Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037134.D
Acq On : 02 Jun 2025 16:21
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 03 02:15:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:14:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	1644	20.000	ng		0.00
7) Naphthalene-d8	10.383	136	4276	20.000	ng		0.00
13) Acenaphthene-d10	14.245	164	2554	20.000	ng		0.00
19) Phenanthrene-d10	16.996	188	5606	20.000	ng		0.00
29) Chrysene-d12	21.189	240	3943	20.000	ng		0.00
35) Perylene-d12	23.380	264	3415	20.000	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	848	0.207	ng		0.00
5) Phenol-d6	6.781	99	1015	0.199	ng		0.00
8) Nitrobenzene-d5	8.760	82	846	0.186	ng		0.01
11) 2-Methylnaphthalene-d10	11.981	152	1174	0.192	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	239	0.199	ng		0.00
15) 2-Fluorobiphenyl	12.873	172	2190	0.207	ng		0.00
27) Fluoranthene-d10	19.031	212	2796	0.184	ng		0.00
31) Terphenyl-d14	19.640	244	1884	0.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.133	88	492	0.222	ng		98
3) n-Nitrosodimethylamine	3.451	42	847	0.197	ng	#	96
6) bis(2-Chloroethyl)ether	7.041	93	841	0.183	ng		91
9) Naphthalene	10.426	128	2430	0.198	ng		97
10) Hexachlorobutadiene	10.725	225	542	0.205	ng	#	99
12) 2-Methylnaphthalene	12.057	142	1581	0.194	ng		96
16) Acenaphthylene	13.967	152	2408	0.194	ng		99
17) Acenaphthene	14.309	154	1574	0.195	ng		100
18) Fluorene	15.304	166	2173	0.196	ng		98
20) 4,6-Dinitro-2-methylph...	15.400	198	188	0.144	ng	#	88
21) 4-Bromophenyl-phenylether	16.202	248	676	0.190	ng		96
22) Hexachlorobenzene	16.301	284	790	0.204	ng		98
23) Atrazine	16.475	200	591	0.184	ng	#	88
24) Pentachlorophenol	16.661	266	357	0.169	ng		95
25) Phenanthrene	17.034	178	3508	0.193	ng		100
26) Anthracene	17.133	178	3044	0.183	ng		99
28) Fluoranthene	19.063	202	3896	0.182	ng		100
30) Pyrene	19.426	202	3907	0.209	ng		99
32) Benzo(a)anthracene	21.171	228	2732	0.191	ng		96
33) Chrysene	21.225	228	3278	0.206	ng		99
34) Bis(2-ethylhexyl)phtha...	21.117	149	2079	0.204	ng		100
36) Indeno(1,2,3-cd)pyrene	25.585	276	2336	0.186	ng		100
37) Benzo(b)fluoranthene	22.725	252	2729	0.195	ng	#	89
38) Benzo(k)fluoranthene	22.769	252	2636	0.188	ng	#	86
39) Benzo(a)pyrene	23.287	252	2238	0.194	ng	#	84
40) Dibenzo(a,h)anthracene	25.602	278	1652	0.176	ng	#	83
41) Benzo(g,h,i)perylene	26.257	276	2187	0.196	ng		93

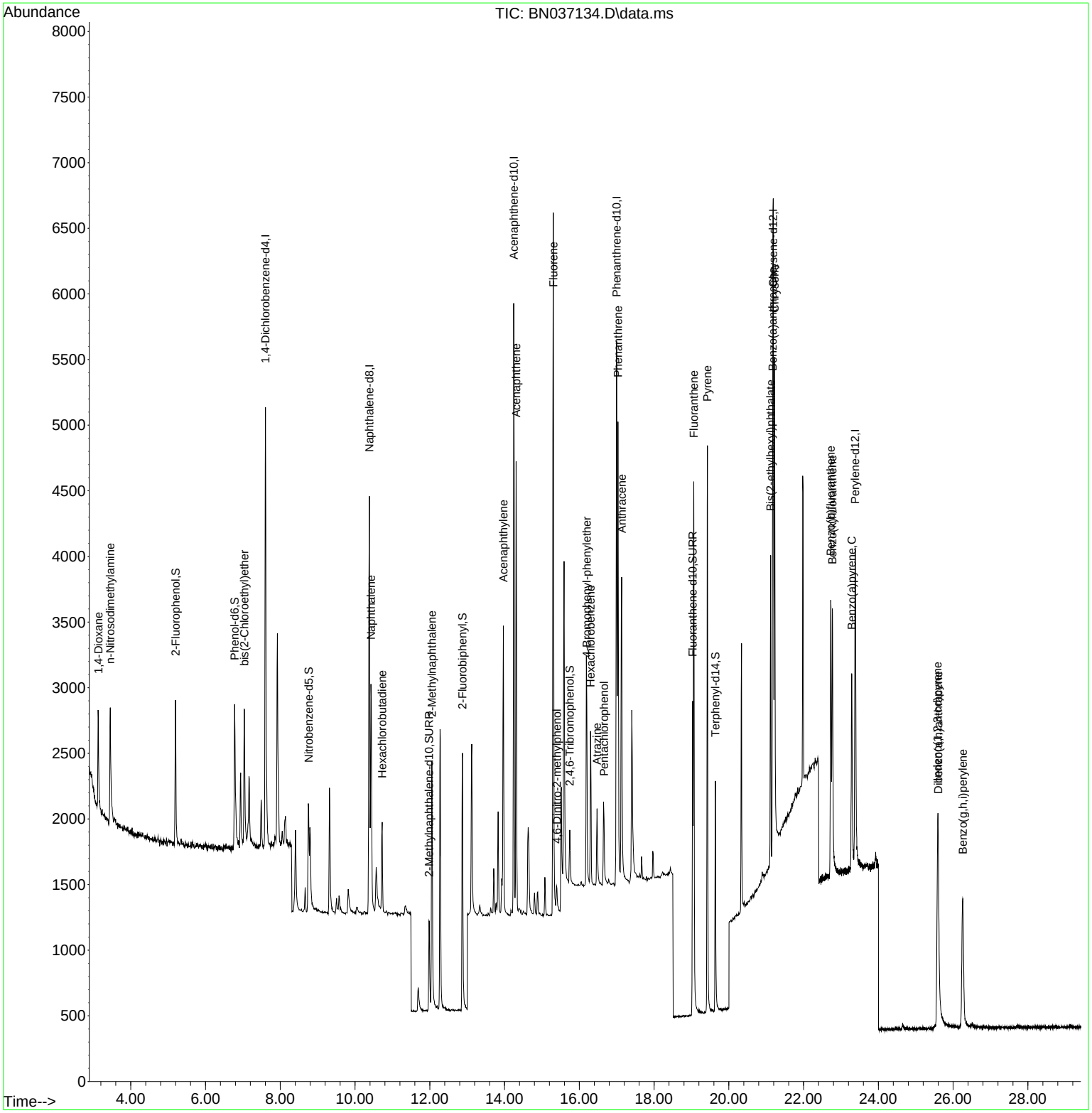
(#) = qualifier out of range (m) = manual integration (+) = signals summed

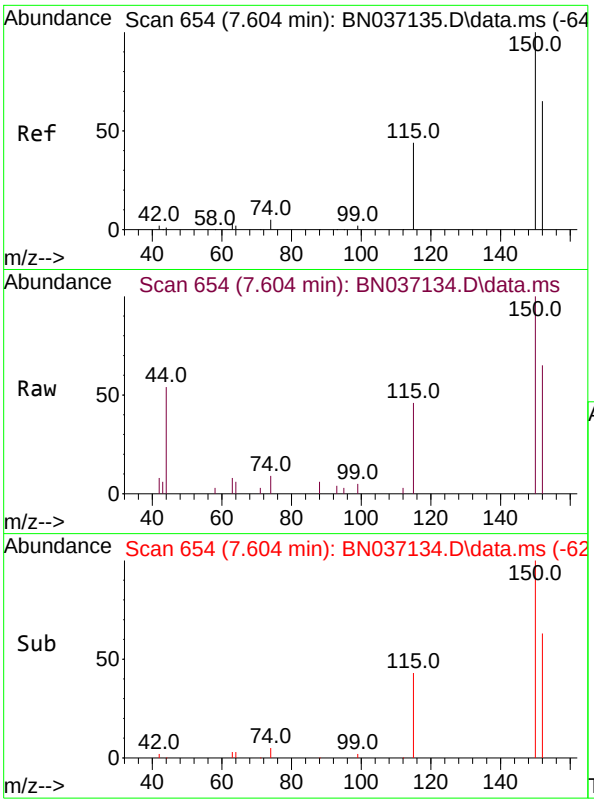
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037134.D
Acq On : 02 Jun 2025 16:21
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 03 02:15:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:14:01 2025
Response via : Initial Calibration



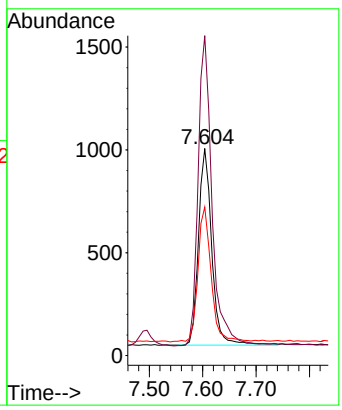


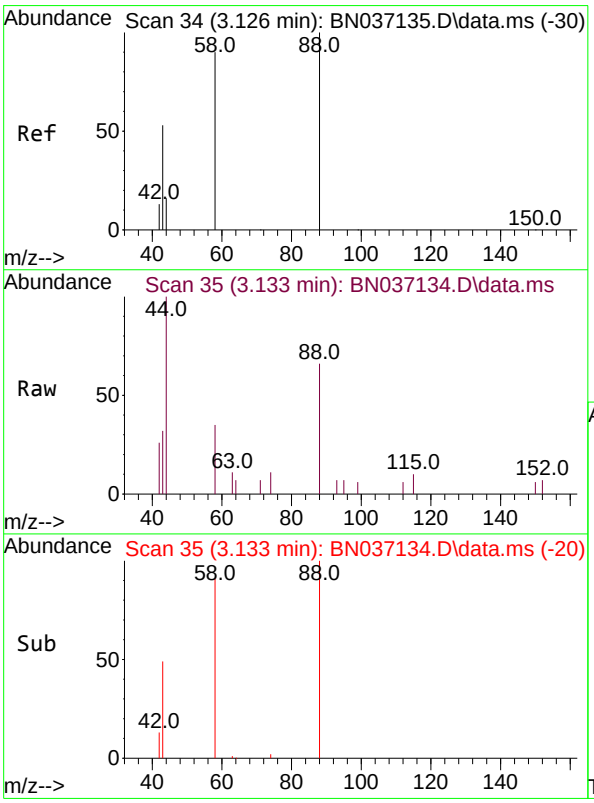
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.604 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1644

Ion	Ratio	Lower	Upper
152	100		
150	154.5	120.6	180.8
115	71.7	56.6	85.0

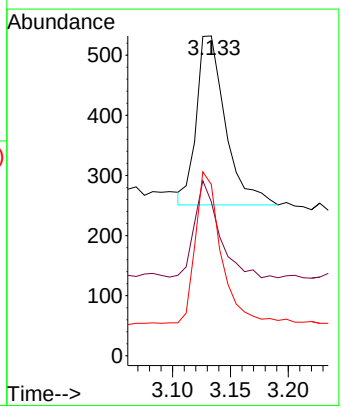


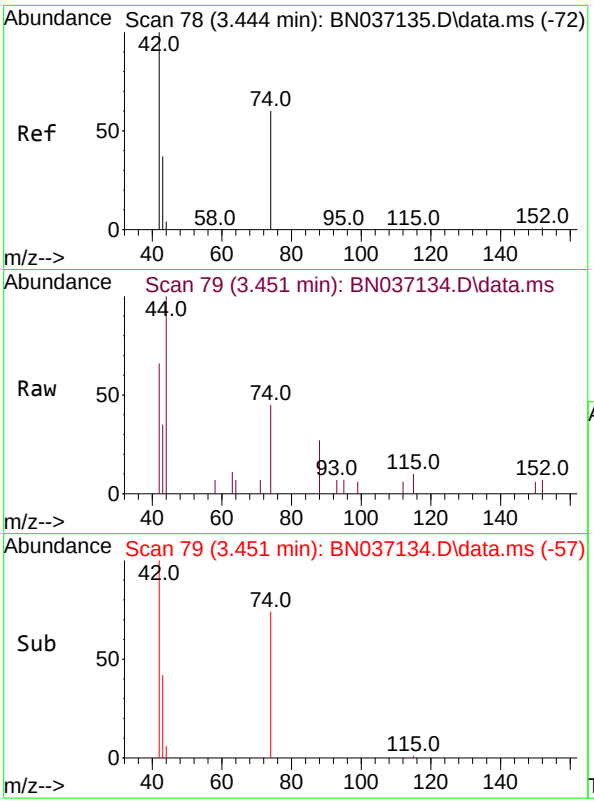


#2
1,4-Dioxane
Concen: 0.222 ng
RT: 3.133 min Scan# 35
Delta R.T. 0.007 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion: 88 Resp: 492

