Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
Data File : BN036511.D
Acq On : 26 Feb 2025 15:31
Operator : RC/JU
Sample : Q1423-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Quant Time: Feb 26 15:55:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2561	0.400	ng	-0.01
7) Naphthalene-d8	10.530	136	5724	0.400	ng	-0.01
13) Acenaphthene-d10	14.377	164	3696	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	7691	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	5768	0.400	ng	0.00
35) Perylene-d12	23.578	264	5083	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	957	0.158	ng	-0.01
5) Phenol-d6	6.923	99	596	0.084	ng	-0.01
8) Nitrobenzene-d5	8.897	82	2065	0.366	ng	-0.01
11) 2-Methylnaphthalene-d10	12.121	152	3255	0.370	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	623	0.340	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	6877	0.495	ng	-0.02
27) Fluoranthene-d10	19.155	212	9001	0.421	ng	-0.01
31) Terphenyl-d14	19.754	244	7770	0.631	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	149	0.053	ng	# 27
3) n-Nitrosodimethylamine	3.557	42	504	0.104	ng	# 5
9) Naphthalene	10.584	128	434	0.026	ng	# 55
12) 2-Methylnaphthalene	12.197	142	240	0.022	ng	# 82
16) Acenaphthylene	14.099	152	415	0.025	ng	# 91
17) Acenaphthene	14.441	154	256	0.023	ng	98
18) Fluorene	15.435	166	446	0.029	ng	# 96
25) Phenanthrene	17.161	178	886	0.040	ng	95
26) Anthracene	17.260	178	719	0.037	ng	97
28) Fluoranthene	19.187	202	1310	0.048	ng	# 64
30) Pyrene	19.550	202	1284	0.058	ng	99
32) Benzo(a)anthracene	21.295	228	913	0.048	ng	# 89
33) Chrysene	21.348	228	1129	0.055	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.232	149	962	0.081	ng	# 94
37) Benzo(b)fluoranthene	22.899	252	902	0.054	ng	# 29
38) Benzo(k)fluoranthene	22.943	252	779	0.045	ng	# 19
39) Benzo(a)pyrene	23.481	252	818	0.056	ng	# 6
41) Benzo(g,h,i)perylene	26.583	276	699	0.044	ng	# 56

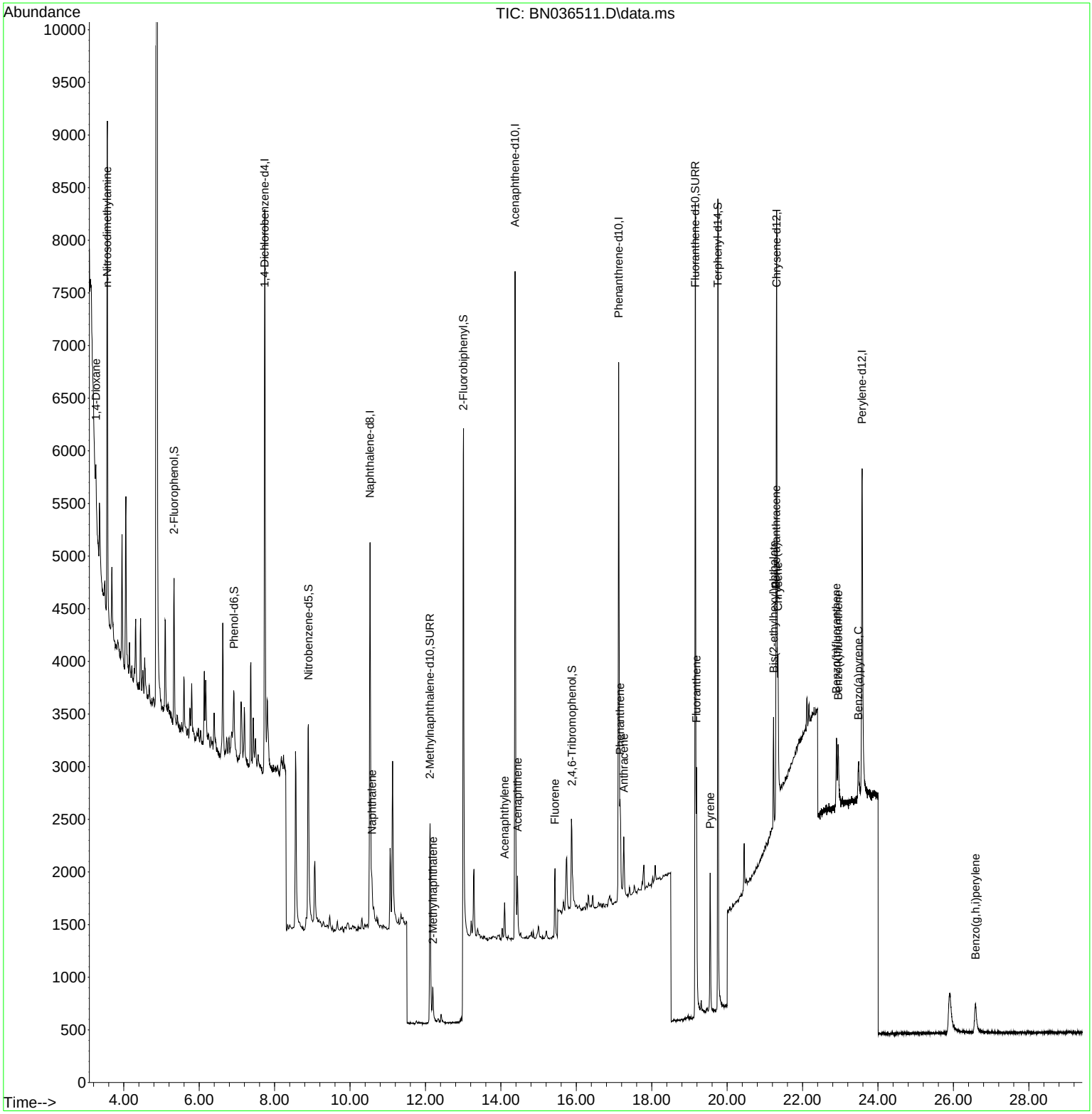
(#) = qualifier out of range (m) = manual integration (+) = signals summed

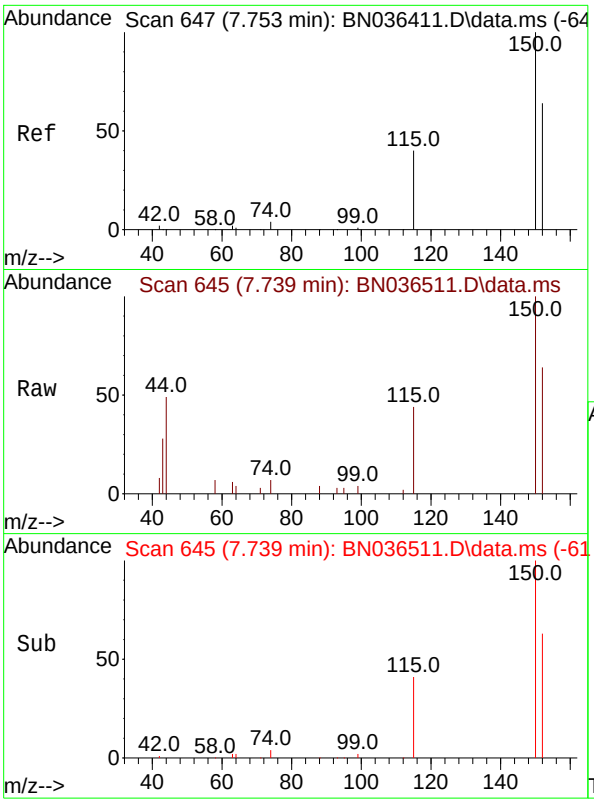
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
Data File : BN036511.D
Acq On : 26 Feb 2025 15:31
Operator : RC/JU
Sample : Q1423-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Quant Time: Feb 26 15:55:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



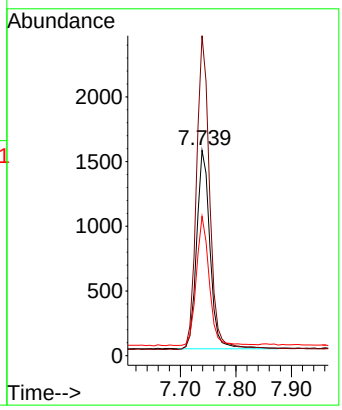


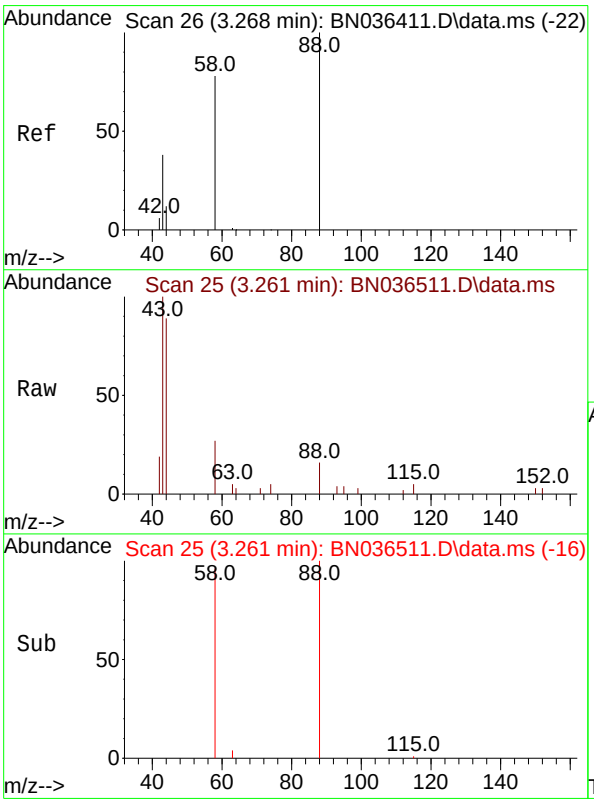
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:152 Resp: 2561

