Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036985.D
Acq On : 12 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 12 17:53:01 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	2168	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	5452	0.40	ng		0.00
13) Acenaphthene-d10	14.267	164	3026	0.40	ng		0.00
19) Phenanthrene-d10	17.009	188	5991	0.40	ng		0.00
29) Chrysene-d12	21.206	240	4976	0.40	ng		0.00
35) Perylene-d12	23.415	264	4312	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	4244	0.76	ng		0.00
5) Phenol-d6	6.795	99	5081	0.75	ng		0.00
8) Nitrobenzene-d5	8.771	82	4479	0.78	ng		0.00
11) 2-Methylnaphthalene-d10	12.001	152	5886	0.77	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	1024	0.74	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	11371	0.80	ng		0.00
27) Fluoranthene-d10	19.049	212	12477	0.77	ng		0.00
31) Terphenyl-d14	19.658	244	8901	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	2215	0.79	ng		97
3) n-Nitrosodimethylamine	3.458	42	4483	0.78	ng		99
6) bis(2-Chloroethyl)ether	7.055	93	4908	0.78	ng		99
9) Naphthalene	10.447	128	12202	0.77	ng		98
10) Hexachlorobutadiene	10.746	225	2624	0.77	ng	#	98
12) 2-Methylnaphthalene	12.072	142	7878	0.77	ng		99
16) Acenaphthylene	13.989	152	11407	0.77	ng		99
17) Acenaphthene	14.331	154	7488	0.77	ng		99
18) Fluorene	15.325	166	10074	0.77	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	1195	0.78	ng	#	93
21) 4-Bromophenyl-phenylether	16.214	248	3076	0.79	ng		95
22) Hexachlorobenzene	16.326	284	3239	0.78	ng		98
23) Atrazine	16.487	200	2599	0.76	ng		96
24) Pentachlorophenol	16.673	266	1752	0.76	ng		97
25) Phenanthrene	17.058	178	15515	0.79	ng		99
26) Anthracene	17.145	178	13912	0.77	ng		100
28) Fluoranthene	19.082	202	17871	0.77	ng		99
30) Pyrene	19.444	202	17953	0.79	ng		99
32) Benzo(a)anthracene	21.197	228	14621	0.78	ng		99
33) Chrysene	21.242	228	15456	0.78	ng		99
34) Bis(2-ethylhexyl)phtha...	21.135	149	8135	0.70	ng		99
36) Indeno(1,2,3-cd)pyrene	25.623	276	13295	0.78	ng		98
37) Benzo(b)fluoranthene	22.754	252	13742	0.76	ng		94
38) Benzo(k)fluoranthene	22.798	252	13773	0.77	ng		94
39) Benzo(a)pyrene	23.316	252	11335	0.76	ng	#	89
40) Dibenzo(a,h)anthracene	25.640	278	10442	0.79	ng		93
41) Benzo(g,h,i)perylene	26.301	276	11500	0.78	ng		97

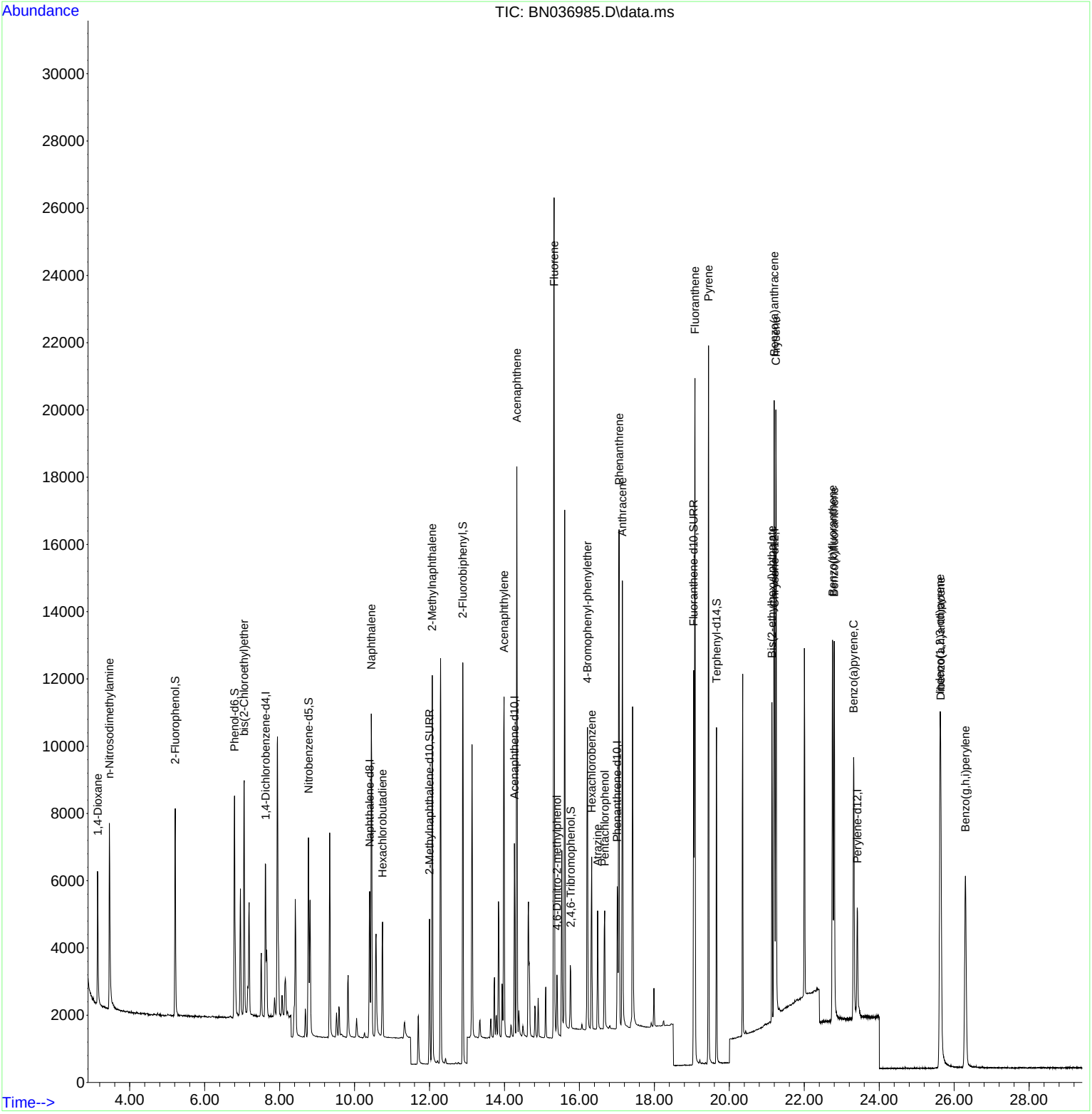
(#) = qualifier out of range (m) = manual integration (+) = signals summed

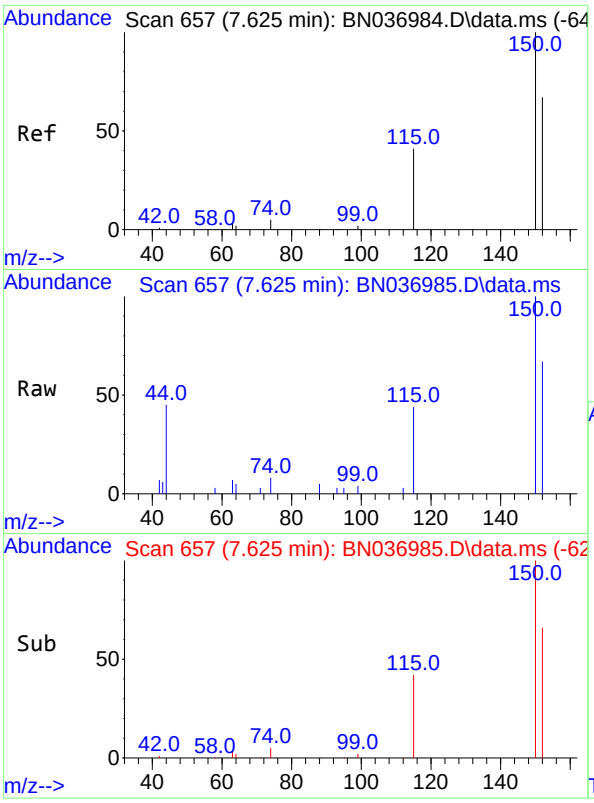
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036985.D
Acq On : 12 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 12 17:53:01 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



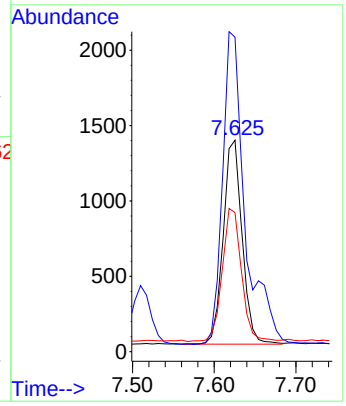


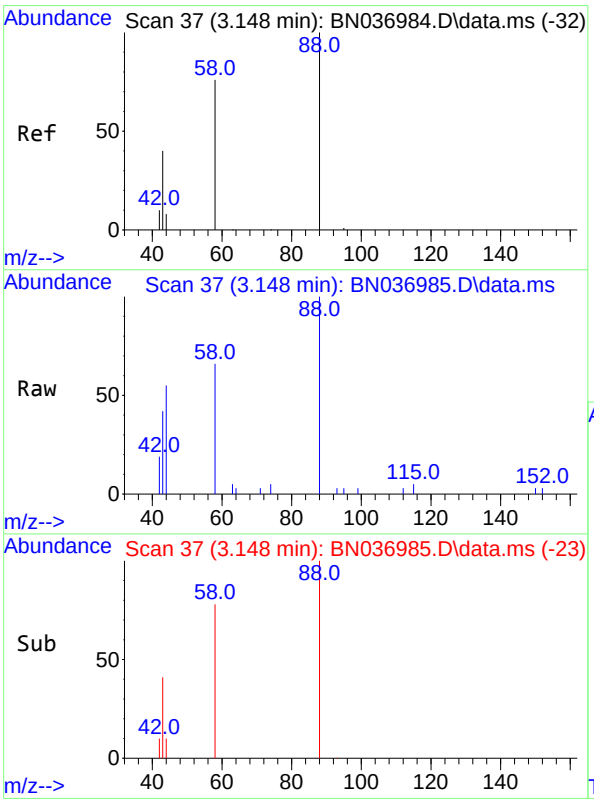
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.625 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 2168

Ion	Ratio	Lower	Upper
152	100		
150	148.8	118.2	177.4
115	65.7	52.5	78.7

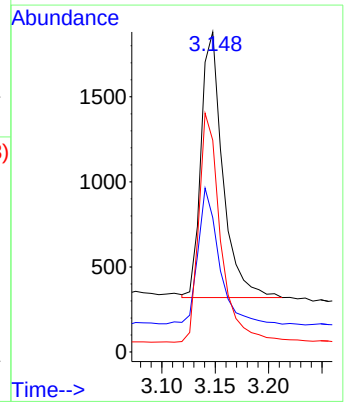


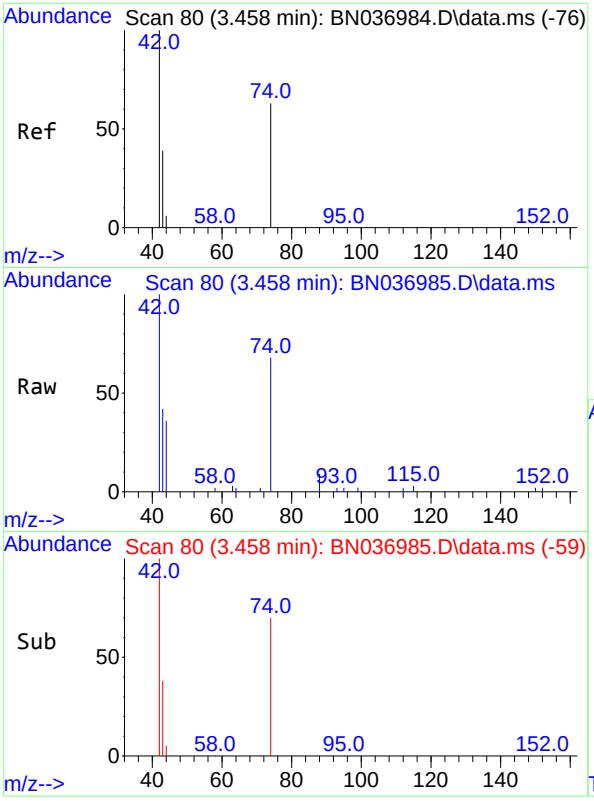


#2
1,4-Dioxane
Concen: 0.79 ng
RT: 3.148 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion: 88 Resp: 2215

