Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036874.D
Acq On : 11 Apr 2025 12:37
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Apr 11 15:35:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 15:32:59 2025
Response via : Initial Calibration

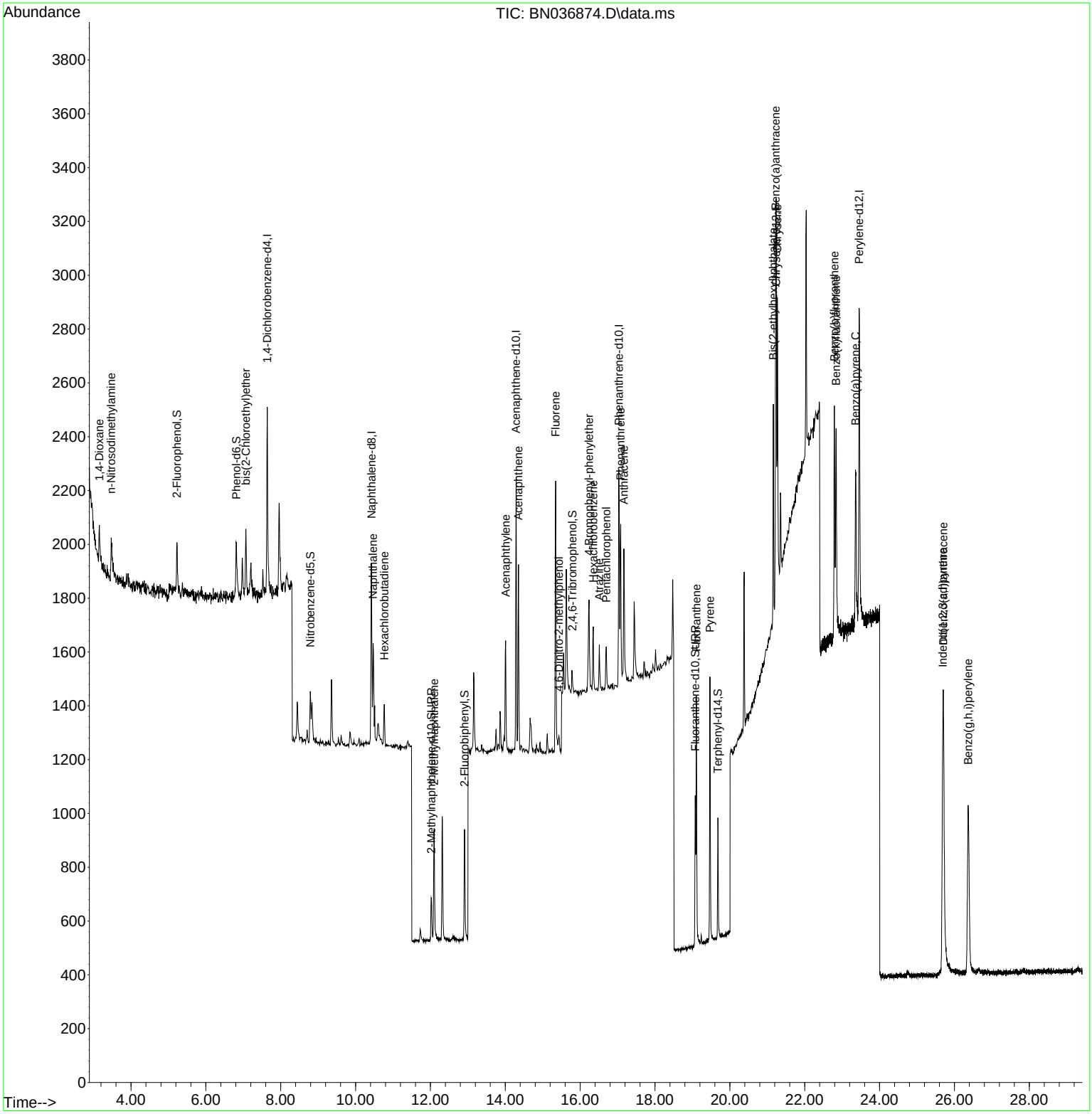
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	357	0.400	ng		0.00
7) Naphthalene-d8	10.426	136	936	0.400	ng		0.00
13) Acenaphthene-d10	14.288	164	543	0.400	ng		0.00
19) Phenanthrene-d10	17.033	188	1263	0.400	ng		0.00
29) Chrysene-d12	21.233	240	1230	0.400	ng	#	0.00
35) Perylene-d12	23.456	264	1607	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	168	0.198	ng		0.00
5) Phenol-d6	6.817	99	214	0.198	ng		0.00
8) Nitrobenzene-d5	8.792	82	205	0.195	ng		0.00
11) 2-Methylnaphthalene-d10	12.021	152	264	0.193	ng		0.00
14) 2,4,6-Tribromophenol	15.792	330	51	0.194	ng		0.01
15) 2-Fluorobiphenyl	12.914	172	505	0.192	ng		0.00
27) Fluoranthene-d10	19.077	212	669	0.189	ng		0.00
31) Terphenyl-d14	19.681	244	462	0.196	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	105	0.249	ng		99
3) n-Nitrosodimethylamine	3.473	42	195	0.210	ng	#	92
6) bis(2-Chloroethyl)ether	7.069	93	184	0.172	ng		85
9) Naphthalene	10.468	128	534	0.196	ng	#	78
10) Hexachlorobutadiene	10.767	225	122	0.196	ng	#	97
12) 2-Methylnaphthalene	12.097	142	329	0.189	ng		95
16) Acenaphthylene	14.010	152	491	0.195	ng		99
17) Acenaphthene	14.352	154	319	0.194	ng		99
18) Fluorene	15.346	166	461	0.203	ng		94
20) 4,6-Dinitro-2-methylph...	15.432	198	53	0.179	ng	#	56
21) 4-Bromophenyl-phenylether	16.239	248	145	0.191	ng		91
22) Hexachlorobenzene	16.351	284	185	0.204	ng		97
23) Atrazine	16.512	200	147	0.196	ng	#	67
24) Pentachlorophenol	16.698	266	97	0.207	ng		93
25) Phenanthrene	17.083	178	690	0.182	ng		99
26) Anthracene	17.170	178	631	0.188	ng		96
28) Fluoranthene	19.105	202	887	0.187	ng		99
30) Pyrene	19.468	202	930	0.199	ng		98
32) Benzo(a)anthracene	21.224	228	843	0.195	ng		93
33) Chrysene	21.269	228	964	0.200	ng		94
34) Bis(2-ethylhexyl)phtha...	21.162	149	736	0.225	ng		97
36) Indeno(1,2,3-cd)pyrene	25.693	276	1449	0.189	ng	#	84
37) Benzo(b)fluoranthene	22.793	252	1027	0.181	ng	#	75
38) Benzo(k)fluoranthene	22.836	252	1046	0.183	ng	#	71
39) Benzo(a)pyrene	23.357	252	927	0.186	ng	#	67
40) Dibenzo(a,h)anthracene	25.702	278	1138	0.188	ng	#	77
41) Benzo(g,h,i)perylene	26.368	276	1344	0.195	ng	#	90

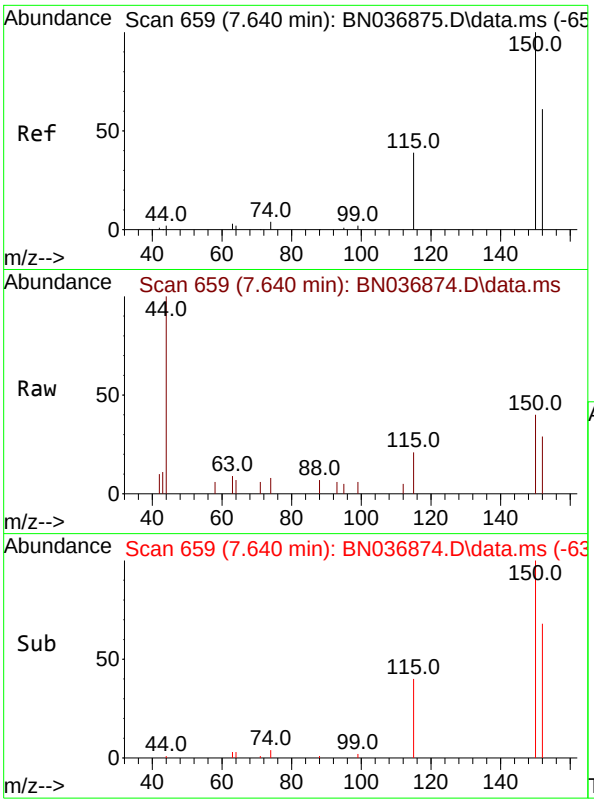
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036874.D
Acq On : 11 Apr 2025 12:37
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Apr 11 15:35:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 15:32:59 2025
Response via : Initial Calibration



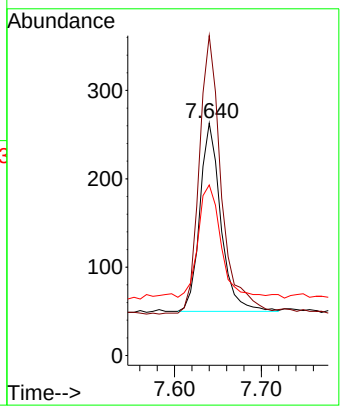


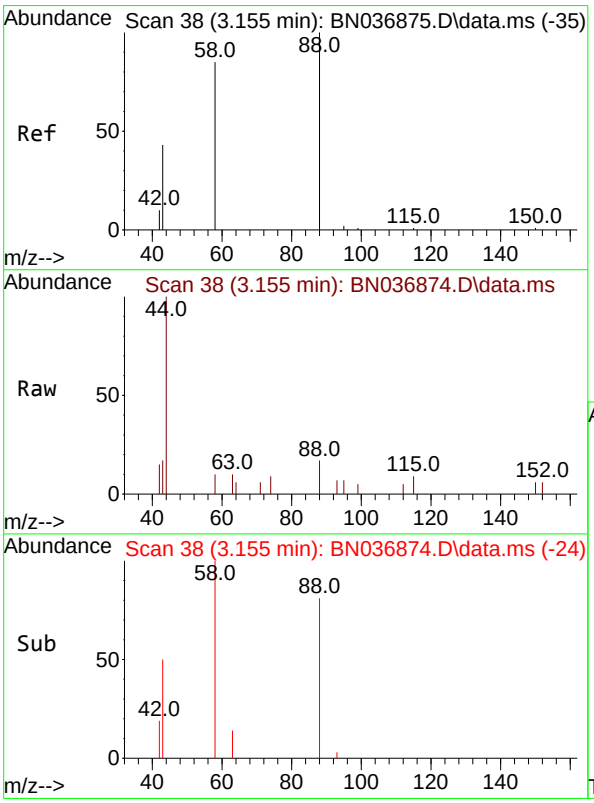
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.640 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 357

Ion	Ratio	Lower	Upper
152	100		
150	137.6	123.0	184.6
115	73.4	60.1	90.1

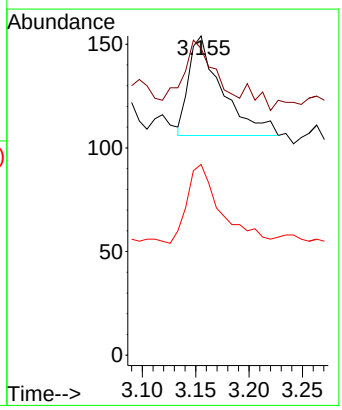


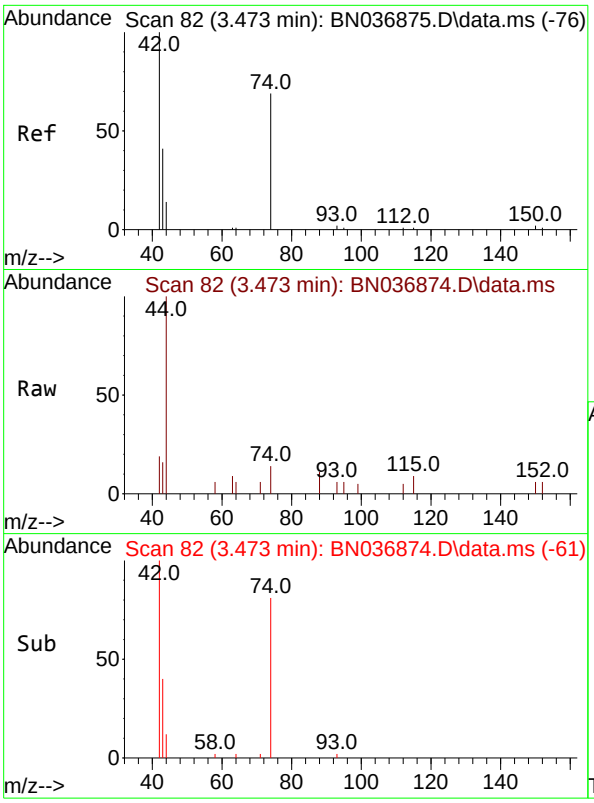


#2
1,4-Dioxane
Concen: 0.249 ng
RT: 3.155 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion: 88 Resp: 105