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.7	185.5
115	67.9	52.5	78.7

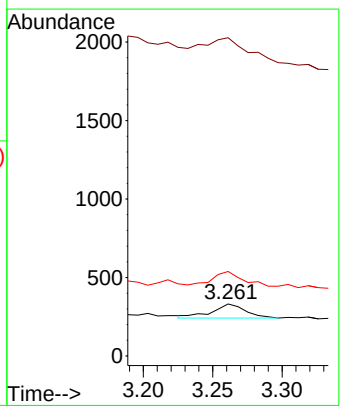


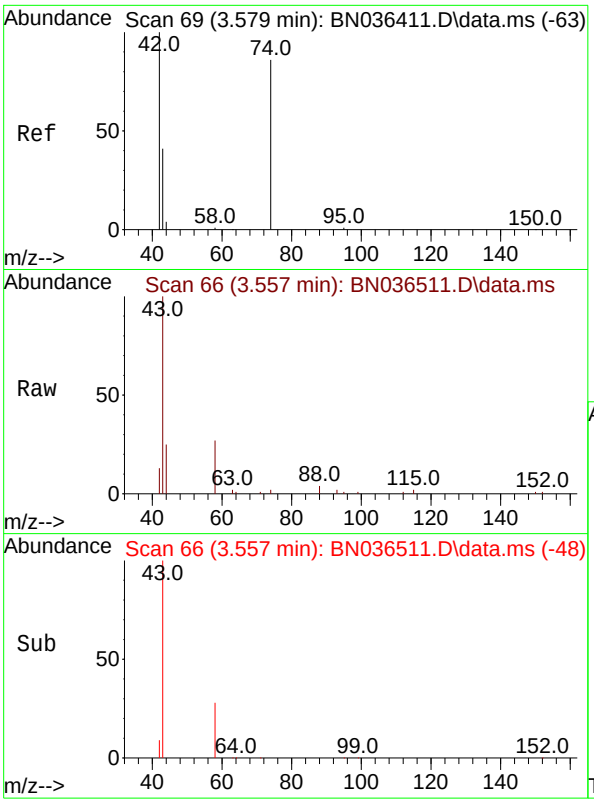


#2
1,4-Dioxane
Concen: 0.053 ng
RT: 3.261 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion: 88 Resp: 149

Ion	Ratio	Lower	Upper
88	100		
43	173.8	33.7	50.5#
58	91.9	68.9	103.3



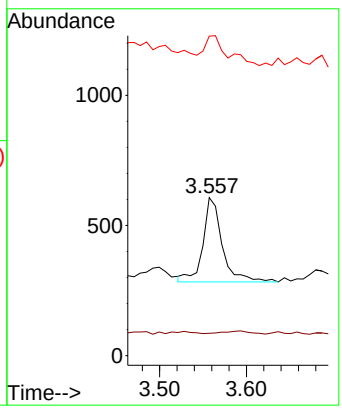


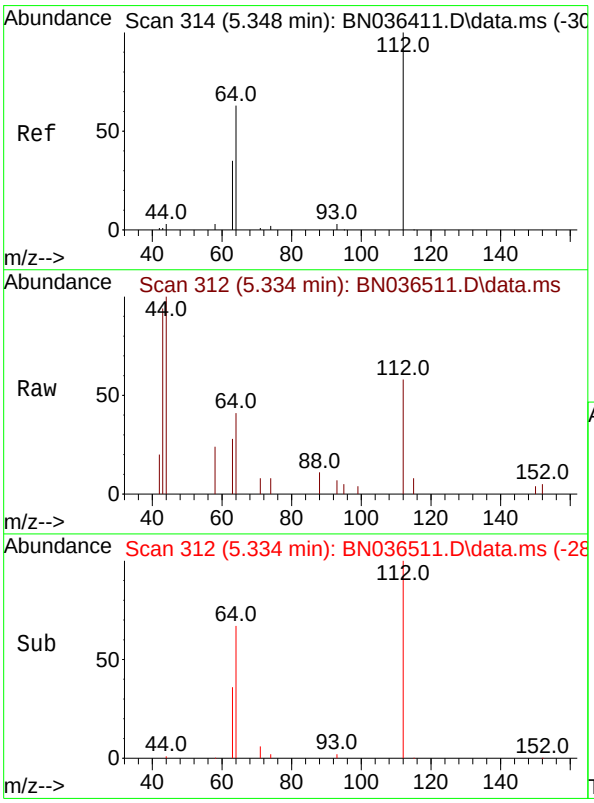
#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.557 min Scan# 6
Delta R.T. -0.022 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion: 42 Resp: 504

Ion	Ratio	Lower	Upper
42	100		
74	0.0	71.8	107.6#
44	41.7	7.8	11.6#

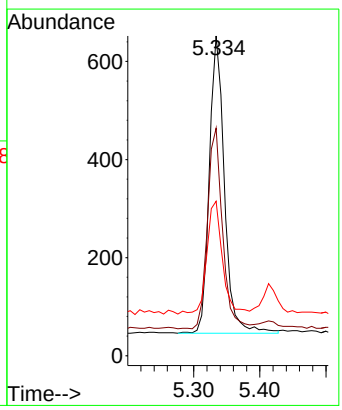


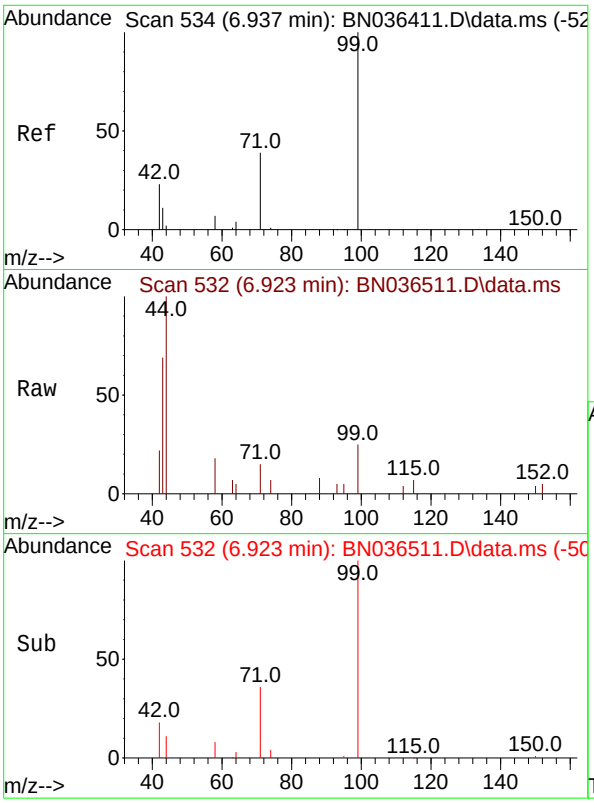


#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.014 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:112 Resp: 957

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.4	80.0
63	39.4	30.3	45.5



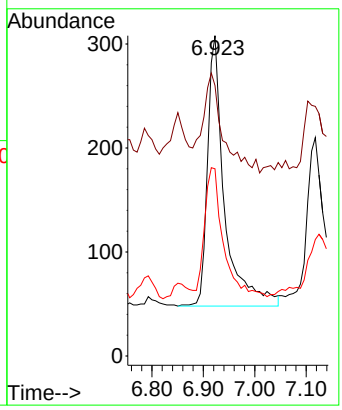


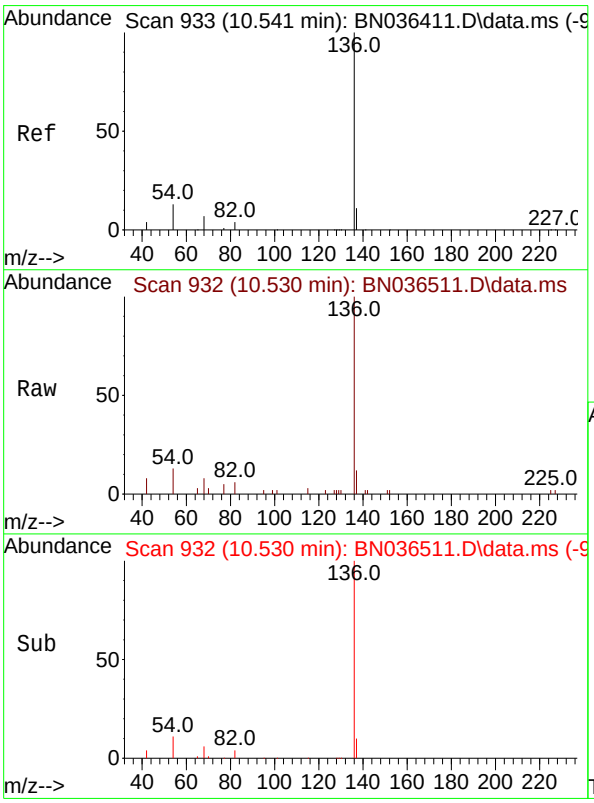
#5
Phenol-d6
Concen: 0.084 ng
RT: 6.923 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion: 99 Resp: 596