Ion	Ratio	Lower	Upper
88	100		
43	49.9	43.3	64.9
58	87.4	70.7	106.1



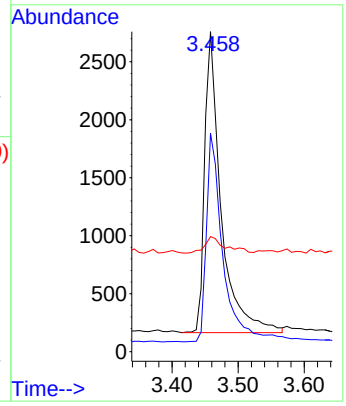


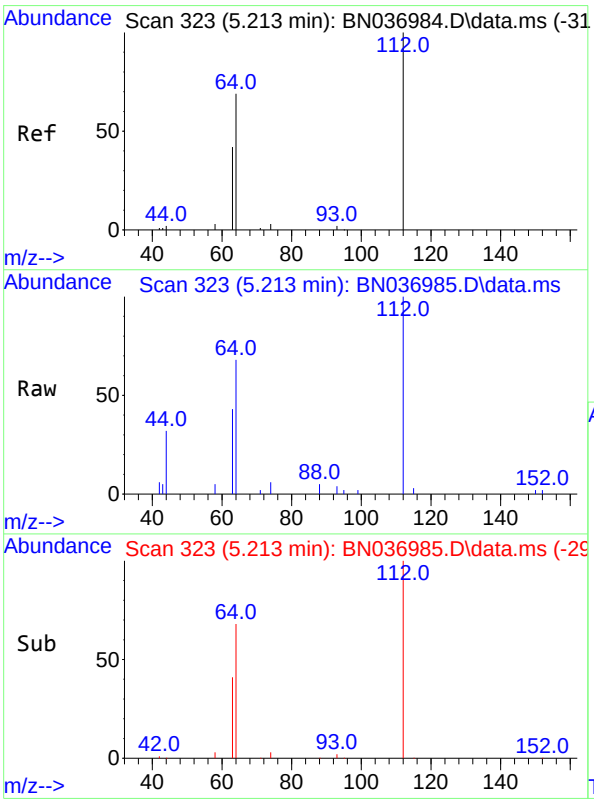
#3
n-Nitrosodimethylamine
Concen: 0.78 ng
RT: 3.458 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 4483

Ion	Ratio	Lower	Upper
42	100		
74	69.9	55.2	82.8
44	6.7	4.7	7.1

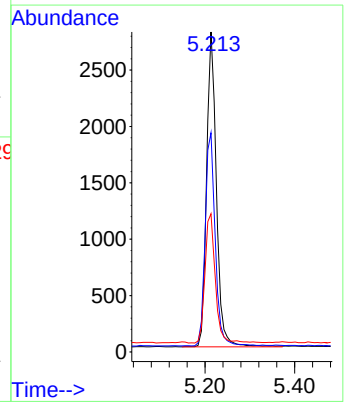


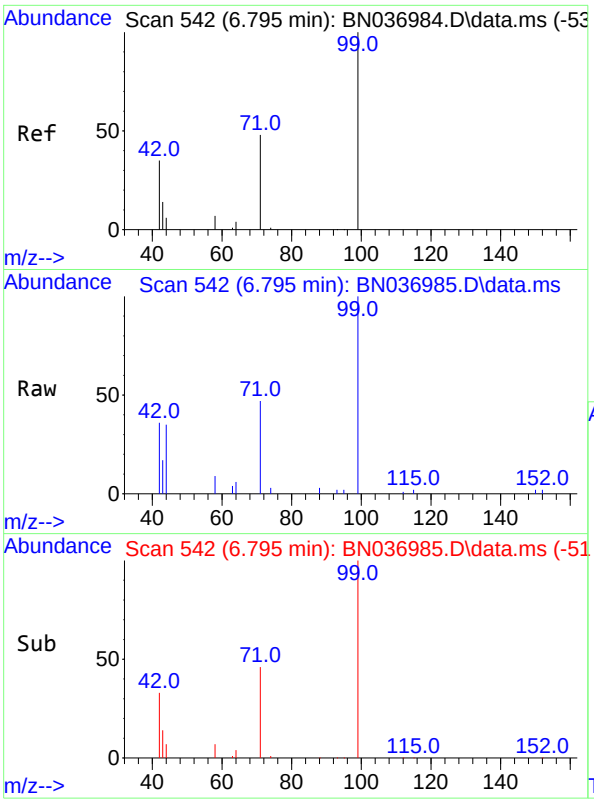


#4
2-Fluorophenol
Concen: 0.76 ng
RT: 5.213 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:112 Resp: 4244

Ion	Ratio	Lower	Upper
112	100		
64	69.5	56.2	84.2
63	43.2	34.3	51.5



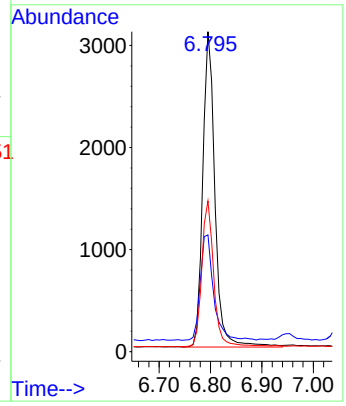


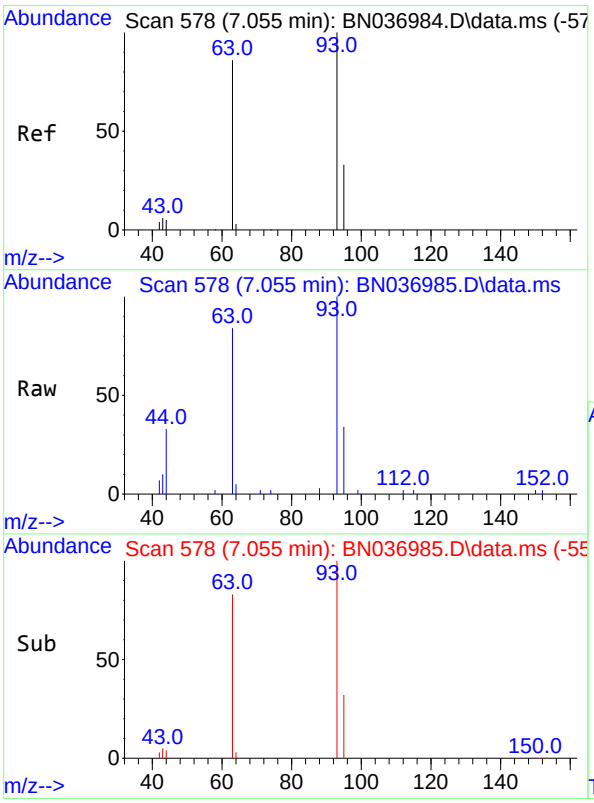
#5
Phenol-d6
Concen: 0.75 ng
RT: 6.795 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 5081

Ion	Ratio	Lower	Upper
99	100		
42	36.4	29.0	43.6
71	45.8	36.2	54.2

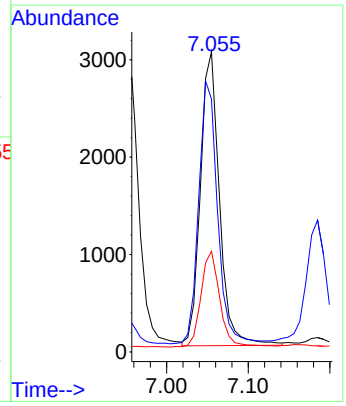


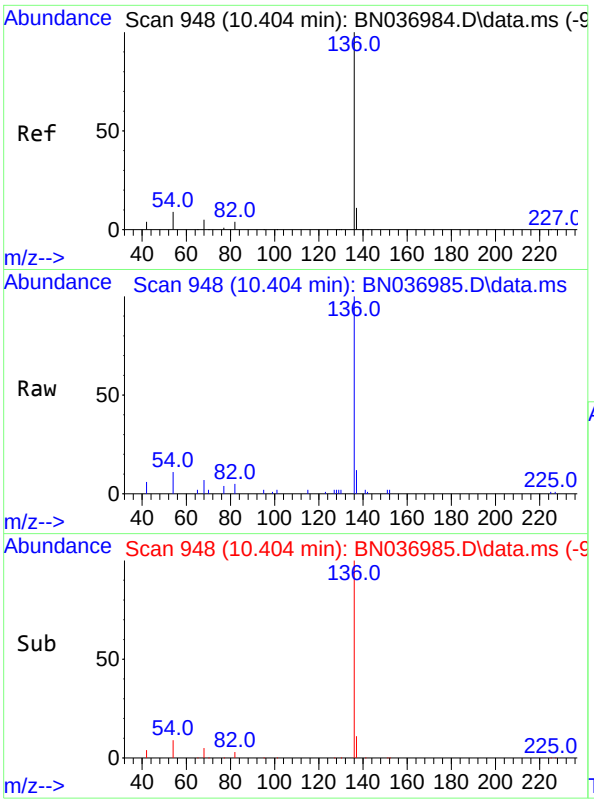


#6
bis(2-Chloroethyl)ether
Concen: 0.78 ng
RT: 7.055 min Scan# 578
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion: 93 Resp: 4908

Ion	Ratio	Lower	Upper
93	100		
63	88.2	69.6	104.4
95	32.2	25.1	37.7



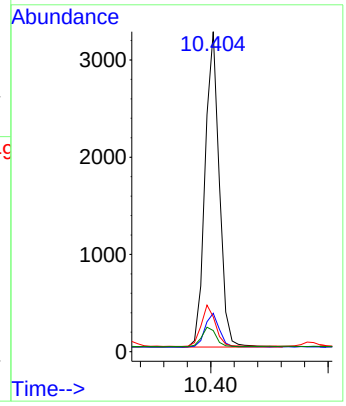


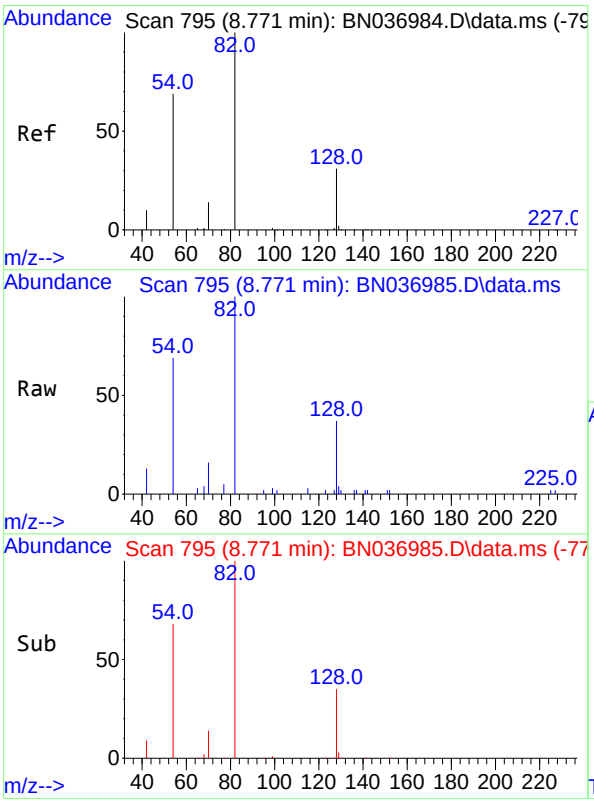
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.404 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 5452

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.3	15.5
54	10.9	9.2	13.8
68	6.6	5.6	8.4

