Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037038.D
Acq On : 19 May 2025 10:47
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 19 11:19:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.611	152	2152	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	5916	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	3512	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	7043	0.400	ng	#	0.00
29) Chrysene-d12	21.207	240	5607	0.400	ng	#	0.00
35) Perylene-d12	23.410	264	4830	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2031	0.360	ng		0.00
5) Phenol-d6	6.788	99	2515	0.357	ng		0.00
8) Nitrobenzene-d5	8.760	82	2321	0.360	ng		-0.01
11) 2-Methylnaphthalene-d10	11.991	152	3536	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	515	0.334	ng		-0.01
15) 2-Fluorobiphenyl	12.883	172	5990	0.372	ng		0.00
27) Fluoranthene-d10	19.045	212	7646	0.396	ng		0.00
31) Terphenyl-d14	19.653	244	5133	0.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	993	0.376	ng		96
3) n-Nitrosodimethylamine	3.458	42	1947	0.343	ng	#	95
6) bis(2-Chloroethyl)ether	7.048	93	2511	0.387	ng		99
9) Naphthalene	10.447	128	6536	0.374	ng		99
10) Hexachlorobutadiene	10.735	225	1420	0.387	ng	#	99
12) 2-Methylnaphthalene	12.067	142	4246	0.378	ng		98
16) Acenaphthylene	13.978	152	6165	0.361	ng		100
17) Acenaphthene	14.320	154	4087	0.366	ng		100
18) Fluorene	15.314	166	5419	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	480	0.357	ng		98
21) 4-Bromophenyl-phenylether	16.214	248	1651	0.371	ng	#	85
22) Hexachlorobenzene	16.326	284	1897	0.398	ng		98
23) Atrazine	16.487	200	1271	0.328	ng		97
24) Pentachlorophenol	16.661	266	859	0.327	ng		98
25) Phenanthrene	17.046	178	8459	0.368	ng		100
26) Anthracene	17.145	178	7295	0.348	ng		99
28) Fluoranthene	19.077	202	9826	0.357	ng		99
30) Pyrene	19.440	202	9850	0.411	ng		100
32) Benzo(a)anthracene	21.189	228	7437	0.352	ng		99
33) Chrysene	21.242	228	8480	0.380	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	4419	0.340	ng		98
36) Indeno(1,2,3-cd)pyrene	25.617	276	6797	0.345	ng		99
37) Benzo(b)fluoranthene	22.749	252	7489	0.374	ng		99
38) Benzo(k)fluoranthene	22.793	252	7388	0.373	ng		99
39) Benzo(a)pyrene	23.313	252	5890	0.347	ng	#	94
40) Dibenzo(a,h)anthracene	25.632	278	5217	0.340	ng		98
41) Benzo(g,h,i)perylene	26.295	276	5941	0.356	ng		99

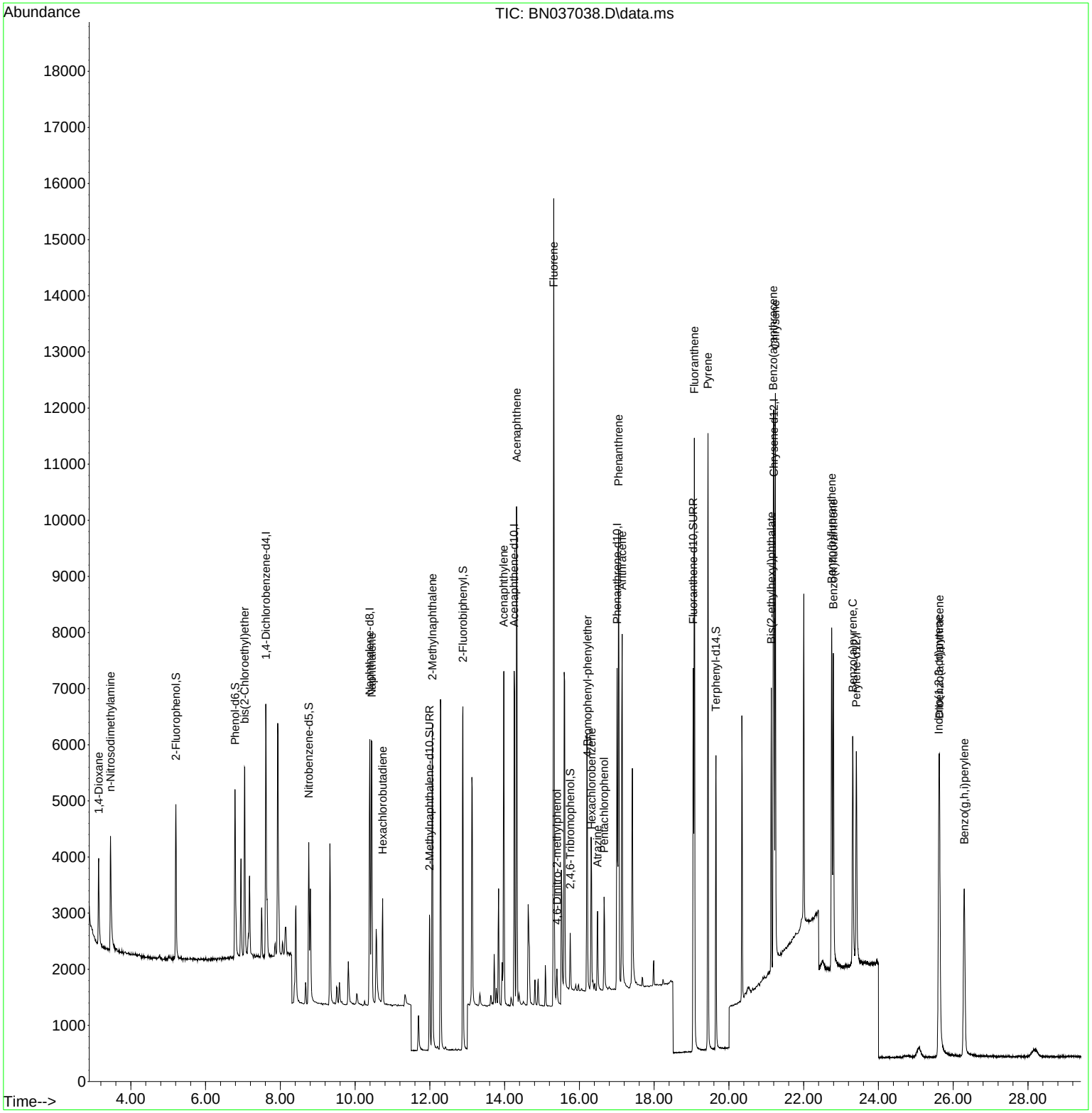
(#) = qualifier out of range (m) = manual integration (+) = signals summed

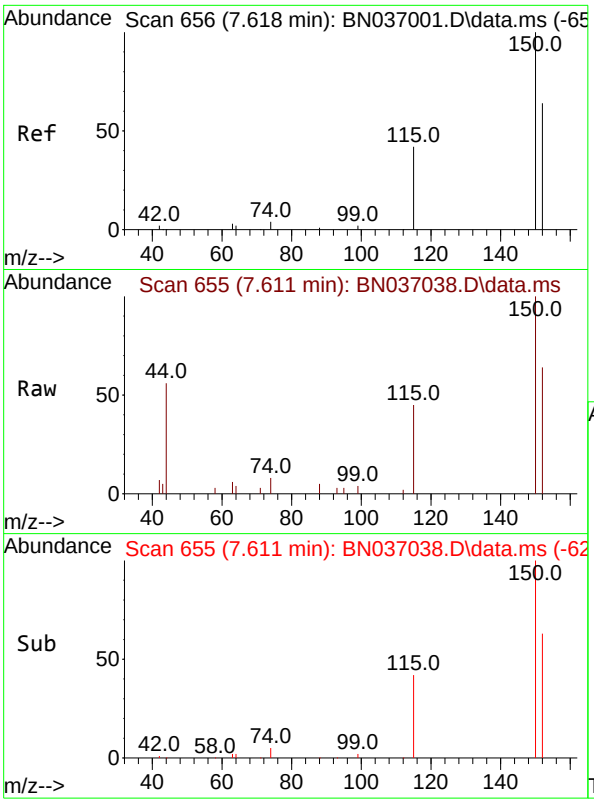
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037038.D
Acq On : 19 May 2025 10:47
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 19 11:19:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



