Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037137.D
Acq On : 02 Jun 2025 18:10
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 03 02:16:33 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	1808	20.000	ng		0.00
7) Naphthalene-d8	10.383	136	4689	20.000	ng		0.00
13) Acenaphthene-d10	14.245	164	2878	20.000	ng		0.00
19) Phenanthrene-d10	16.996	188	6035	20.000	ng		0.00
29) Chrysene-d12	21.189	240	5242	20.000	ng		0.00
35) Perylene-d12	23.380	264	4718	20.000	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	7450	1.655	ng		0.00
5) Phenol-d6	6.781	99	9446	1.685	ng		0.00
8) Nitrobenzene-d5	8.749	82	8568	1.718	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	11454	1.709	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	2302	1.700	ng		0.00
15) 2-Fluorobiphenyl	12.868	172	20620	1.729	ng		0.00
27) Fluoranthene-d10	19.031	212	28205	1.727	ng		0.00
31) Terphenyl-d14	19.635	244	20650	1.674	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	3689	1.514	ng		94
3) n-Nitrosodimethylamine	3.437	42	8209	1.732	ng	#	98
6) bis(2-Chloroethyl)ether	7.033	93	8857	1.748	ng		97
9) Naphthalene	10.426	128	22731	1.687	ng		96
10) Hexachlorobutadiene	10.725	225	4806	1.661	ng	#	98
12) 2-Methylnaphthalene	12.052	142	15454	1.728	ng		98
16) Acenaphthylene	13.967	152	24069	1.720	ng		99
17) Acenaphthene	14.309	154	15563	1.710	ng		97
18) Fluorene	15.304	166	21401	1.709	ng		99
20) 4,6-Dinitro-2-methylph...	15.389	198	2750	1.953	ng	#	35
21) 4-Bromophenyl-phenylether	16.190	248	6677	1.747	ng	#	70
22) Hexachlorobenzene	16.301	284	6981	1.671	ng		100
23) Atrazine	16.463	200	6176	1.786	ng		91
24) Pentachlorophenol	16.649	266	4045	1.780	ng		98
25) Phenanthrene	17.034	178	33869	1.734	ng		99
26) Anthracene	17.120	178	31530	1.759	ng		99
28) Fluoranthene	19.059	202	40811	1.772	ng		99
30) Pyrene	19.421	202	41151	1.658	ng		100
32) Benzo(a)anthracene	21.171	228	33633	1.765	ng		99
33) Chrysene	21.225	228	35461	1.678	ng		98
34) Bis(2-ethylhexyl)phtha...	21.117	149	21681	1.598	ng		99
36) Indeno(1,2,3-cd)pyrene	25.582	276	30852	1.782	ng		95
37) Benzo(b)fluoranthene	22.723	252	32961	1.707	ng	#	90
38) Benzo(k)fluoranthene	22.766	252	33274	1.718	ng	#	91
39) Benzo(a)pyrene	23.284	252	27436	1.718	ng	#	85
40) Dibenzo(a,h)anthracene	25.594	278	23852	1.840	ng	#	90
41) Benzo(g,h,i)perylene	26.251	276	27100	1.754	ng		96

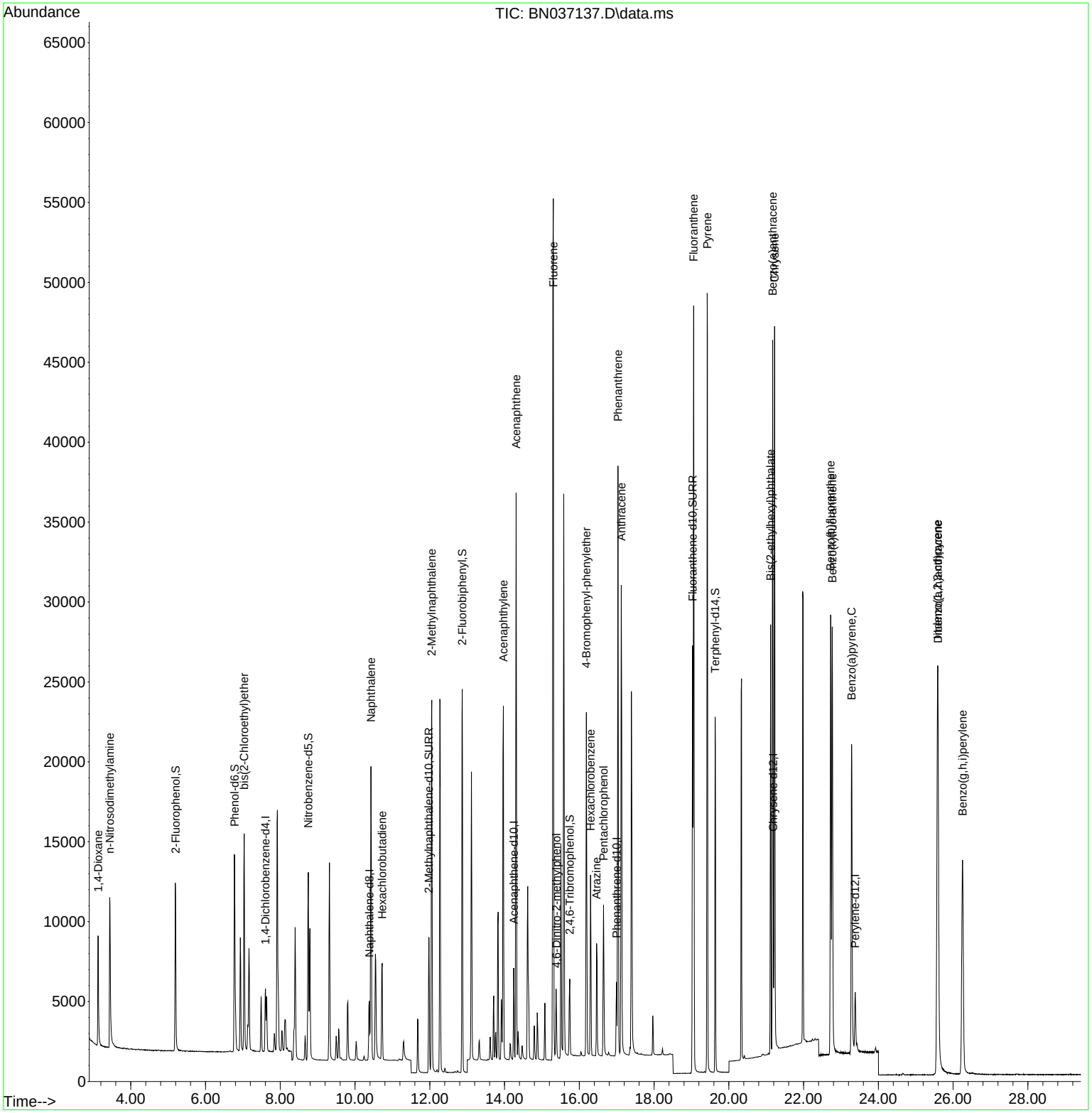
(#) = qualifier out of range (m) = manual integration (+) = signals summed

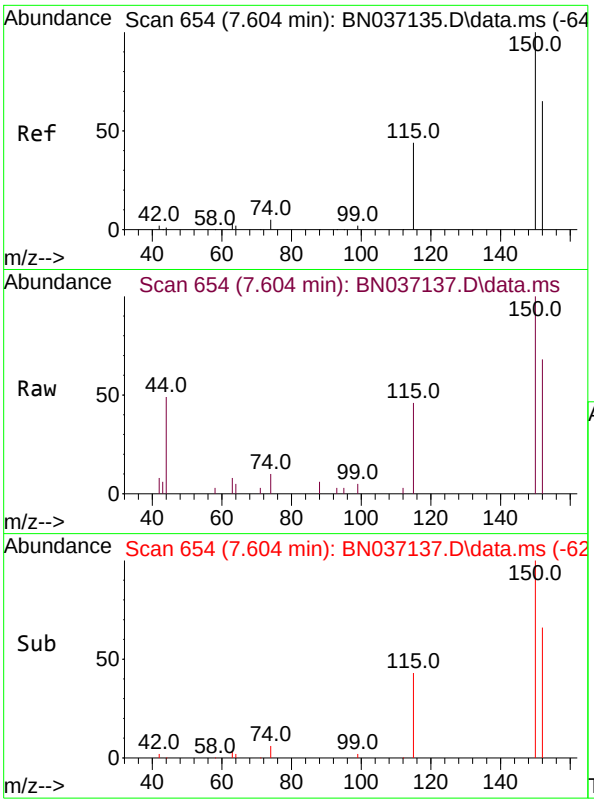
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037137.D
Acq On : 02 Jun 2025 18:10
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 03 02:16:33 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



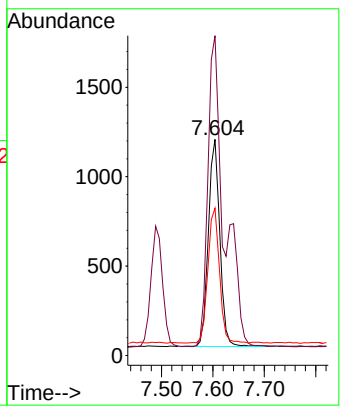


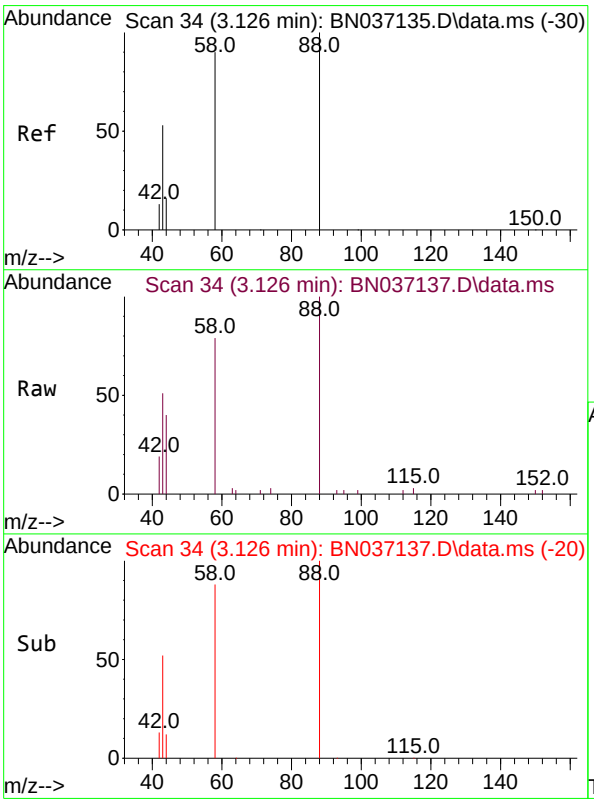
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.604 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1808

Ion	Ratio	Lower	Upper
152	100		
150	148.0	120.6	180.8
115	68.2	56.6	85.0

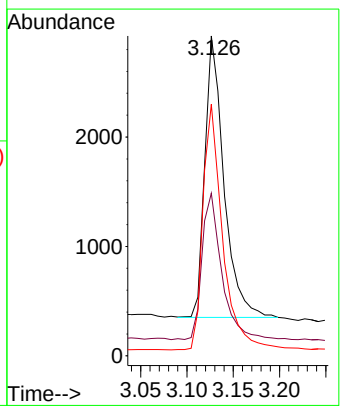


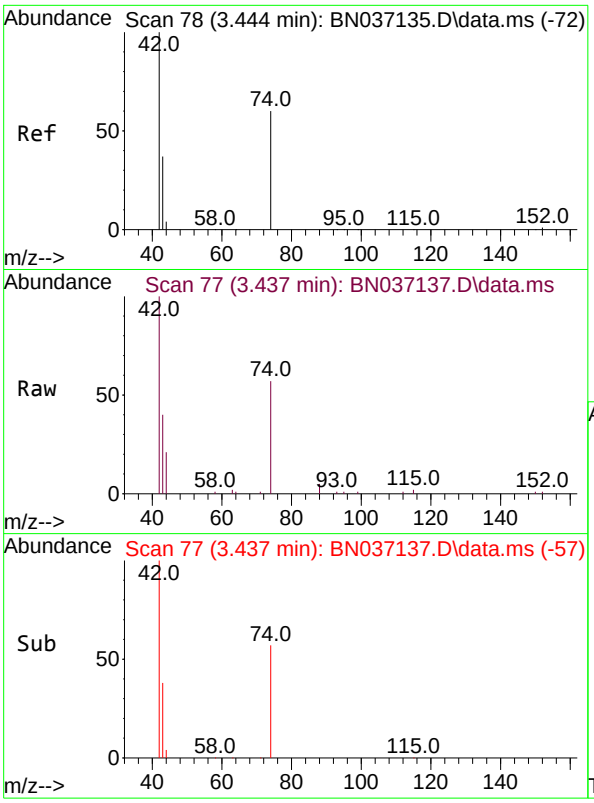


#2
1,4-Dioxane
Concen: 1.514 ng
RT: 3.126 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion: 88 Resp: 3689