Ion	Ratio	Lower	Upper
88	100		
43	48.8	41.6	62.4
58	82.5	65.8	98.8



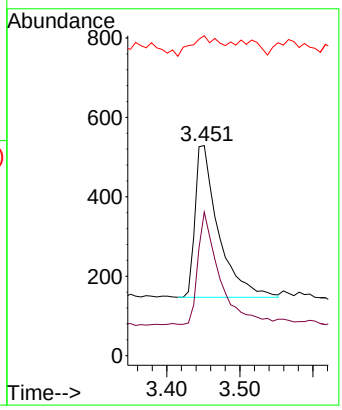


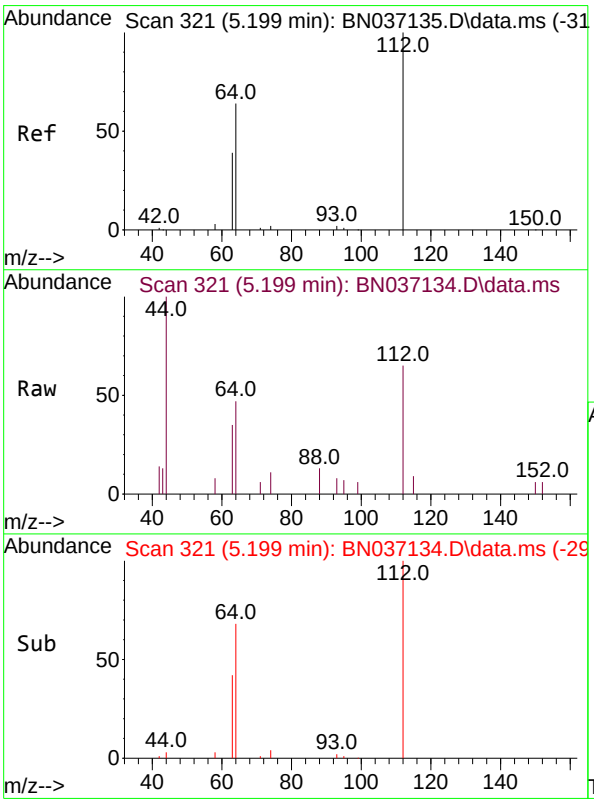
#3
n-Nitrosodimethylamine
Concen: 0.197 ng
RT: 3.451 min Scan# 79
Delta R.T. 0.007 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 847

Ion	Ratio	Lower	Upper
42	100		
74	67.9	53.0	79.4
44	16.1	7.2	10.8#

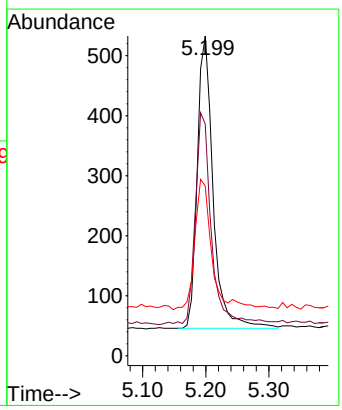


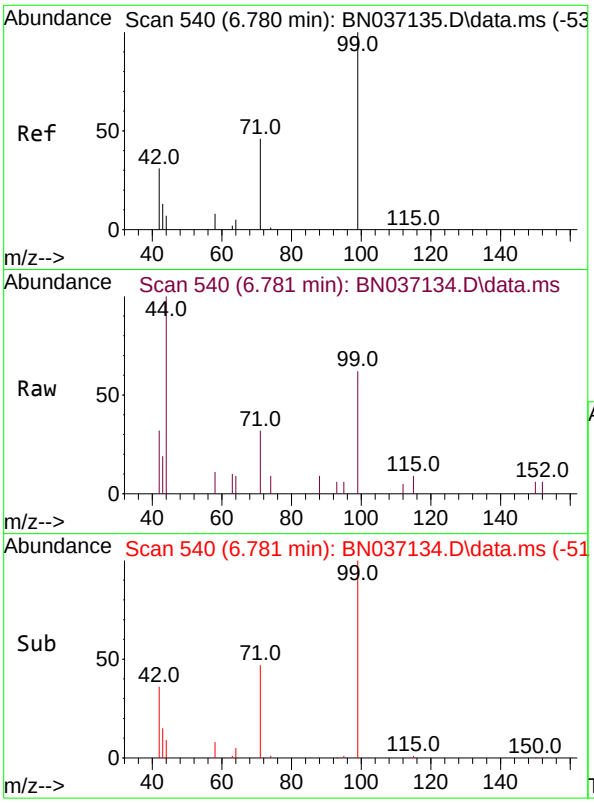


#4
2-Fluorophenol
Concen: 0.207 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:112 Resp: 848

Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.0	84.0
63	44.5	37.0	55.4



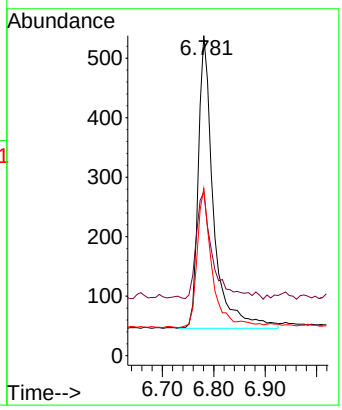


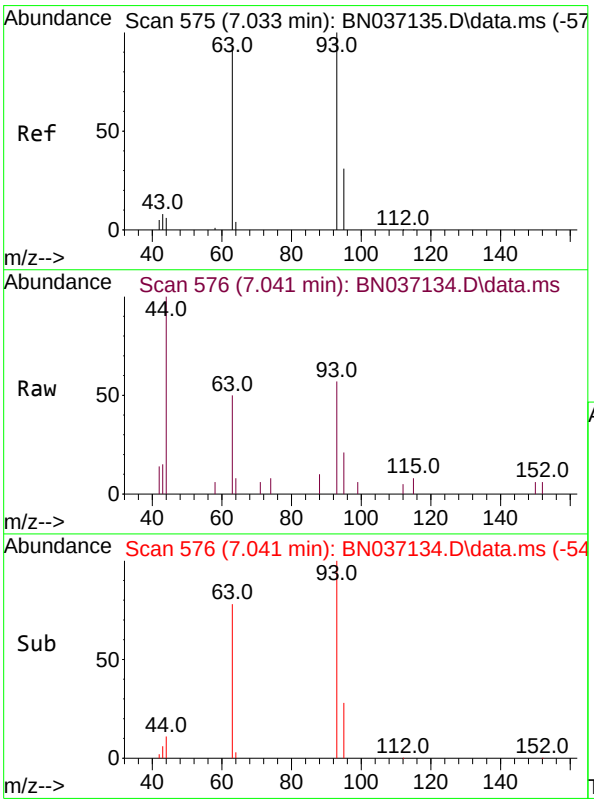
#5
Phenol-d6
Concen: 0.199 ng
RT: 6.781 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1015

Ion	Ratio	Lower	Upper
99	100		
42	39.8	30.5	45.7
71	44.7	39.1	58.7

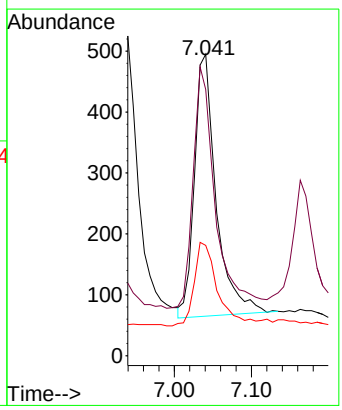


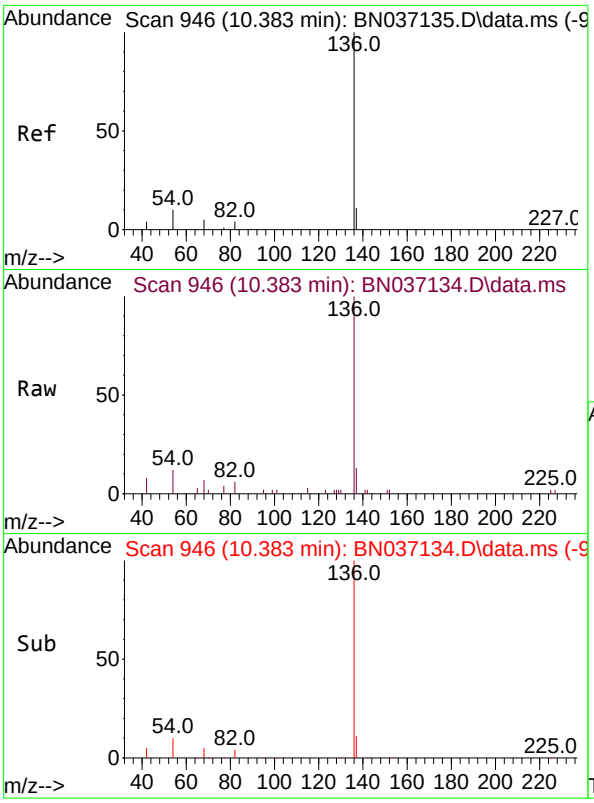


#6
bis(2-Chloroethyl)ether
Concen: 0.183 ng
RT: 7.041 min Scan# 576
Delta R.T. 0.007 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion: 93 Resp: 841

Ion	Ratio	Lower	Upper
93	100		
63	93.8	68.4	102.6
95	34.7	24.2	36.4



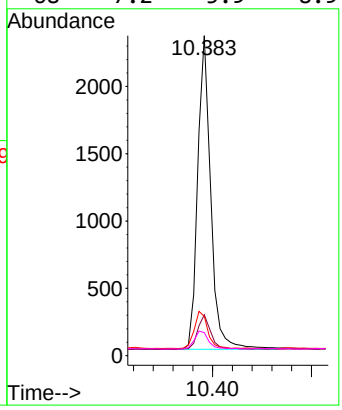


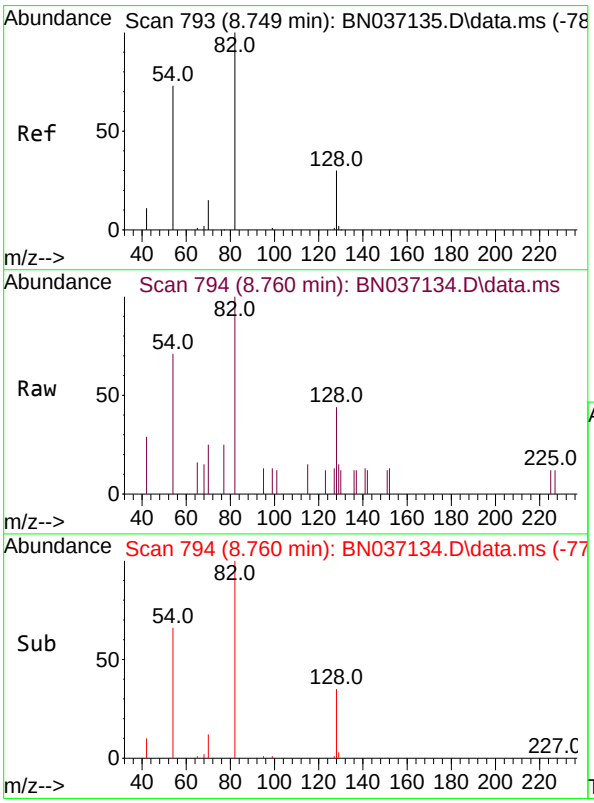
#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.383 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4276

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.3	15.5
54	12.3	9.9	14.9
68	7.2	5.9	8.9