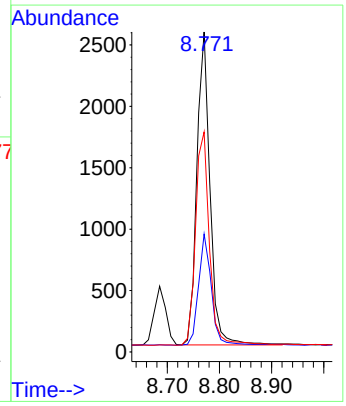


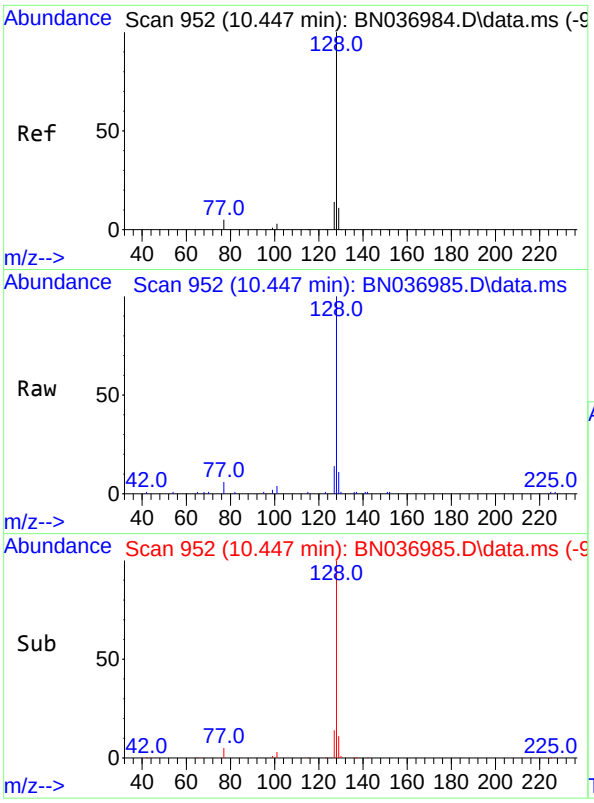


#8
Nitrobenzene-d5
Concen: 0.78 ng
RT: 8.771 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion: 82 Resp: 4479

Ion	Ratio	Lower	Upper
82	100		
128	36.8	28.1	42.1
54	68.8	56.4	84.6



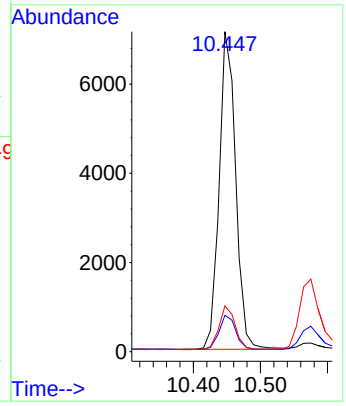


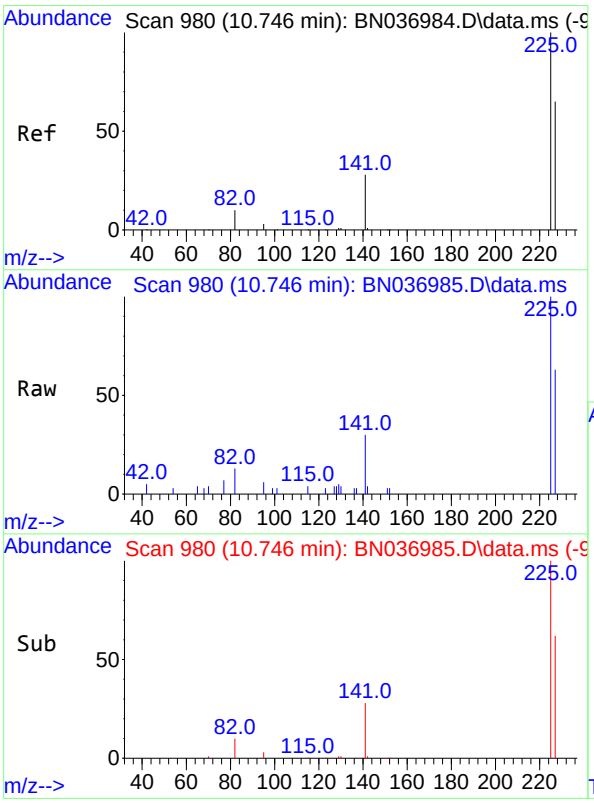
#9
Naphthalene
Concen: 0.77 ng
RT: 10.447 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 12202

Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.0	15.0
127	14.3	12.1	18.1

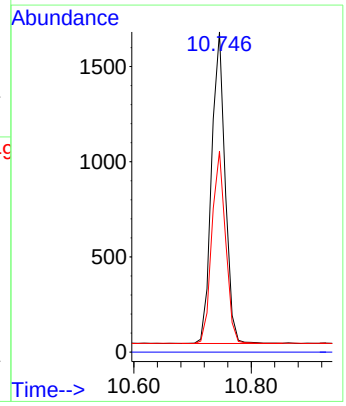


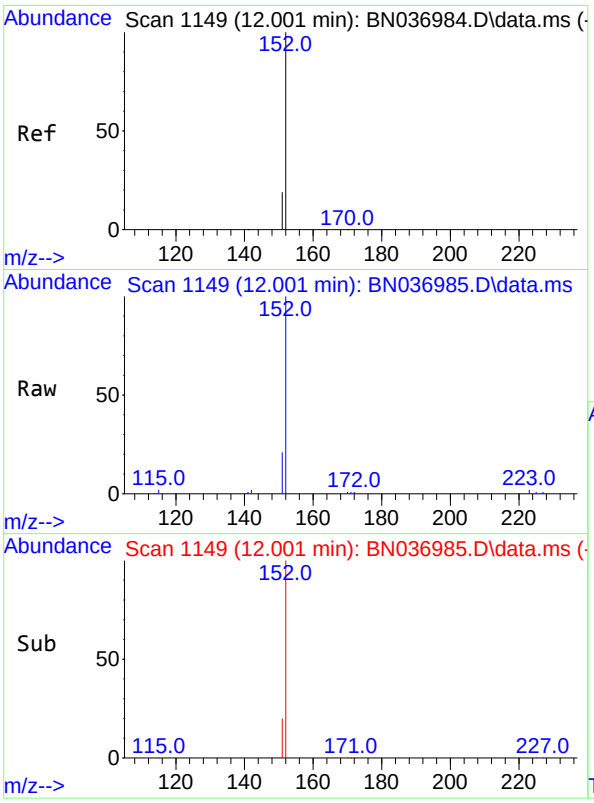


#10
Hexachlorobutadiene
Concen: 0.77 ng
RT: 10.746 min Scan# 980
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:225 Resp: 2624

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	51.2	76.8



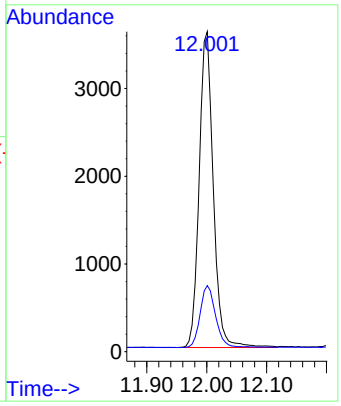


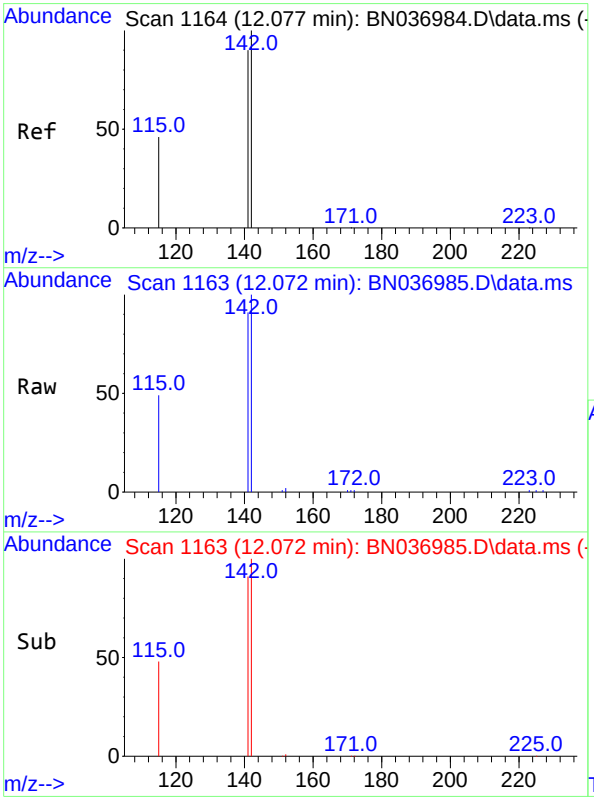
#11
2-Methylnaphthalene-d10
Concen: 0.77 ng
RT: 12.001 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5886

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.2

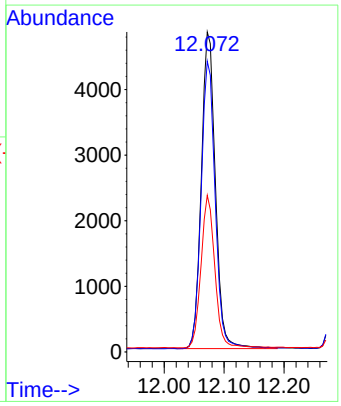


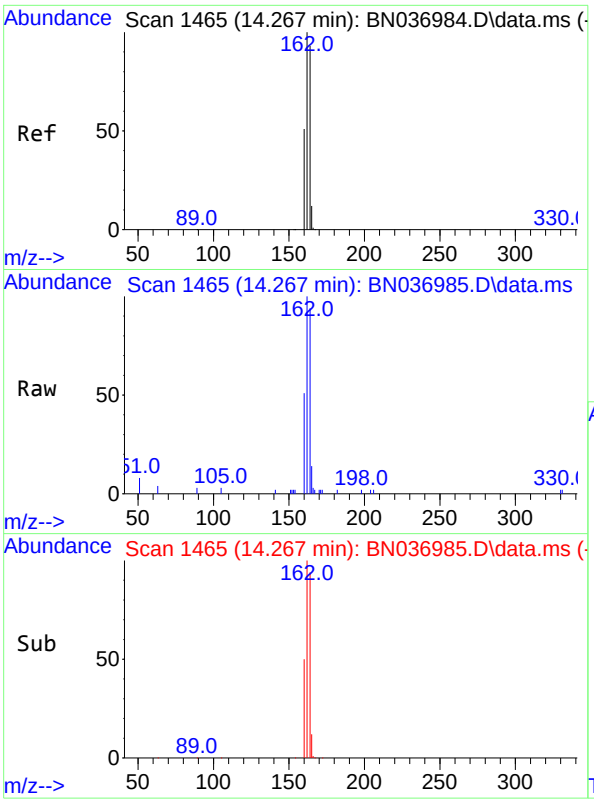


#12
2-Methylnaphthalene
Concen: 0.77 ng
RT: 12.072 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:142 Resp: 7878

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.8	107.8
115	49.0	38.6	58.0



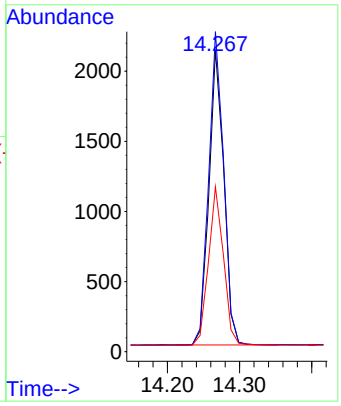


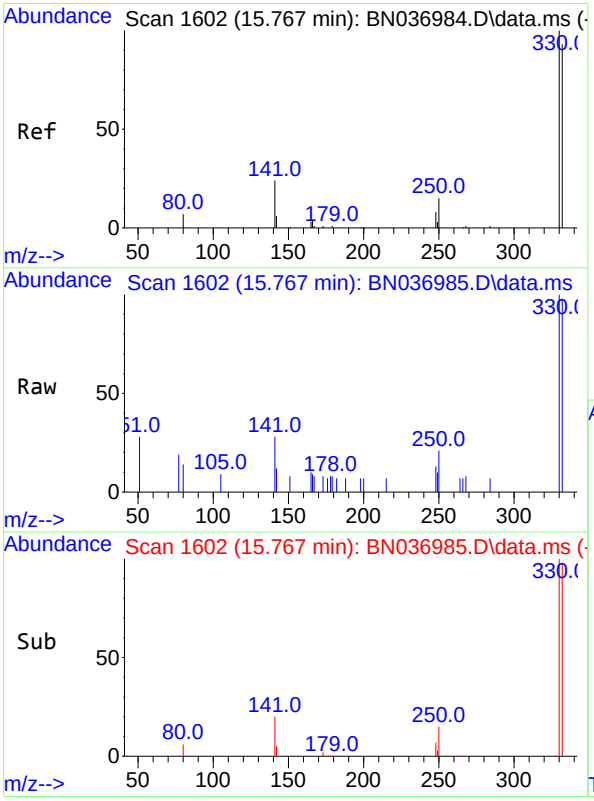
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.267 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 3026

