Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036982.D
Acq On : 12 May 2025 13:43
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 12 17:51:32 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

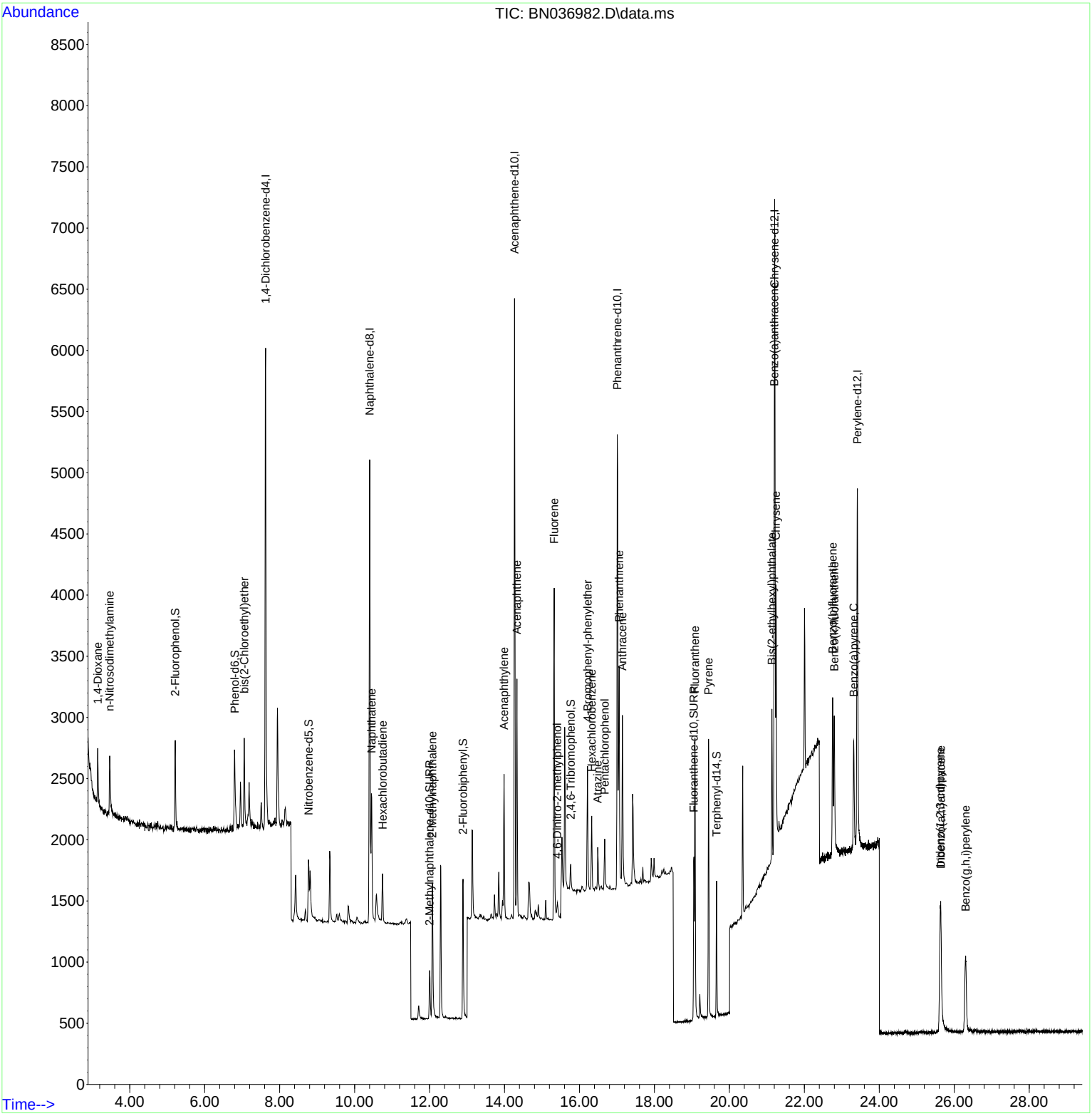
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.625	152	1948	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	4898	0.40	ng		0.00
13) Acenaphthene-d10	14.267	164	2693	0.40	ng		0.00
19) Phenanthrene-d10	17.009	188	5741	0.40	ng		0.00
29) Chrysene-d12	21.206	240	4513	0.40	ng		0.00
35) Perylene-d12	23.415	264	3919	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	509	0.10	ng		0.00
5) Phenol-d6	6.802	99	580	0.10	ng		0.00
8) Nitrobenzene-d5	8.771	82	477	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.001	152	655	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	124	0.10	ng		0.00
15) 2-Fluorobiphenyl	12.894	172	1299	0.10	ng		0.00
27) Fluoranthene-d10	19.054	212	1497	0.10	ng		0.00
31) Terphenyl-d14	19.658	244	1070	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	257m	0.10	ng		
3) n-Nitrosodimethylamine	3.466	42	579	0.11	ng	#	91
6) bis(2-Chloroethyl)ether	7.055	93	553	0.10	ng		97
9) Naphthalene	10.458	128	1418	0.10	ng	#	91
10) Hexachlorobutadiene	10.746	225	314	0.10	ng	#	99
12) 2-Methylnaphthalene	12.077	142	880	0.10	ng		93
16) Acenaphthylene	13.989	152	1270	0.10	ng		99
17) Acenaphthene	14.331	154	872	0.10	ng		98
18) Fluorene	15.325	166	1140	0.10	ng		98
20) 4,6-Dinitro-2-methylph...	15.411	198	113	0.08	ng	#	1
21) 4-Bromophenyl-phenylether	16.214	248	349	0.09	ng		94
22) Hexachlorobenzene	16.326	284	401	0.10	ng		99
23) Atrazine	16.487	200	301	0.09	ng	#	86
24) Pentachlorophenol	16.673	266	209	0.09	ng		97
25) Phenanthrene	17.058	178	1825	0.10	ng		99
26) Anthracene	17.145	178	1597	0.09	ng		99
28) Fluoranthene	19.082	202	2046	0.09	ng		98
30) Pyrene	19.444	202	2119	0.10	ng		99
32) Benzo(a)anthracene	21.198	228	1647	0.10	ng		95
33) Chrysene	21.242	228	1797	0.10	ng		96
34) Bis(2-ethylhexyl)phtha...	21.135	149	1141	0.11	ng		97
36) Indeno(1,2,3-cd)pyrene	25.626	276	1391	0.09	ng		97
37) Benzo(b)fluoranthene	22.755	252	1586	0.10	ng	#	66
38) Benzo(k)fluoranthene	22.798	252	1521	0.09	ng	#	65
39) Benzo(a)pyrene	23.319	252	1311	0.10	ng	#	59
40) Dibenzo(a,h)anthracene	25.643	278	1061	0.09	ng	#	67
41) Benzo(g,h,i)perylene	26.304	276	1304m	0.10	ng		

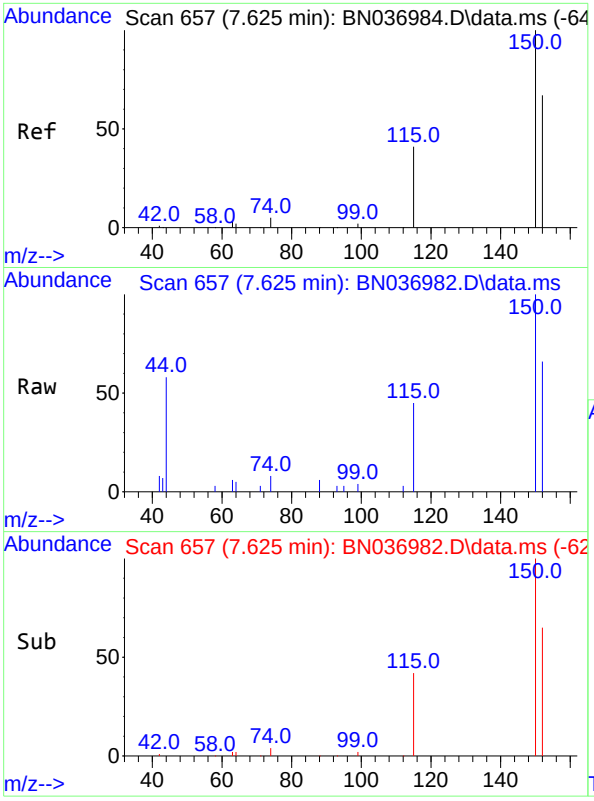
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036982.D
Acq On : 12 May 2025 13:43
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 12 17:51:32 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



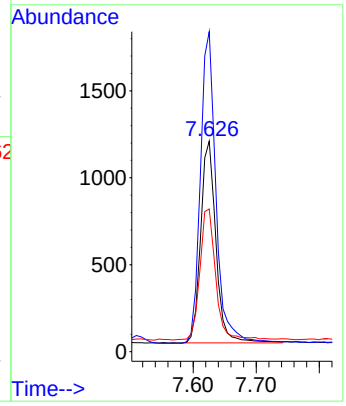


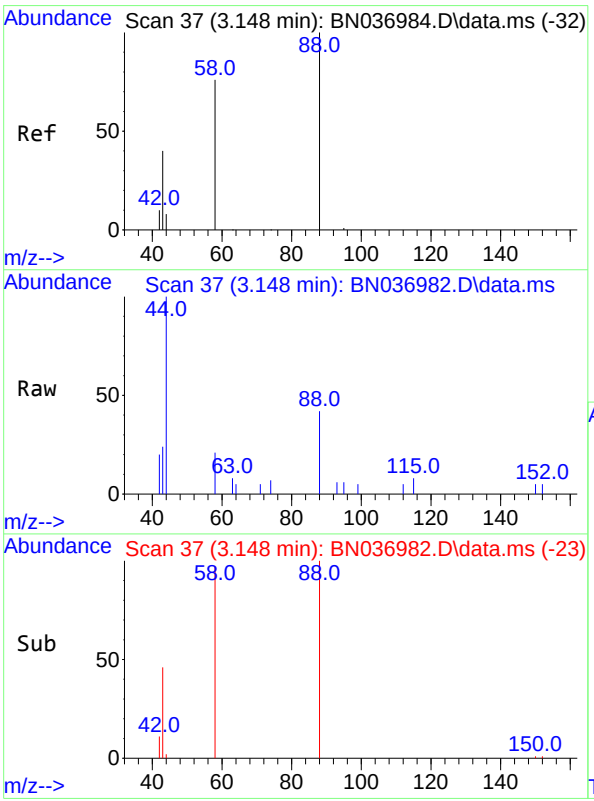
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.625 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1948

Ion	Ratio	Lower	Upper
152	100		
150	151.9	118.2	177.4
115	67.8	52.5	78.7

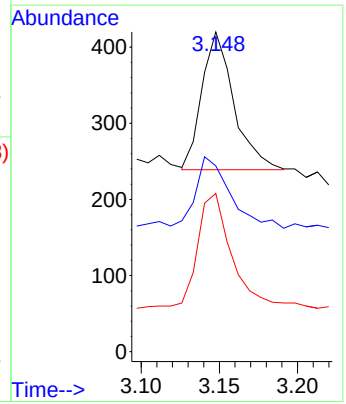


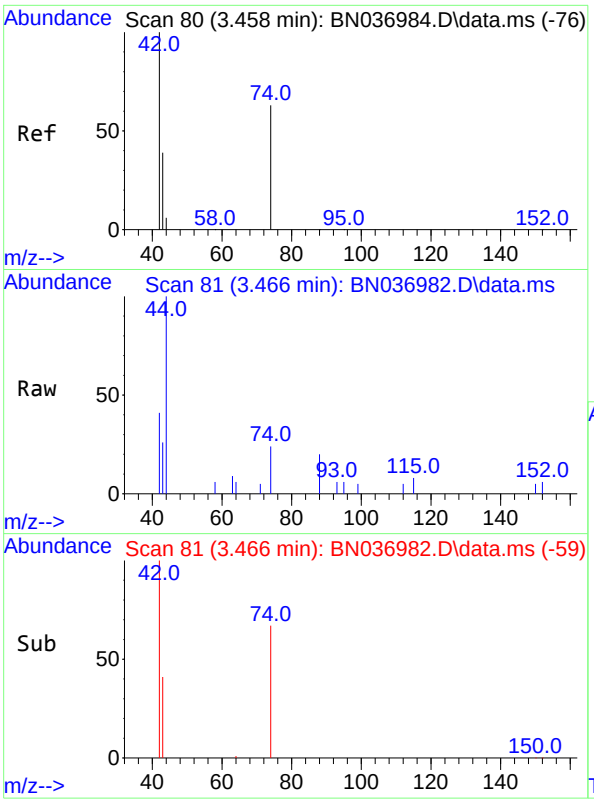


#2
1,4-Dioxane
Concen: 0.10 ng m
RT: 3.148 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion: 88 Resp: 257

