Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042925\
Data File : BN036936.D
Acq On : 29 Apr 2025 13:05
Operator : RC/JU
Sample : Q1870-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
38072-010925

Quant Time: Apr 29 13:29:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1925	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	5445	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	3190	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	6294	0.400	ng	0.00
29) Chrysene-d12	21.225	240	6093	0.400	ng	0.00
35) Perylene-d12	23.427	264	4542	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	1734	0.352	ng	0.00
5) Phenol-d6	6.810	99	2400	0.396	ng	0.00
8) Nitrobenzene-d5	8.782	82	2370	0.416	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	3196	0.420	ng	0.00
14) 2,4,6-Tribromophenol	15.768	330	303	0.213	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	6365	0.413	ng	0.00
27) Fluoranthene-d10	19.063	212	7536	0.462	ng	0.00
31) Terphenyl-d14	19.663	244	5329	0.371	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.422	42	345	0.074	ng	# 19
9) Naphthalene	10.458	128	916595	57.839	ng	98
12) 2-Methylnaphthalene	12.082	142	515219	50.291	ng	99
16) Acenaphthylene	13.999	152	3723039	238.798	ng	99
17) Acenaphthene	14.342	154	1522189	148.602	ng	95
18) Fluorene	15.325	166	299838	22.381	ng	99
25) Phenanthrene	17.071	178	1651033	79.476	ng	100
26) Anthracene	17.158	178	1384185	73.661	ng	100
28) Fluoranthene	19.101	202	4394407	188.748	ng	98
30) Pyrene	19.458	202	1714365	58.420	ng	98
32) Benzo(a)anthracene	21.216	228	4066087	181.199	ng	99
33) Chrysene	21.269	228	4265016	176.238	ng	98
34) Bis(2-ethylhexyl)phtha...	21.207	149	20266	1.588	ng	# 54
36) Indeno(1,2,3-cd)pyrene	25.684	276	2815525	151.786	ng	95
37) Benzo(b)fluoranthene	22.781	252	2651471	138.833	ng	# 88
38) Benzo(k)fluoranthene	22.819	252	864365	45.004	ng	# 87
39) Benzo(a)pyrene	23.339	252	1407542	89.656	ng	# 81
40) Dibenzo(a,h)anthracene	25.684	278	699662	47.928	ng	# 88
41) Benzo(g,h,i)perylene	26.336	276	724777	44.737	ng	98

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

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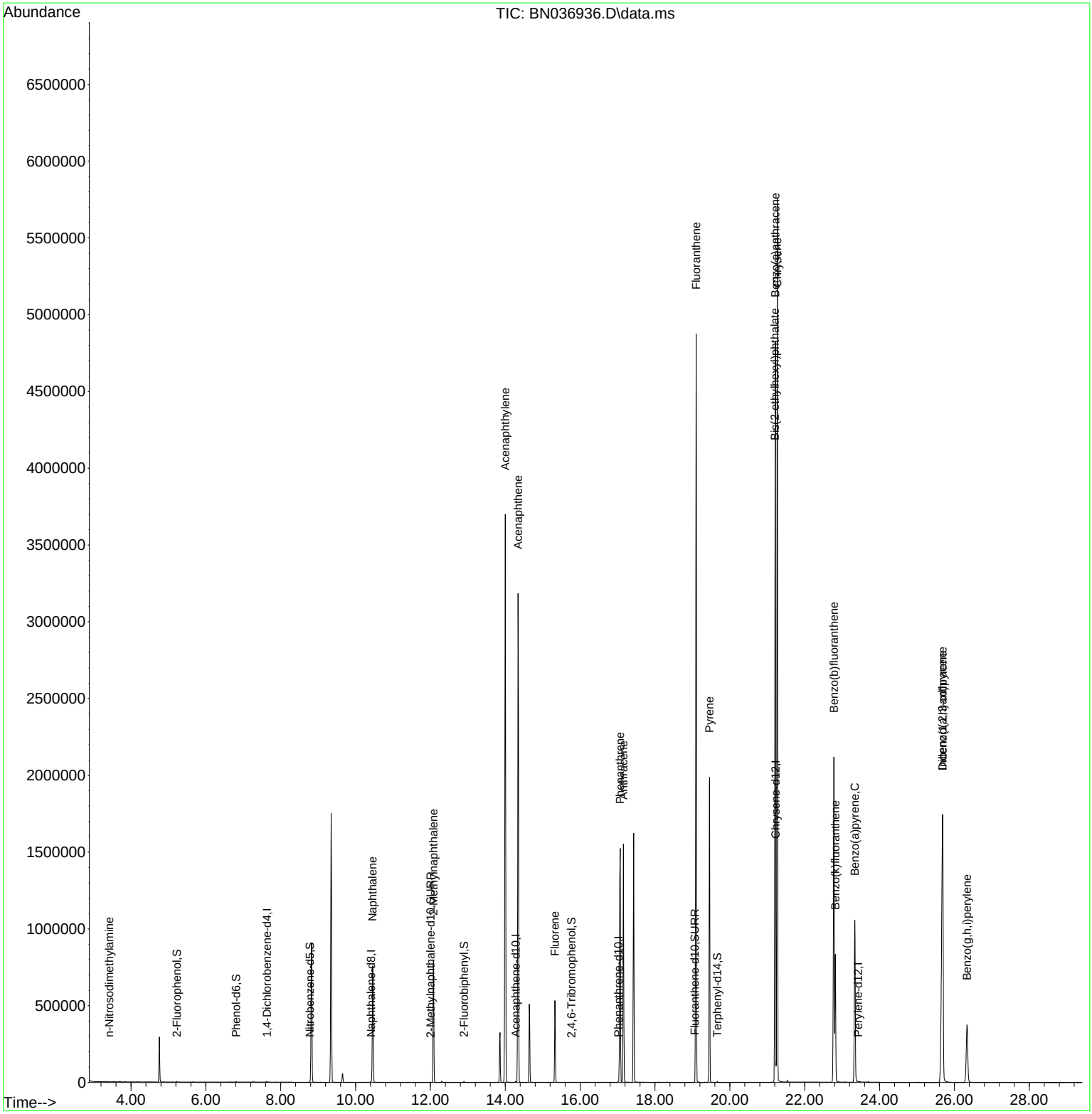
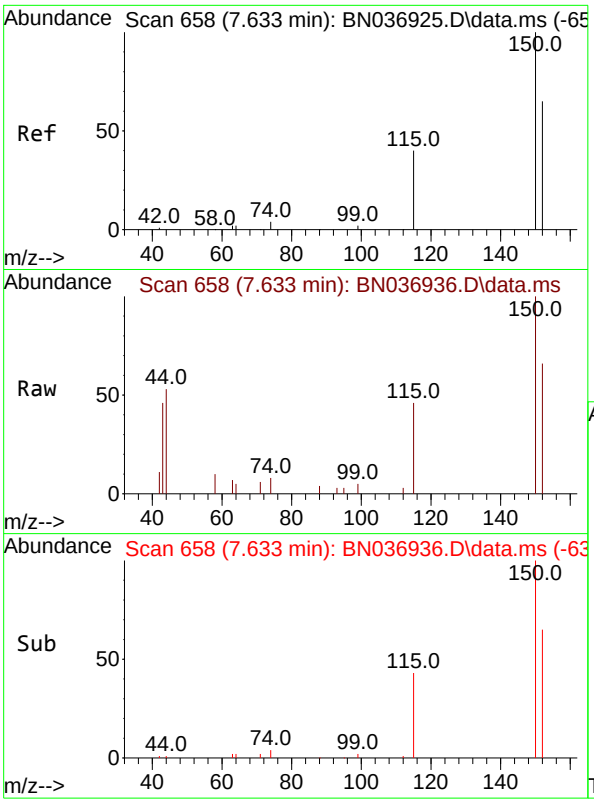


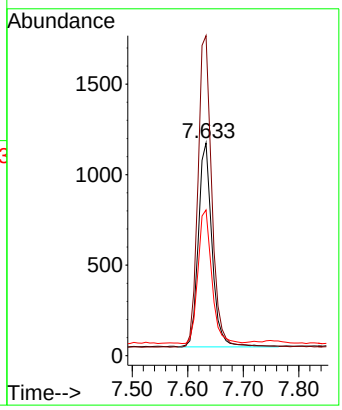


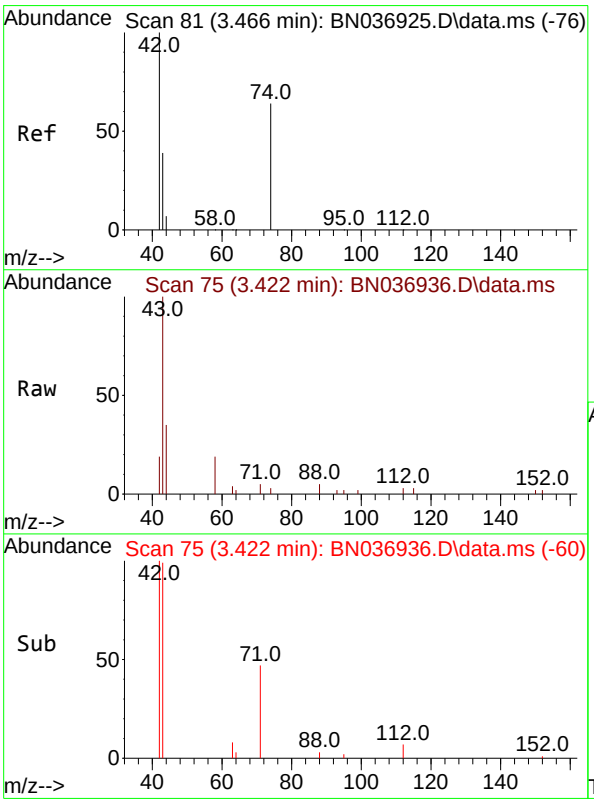
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:152 Resp: 1925

