Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
Data File : BN036528.D
Acq On : 05 Mar 2025 17:30
Operator : RC/JU
Sample : Q1477-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Quant Time: Mar 06 00:02:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2903	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	6906	0.400	ng	# 0.01
13) Acenaphthene-d10	14.366	164	4230	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	8982	0.400	ng	0.00
29) Chrysene-d12	21.295	240	9606	0.400	ng	0.00
35) Perylene-d12	23.554	264	8798	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1187	0.173	ng	0.00
5) Phenol-d6	6.901	99	825	0.102	ng	0.00
8) Nitrobenzene-d5	8.875	82	2609	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	3527	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	862	0.411	ng	0.00
15) 2-Fluorobiphenyl	12.993	172	8843	0.556	ng	0.00
27) Fluoranthene-d10	19.141	212	12661	0.507	ng	0.00
31) Terphenyl-d14	19.745	244	9769	0.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	129	0.041	ng	# 67
25) Phenanthrene	17.149	178	1394	0.054	ng	97
26) Anthracene	17.149	178	1394	0.061	ng	96
28) Fluoranthene	19.174	202	7659	0.240	ng	# 94
30) Pyrene	19.536	202	5566	0.150	ng	99
32) Benzo(a)anthracene	21.277	228	2403	0.076	ng	93
33) Chrysene	21.331	228	2403	0.070	ng	98
34) Bis(2-ethylhexyl)phtha...	21.214	149	2236	0.114	ng	# 93
36) Indeno(1,2,3-cd)pyrene	25.847	276	1377	0.045	ng	# 86
37) Benzo(b)fluoranthene	22.876	252	2840	0.098	ng	# 72
38) Benzo(k)fluoranthene	22.920	252	2332	0.078	ng	# 60
39) Benzo(a)pyrene	23.455	252	1362	0.054	ng	# 37
40) Dibenzo(a,h)anthracene	25.867	278	615	0.025	ng	# 16
41) Benzo(g,h,i)perylene	26.539	276	750	0.027	ng	# 60

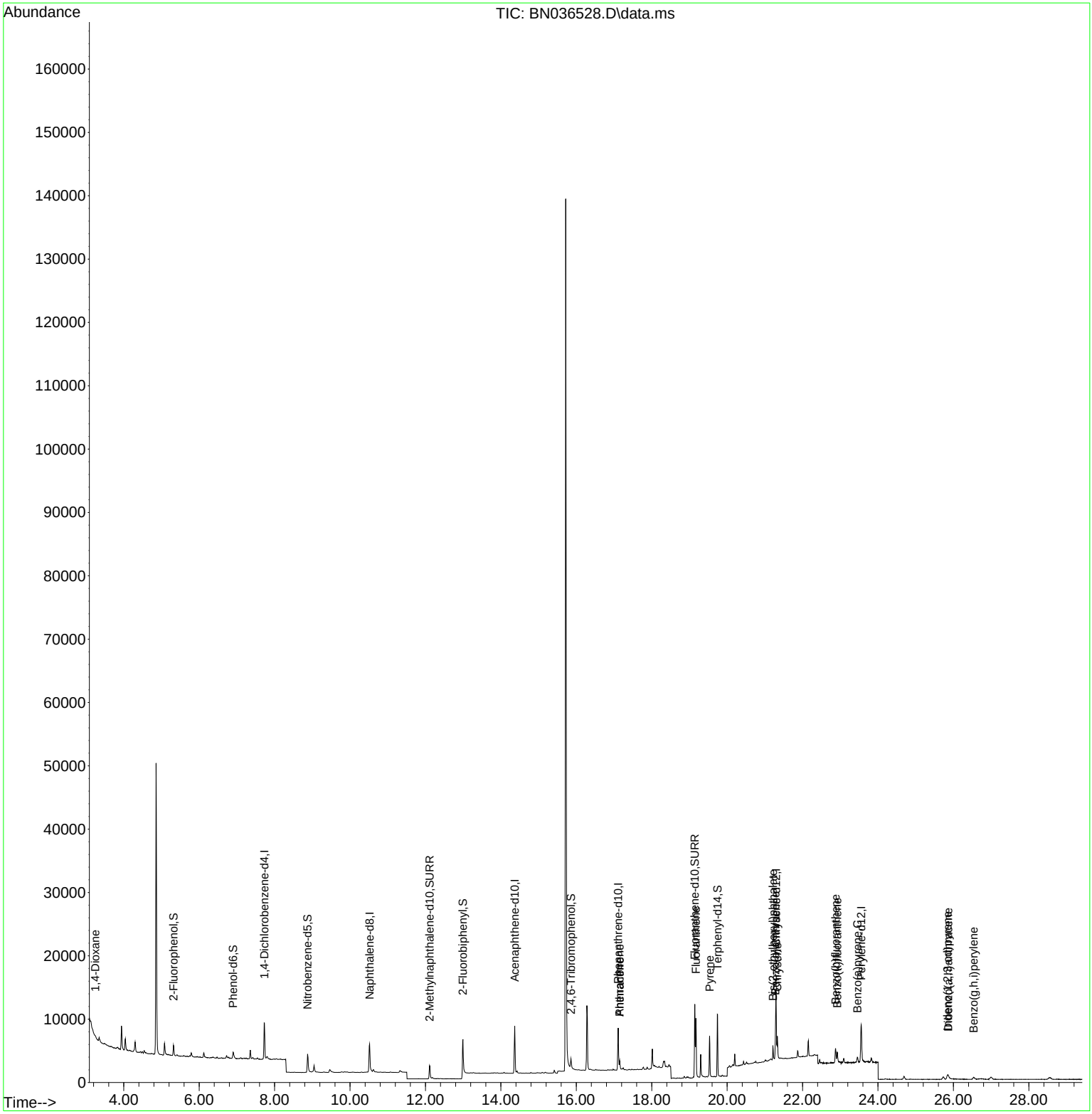
(#) = qualifier out of range (m) = manual integration (+) = signals summed

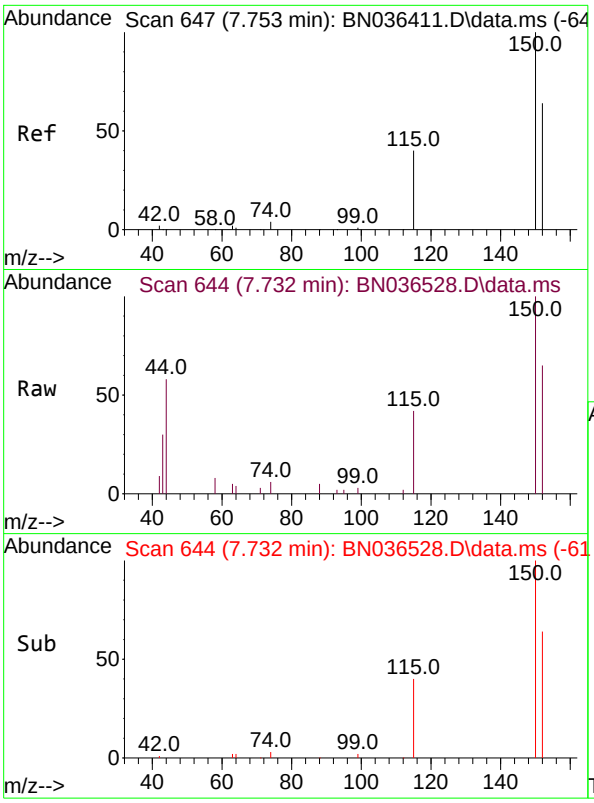
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
Data File : BN036528.D
Acq On : 05 Mar 2025 17:30
Operator : RC/JU
Sample : Q1477-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Quant Time: Mar 06 00:02:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration



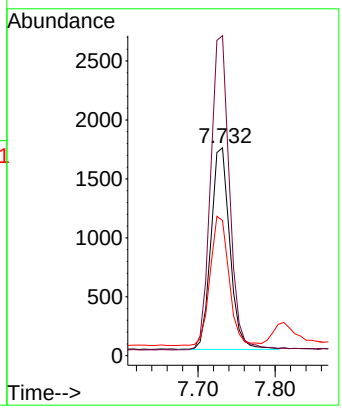


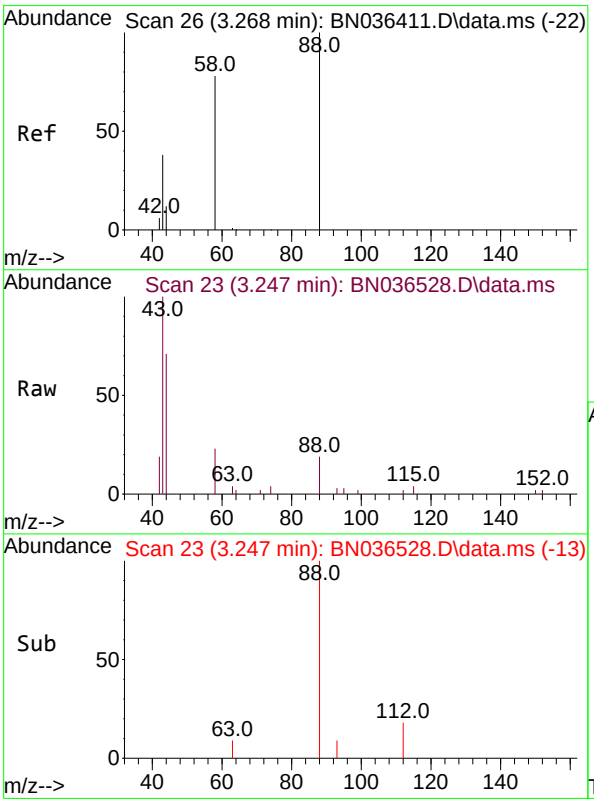
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:152 Resp: 2903

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.7	185.5
115	65.1	52.5	78.7

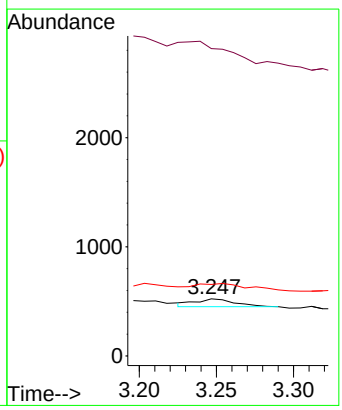


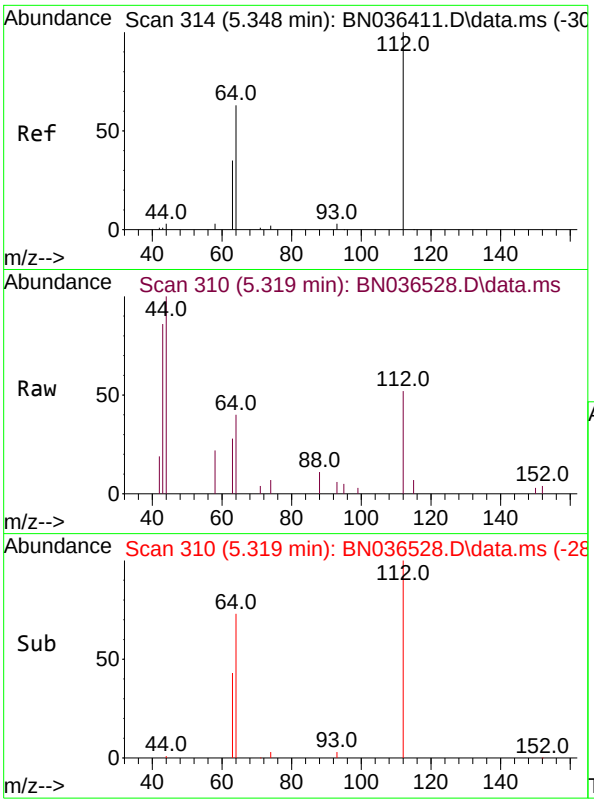


#2
1,4-Dioxane
Concen: 0.041 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion: 88 Resp: 129

Ion	Ratio	Lower	Upper
88	100		
43	0.0	33.7	50.5#
58	101.6	68.9	103.3



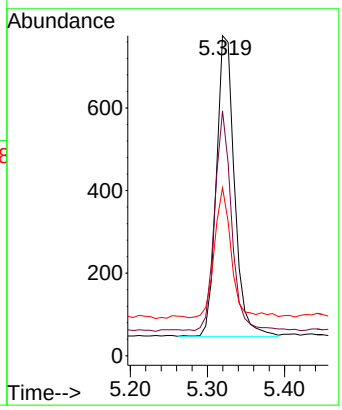


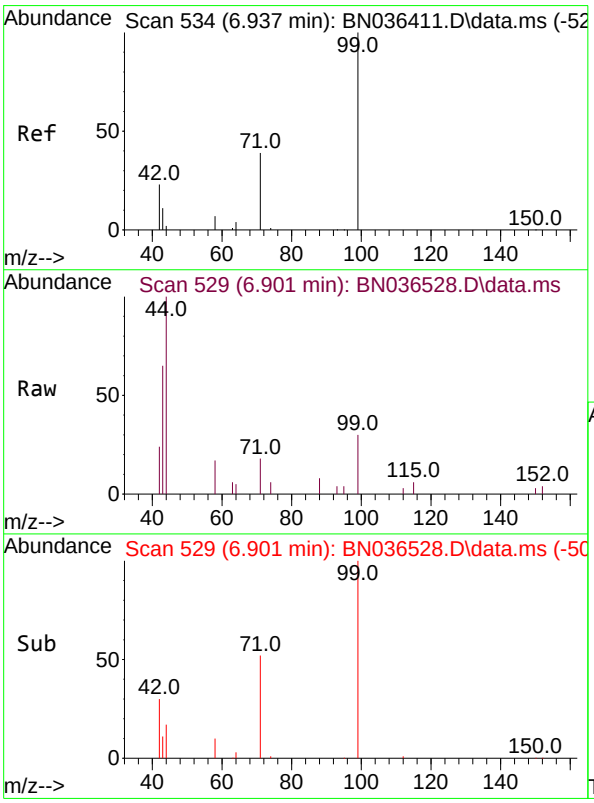
#4
2-Fluorophenol
Concen: 0.173 ng
RT: 5.319 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:112 Resp: 1187

Ion	Ratio	Lower	Upper
112	100		
64	68.3	53.4	80.0
63	39.4	30.3	45.5

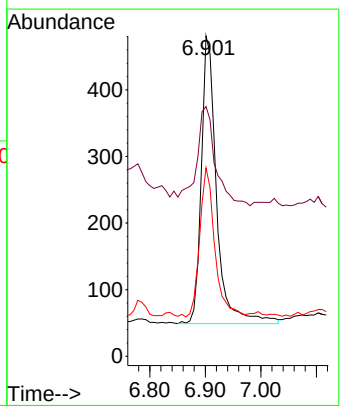


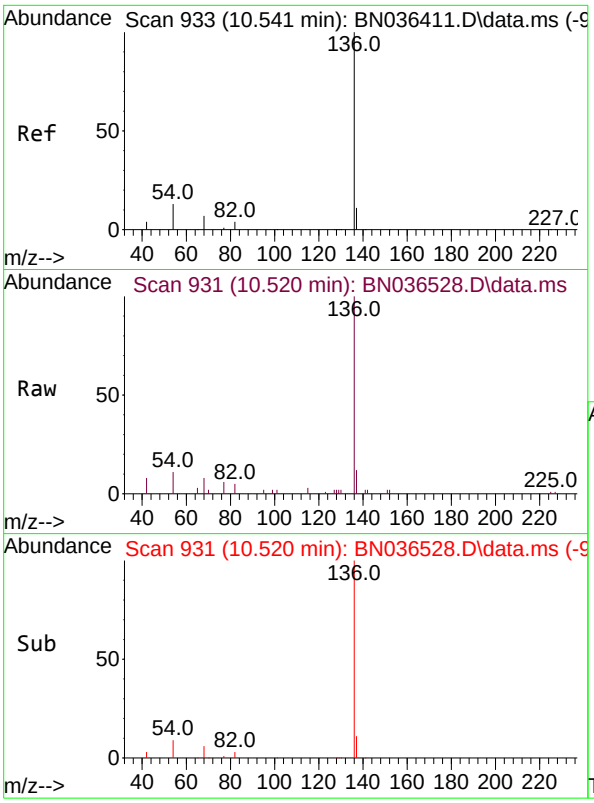


#5
Phenol-d6
Concen: 0.102 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion: 99 Resp: 825