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	54.6	44.6	67.0

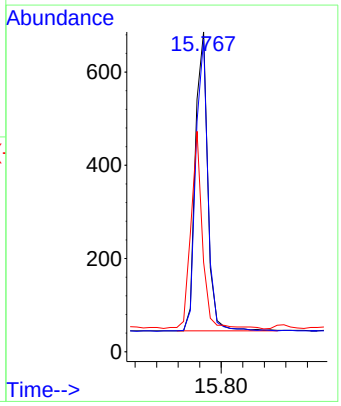


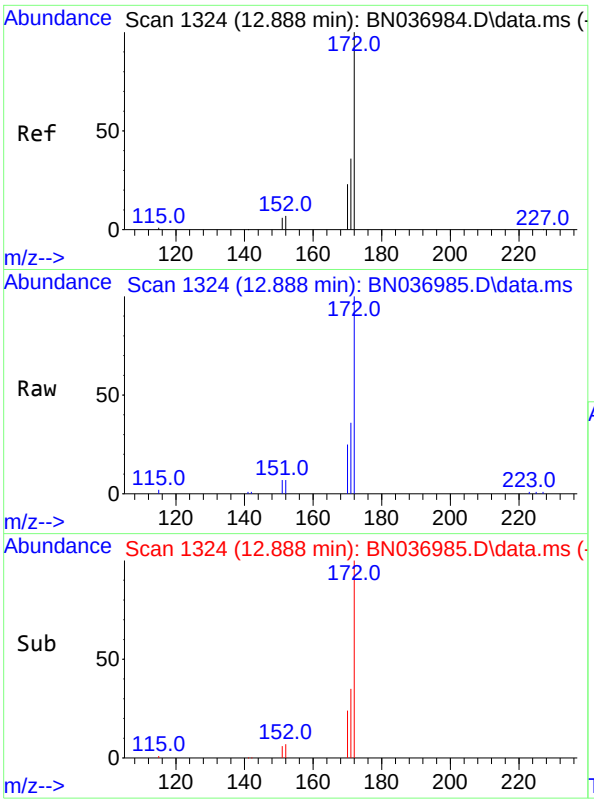


#14
2,4,6-Tribromophenol
Concen: 0.74 ng
RT: 15.767 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:330 Resp: 1024

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.6	113.4
141	62.0	47.4	71.2



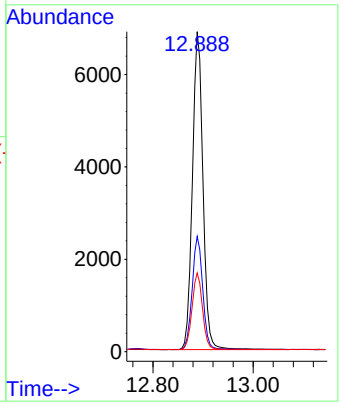


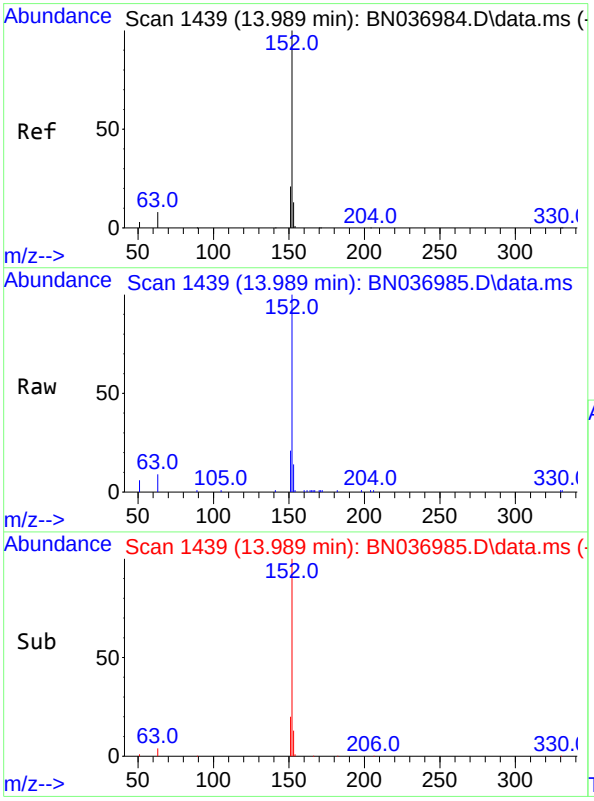
#15
2-Fluorobiphenyl
Concen: 0.80 ng
RT: 12.888 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 11371

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.6	19.4	29.0

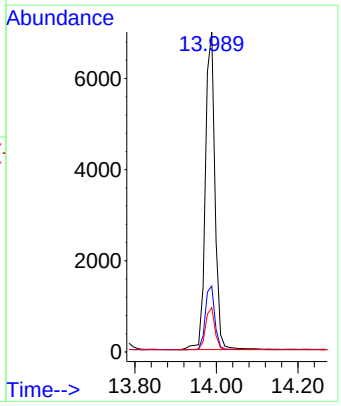


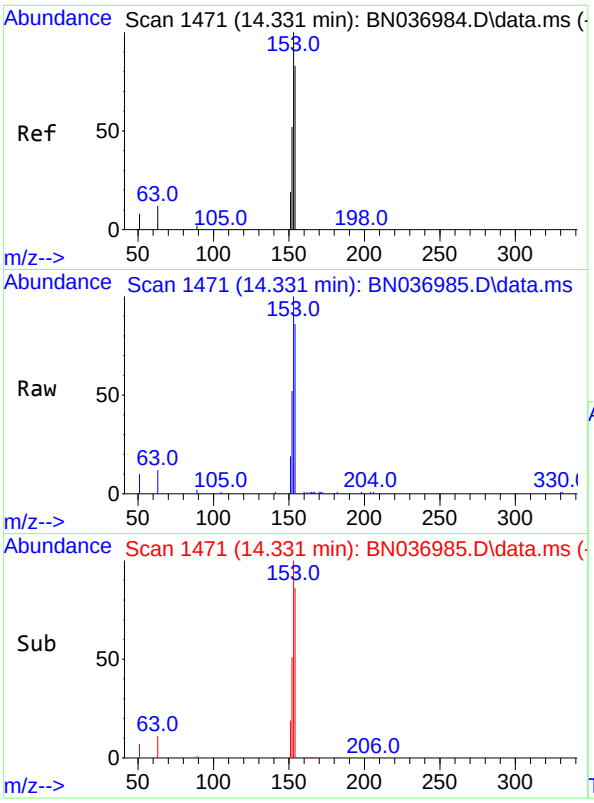


#16
Acenaphthylene
Concen: 0.77 ng
RT: 13.989 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:152 Resp: 11407

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	12.8	10.9	16.3



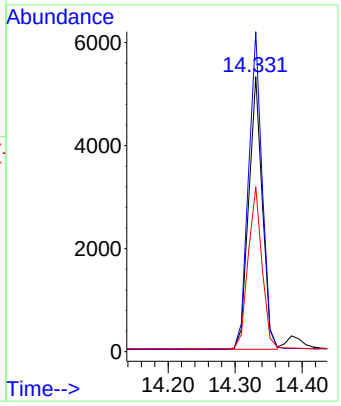


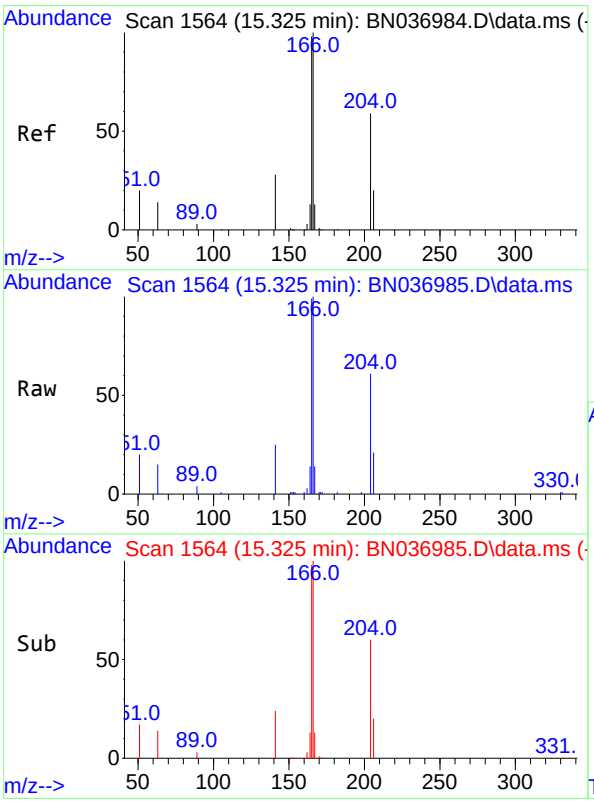
#17
Acenaphthene
Concen: 0.77 ng
RT: 14.331 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 7488

Ion	Ratio	Lower	Upper
154	100		
153	116.5	94.6	142.0
152	61.0	49.4	74.2

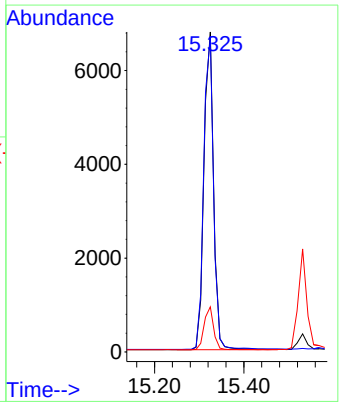


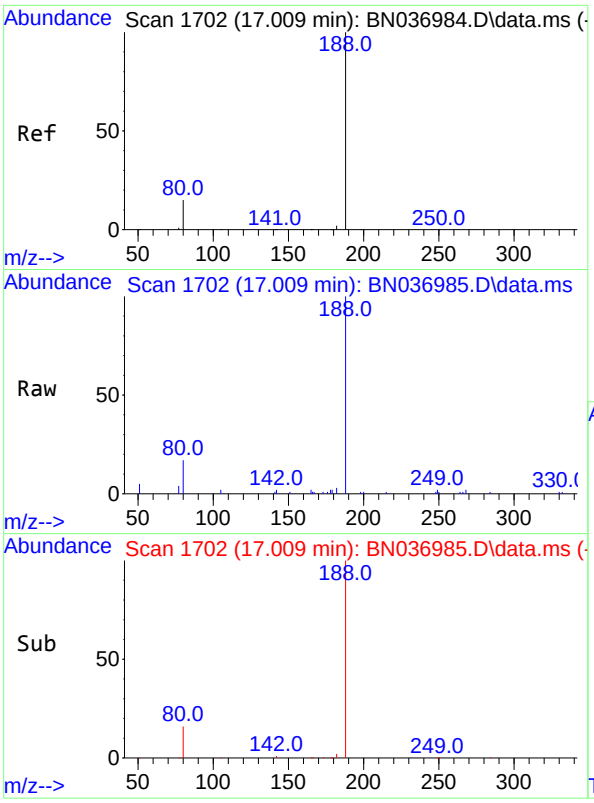


#18
Fluorene
Concen: 0.77 ng
RT: 15.325 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:166 Resp: 10074