Ion	Ratio	Lower	Upper
152	100		
150	150.5	121.1	181.7
115	68.5	51.8	77.6

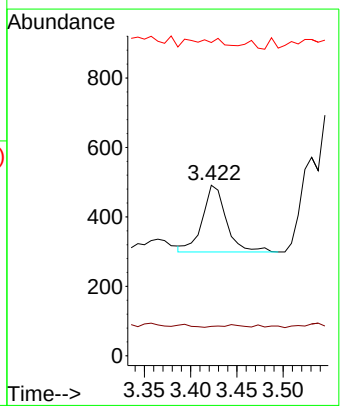


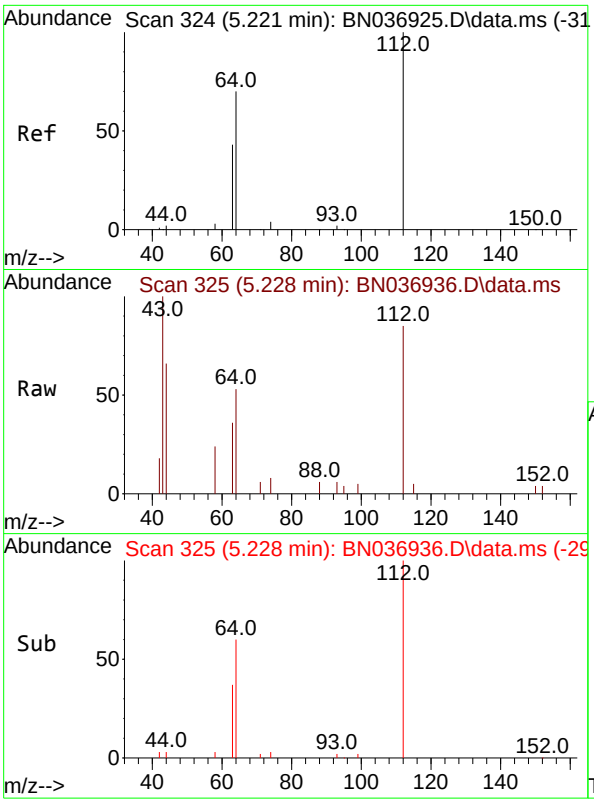


#3
n-Nitrosodimethylamine
Concen: 0.074 ng
RT: 3.422 min Scan# 75
Delta R.T. -0.043 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion: 42 Resp: 345

Ion	Ratio	Lower	Upper
42	100		
74	0.0	59.9	89.9#
44	0.0	7.5	11.3#



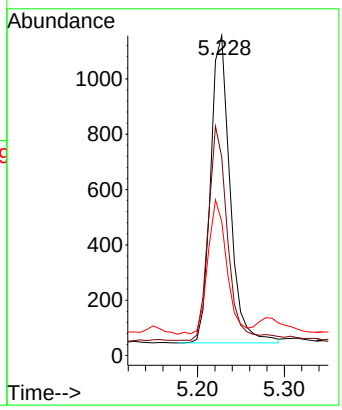


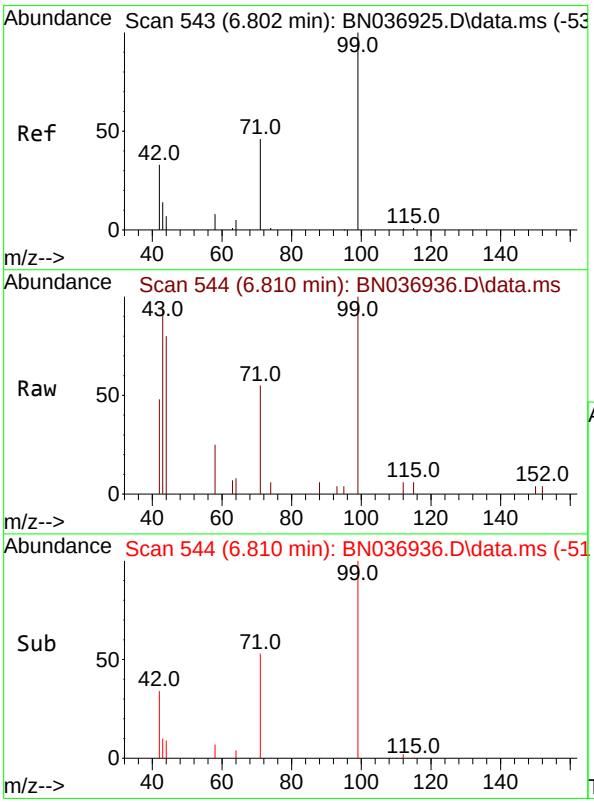
#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.228 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:112 Resp: 1734

Ion	Ratio	Lower	Upper
112	100		
64	70.9	55.7	83.5
63	42.2	33.9	50.9

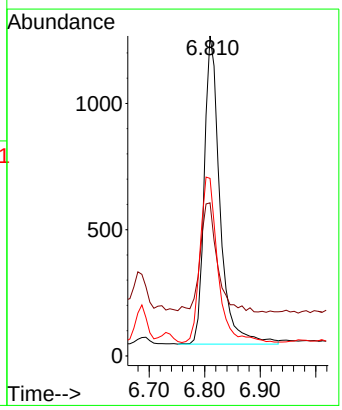


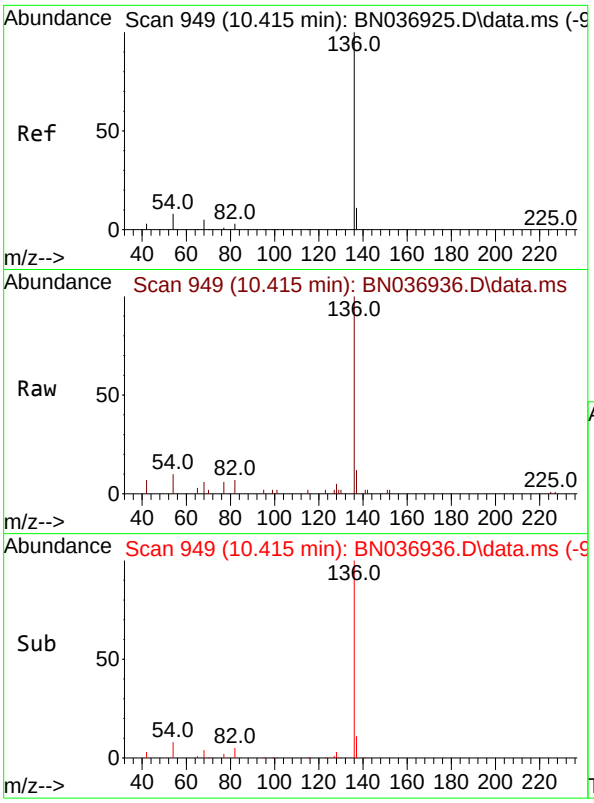


#5
Phenol-d6
Concen: 0.396 ng
RT: 6.810 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion: 99 Resp: 2400

Ion	Ratio	Lower	Upper
99	100		
42	38.9	29.6	44.4
71	61.0	36.0	54.0#



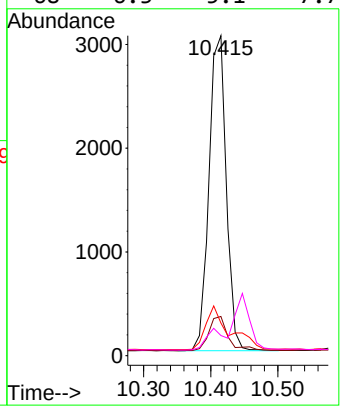


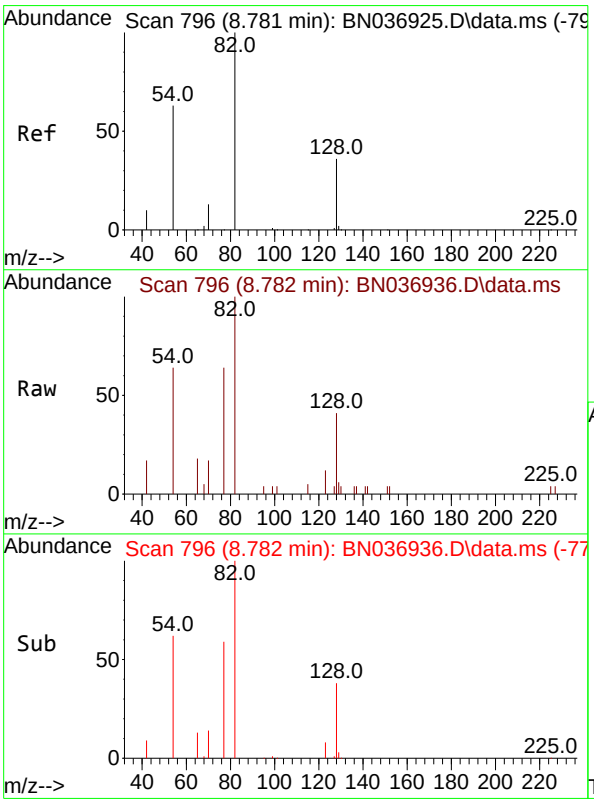
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:136 Resp: 5445

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	10.2	8.0	12.0
68	6.3	5.1	7.7

