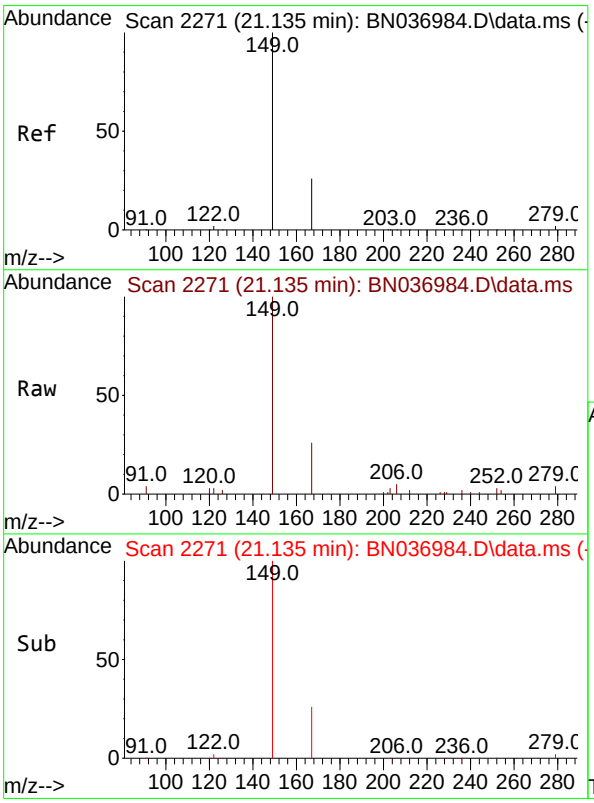
#33
Chrysene
Concen: 0.403 ng
RT: 21.242 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 6744

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.7	38.5
229	20.0	16.0	24.0

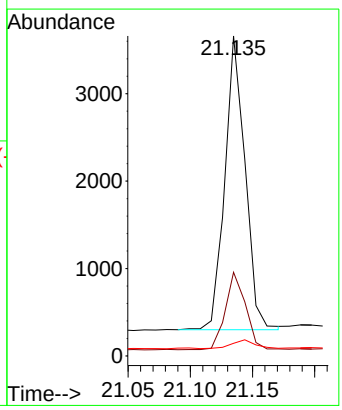


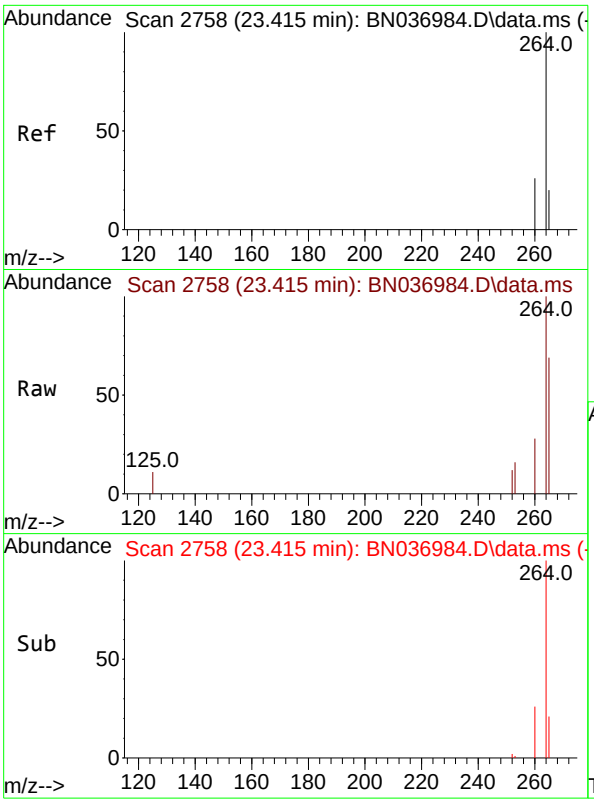


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.390 ng
RT: 21.135 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:149 Resp: 3799