Ion	Ratio	Lower	Upper
88	100		
43	58.8	43.3	64.9
58	91.8	70.7	106.1



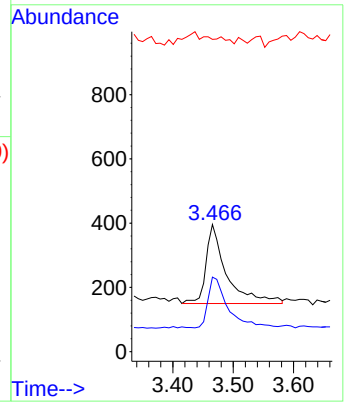


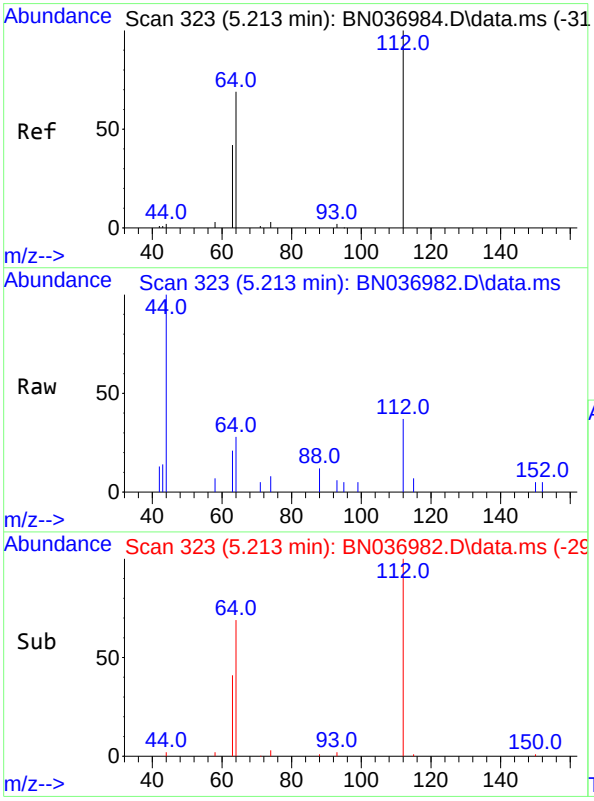
#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.466 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 579

Ion	Ratio	Lower	Upper
42	100		
74	62.3	55.2	82.8
44	0.0	4.7	7.1#

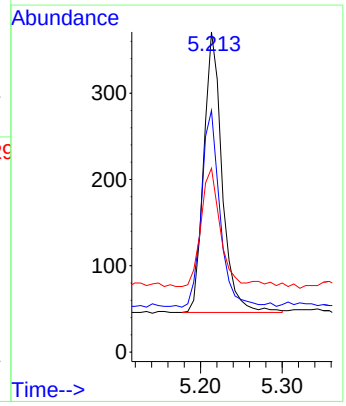


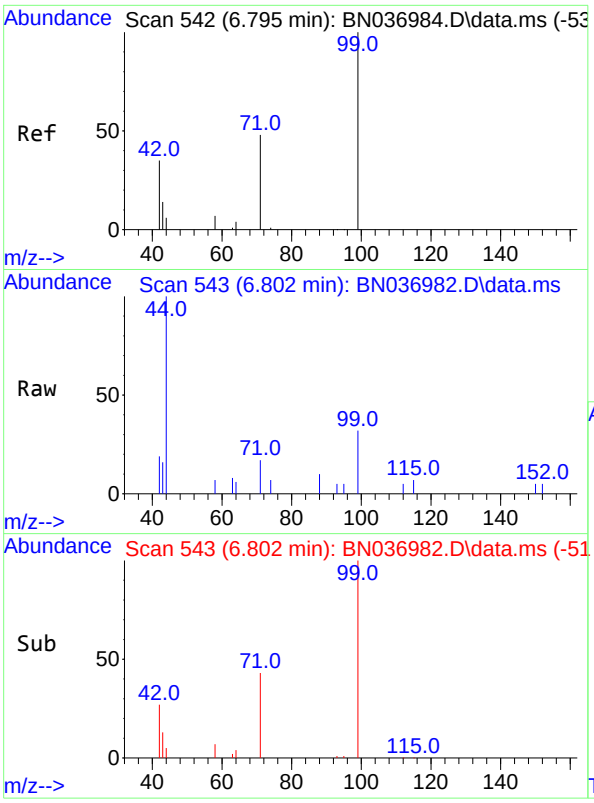


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:112 Resp: 509

Ion	Ratio	Lower	Upper
112	100		
64	69.4	56.2	84.2
63	43.4	34.3	51.5



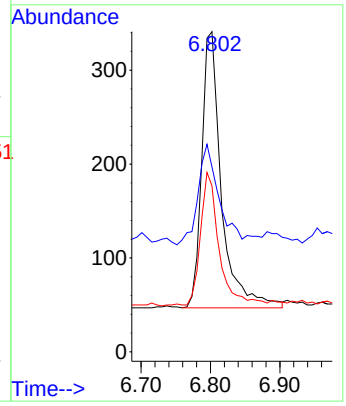


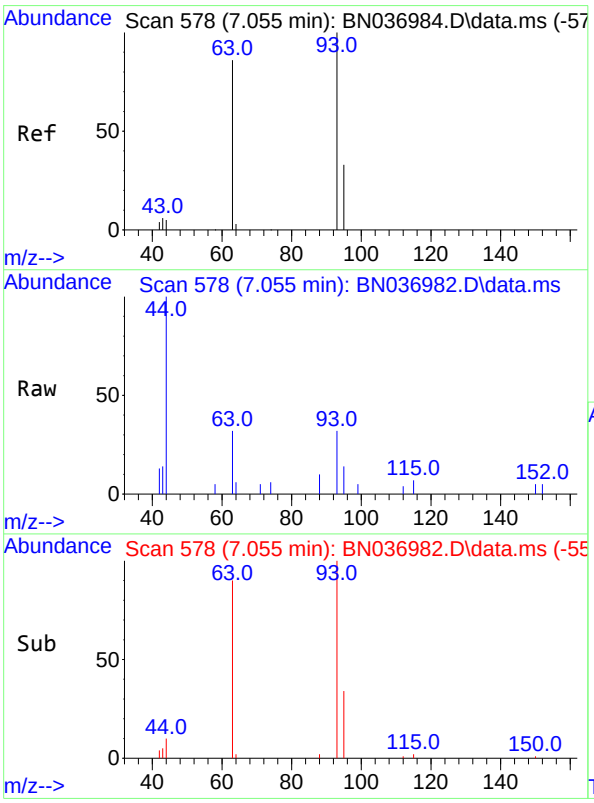
#5
Phenol-d6
Concen: 0.10 ng
RT: 6.802 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 580

Ion	Ratio	Lower	Upper
99	100		
42	39.8	29.0	43.6
71	46.2	36.2	54.2

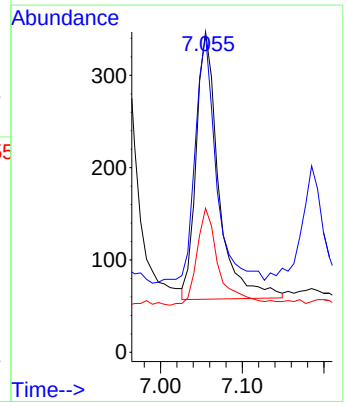


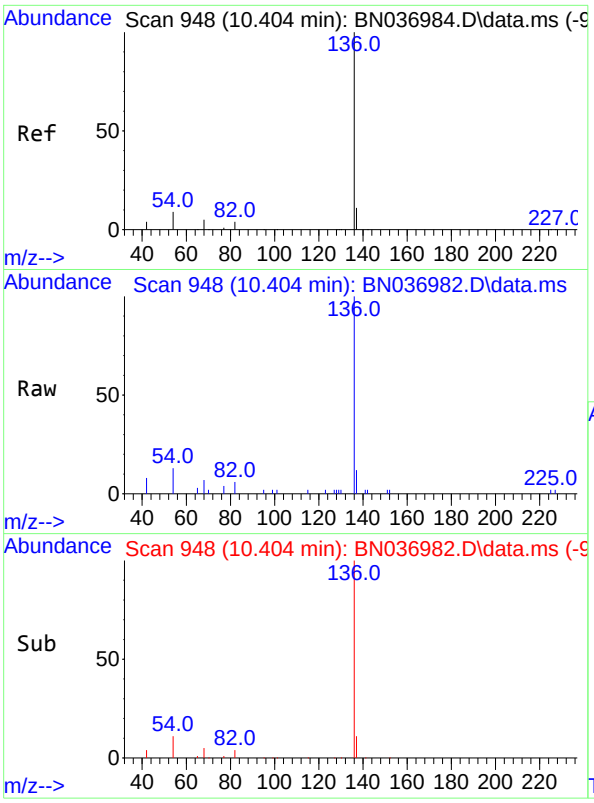


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.055 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion: 93 Resp: 553

Ion	Ratio	Lower	Upper
93	100		
63	87.7	69.6	104.4
95	36.5	25.1	37.7



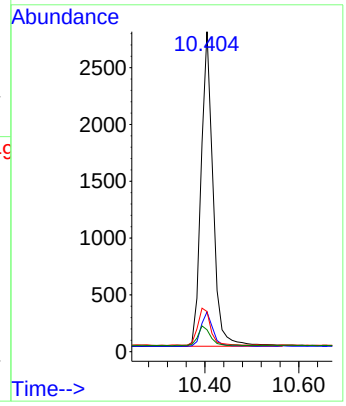


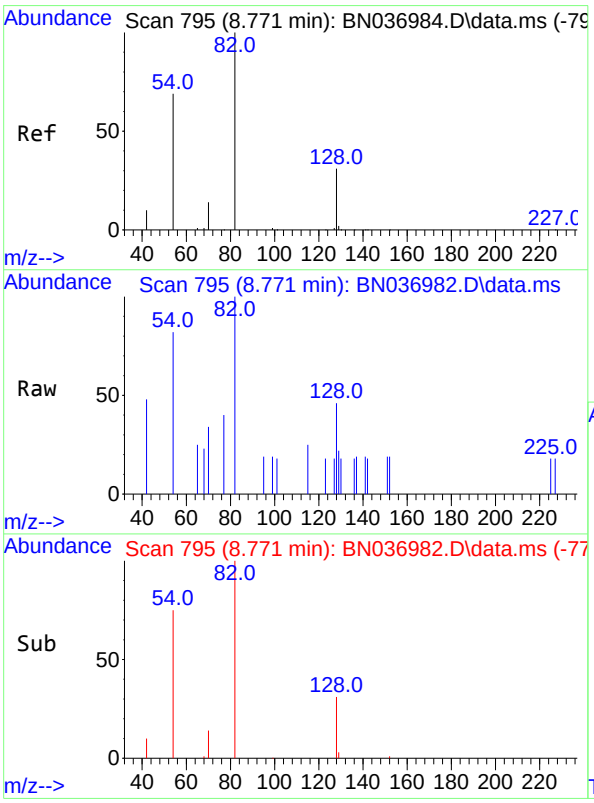
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.404 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 4898

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.3	15.5
54	12.5	9.2	13.8
68	6.9	5.6	8.4