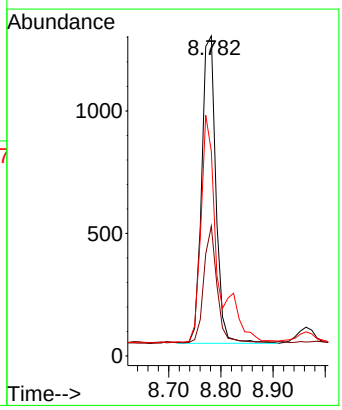


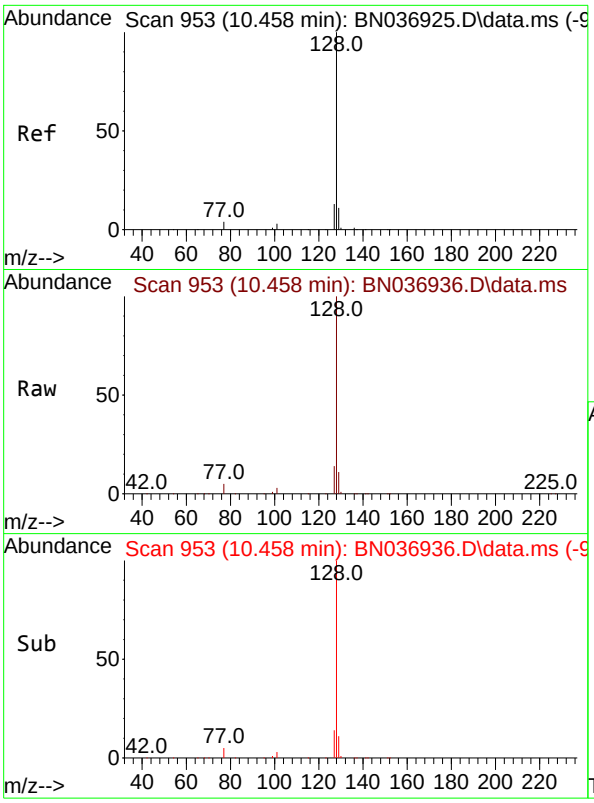


#8
Nitrobenzene-d5
Concen: 0.416 ng
RT: 8.782 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion: 82 Resp: 2370

Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.7	46.1
54	64.0	52.1	78.1



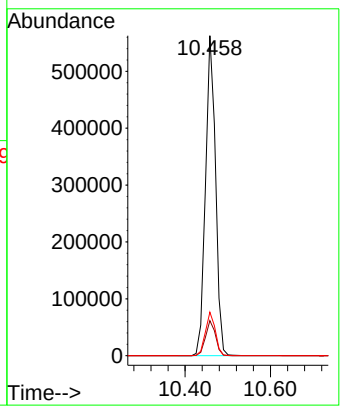


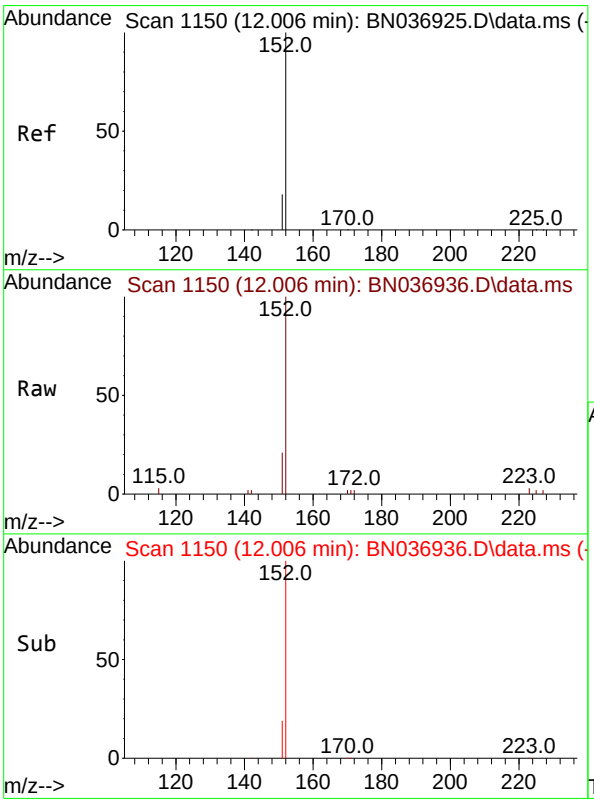
#9
Naphthalene
Concen: 57.839 ng
RT: 10.458 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:128 Resp: 916595

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.6	11.4	17.2

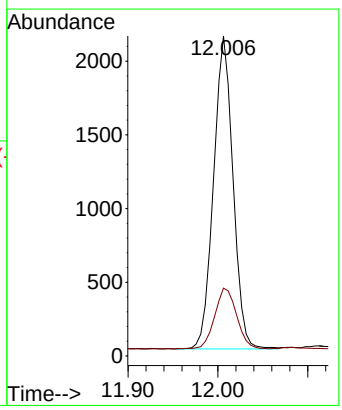


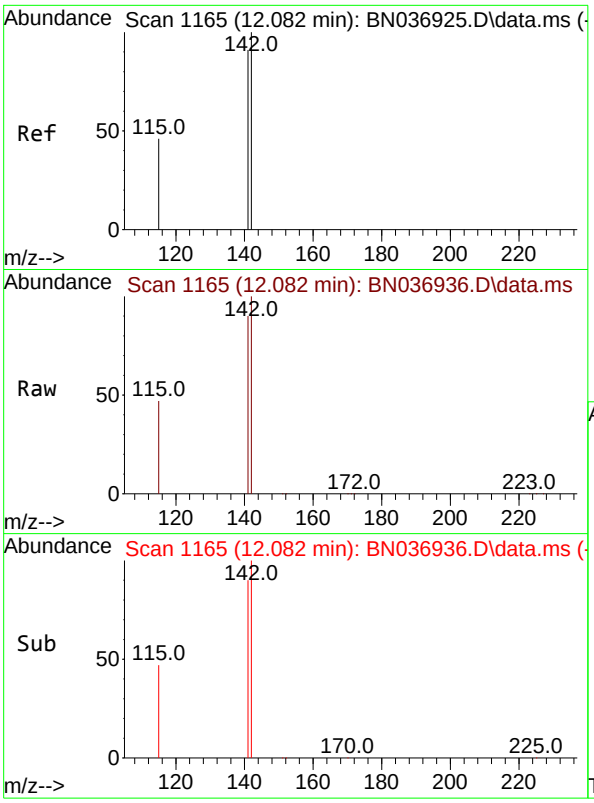


#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 12.006 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:152 Resp: 3196

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.9	25.3



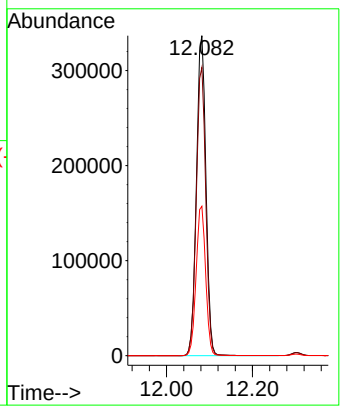


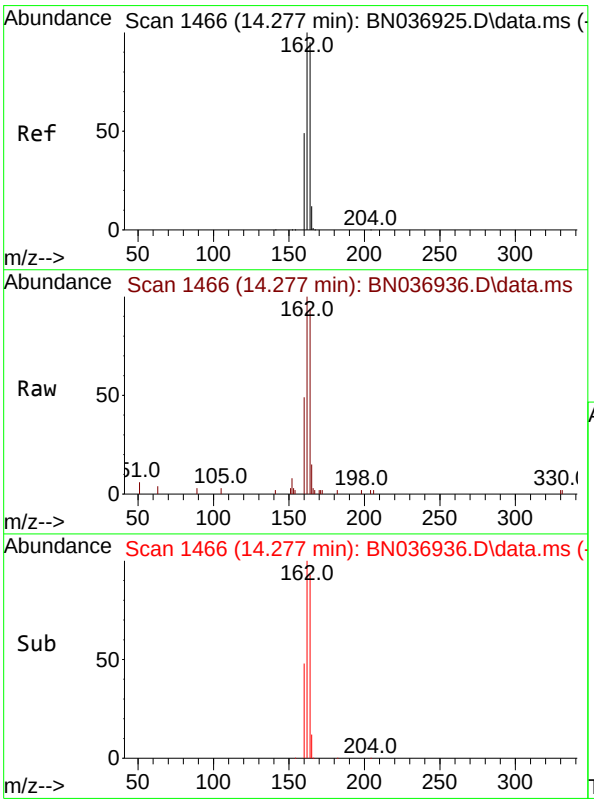
#12
2-Methylnaphthalene
Concen: 50.291 ng
RT: 12.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:142 Resp: 515219