Ion	Ratio	Lower	Upper
88	100		
43	54.0	41.6	62.4
58	90.1	65.8	98.8



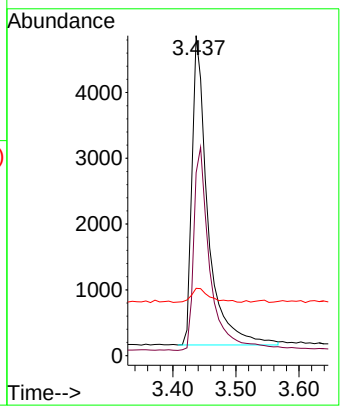


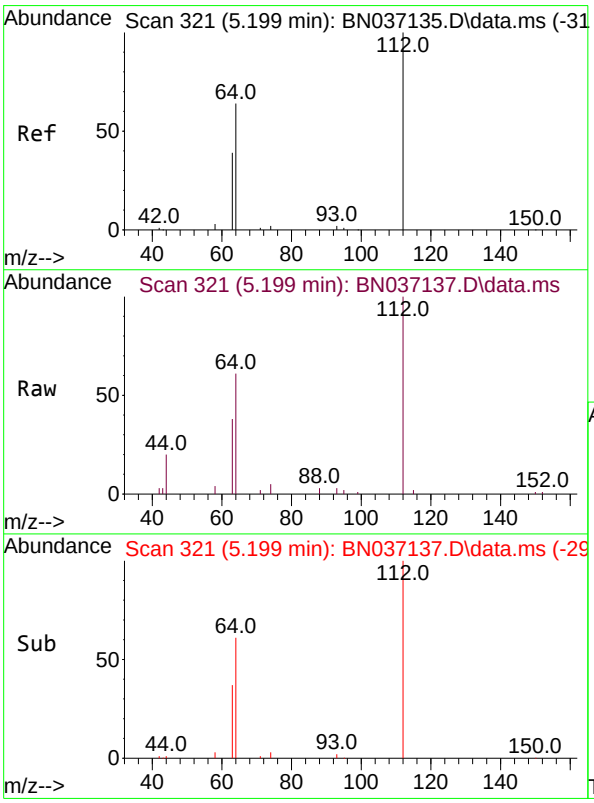
#3
n-Nitrosodimethylamine
Concen: 1.732 ng
RT: 3.437 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 8209

Ion	Ratio	Lower	Upper
42	100		
74	67.0	53.0	79.4
44	5.3	7.2	10.8#

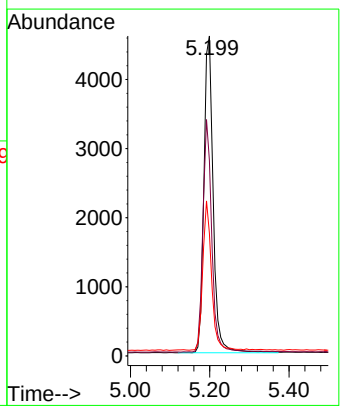


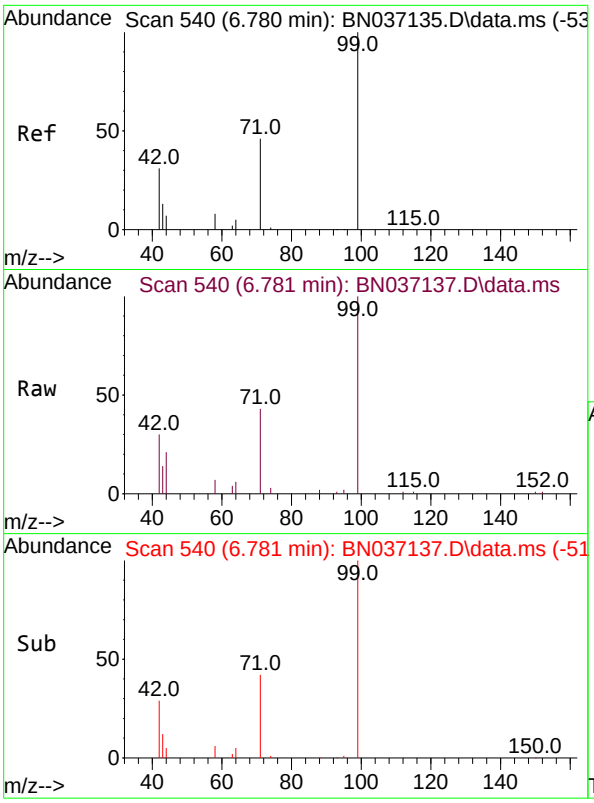


#4
2-Fluorophenol
Concen: 1.655 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:112 Resp: 7450

Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.0	84.0
63	44.2	37.0	55.4



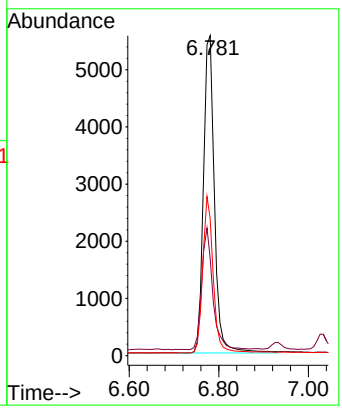


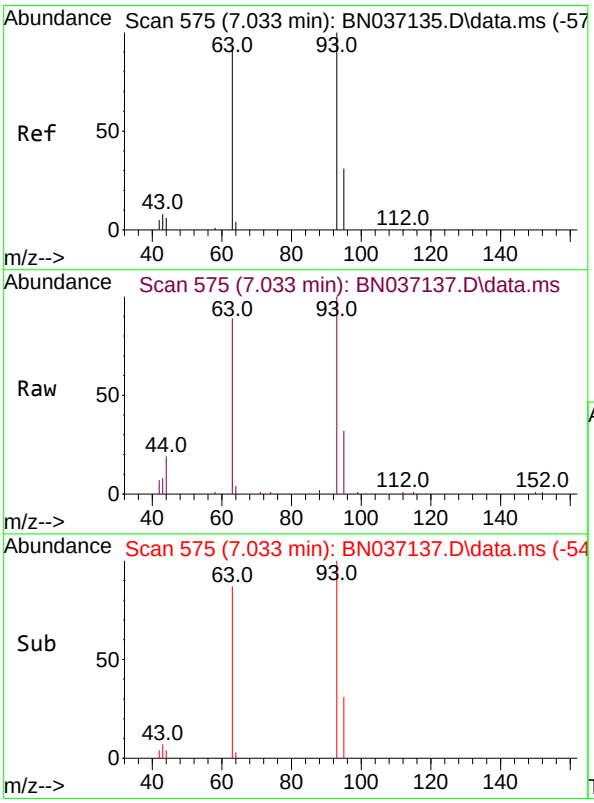
#5
Phenol-d6
Concen: 1.685 ng
RT: 6.781 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 9446

Ion	Ratio	Lower	Upper
99	100		
42	38.5	30.5	45.7
71	47.2	39.1	58.7

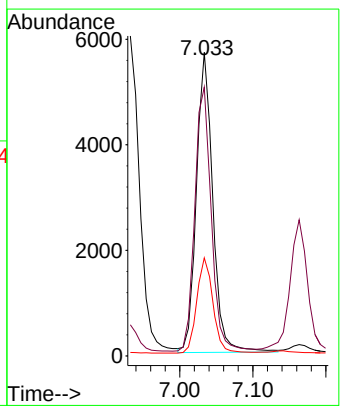


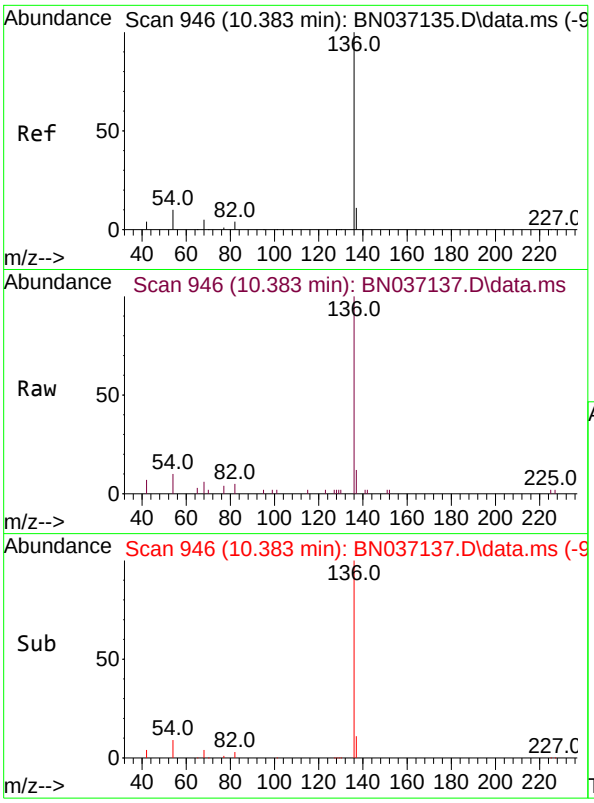


#6
bis(2-Chloroethyl)ether
Concen: 1.748 ng
RT: 7.033 min Scan# 575
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion: 93 Resp: 8857

Ion	Ratio	Lower	Upper
93	100		
63	88.5	68.4	102.6
95	31.4	24.2	36.4



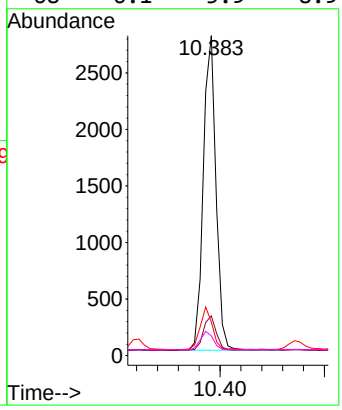


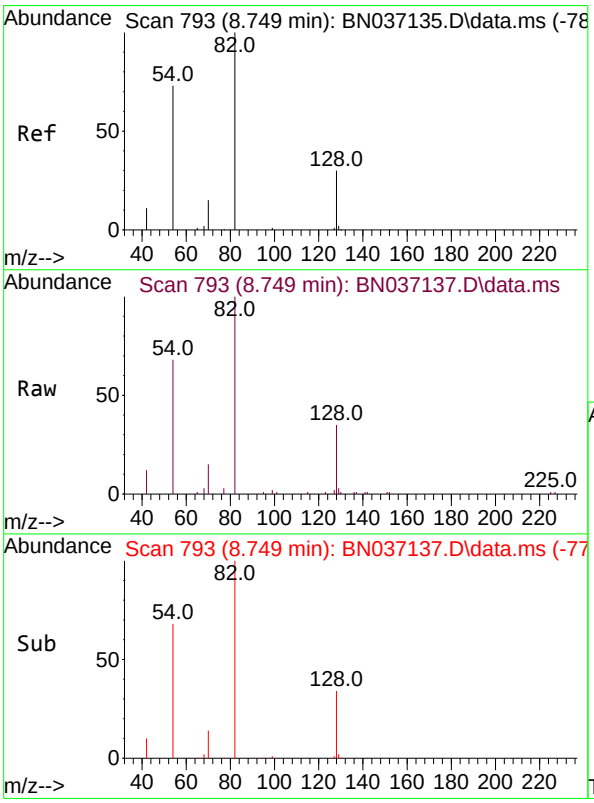
#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.383 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4689

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.3	15.5
54	10.5	9.9	14.9
68	6.1	5.9	8.9