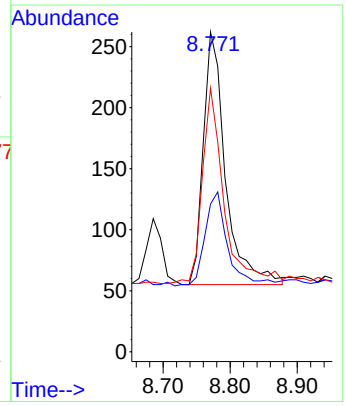


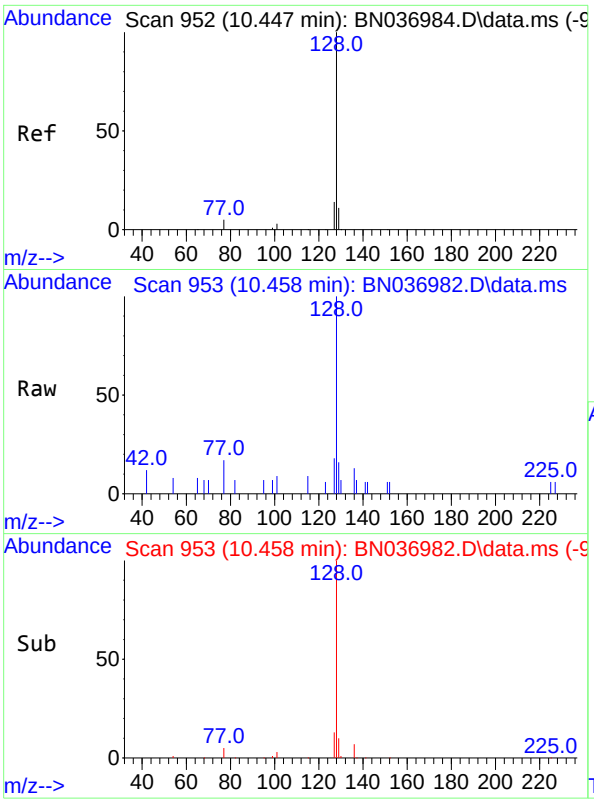


#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.771 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion: 82 Resp: 477

Ion	Ratio	Lower	Upper
82	100		
128	46.2	28.1	42.1#
54	82.4	56.4	84.6



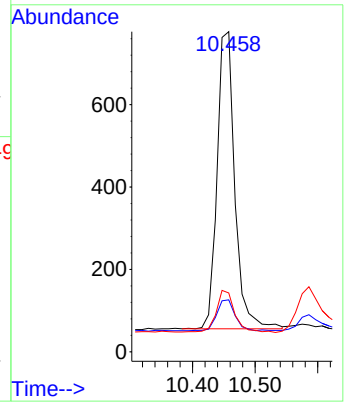


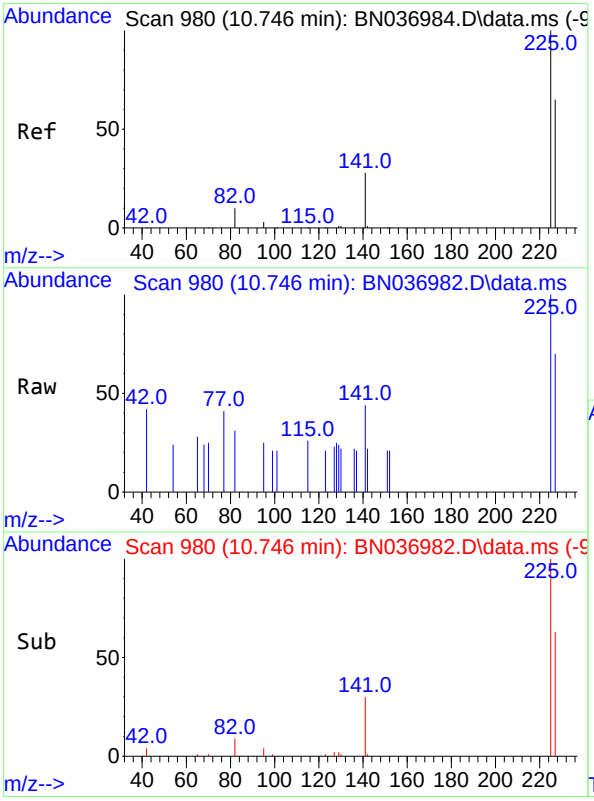
#9
Naphthalene
Concen: 0.10 ng
RT: 10.458 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1418

Ion	Ratio	Lower	Upper
128	100		
129	16.2	10.0	15.0#
127	18.4	12.1	18.1#

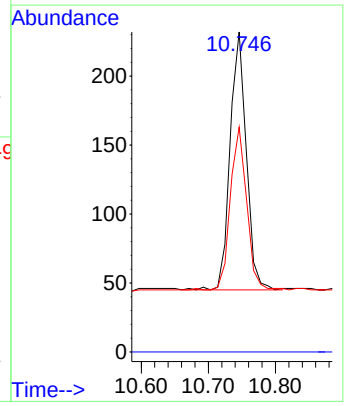


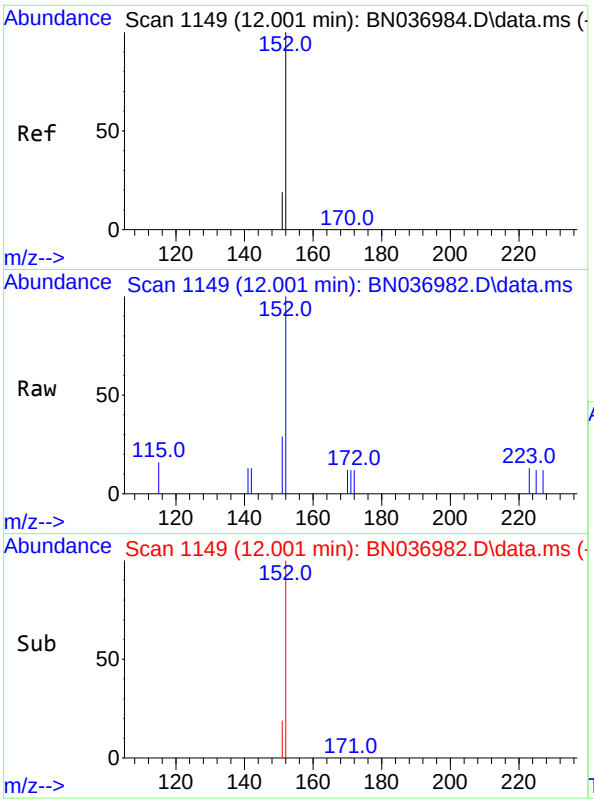


#10
Hexachlorobutadiene
Concen: 0.10 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:225 Resp: 314

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.2	76.8



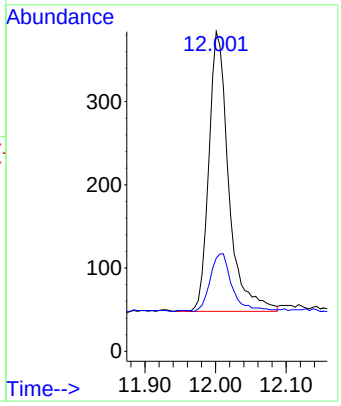


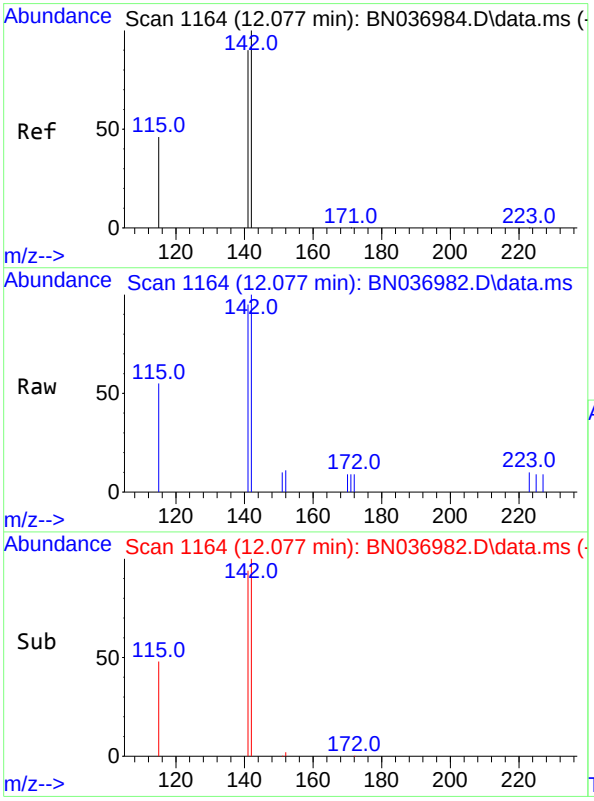
#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.001 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 655

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.4	26.2

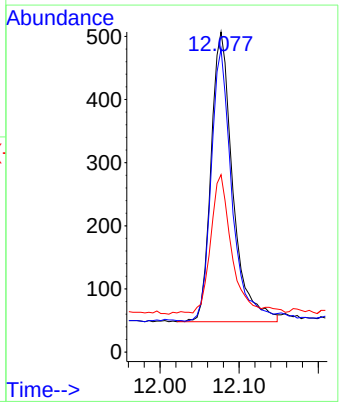


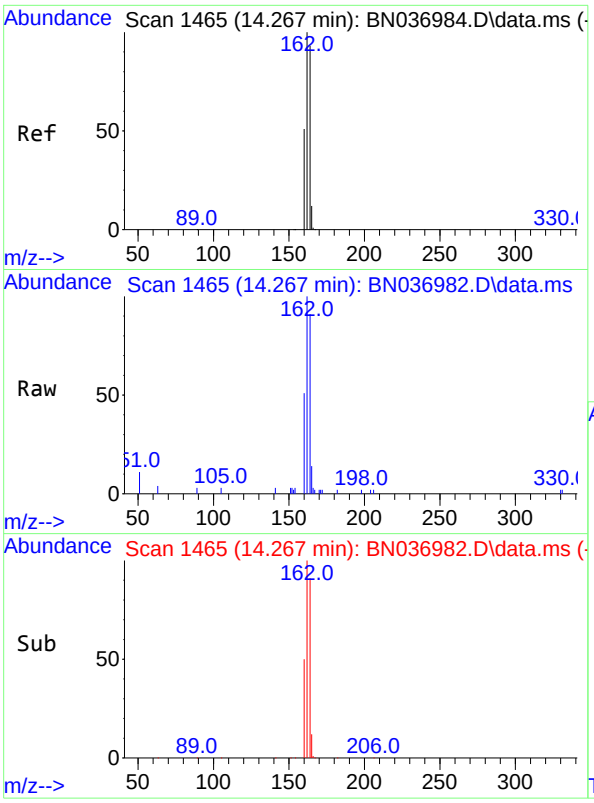


#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.077 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:142 Resp: 880

Ion	Ratio	Lower	Upper
142	100		
141	94.7	71.8	107.8
115	55.4	38.6	58.0



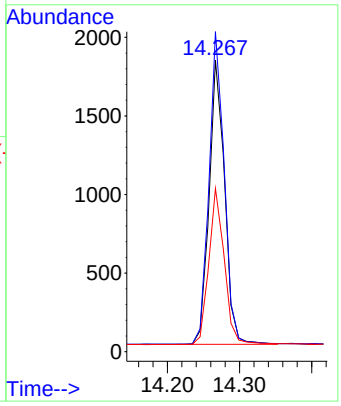


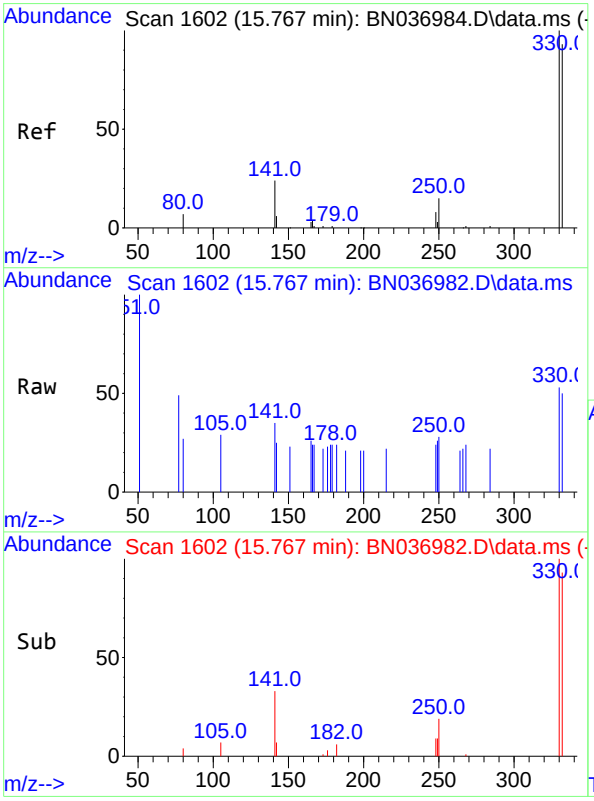
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.267 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 2693