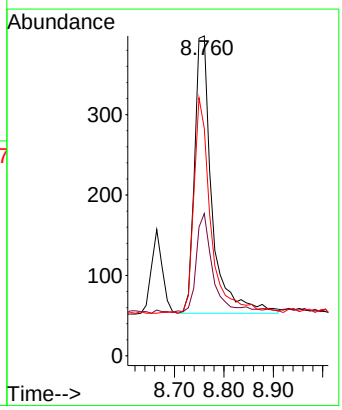


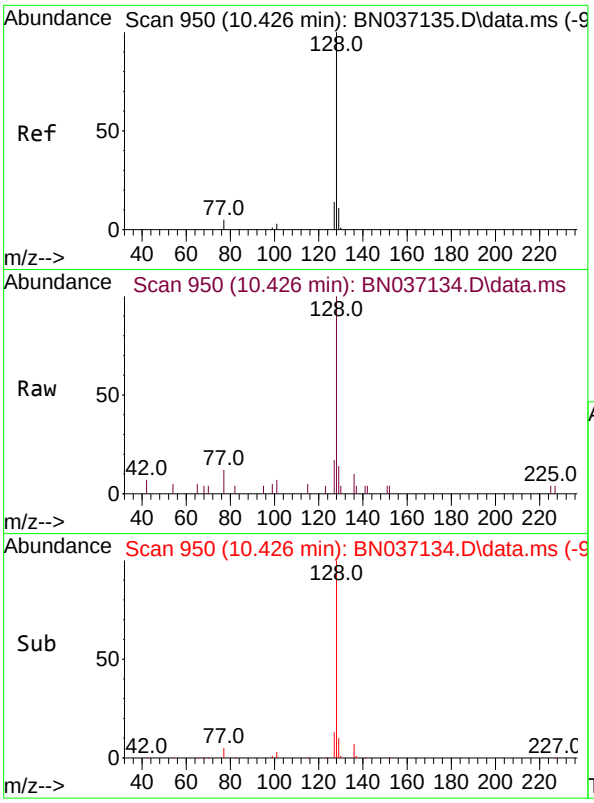


#8
Nitrobenzene-d5
Concen: 0.186 ng
RT: 8.760 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion: 82 Resp: 846

Ion	Ratio	Lower	Upper
82	100		
128	44.5	28.2	42.2#
54	71.1	60.2	90.2



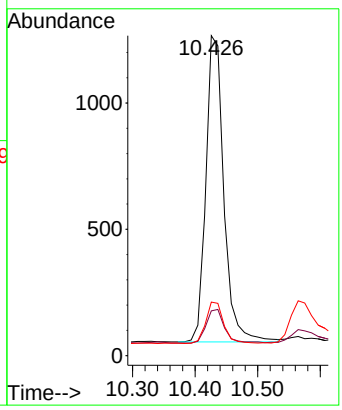


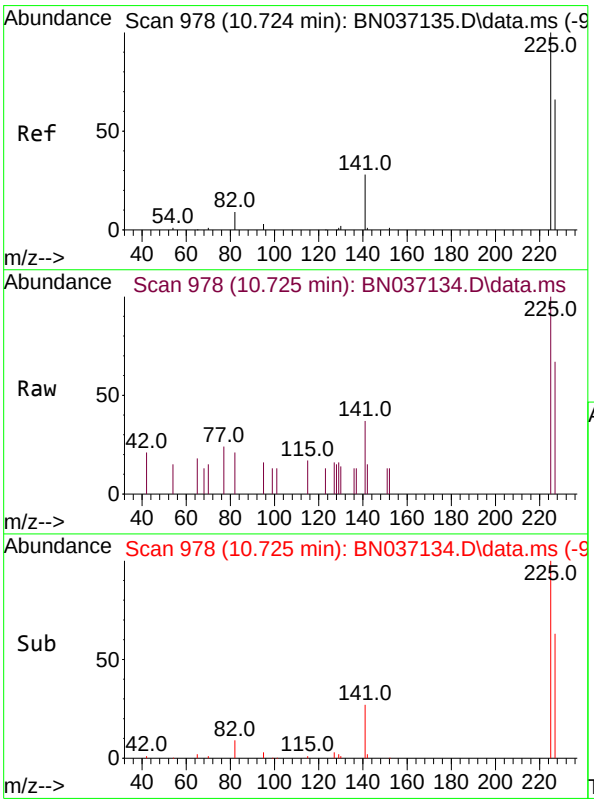
#9
Naphthalene
Concen: 0.198 ng
RT: 10.426 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2430

Ion	Ratio	Lower	Upper
128	100		
129	14.0	10.2	15.4
127	16.7	12.6	18.8

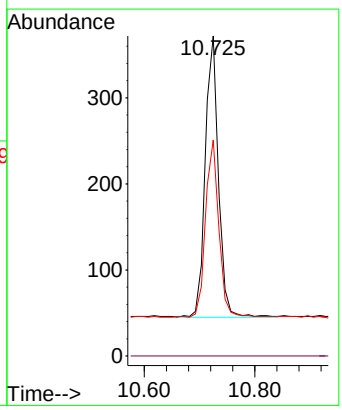


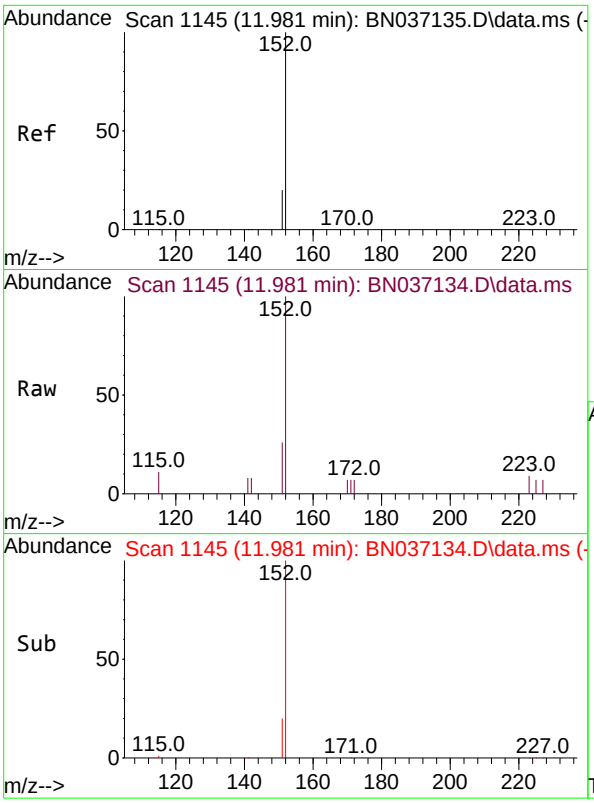


#10
Hexachlorobutadiene
Concen: 0.205 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:225 Resp: 542

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.8	77.8



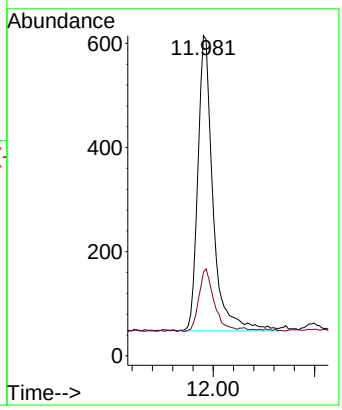


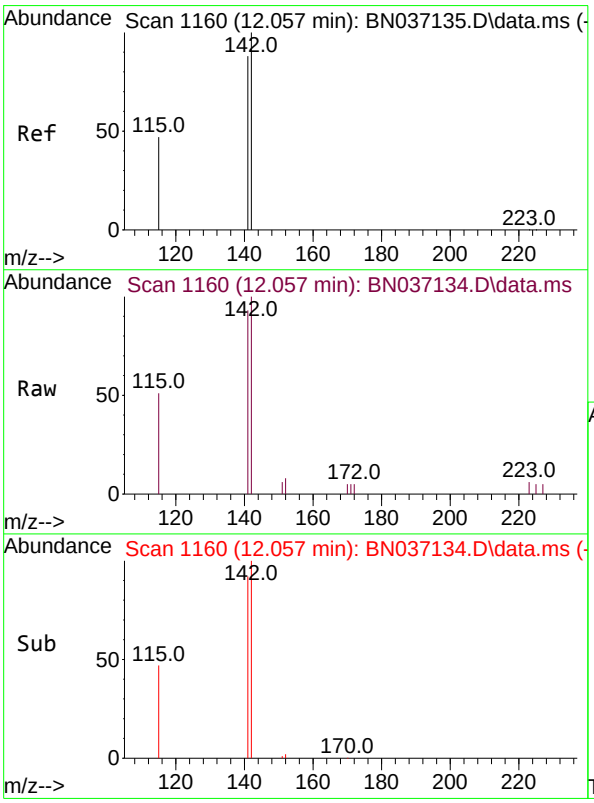
#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 11.981 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1174

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.8	26.6

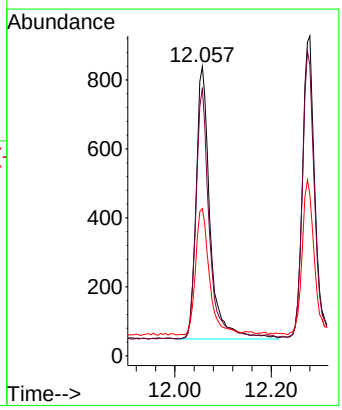


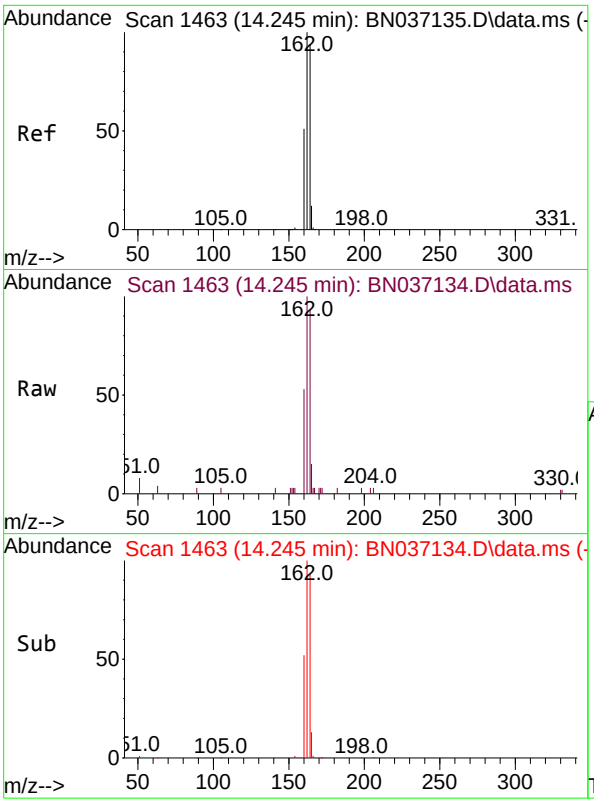


#12
2-Methylnaphthalene
Concen: 0.194 ng
RT: 12.057 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:142 Resp: 1581

Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.6	106.0
115	50.9	39.7	59.5



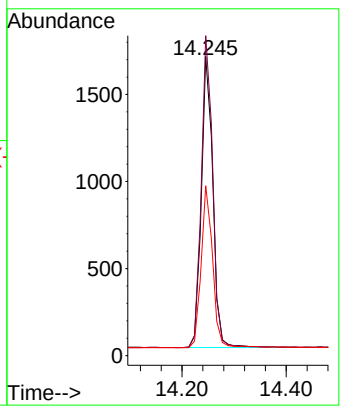


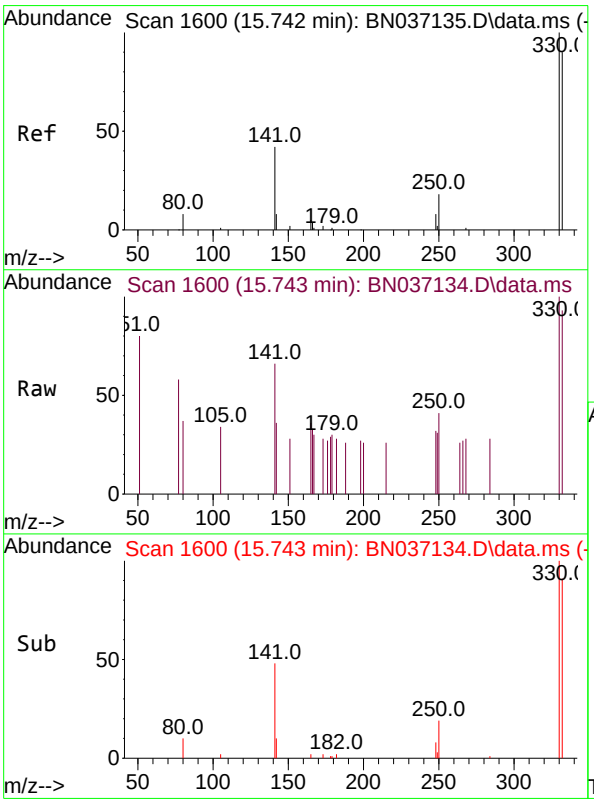
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2554