Ion	Ratio	Lower	Upper
99	100		
42	43.8	21.7	32.5#
71	52.9	32.6	49.0#

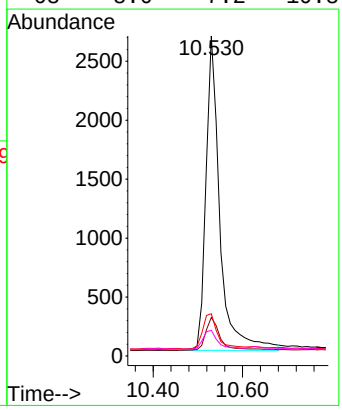


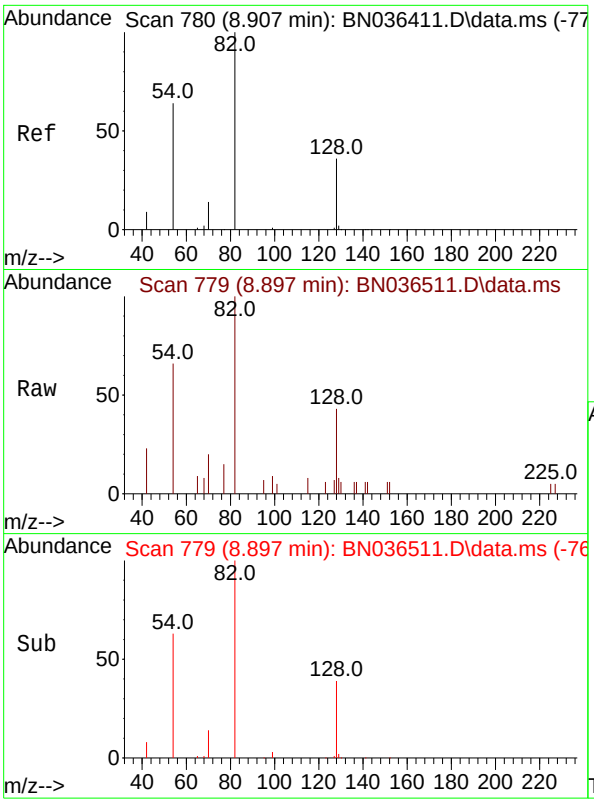


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.011 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:136 Resp: 5724

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.1	15.1
54	13.2	11.8	17.6
68	8.0	7.2	10.8



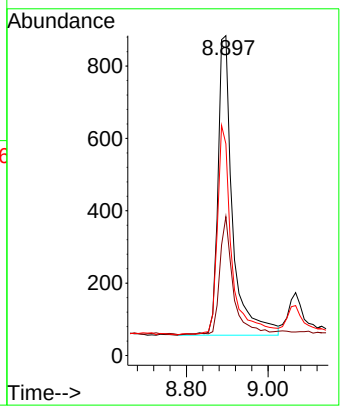


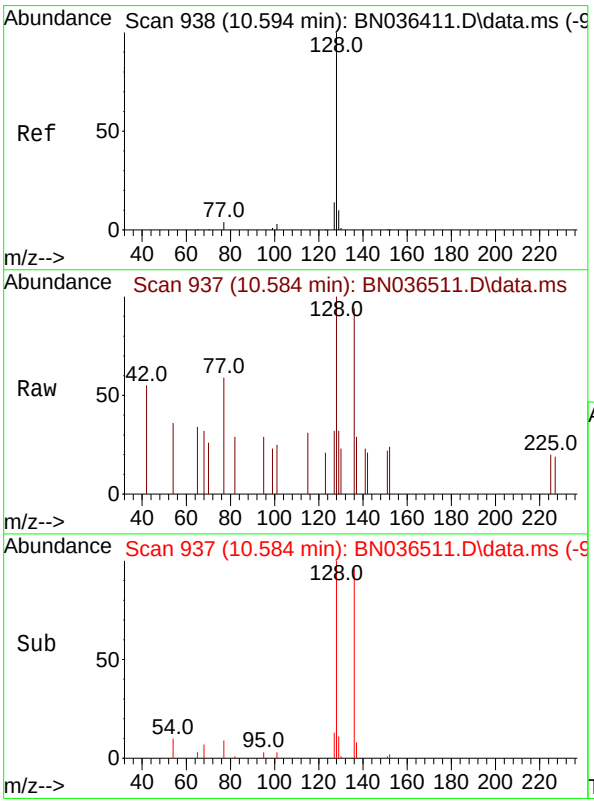
#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 8.897 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion: 82 Resp: 2065

Ion	Ratio	Lower	Upper
82	100		
128	43.4	31.9	47.9
54	66.2	53.1	79.7

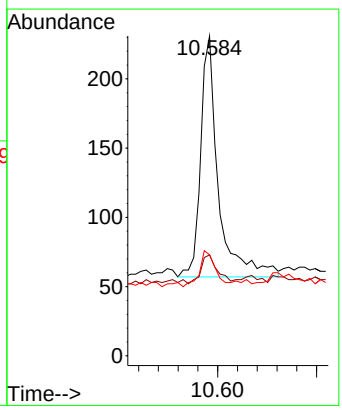


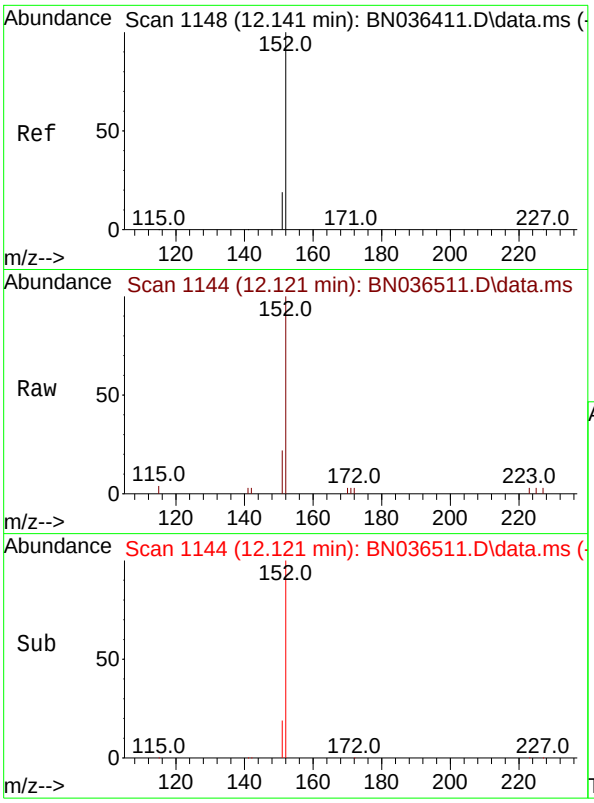


#9
Naphthalene
Concen: 0.026 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.011 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:128 Resp: 434

Ion	Ratio	Lower	Upper
128	100		
129	31.6	9.6	14.4#
127	31.6	12.0	18.0#



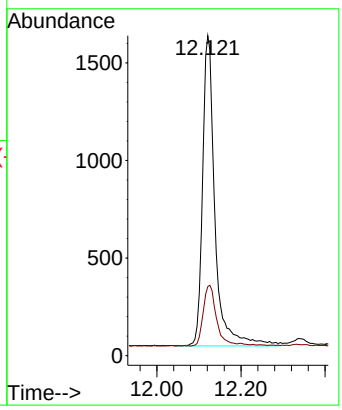


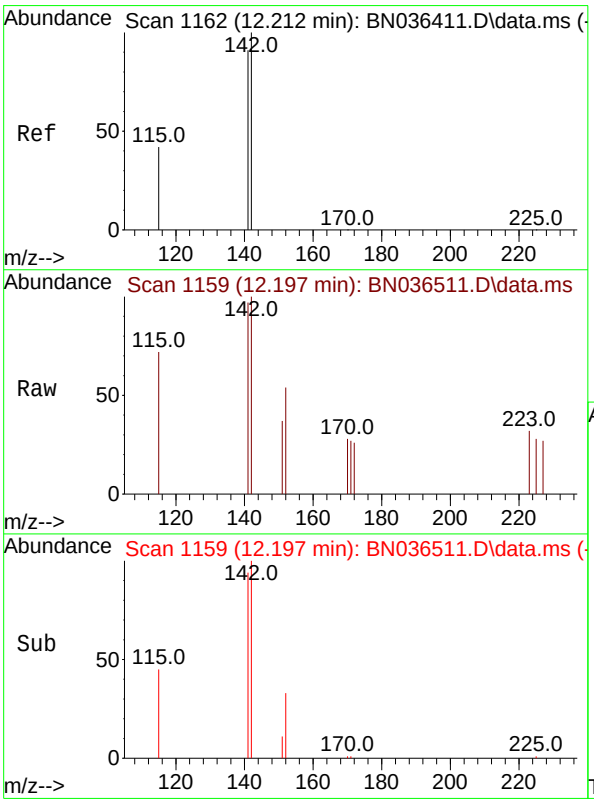
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.121 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:152 Resp: 3255