Ion	Ratio	Lower	Upper
164	100		
162	109.7	86.1	129.1
160	55.9	44.6	67.0

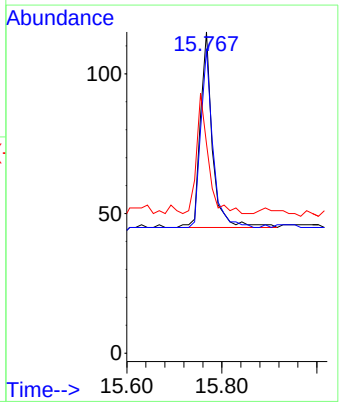


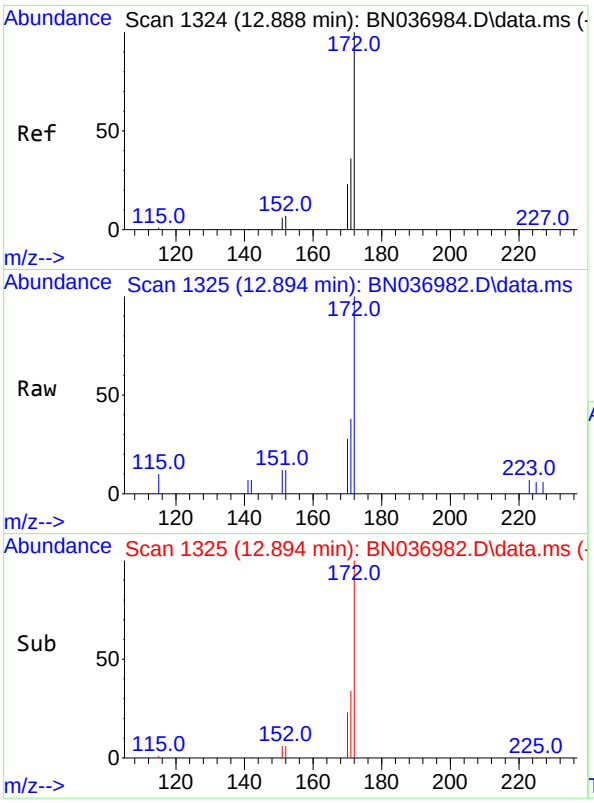


#14
2,4,6-Tribromophenol
Concen: 0.10 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:330 Resp: 124

Ion	Ratio	Lower	Upper
330	100		
332	91.1	75.6	113.4
141	58.9	47.4	71.2



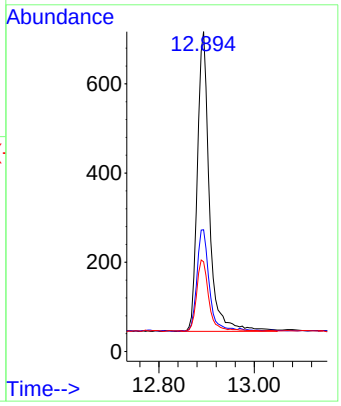


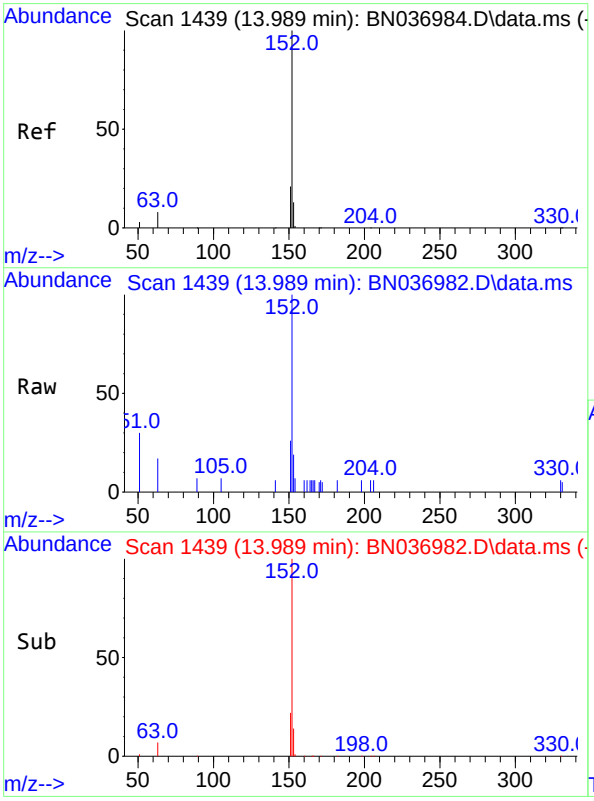
#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.894 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1299

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	28.0	19.4	29.0

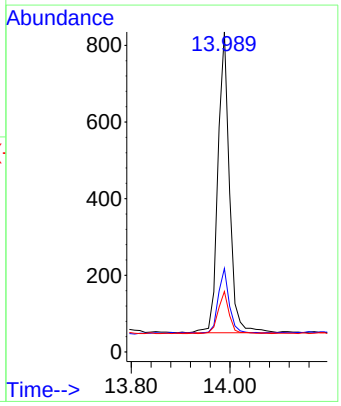


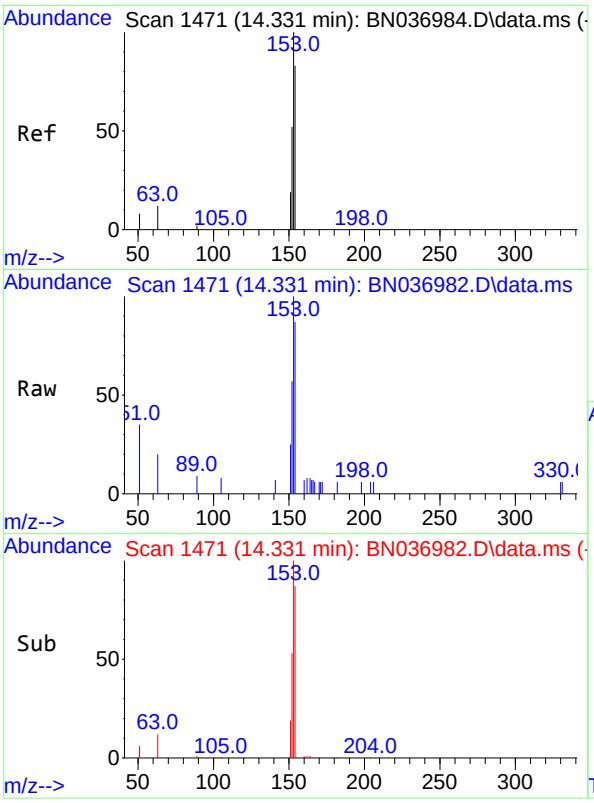


#16
Acenaphthylene
Concen: 0.10 ng
RT: 13.989 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:152 Resp: 1270

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4
153	13.5	10.9	16.3



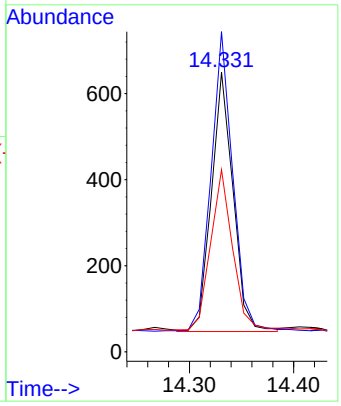


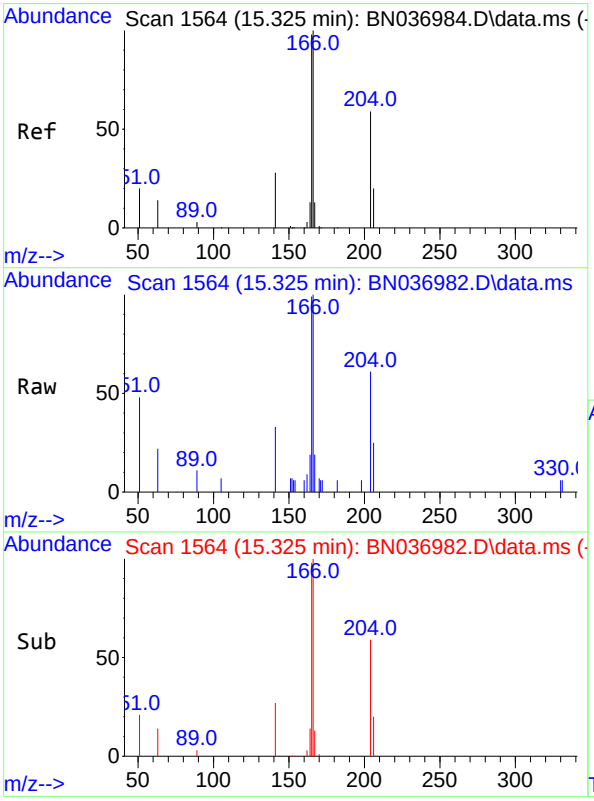
#17
Acenaphthene
Concen: 0.10 ng
RT: 14.331 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 872

Ion	Ratio	Lower	Upper
154	100		
153	115.9	94.6	142.0
152	64.2	49.4	74.2

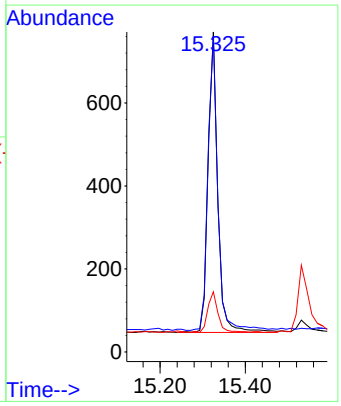


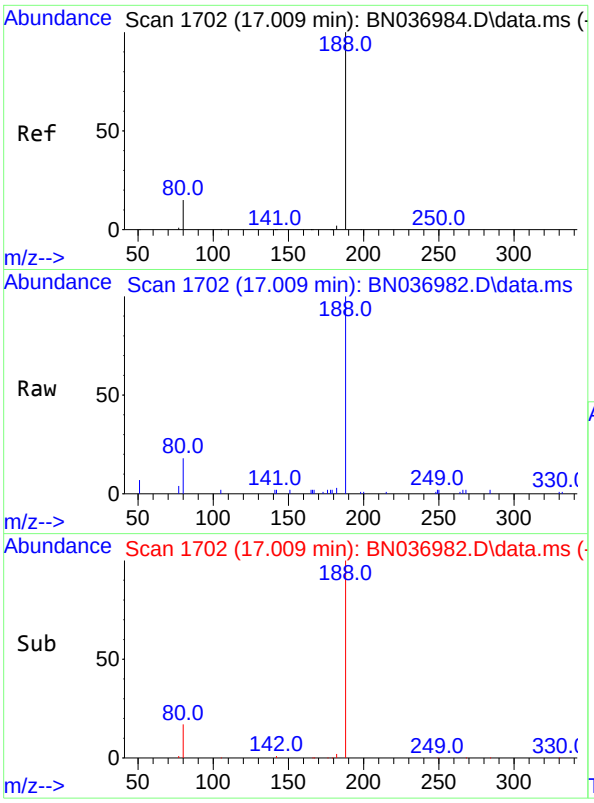


#18
Fluorene
Concen: 0.10 ng
RT: 15.325 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:166 Resp: 1140

Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.0	121.4
167	14.5	10.6	16.0



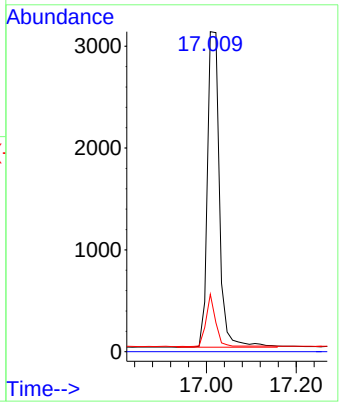


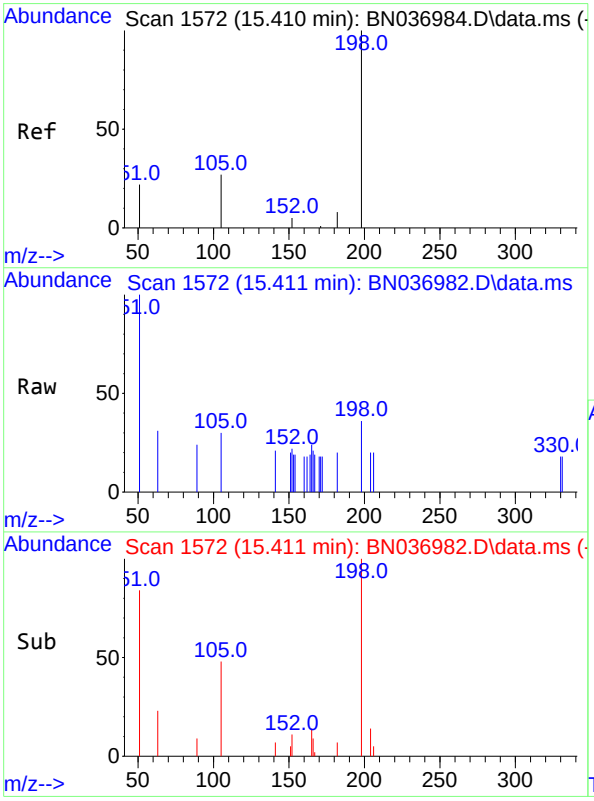
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 5741

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.0	13.4	20.0

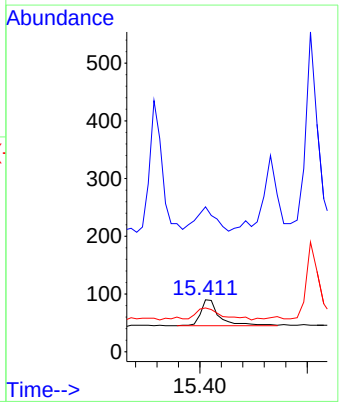


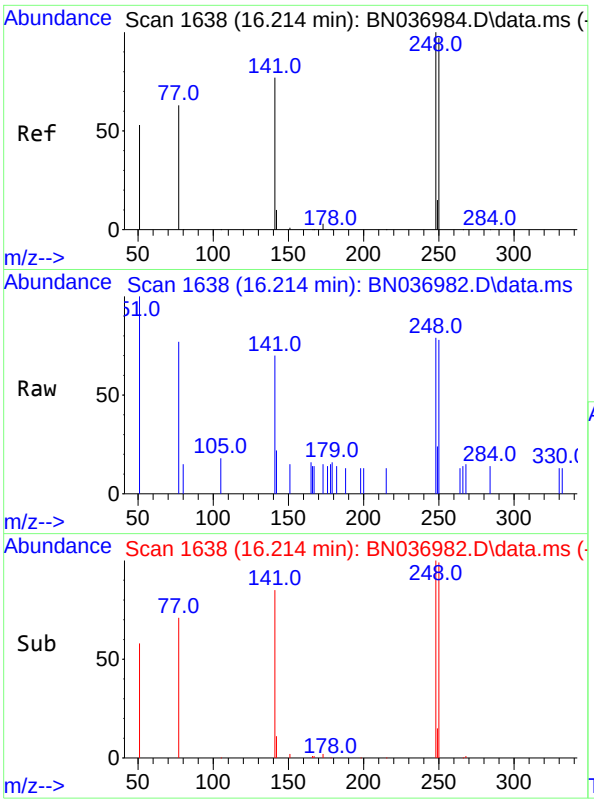


#20
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 15.411 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:198 Resp: 113

Ion	Ratio	Lower	Upper
198	100		
51	278.9	79.7	119.5#
105	84.4	36.0	54.0#



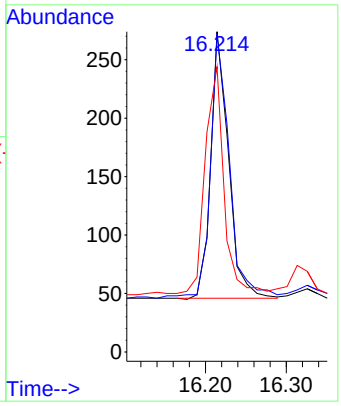


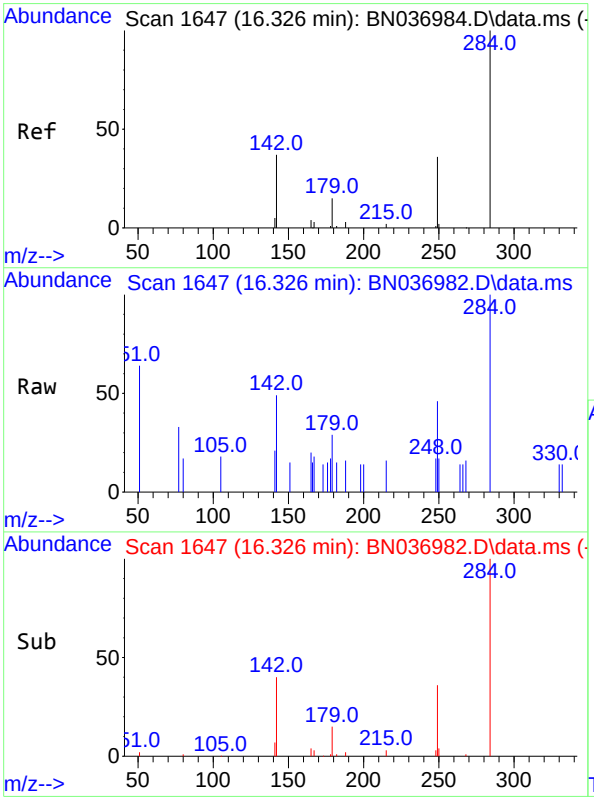
#21
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.214 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 349

Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.8	116.8
141	89.1	63.1	94.7

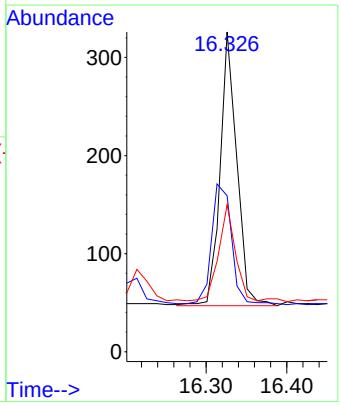


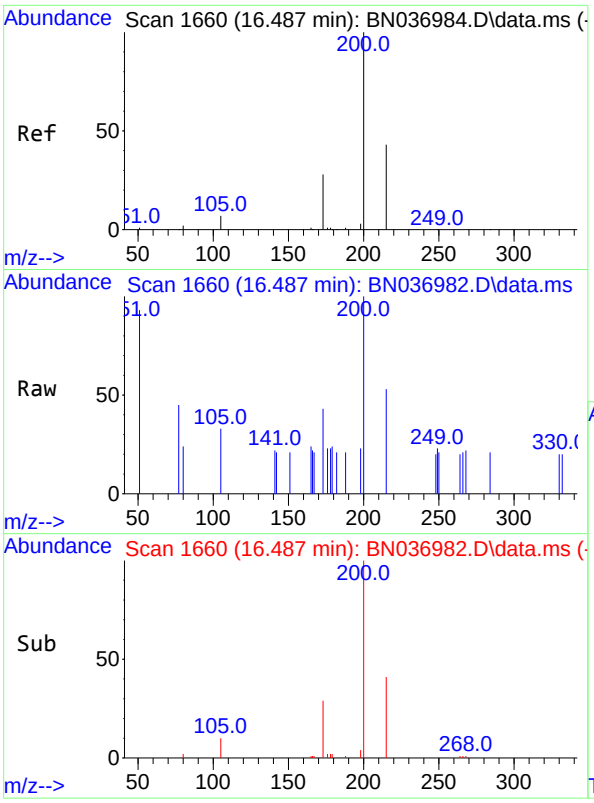


#22
Hexachlorobenzene
Concen: 0.10 ng
RT: 16.326 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:284 Resp: 401

Ion	Ratio	Lower	Upper
284	100		
142	52.9	41.4	62.2
249	37.2	29.1	43.7



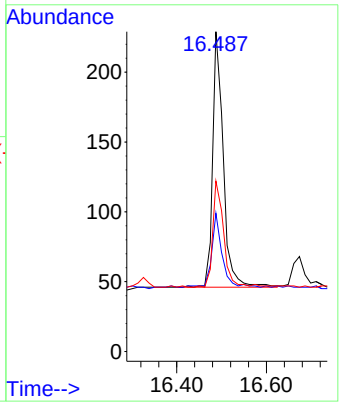


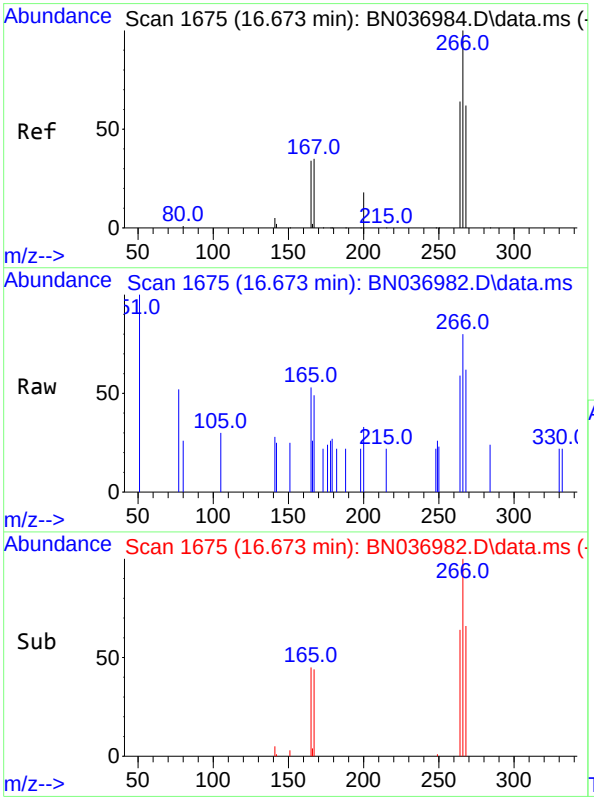
#23
Atrazine
Concen: 0.09 ng
RT: 16.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 301

Ion	Ratio	Lower	Upper
200	100		
173	43.2	25.8	38.6#
215	53.3	37.4	56.0

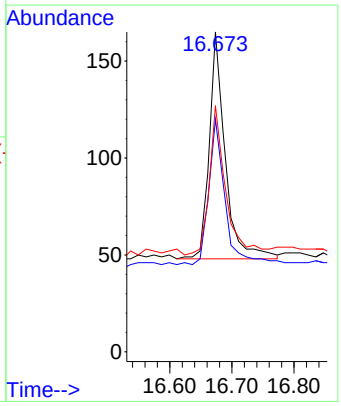


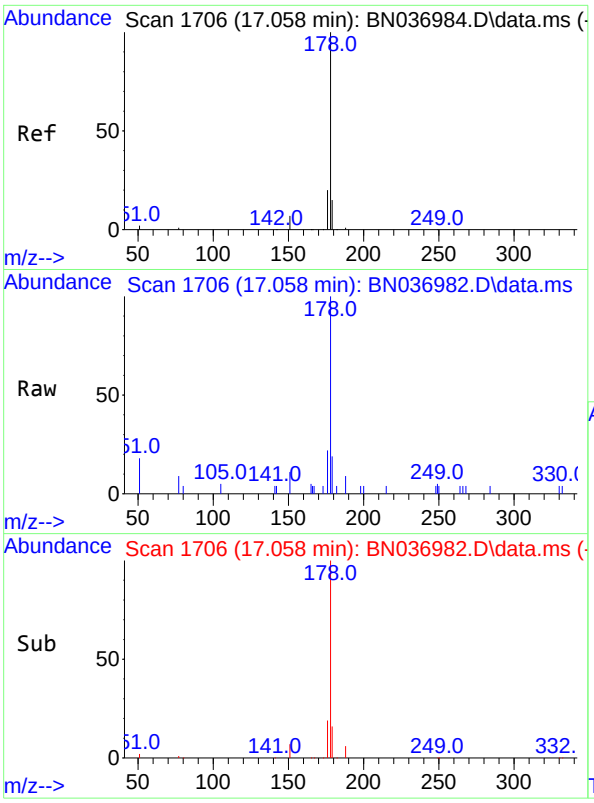


#24
Pentachlorophenol
Concen: 0.09 ng
RT: 16.673 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:266 Resp: 209