Ion	Ratio	Lower	Upper
99	100		
42	42.9	21.7	32.5#
71	50.5	32.6	49.0#



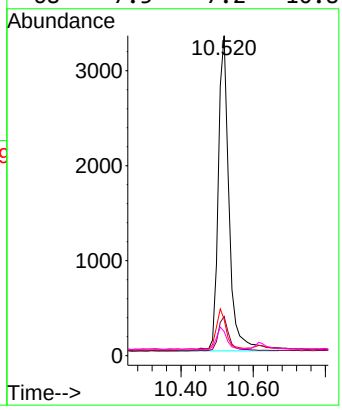


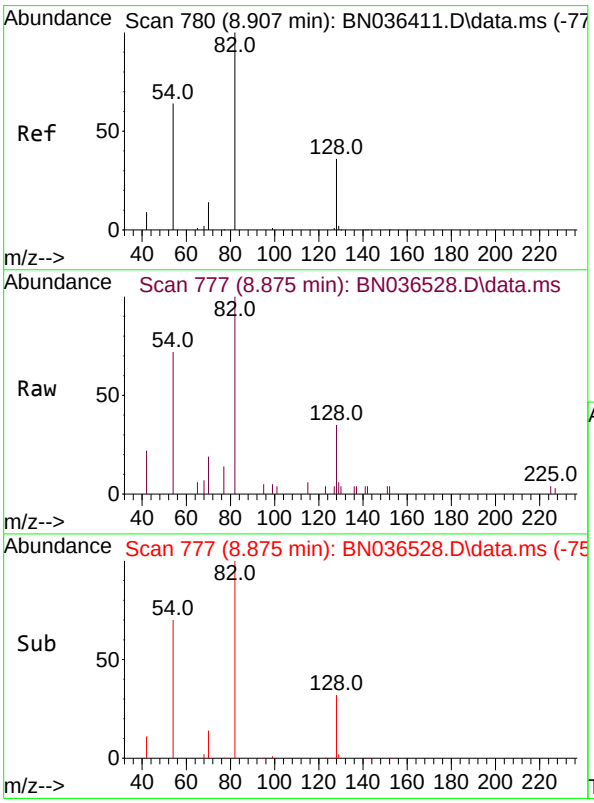
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:136 Resp: 6906

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.1	15.1
54	11.4	11.8	17.6#
68	7.5	7.2	10.8

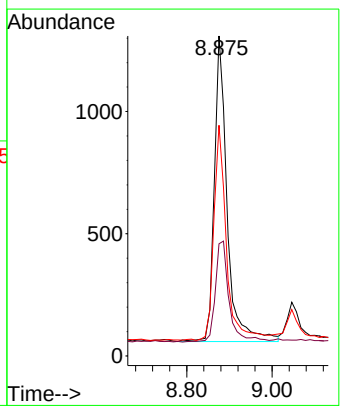


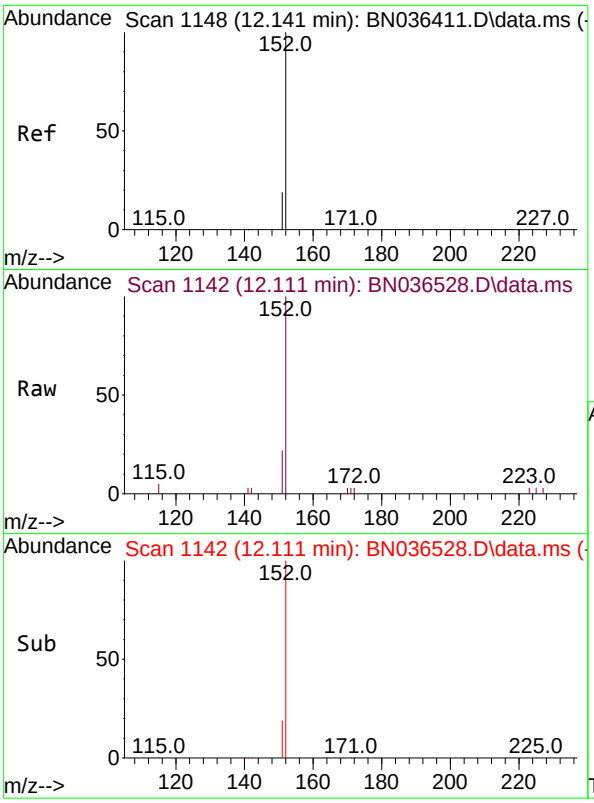


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion: 82 Resp: 2609

Ion	Ratio	Lower	Upper
82	100		
128	35.1	31.9	47.9
54	72.1	53.1	79.7



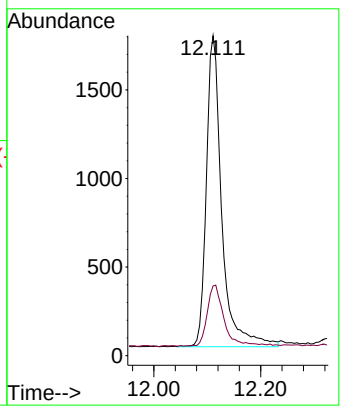


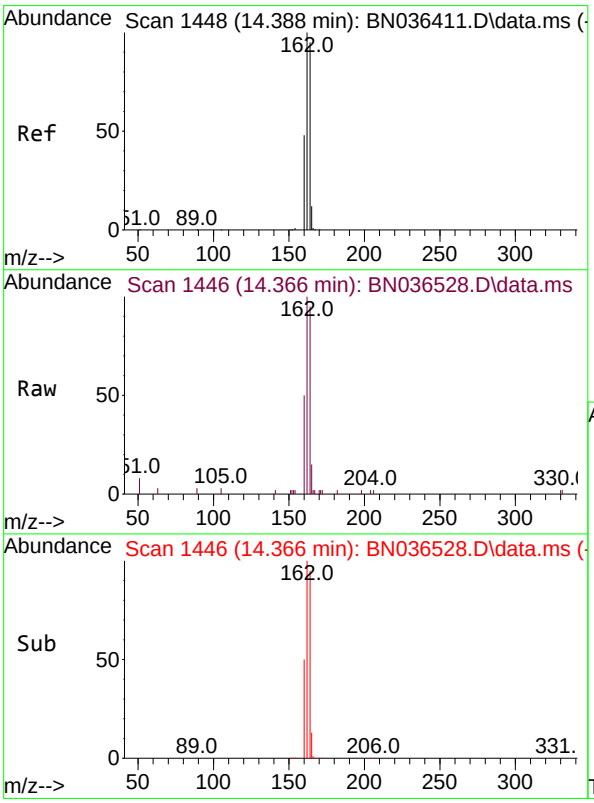
#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.111 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:152 Resp: 3527