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0

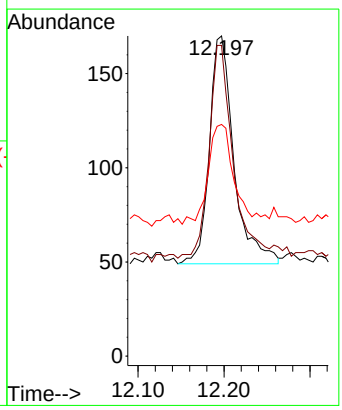


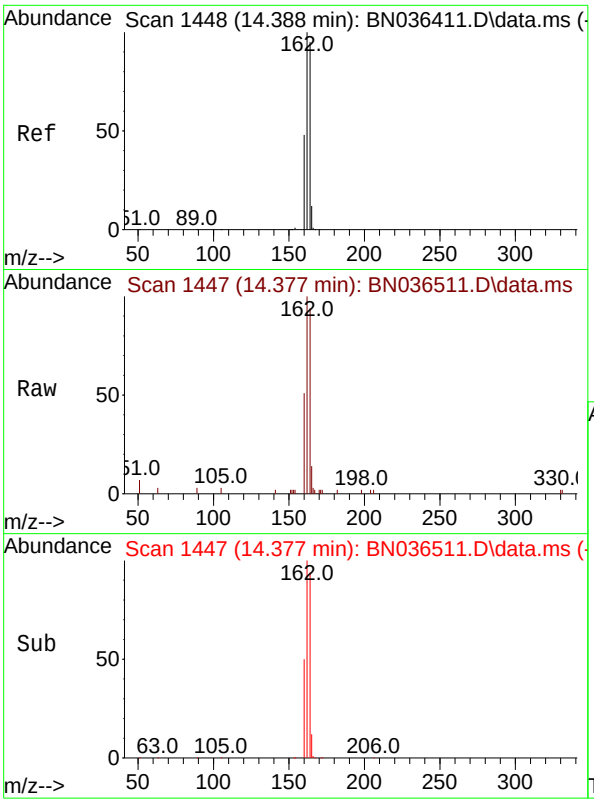


#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:142 Resp: 240

Ion	Ratio	Lower	Upper
142	100		
141	97.1	72.8	109.2
115	72.4	35.5	53.3#



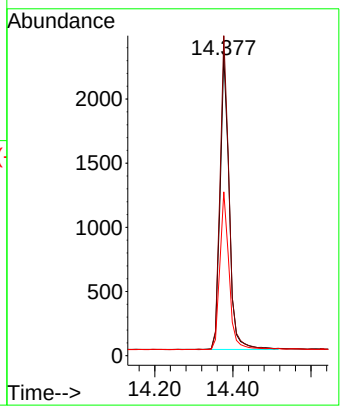


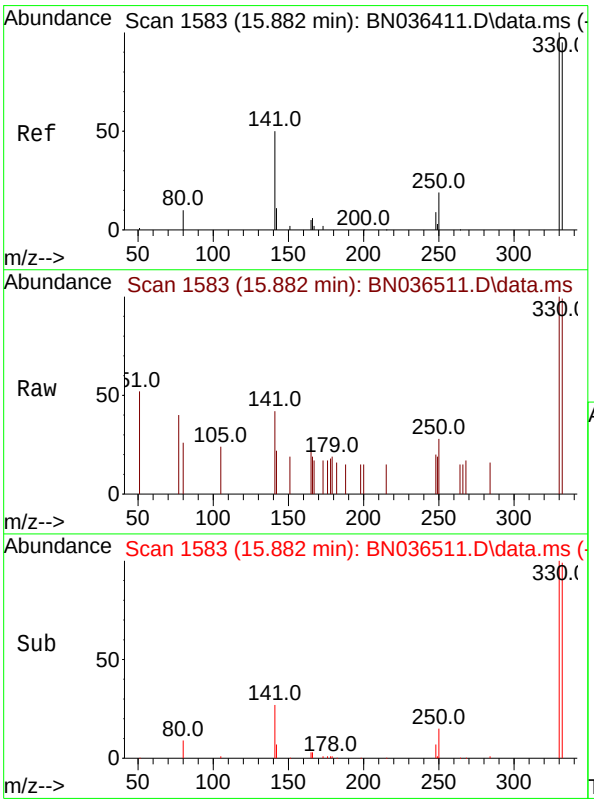
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:164 Resp: 3696

Ion	Ratio	Lower	Upper
164	100		
162	106.5	84.1	126.1
160	54.5	41.4	62.0

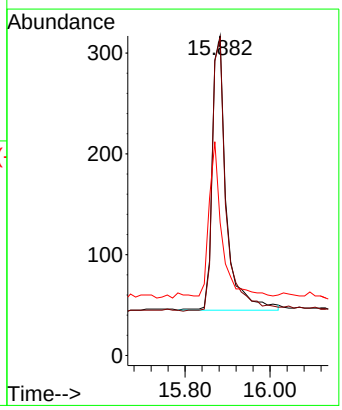


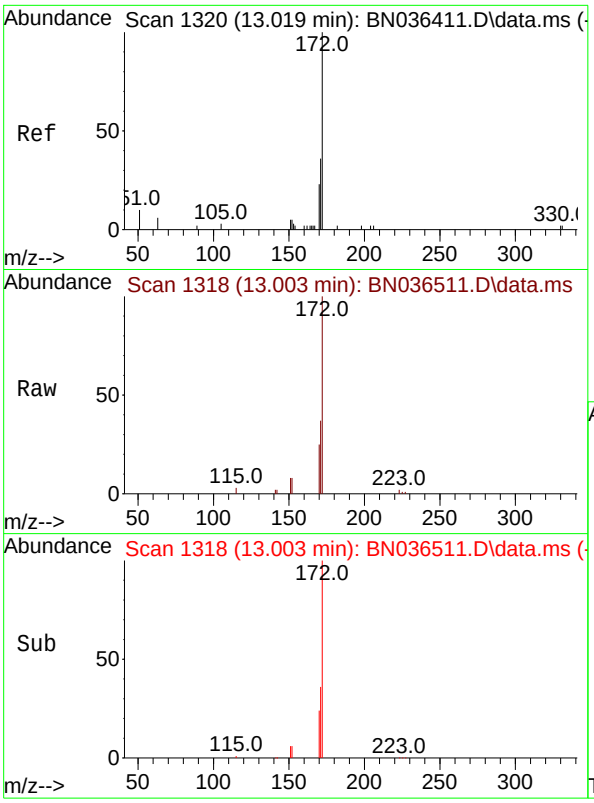


#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:330 Resp: 623

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	114.8
141	50.7	37.8	56.8



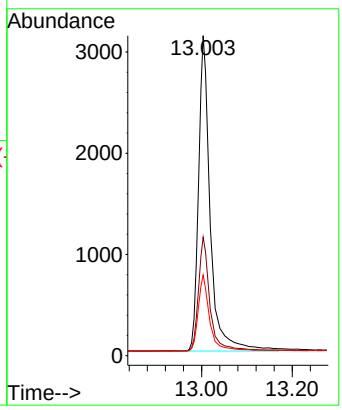


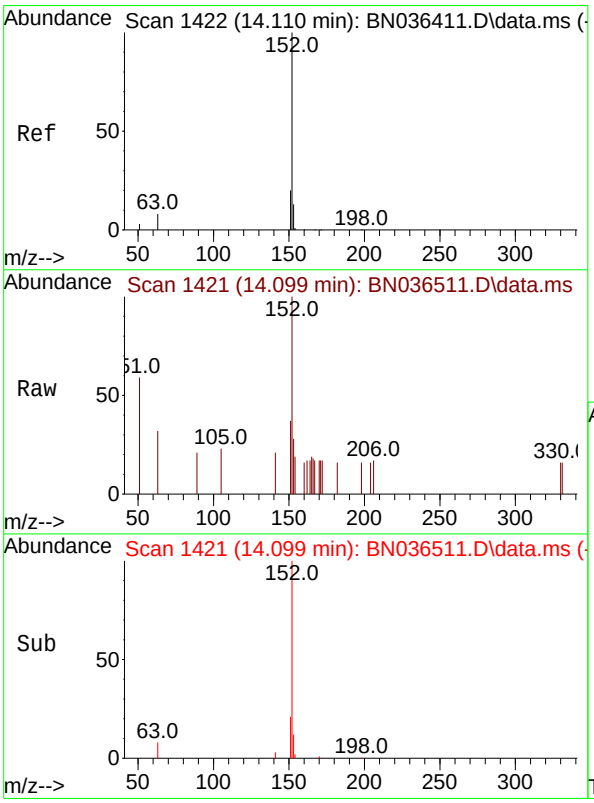
#15
2-Fluorobiphenyl
Concen: 0.495 ng
RT: 13.003 min Scan# 1
Delta R.T. -0.016 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:172 Resp: 6877

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	25.2	19.8	29.6

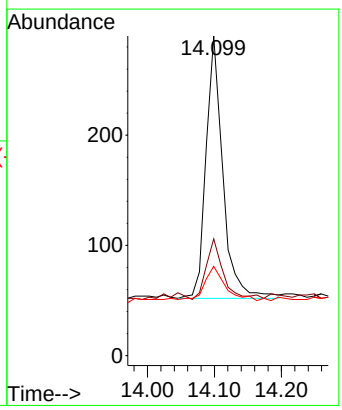


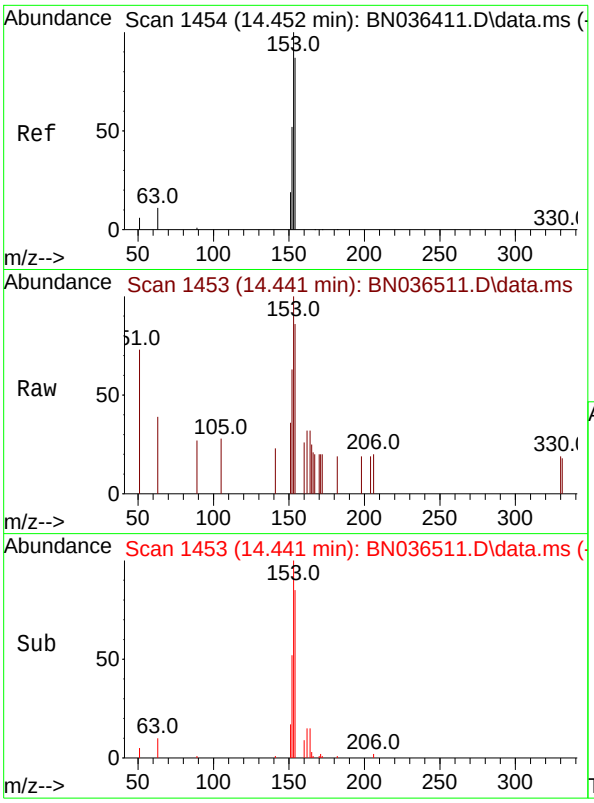


#16
Acenaphthylene
Concen: 0.025 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:152 Resp: 415