Ion	Ratio	Lower	Upper
166	100		
165	100.8	81.0	121.4
167	13.3	10.6	16.0



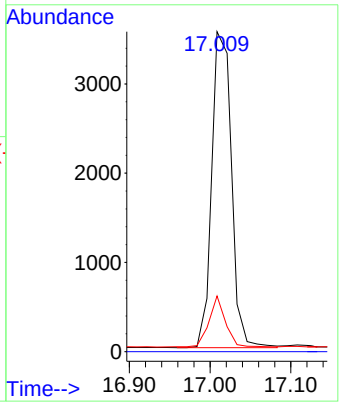


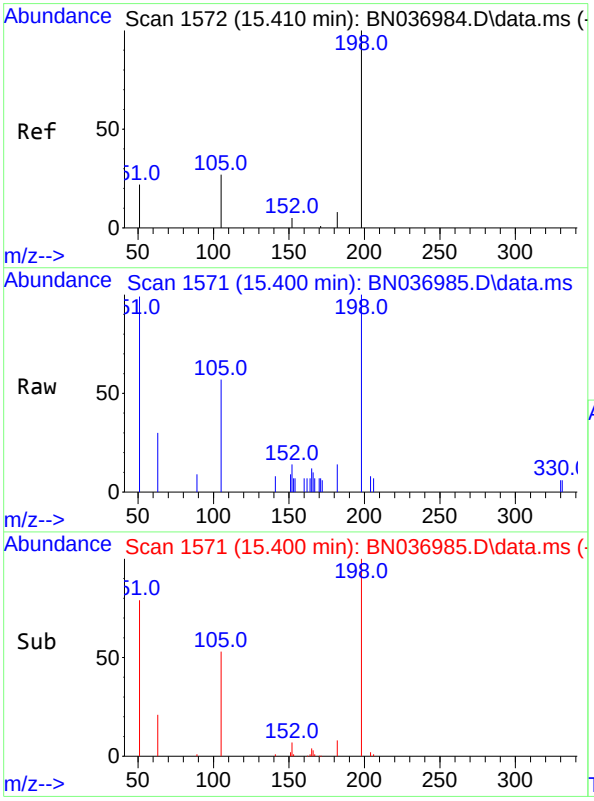
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.009 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 5991

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.4	13.4	20.0

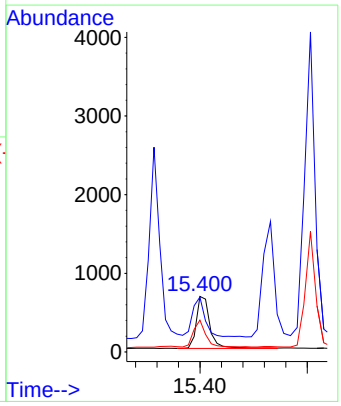


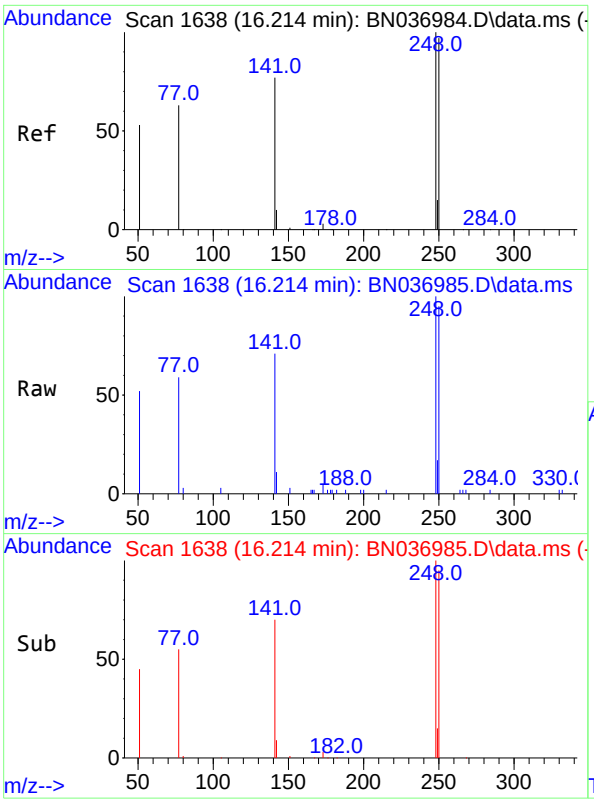


#20
4,6-Dinitro-2-methylphenol
Concen: 0.78 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.011 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:198 Resp: 1195

Ion	Ratio	Lower	Upper
198	100		
51	98.7	79.7	119.5
105	57.4	36.0	54.0#



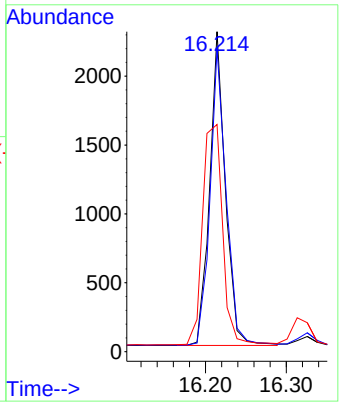


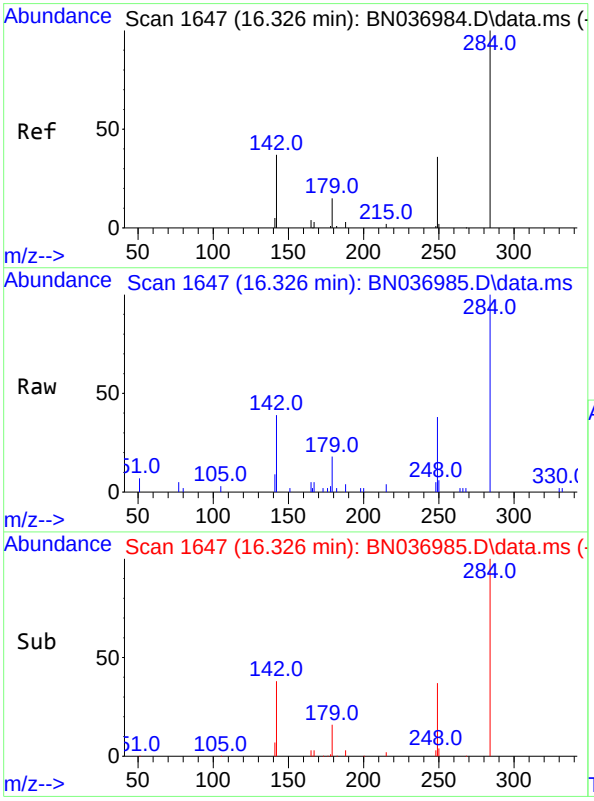
#21
4-Bromophenyl-phenylether
Concen: 0.79 ng
RT: 16.214 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 3076

Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.8	116.8
141	71.0	63.1	94.7

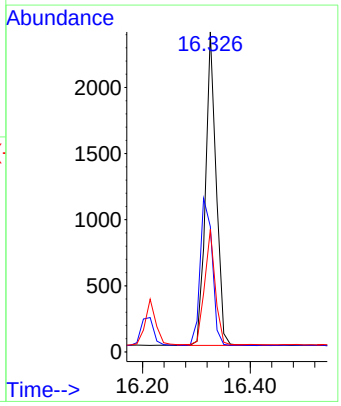


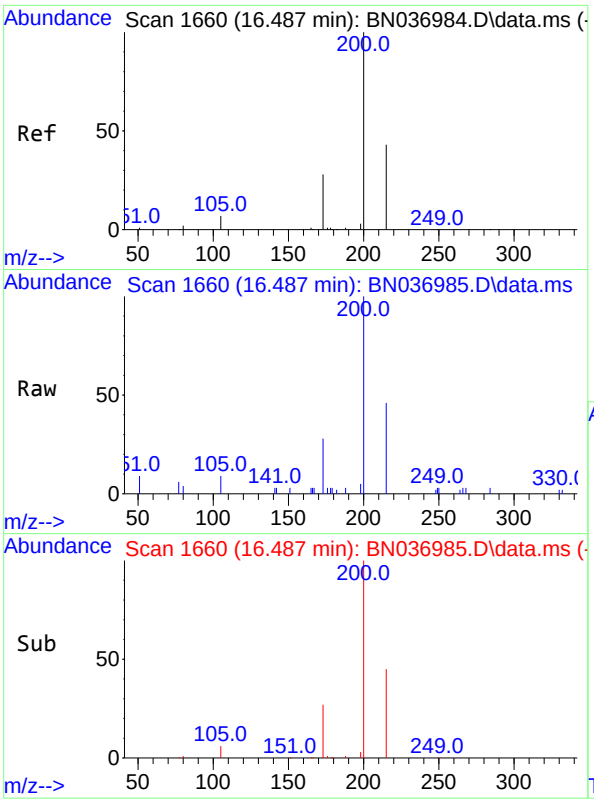


#22
Hexachlorobenzene
Concen: 0.78 ng
RT: 16.326 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:284 Resp: 3239

Ion	Ratio	Lower	Upper
284	100		
142	53.8	41.4	62.2
249	36.9	29.1	43.7



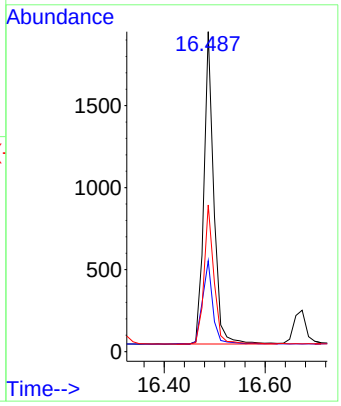


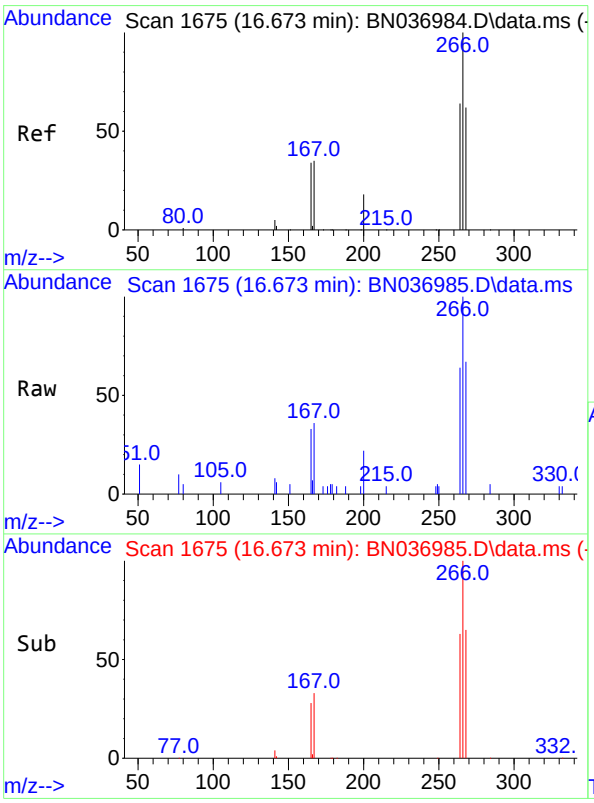
#23
Atrazine
Concen: 0.76 ng
RT: 16.487 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 2599

Ion	Ratio	Lower	Upper
200	100		
173	28.4	25.8	38.6
215	45.8	37.4	56.0

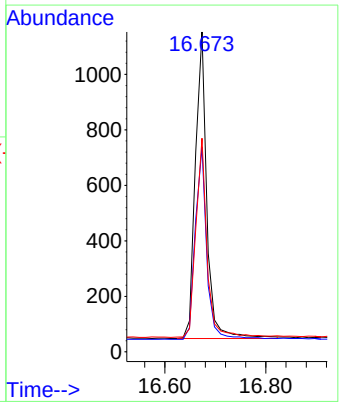


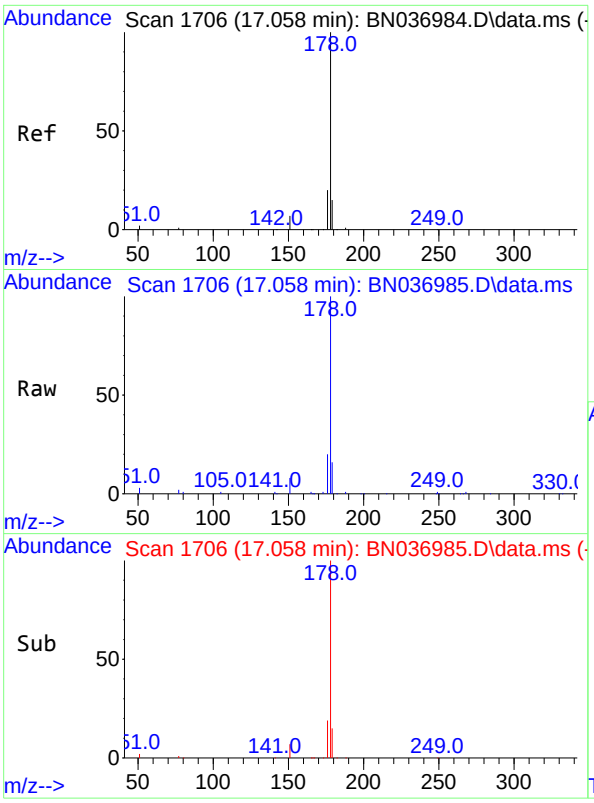


#24
Pentachlorophenol
Concen: 0.76 ng
RT: 16.673 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:266 Resp: 1752