Ion	Ratio	Lower	Upper
88	100		
43	49.5	39.2	58.8
58	79.0	63.5	95.3



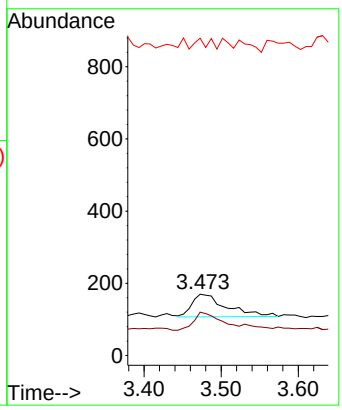


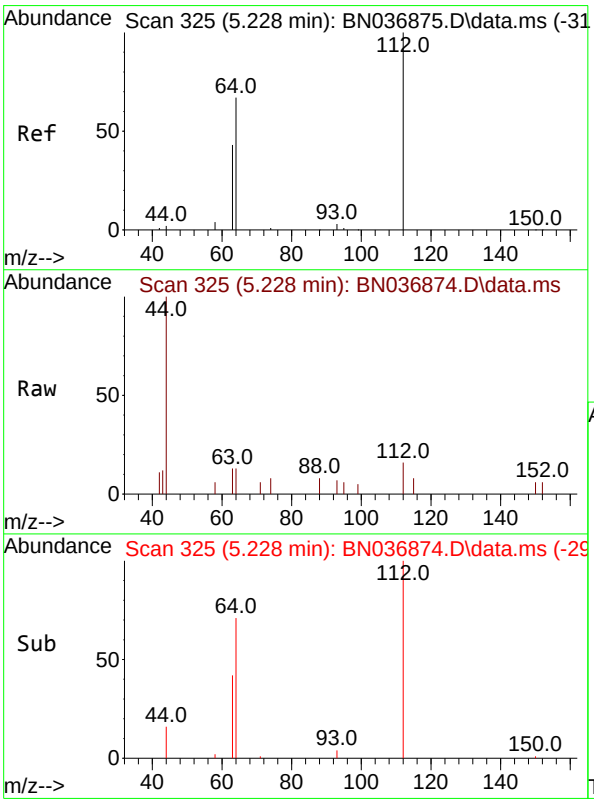
#3
n-Nitrosodimethylamine
Concen: 0.210 ng
RT: 3.473 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 195

Ion	Ratio	Lower	Upper
42	100		
74	62.1	54.6	81.8
44	11.3	0.0	0.0#

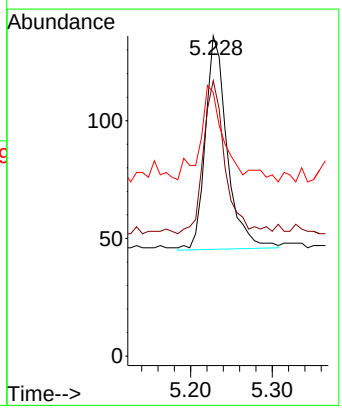


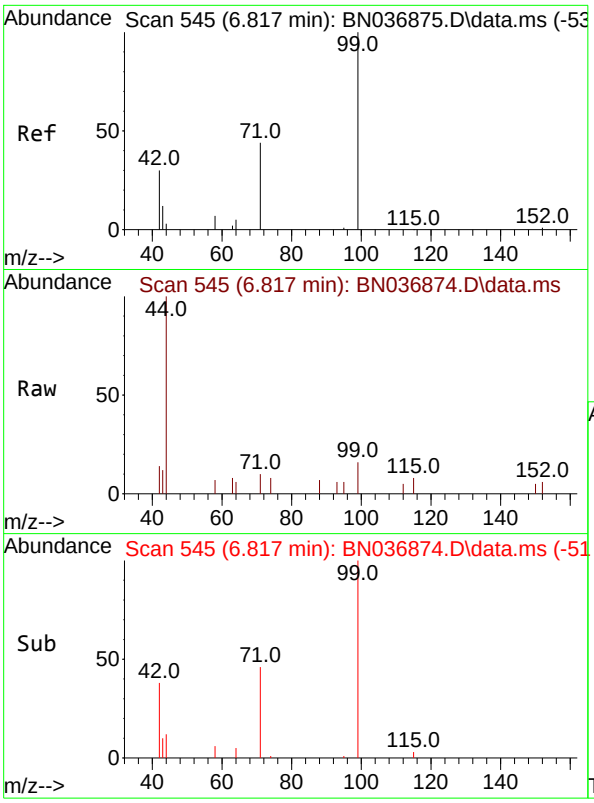


#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.228 min Scan# 325
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:112 Resp: 168

Ion	Ratio	Lower	Upper
112	100		
64	70.8	54.0	81.0
63	44.6	35.1	52.7



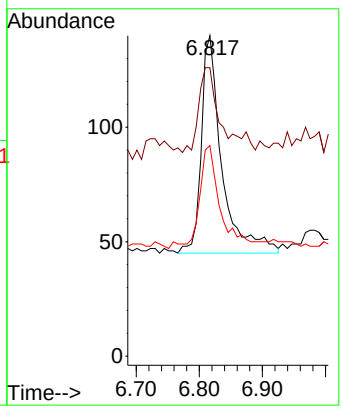


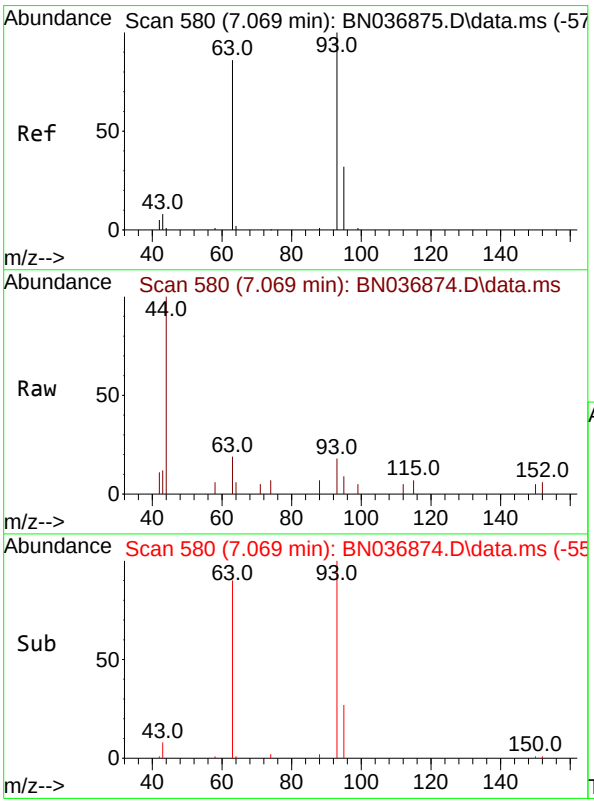
#5
Phenol-d6
Concen: 0.198 ng
RT: 6.817 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 214

Ion	Ratio	Lower	Upper
99	100		
42	43.0	30.9	46.3
71	48.6	38.6	58.0

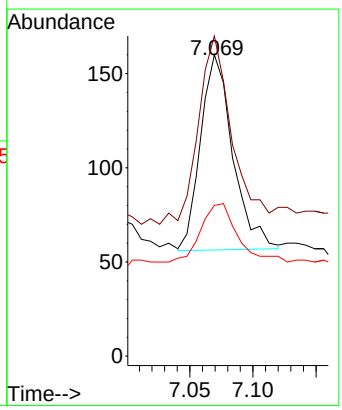


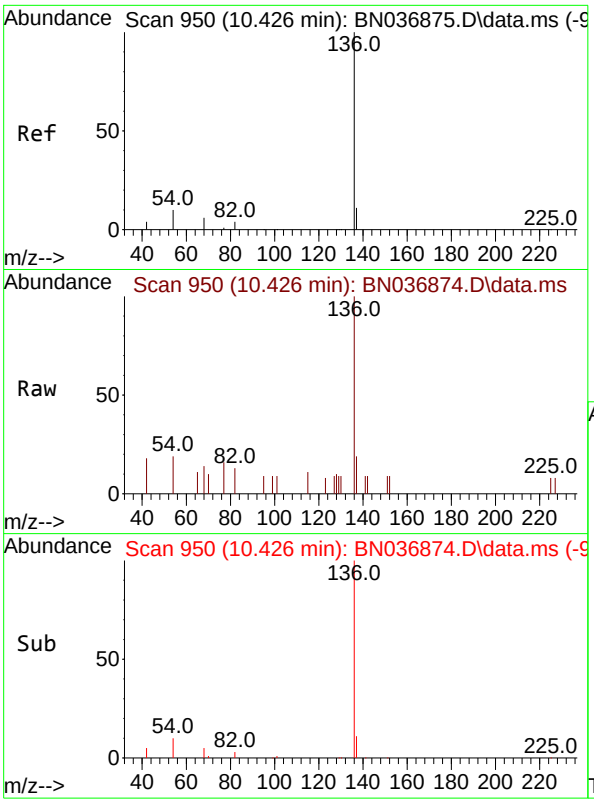


#6
bis(2-Chloroethyl)ether
Concen: 0.172 ng
RT: 7.069 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion: 93 Resp: 184

Ion	Ratio	Lower	Upper
93	100		
63	113.6	76.4	114.6
95	35.3	26.1	39.1



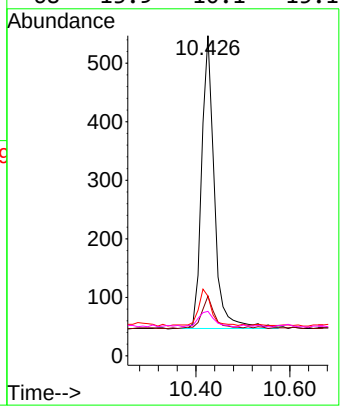


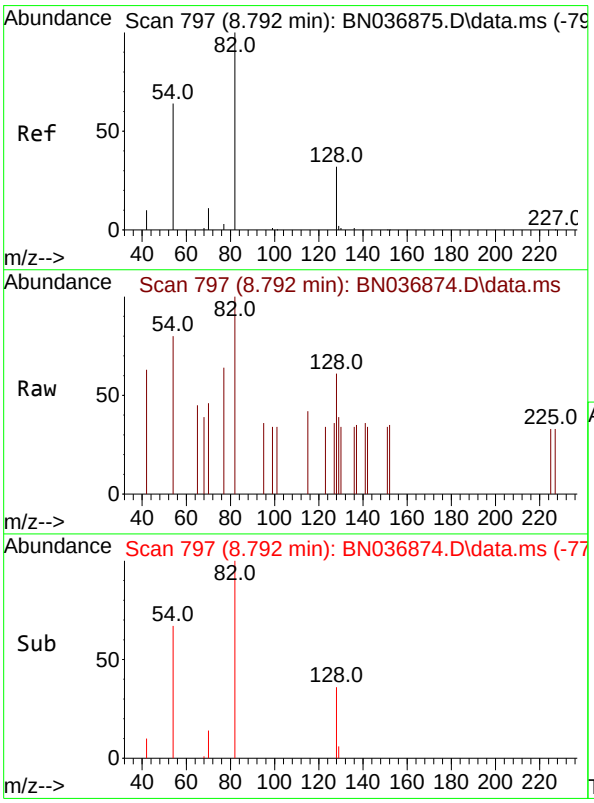
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 936

Ion	Ratio	Lower	Upper
136	100		
137	18.6	13.5	20.3
54	18.6	12.8	19.2
68	13.9	10.1	15.1