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	56.8	44.2	66.4

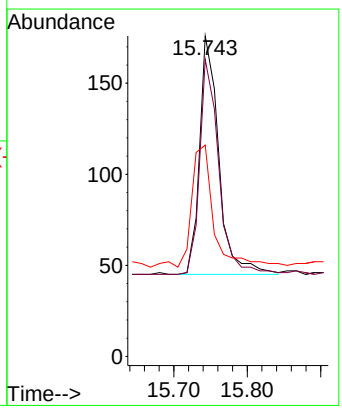


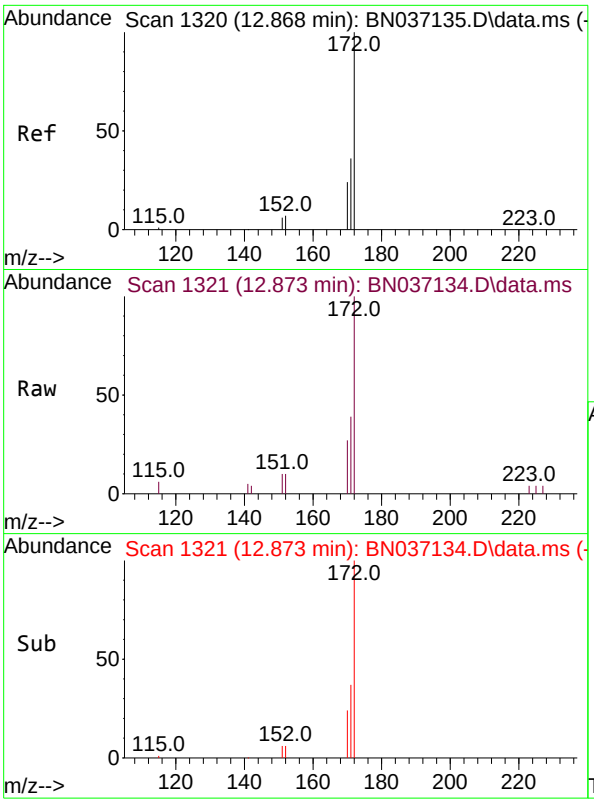


#14
2,4,6-Tribromophenol
Concen: 0.199 ng
RT: 15.743 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:330 Resp: 239

Ion	Ratio	Lower	Upper
330	100		
332	89.5	76.6	115.0
141	59.4	47.3	70.9



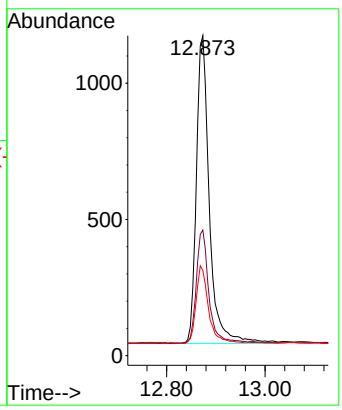


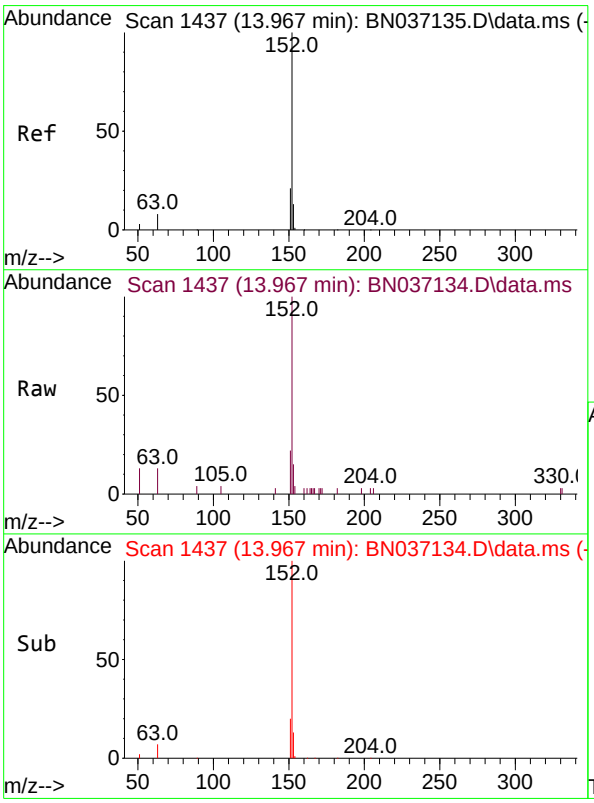
#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 12.873 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2190

Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.9	44.9
170	26.6	20.5	30.7

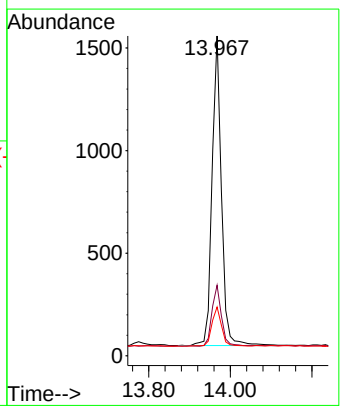


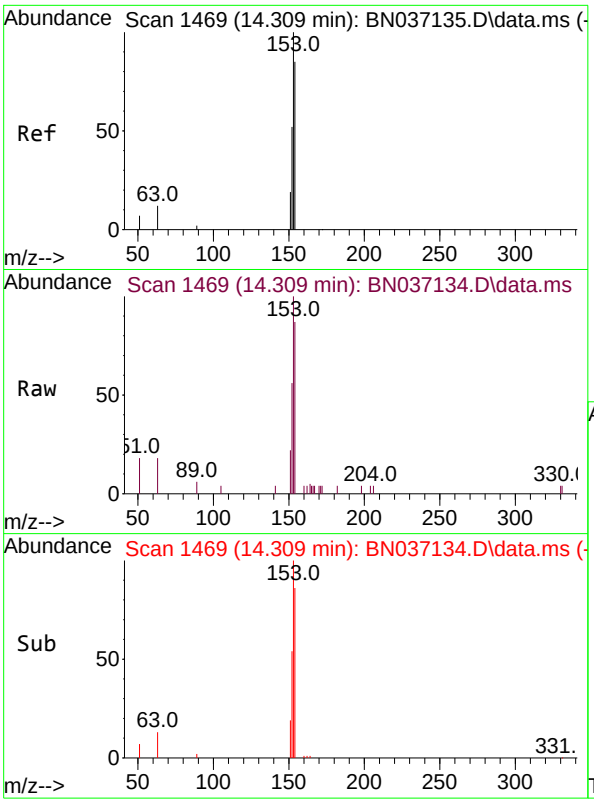


#16
Acenaphthylene
Concen: 0.194 ng
RT: 13.967 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:152 Resp: 2408

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.2	10.5	15.7



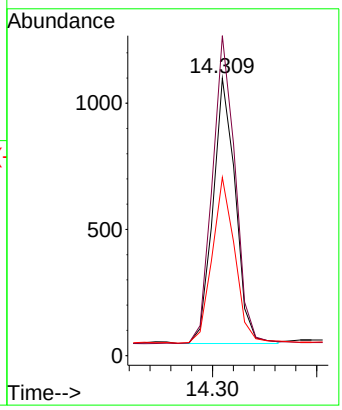


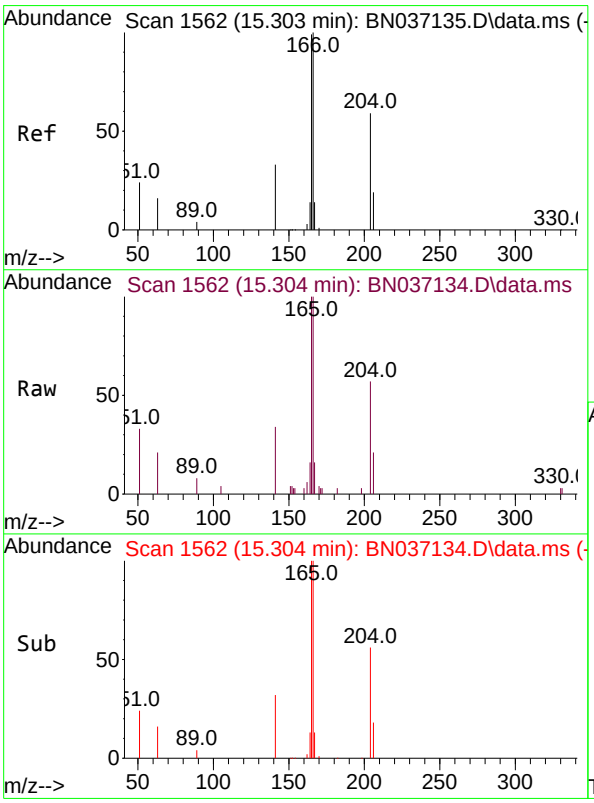
#17
Acenaphthene
Concen: 0.195 ng
RT: 14.309 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1574

Ion	Ratio	Lower	Upper
154	100		
153	119.4	95.4	143.2
152	63.3	50.6	75.8

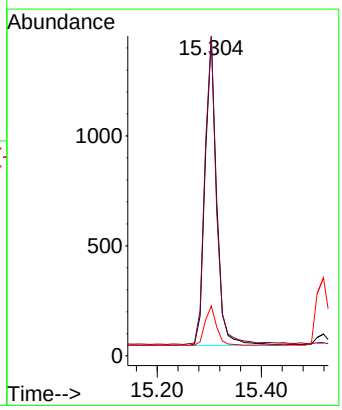


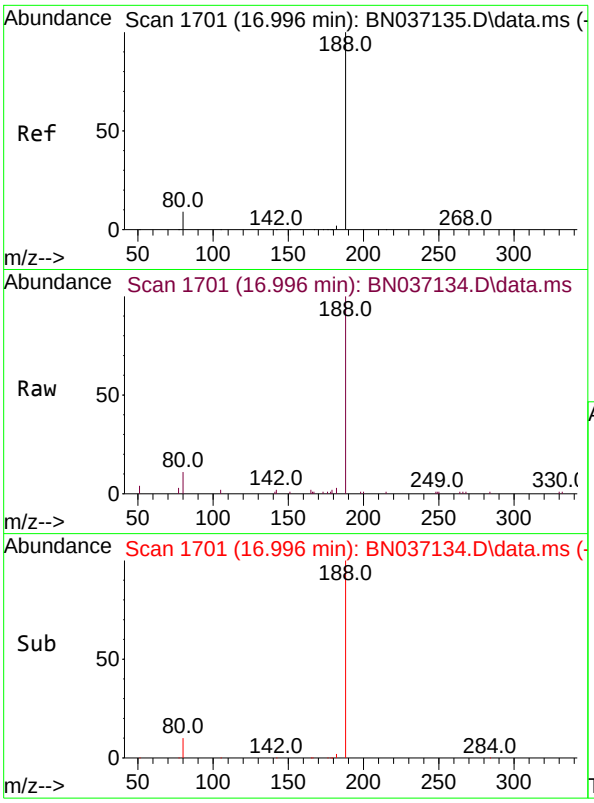


#18
Fluorene
Concen: 0.196 ng
RT: 15.304 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:166 Resp: 2173