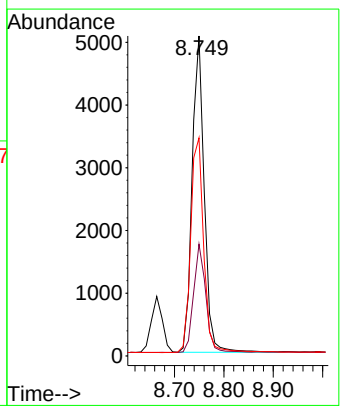


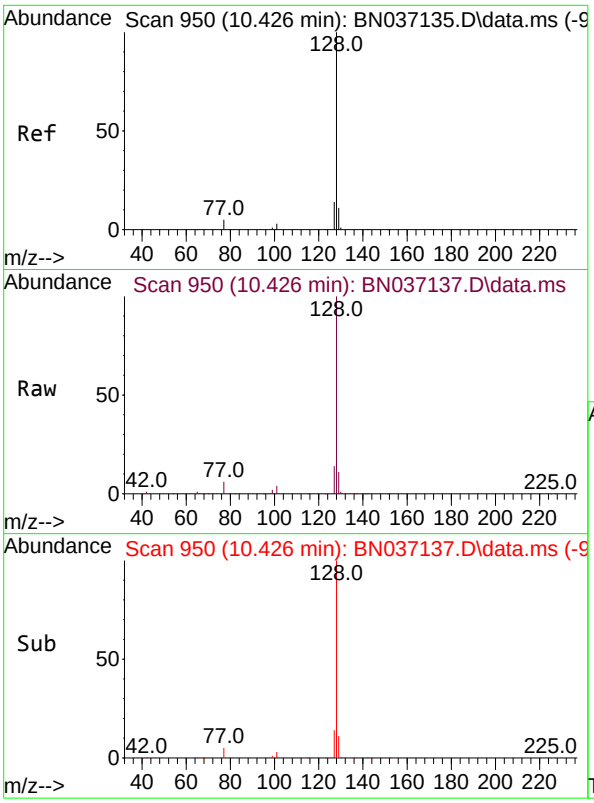


#8
Nitrobenzene-d5
Concen: 1.718 ng
RT: 8.749 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion: 82 Resp: 8568

Ion	Ratio	Lower	Upper
82	100		
128	34.9	28.2	42.2
54	68.1	60.2	90.2



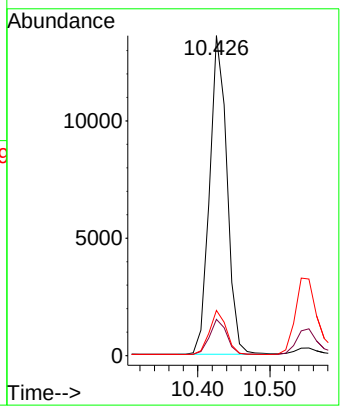


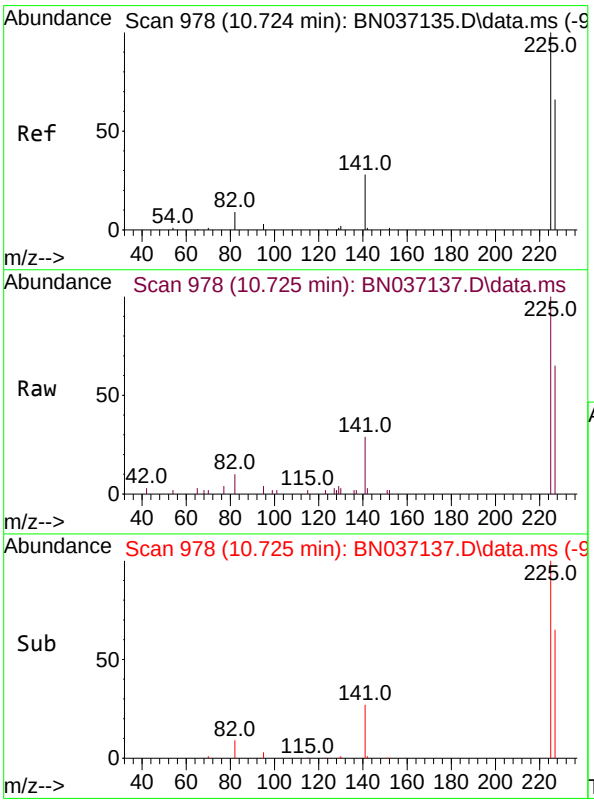
#9
Naphthalene
Concen: 1.687 ng
RT: 10.426 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 22731

Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.2	15.4
127	14.1	12.6	18.8

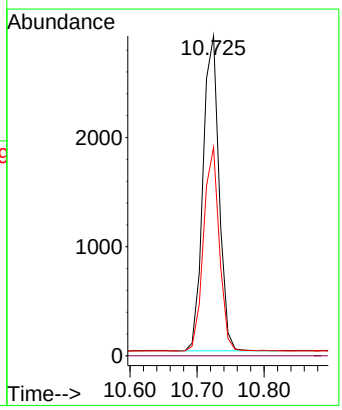


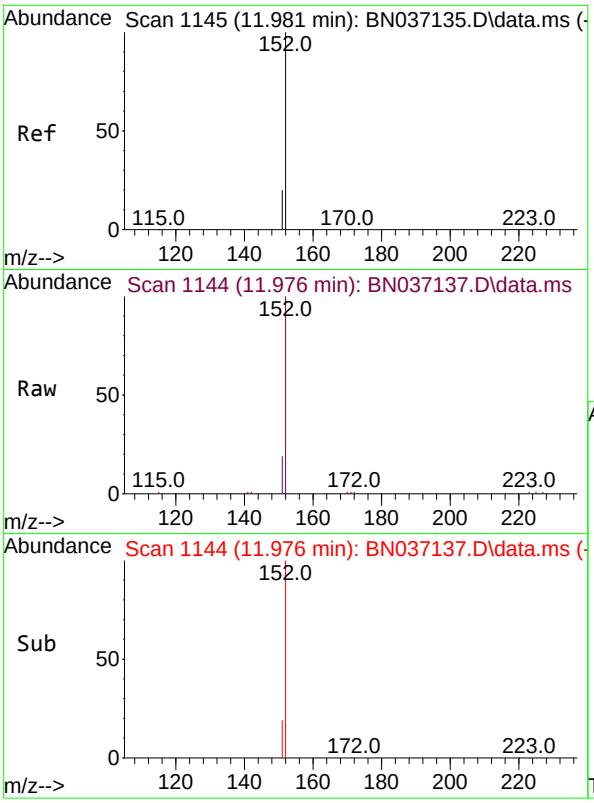


#10
Hexachlorobutadiene
Concen: 1.661 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:225 Resp: 4806

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.8	77.8



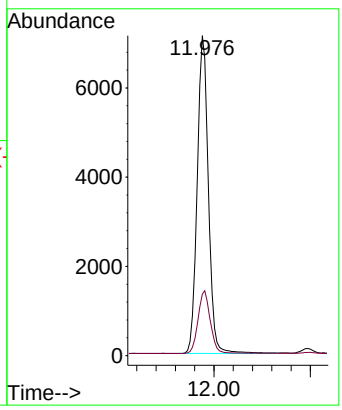


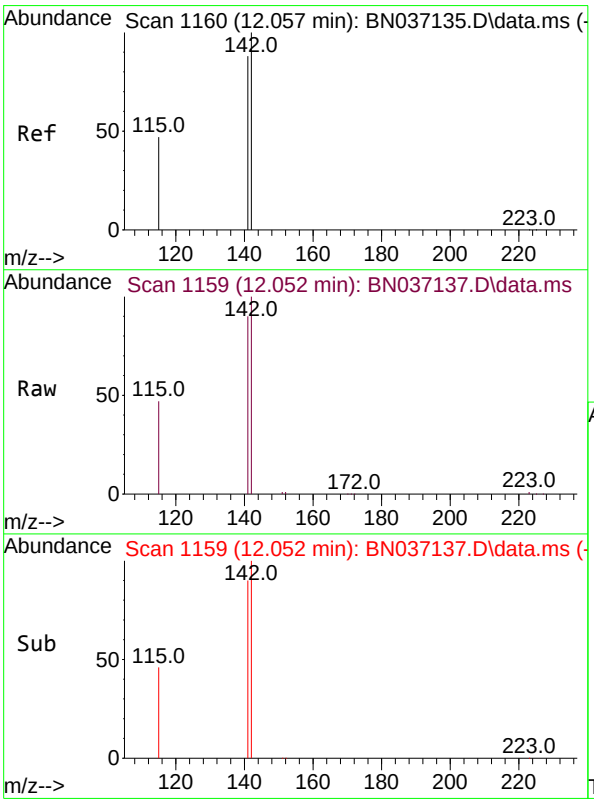
#11
2-Methylnaphthalene-d10
Concen: 1.709 ng
RT: 11.976 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11454

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.8	26.6

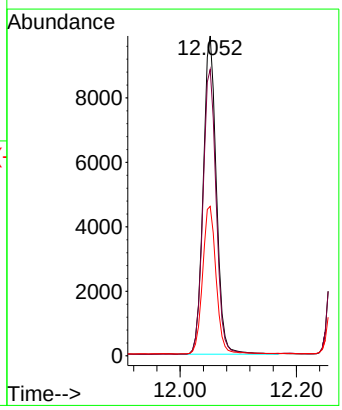


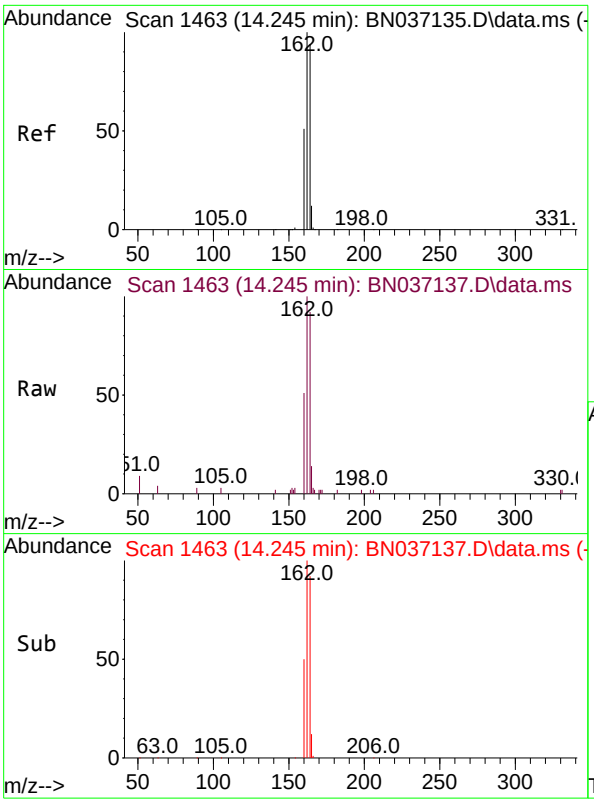


#12
2-Methylnaphthalene
Concen: 1.728 ng
RT: 12.052 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:142 Resp: 15454

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.6	106.0
115	46.7	39.7	59.5



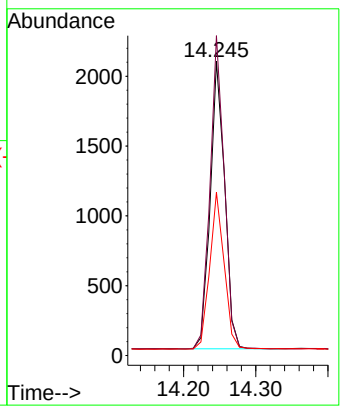


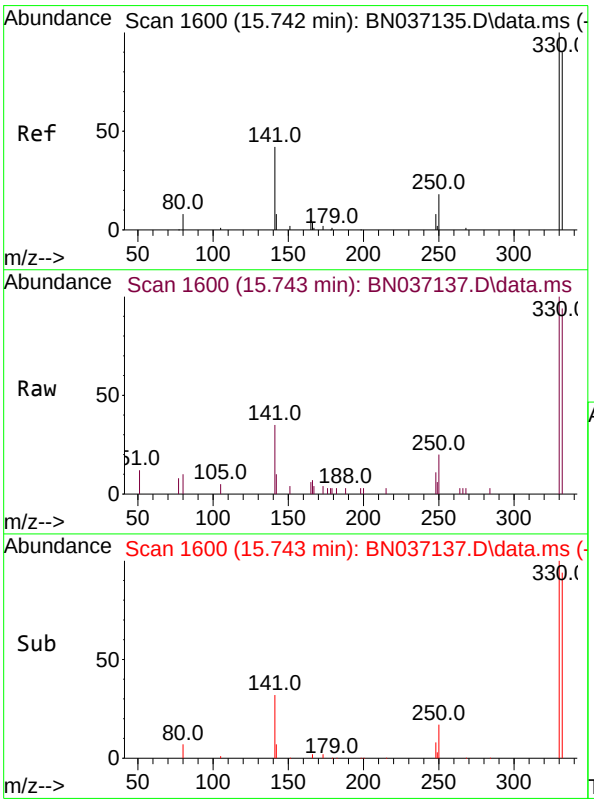
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2878