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	25.0

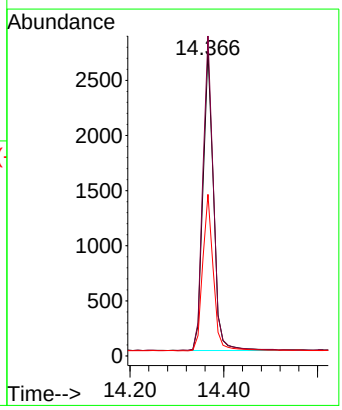


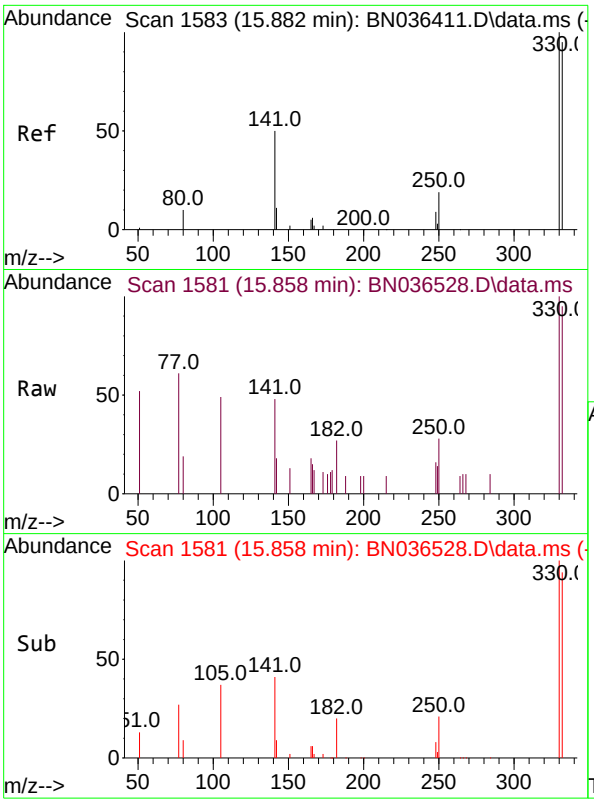


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:164 Resp: 4230

Ion	Ratio	Lower	Upper
164	100		
162	105.1	84.1	126.1
160	53.1	41.4	62.0



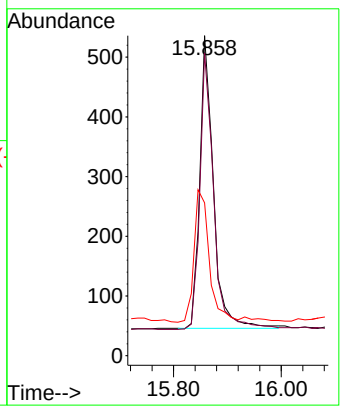


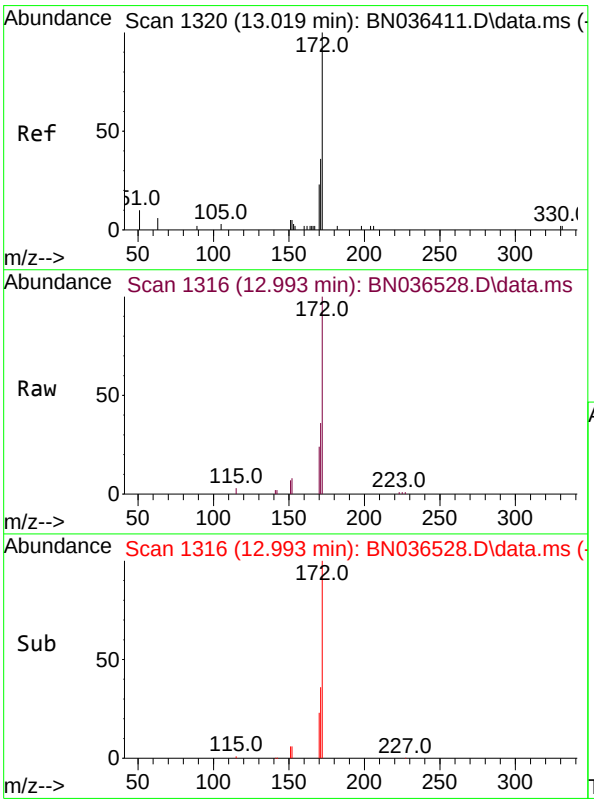
#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:330 Resp: 862

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	50.7	37.8	56.8

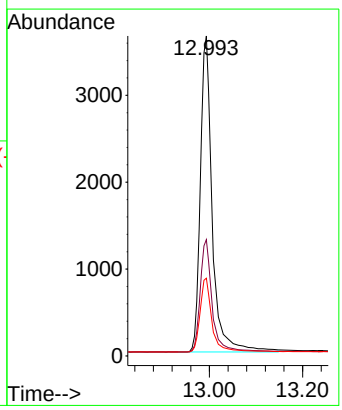


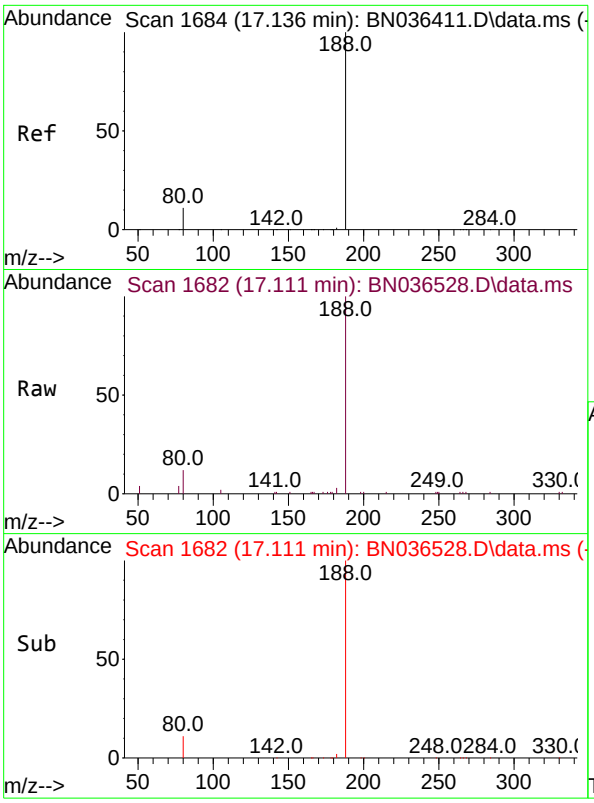


#15
2-Fluorobiphenyl
Concen: 0.556 ng
RT: 12.993 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:172 Resp: 8843

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.8	29.6



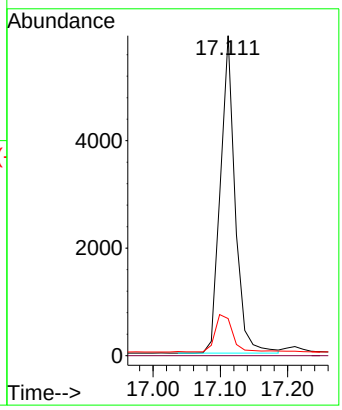


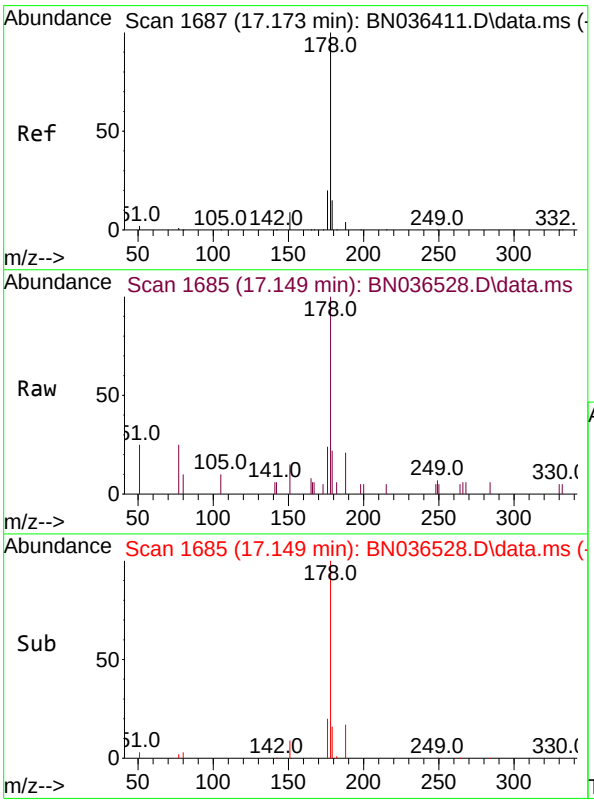
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:188 Resp: 8982

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	9.8	14.6

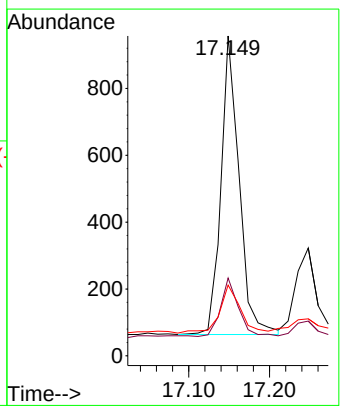


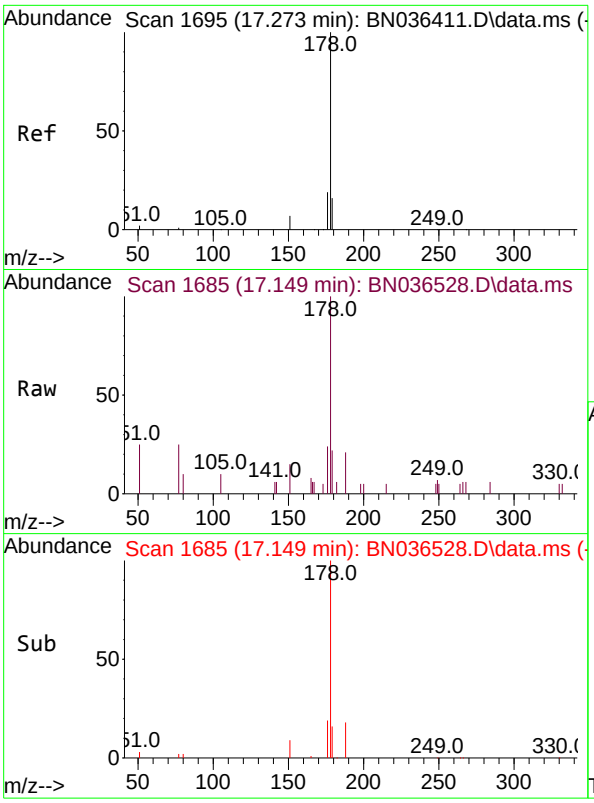


#25
Phenanthrene
Concen: 0.054 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:178 Resp: 1394