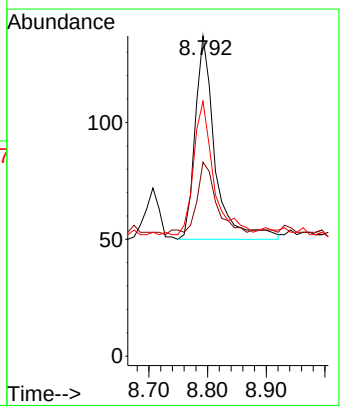


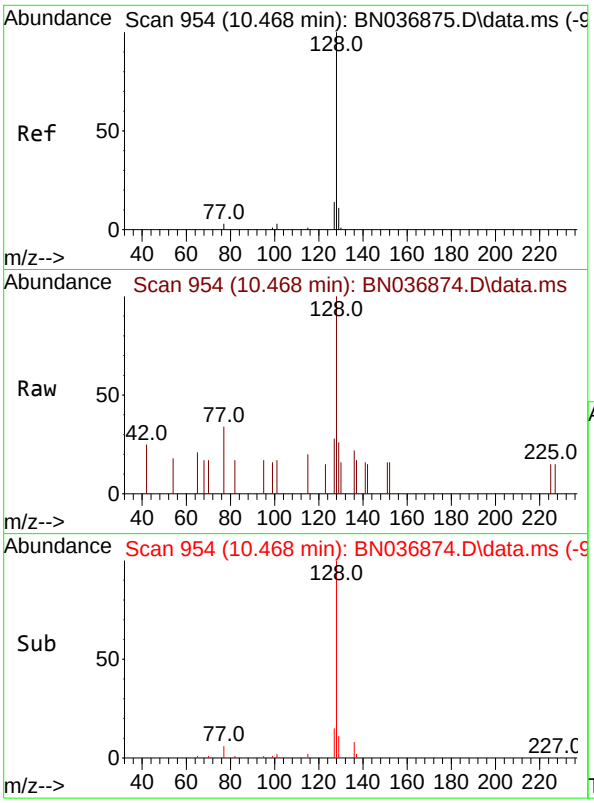


#8
Nitrobenzene-d5
Concen: 0.195 ng
RT: 8.792 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion: 82 Resp: 205

Ion	Ratio	Lower	Upper
82	100		
128	60.6	35.5	53.3#
54	79.6	56.2	84.4



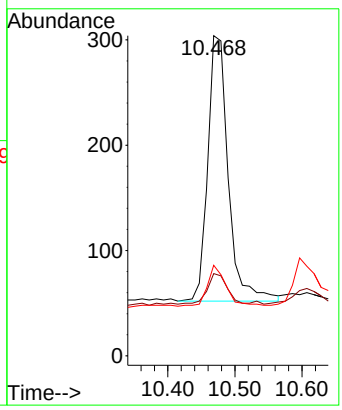


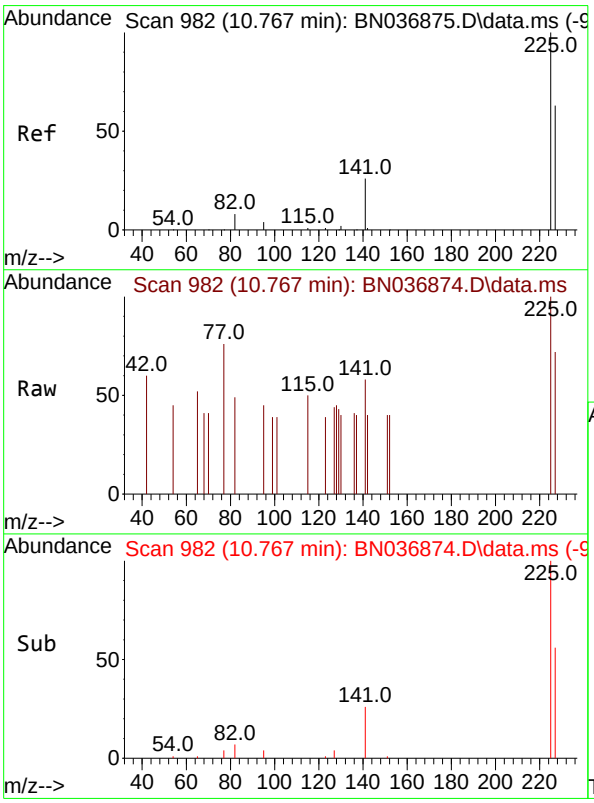
#9
Naphthalene
Concen: 0.196 ng
RT: 10.468 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 534

Ion	Ratio	Lower	Upper
128	100		
129	25.7	12.9	19.3#
127	28.3	15.0	22.6#

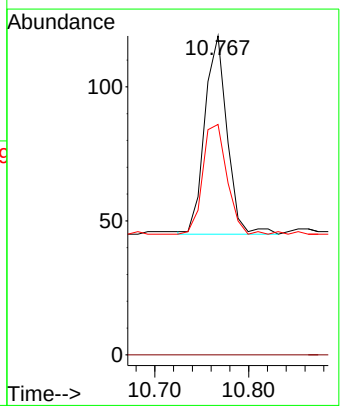


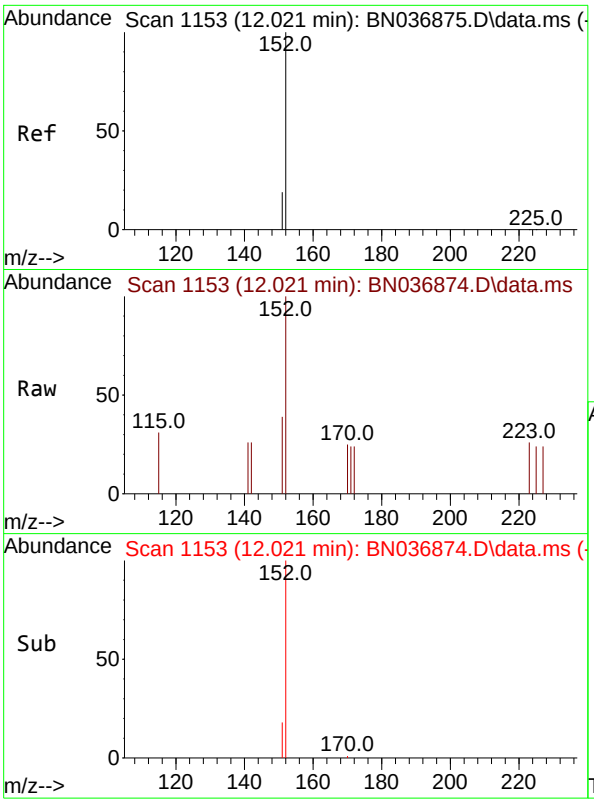


#10
Hexachlorobutadiene
Concen: 0.196 ng
RT: 10.767 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:225 Resp: 122

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	60.7	50.5	75.7



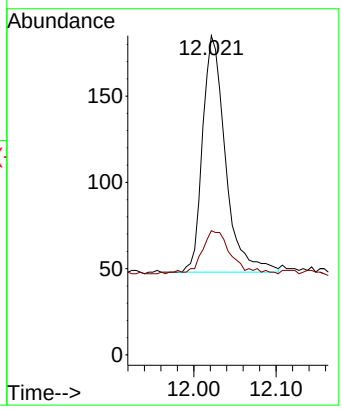


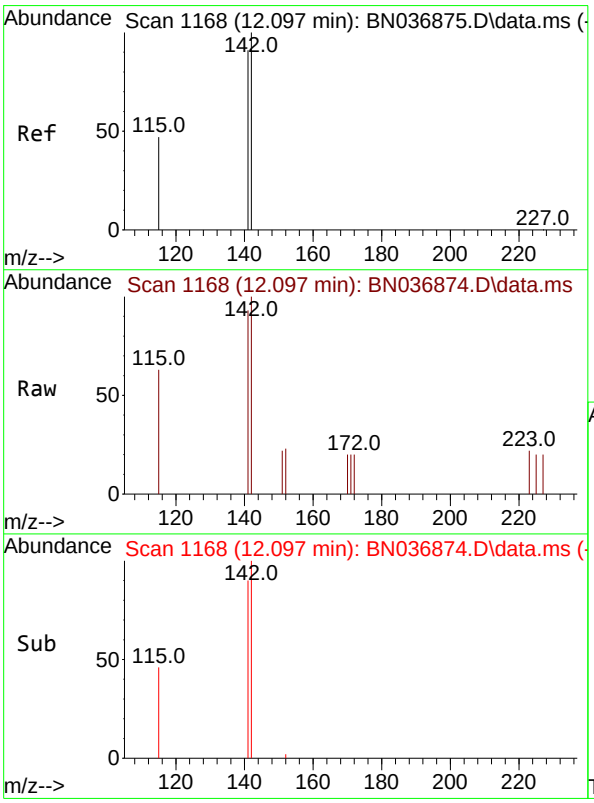
#11
2-Methylnaphthalene-d10
Concen: 0.193 ng
RT: 12.021 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 264

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.8	26.8

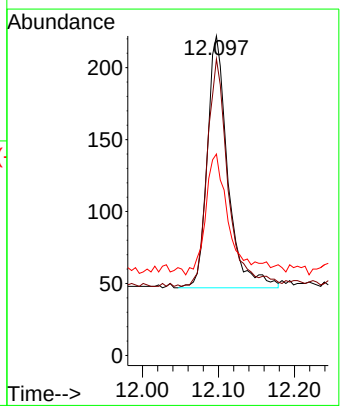


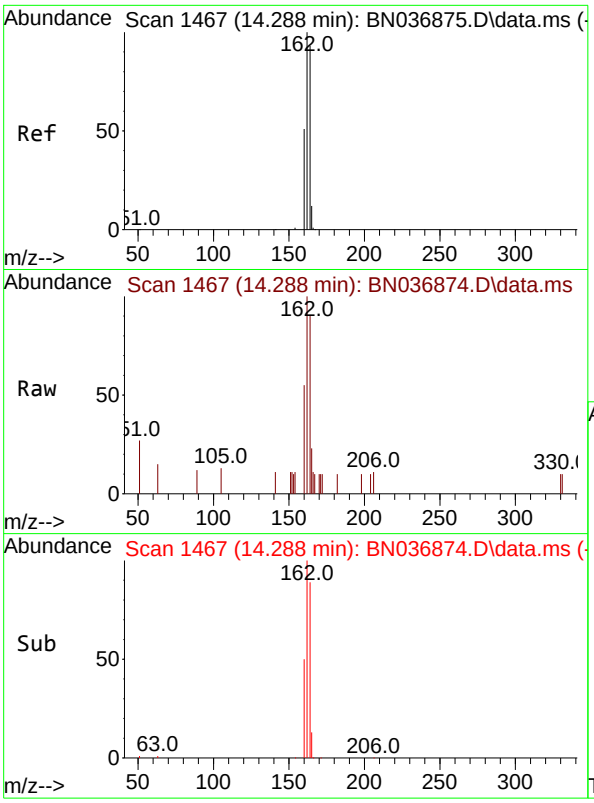


#12
2-Methylnaphthalene
Concen: 0.189 ng
RT: 12.097 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:142 Resp: 329

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.8
115	63.1	43.3	64.9



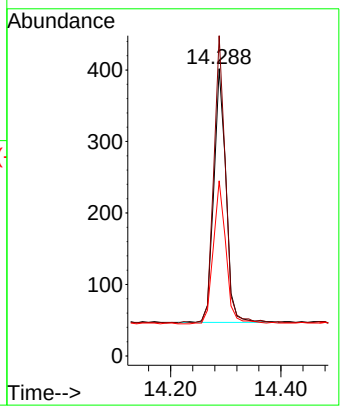


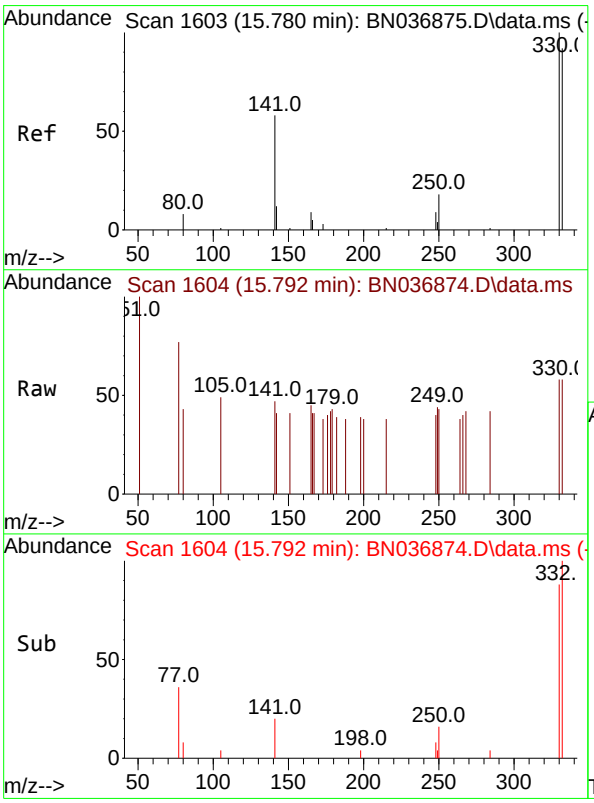
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.288 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 543