Ion	Ratio	Lower	Upper
266	100		
264	66.5	52.8	79.2
268	67.5	50.0	75.0



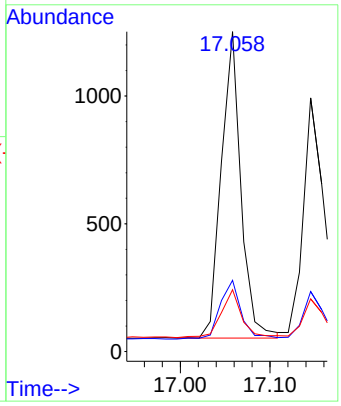


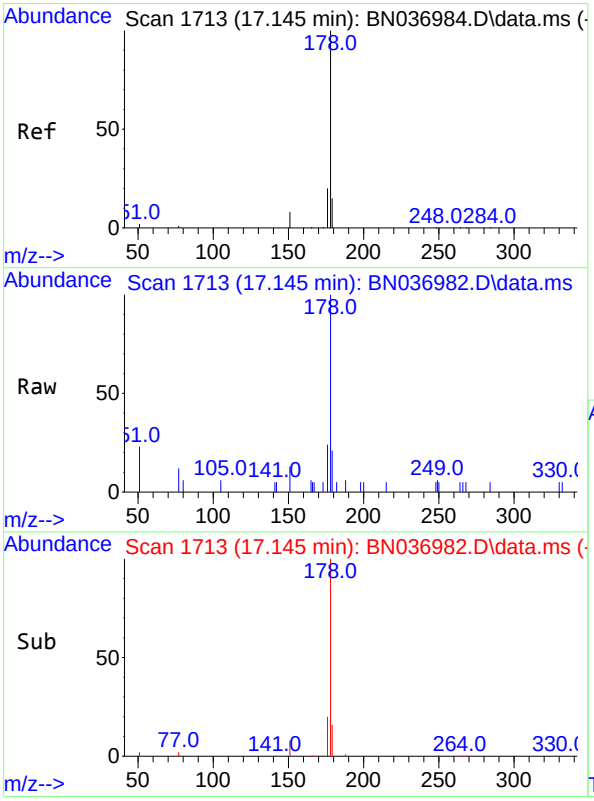
#25
Phenanthrene
Concen: 0.10 ng
RT: 17.058 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1825

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.0	24.0
179	15.9	12.3	18.5

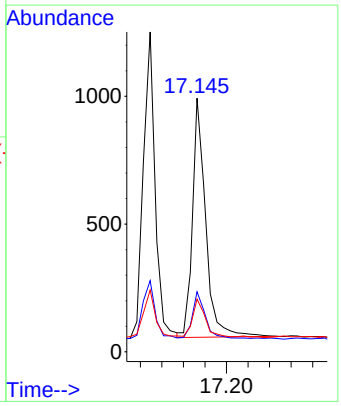


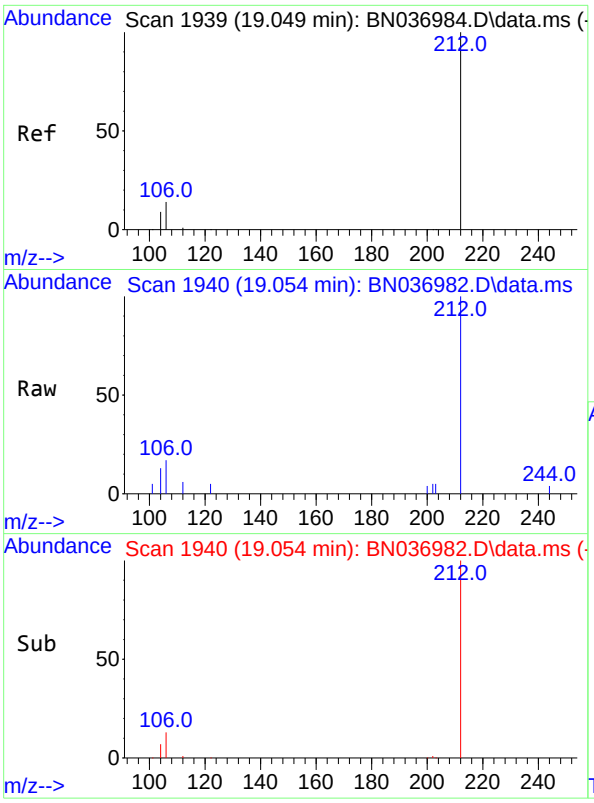


#26
Anthracene
Concen: 0.09 ng
RT: 17.145 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:178 Resp: 1597

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	14.8	12.2	18.2



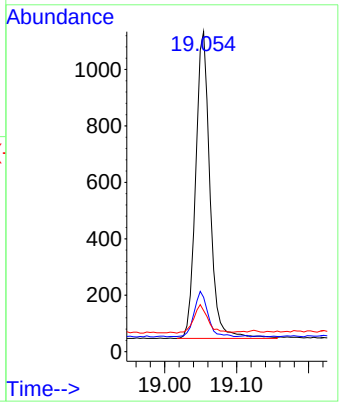


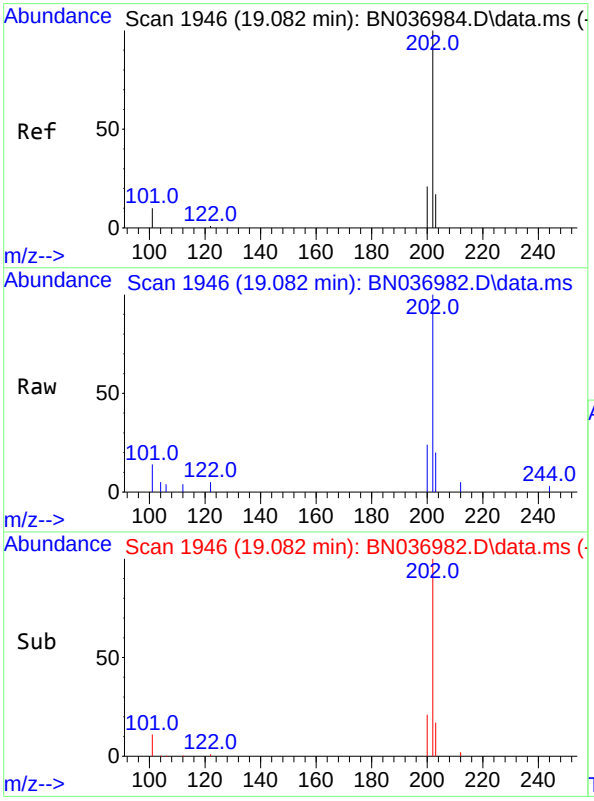
#27
Fluoranthene-d10
Concen: 0.10 ng
RT: 19.054 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 1497

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.3	16.9
104	9.3	7.0	10.4

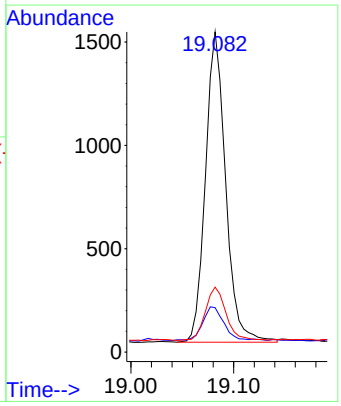


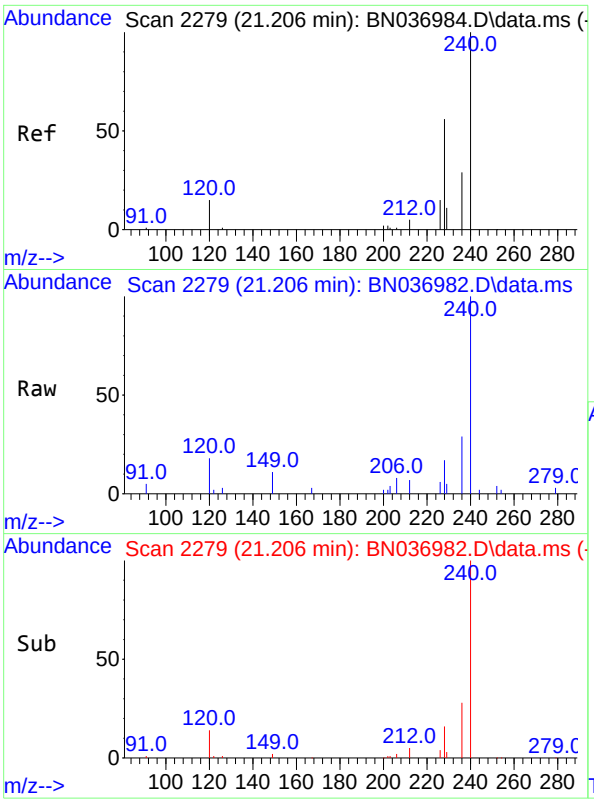


#28
Fluoranthene
Concen: 0.09 ng
RT: 19.082 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:202 Resp: 2046

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.6	12.8
203	17.6	13.5	20.3



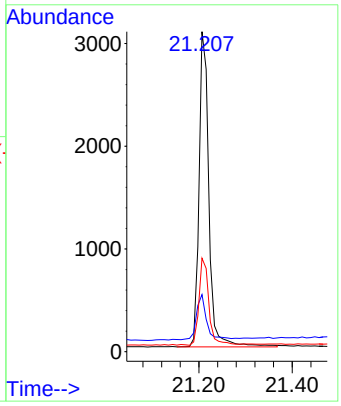


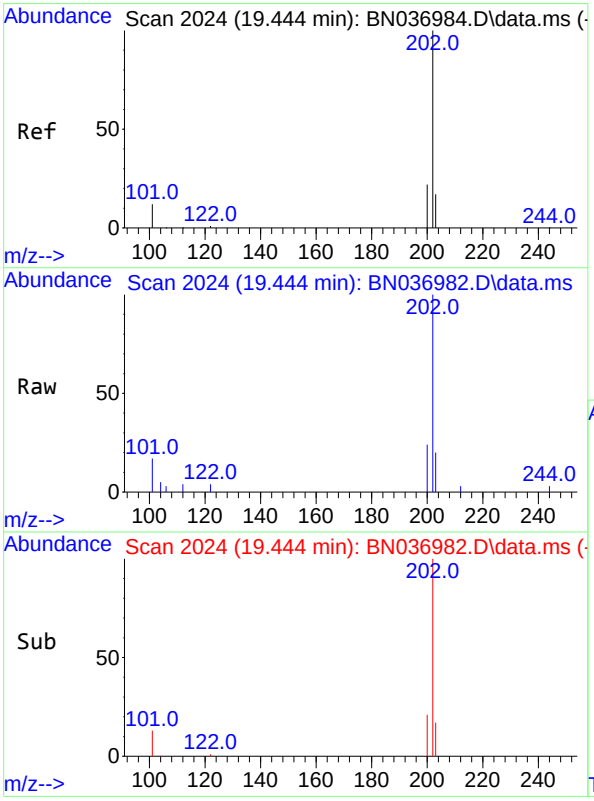
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.206 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 4513