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	18.4	12.4	18.6



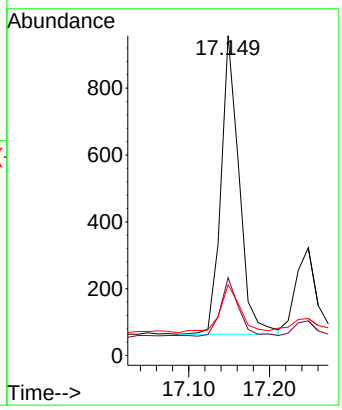


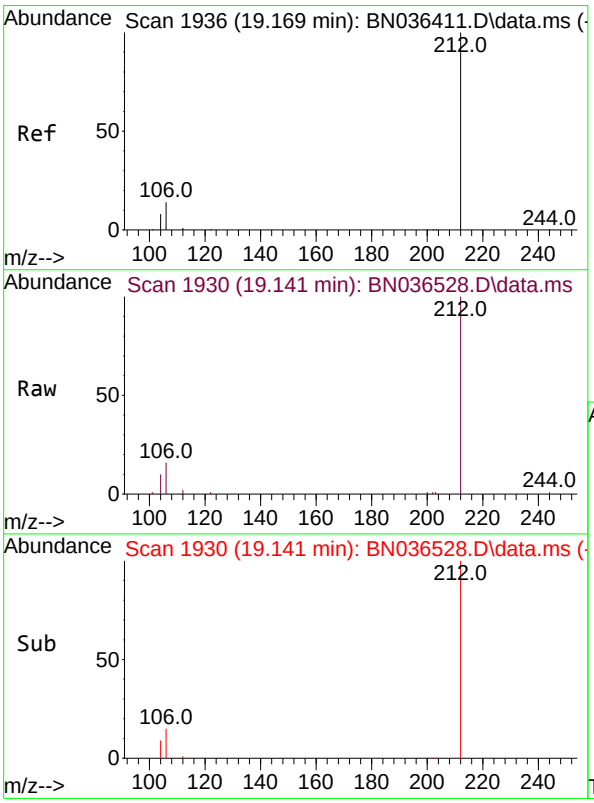
#26
Anthracene
Concen: 0.061 ng
RT: 17.149 min Scan# 1(
Delta R.T. -0.087 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:178 Resp: 1394

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	18.4	12.4	18.6

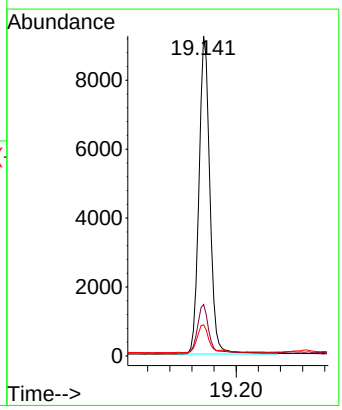


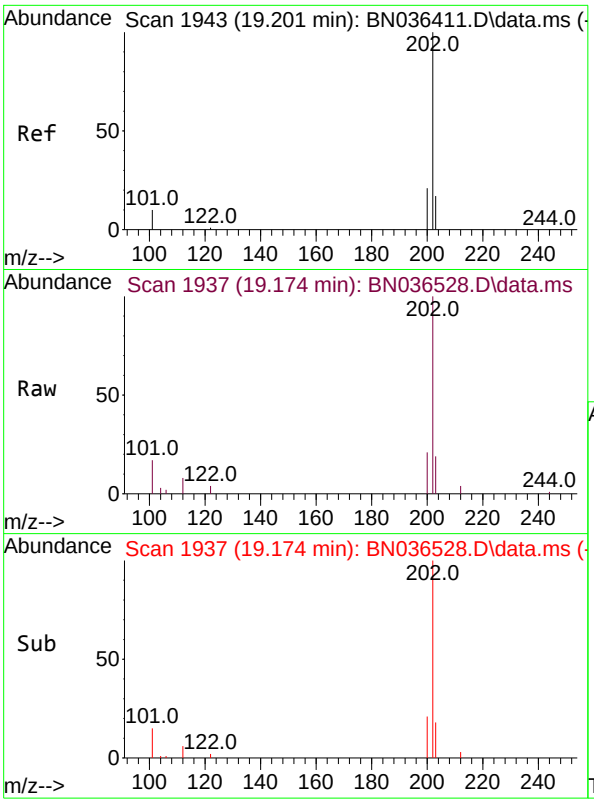


#27
Fluoranthene-d10
Concen: 0.507 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:212 Resp: 12661

Ion	Ratio	Lower	Upper
212	100		
106	15.6	11.5	17.3
104	9.6	7.1	10.7



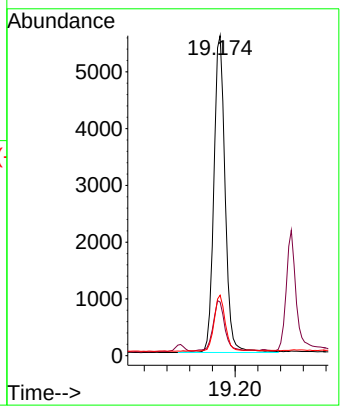


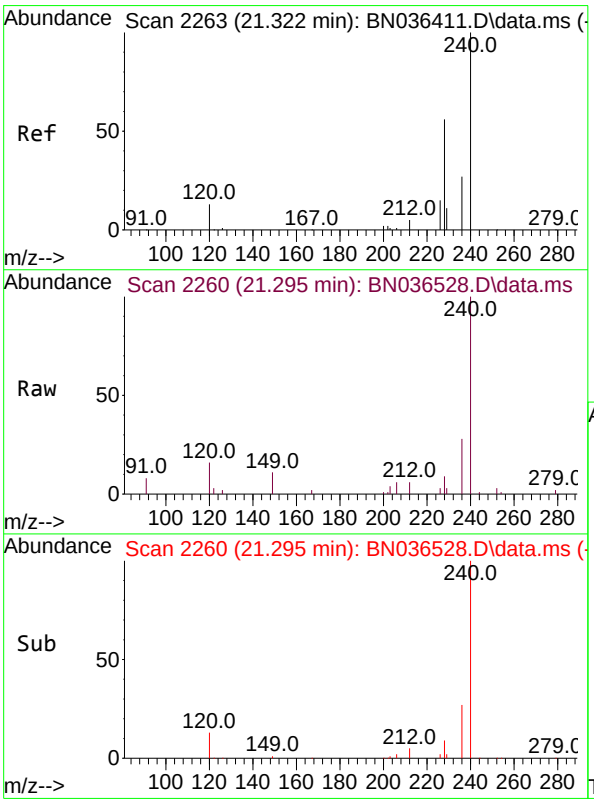
#28
Fluoranthene
Concen: 0.240 ng
RT: 19.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:202 Resp: 7659