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.6
279	3.4	2.7	4.1



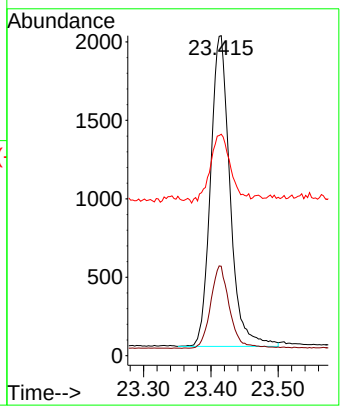


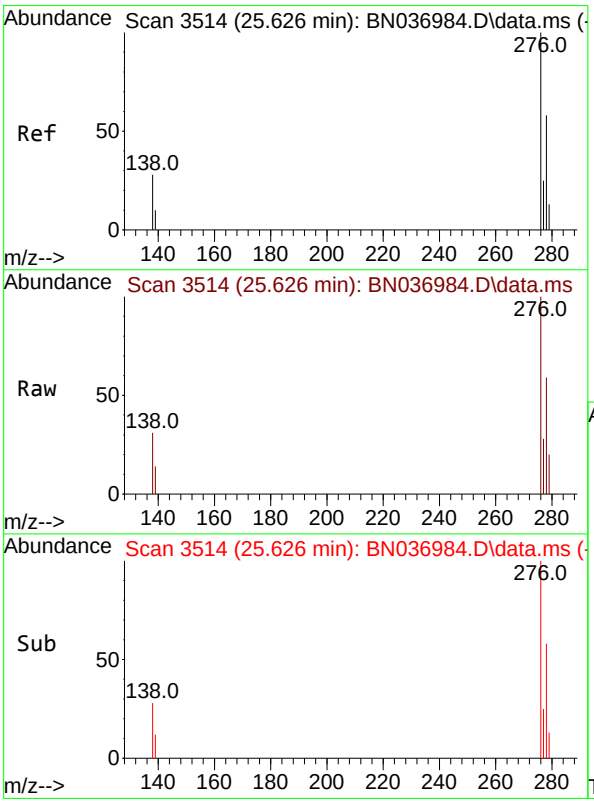
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.415 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 3988

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.3	33.5
265	69.2	55.4	83.0

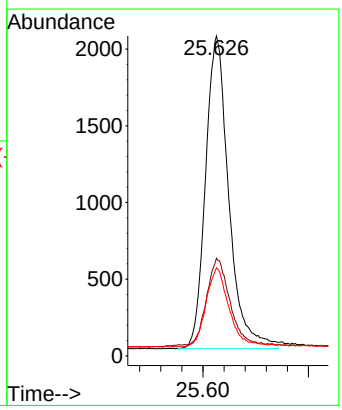


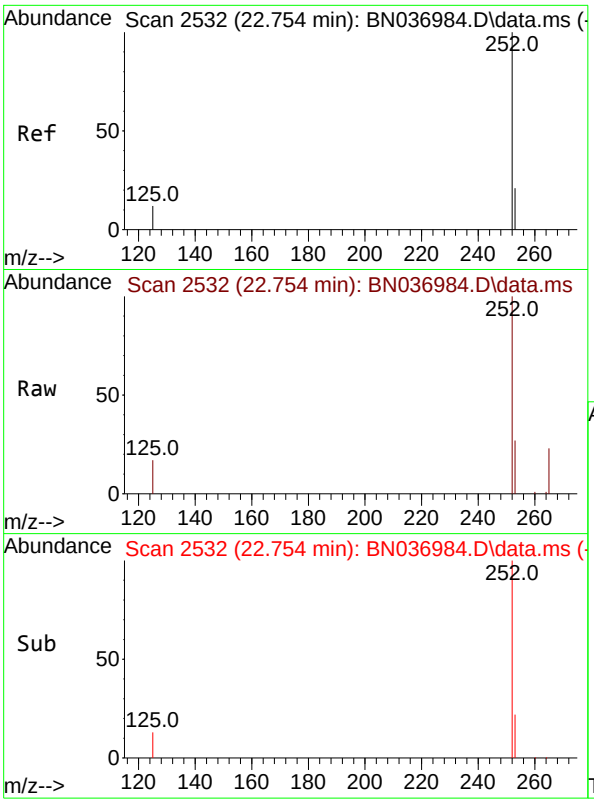


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 25.626 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:276 Resp: 6246