Ion	Ratio	Lower	Upper
164	100		
162	108.8	85.1	127.7
160	55.5	44.2	66.4

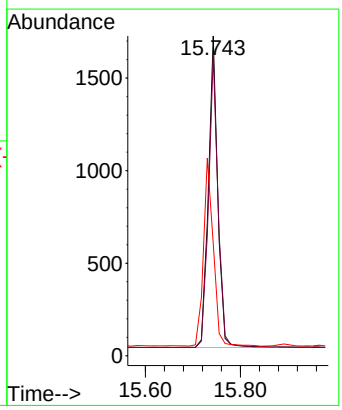


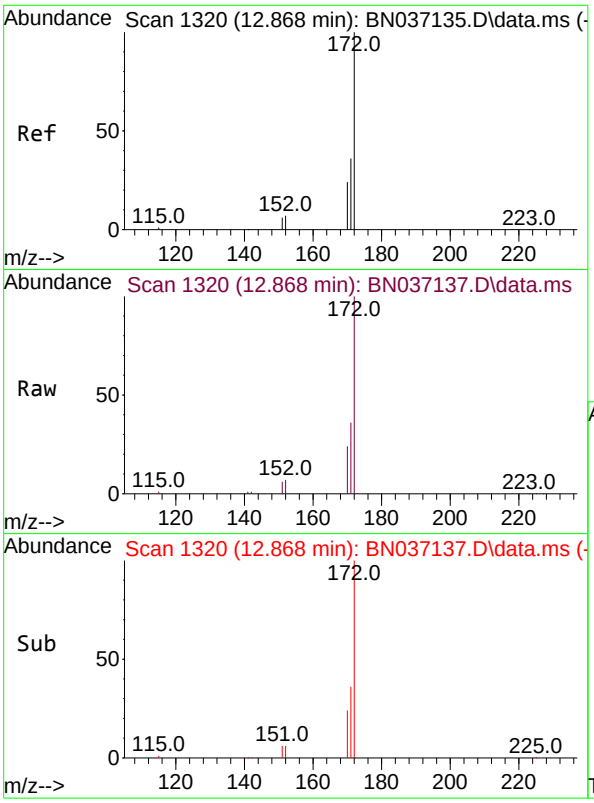


#14
2,4,6-Tribromophenol
Concen: 1.700 ng
RT: 15.743 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:330 Resp: 2302

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	63.2	47.3	70.9



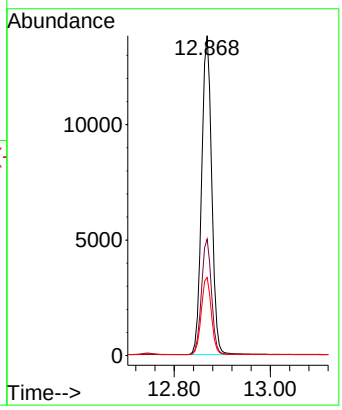


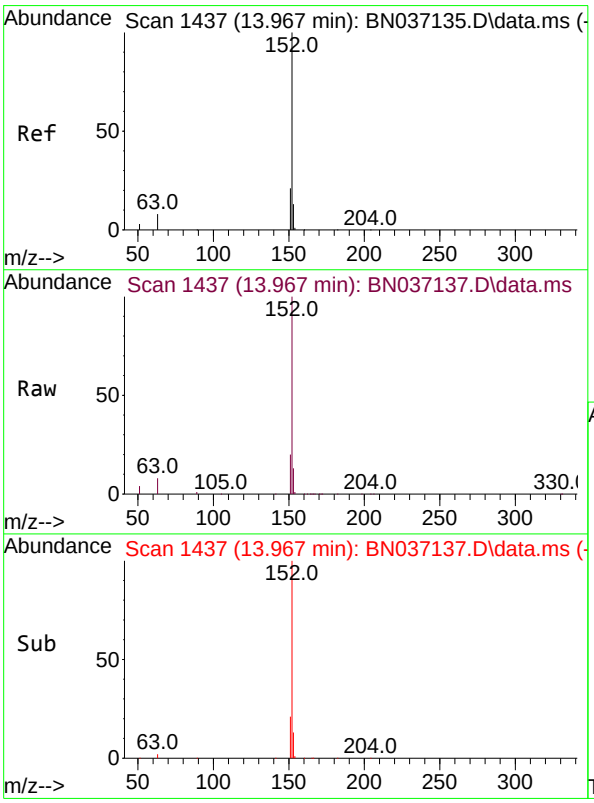
#15
2-Fluorobiphenyl
Concen: 1.729 ng
RT: 12.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 20620

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	24.4	20.5	30.7

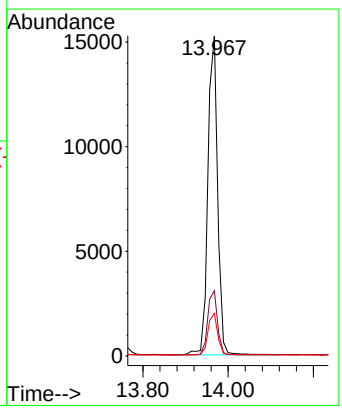


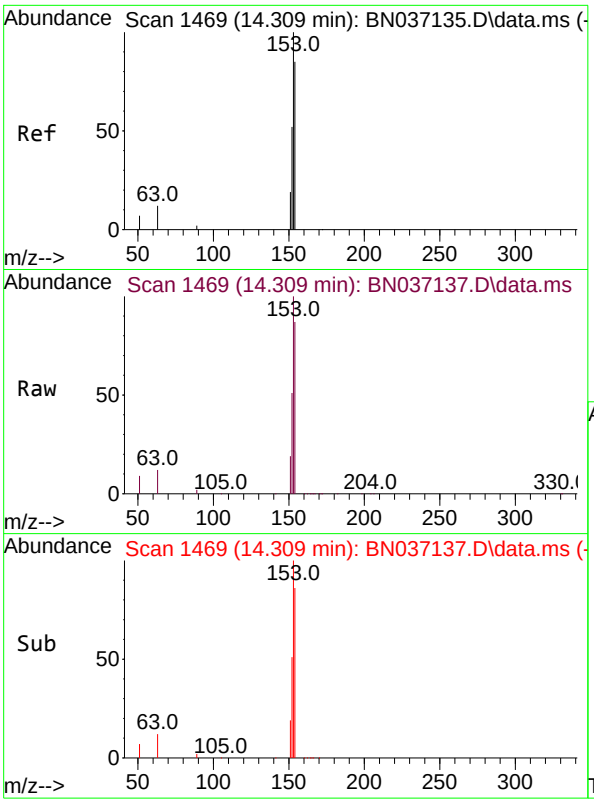


#16
Acenaphthylene
Concen: 1.720 ng
RT: 13.967 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:152 Resp: 24069

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	12.9	10.5	15.7



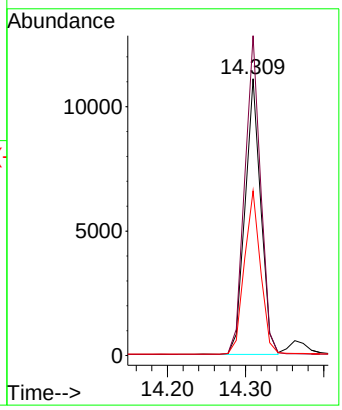


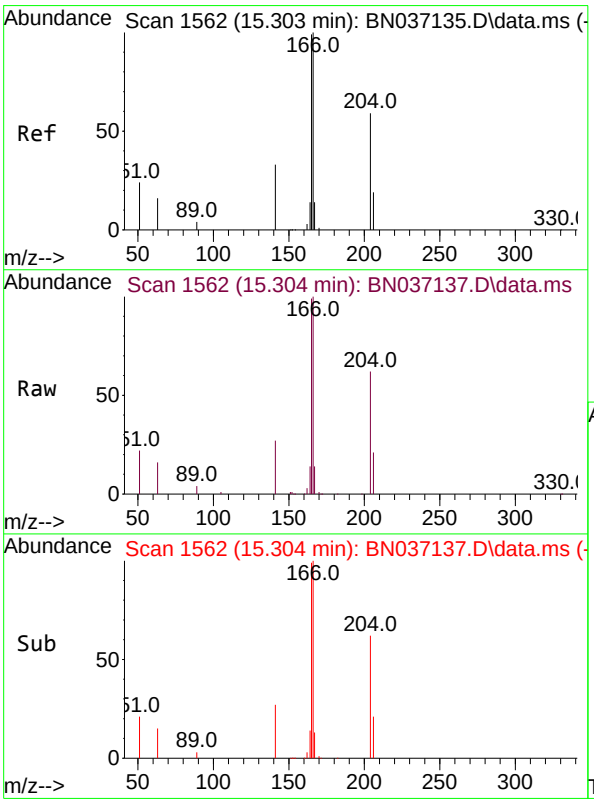
#17
Acenaphthene
Concen: 1.710 ng
RT: 14.309 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 15563

Ion	Ratio	Lower	Upper
154	100		
153	116.7	95.4	143.2
152	61.0	50.6	75.8

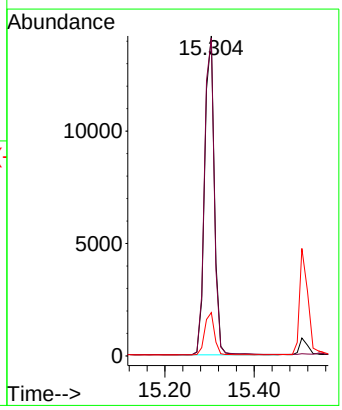


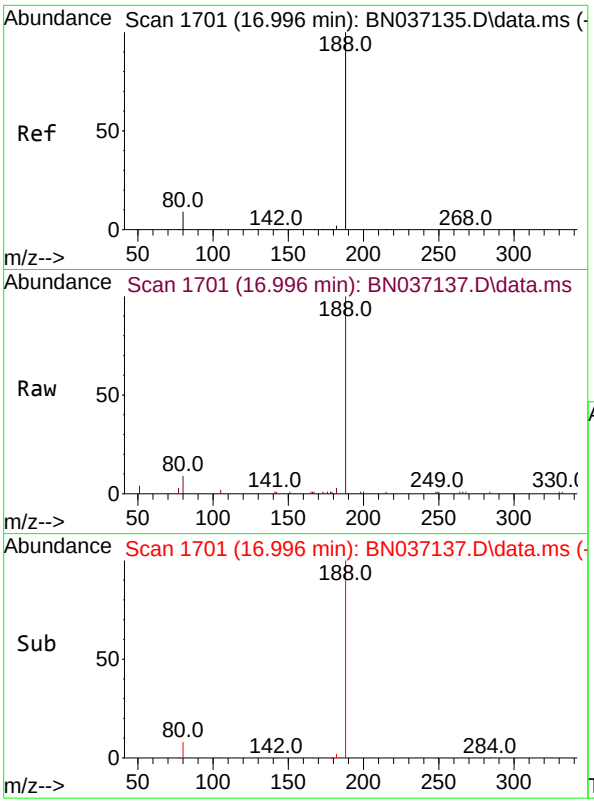


#18
Fluorene
Concen: 1.709 ng
RT: 15.304 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:166 Resp: 21401