Ion	Ratio	Lower	Upper
152	100		
151	22.7	15.8	23.8
153	17.6	10.2	15.2#



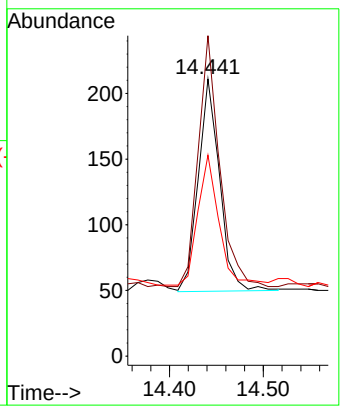


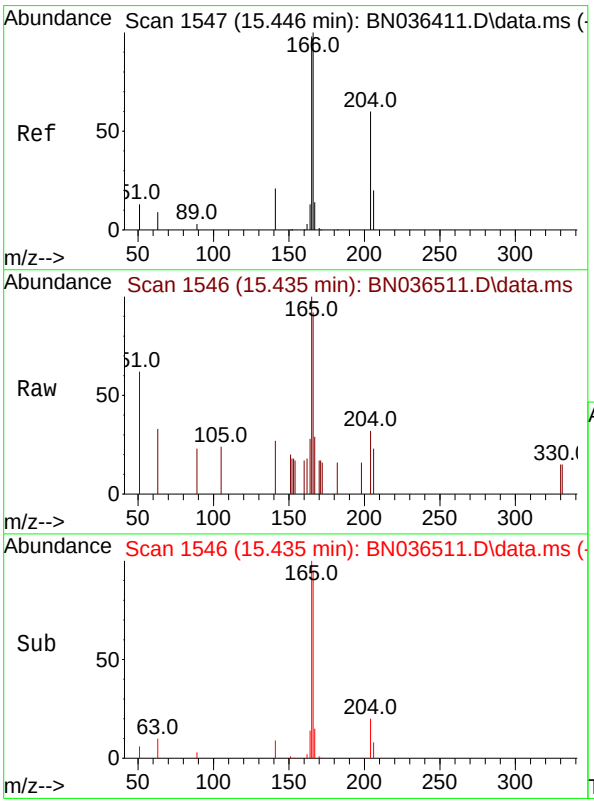
#17
Acenaphthene
Concen: 0.023 ng
RT: 14.441 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:154 Resp: 256

Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.3	139.9
152	62.9	48.8	73.2

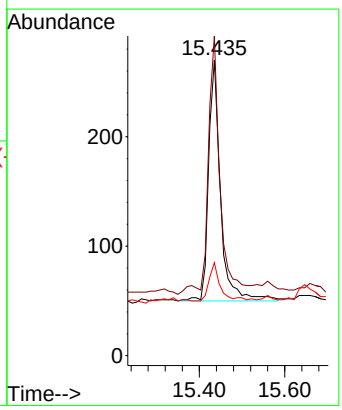


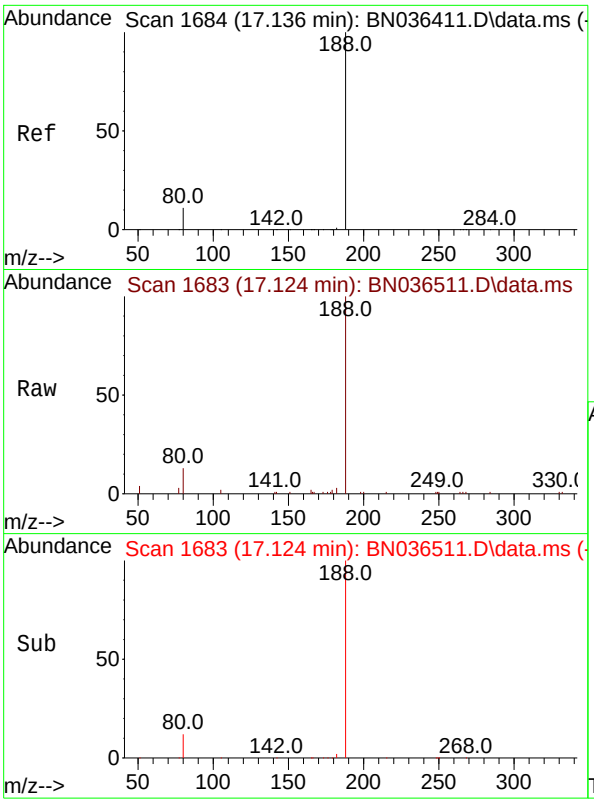


#18
Fluorene
Concen: 0.029 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:166 Resp: 446

Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.5	119.3
167	15.9	10.4	15.6#



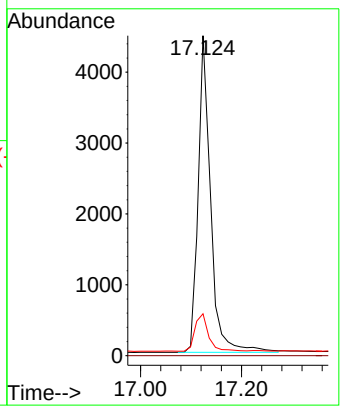


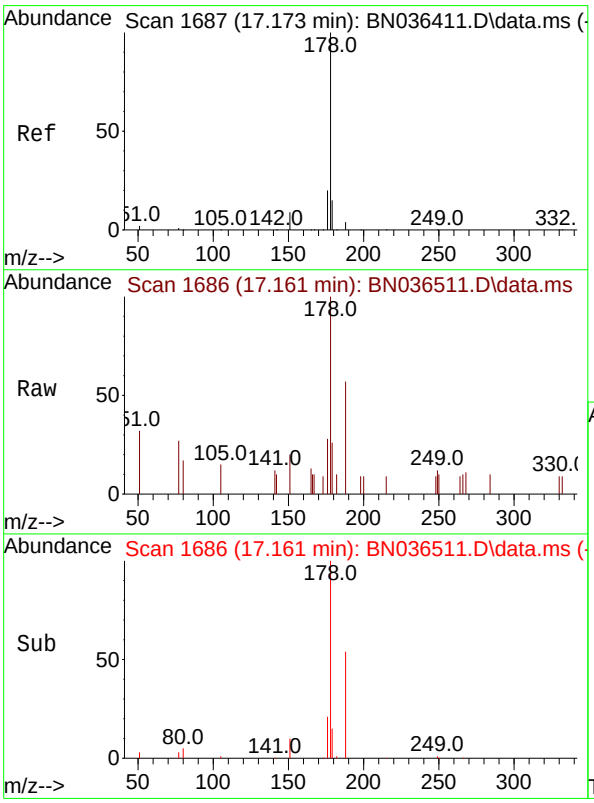
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:188 Resp: 7691

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	9.8	14.6

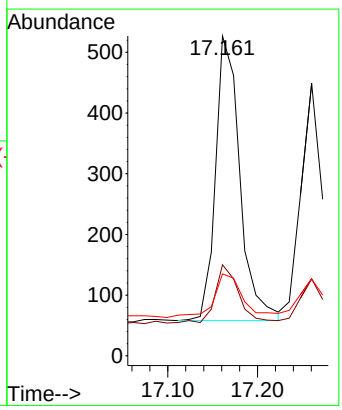


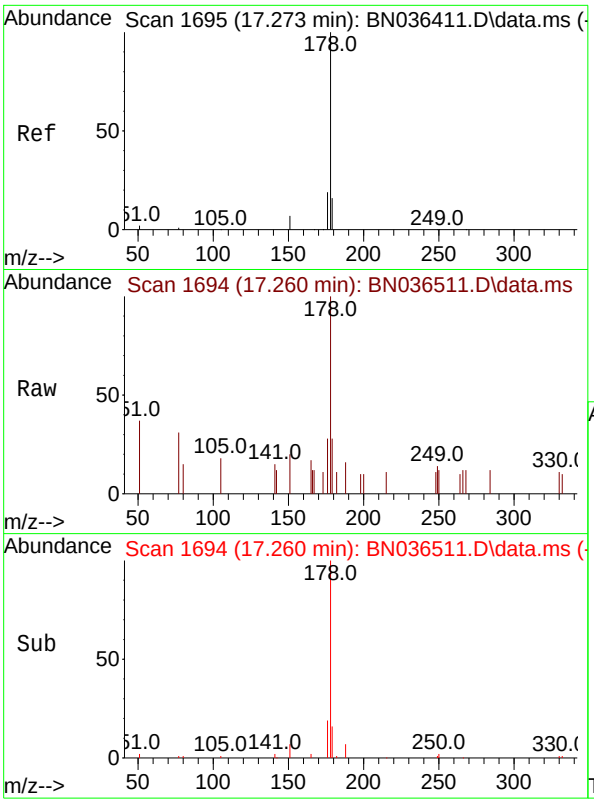


#25
Phenanthrene
Concen: 0.040 ng
RT: 17.161 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:178 Resp: 886