Ion	Ratio	Lower	Upper
240	100		
120	17.8	14.5	21.7
236	29.2	24.3	36.5

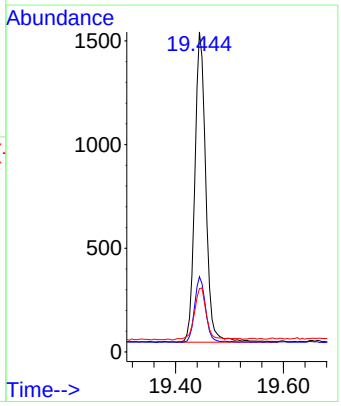


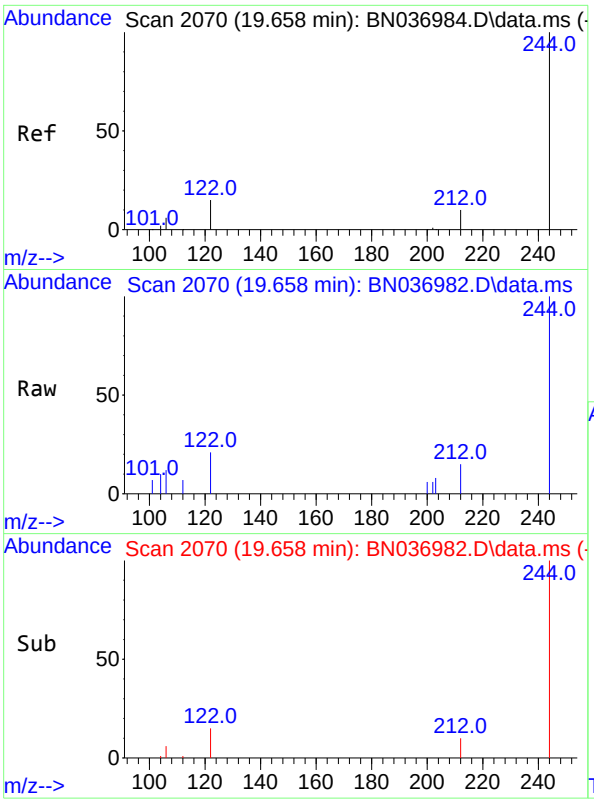


#30
Pyrene
Concen: 0.10 ng
RT: 19.444 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:202 Resp: 2119

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	18.5	14.4	21.6



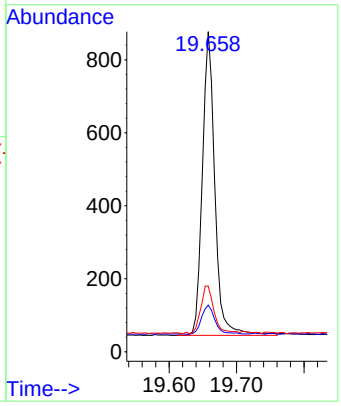


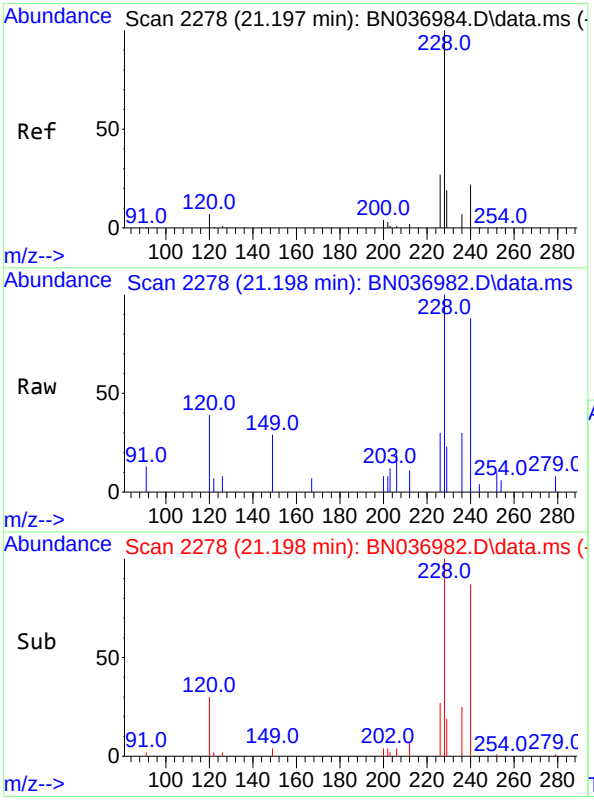
#31
Terphenyl-d14
Concen: 0.10 ng
RT: 19.658 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1070

Ion	Ratio	Lower	Upper
244	100		
212	14.6	9.5	14.3#
122	20.5	13.4	20.0#

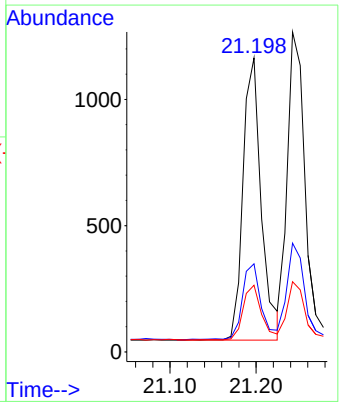


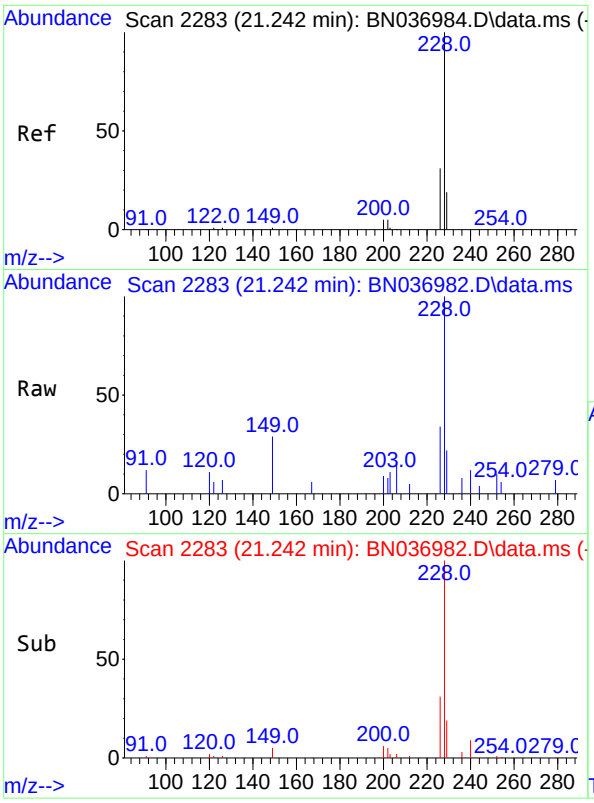


#32
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.198 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:228 Resp: 1647

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.4	33.6
229	22.7	16.0	24.0



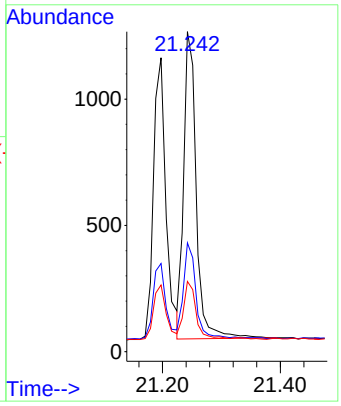


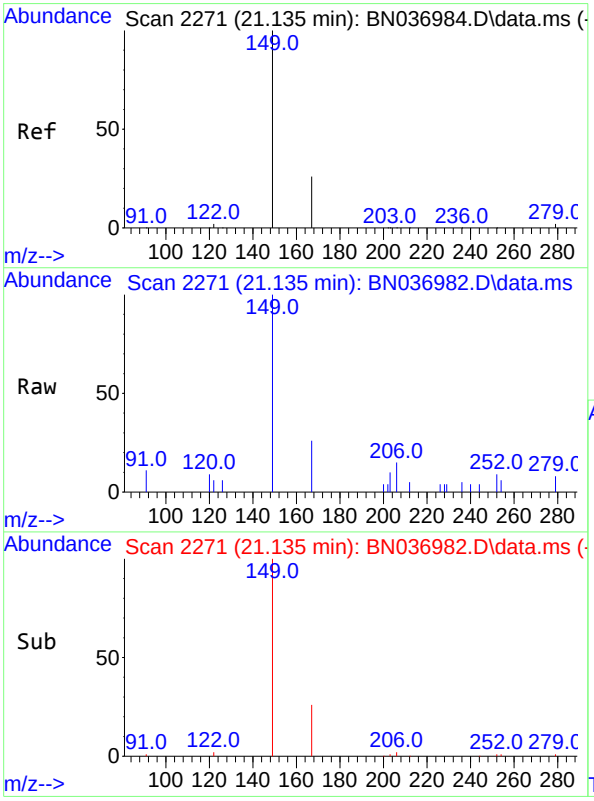
#33
Chrysene
Concen: 0.10 ng
RT: 21.242 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 1797

Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.7	38.5
229	21.9	16.0	24.0

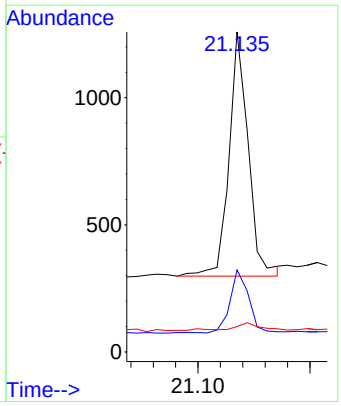


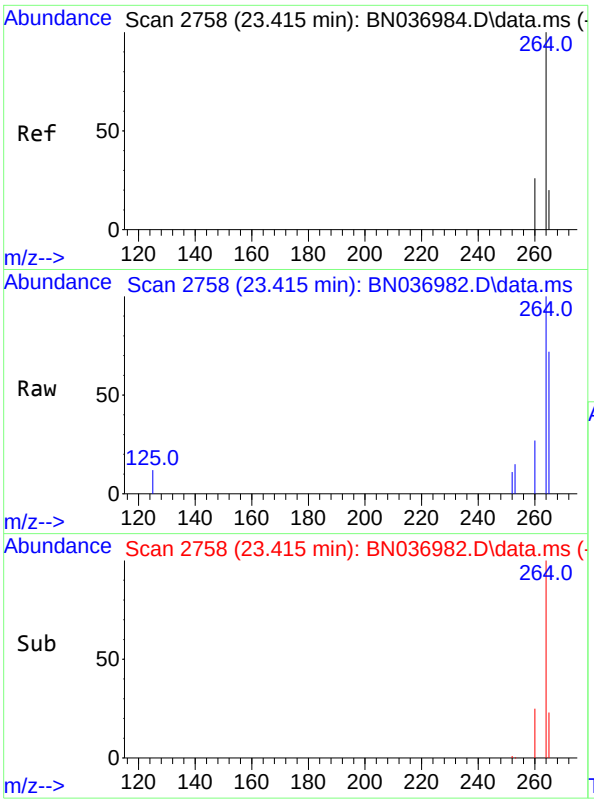


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.135 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:149 Resp: 1141

Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.0	31.6
279	3.5	2.7	4.1



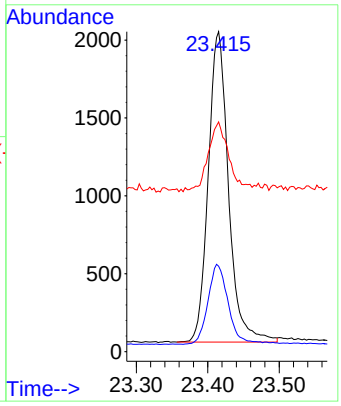


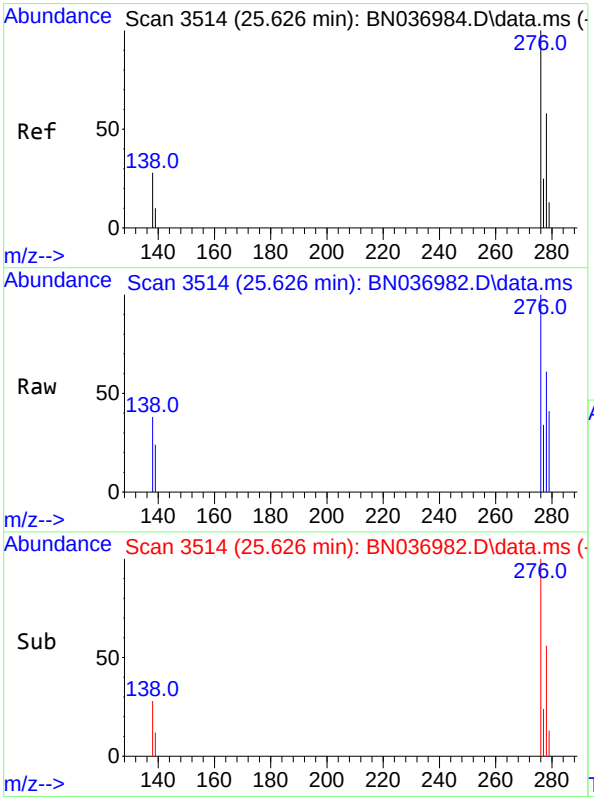
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.415 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 3919