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.4	122.0
167	13.3	10.9	16.3



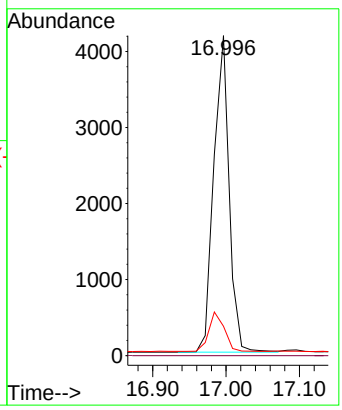


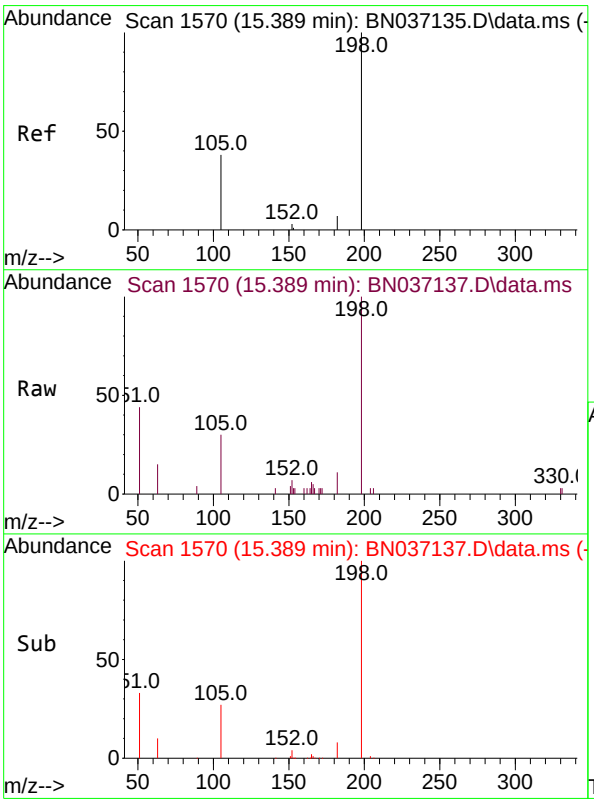
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.996 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6035

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	8.4	12.6

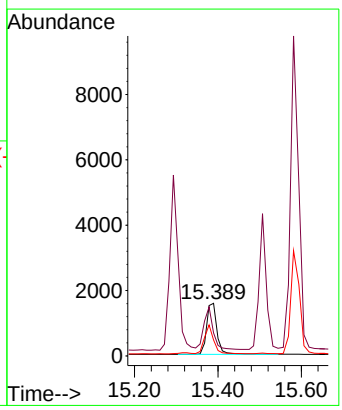


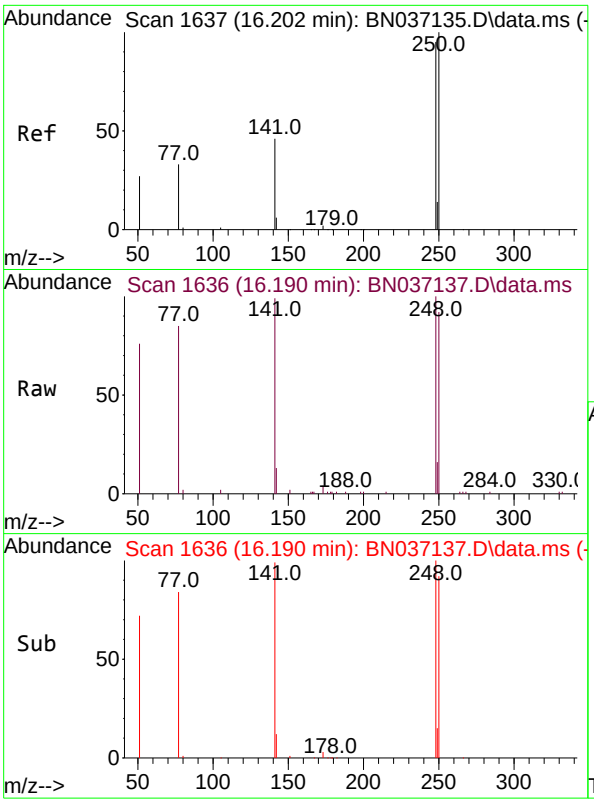


#20
4,6-Dinitro-2-methylphenol
Concen: 1.953 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:198 Resp: 2750

Ion	Ratio	Lower	Upper
198	100		
51	43.6	109.0	163.6#
105	30.2	43.0	64.4#



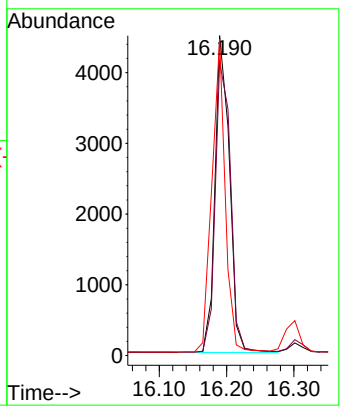


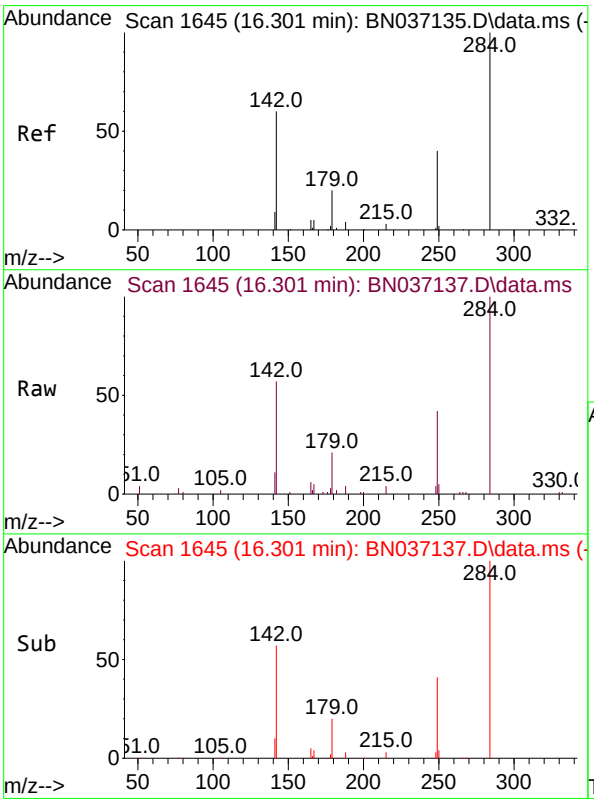
#21
4-Bromophenyl-phenylether
Concen: 1.747 ng
RT: 16.190 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 6677

Ion	Ratio	Lower	Upper
248	100		
250	91.8	83.8	125.6
141	98.9	41.9	62.9#

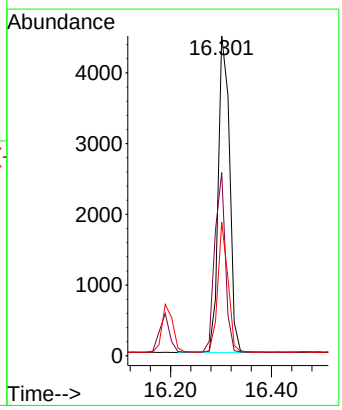


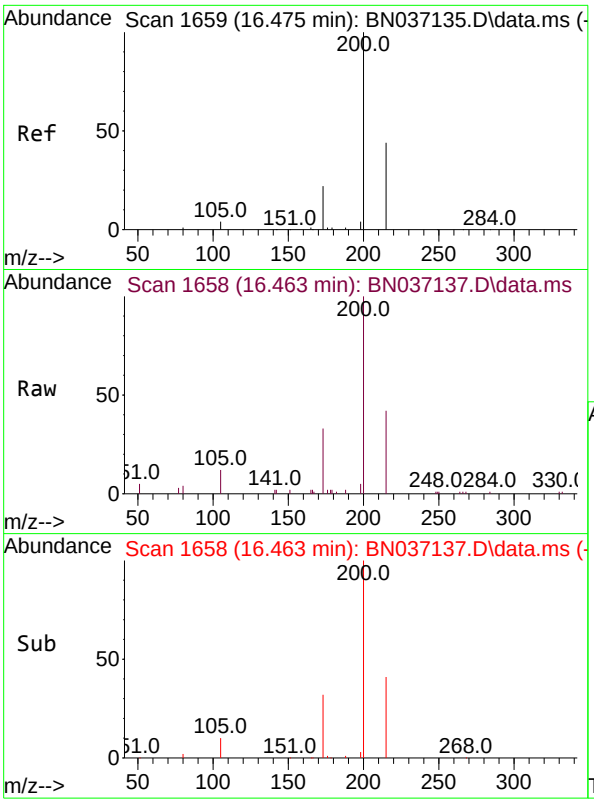


#22
Hexachlorobenzene
Concen: 1.671 ng
RT: 16.301 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:284 Resp: 6981

Ion	Ratio	Lower	Upper
284	100		
142	53.3	43.0	64.6
249	36.7	29.4	44.0



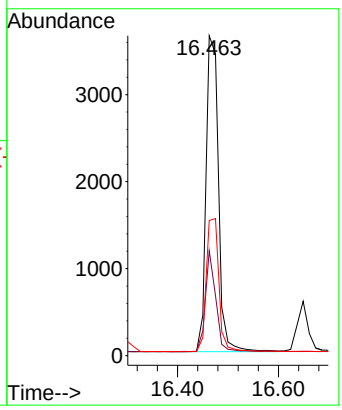


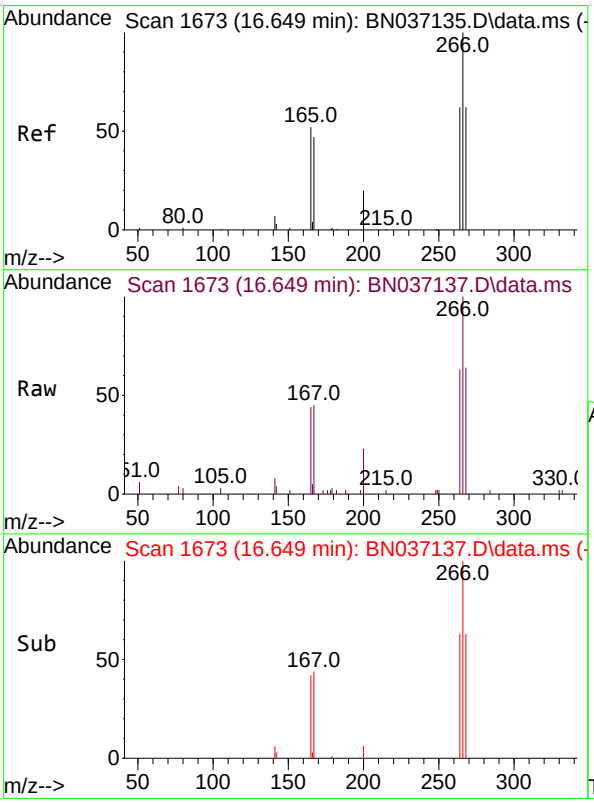
#23
Atrazine
Concen: 1.786 ng
RT: 16.463 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 6176

Ion	Ratio	Lower	Upper
200	100		
173	32.8	22.3	33.5
215	42.2	38.3	57.5

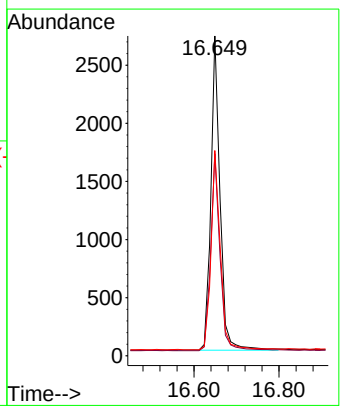


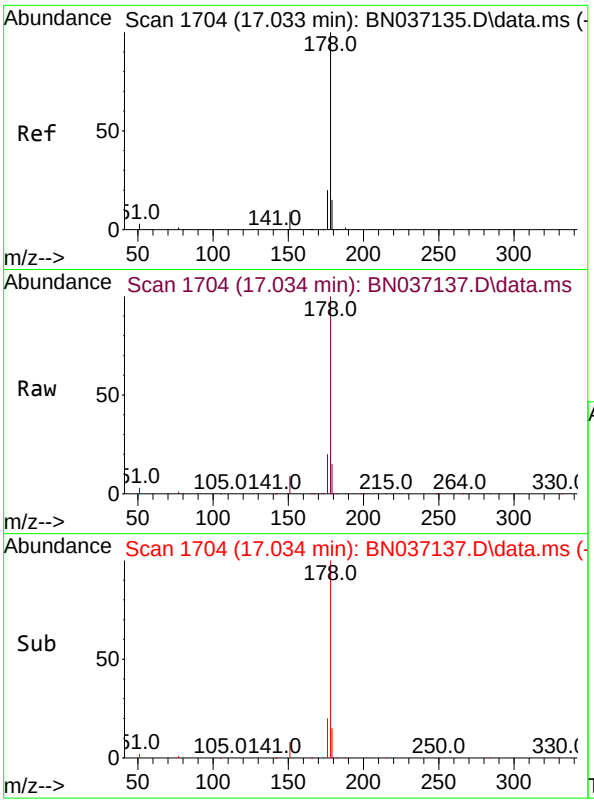


#24
Pentachlorophenol
Concen: 1.780 ng
RT: 16.649 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:266 Resp: 4045