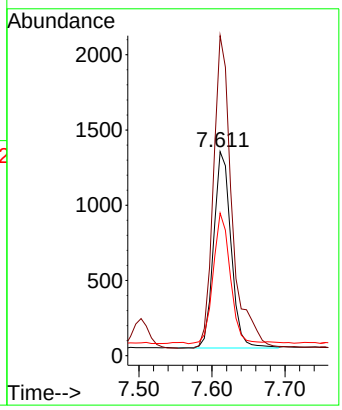


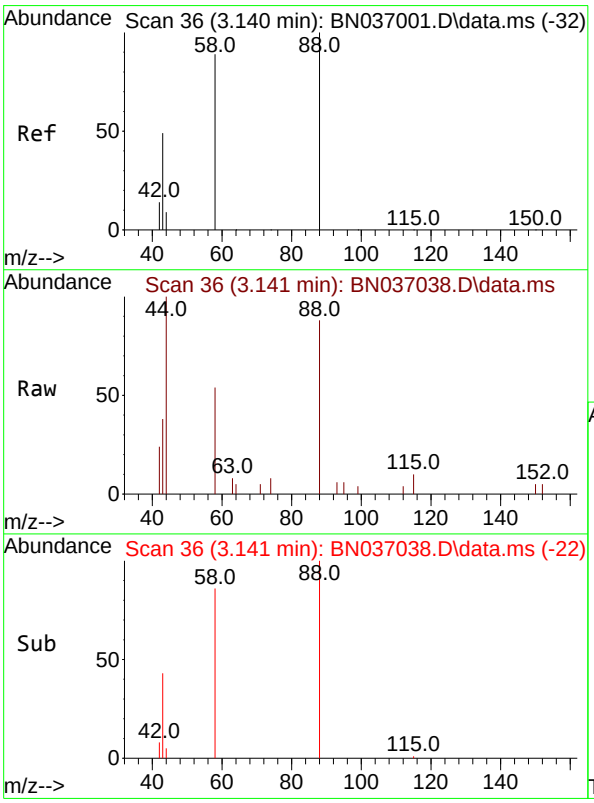
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2152

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.9	185.9
115	69.9	55.8	83.8

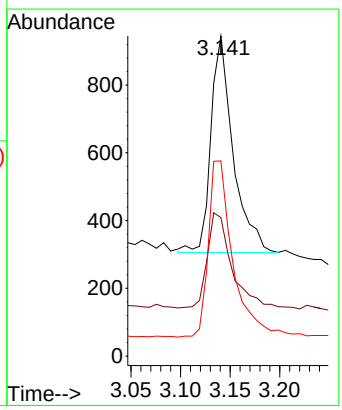


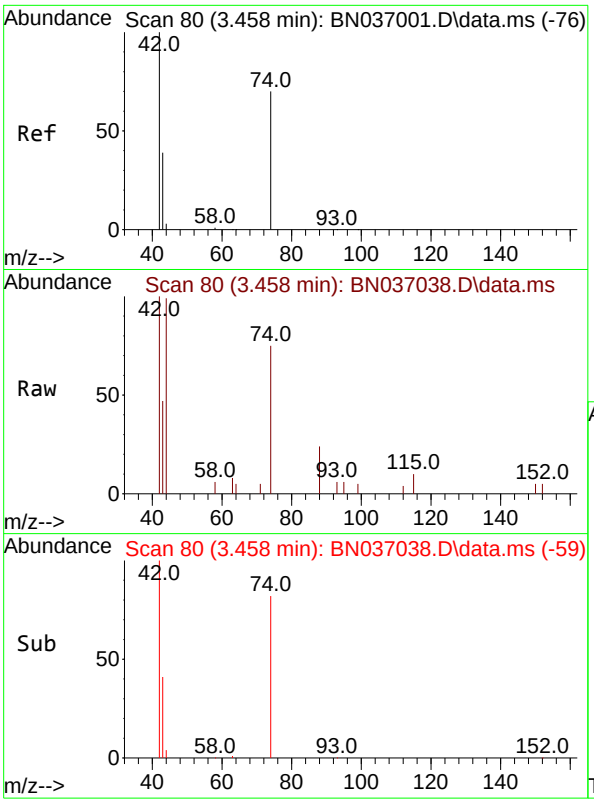


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.141 min Scan# 36
Delta R.T. 0.001 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion: 88 Resp: 993

Ion	Ratio	Lower	Upper
88	100		
43	48.1	37.4	56.0
58	89.9	68.8	103.2



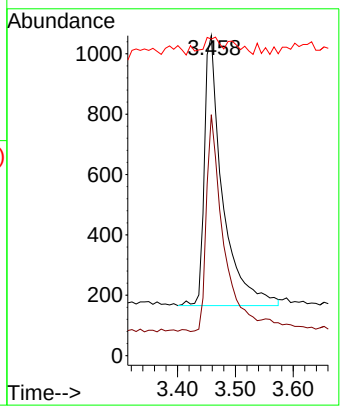


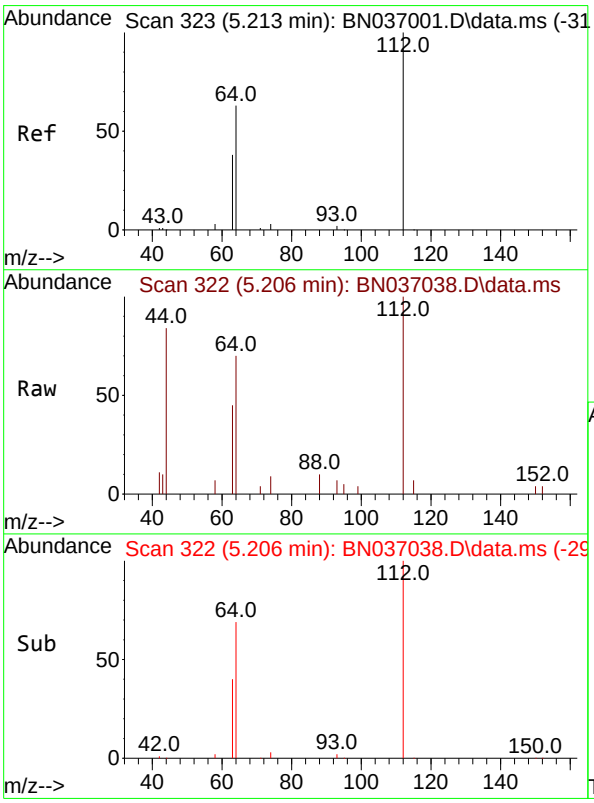
#3
n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.458 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1947

Ion	Ratio	Lower	Upper
42	100		
74	75.4	59.8	89.6
44	4.7	11.9	17.9#

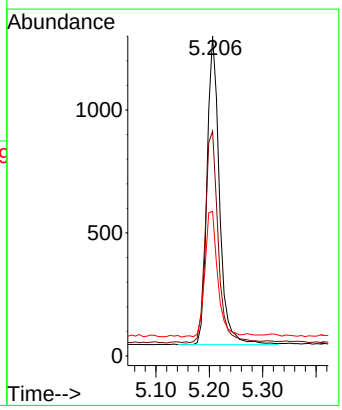


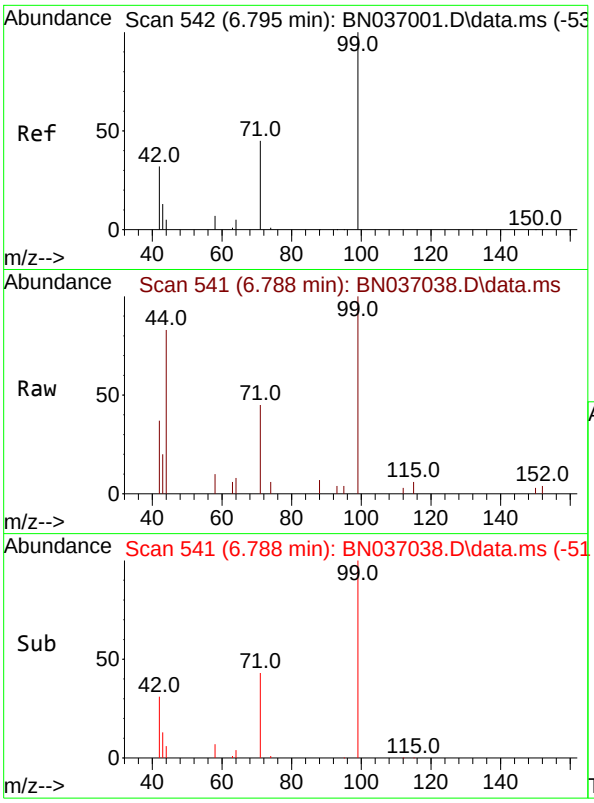


#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:112 Resp: 2031

Ion	Ratio	Lower	Upper
112	100		
64	70.6	55.7	83.5
63	42.3	34.6	51.8



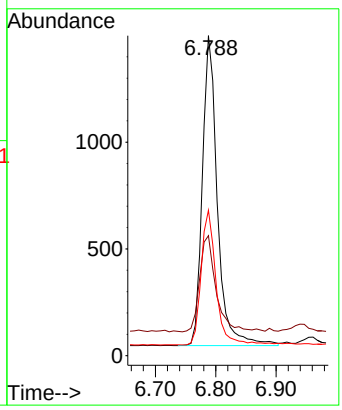


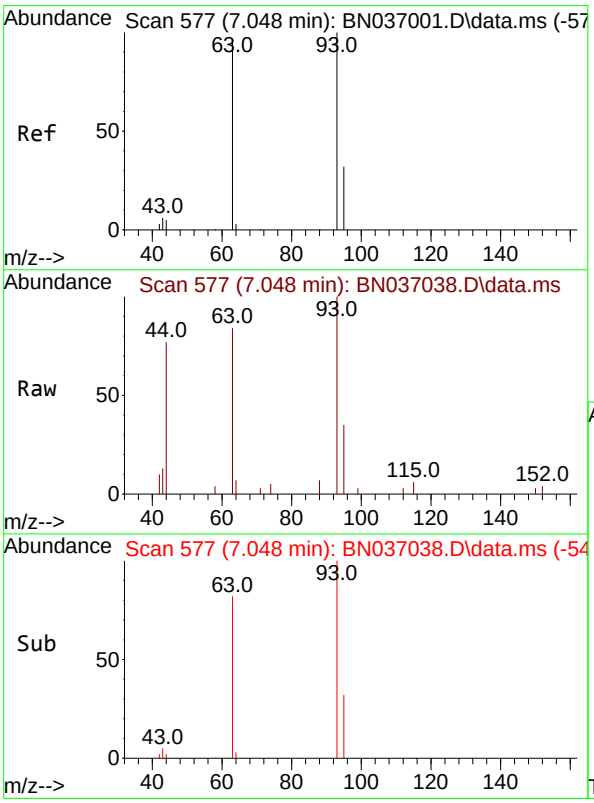
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.788 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2515