Ion	Ratio	Lower	Upper
264	100		
260	26.7	22.3	33.5
265	71.8	55.4	83.0

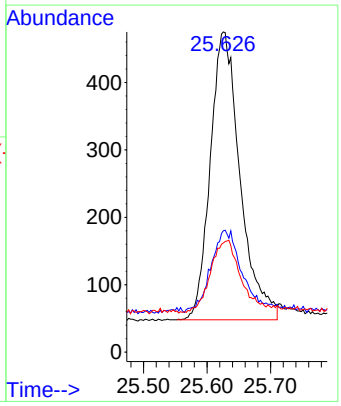


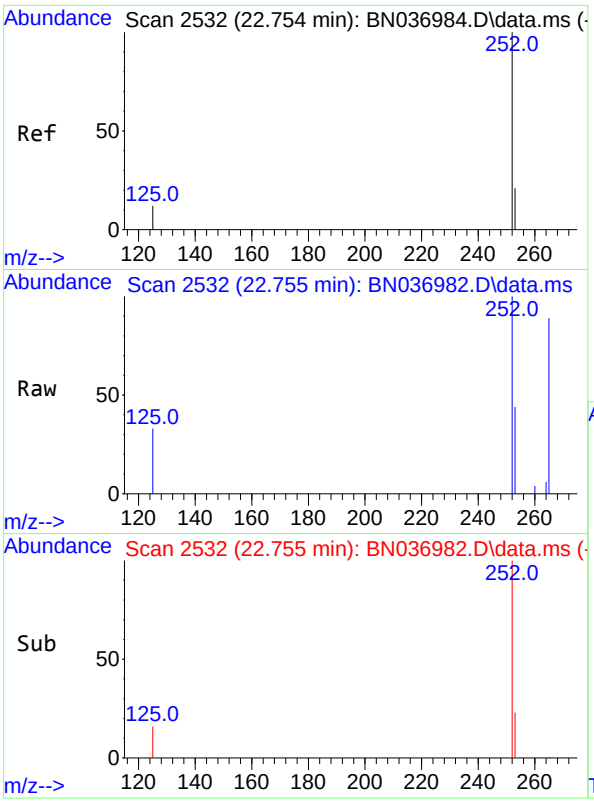


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 25.626 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:276 Resp: 1391

Ion	Ratio	Lower	Upper
276	100		
138	30.5	21.8	32.8
277	25.1	20.2	30.4



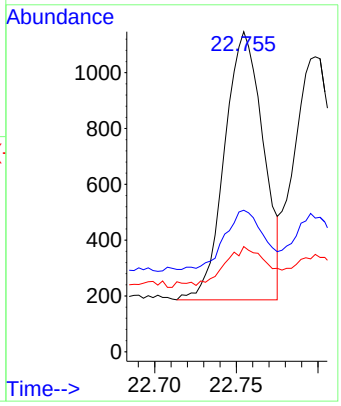


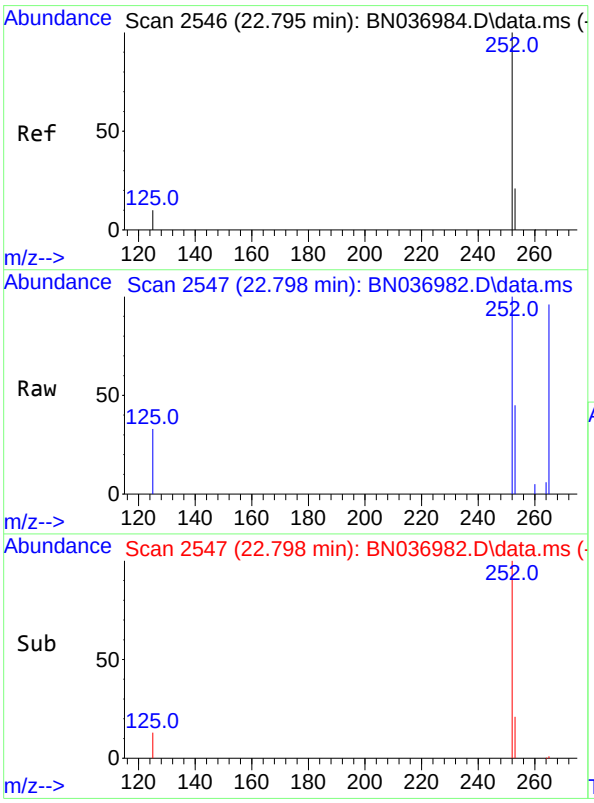
#37
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.755 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1586

Ion	Ratio	Lower	Upper
252	100		
253	44.2	21.9	32.9#
125	32.9	13.8	20.8#

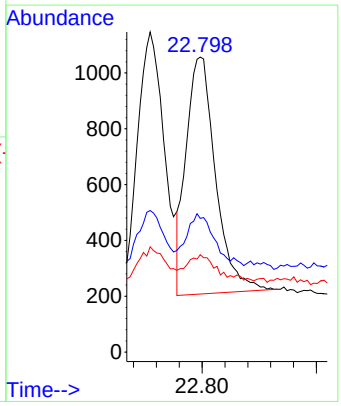


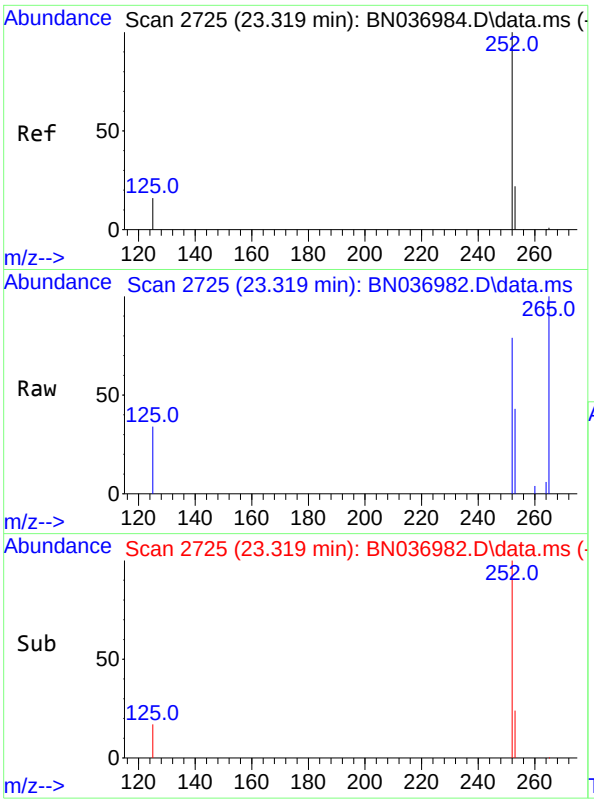


#38
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.798 min Scan# 2547
Delta R.T. 0.003 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:252 Resp: 1521

Ion	Ratio	Lower	Upper
252	100		
253	45.3	22.0	33.0#
125	33.0	13.4	20.2#



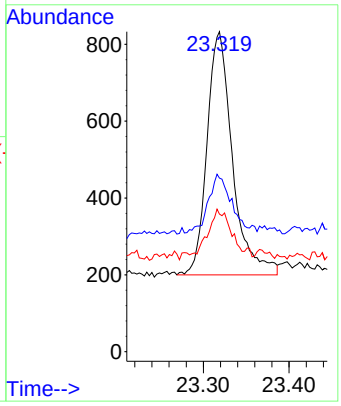


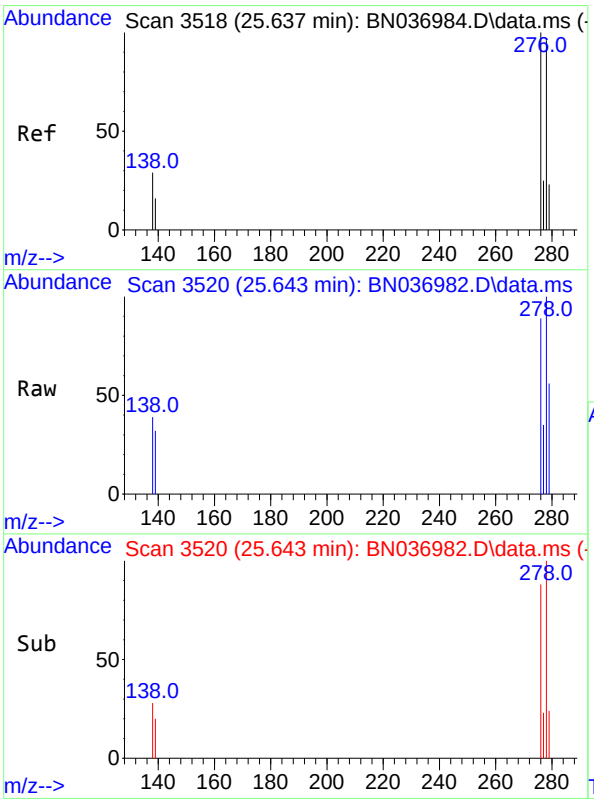
#39
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.319 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1311

Ion	Ratio	Lower	Upper
252	100		
253	54.3	24.8	37.2#
125	43.0	18.6	28.0#

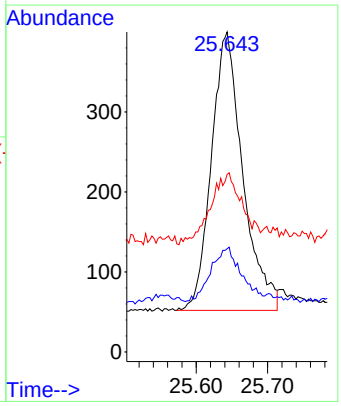


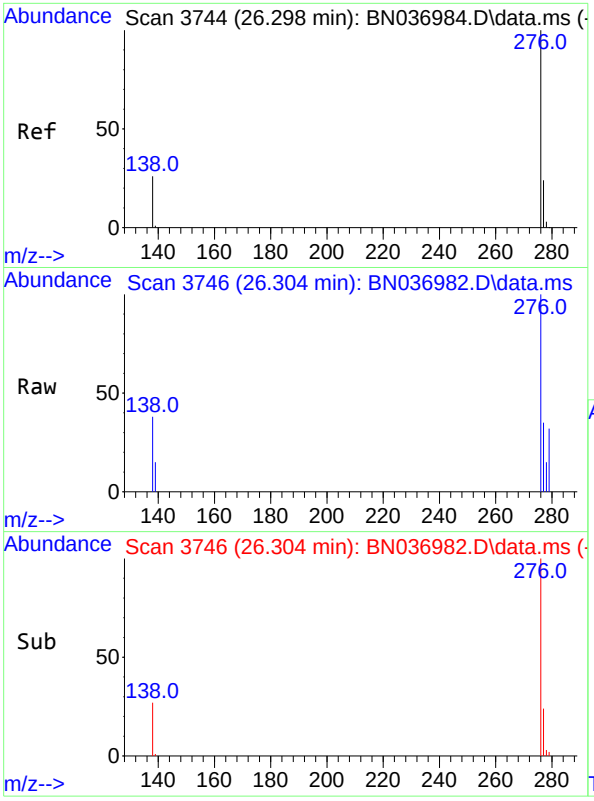


#40
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 25.643 min Scan# 3520
Delta R.T. 0.006 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Tgt Ion:278 Resp: 1061

Ion	Ratio	Lower	Upper
278	100		
139	32.2	18.1	27.1#
279	55.5	25.3	37.9#





#41
Benzo(g,h,i)perylene
Concen: 0.10 ng m
RT: 26.304 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN036982.D
Acq: 12 May 2025 13:43

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1304

Ion	Ratio	Lower	Upper
276	100		
277	35.3	21.2	31.8#
138	37.5	22.6	33.8#