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.4	122.0
167	13.0	10.9	16.3



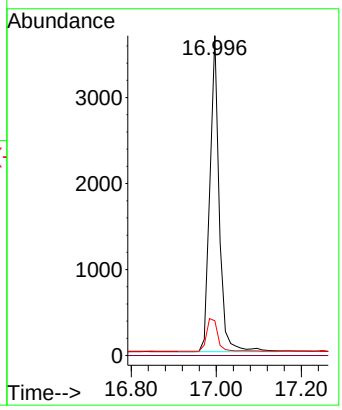


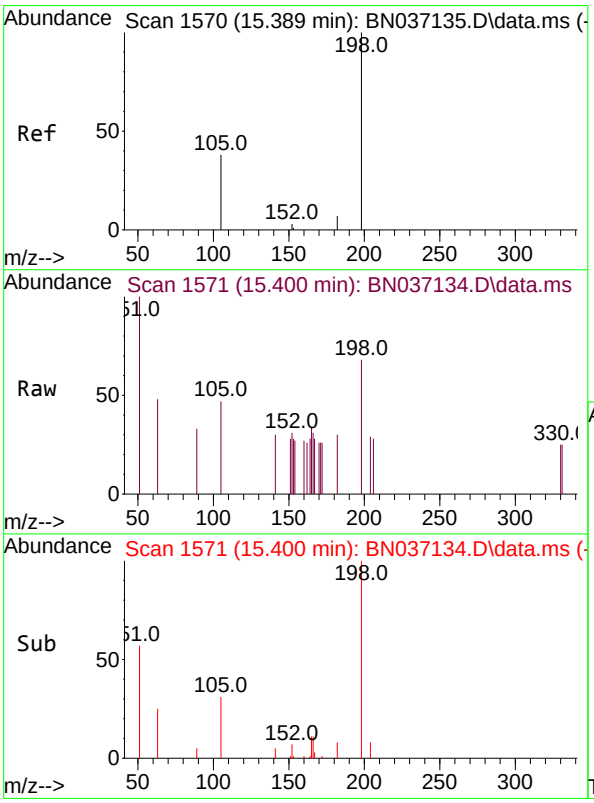
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.996 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5606

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	8.4	12.6

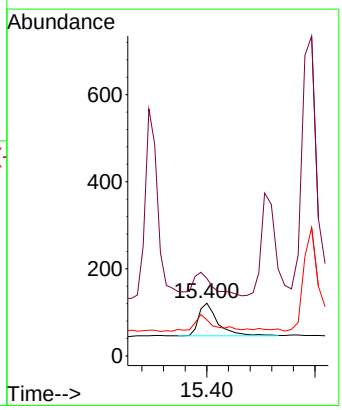


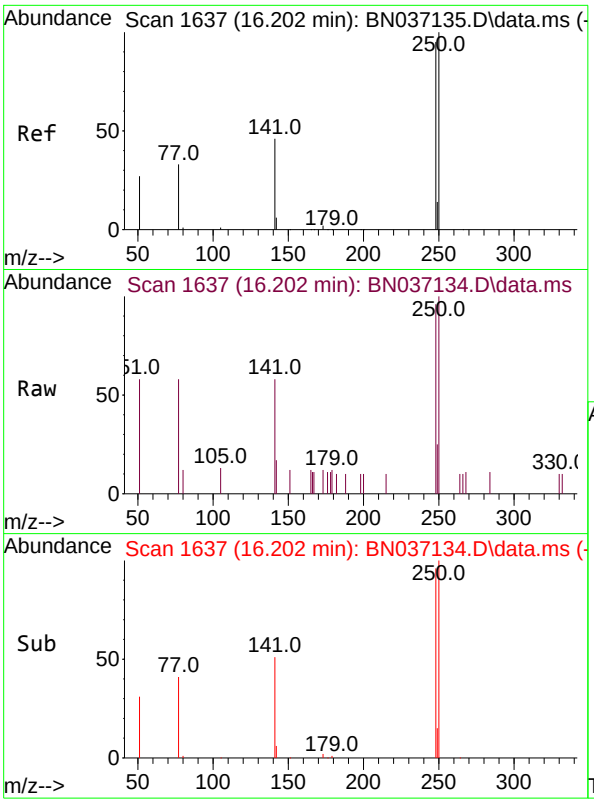


#20
4,6-Dinitro-2-methylphenol
Concen: 0.144 ng
RT: 15.400 min Scan# 1571
Delta R.T. 0.011 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:198 Resp: 188

Ion	Ratio	Lower	Upper
198	100		
51	147.1	109.0	163.6
105	68.6	43.0	64.4#



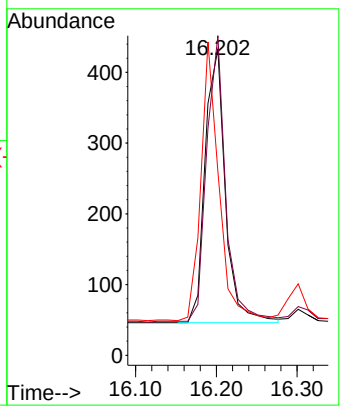


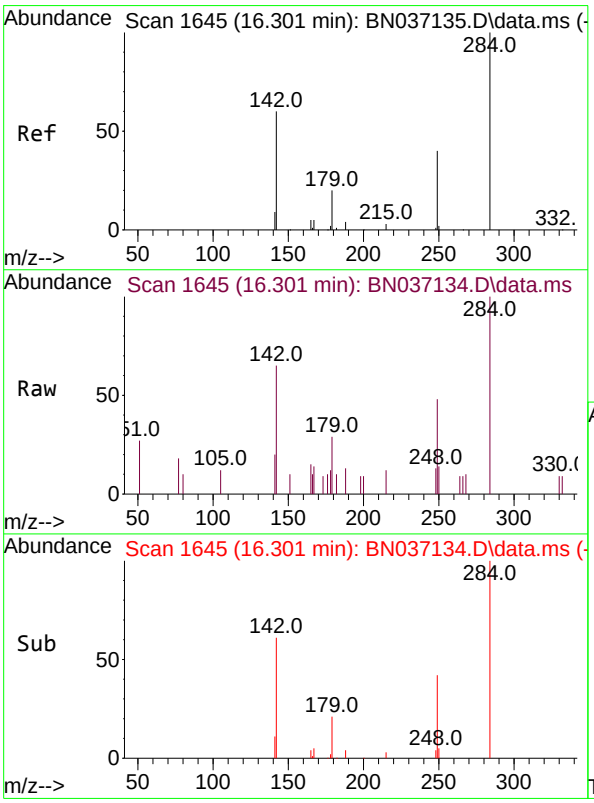
#21
4-Bromophenyl-phenylether
Concen: 0.190 ng
RT: 16.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 676

Ion	Ratio	Lower	Upper
248	100		
250	104.4	83.8	125.6
141	60.0	41.9	62.9

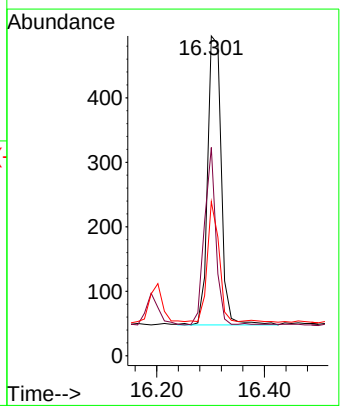


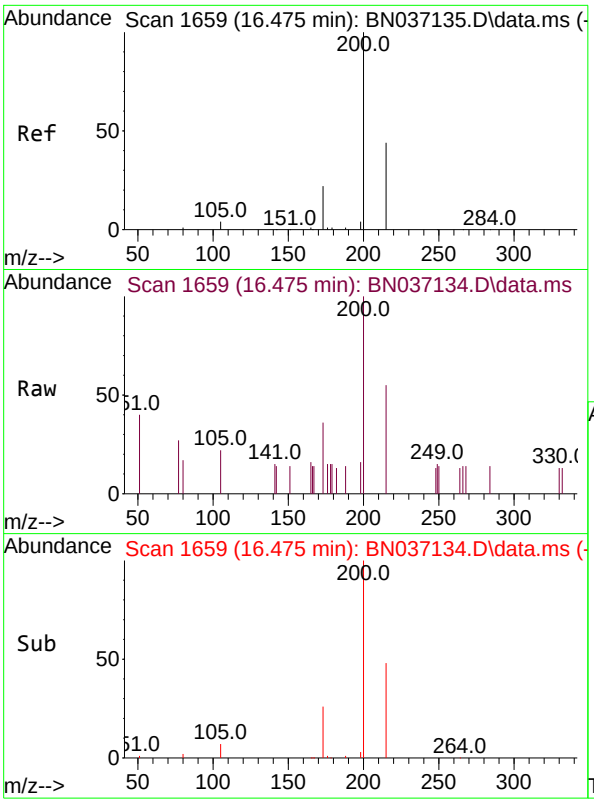


#22
Hexachlorobenzene
Concen: 0.204 ng
RT: 16.301 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:284 Resp: 790

Ion	Ratio	Lower	Upper
284	100		
142	51.4	43.0	64.6
249	36.5	29.4	44.0



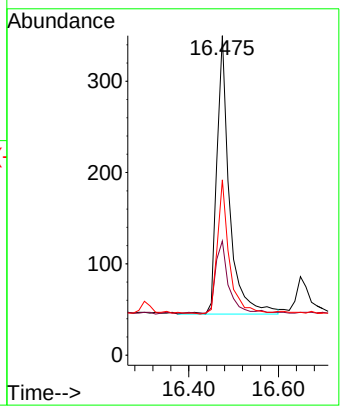


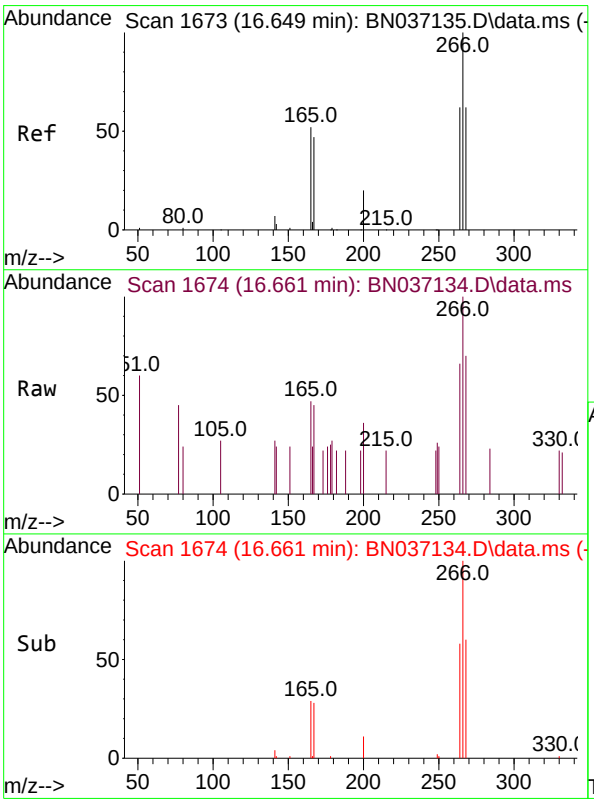
#23
Atrazine
Concen: 0.184 ng
RT: 16.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 591

Ion	Ratio	Lower	Upper
200	100		
173	35.7	22.3	33.5#
215	54.9	38.3	57.5

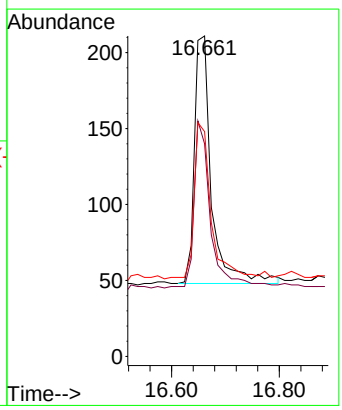


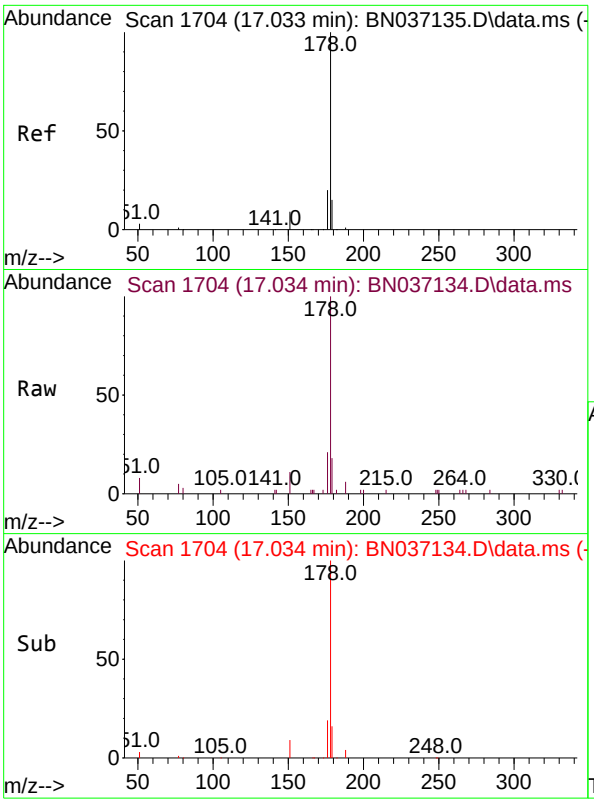


#24
Pentachlorophenol
Concen: 0.169 ng
RT: 16.661 min Scan# 1674
Delta R.T. 0.013 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:266 Resp: 357