Ion	Ratio	Lower	Upper
99	100		
42	34.0	29.3	43.9
71	43.5	35.7	53.5

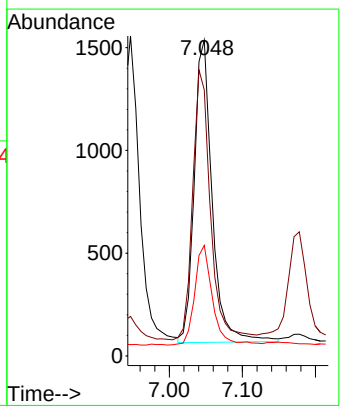


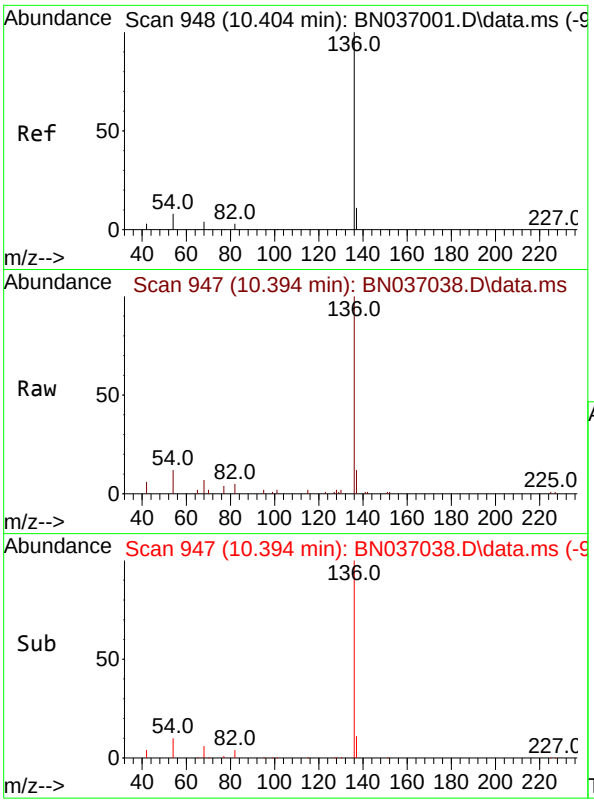


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.048 min Scan# 577
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion: 93 Resp: 2511

Ion	Ratio	Lower	Upper
93	100		
63	88.5	70.1	105.1
95	32.6	26.2	39.2



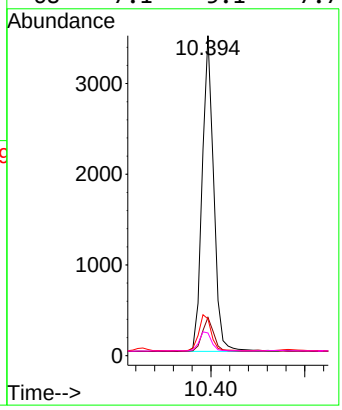


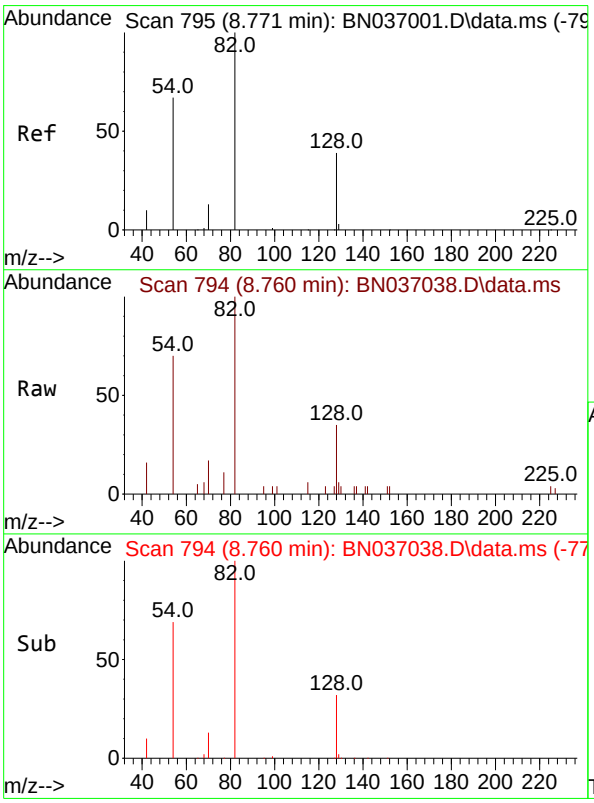
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5916

Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.4	15.6
54	11.5	8.5	12.7
68	7.1	5.1	7.7

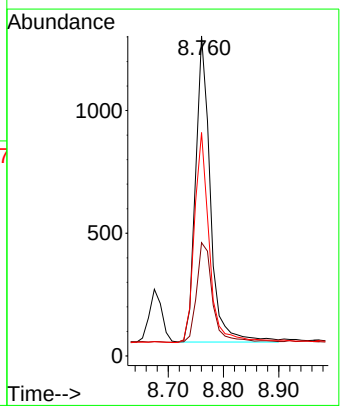


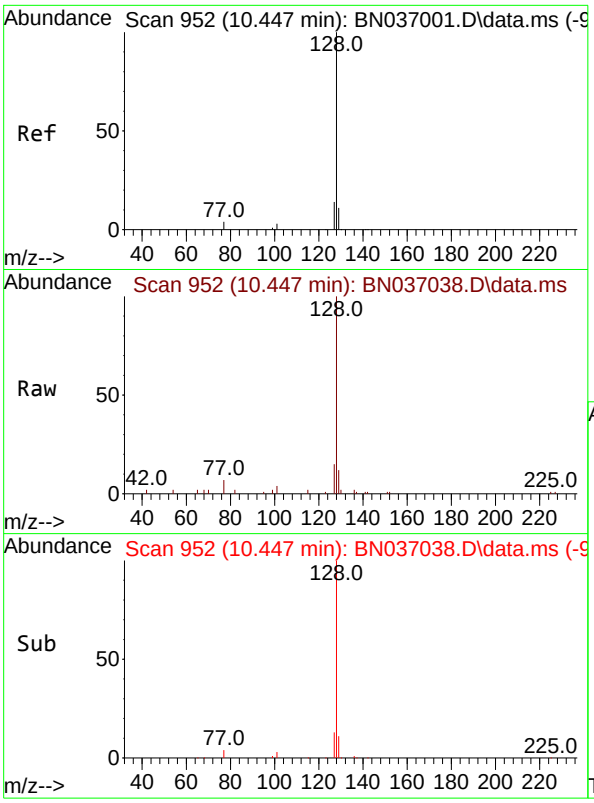


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion: 82 Resp: 2321

Ion	Ratio	Lower	Upper
82	100		
128	35.4	34.0	51.0
54	69.8	55.0	82.4



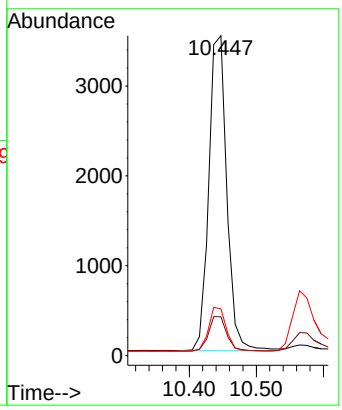


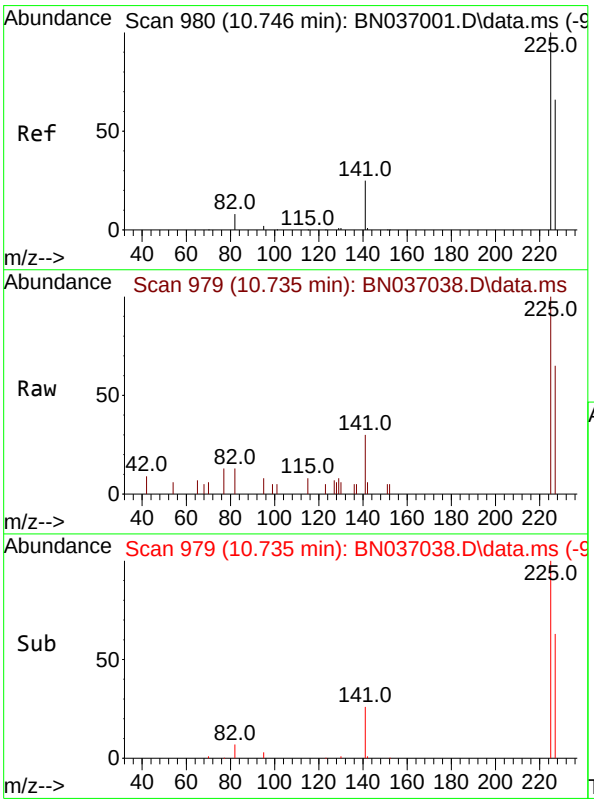
#9
Naphthalene
Concen: 0.374 ng
RT: 10.447 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 6536