Ion	Ratio	Lower	Upper
266	100		
264	63.6	49.0	73.4
268	64.4	51.6	77.4



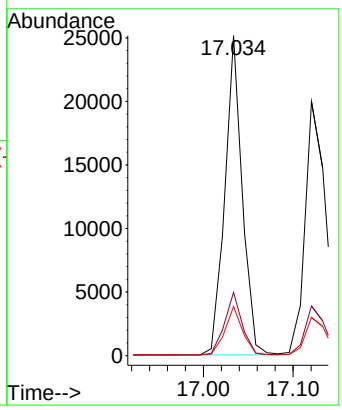


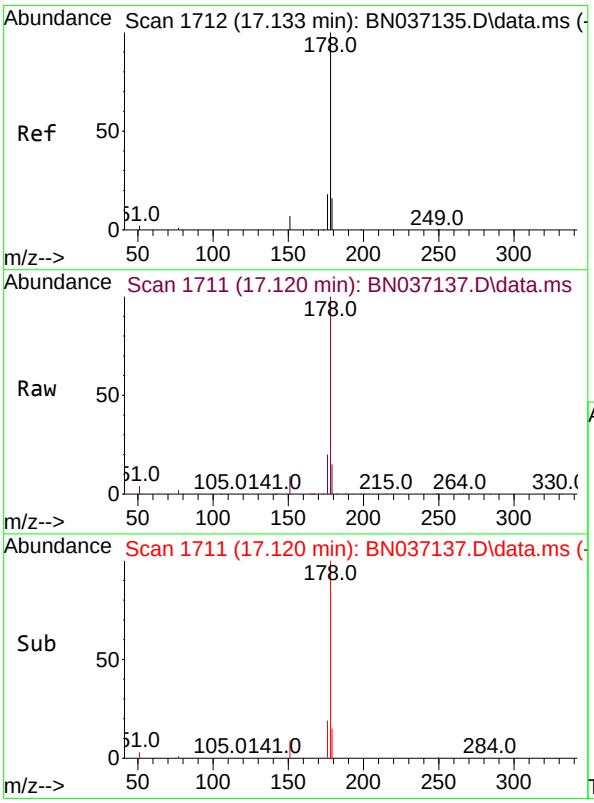
#25
Phenanthrene
Concen: 1.734 ng
RT: 17.034 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 33869

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.2	12.4	18.6

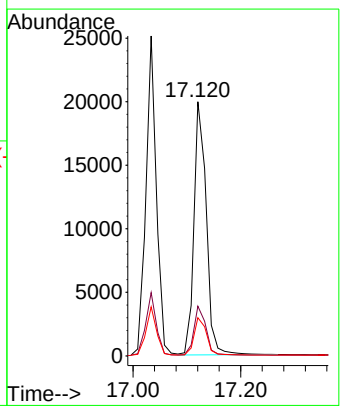


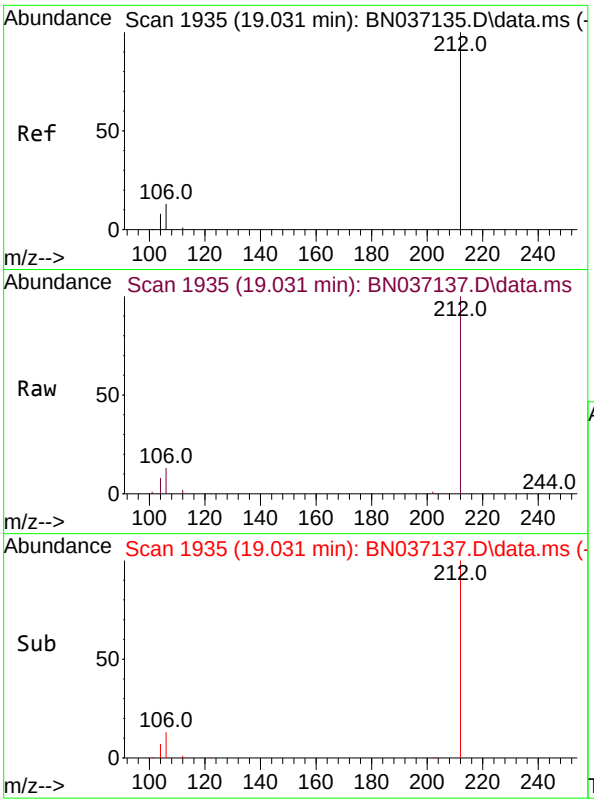


#26
Anthracene
Concen: 1.759 ng
RT: 17.120 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:178 Resp: 31530

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.0	12.3	18.5



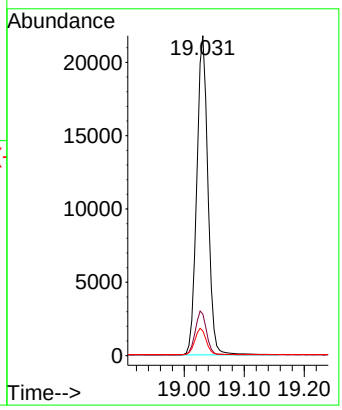


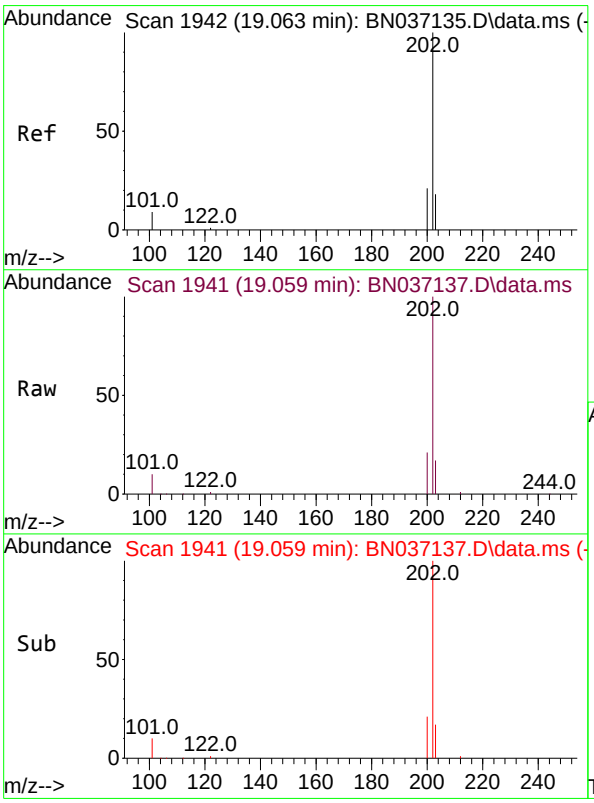
#27
Fluoranthene-d10
Concen: 1.727 ng
RT: 19.031 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 28205

Ion	Ratio	Lower	Upper
212	100		
106	13.9	10.8	16.2
104	8.3	6.8	10.2

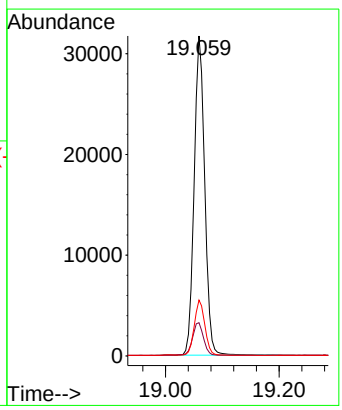


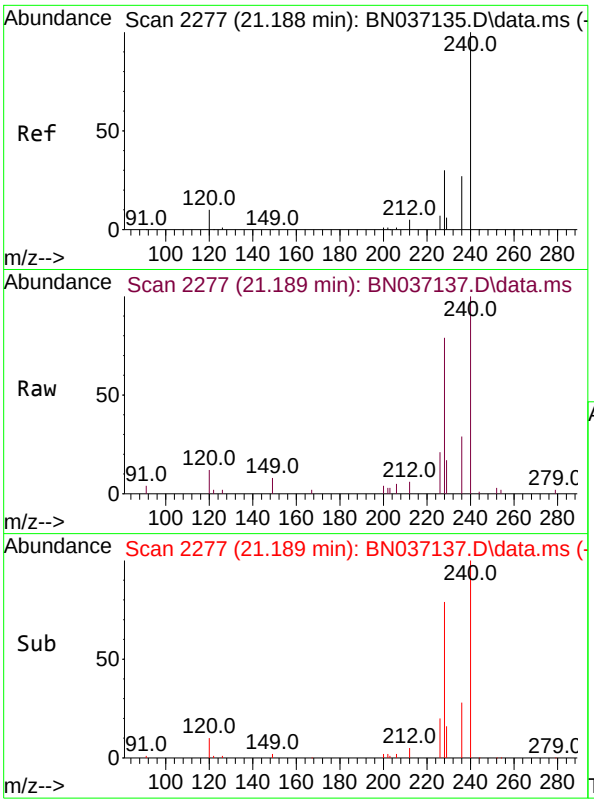


#28
Fluoranthene
Concen: 1.772 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:202 Resp: 40811

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	17.3	13.6	20.4



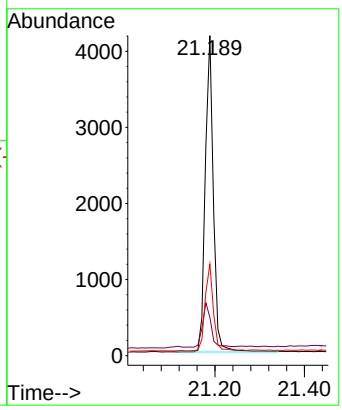


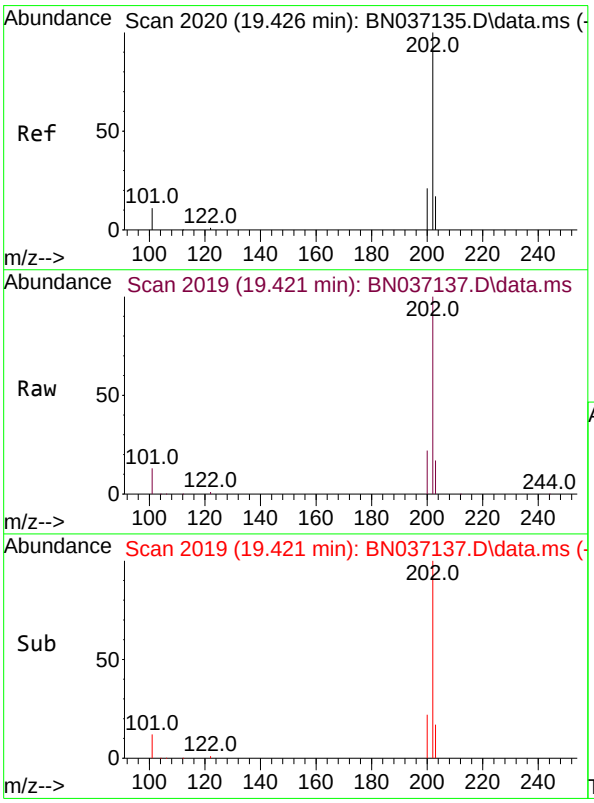
#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.189 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5242