Ion	Ratio	Lower	Upper
266	100		
264	63.0	52.8	79.2
268	63.7	50.0	75.0





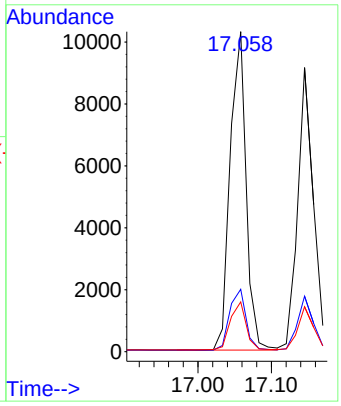
#25
Phenanthrene
Concen: 0.79 ng
RT: 17.058 min Scan# 1

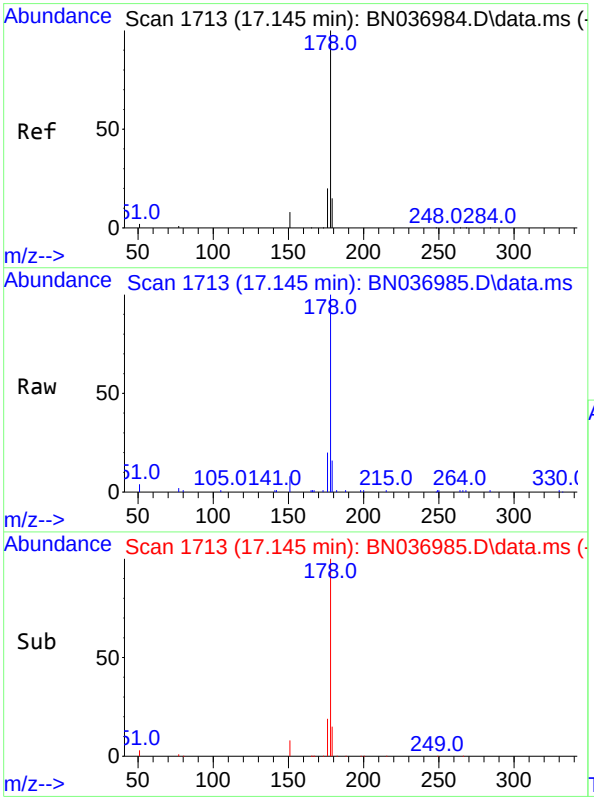
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:178 Resp: 15515

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.1	12.3	18.5

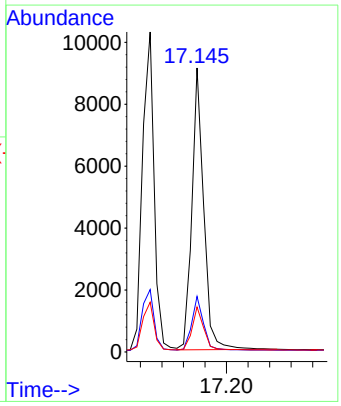


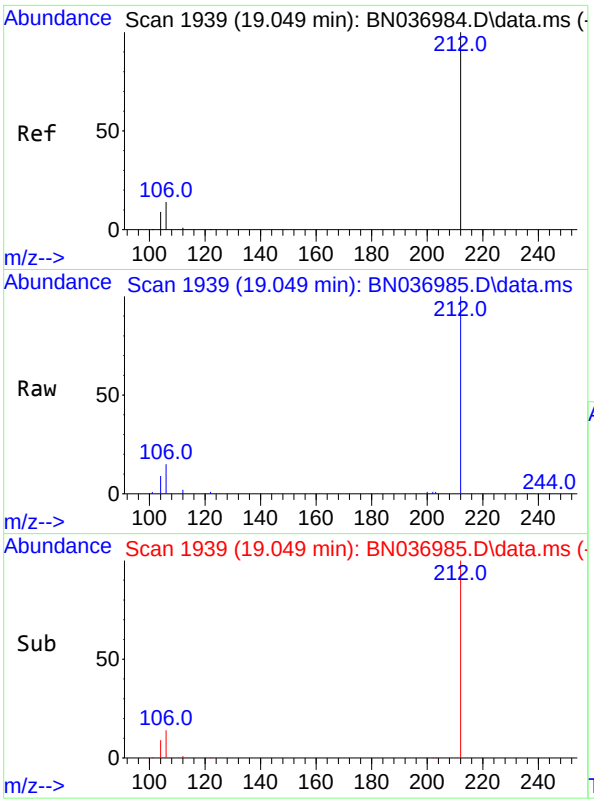


#26
Anthracene
Concen: 0.77 ng
RT: 17.145 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:178 Resp: 13912

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.3	12.2	18.2



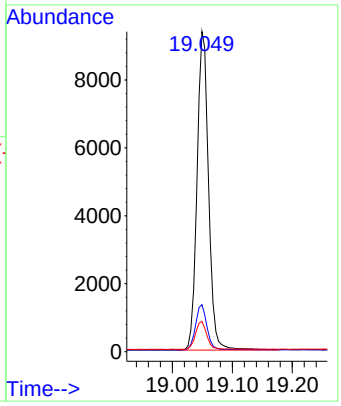


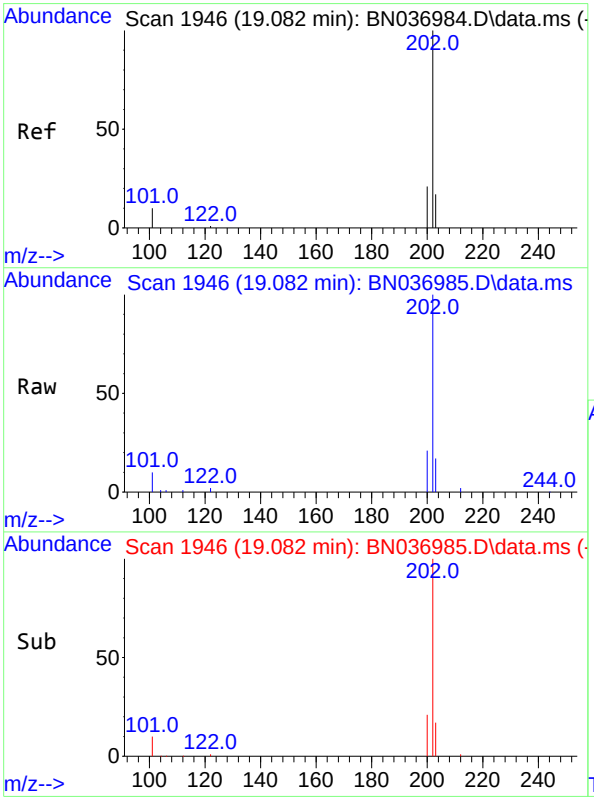
#27
Fluoranthene-d10
Concen: 0.77 ng
RT: 19.049 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 12477

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.3	16.9
104	8.6	7.0	10.4

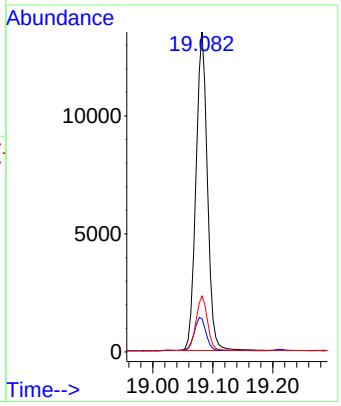


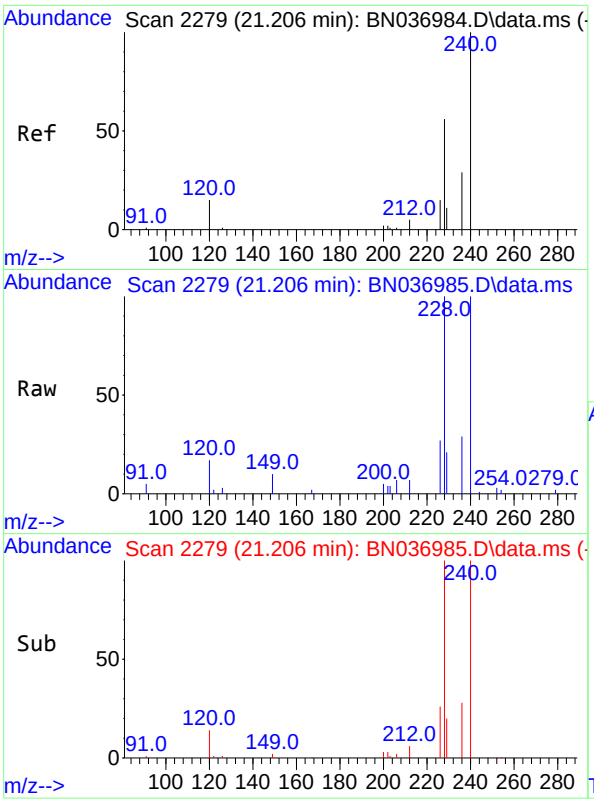


#28
Fluoranthene
Concen: 0.77 ng
RT: 19.082 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:202 Resp: 17871

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.6	12.8
203	17.0	13.5	20.3



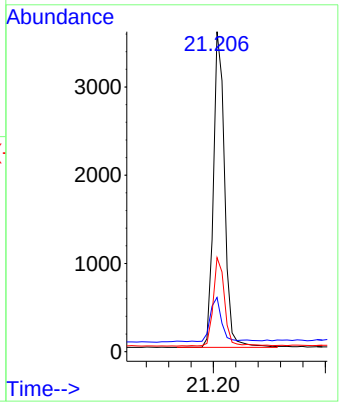


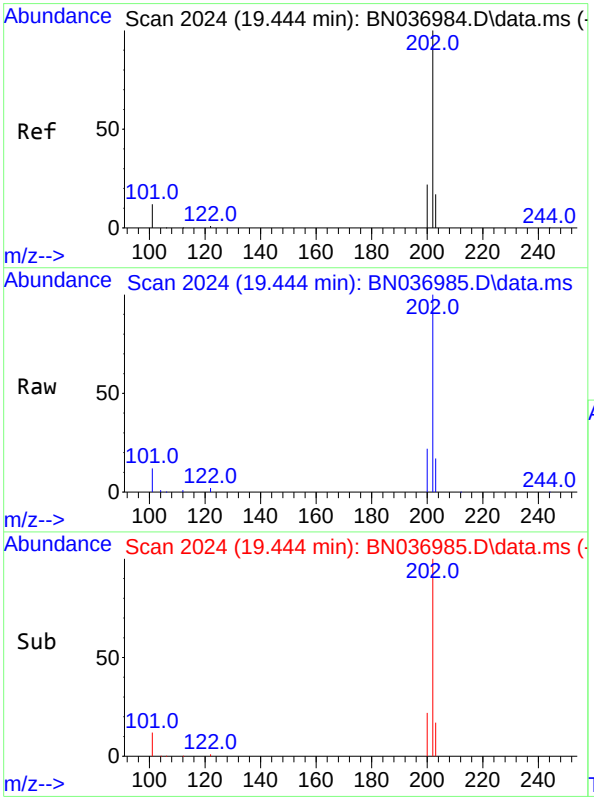
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.206 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 4976