Ion	Ratio	Lower	Upper
202	100		
101	16.7	9.2	13.8#
203	16.9	13.4	20.0

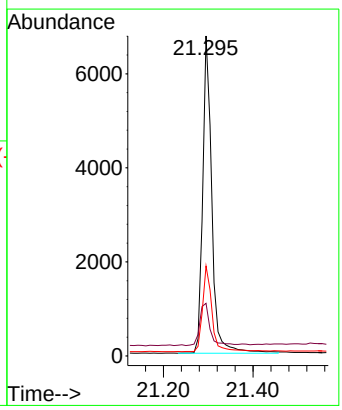


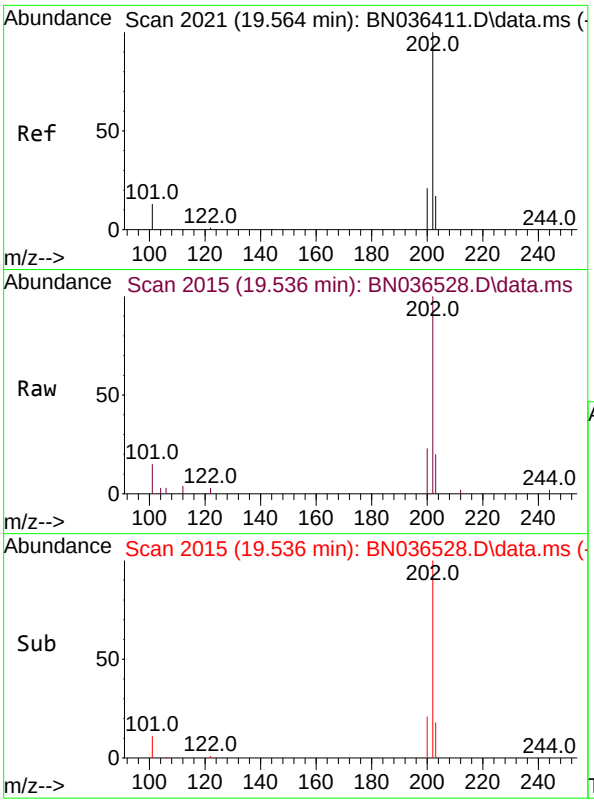


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:240 Resp: 9606

Ion	Ratio	Lower	Upper
240	100		
120	16.4	13.3	19.9
236	28.1	23.0	34.6



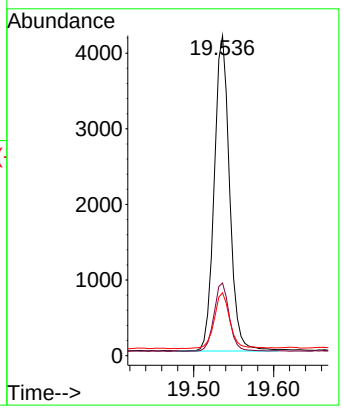


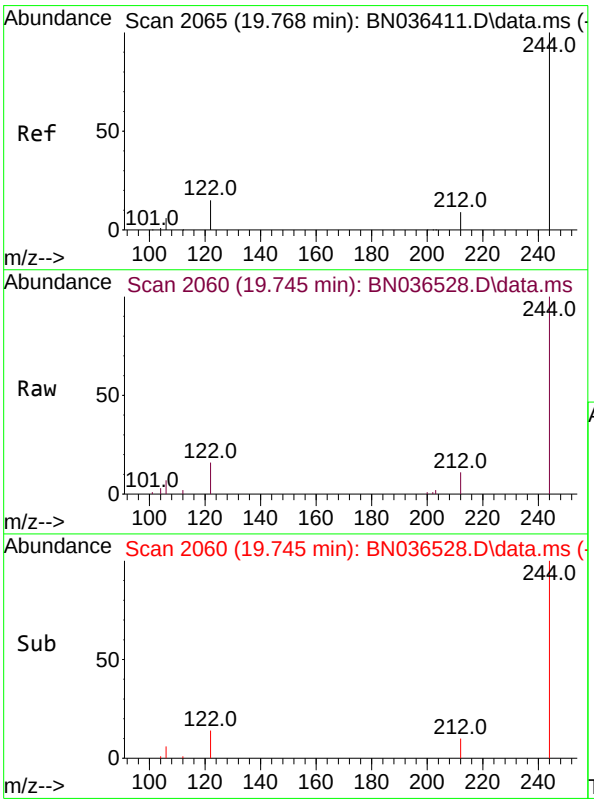
#30
Pyrene
Concen: 0.150 ng
RT: 19.536 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:202 Resp: 5566

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.3	13.9	20.9

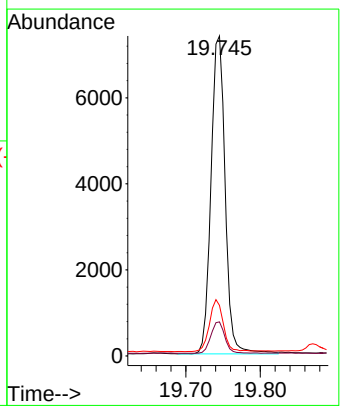


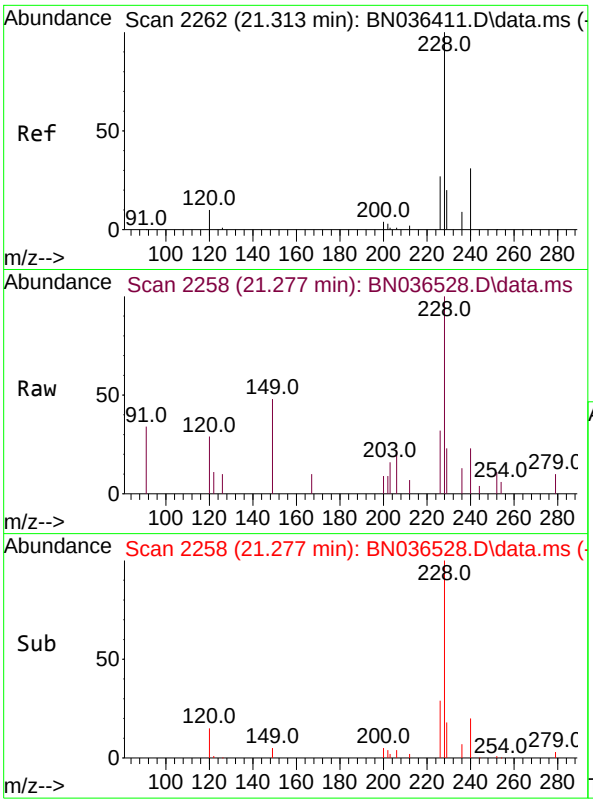


#31
Terphenyl-d14
Concen: 0.476 ng
RT: 19.745 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:244 Resp: 9769

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.1	12.1
122	15.8	12.8	19.2



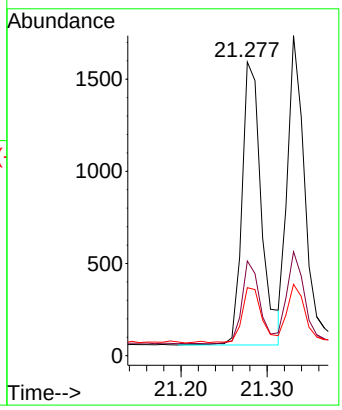


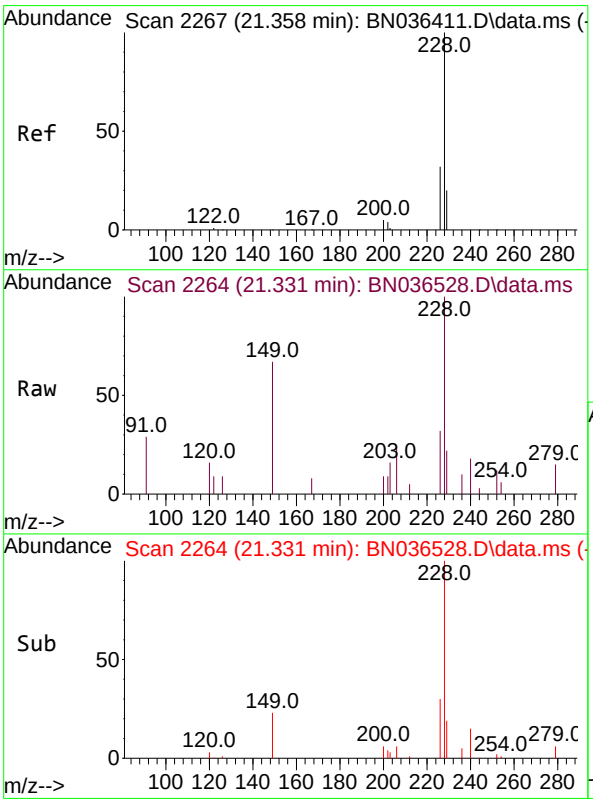
#32
Benzo(a)anthracene
Concen: 0.076 ng
RT: 21.277 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:228 Resp: 2403

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.2	33.2
229	23.1	16.5	24.7

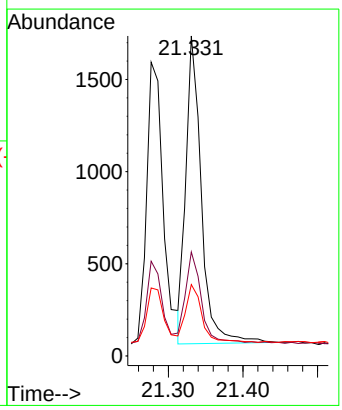


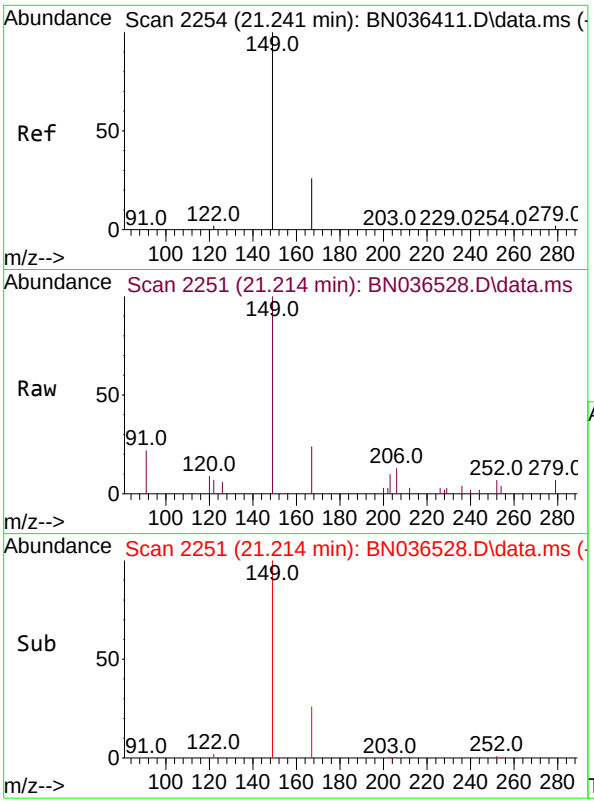


#33
Chrysene
Concen: 0.070 ng
RT: 21.331 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:228 Resp: 2403