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.5	15.7
236	28.6	23.0	34.6

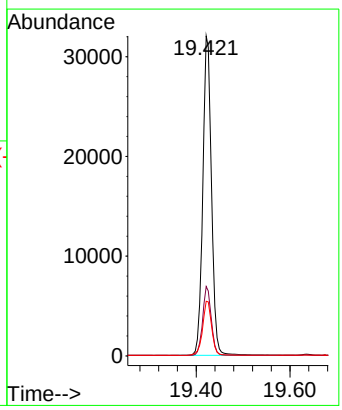


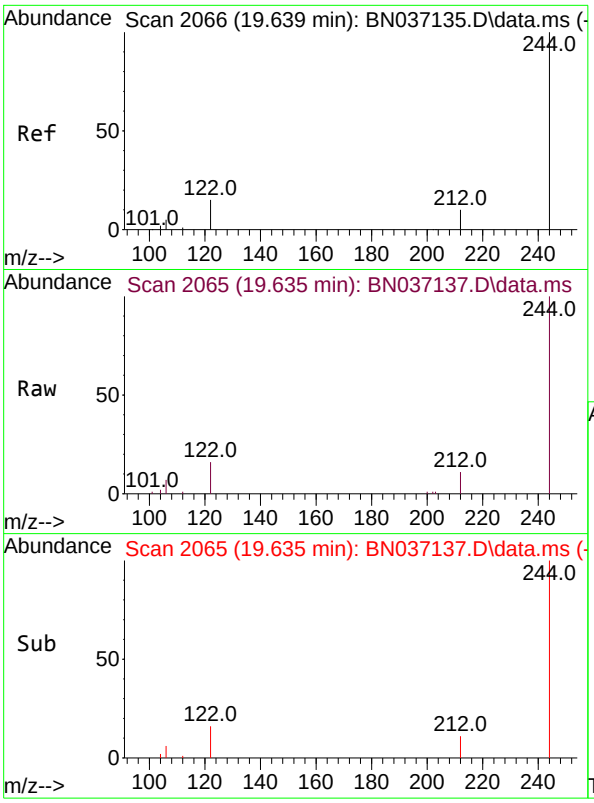


#30
Pyrene
Concen: 1.658 ng
RT: 19.421 min Scan# 2019
Delta R.T. -0.004 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:202 Resp: 41151

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.7	14.2	21.4



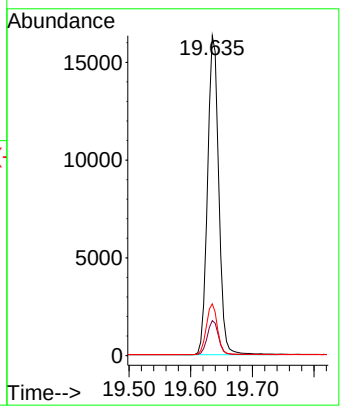


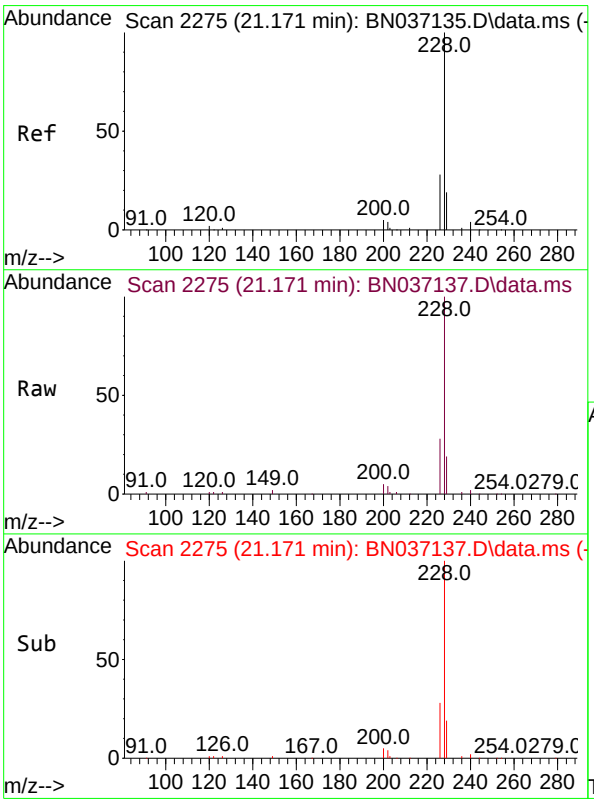
#31
Terphenyl-d14
Concen: 1.674 ng
RT: 19.635 min Scan# 20
Delta R.T. -0.004 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 20650

Ion	Ratio	Lower	Upper
244	100		
212	10.9	9.2	13.8
122	16.2	13.2	19.8

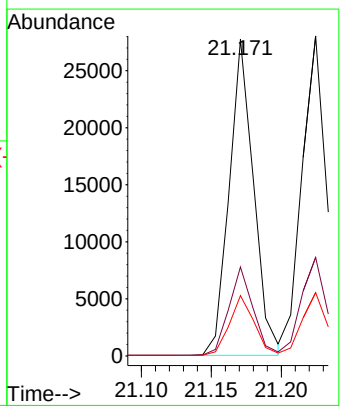


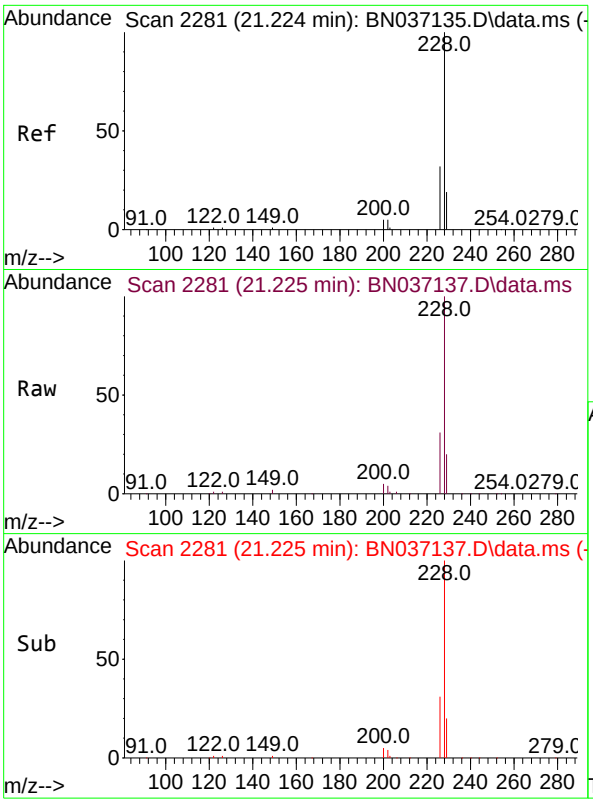


#32
Benzo(a)anthracene
Concen: 1.765 ng
RT: 21.171 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:228 Resp: 33633

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	19.0	15.8	23.8



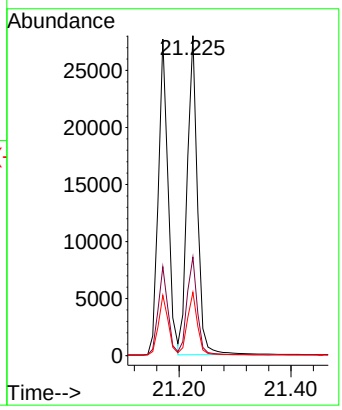


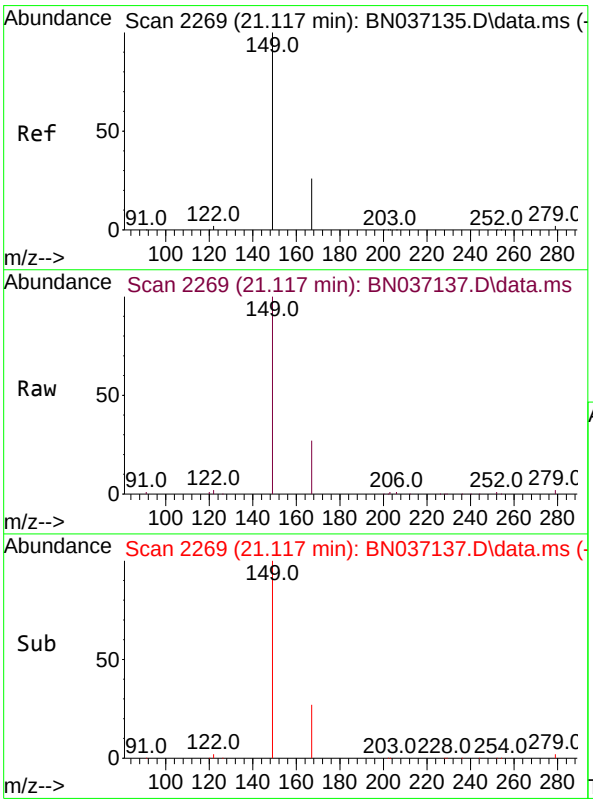
#33
Chrysene
Concen: 1.678 ng
RT: 21.225 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 35461

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	19.8	16.3	24.5

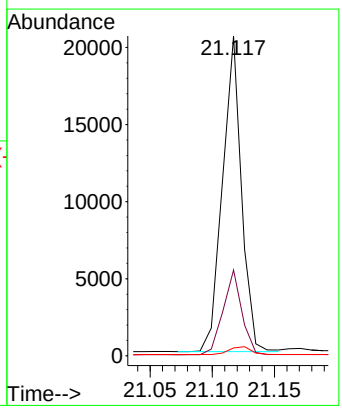


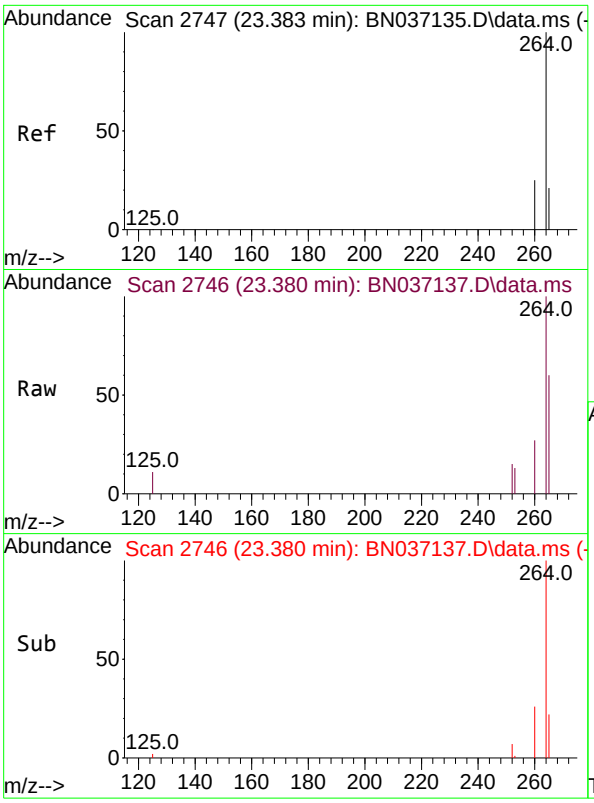


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.598 ng
RT: 21.117 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:149 Resp: 21681

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.7	31.1
279	2.9	2.8	4.2



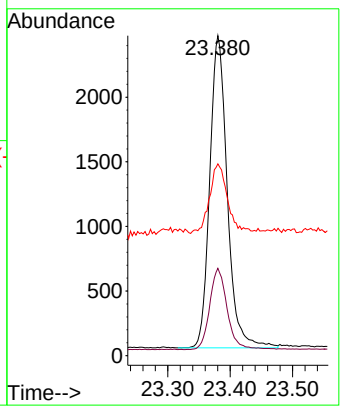


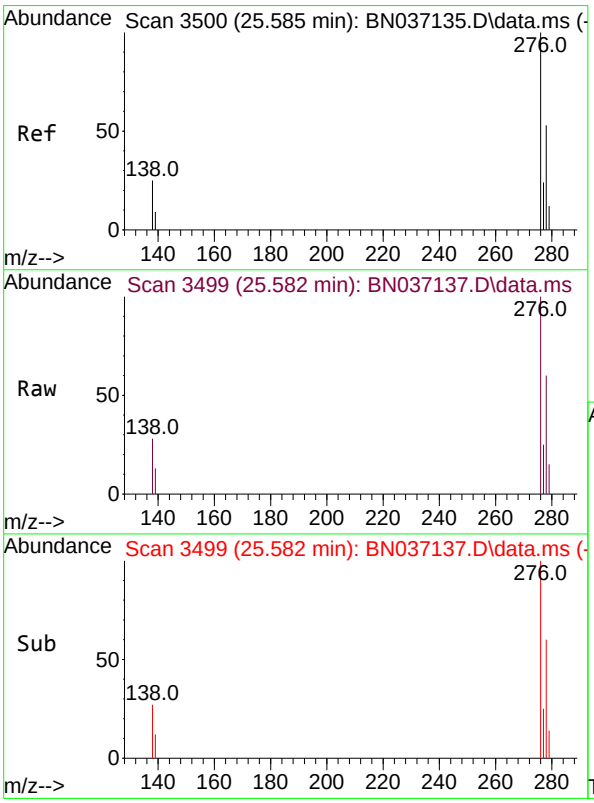
#35
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 4718