Ion	Ratio	Lower	Upper
164	100		
162	111.4	85.7	128.5
160	60.9	46.9	70.3

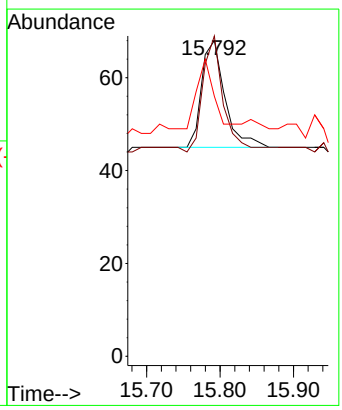


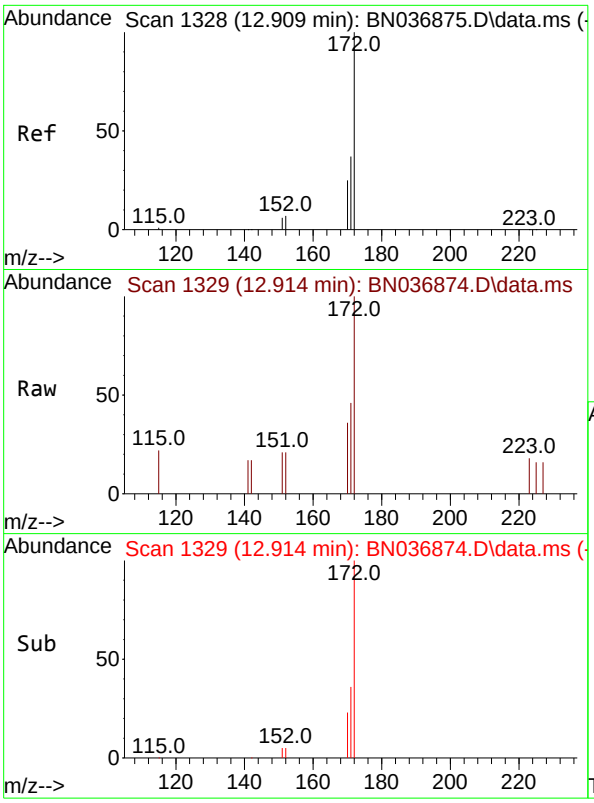


#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.792 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:330 Resp: 51

Ion	Ratio	Lower	Upper
330	100		
332	94.1	87.0	130.6
141	47.1	45.3	67.9



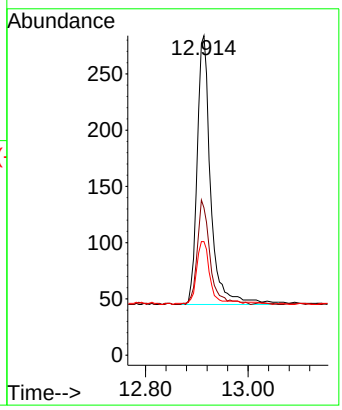


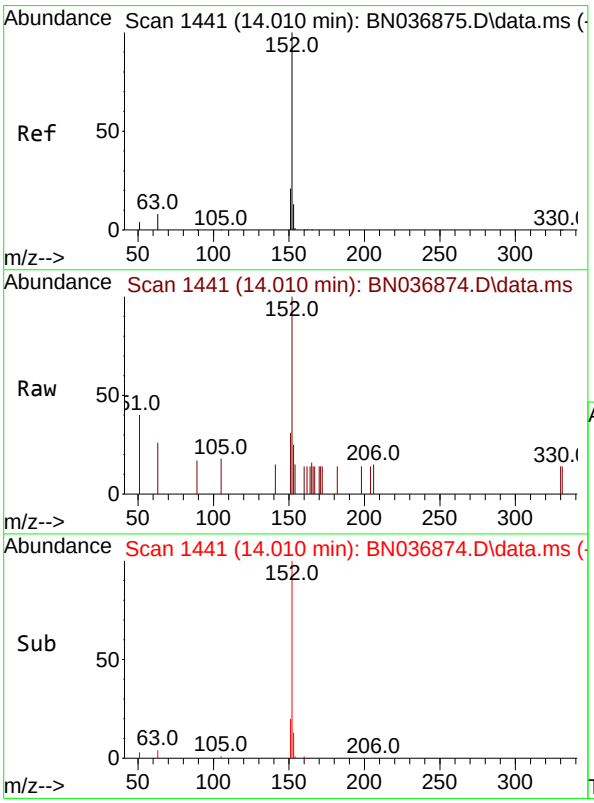
#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 12.914 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 505

Ion	Ratio	Lower	Upper
172	100		
171	46.1	32.7	49.1
170	35.6	23.3	34.9#

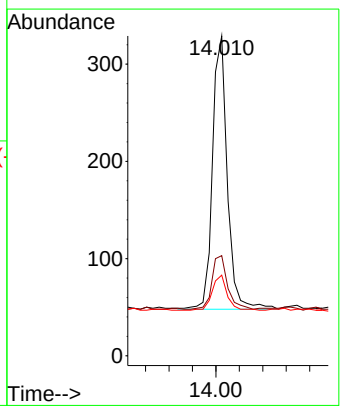


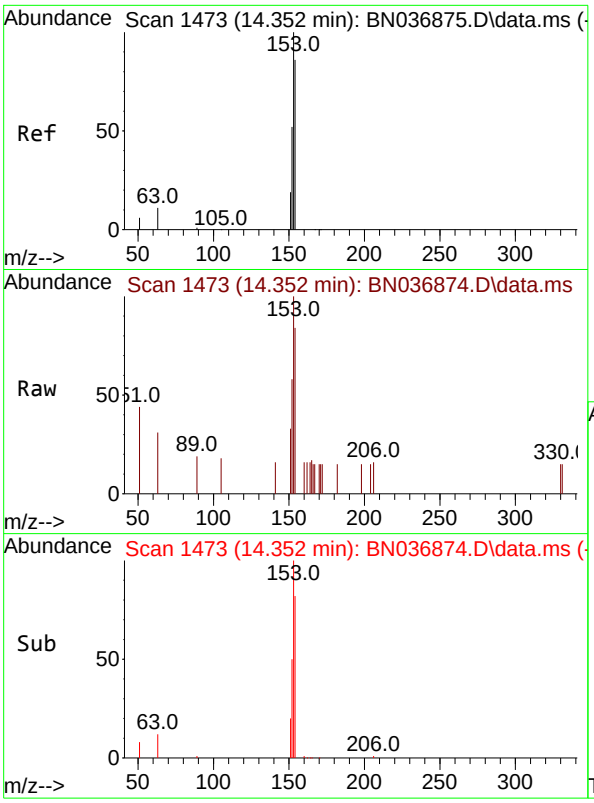


#16
Acenaphthylene
Concen: 0.195 ng
RT: 14.010 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:152 Resp: 491

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.4	24.6
153	12.8	10.3	15.5



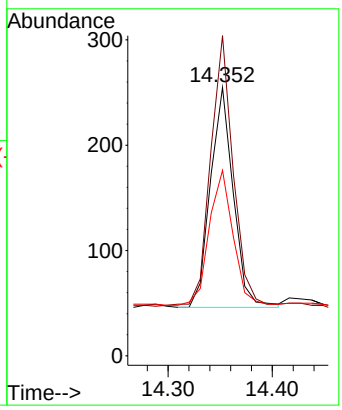


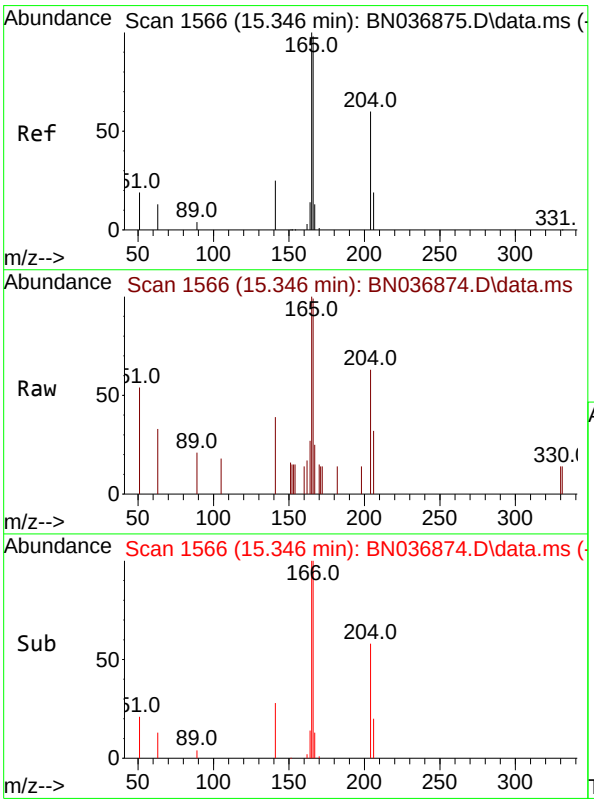
#17
Acenaphthene
Concen: 0.194 ng
RT: 14.352 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 319

Ion	Ratio	Lower	Upper
154	100		
153	121.6	97.8	146.6
152	64.6	52.7	79.1

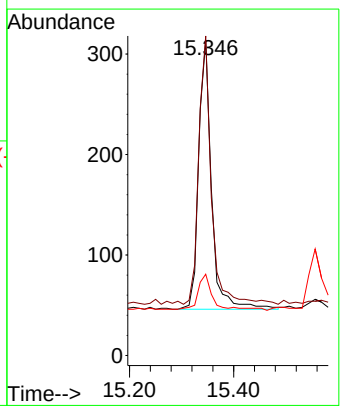


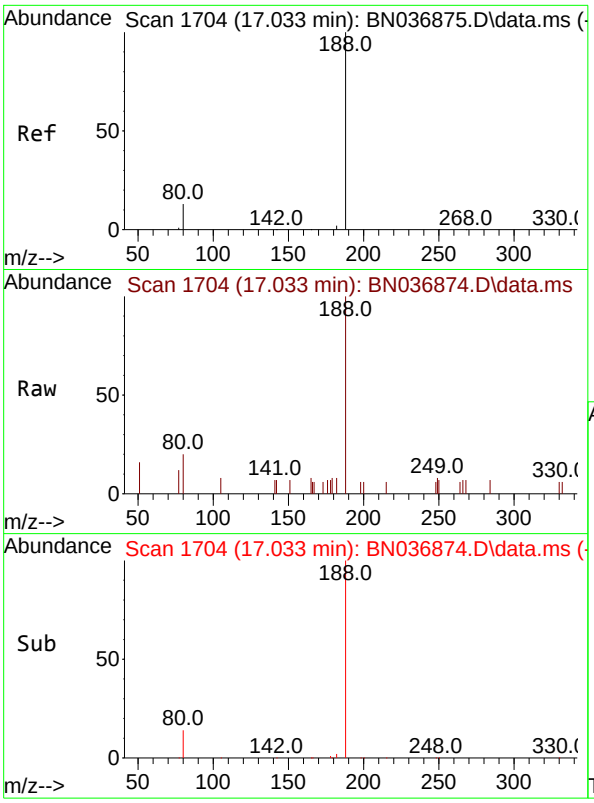


#18
Fluorene
Concen: 0.203 ng
RT: 15.346 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:166 Resp: 461