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.7	14.5
127	14.7	12.4	18.6

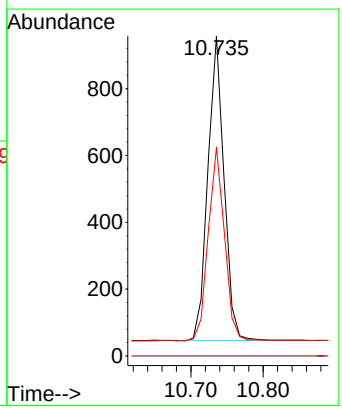


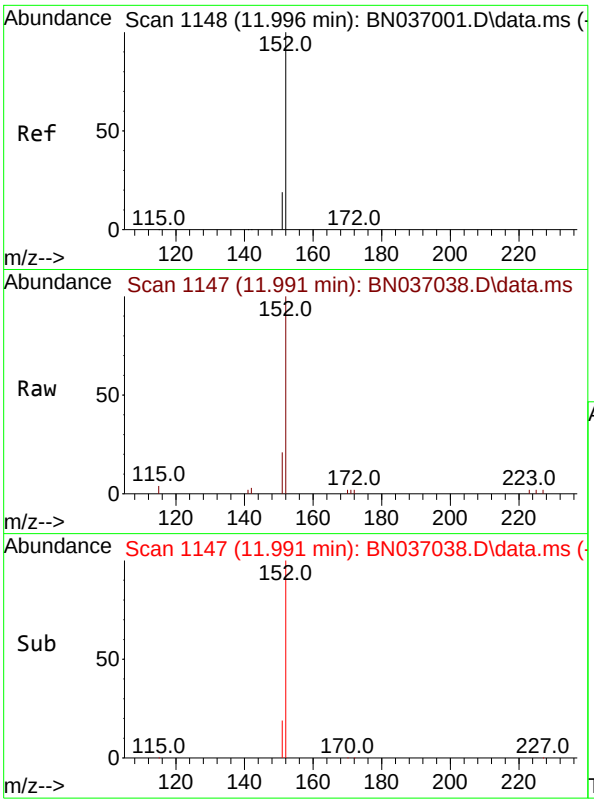


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.735 min Scan# 979
Delta R.T. -0.011 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:225 Resp: 1420

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	50.9	76.3



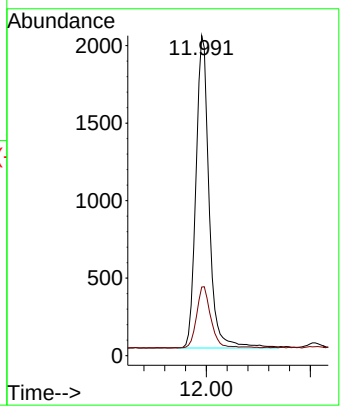


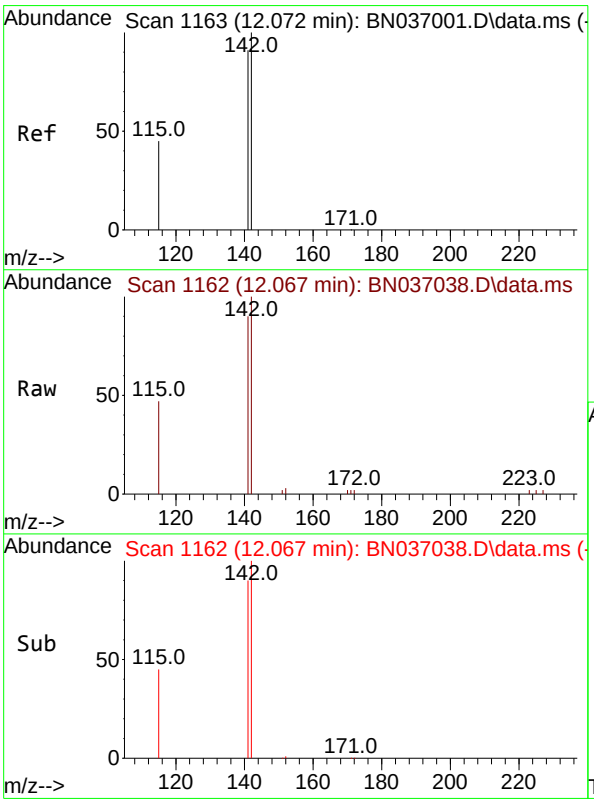
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 11.991 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3536

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3

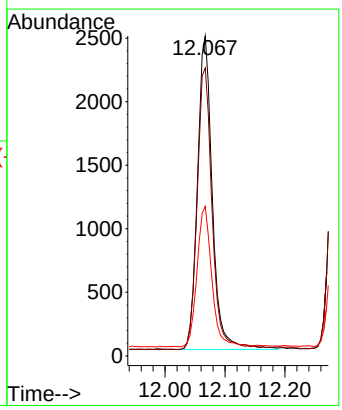


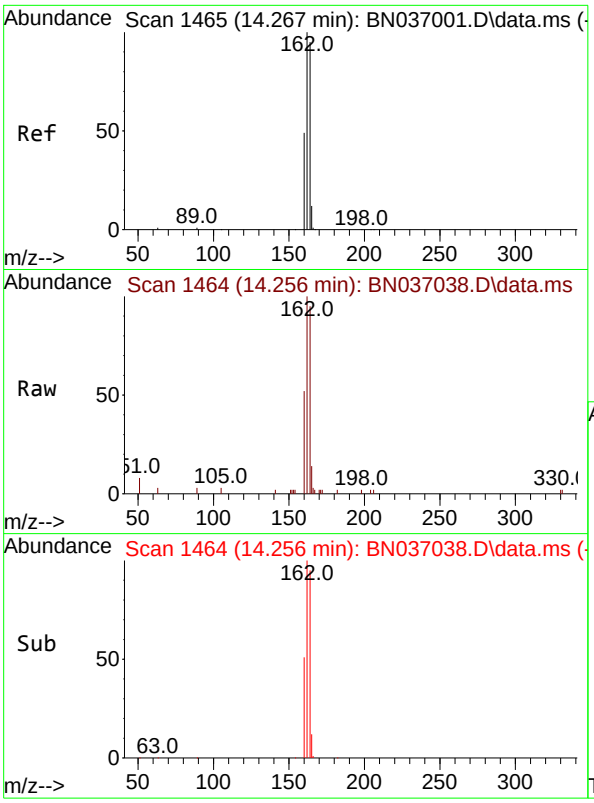


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.067 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:142 Resp: 4246

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.3	109.9
115	46.7	38.4	57.6



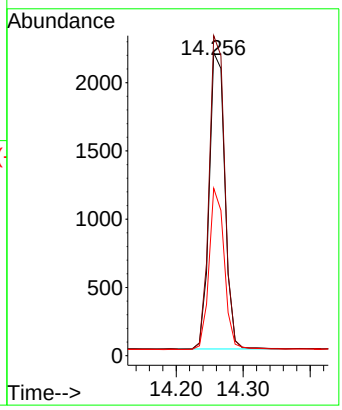


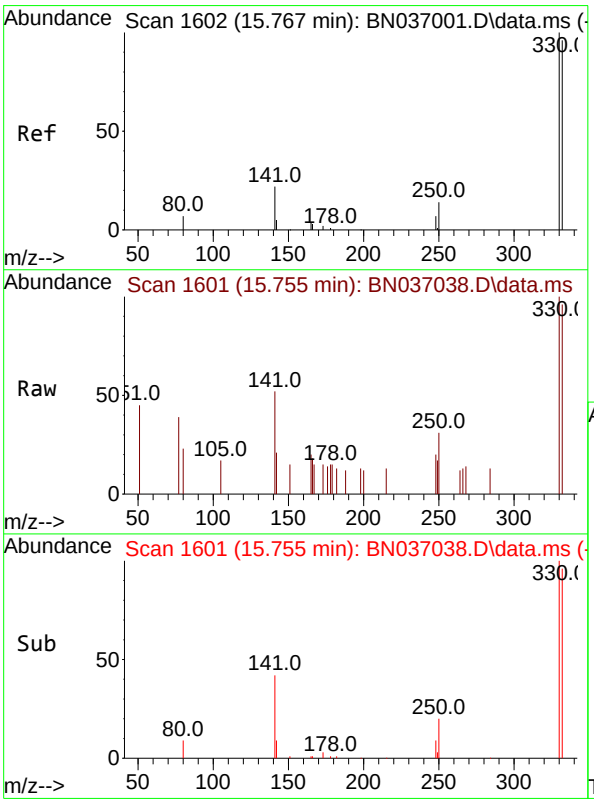
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3512