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.8	109.2
115	46.7	38.2	57.4

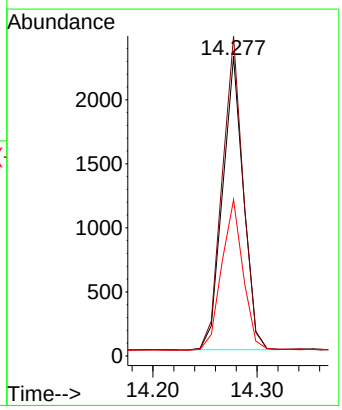


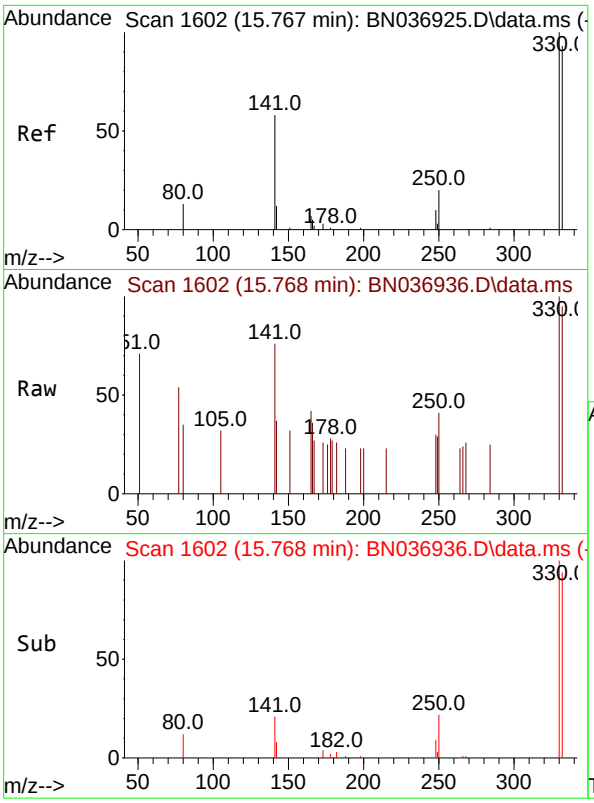


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:164 Resp: 3190

Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.8	125.8
160	52.1	42.0	63.0



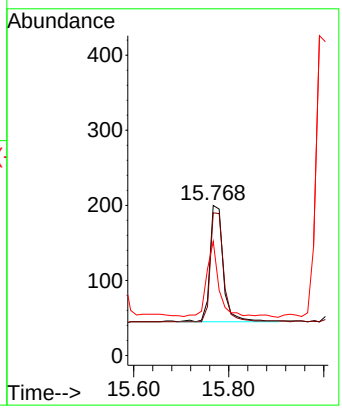


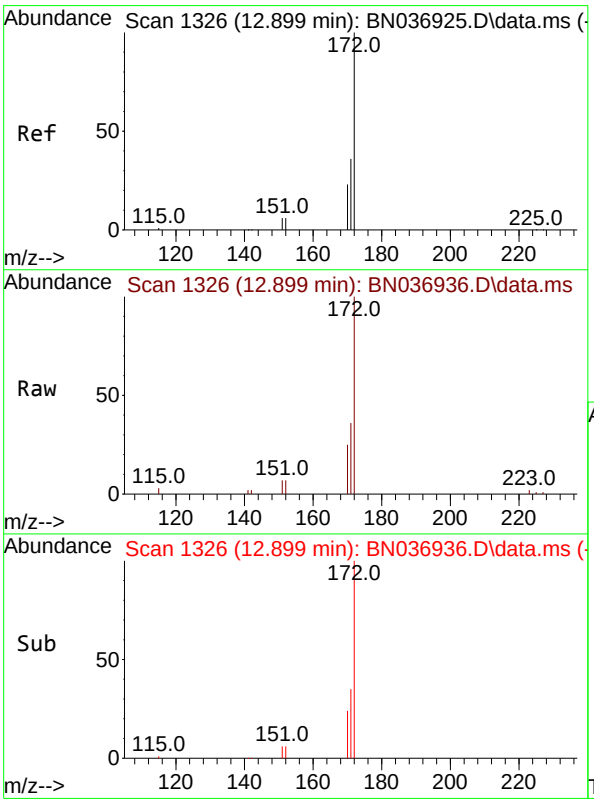
#14
2,4,6-Tribromophenol
Concen: 0.213 ng
RT: 15.768 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:330 Resp: 303

Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.3	114.5
141	57.8	45.4	68.2

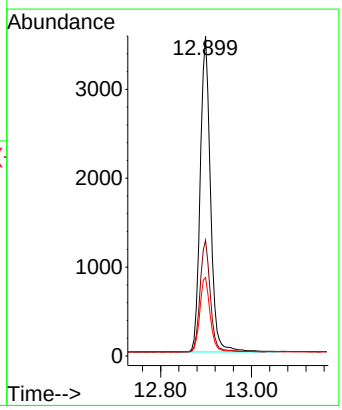


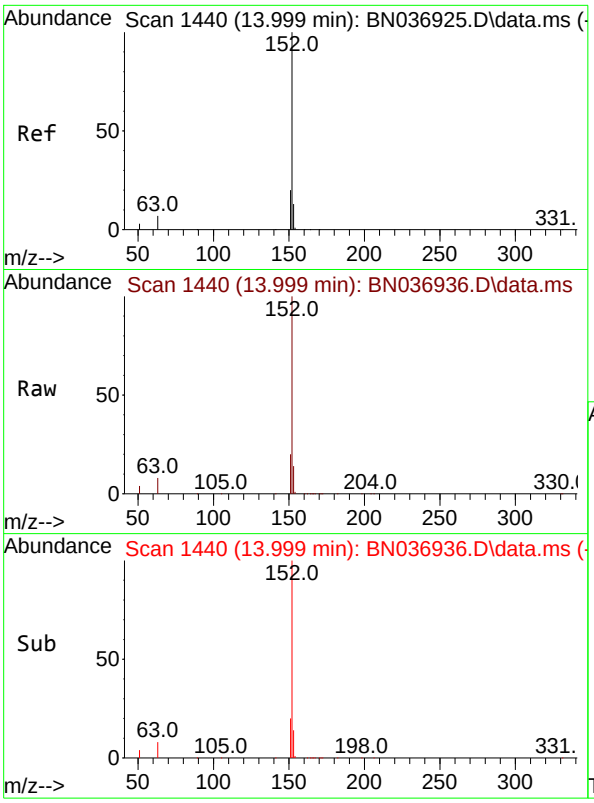


#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.899 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:172 Resp: 6365

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.5	19.4	29.0



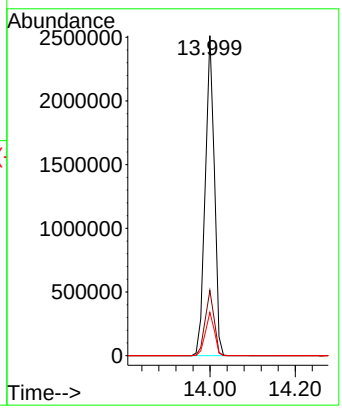


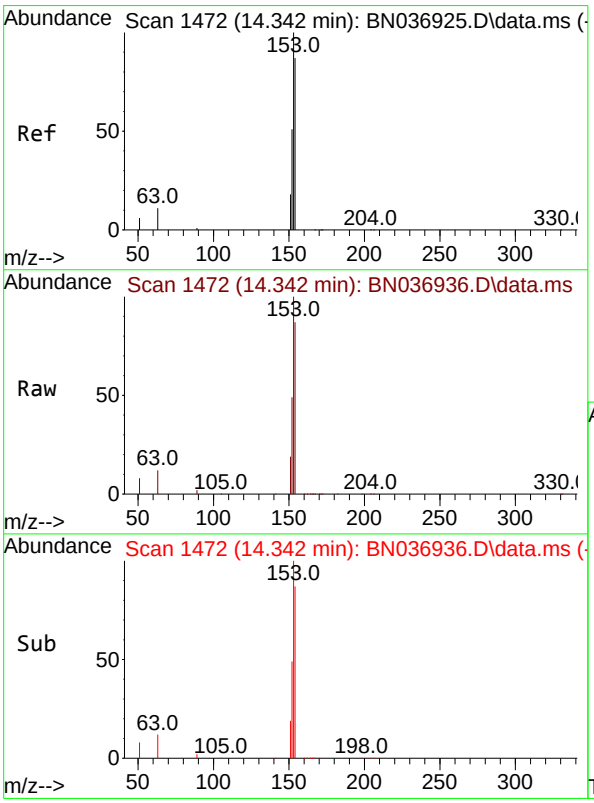
#16
Acenaphthylene
Concen: 238.798 ng
RT: 13.999 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:152 Resp: 3723039

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.5	10.2	15.2

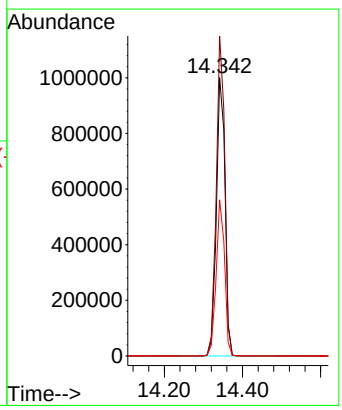


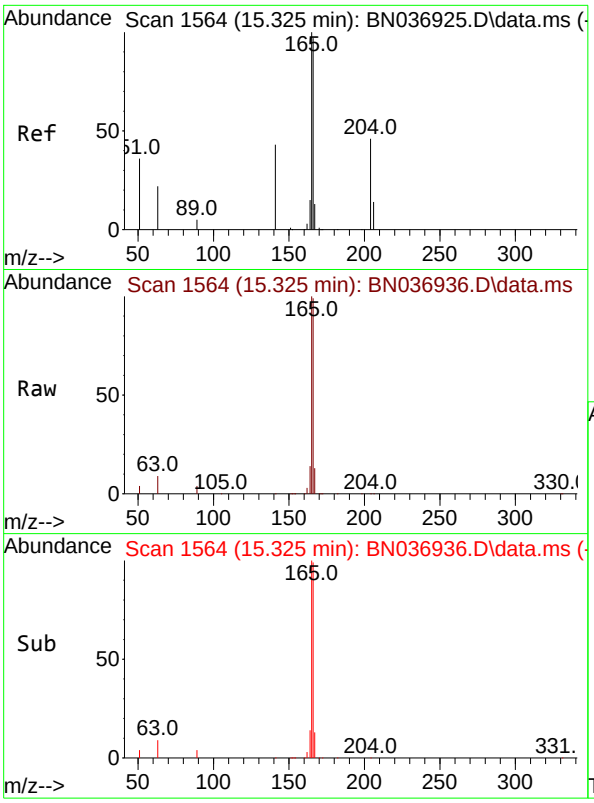


#17
Acenaphthene
Concen: 148.602 ng
RT: 14.342 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:154 Resp: 1522189

Ion	Ratio	Lower	Upper
154	100		
153	113.7	93.4	140.2
152	55.1	49.5	74.3



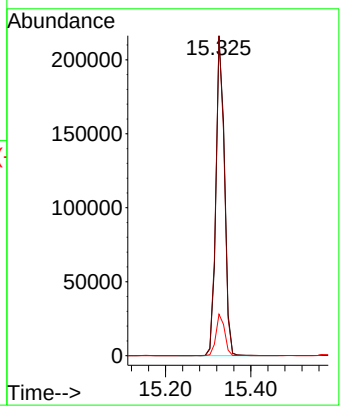


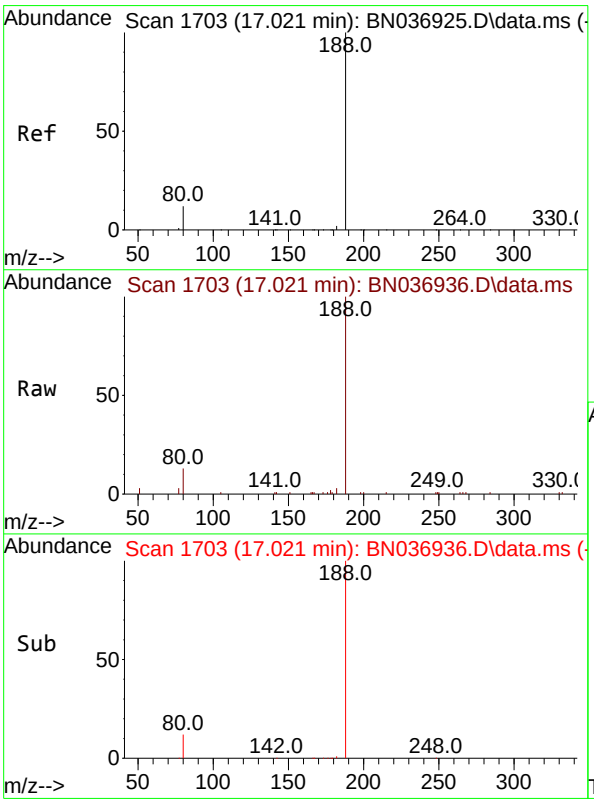
#18
Fluorene
Concen: 22.381 ng
RT: 15.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:166 Resp: 299838