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	22.3	16.4	24.6



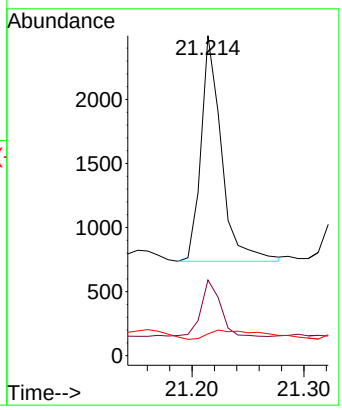


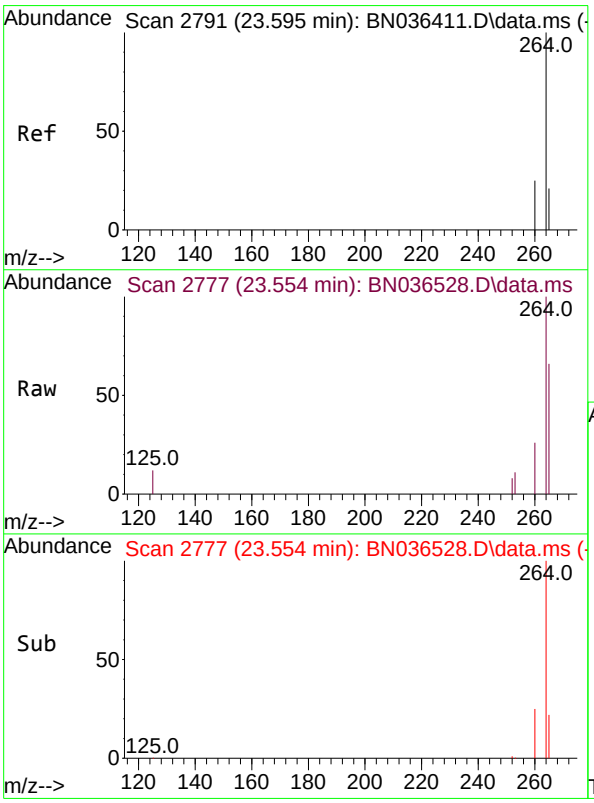
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.214 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:149 Resp: 2236

Ion	Ratio	Lower	Upper
149	100		
167	23.8	21.2	31.8
279	10.1	2.7	4.1#

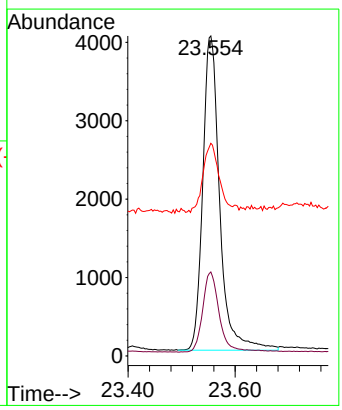


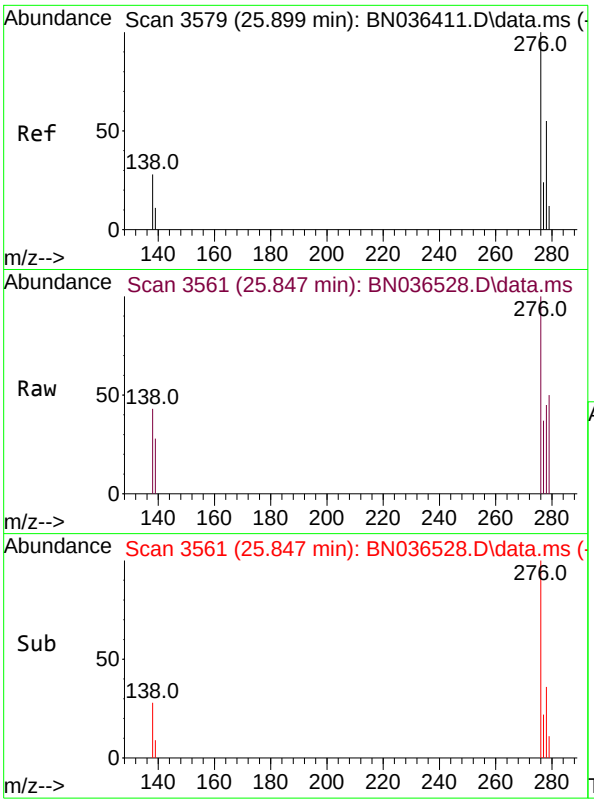


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 2777
Delta R.T. 0.003 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:264 Resp: 8798

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	66.4	60.7	91.1



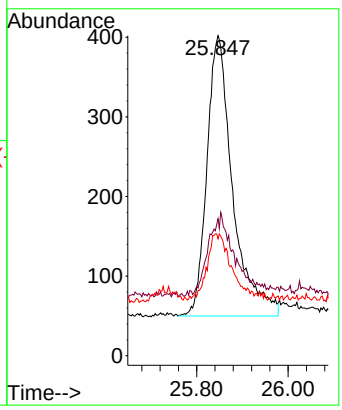


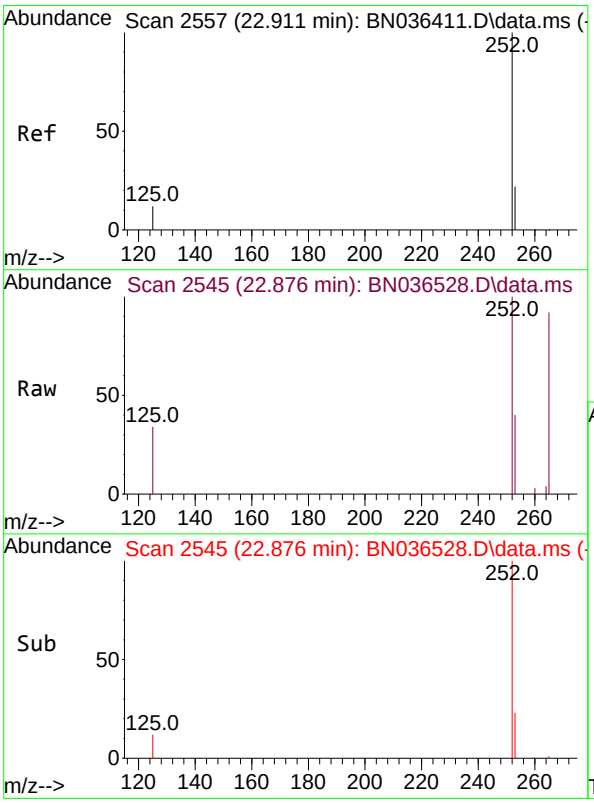
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng
RT: 25.847 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:276 Resp: 1377

Ion	Ratio	Lower	Upper
276	100		
138	27.2	22.2	33.2
277	10.3	19.8	29.6#

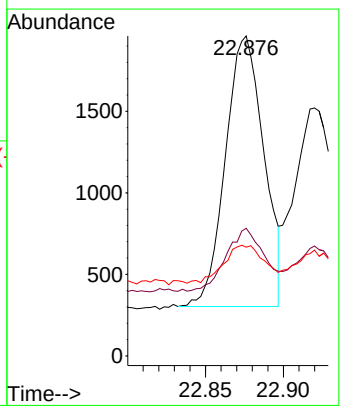


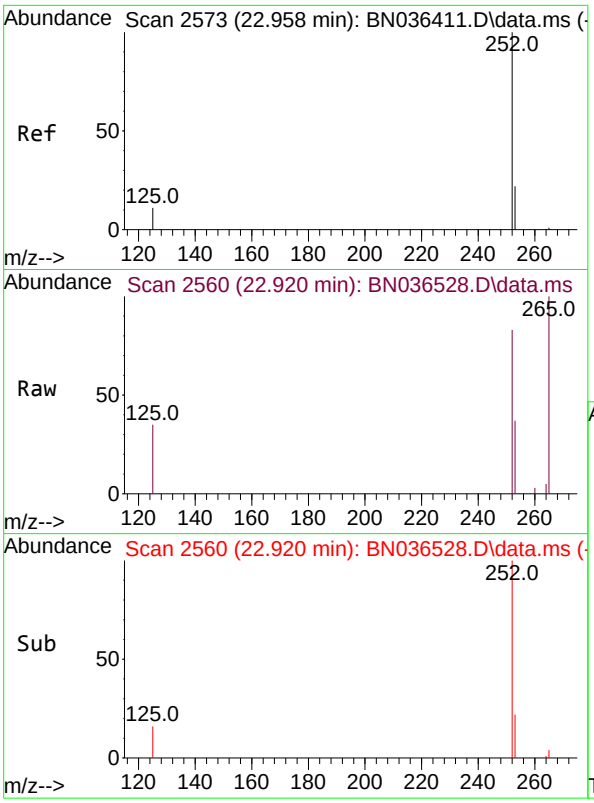


#37
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 22.876 min Scan# 2545
Delta R.T. 0.003 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:252 Resp: 2840