Ion	Ratio	Lower	Upper
166	100		
165	97.8	83.2	124.8
167	13.2	11.1	16.7



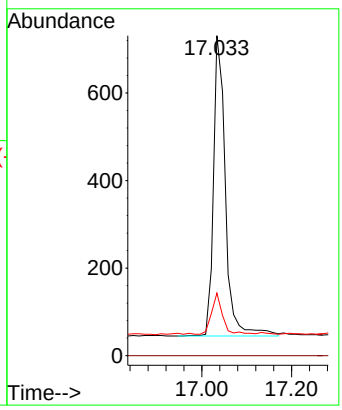


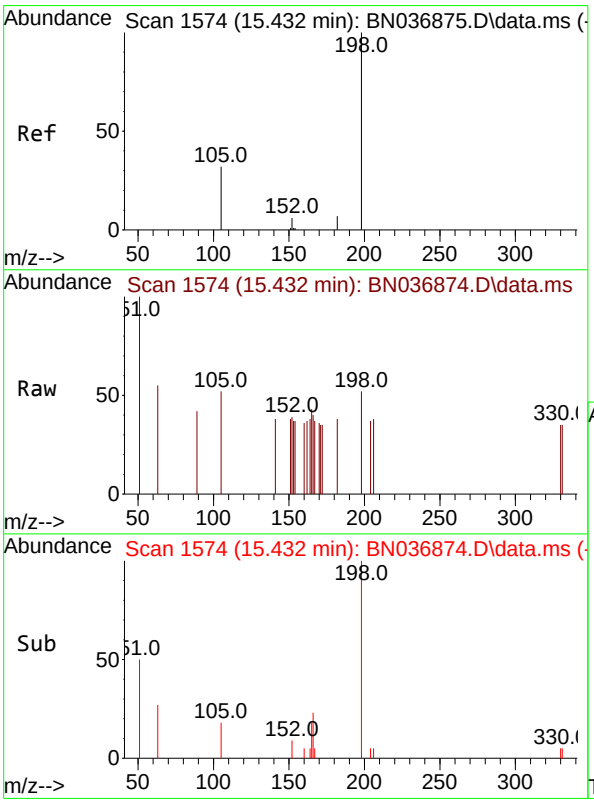
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 1263

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	19.6	13.9	20.9

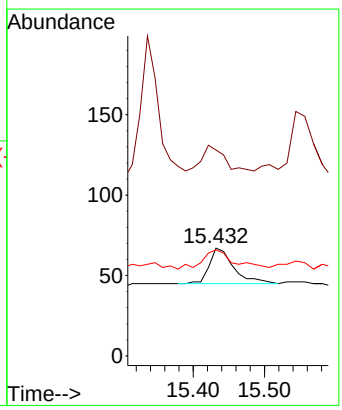


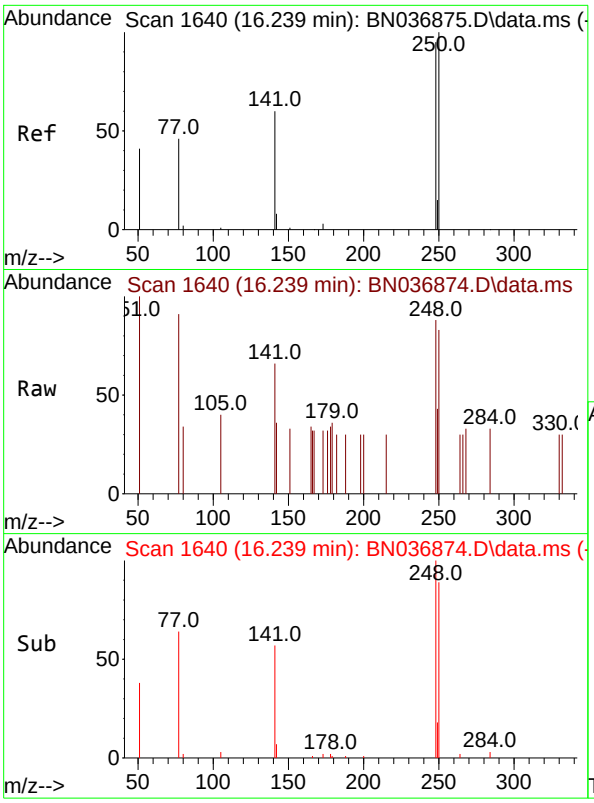


#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.432 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:198 Resp: 53

Ion	Ratio	Lower	Upper
198	100		
51	191.0	107.6	161.4#
105	98.5	55.2	82.8#



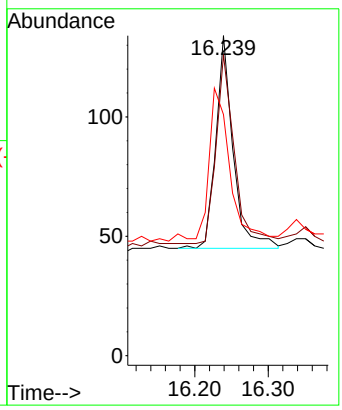


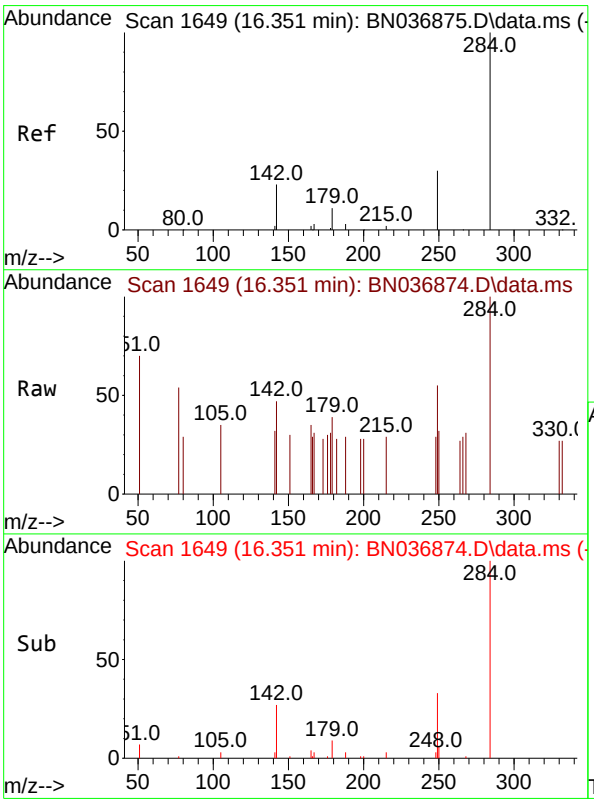
#21
4-Bromophenyl-phenylether
Concen: 0.191 ng
RT: 16.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 145

Ion	Ratio	Lower	Upper
248	100		
250	94.0	83.5	125.3
141	75.4	55.3	82.9

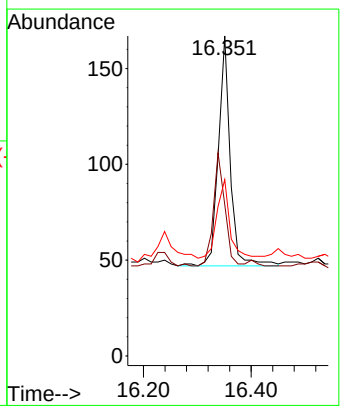


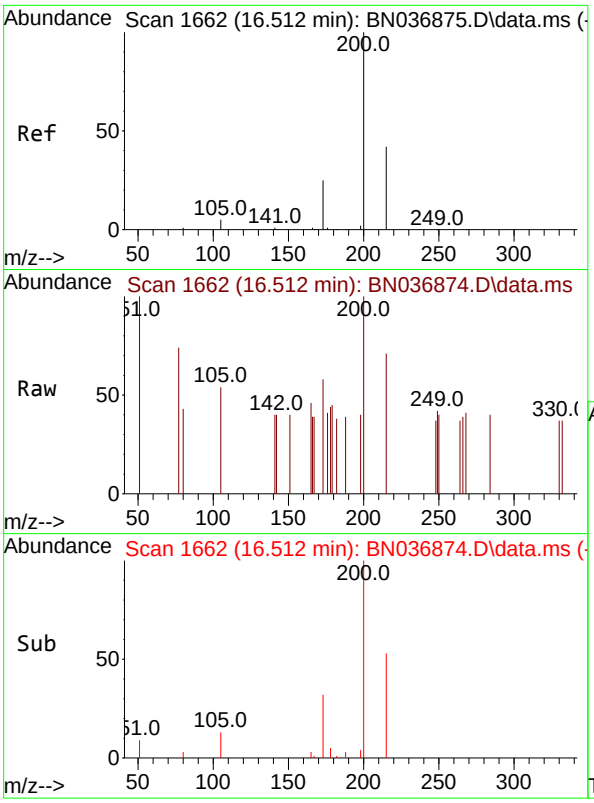


#22
Hexachlorobenzene
Concen: 0.204 ng
RT: 16.351 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:284 Resp: 185

Ion	Ratio	Lower	Upper
284	100		
142	47.0	37.7	56.5
249	40.5	29.0	43.6



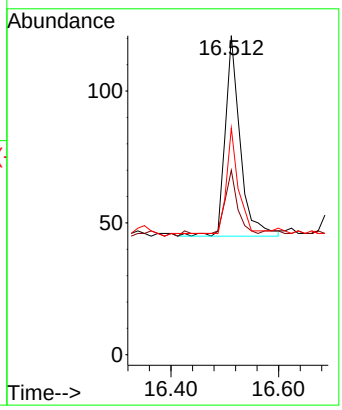


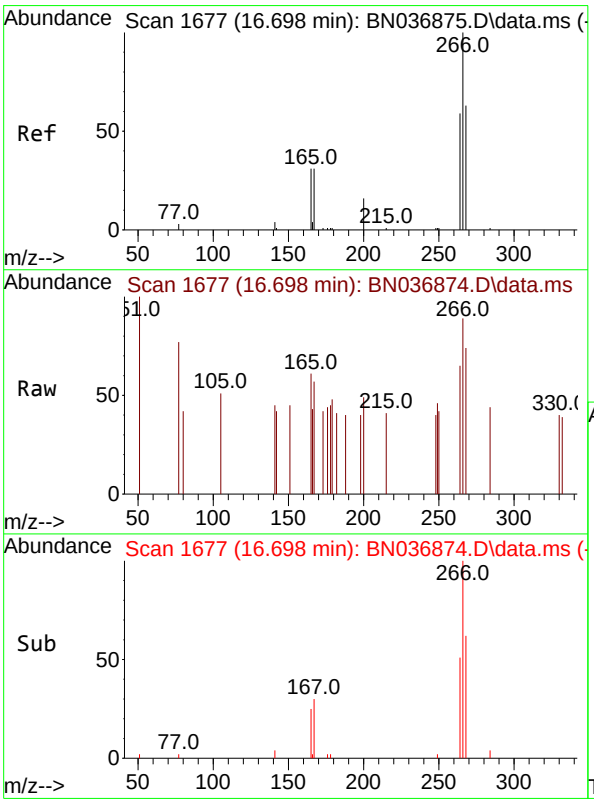
#23
Atrazine
Concen: 0.196 ng
RT: 16.512 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 147

Ion	Ratio	Lower	Upper
200	100		
173	57.9	28.6	43.0#
215	71.1	40.5	60.7#

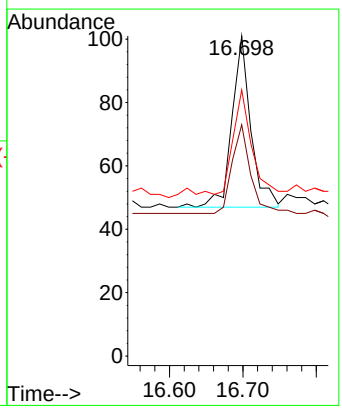


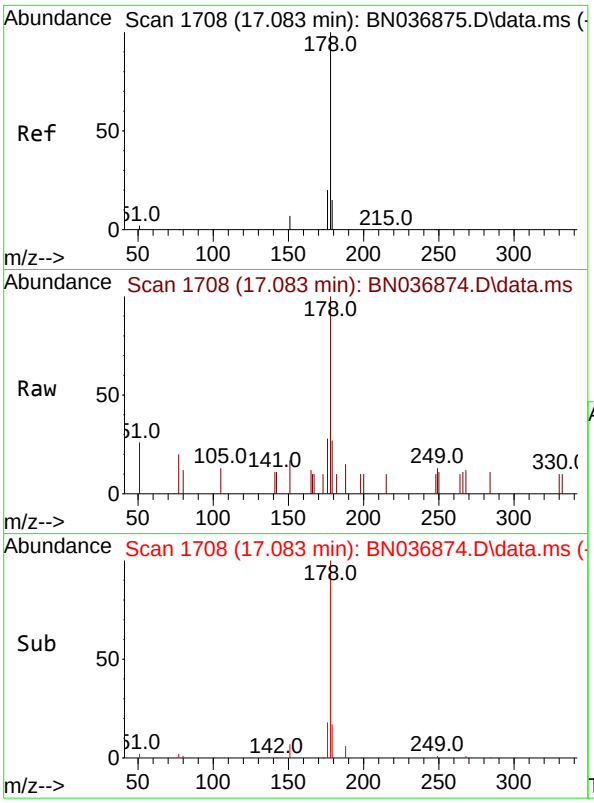


#24
Pentachlorophenol
Concen: 0.207 ng
RT: 16.698 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:266 Resp: 97