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.8	121.2
167	13.2	10.8	16.2

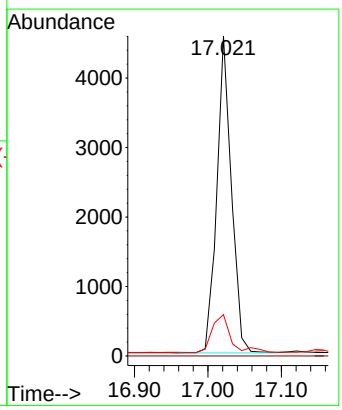


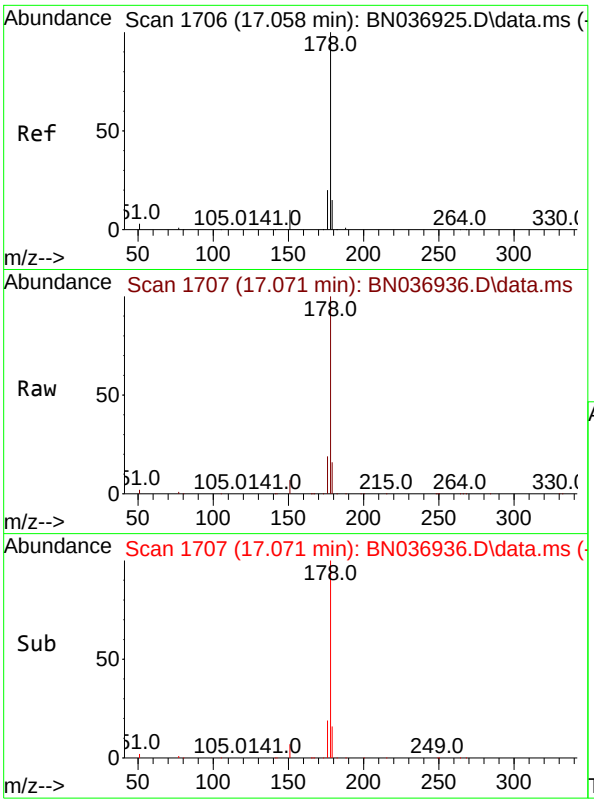


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:188 Resp: 6294

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	10.7	16.1



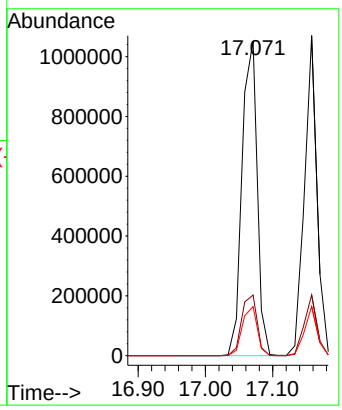


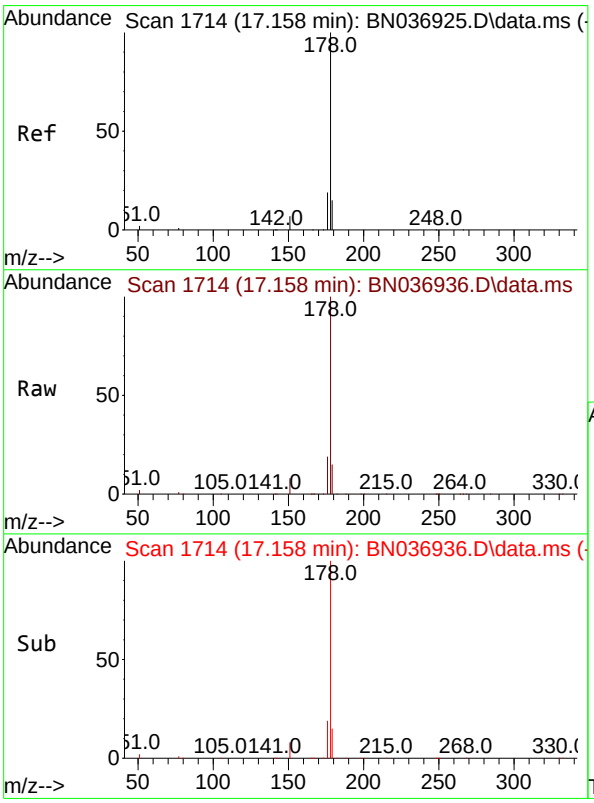
#25
Phenanthrene
Concen: 79.476 ng
RT: 17.071 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:178 Resp: 1651033

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.4	12.4	18.6

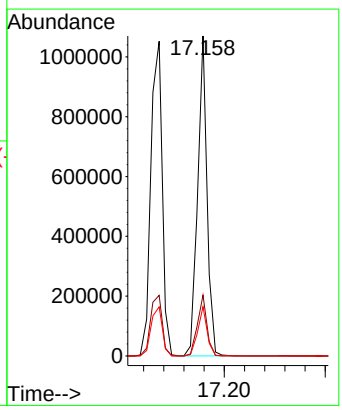


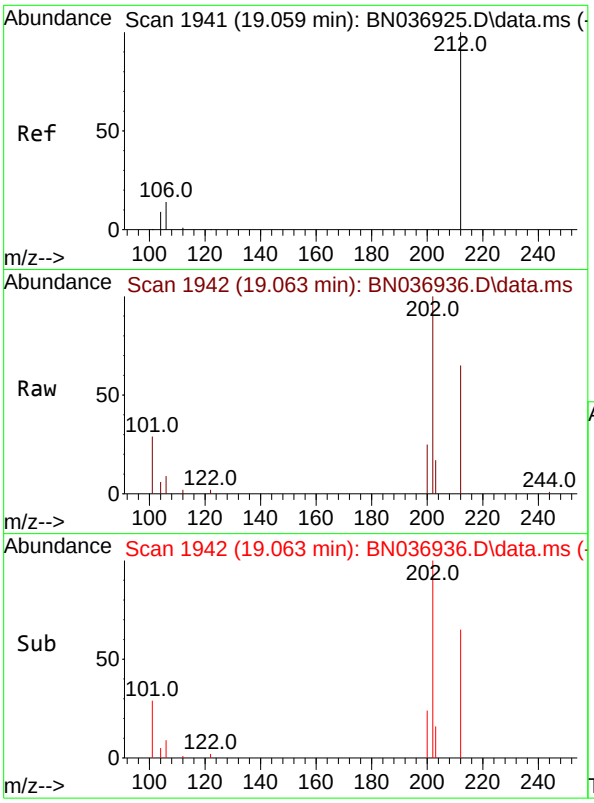


#26
Anthracene
Concen: 73.661 ng
RT: 17.158 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:178 Resp: 1384185

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.3	12.1	18.1





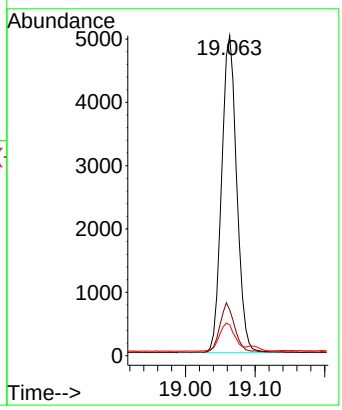
#27
Fluoranthene-d10
Concen: 0.462 ng
RT: 19.063 min Scan# 1

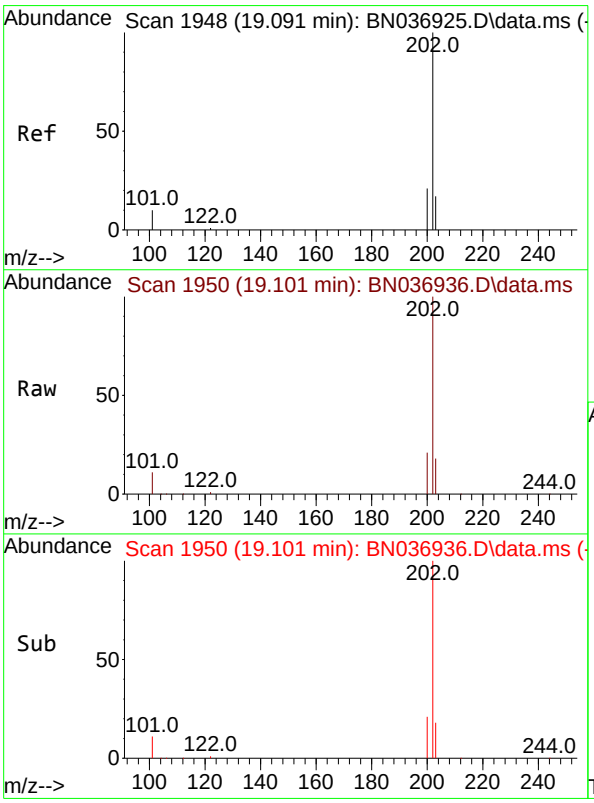
Instrument :
BNA_N
ClientSampleId :
38072-010925

Delta R.T. 0.005 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:212 Resp: 7536