Ion	Ratio	Lower	Upper
240	100		
120	17.0	14.5	21.7
236	29.4	24.3	36.5

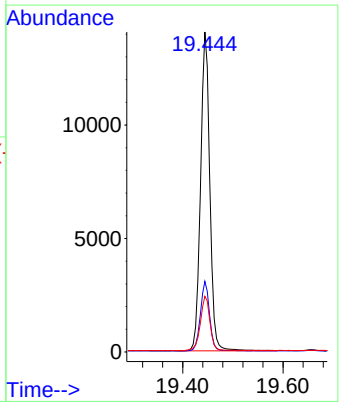


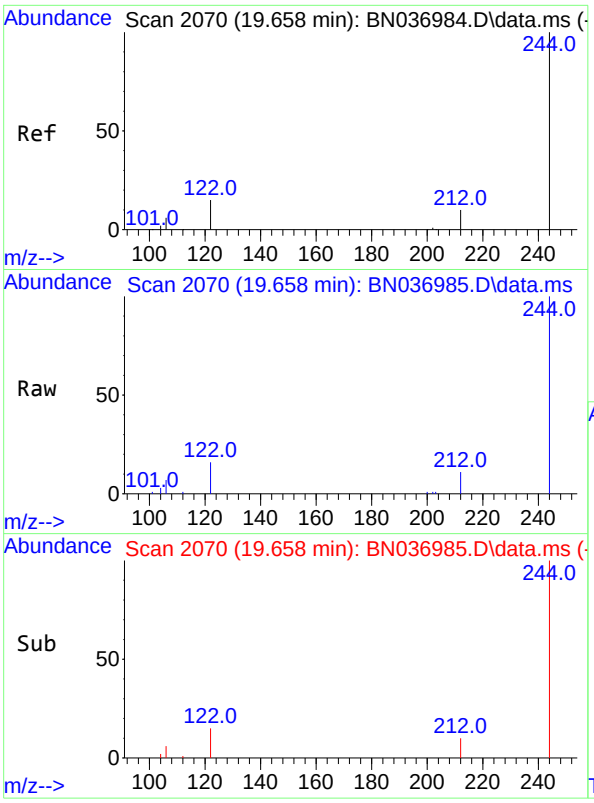


#30
Pyrene
Concen: 0.79 ng
RT: 19.444 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:202 Resp: 17953

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.3	25.9
203	17.6	14.4	21.6



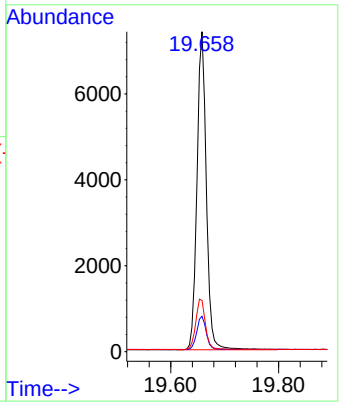


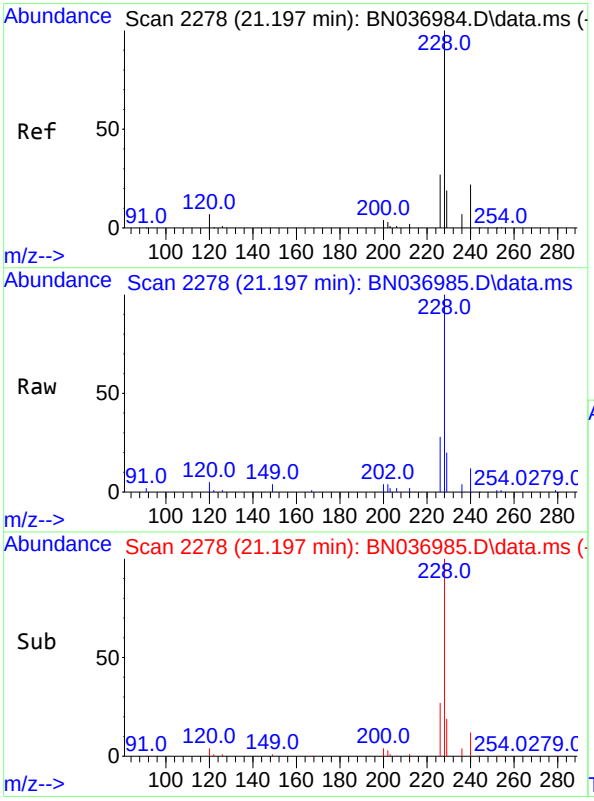
#31
Terphenyl-d14
Concen: 0.79 ng
RT: 19.658 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 8901

Ion	Ratio	Lower	Upper
244	100		
212	11.0	9.5	14.3
122	16.0	13.4	20.0

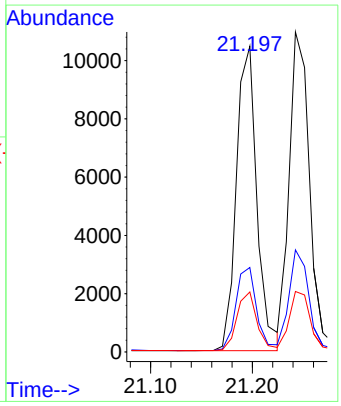


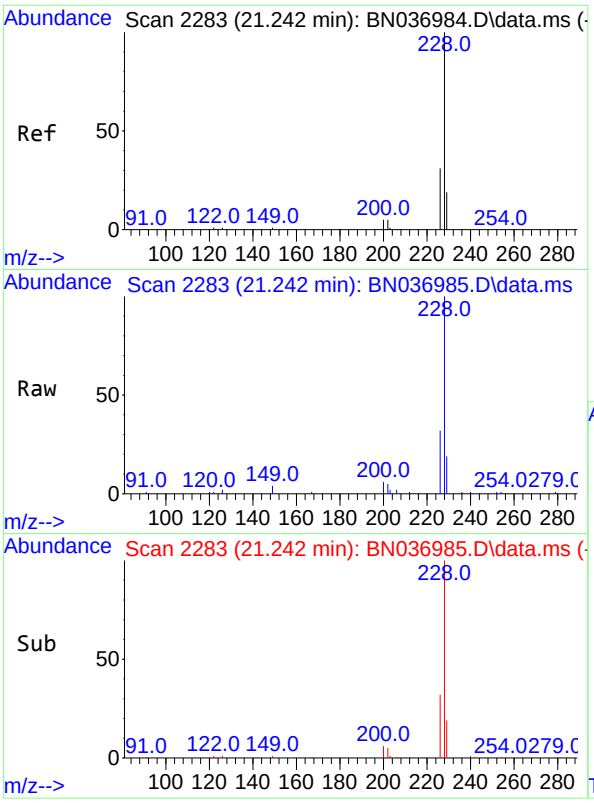


#32
Benzo(a)anthracene
Concen: 0.78 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:228 Resp: 14621

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	19.6	16.0	24.0



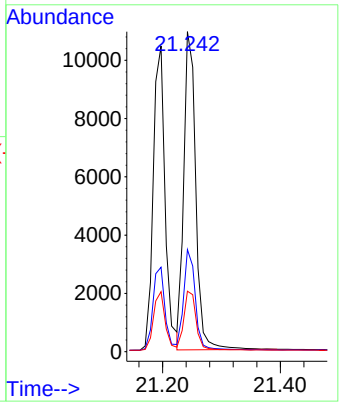


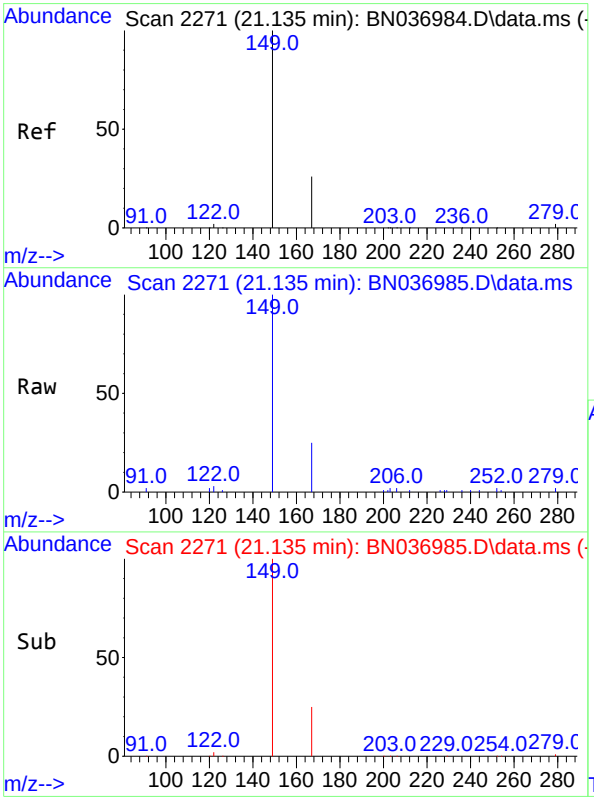
#33
Chrysene
Concen: 0.78 ng
RT: 21.242 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 15456

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.7	38.5
229	18.9	16.0	24.0

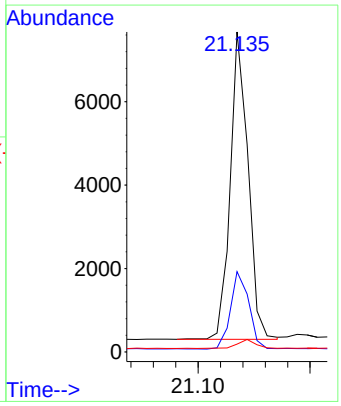


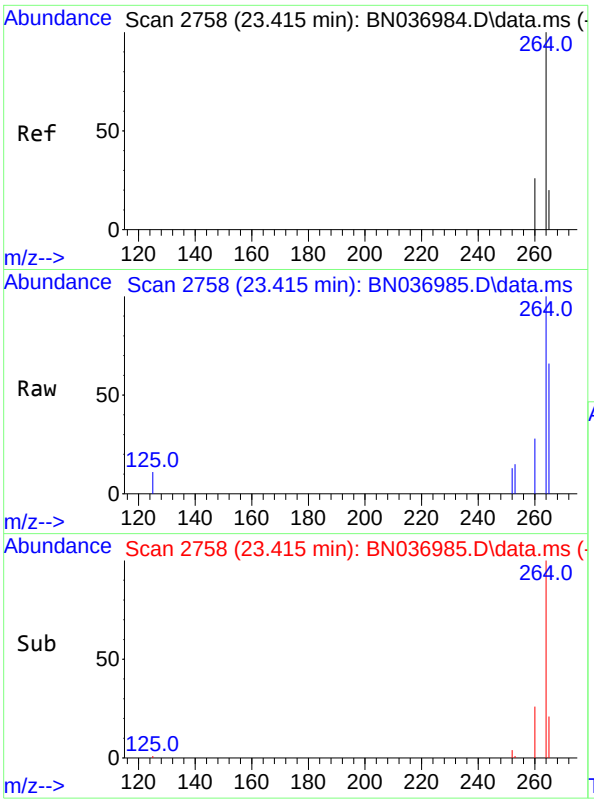


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.70 ng
RT: 21.135 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:149 Resp: 8135

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.6
279	3.0	2.7	4.1



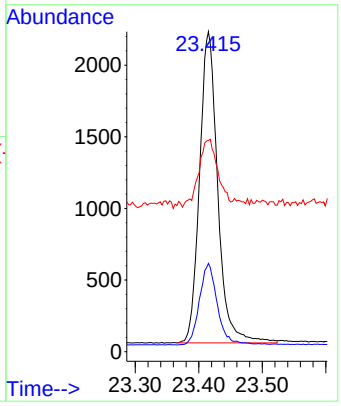


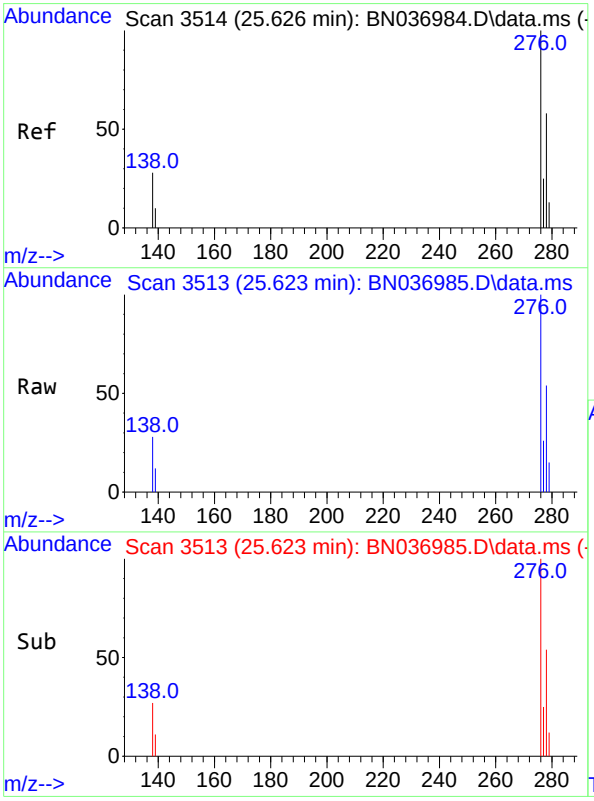
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.415 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 4312