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.7	23.5
179	18.4	12.4	18.6



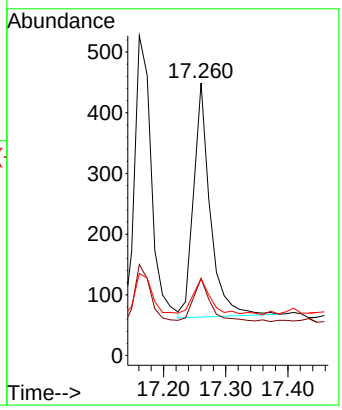


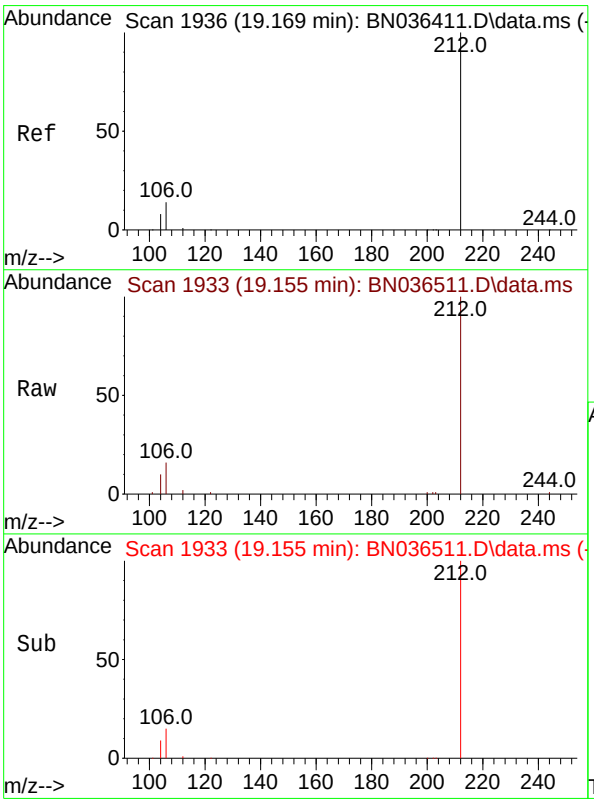
#26
Anthracene
Concen: 0.037 ng
RT: 17.260 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:178 Resp: 719

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	18.4	12.4	18.6

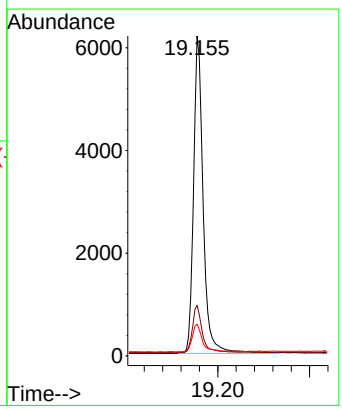


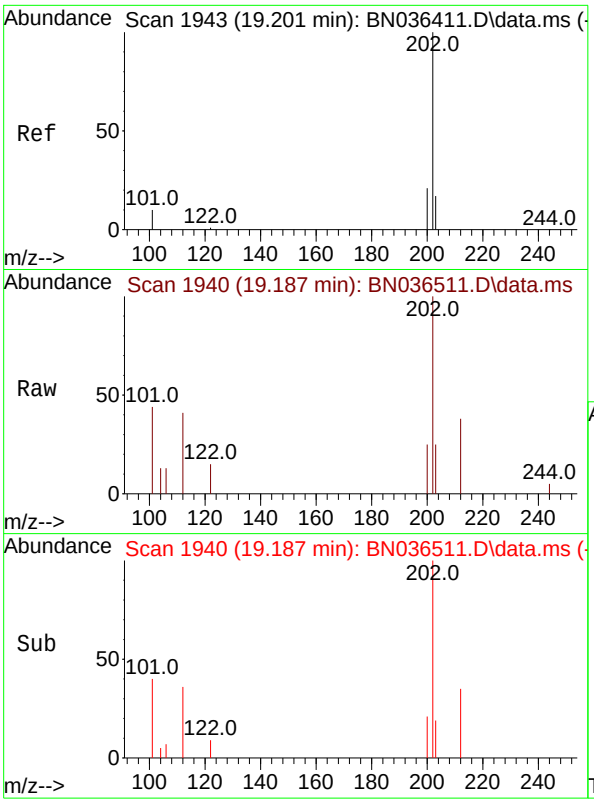


#27
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.155 min Scan# 1933
Delta R.T. -0.014 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:212 Resp: 9001

Ion	Ratio	Lower	Upper
212	100		
106	15.3	11.5	17.3
104	9.3	7.1	10.7



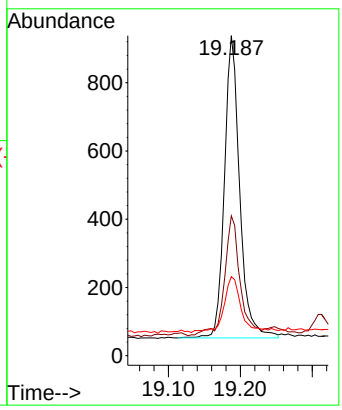


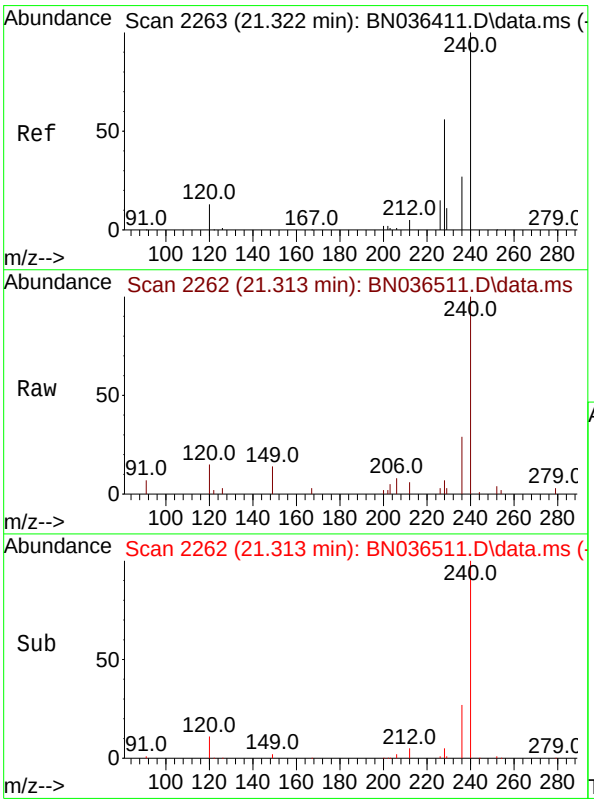
#28
Fluoranthene
Concen: 0.048 ng
RT: 19.187 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:202 Resp: 1310

Ion	Ratio	Lower	Upper
202	100		
101	40.3	9.2	13.8#
203	20.7	13.4	20.0#

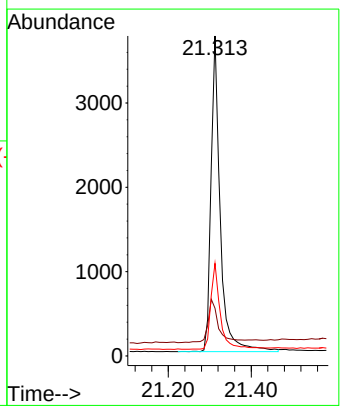


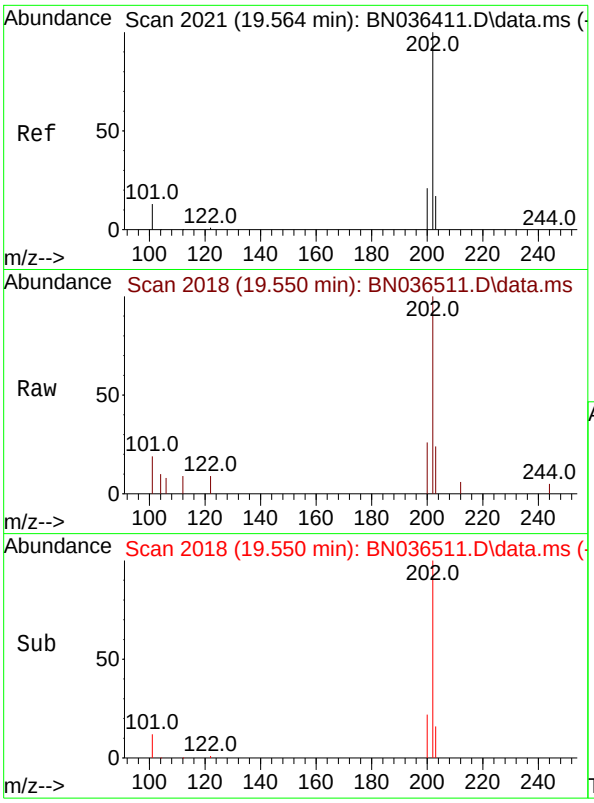


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:240 Resp: 5768

Ion	Ratio	Lower	Upper
240	100		
120	14.9	13.3	19.9
236	29.0	23.0	34.6



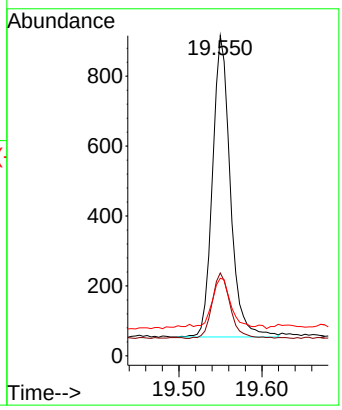


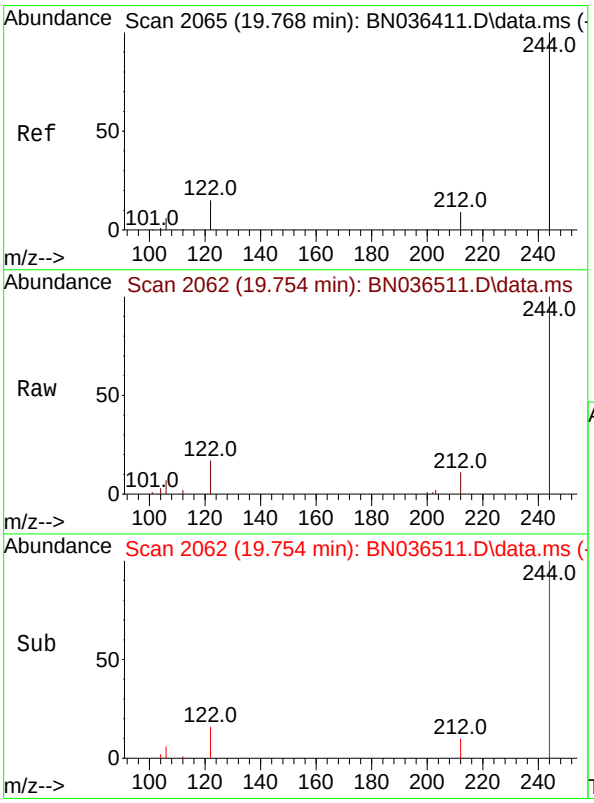
#30
Pyrene
Concen: 0.058 ng
RT: 19.550 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:202 Resp: 1284