Ion	Ratio	Lower	Upper
164	100		
162	105.6	84.2	126.4
160	55.2	42.6	63.8

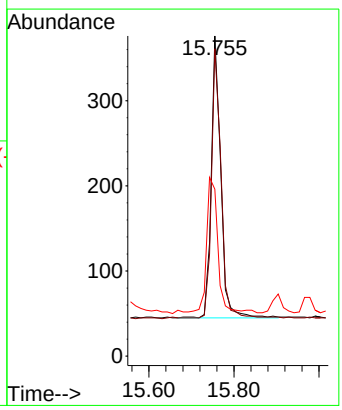


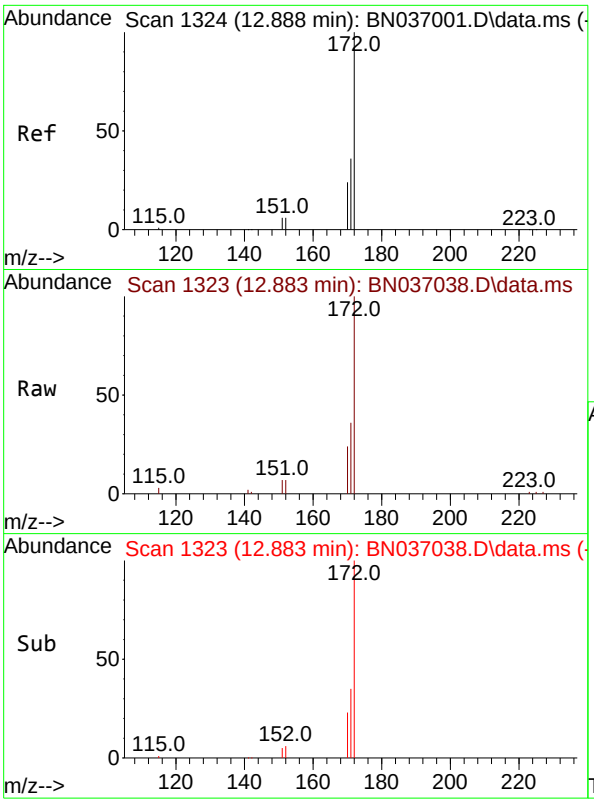


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:330 Resp: 515

Ion	Ratio	Lower	Upper
330	100		
332	95.5	73.8	110.8
141	56.3	43.9	65.9



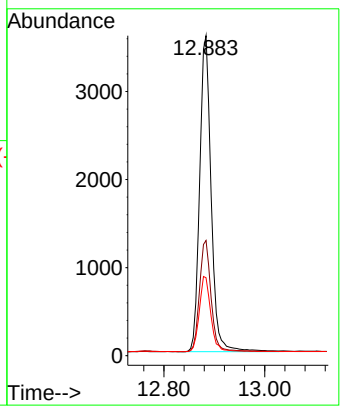


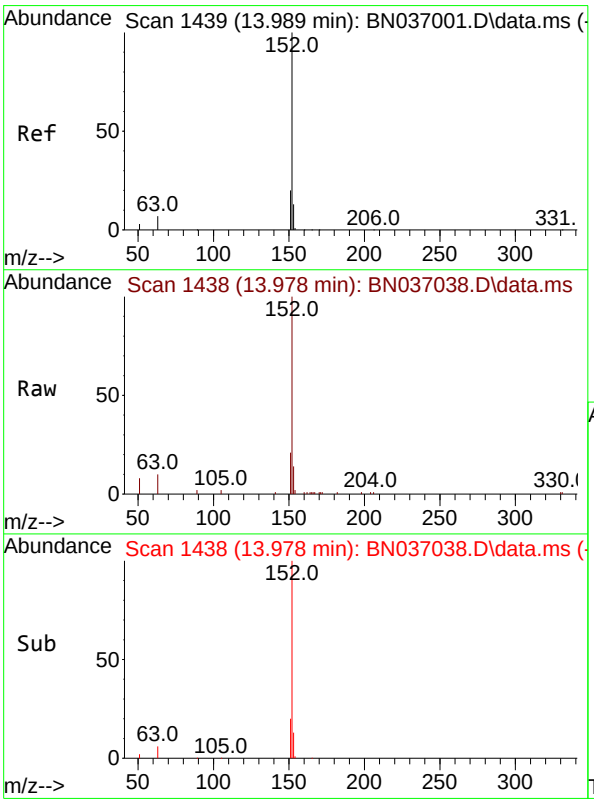
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 12.883 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5990

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.4	20.5	30.7

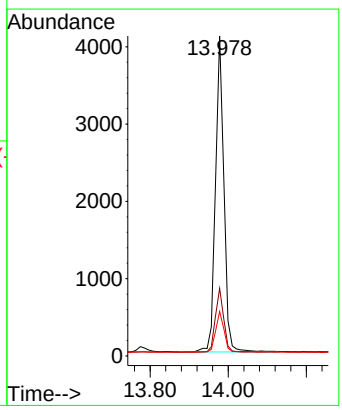


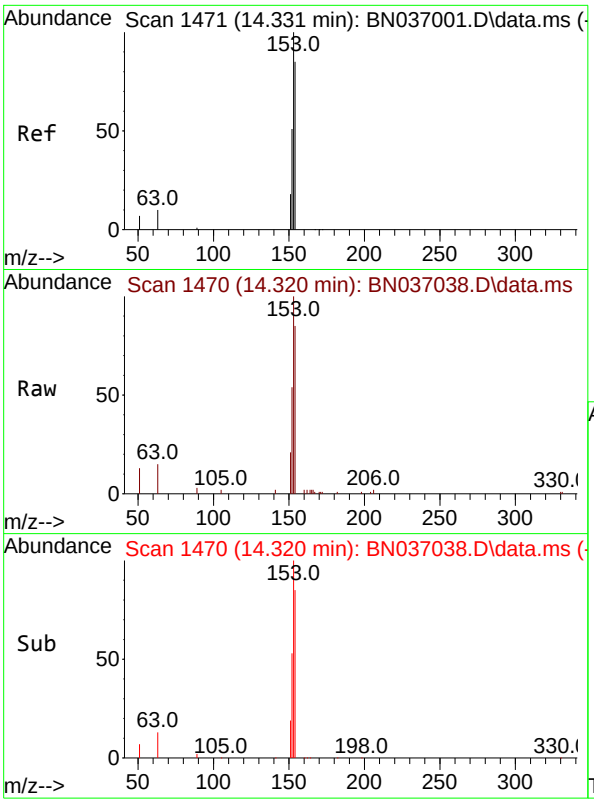


#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.978 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:152 Resp: 6165

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	12.9	10.5	15.7



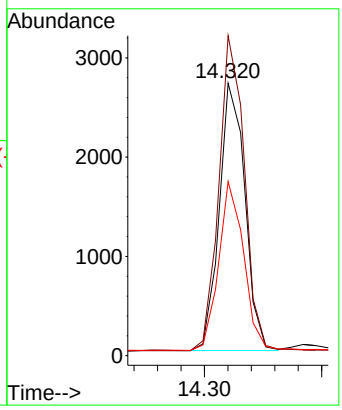


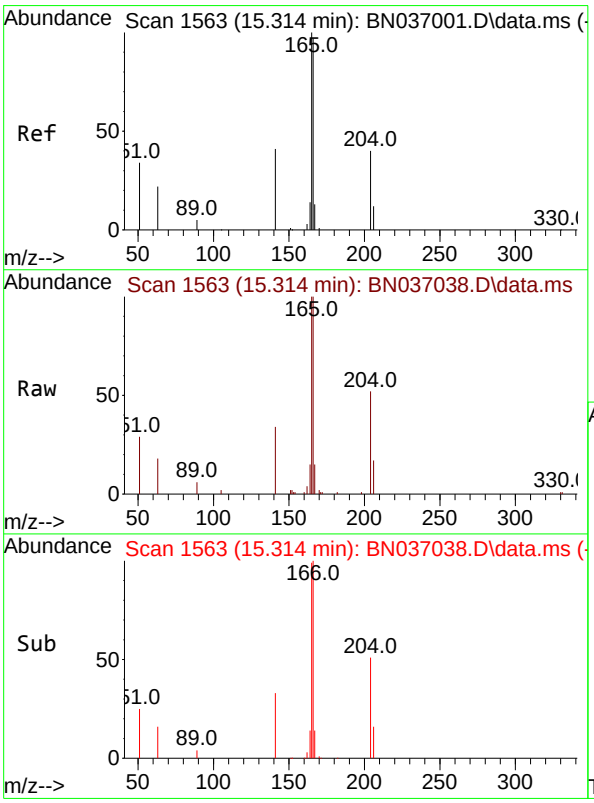
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.320 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4087