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.3	33.5
265	66.0	55.4	83.0

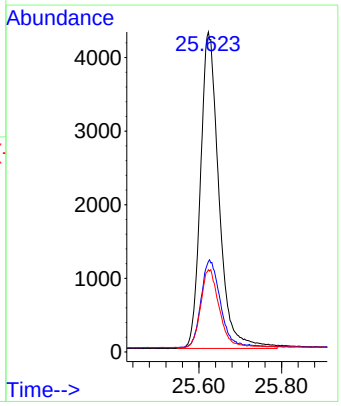


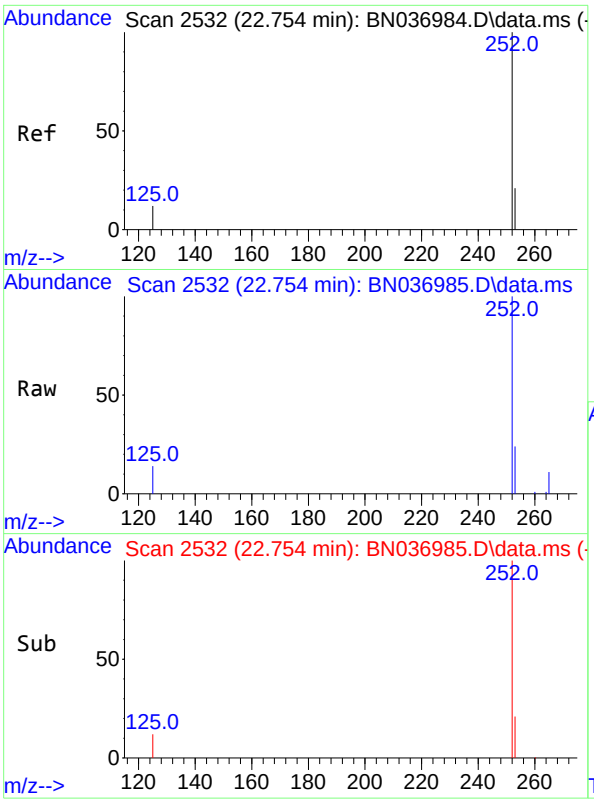


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.78 ng
RT: 25.623 min Scan# 3513
Delta R.T. -0.003 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:276 Resp: 13295

Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.8
277	24.6	20.2	30.4



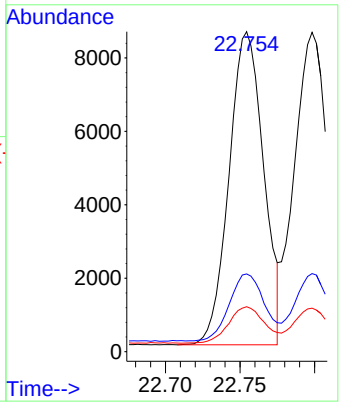


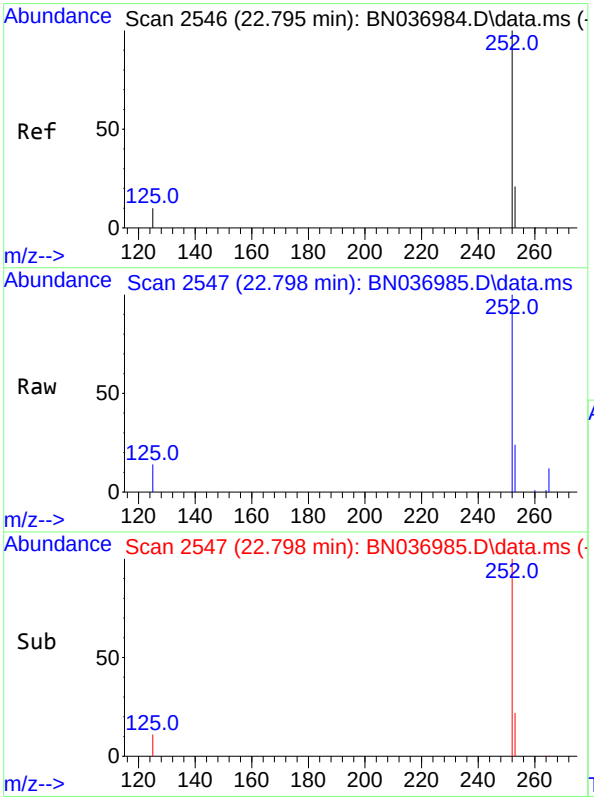
#37
Benzo(b)fluoranthene
Concen: 0.76 ng
RT: 22.754 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 13742

Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.9	32.9
125	14.1	13.8	20.8

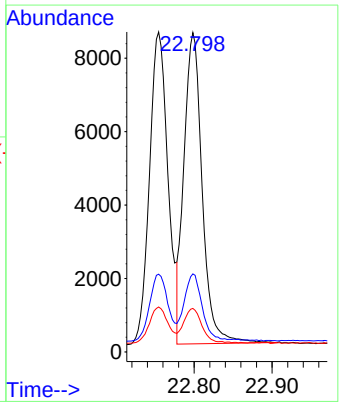


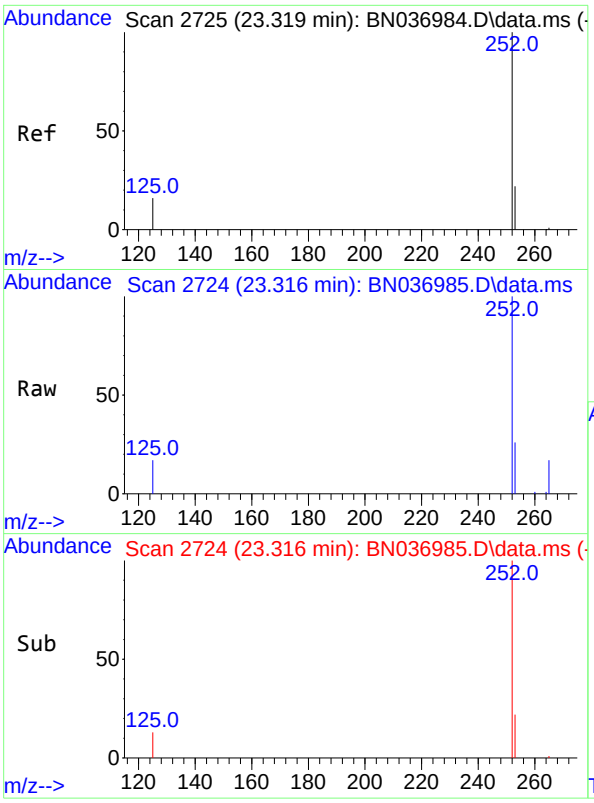


#38
Benzo(k)fluoranthene
Concen: 0.77 ng
RT: 22.798 min Scan# 2547
Delta R.T. 0.003 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:252 Resp: 13773

Ion	Ratio	Lower	Upper
252	100		
253	24.4	22.0	33.0
125	13.6	13.4	20.2



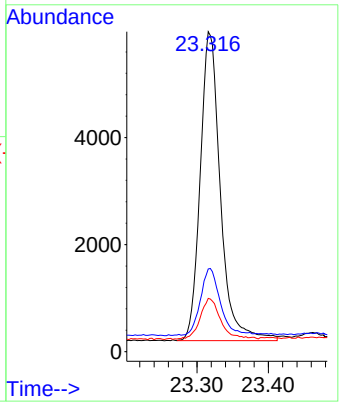


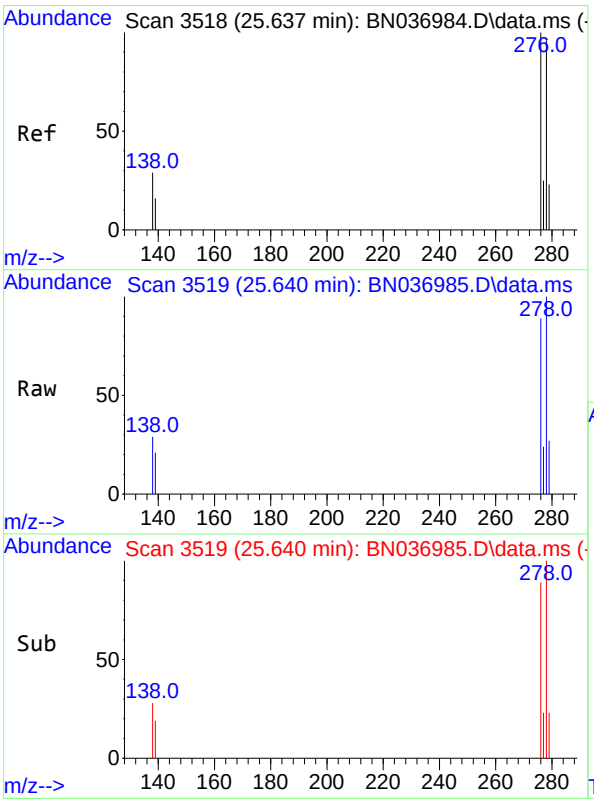
#39
Benzo(a)pyrene
Concen: 0.76 ng
RT: 23.316 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 11335

Ion	Ratio	Lower	Upper
252	100		
253	25.8	24.8	37.2
125	16.6	18.6	28.0#

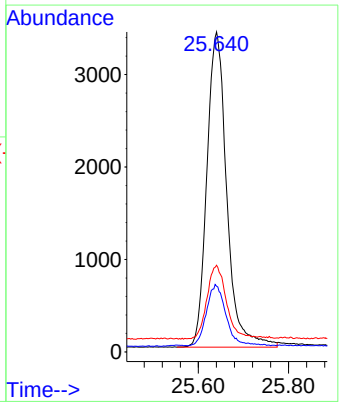


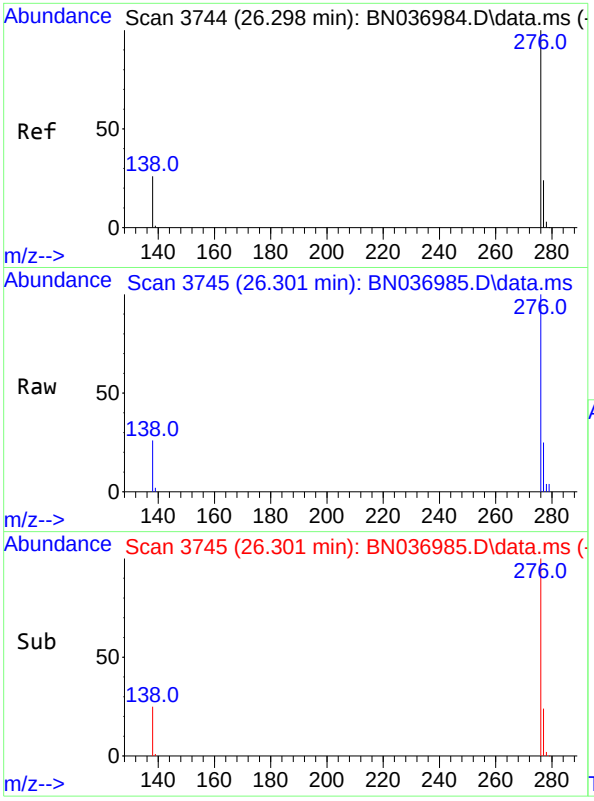


#40
Dibenzo(a,h)anthracene
Concen: 0.79 ng
RT: 25.640 min Scan# 3519
Delta R.T. 0.003 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Tgt Ion:278 Resp: 10442

Ion	Ratio	Lower	Upper
278	100		
139	20.5	18.1	27.1
279	27.1	25.3	37.9





#41
Benzo(g,h,i)perylene
Concen: 0.78 ng
RT: 26.301 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN036985.D
Acq: 12 May 2025 15:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 11500

Ion	Ratio	Lower	Upper
276	100		
277	24.9	21.2	31.8
138	26.5	22.6	33.8