Ion	Ratio	Lower	Upper
266	100		
264	50.5	44.6	66.8
268	58.8	51.8	77.6



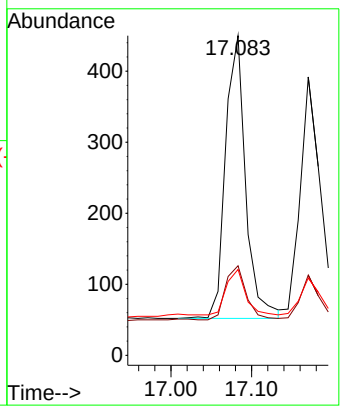


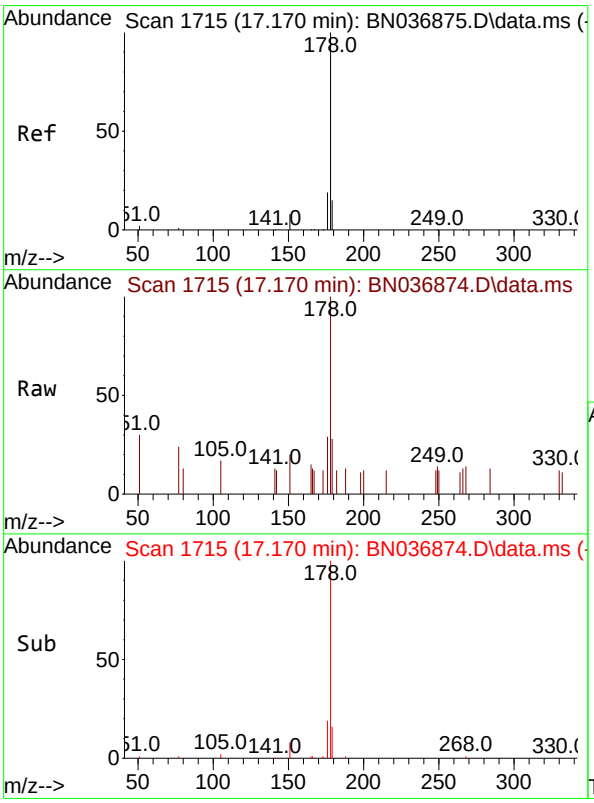
#25
Phenanthrene
Concen: 0.182 ng
RT: 17.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 690

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	16.2	12.8	19.2

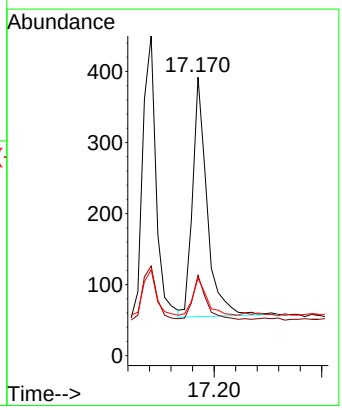


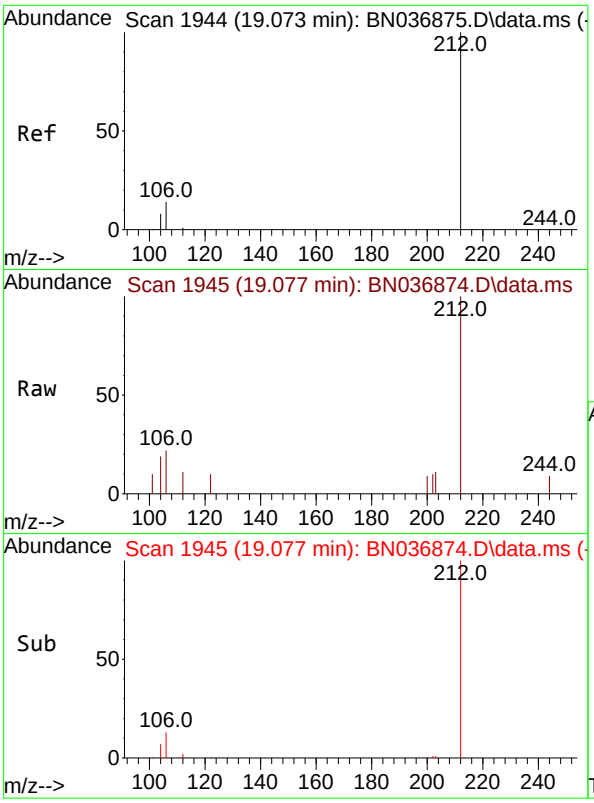


#26
Anthracene
Concen: 0.188 ng
RT: 17.170 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:178 Resp: 631

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.8	23.6
179	15.2	12.6	18.8



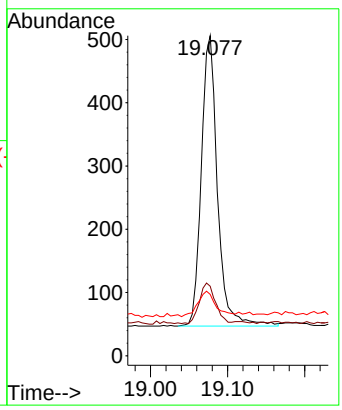


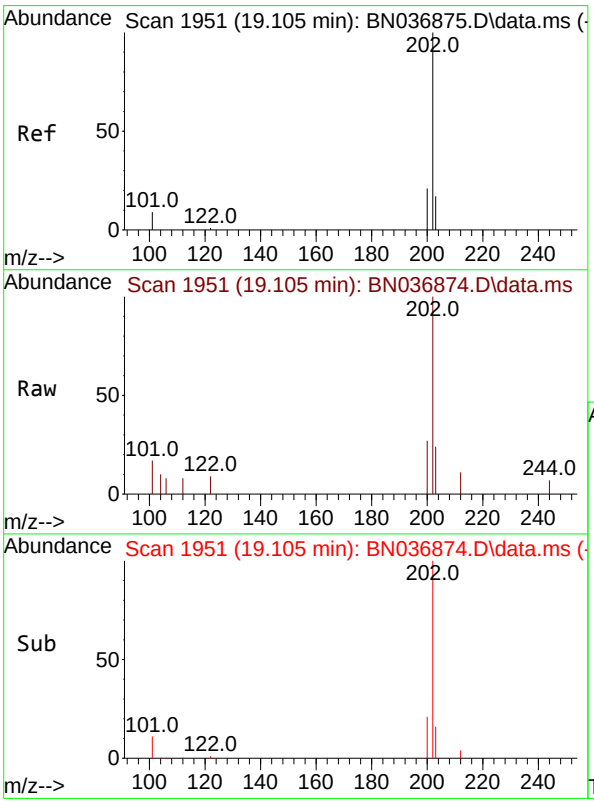
#27
Fluoranthene-d10
Concen: 0.189 ng
RT: 19.077 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 669

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.2	16.8
104	9.7	7.5	11.3

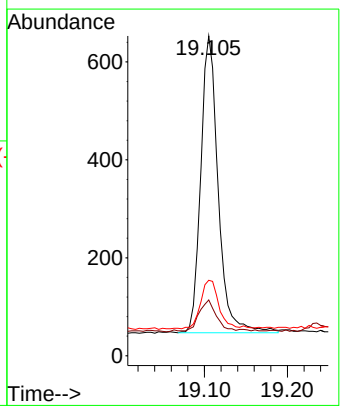


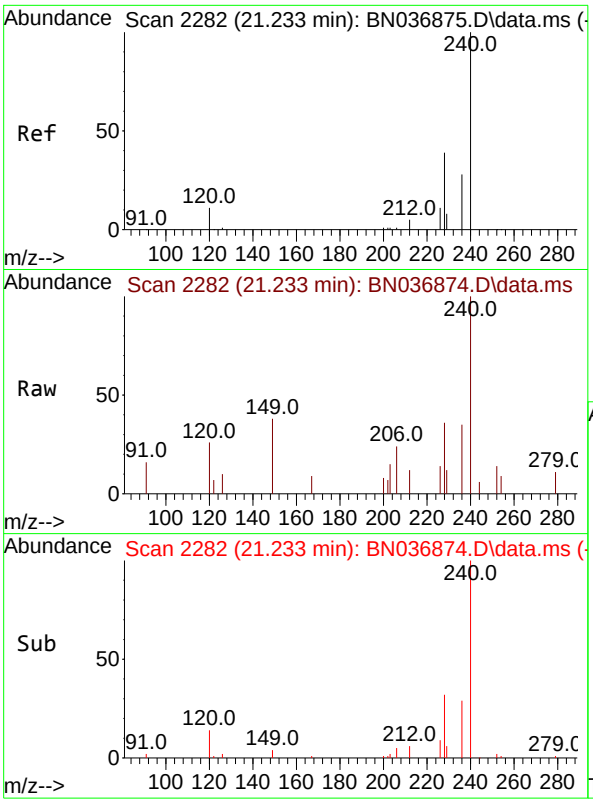


#28
Fluoranthene
Concen: 0.187 ng
RT: 19.105 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:202 Resp: 887

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.5	12.7
203	17.0	13.8	20.6



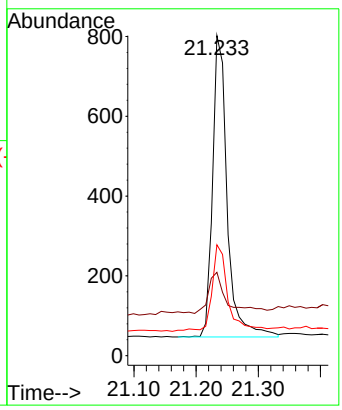


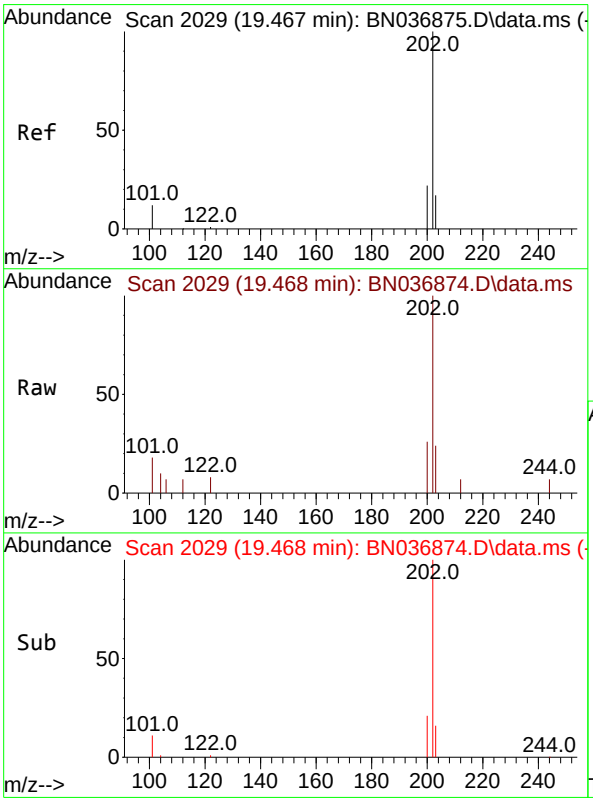
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.233 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 1230