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.8	32.8
277	25.3	20.2	30.4



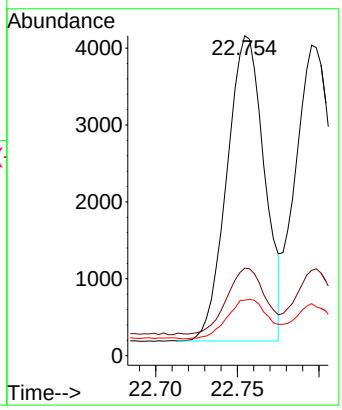


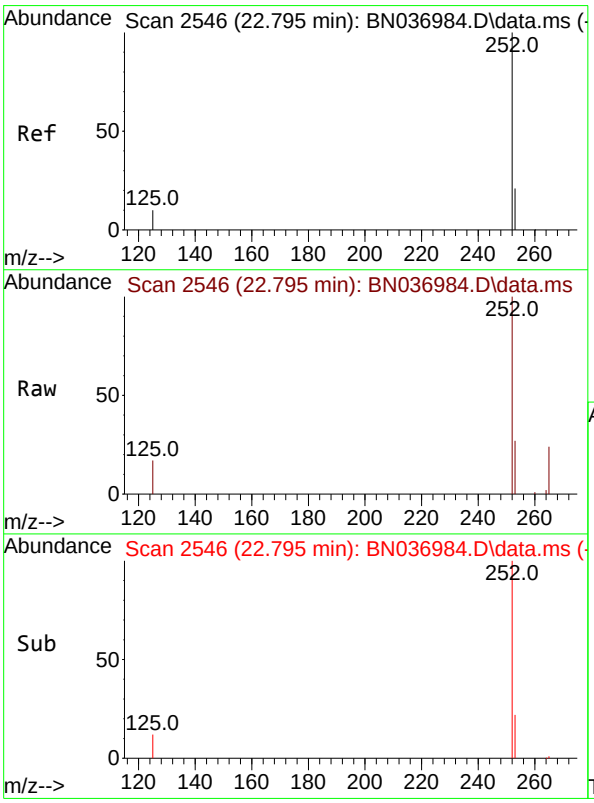
#37
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 22.754 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 6319

Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.9	32.9
125	17.3	13.8	20.8

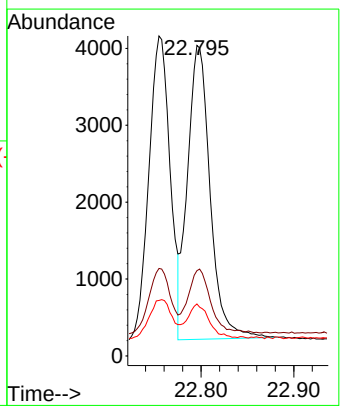


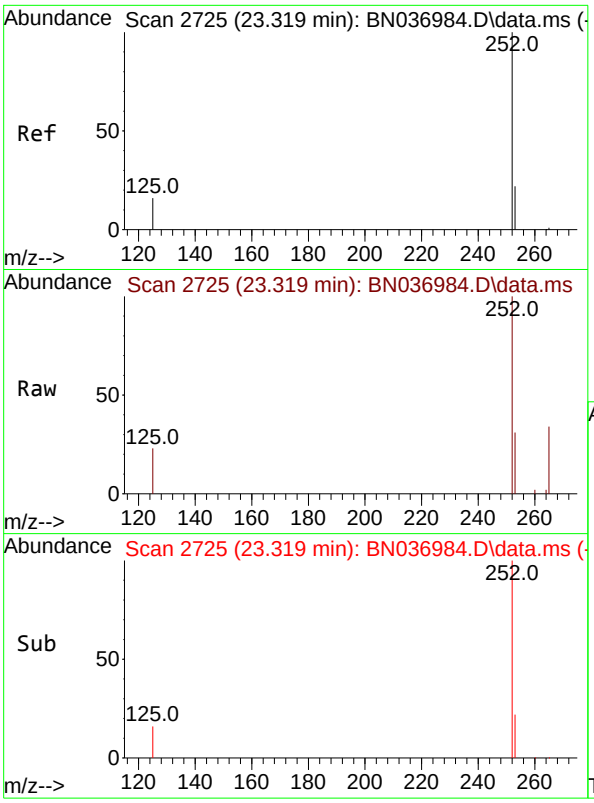


#38
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 22.795 min Scan# 2546
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:252 Resp: 6491