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	17.6	13.9	20.9

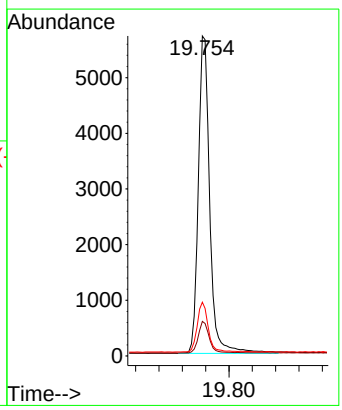


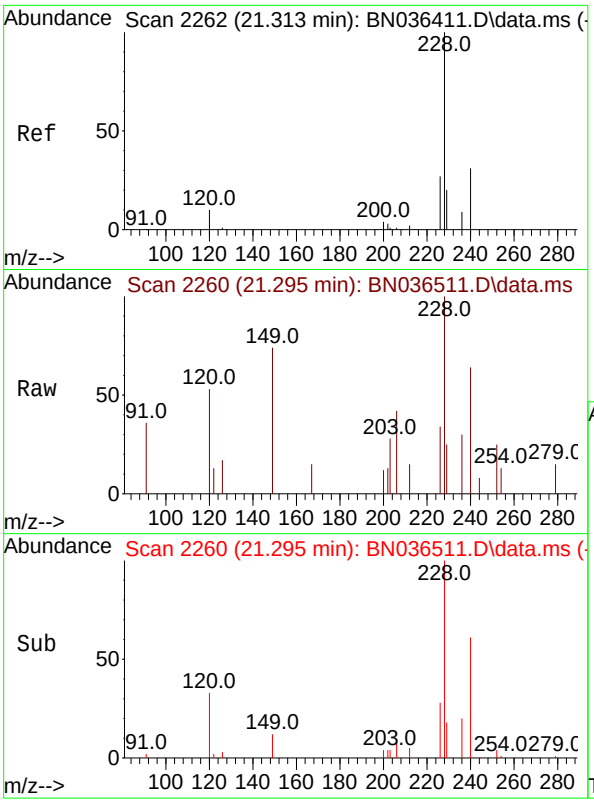


#31
Terphenyl-d14
Concen: 0.631 ng
RT: 19.754 min Scan# 2062
Delta R.T. -0.014 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:244 Resp: 7770

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.1	12.1
122	16.8	12.8	19.2



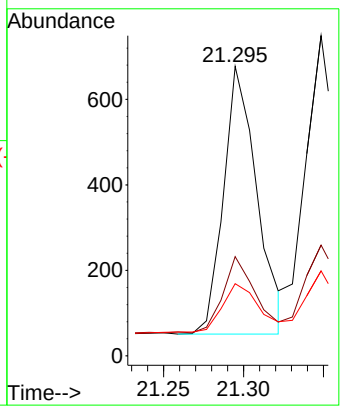


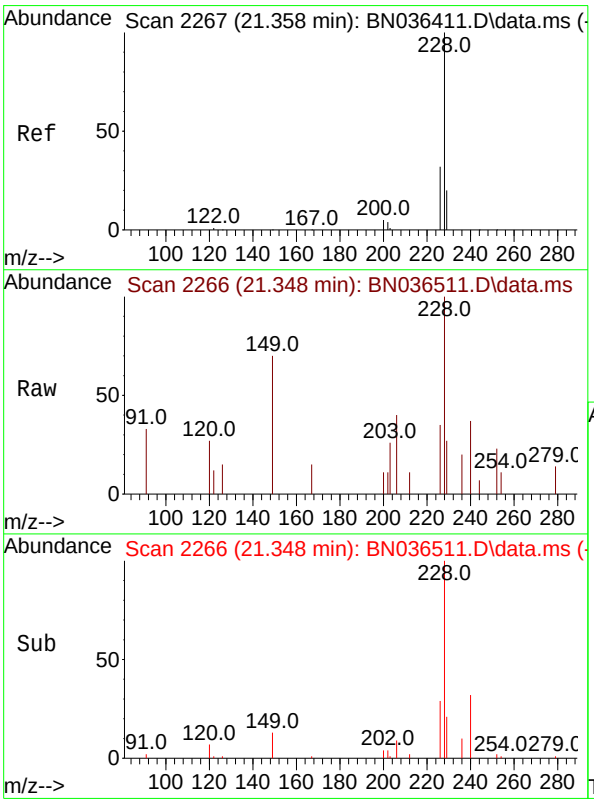
#32
Benzo(a)anthracene
Concen: 0.048 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:228 Resp: 913

Ion	Ratio	Lower	Upper
228	100		
226	34.3	22.2	33.2#
229	25.0	16.5	24.7#

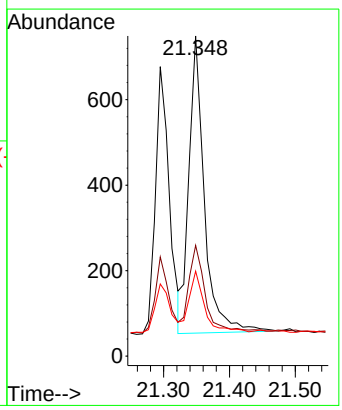


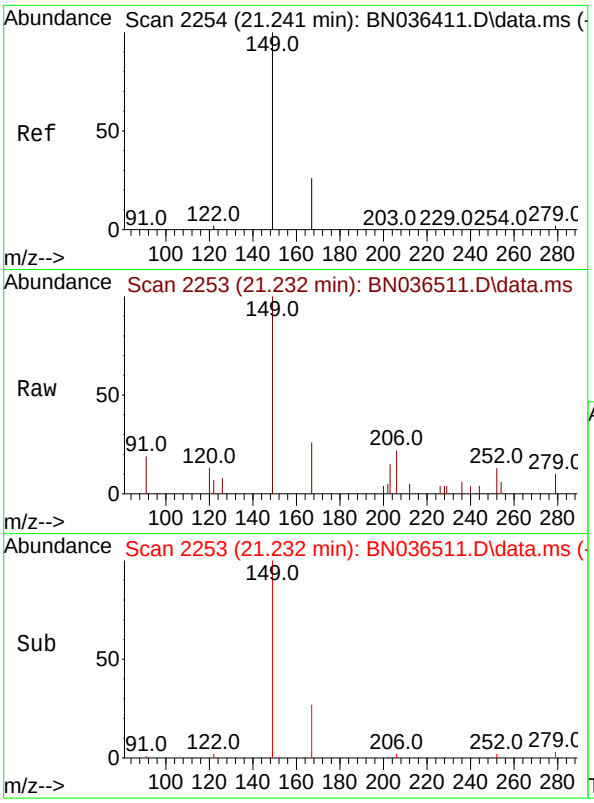


#33
Chrysene
Concen: 0.055 ng
RT: 21.348 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:228 Resp: 1129

Ion	Ratio	Lower	Upper
228	100		
226	34.6	25.5	38.3
229	26.6	16.4	24.6#



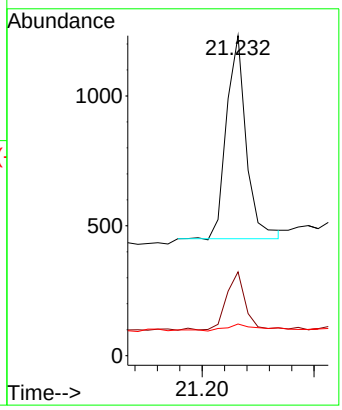


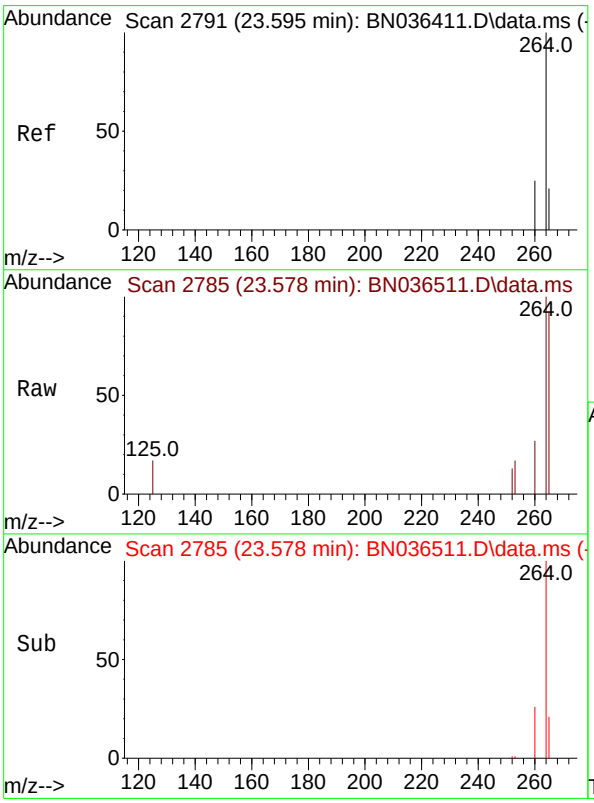
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.232 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:149 Resp: 962