Ion	Ratio	Lower	Upper
154	100		
153	118.0	94.2	141.4
152	62.1	49.4	74.0

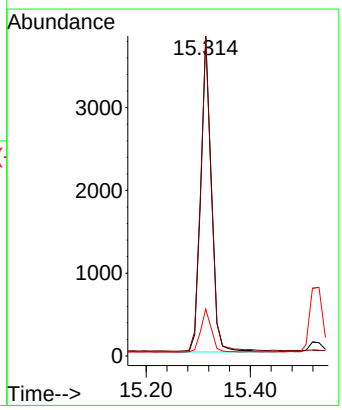


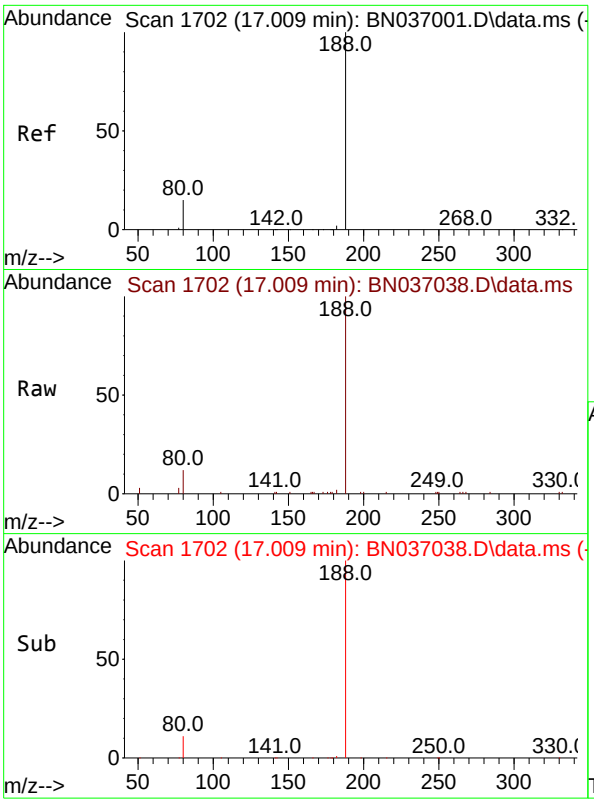


#18
Fluorene
Concen: 0.370 ng
RT: 15.314 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:166 Resp: 5419

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.6	120.8
167	13.5	10.6	16.0



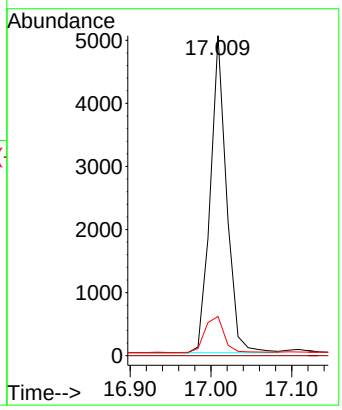


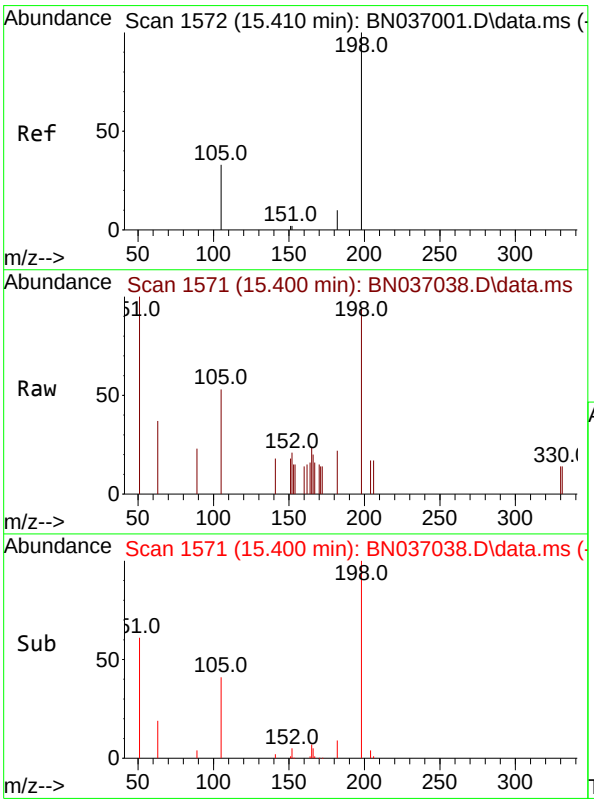
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7043

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	13.4	20.0#

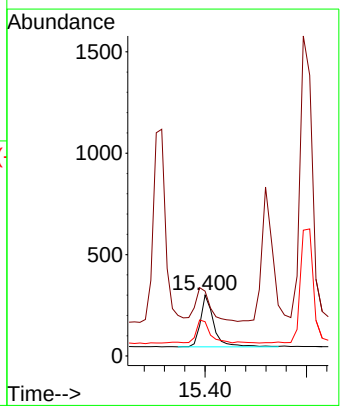


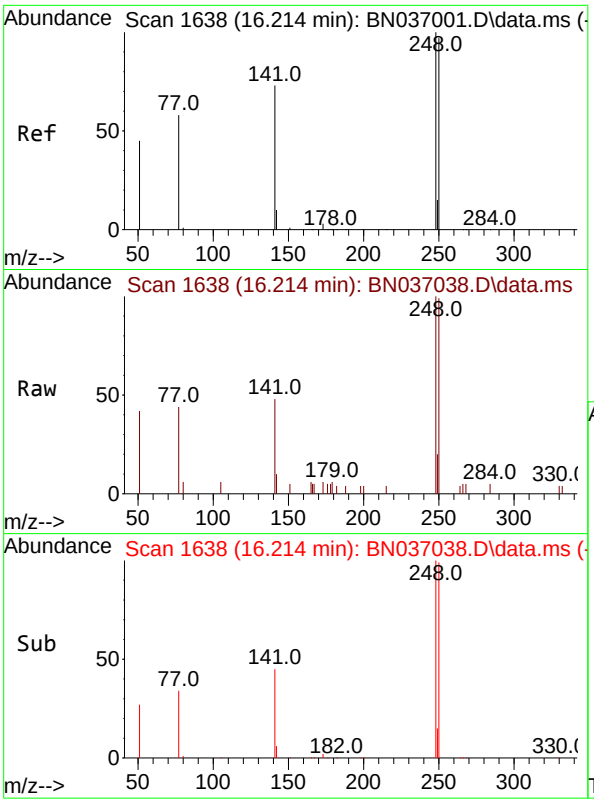


#20
4,6-Dinitro-2-methylphenol
Concen: 0.357 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.010 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:198 Resp: 480

Ion	Ratio	Lower	Upper
198	100		
51	106.7	87.8	131.6
105	56.3	44.2	66.4



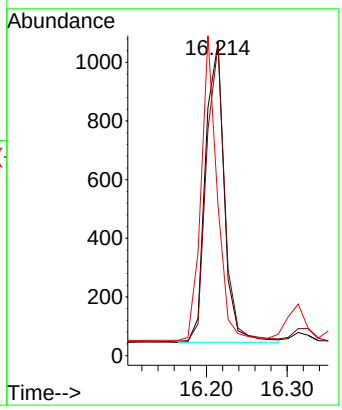


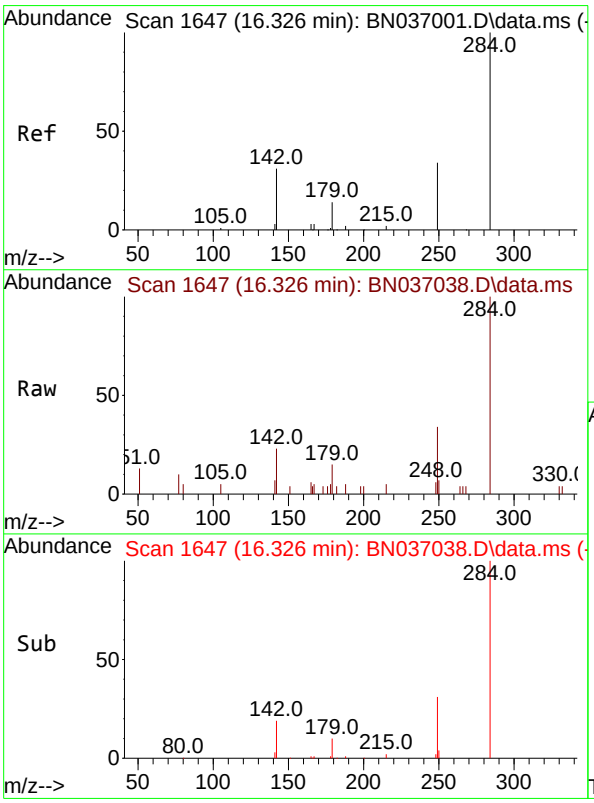
#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.214 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1651