Ion	Ratio	Lower	Upper
212	100		
106	15.2	11.6	17.4
104	9.2	7.0	10.4

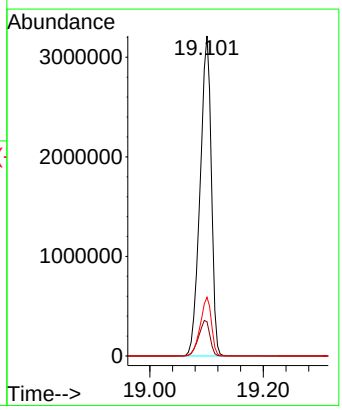


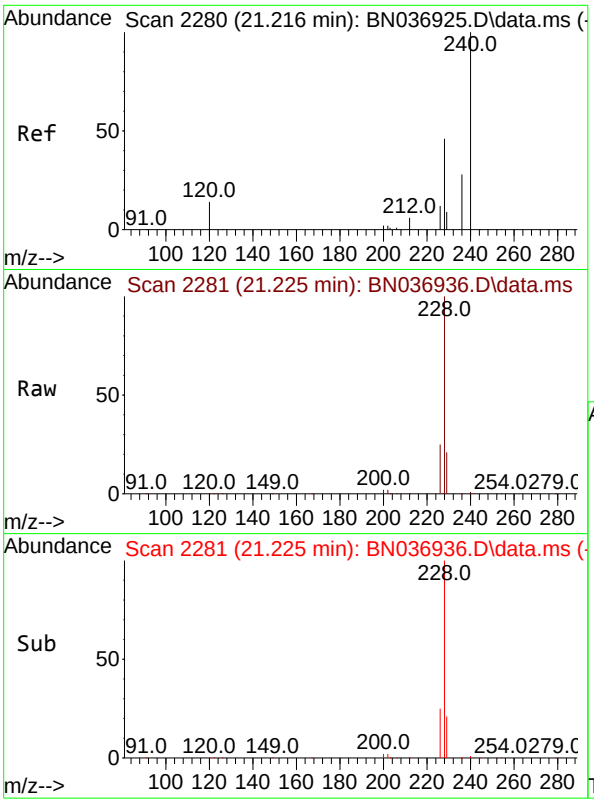


#28
Fluoranthene
Concen: 188.748 ng
RT: 19.101 min Scan# 1950
Delta R.T. 0.009 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:202 Resp: 4394407

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.5	12.7
203	18.2	13.7	20.5



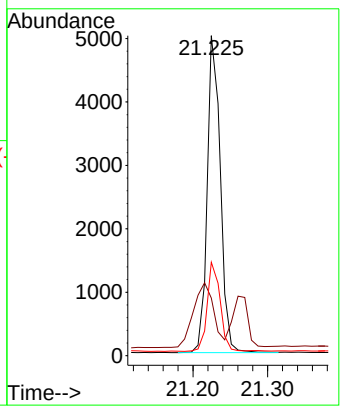


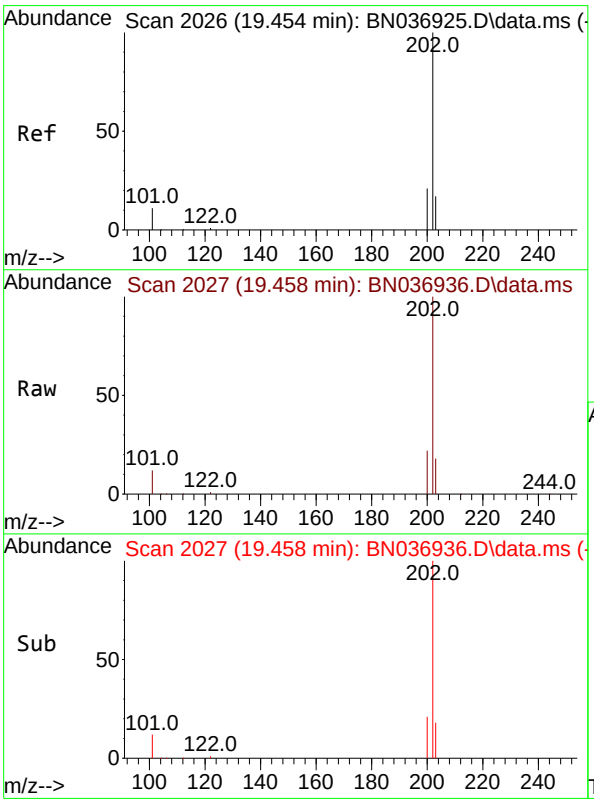
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.225 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:240 Resp: 6093

Ion	Ratio	Lower	Upper
240	100		
120	18.0	14.1	21.1
236	29.2	23.8	35.8

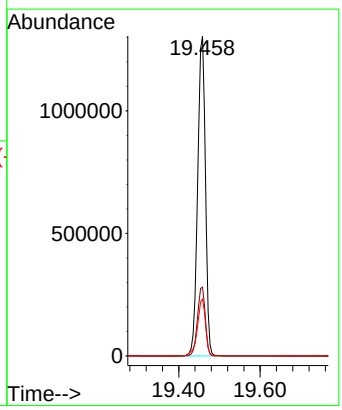


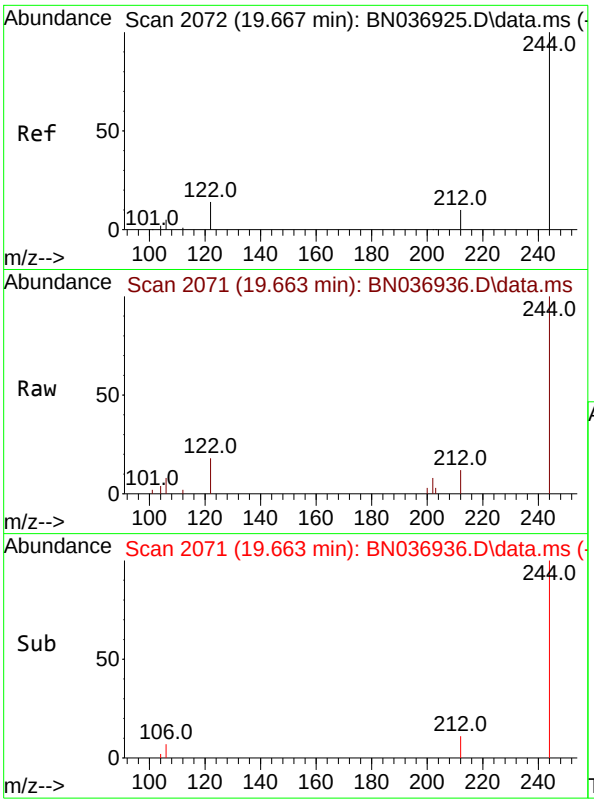


#30
Pyrene
Concen: 58.420 ng
RT: 19.458 min Scan# 2027
Delta R.T. 0.005 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:202 Resp: 1714365

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	18.6	14.0	21.0



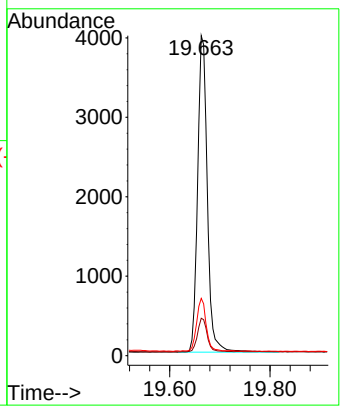


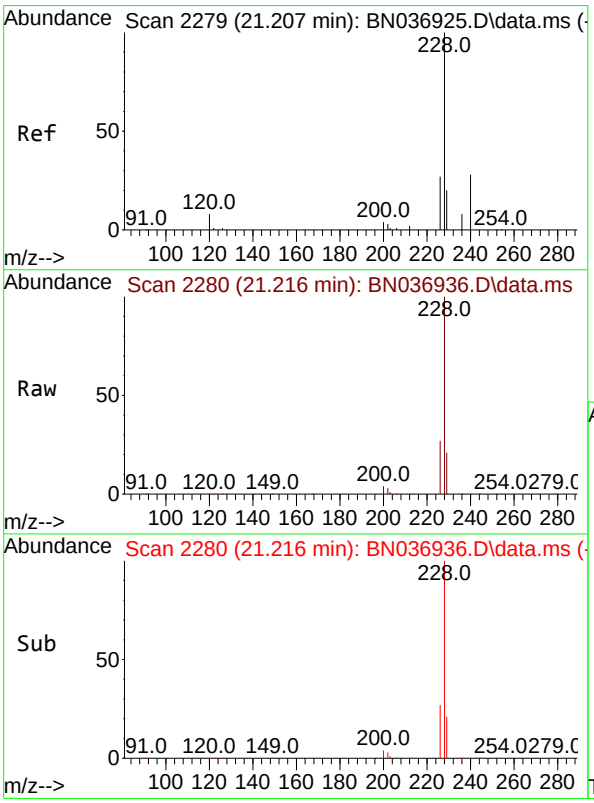
#31
Terphenyl-d14
Concen: 0.371 ng
RT: 19.663 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:244 Resp: 5329