Ion	Ratio	Lower	Upper
266	100		
264	65.8	49.0	73.4
268	61.1	51.6	77.4



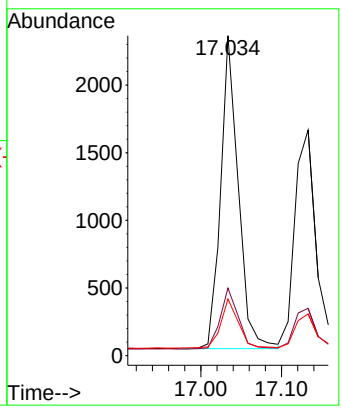


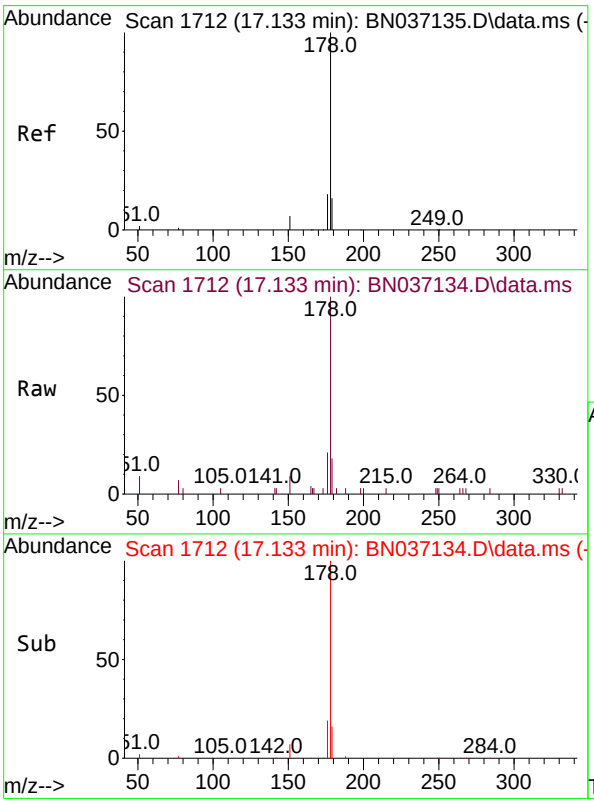
#25
Phenanthrene
Concen: 0.193 ng
RT: 17.034 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3508

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	15.8	12.4	18.6

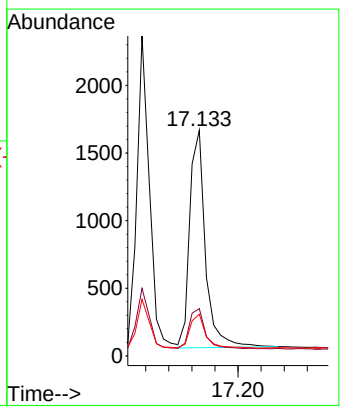


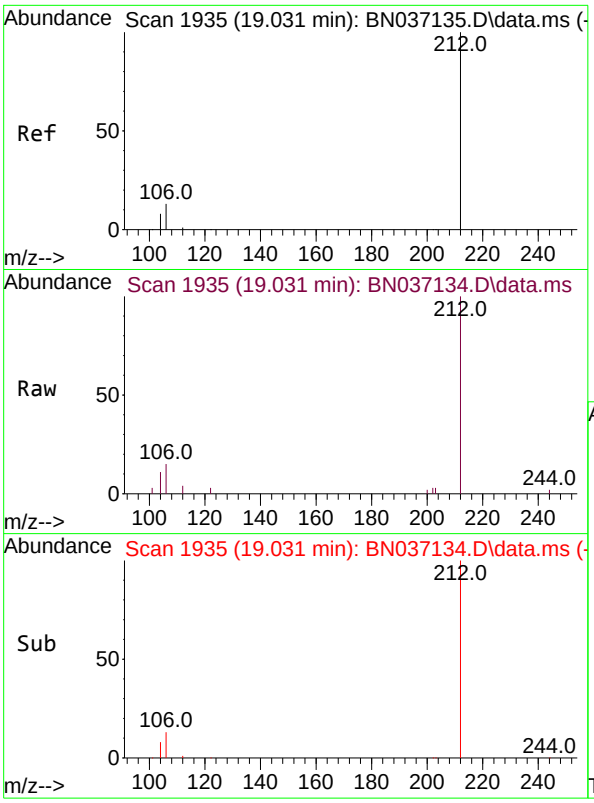


#26
Anthracene
Concen: 0.183 ng
RT: 17.133 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:178 Resp: 3044

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.7	12.3	18.5



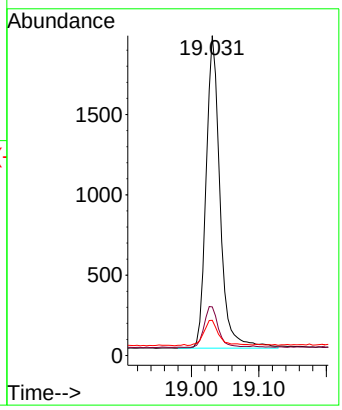


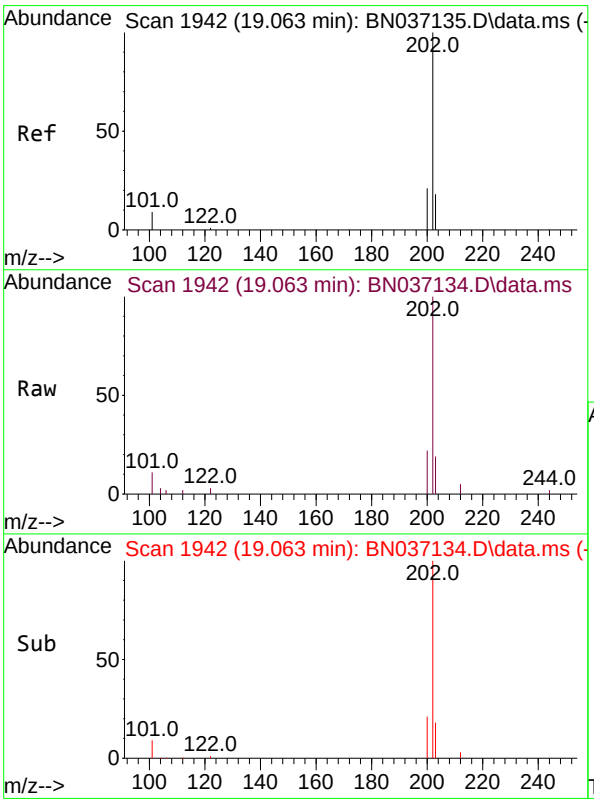
#27
Fluoranthene-d10
Concen: 0.184 ng
RT: 19.031 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 2796

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.8	16.2
104	8.6	6.8	10.2

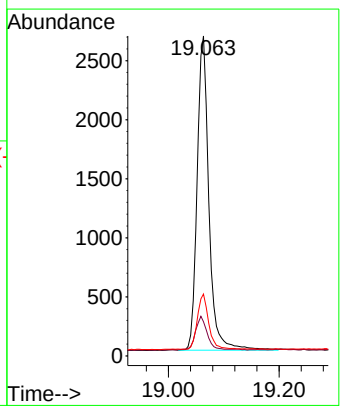


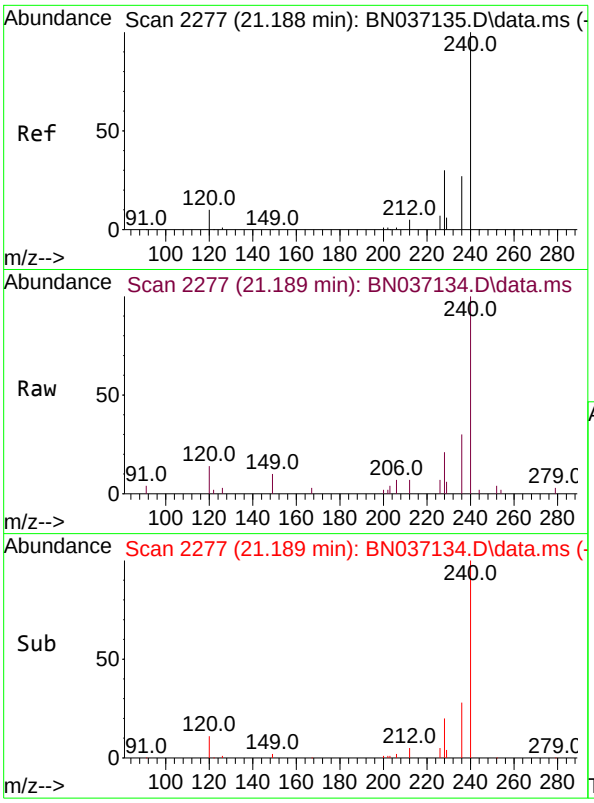


#28
Fluoranthene
Concen: 0.182 ng
RT: 19.063 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:202 Resp: 3896

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	16.8	13.6	20.4



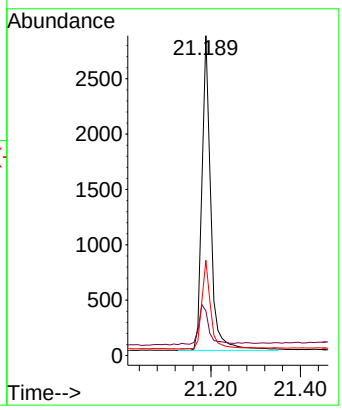


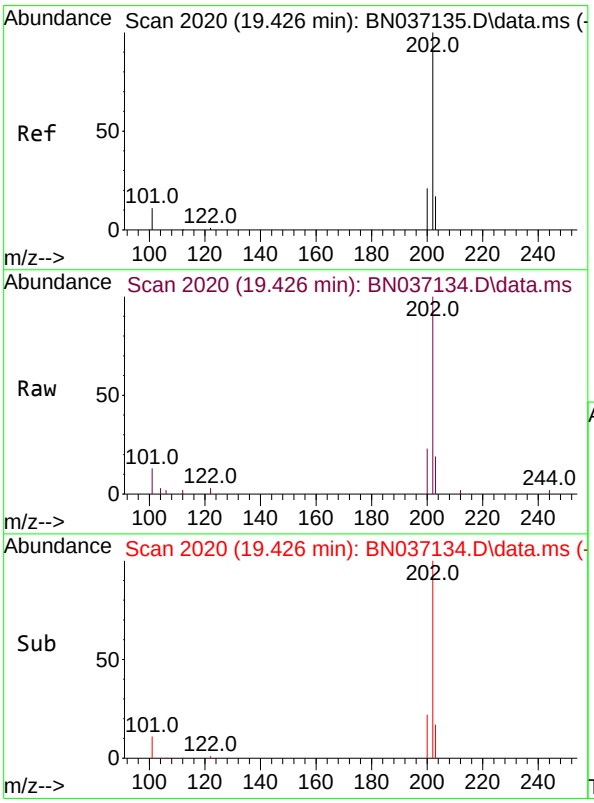
#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.189 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3943