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.1	117.1
141	47.9	59.7	89.5#

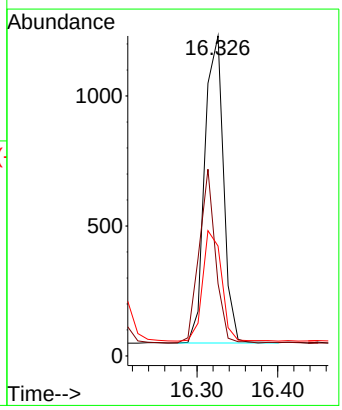


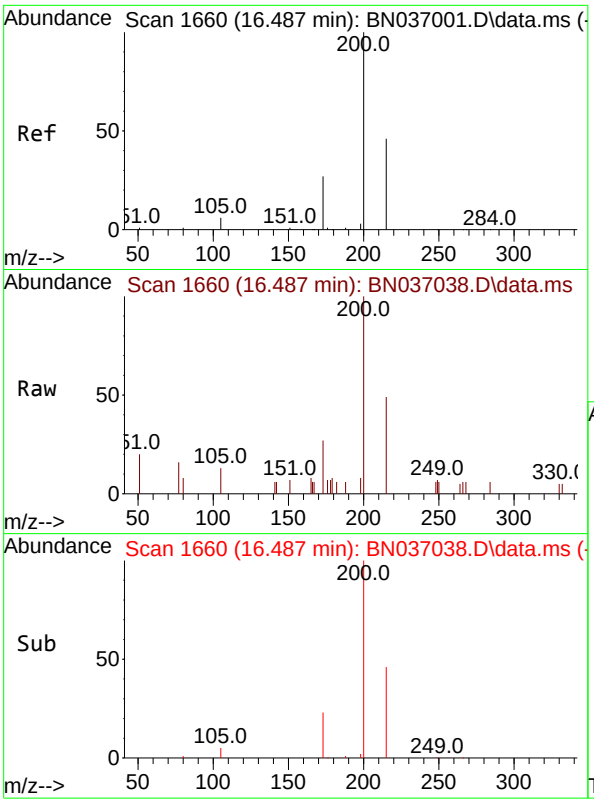


#22
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.326 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:284 Resp: 1897

Ion	Ratio	Lower	Upper
284	100		
142	49.9	41.2	61.8
249	36.5	28.7	43.1



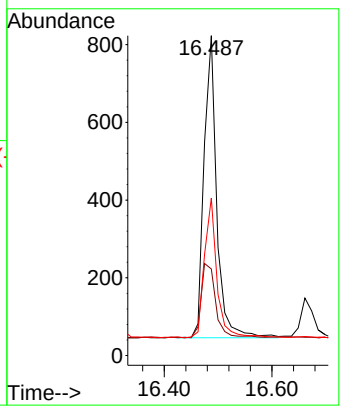


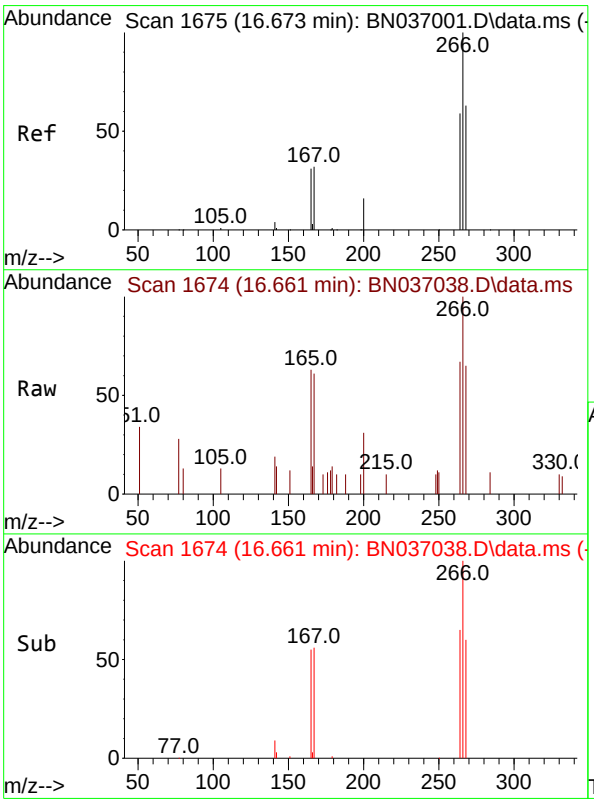
#23
Atrazine
Concen: 0.328 ng
RT: 16.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1271

Ion	Ratio	Lower	Upper
200	100		
173	27.1	25.2	37.8
215	49.2	39.3	58.9

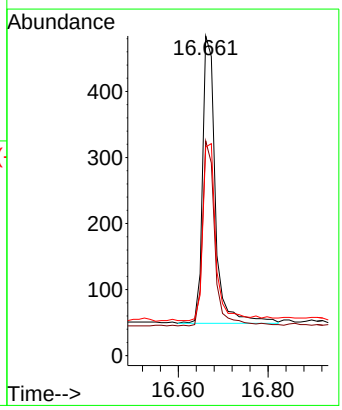


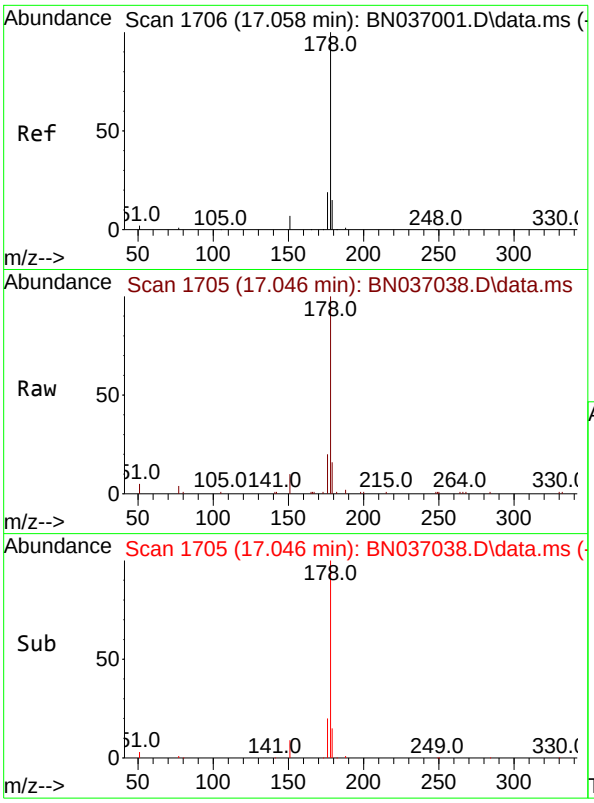


#24
Pentachlorophenol
Concen: 0.327 ng
RT: 16.661 min Scan# 1674
Delta R.T. -0.012 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:266 Resp: 859

Ion	Ratio	Lower	Upper
266	100		
264	62.0	47.9	71.9
268	61.9	50.0	75.0



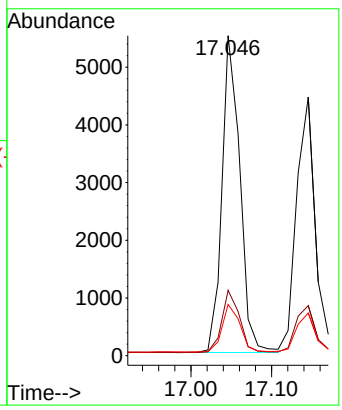


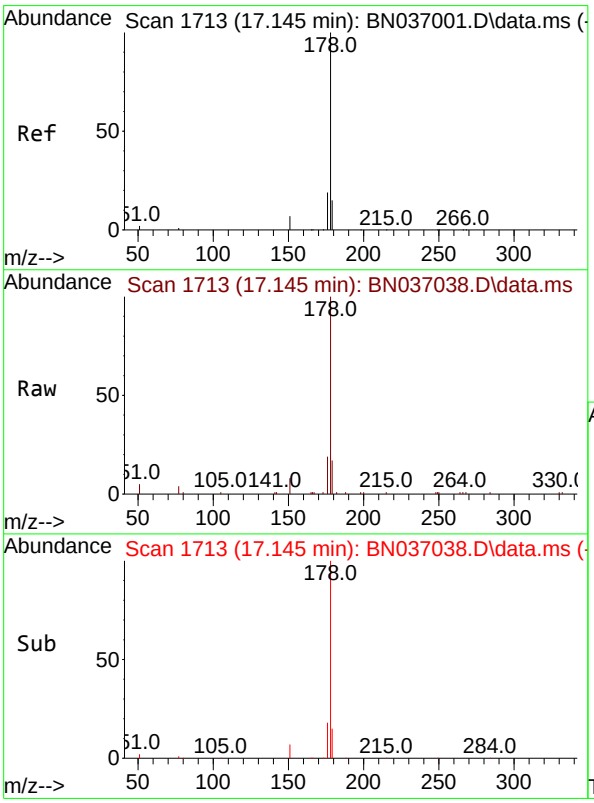
#25
Phenanthrene
Concen: 0.368 ng
RT: 17.046 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 8459