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.0	33.0
125	16.8	13.4	20.2



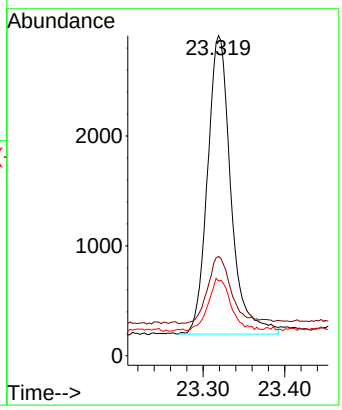


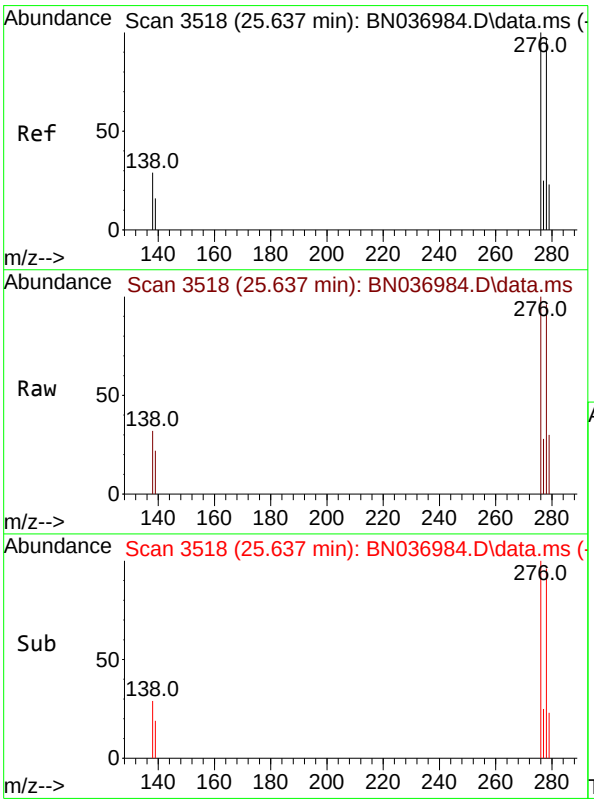
#39
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.319 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 5404

Ion	Ratio	Lower	Upper
252	100		
253	31.0	24.8	37.2
125	23.3	18.6	28.0

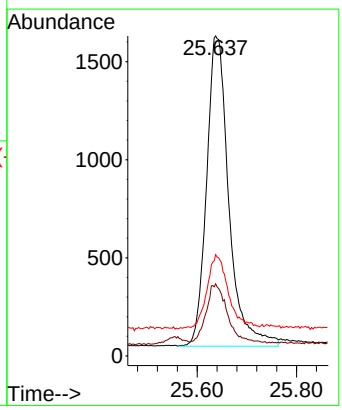


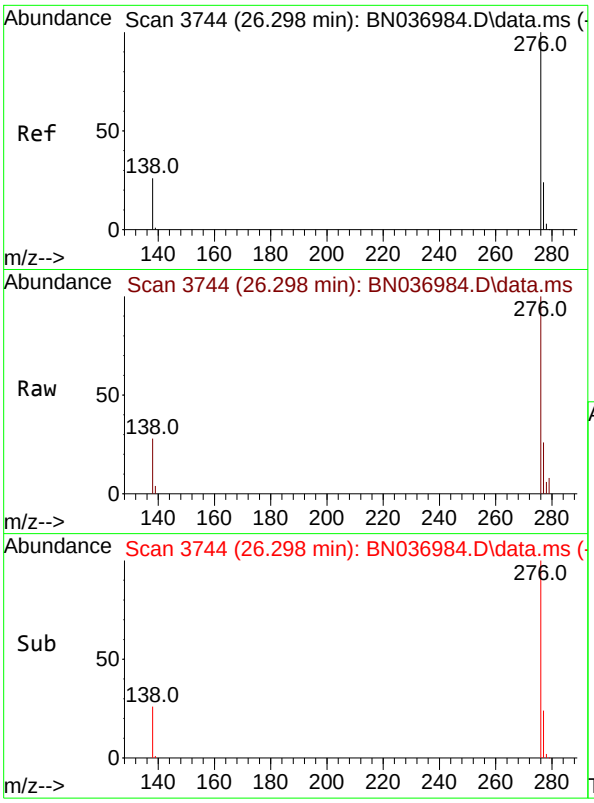


#40
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 25.637 min Scan# 3518
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Tgt Ion:278 Resp: 4920

Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.1	27.1
279	31.6	25.3	37.9





#41
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 26.298 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036984.D
Acq: 12 May 2025 14:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 5478

Ion	Ratio	Lower	Upper
276	100		
277	26.5	21.2	31.8
138	28.2	22.6	33.8