Ion	Ratio	Lower	Upper
240	100		
120	14.0	10.5	15.7
236	29.8	23.0	34.6

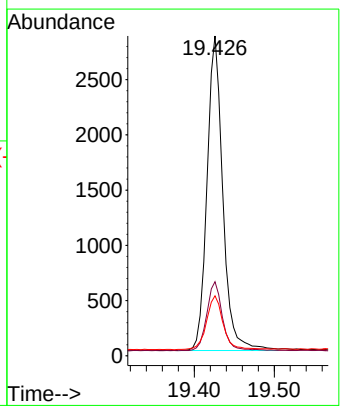


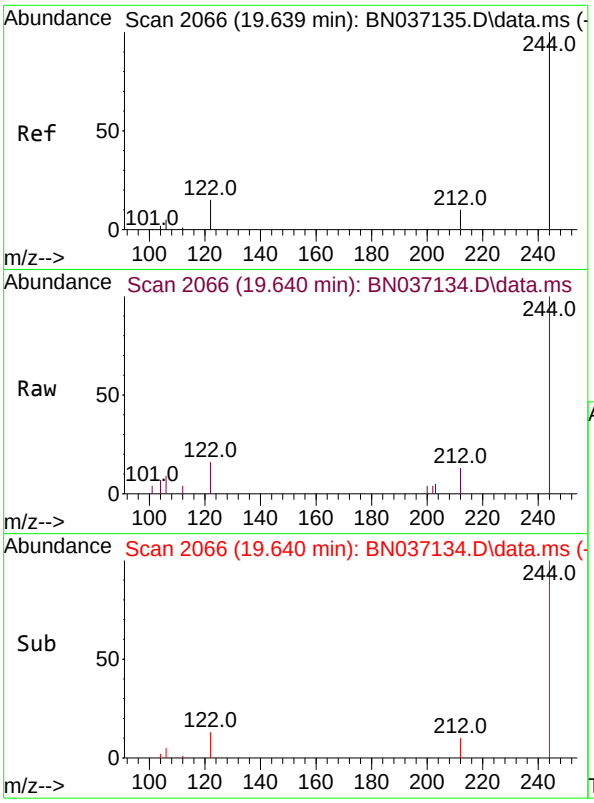


#30
Pyrene
Concen: 0.209 ng
RT: 19.426 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:202 Resp: 3907

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.6
203	18.3	14.2	21.4



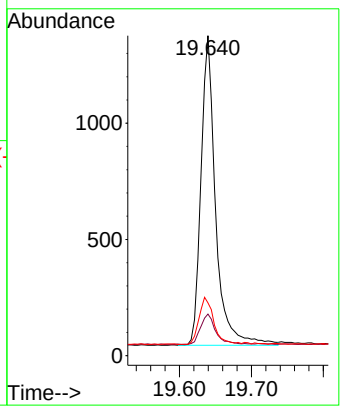


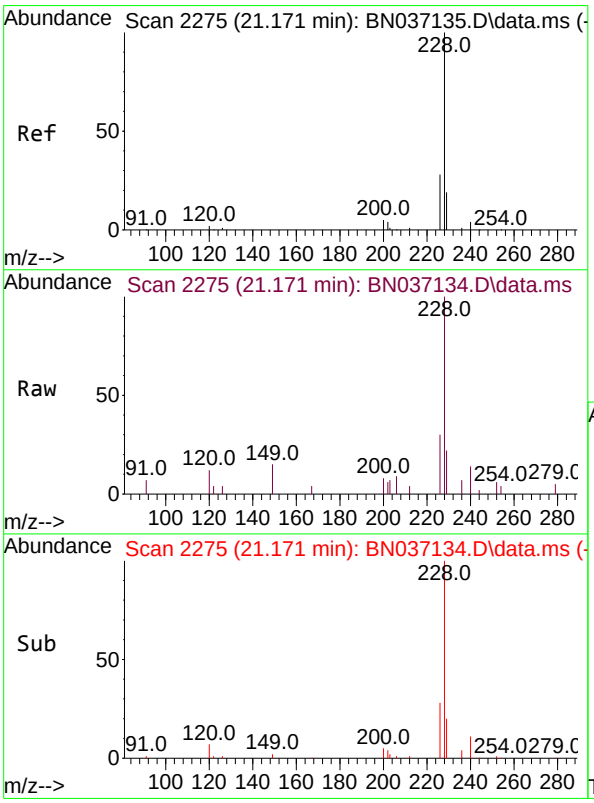
#31
Terphenyl-d14
Concen: 0.203 ng
RT: 19.640 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 1884

Ion	Ratio	Lower	Upper
244	100		
212	13.0	9.2	13.8
122	16.5	13.2	19.8

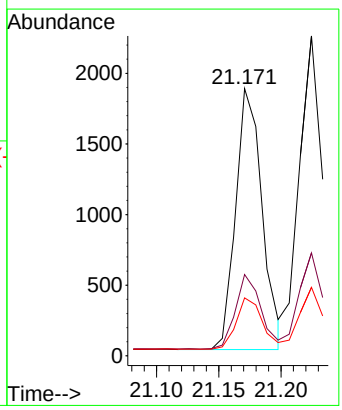


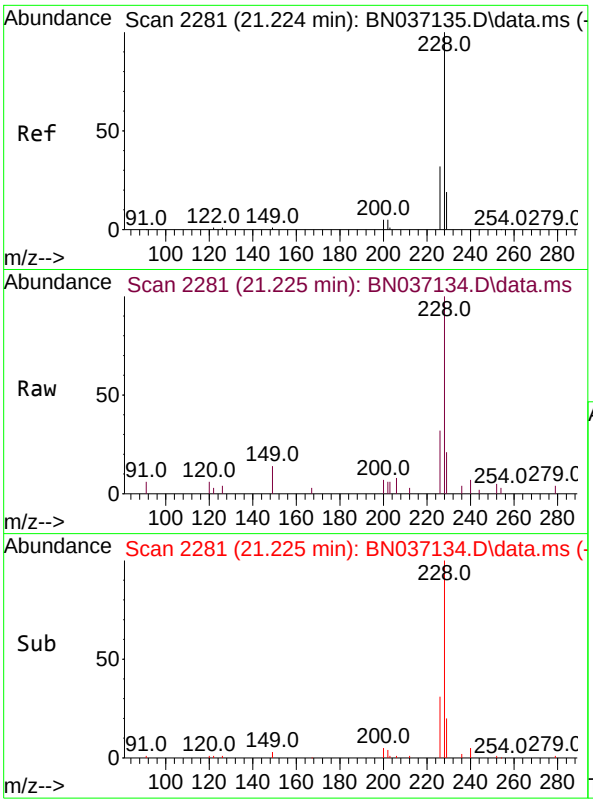


#32
Benzo(a)anthracene
Concen: 0.191 ng
RT: 21.171 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:228 Resp: 2732

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.4
229	21.7	15.8	23.8



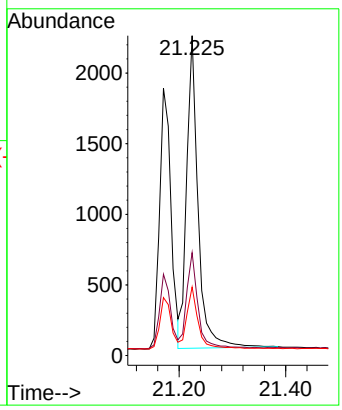


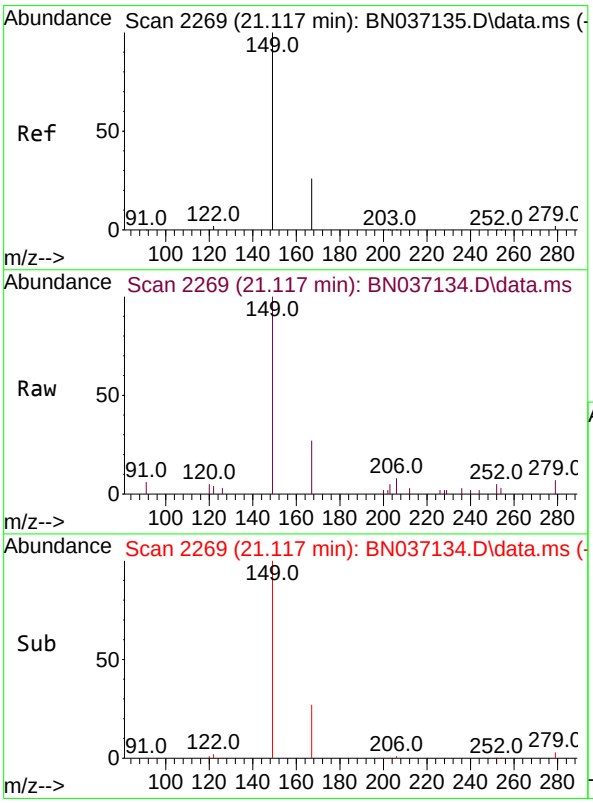
#33
Chrysene
Concen: 0.206 ng
RT: 21.225 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 3278

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.7	38.5
229	21.4	16.3	24.5

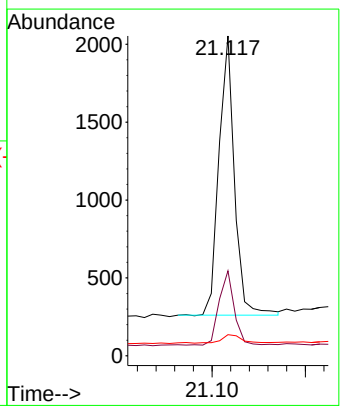


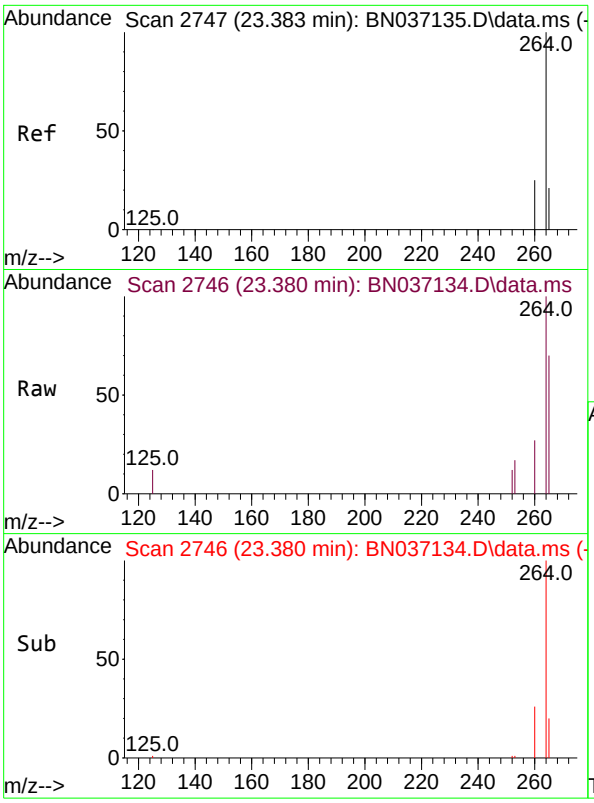


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.204 ng
RT: 21.117 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:149 Resp: 2079

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.7	31.1
279	4.0	2.8	4.2



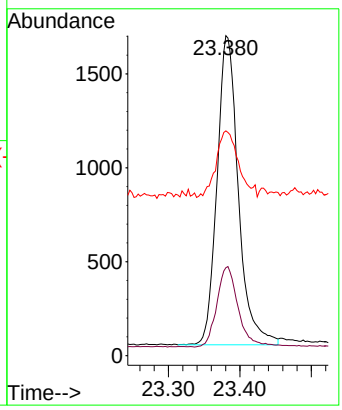


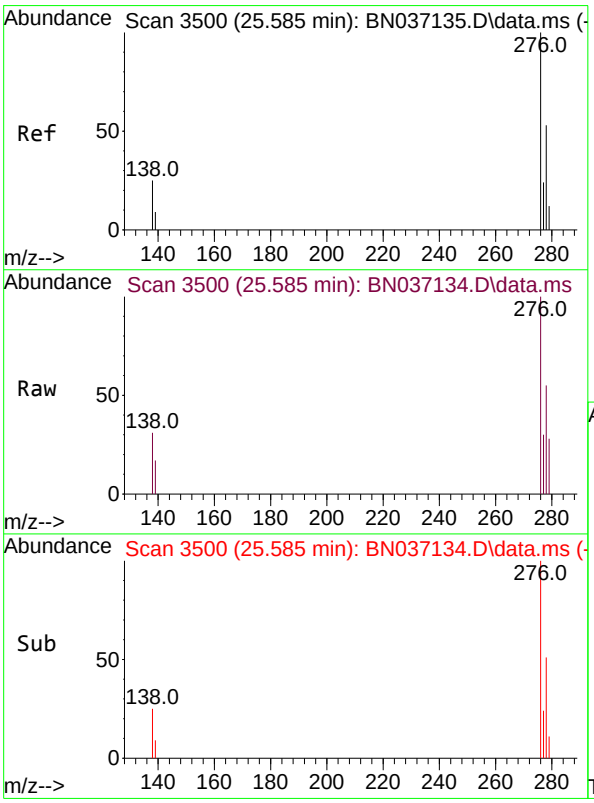
#35
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 3415