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.4	32.2
265	60.0	51.2	76.8

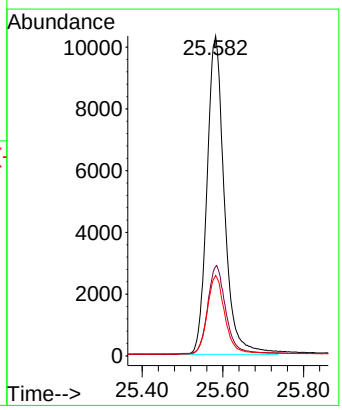


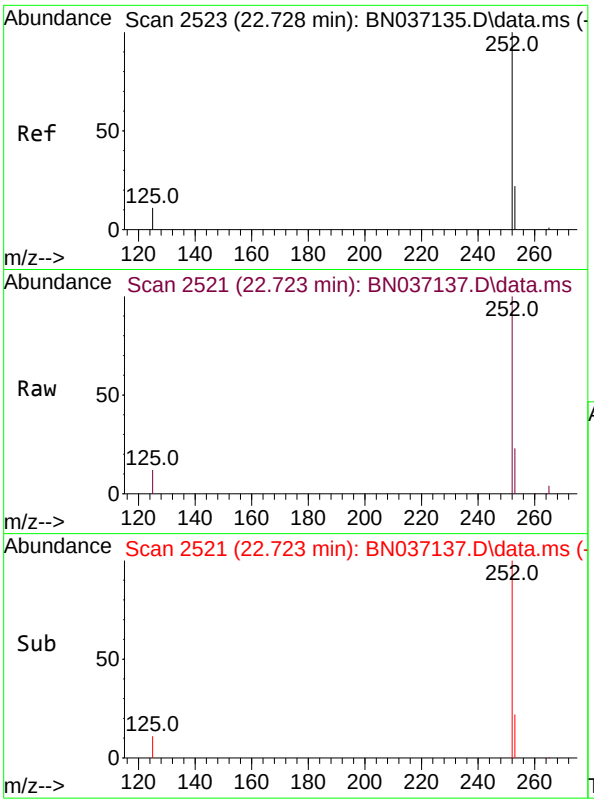


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.782 ng
RT: 25.582 min Scan# 3499
Delta R.T. -0.003 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:276 Resp: 30852

Ion	Ratio	Lower	Upper
276	100		
138	29.0	19.5	29.3
277	24.8	19.5	29.3



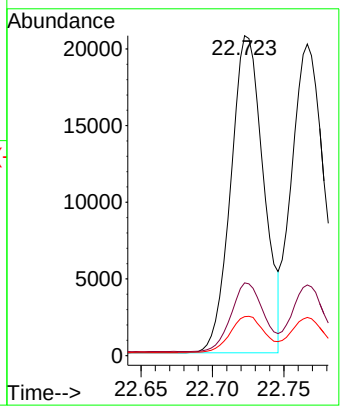


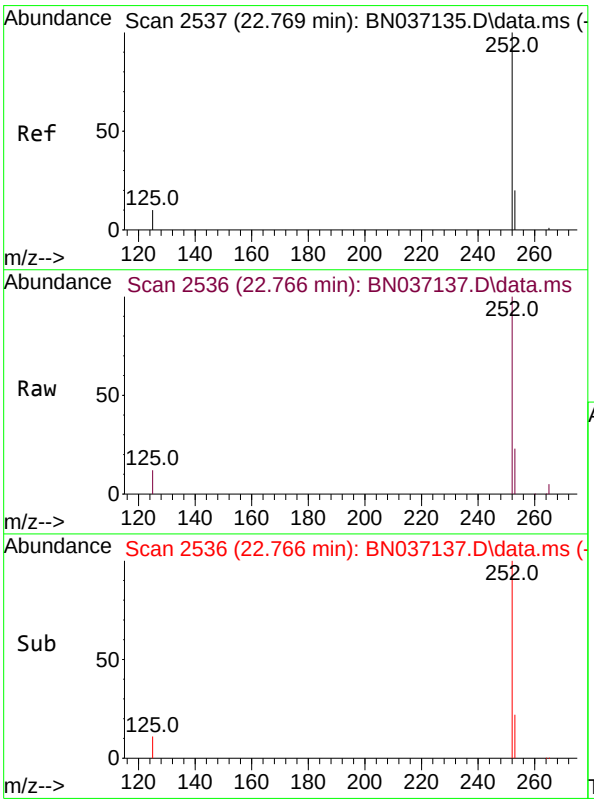
#37
Benzo(b)fluoranthene
Concen: 1.707 ng
RT: 22.723 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32961

Ion	Ratio	Lower	Upper
252	100		
253	22.7	22.6	34.0
125	12.2	13.0	19.6#

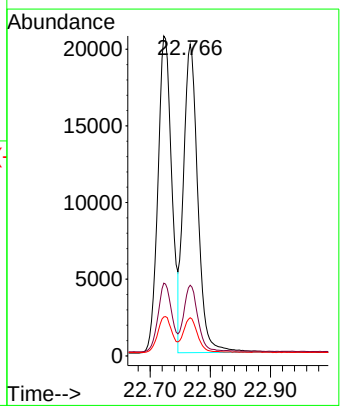


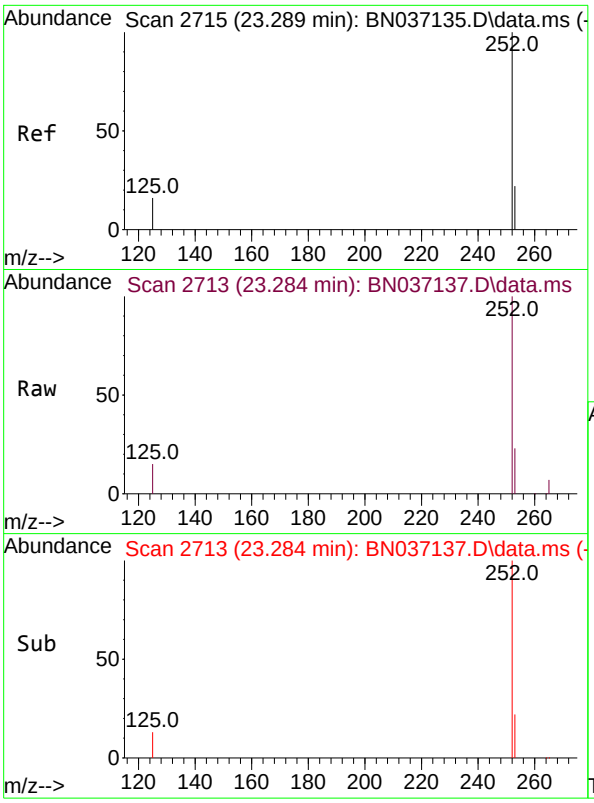


#38
Benzo(k)fluoranthene
Concen: 1.718 ng
RT: 22.766 min Scan# 2536
Delta R.T. -0.003 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:252 Resp: 33274

Ion	Ratio	Lower	Upper
252	100		
253	22.7	21.8	32.8
125	12.2	13.2	19.8#



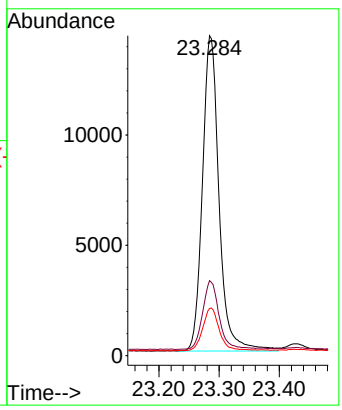


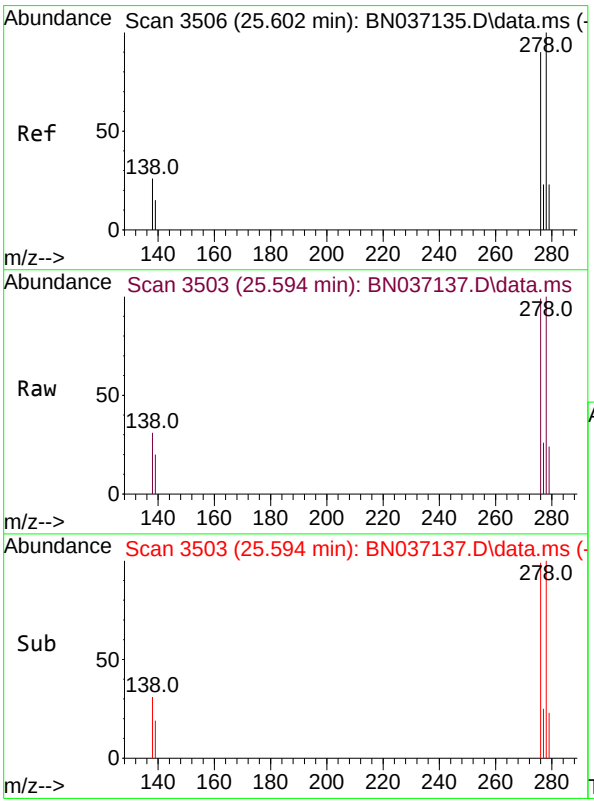
#39
Benzo(a)pyrene
Concen: 1.718 ng
RT: 23.284 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 27436

Ion	Ratio	Lower	Upper
252	100		
253	23.4	24.8	37.2#
125	14.7	18.7	28.1#

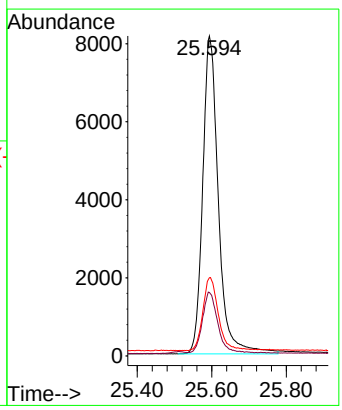


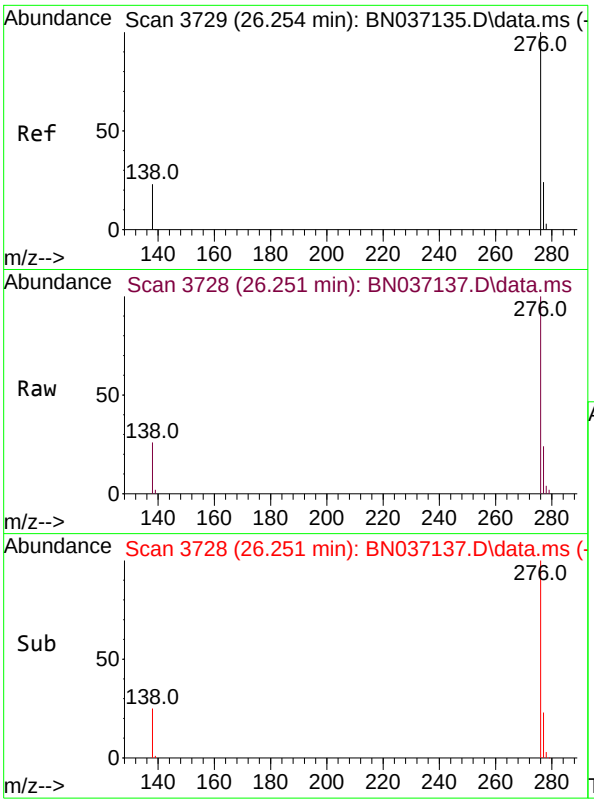


#40
Dibenzo(a,h)anthracene
Concen: 1.840 ng
RT: 25.594 min Scan# 3503
Delta R.T. -0.008 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Tgt Ion:278 Resp: 23852

Ion	Ratio	Lower	Upper
278	100		
139	19.8	17.2	25.8
279	24.4	26.0	39.0#





#41
Benzo(g,h,i)perylene
Concen: 1.754 ng
RT: 26.251 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN037137.D
Acq: 02 Jun 2025 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 27100

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.9	32.9
138	26.0	20.7	31.1