Ion	Ratio	Lower	Upper
240	100		
120	26.1	15.8	23.6#
236	34.7	25.8	38.8

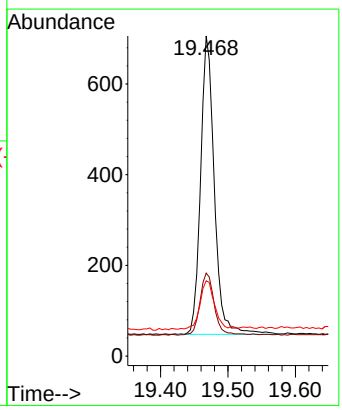


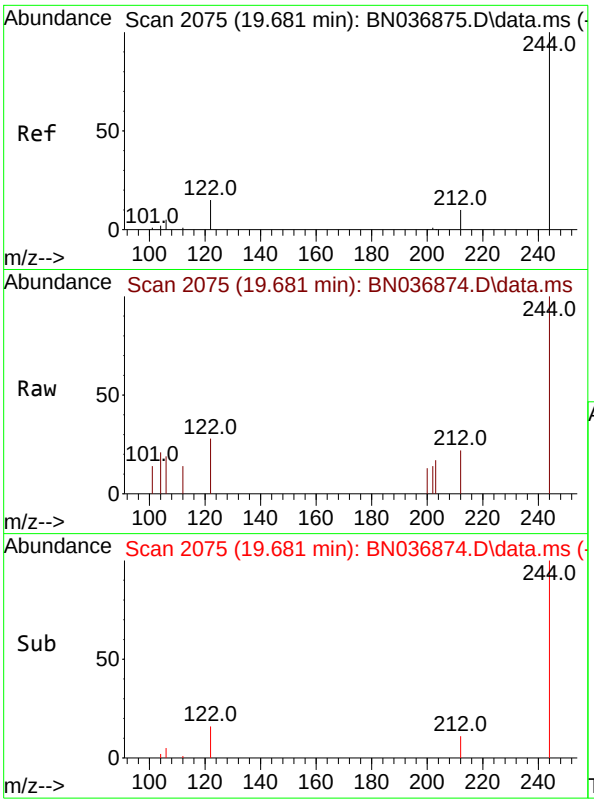


#30
Pyrene
Concen: 0.199 ng
RT: 19.468 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:202 Resp: 930

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	17.0	14.5	21.7



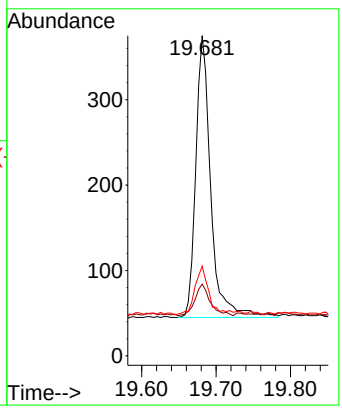


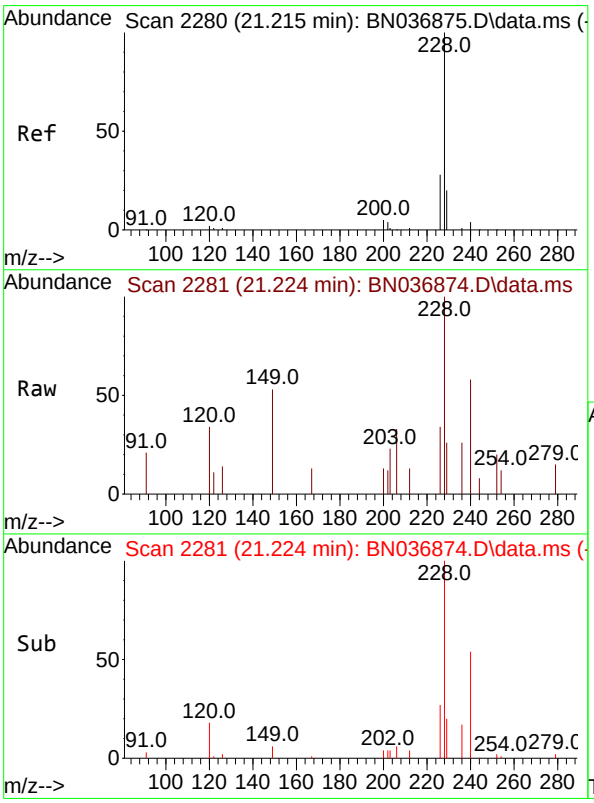
#31
Terphenyl-d14
Concen: 0.196 ng
RT: 19.681 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 462

Ion	Ratio	Lower	Upper
244	100		
212	22.4	11.6	17.4#
122	28.0	14.9	22.3#

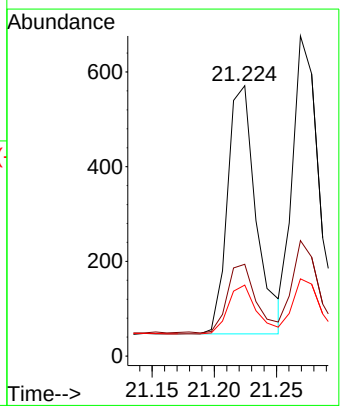


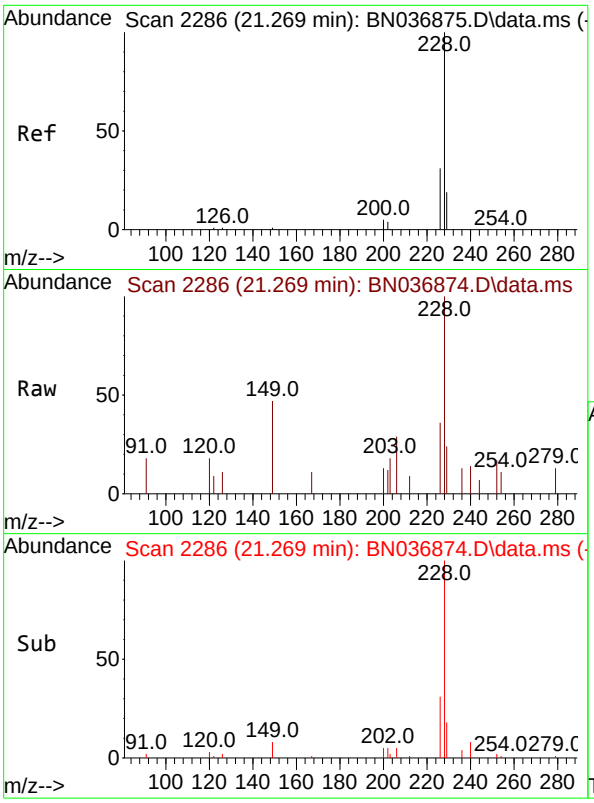


#32
Benzo(a)anthracene
Concen: 0.195 ng
RT: 21.224 min Scan# 2281
Delta R.T. 0.009 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:228 Resp: 843

Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.5	36.7
229	26.3	17.7	26.5



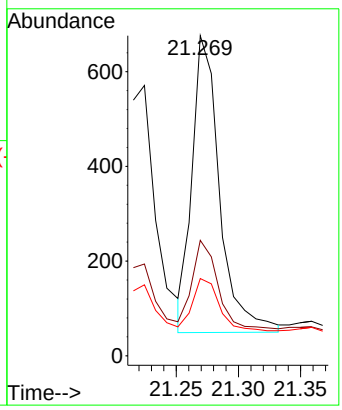


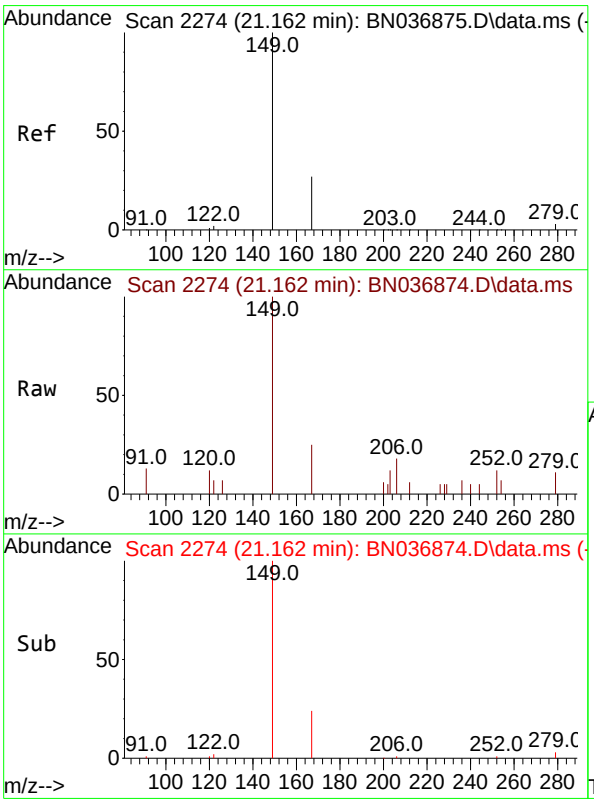
#33
Chrysene
Concen: 0.200 ng
RT: 21.269 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 964

Ion	Ratio	Lower	Upper
228	100		
226	36.1	26.1	39.1
229	24.1	17.0	25.4

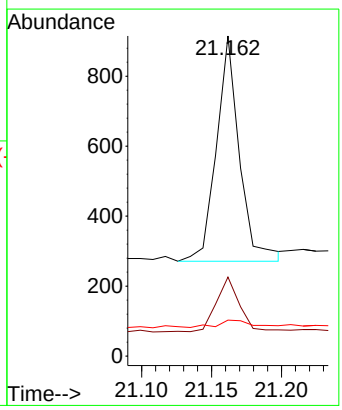


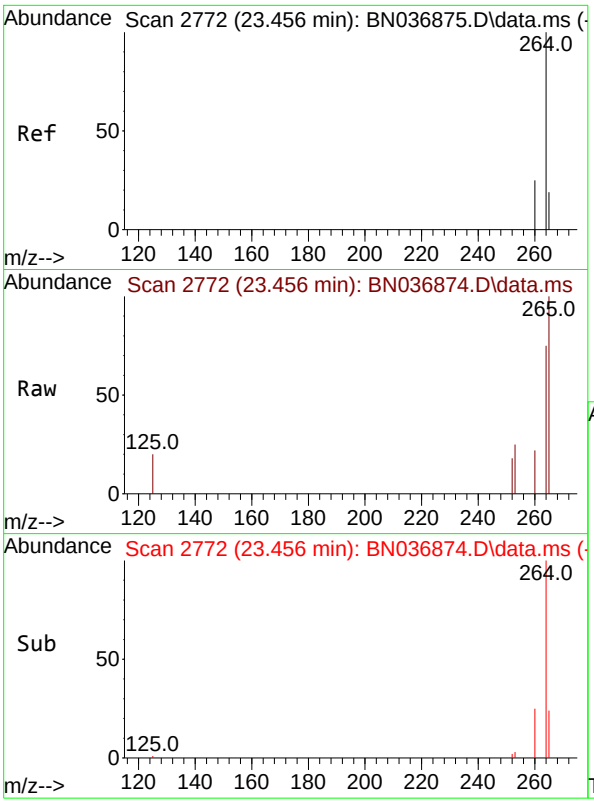


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.225 ng
RT: 21.162 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:149 Resp: 736

Ion	Ratio	Lower	Upper
149	100		
167	24.6	21.0	31.4
279	4.8	3.6	5.4



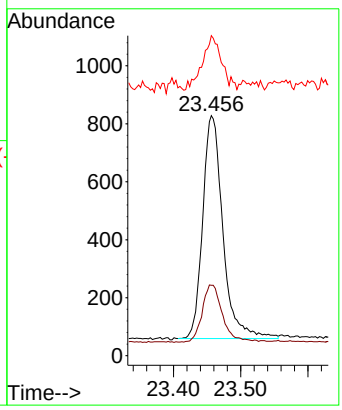


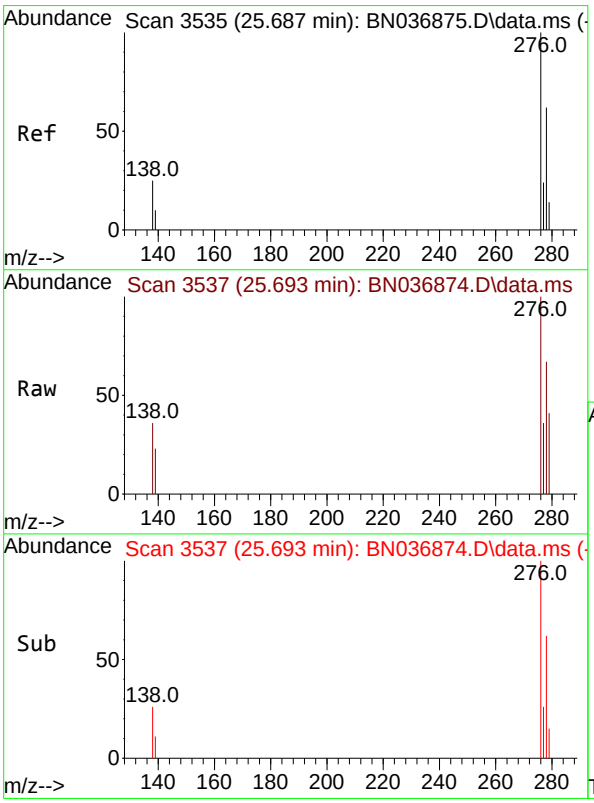
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 1607