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.2	31.8
279	6.3	2.7	4.1#

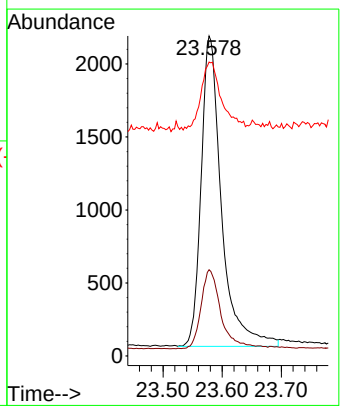


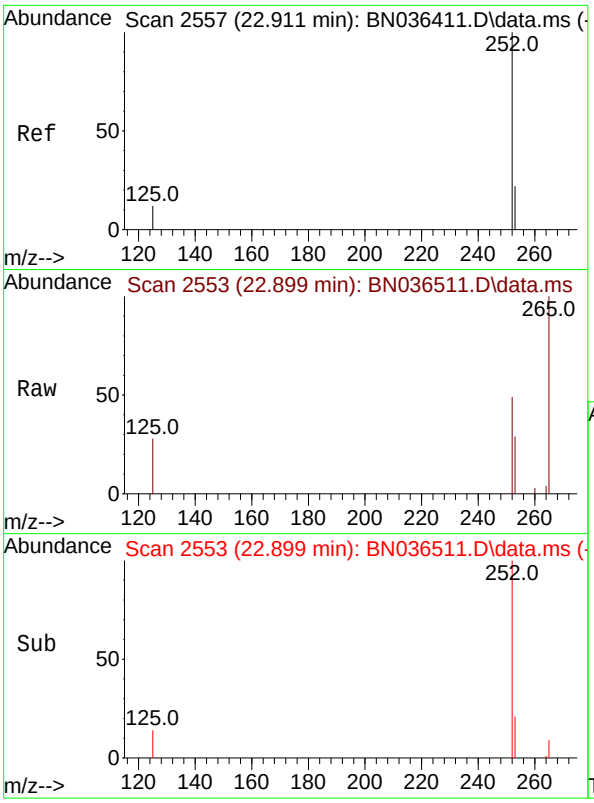


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.578 min Scan# 2785
Delta R.T. -0.018 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:264 Resp: 5083

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.9	31.3
265	91.8	60.7	91.1#



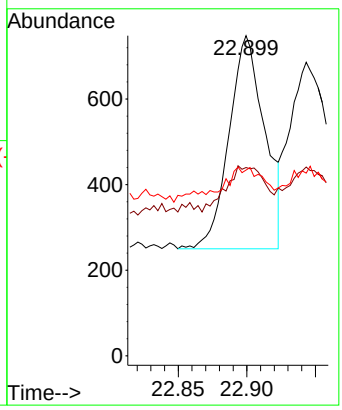


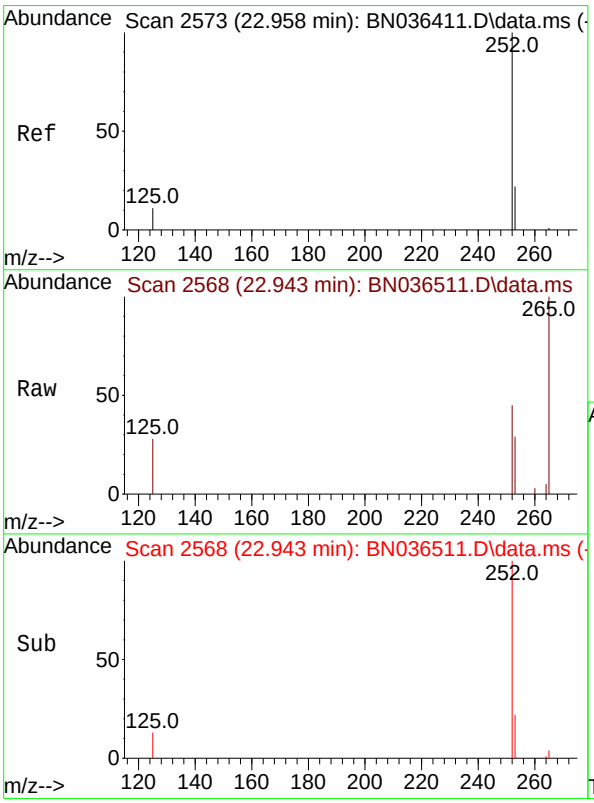
#37
Benzo(b)fluoranthene
Concen: 0.054 ng
RT: 22.899 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:252 Resp: 902

Ion	Ratio	Lower	Upper
252	100		
253	58.8	21.9	32.9#
125	58.0	15.0	22.6#

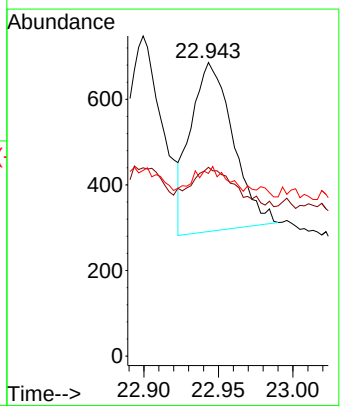


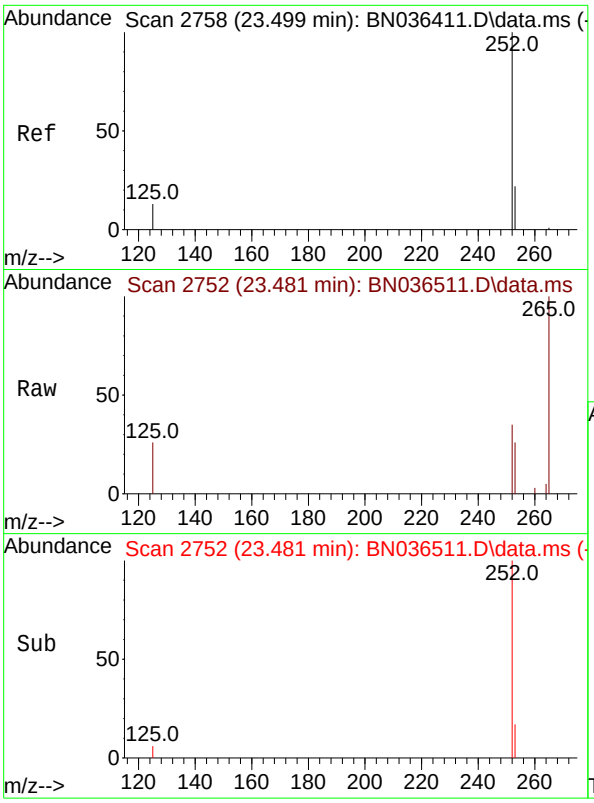


#38
Benzo(k)fluoranthene
Concen: 0.045 ng
RT: 22.943 min Scan# 2568
Delta R.T. -0.015 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:252 Resp: 779

Ion	Ratio	Lower	Upper
252	100		
253	64.3	22.2	33.4#
125	62.2	15.0	22.4#



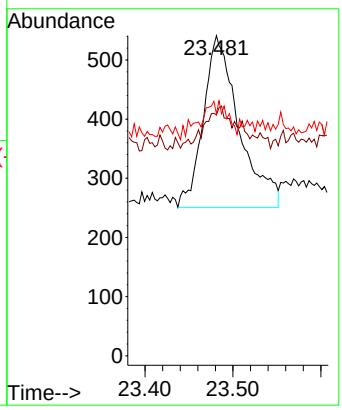


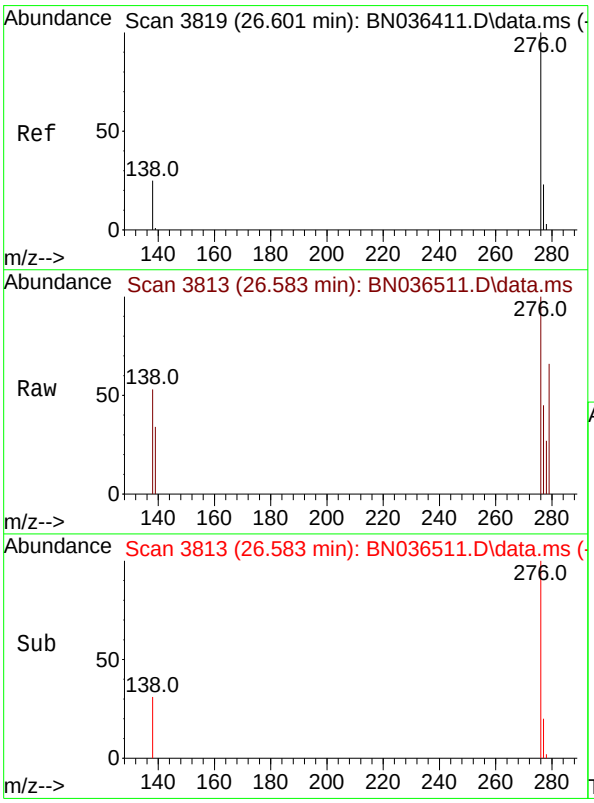
#39
Benzo(a)pyrene
Concen: 0.056 ng
RT: 23.481 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-EB-20250221

Tgt Ion:252 Resp: 818

Ion	Ratio	Lower	Upper
252	100		
253	75.2	24.4	36.6#
125	75.6	18.2	27.2#





#41
Benzo(g,h,i)perylene
Concen: 0.044 ng
RT: 26.583 min Scan# 3813
Delta R.T. -0.018 min
Lab File: BN036511.D
Acq: 26 Feb 2025 15:31

Tgt Ion:276 Resp: 699

Ion	Ratio	Lower	Upper
276	100		
277	45.2	20.7	31.1#
138	53.0	21.8	32.6#