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.6	14.4
122	17.9	12.7	19.1

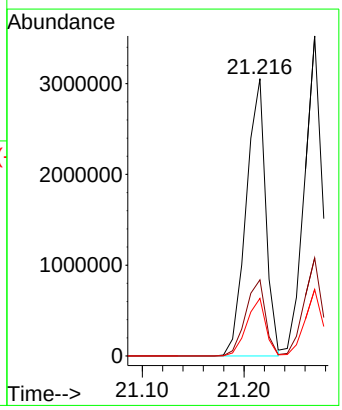


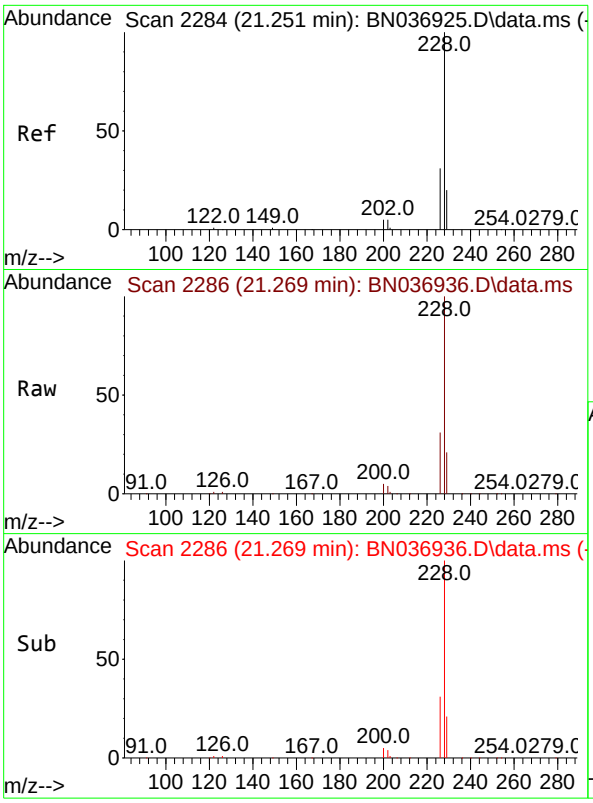


#32
Benzo(a)anthracene
Concen: 181.199 ng
RT: 21.216 min Scan# 2280
Delta R.T. 0.009 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:228 Resp: 4066087

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.8	16.4	24.6



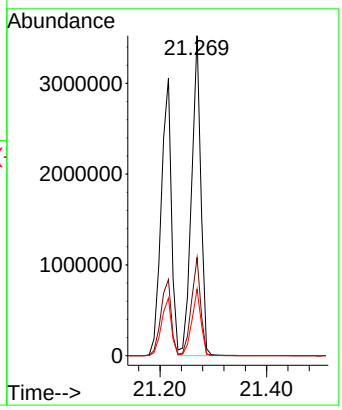


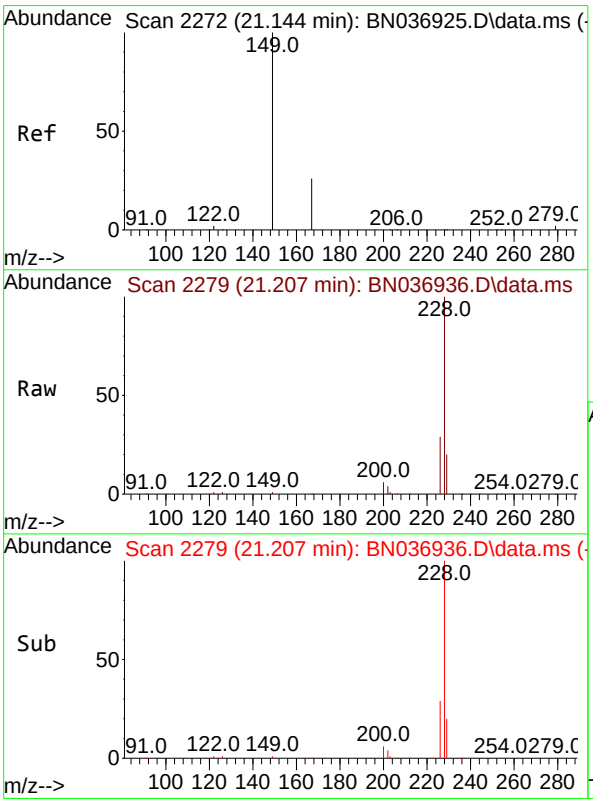
#33
Chrysene
Concen: 176.238 ng
RT: 21.269 min Scan# 2
Delta R.T. 0.018 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:228 Resp: 4265016

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.5	38.3
229	20.8	16.5	24.7

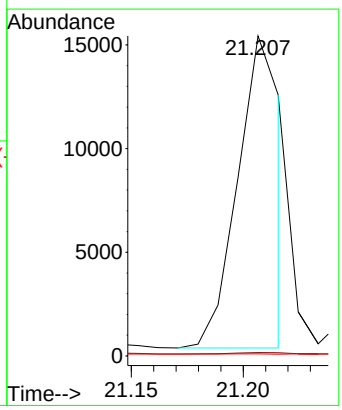


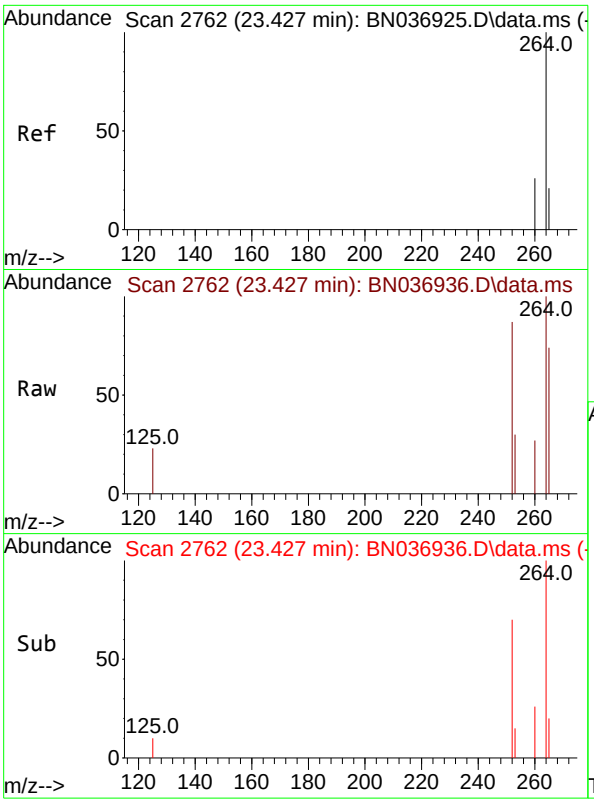


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.588 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.063 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:149 Resp: 20266

Ion	Ratio	Lower	Upper
149	100		
167	0.5	21.0	31.6#
279	0.1	2.7	4.1#



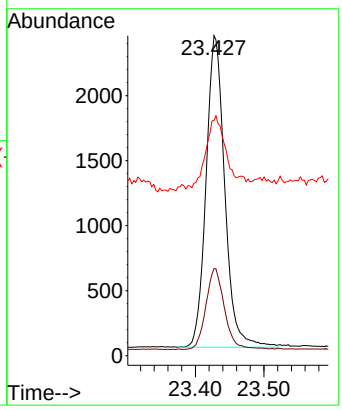


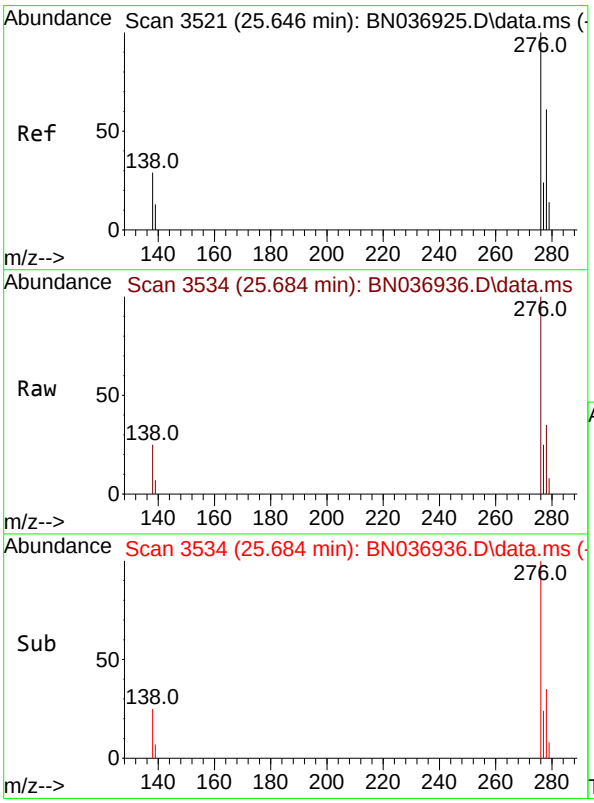
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:264 Resp: 4542

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.2	33.2
265	73.5	65.8	98.6

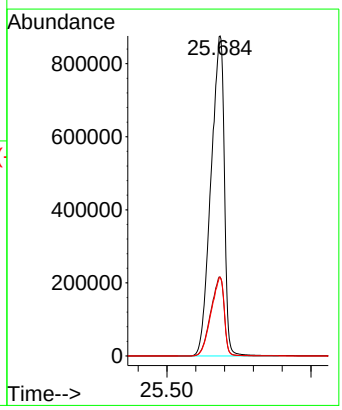


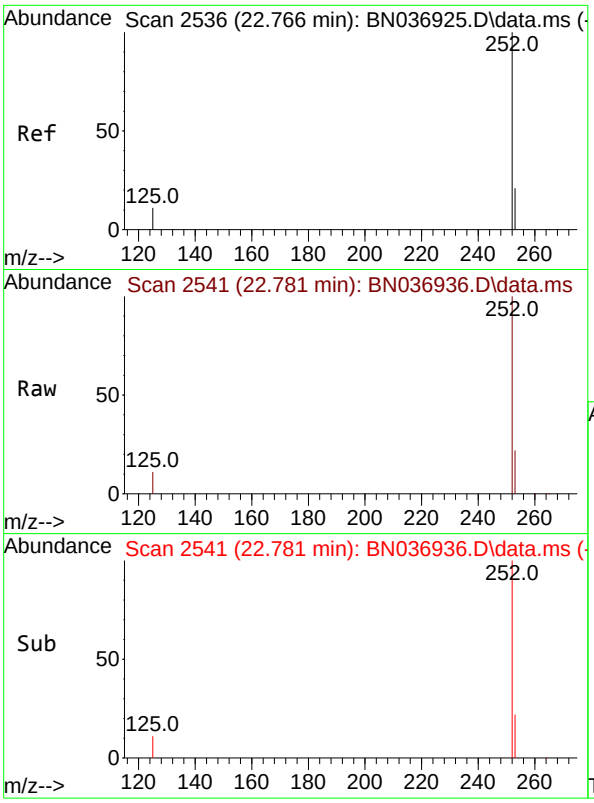


#36
Indeno(1,2,3-cd)pyrene
Concen: 151.786 ng
RT: 25.684 min Scan# 3534
Delta R.T. 0.038 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:276 Resp: 2815525

Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.0	34.6
277	24.3	20.0	30.0



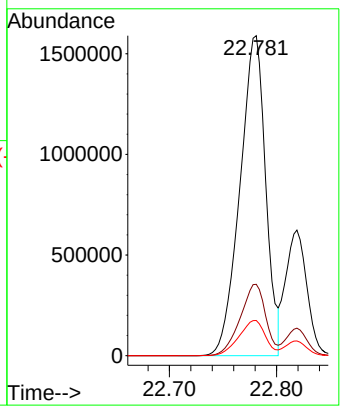


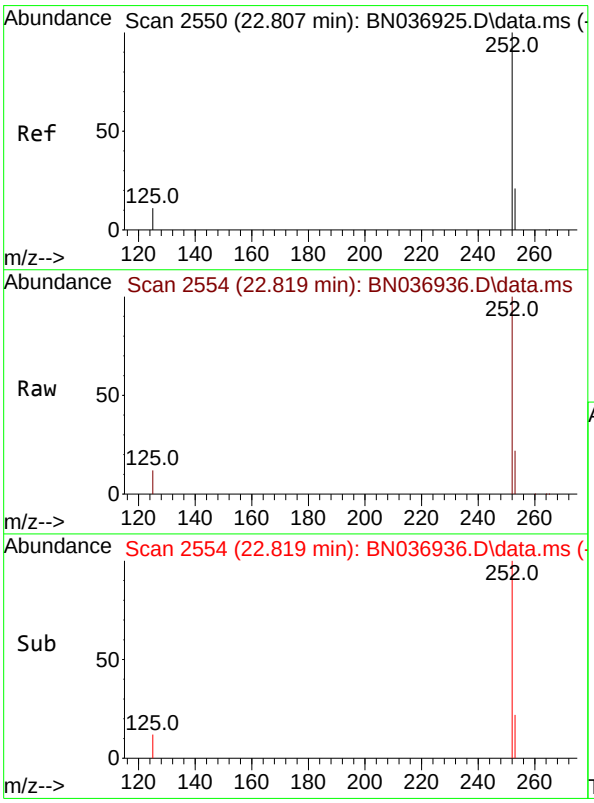
#37
Benzo(b)fluoranthene
Concen: 138.833 ng
RT: 22.781 min Scan# 2
Delta R.T. 0.015 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:252 Resp: 2651471

Ion	Ratio	Lower	Upper
252	100		
253	22.3	22.1	33.1
125	11.0	14.2	21.2#

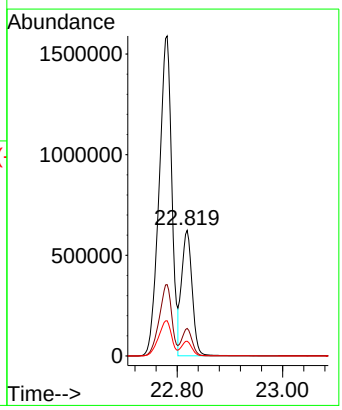


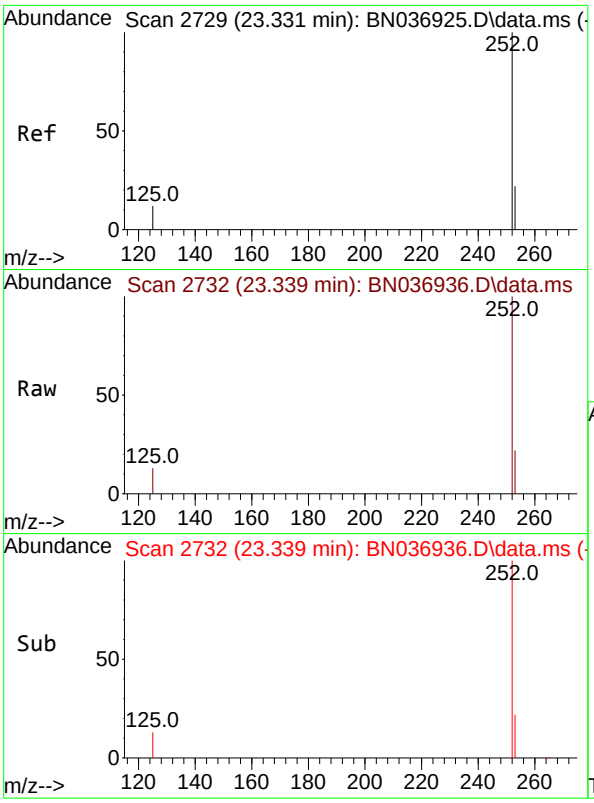


#38
Benzo(k)fluoranthene
Concen: 45.004 ng
RT: 22.819 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:252 Resp: 864365

Ion	Ratio	Lower	Upper
252	100		
253	21.9	22.8	34.2#
125	11.7	14.2	21.2#



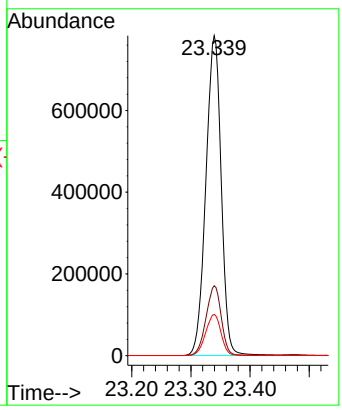


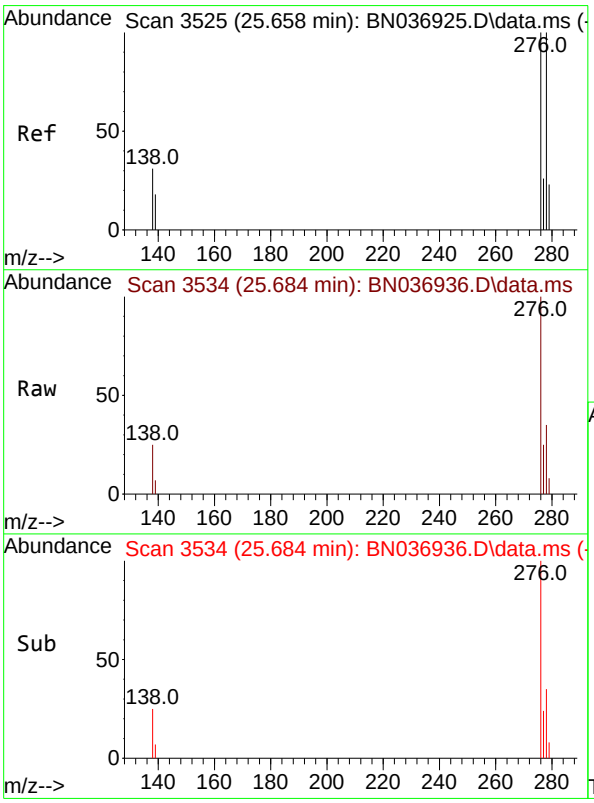
#39
Benzo(a)pyrene
Concen: 89.656 ng
RT: 23.339 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:252 Resp: 1407542

Ion	Ratio	Lower	Upper
252	100		
253	21.9	25.9	38.9#
125	12.9	17.4	26.0#

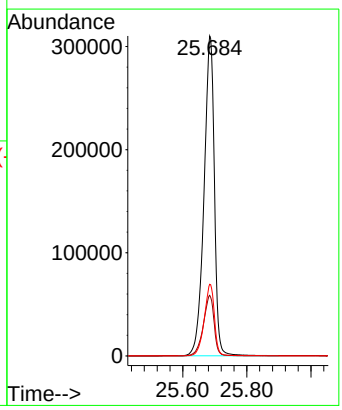


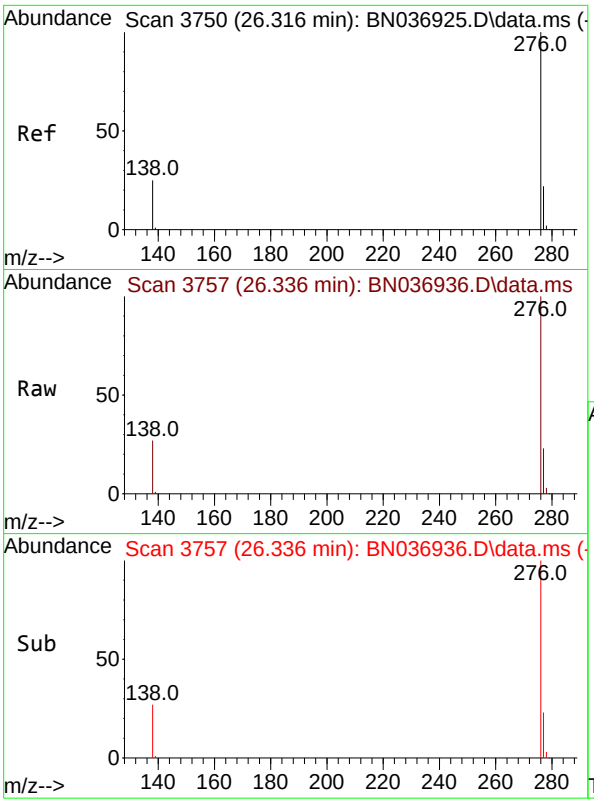


#40
Dibenzo(a,h)anthracene
Concen: 47.928 ng
RT: 25.684 min Scan# 3534
Delta R.T. 0.026 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Tgt Ion:278 Resp: 699662

Ion	Ratio	Lower	Upper
278	100		
139	19.0	17.4	26.2
279	22.4	24.9	37.3#





#41
Benzo(g,h,i)perylene
Concen: 44.737 ng
RT: 26.336 min Scan# 3
Delta R.T. 0.020 min
Lab File: BN036936.D
Acq: 29 Apr 2025 13:05

Instrument :
BNA_N
ClientSampleId :
38072-010925

Tgt Ion:276 Resp: 724777

Ion	Ratio	Lower	Upper
276	100		
277	23.4	20.2	30.2
138	26.7	21.9	32.9