Ion	Ratio	Lower	Upper
264	100		
260	29.3	22.9	34.3
265	133.3	88.6	132.8#

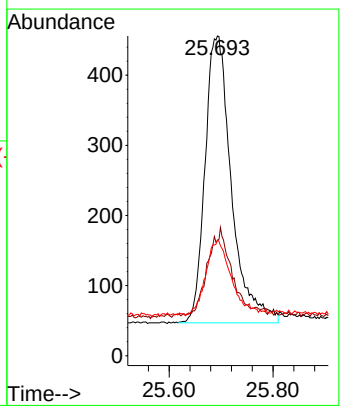


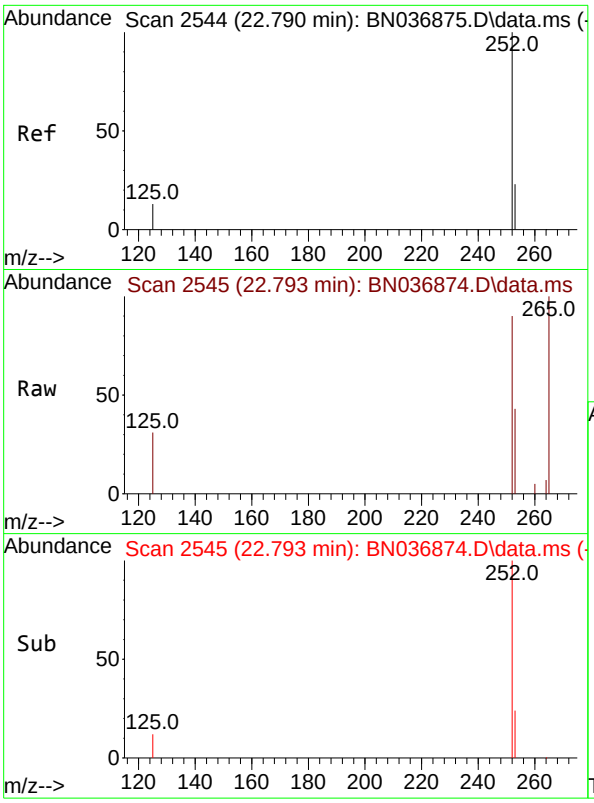


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng
RT: 25.693 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:276 Resp: 1449

Ion	Ratio	Lower	Upper
276	100		
138	10.6	21.0	31.6#
277	24.2	19.3	28.9



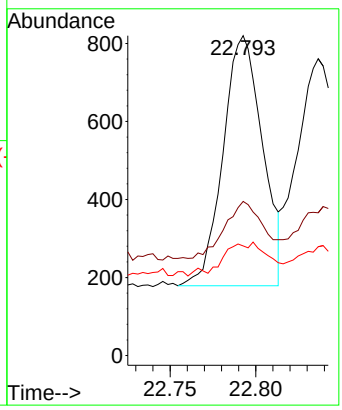


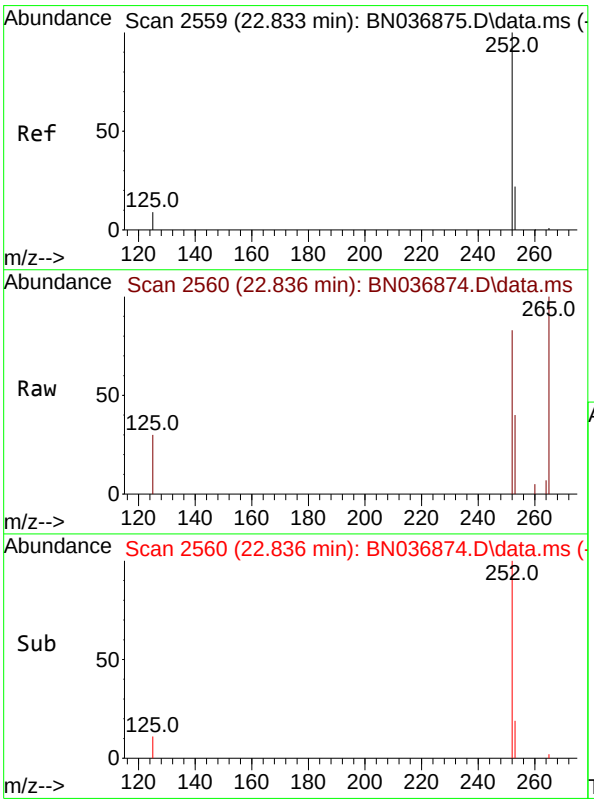
#37
Benzo(b)fluoranthene
Concen: 0.181 ng
RT: 22.793 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 1027

Ion	Ratio	Lower	Upper
252	100		
253	48.2	27.0	40.6#
125	34.3	17.7	26.5#

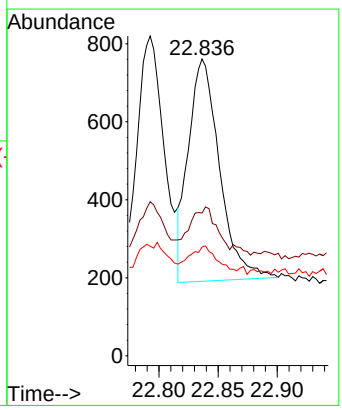


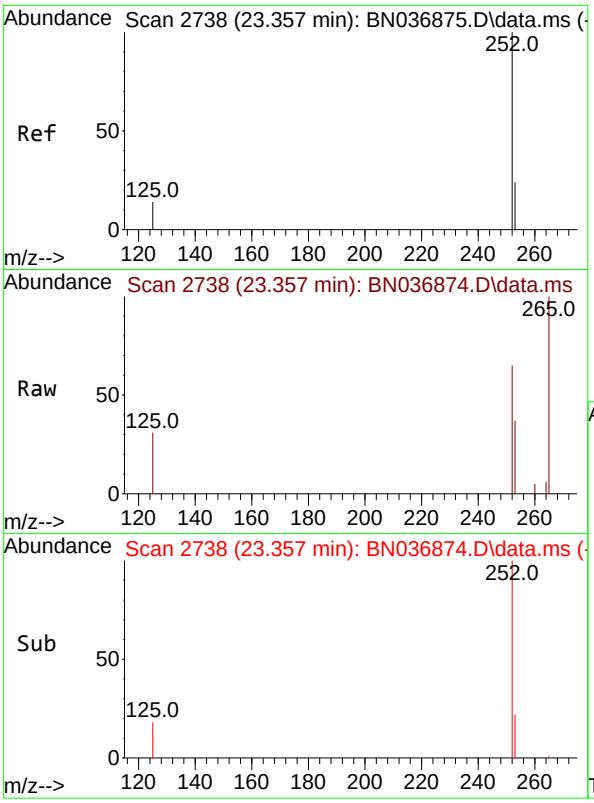


#38
Benzo(k)fluoranthene
Concen: 0.183 ng
RT: 22.836 min Scan# 2560
Delta R.T. 0.003 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:252 Resp: 1046

Ion	Ratio	Lower	Upper
252	100		
253	48.1	26.7	40.1#
125	36.7	16.9	25.3#



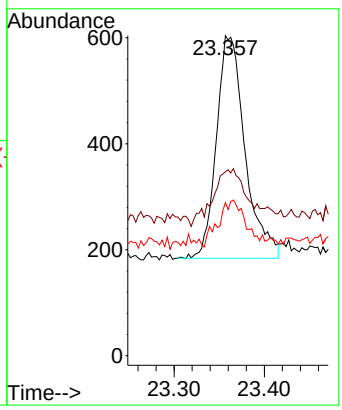


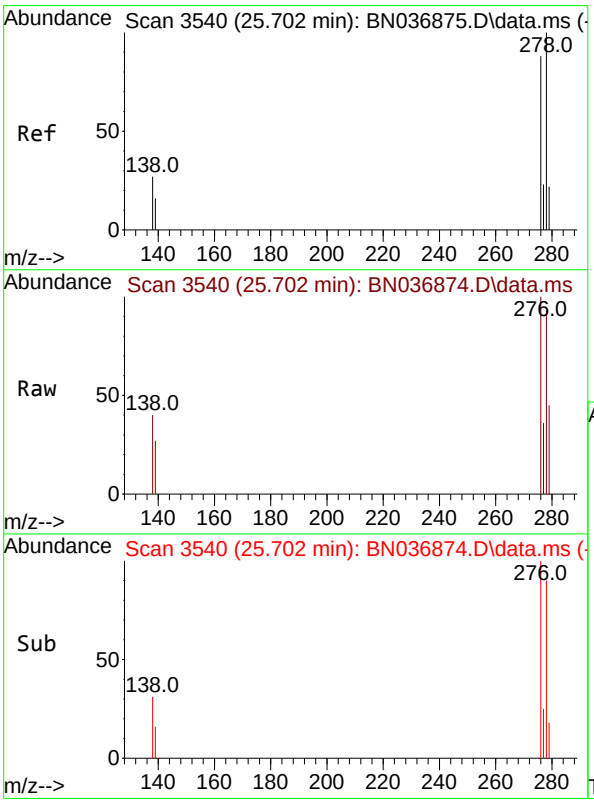
#39
Benzo(a)pyrene
Concen: 0.186 ng
RT: 23.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 927

Ion	Ratio	Lower	Upper
252	100		
253	57.5	31.5	47.3#
125	47.8	22.6	34.0#

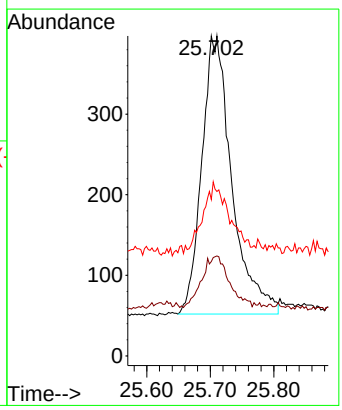


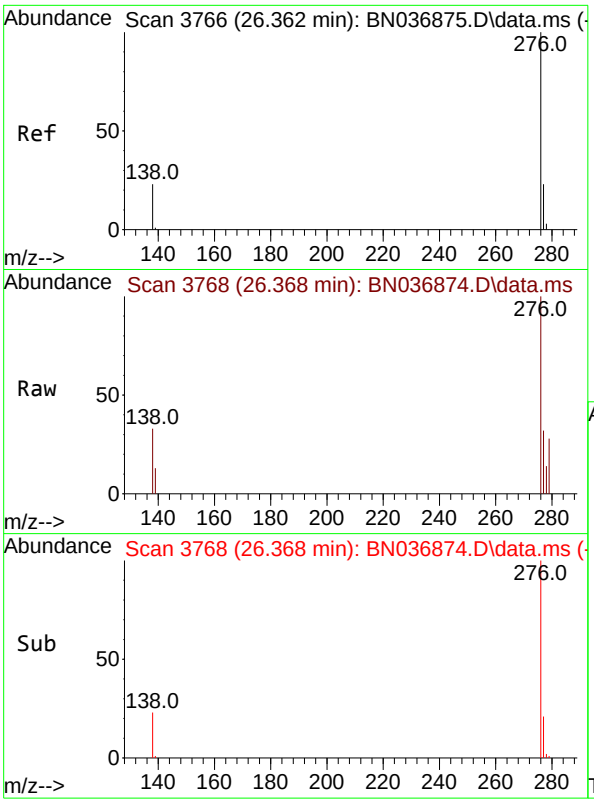


#40
Dibenzo(a,h)anthracene
Concen: 0.188 ng
RT: 25.702 min Scan# 3540
Delta R.T. 0.000 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Tgt Ion:278 Resp: 1138

Ion	Ratio	Lower	Upper
278	100		
139	29.5	17.6	26.4#
279	48.9	26.7	40.1#





#41
Benzo(g,h,i)perylene
Concen: 0.195 ng
RT: 26.368 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN036874.D
Acq: 11 Apr 2025 12:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 1344

Ion	Ratio	Lower	Upper
276	100		
277	31.6	21.8	32.8
138	32.9	21.6	32.4#