Ion	Ratio	Lower	Upper
252	100		
253	39.9	21.9	32.9#
125	34.0	15.0	22.6#



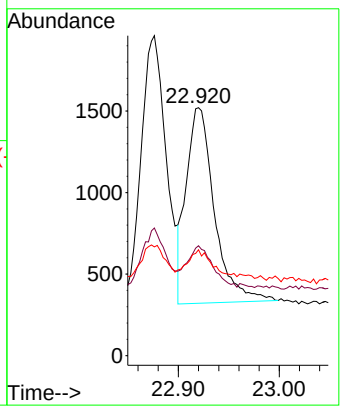


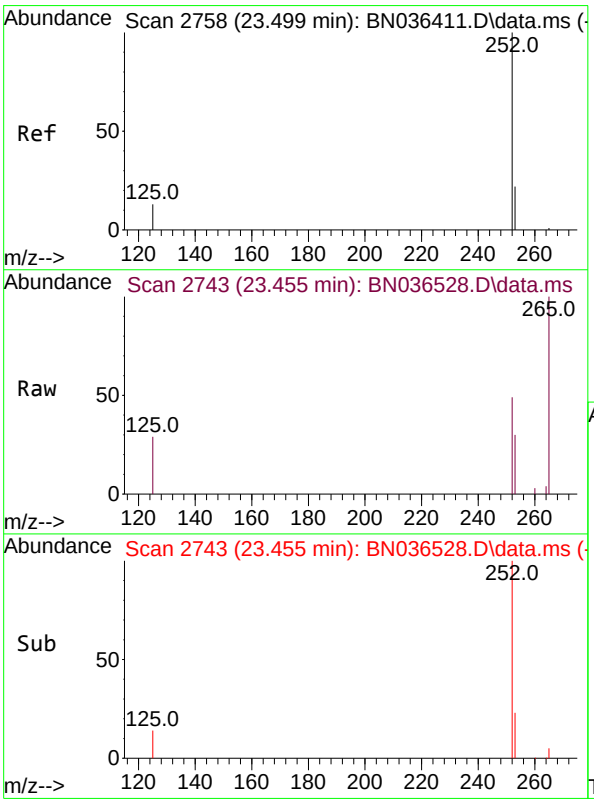
#38
Benzo(k)fluoranthene
Concen: 0.078 ng
RT: 22.920 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:252 Resp: 2332

Ion	Ratio	Lower	Upper
252	100		
253	44.3	22.2	33.4#
125	42.7	15.0	22.4#

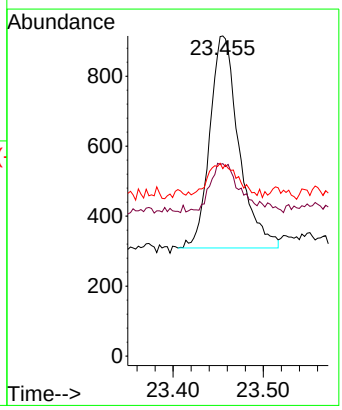


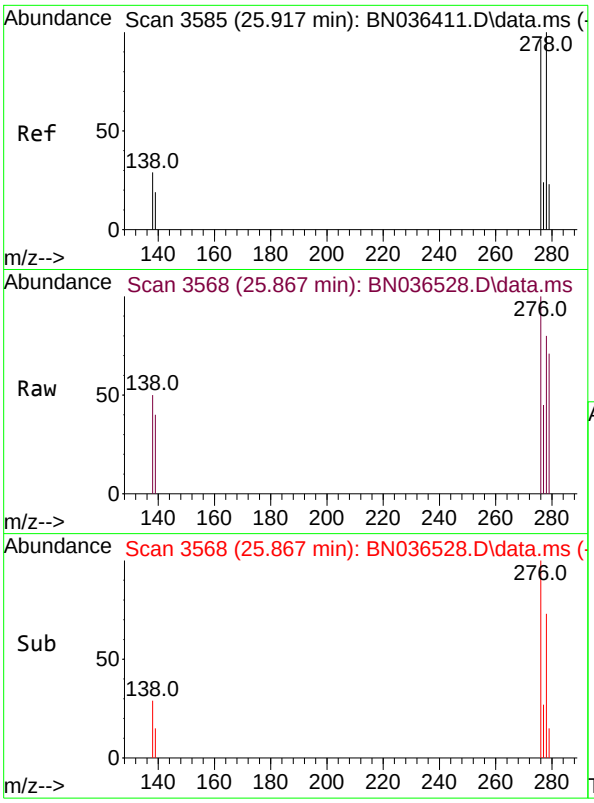


#39
Benzo(a)pyrene
Concen: 0.054 ng
RT: 23.455 min Scan# 2743
Delta R.T. 0.000 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:252 Resp: 1362

Ion	Ratio	Lower	Upper
252	100		
253	60.1	24.4	36.6#
125	58.6	18.2	27.2#



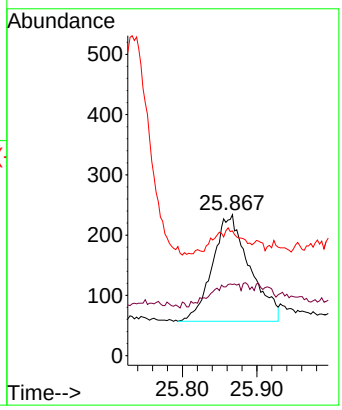


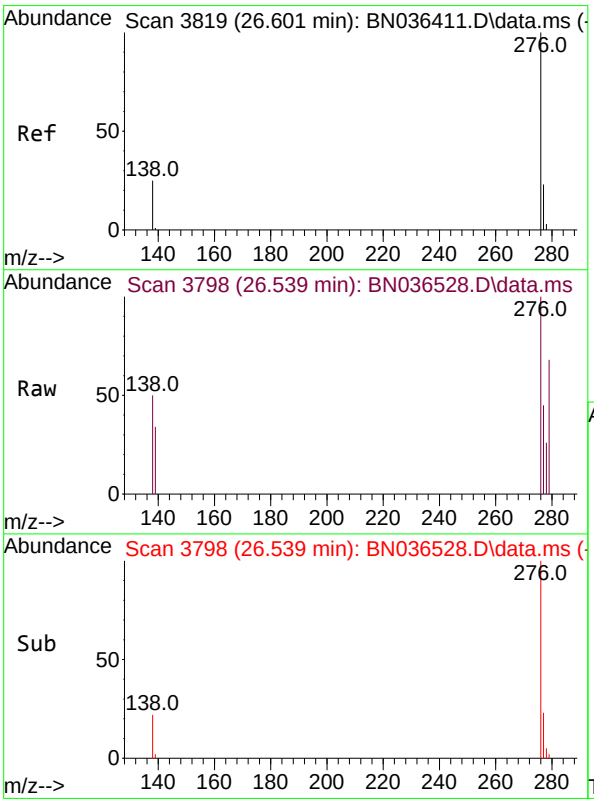
#40
Dibenzo(a,h)anthracene
Concen: 0.025 ng
RT: 25.867 min Scan# 3
Delta R.T. 0.015 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250228

Tgt Ion:278 Resp: 615

Ion	Ratio	Lower	Upper
278	100		
139	50.4	18.5	27.7#
279	88.5	24.8	37.2#





#41
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 26.539 min Scan# 3798
Delta R.T. 0.012 min
Lab File: BN036528.D
Acq: 05 Mar 2025 17:30

Tgt Ion:276 Resp: 750

Ion	Ratio	Lower	Upper
276	100		
277	44.5	20.7	31.1#
138	50.0	21.8	32.6#