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.4	32.2
265	70.2	51.2	76.8

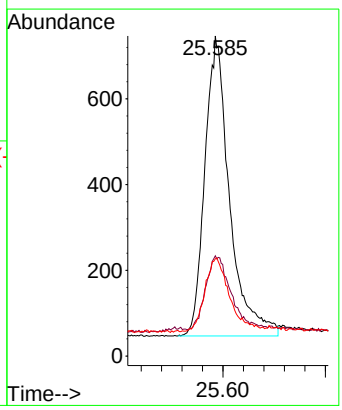


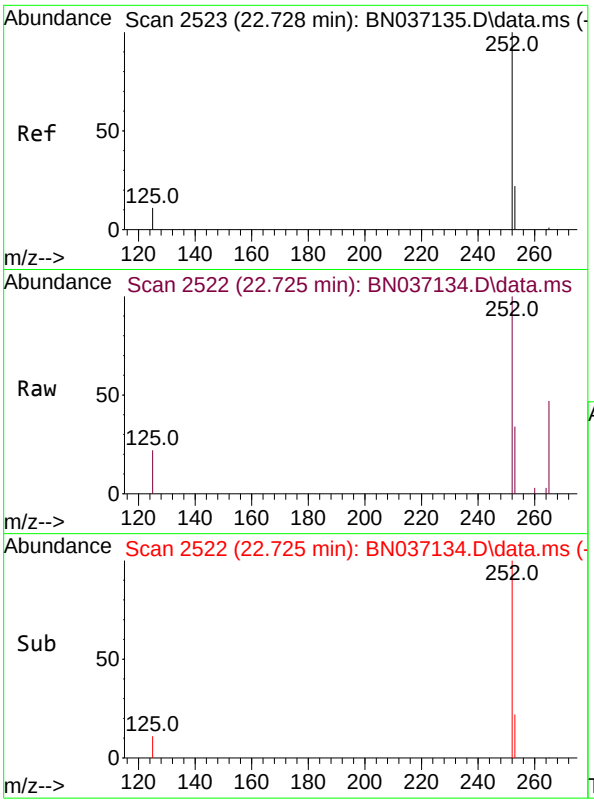


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng
RT: 25.585 min Scan# 3500
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:276 Resp: 2336

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.5	29.3
277	24.5	19.5	29.3



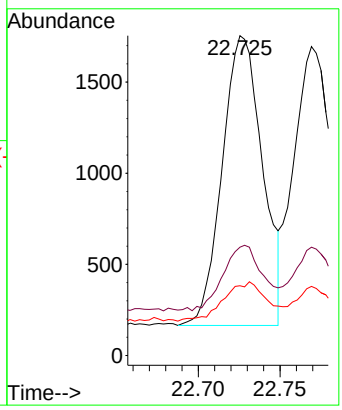


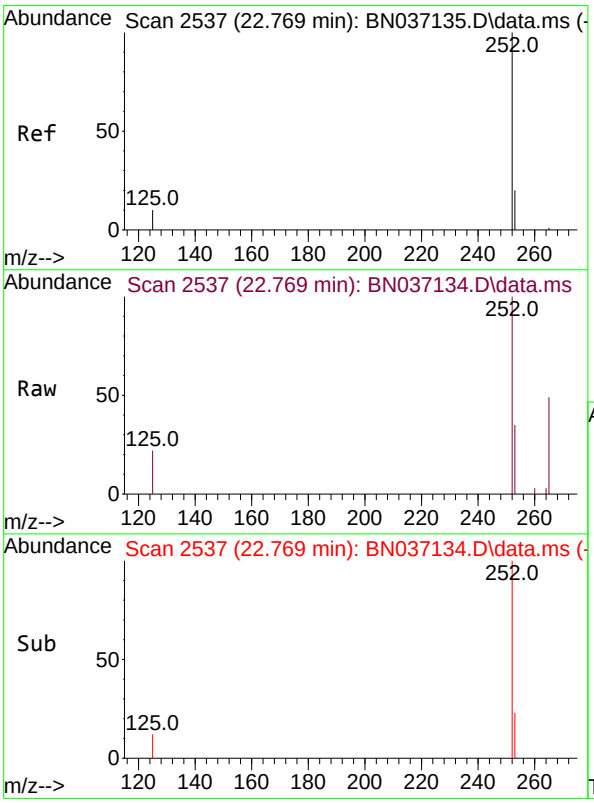
#37
Benzo(b)fluoranthene
Concen: 0.195 ng
RT: 22.725 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2729

Ion	Ratio	Lower	Upper
252	100		
253	33.8	22.6	34.0
125	21.8	13.0	19.6#

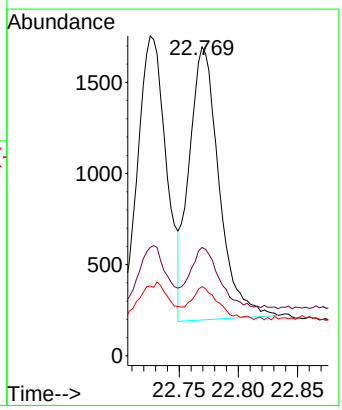


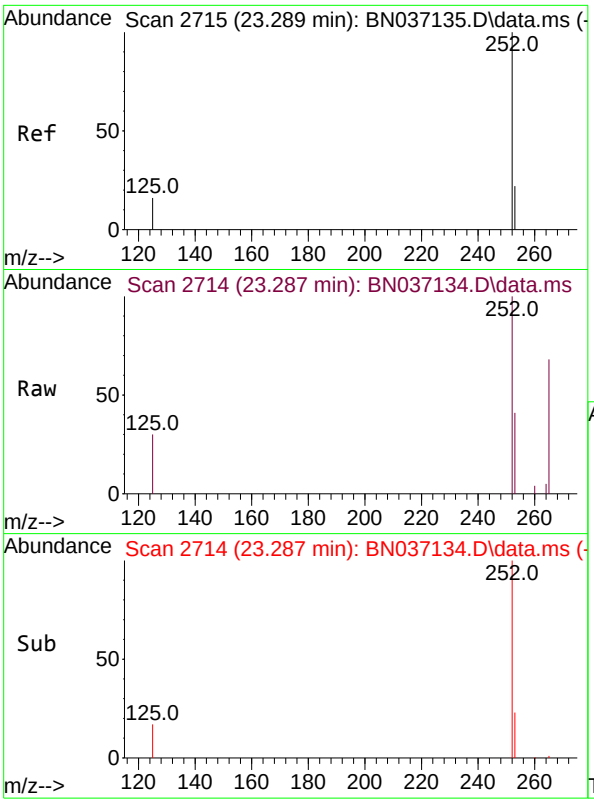


#38
Benzo(k)fluoranthene
Concen: 0.188 ng
RT: 22.769 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:252 Resp: 2636

Ion	Ratio	Lower	Upper
252	100		
253	35.0	21.8	32.8#
125	22.4	13.2	19.8#



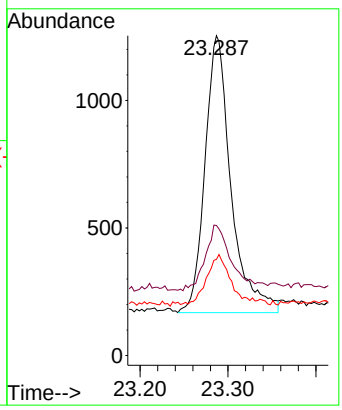


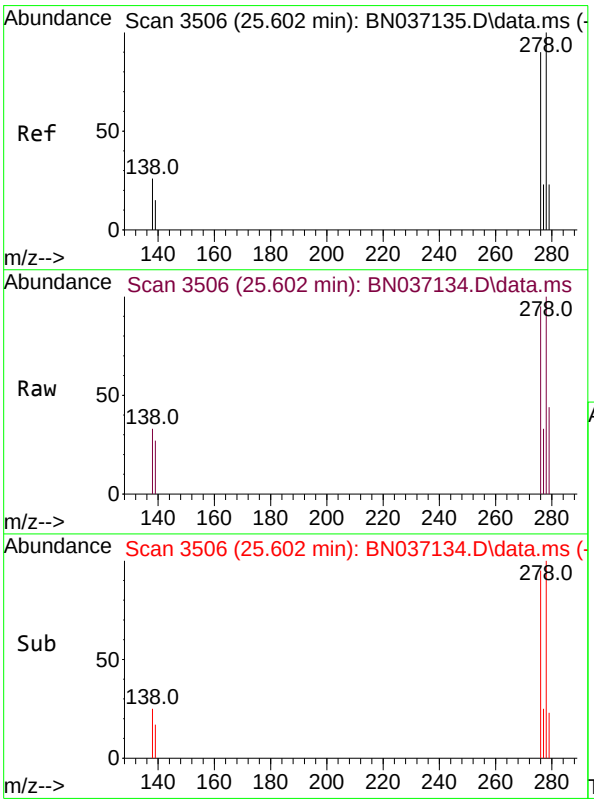
#39
Benzo(a)pyrene
Concen: 0.194 ng
RT: 23.287 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2238

Ion	Ratio	Lower	Upper
252	100		
253	40.7	24.8	37.2#
125	30.1	18.7	28.1#

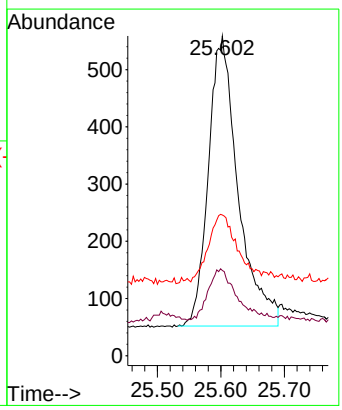


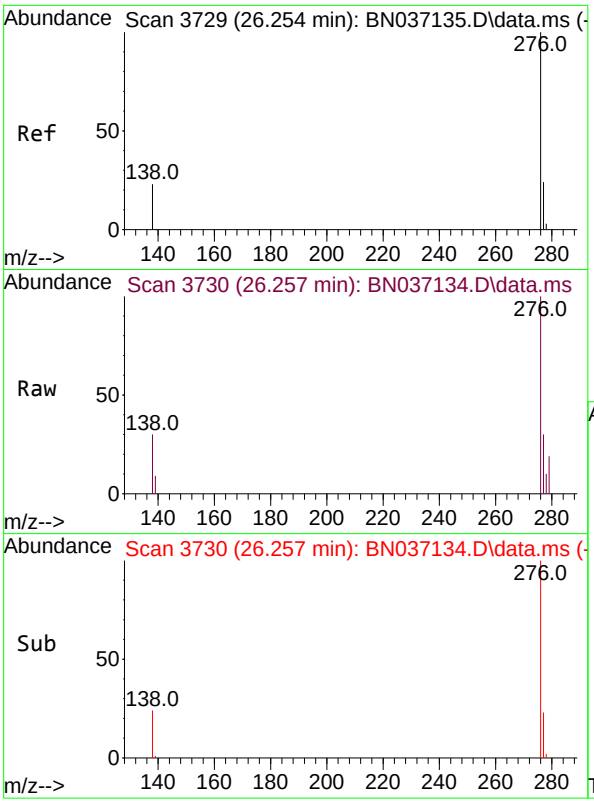


#40
Dibenzo(a,h)anthracene
Concen: 0.176 ng
RT: 25.602 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Tgt Ion:278 Resp: 1652

Ion	Ratio	Lower	Upper
278	100		
139	26.7	17.2	25.8#
279	44.0	26.0	39.0#





#41
Benzo(g,h,i)perylene
Concen: 0.196 ng
RT: 26.257 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN037134.D
Acq: 02 Jun 2025 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 2187

Ion	Ratio	Lower	Upper
276	100		
277	30.4	21.9	32.9
138	30.4	20.7	31.1