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	14.9	12.2	18.2

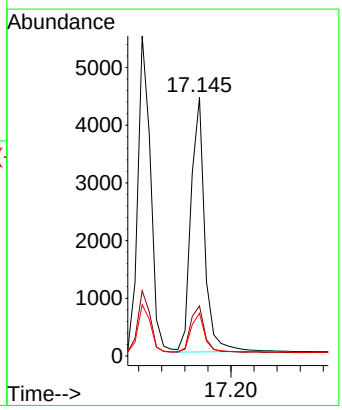


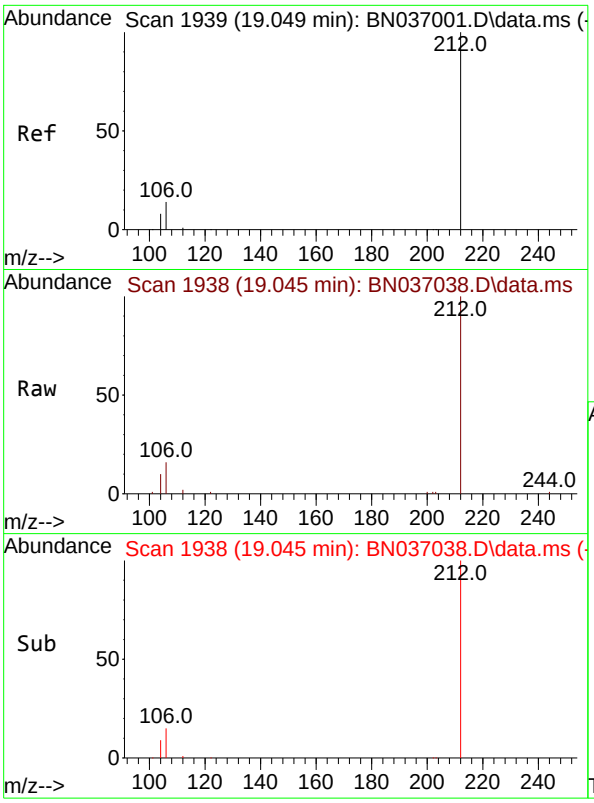


#26
Anthracene
Concen: 0.348 ng
RT: 17.145 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:178 Resp: 7295

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	15.4	12.3	18.5



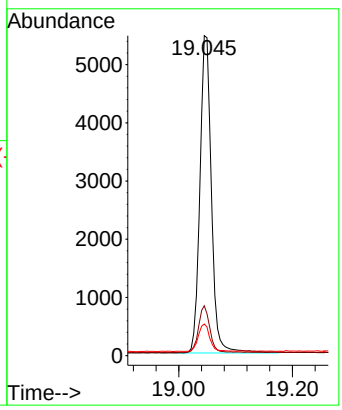


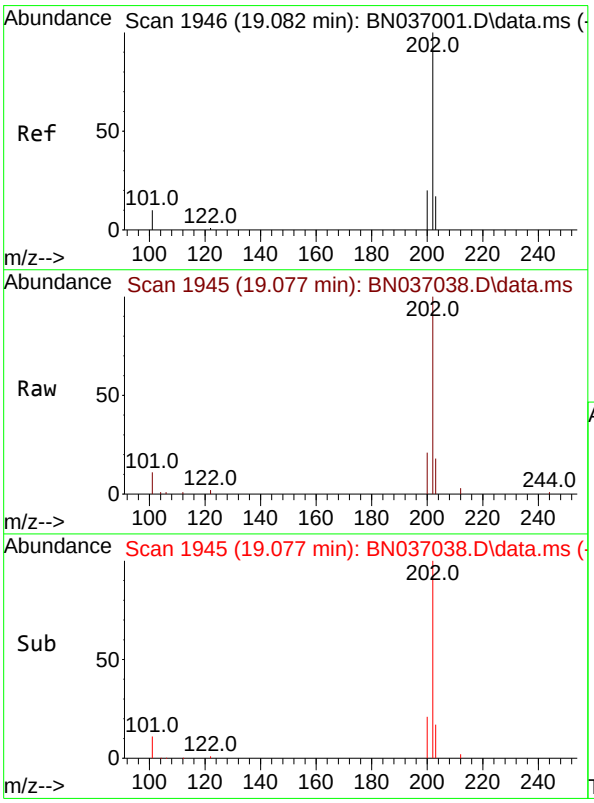
#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.045 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 7646

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.3	16.9
104	8.6	6.7	10.1

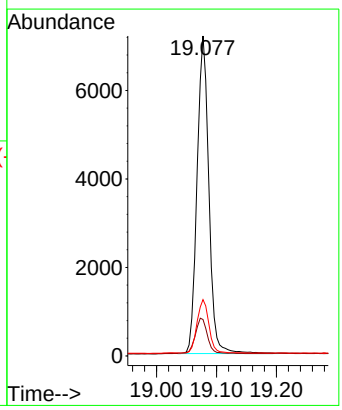


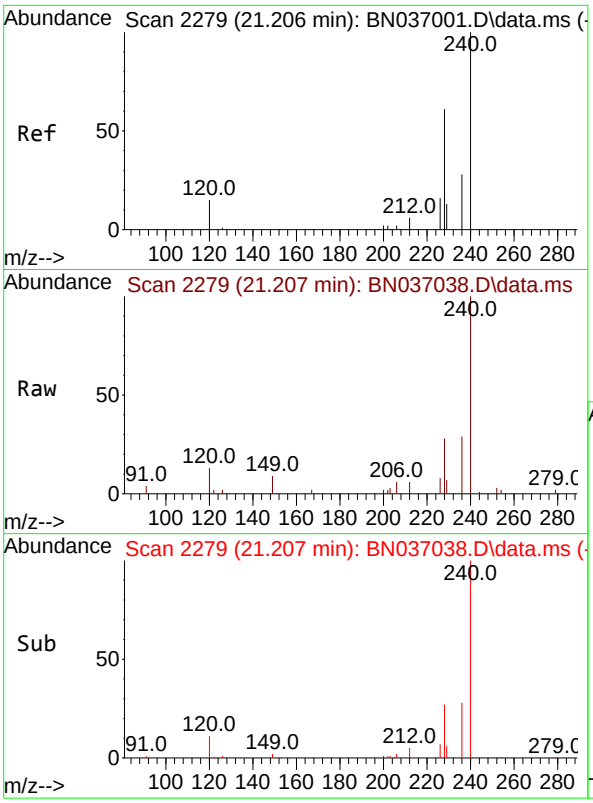


#28
Fluoranthene
Concen: 0.357 ng
RT: 19.077 min Scan# 1945
Delta R.T. -0.004 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:202 Resp: 9826

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
203	16.7	13.8	20.8



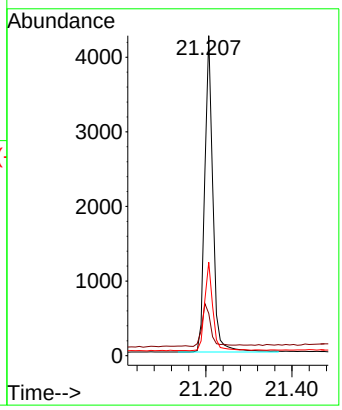


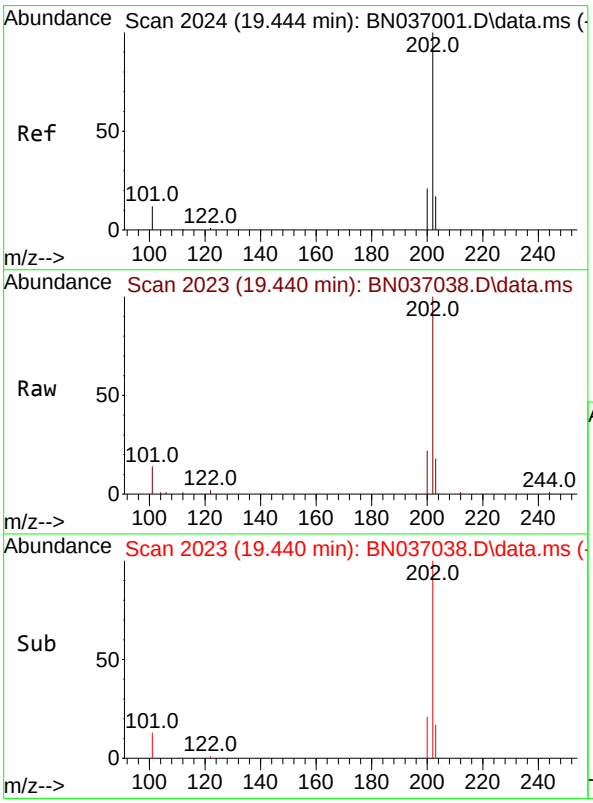
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 5607

Ion	Ratio	Lower	Upper
240	100		
120	13.2	15.1	22.7#
236	29.2	24.0	36.0

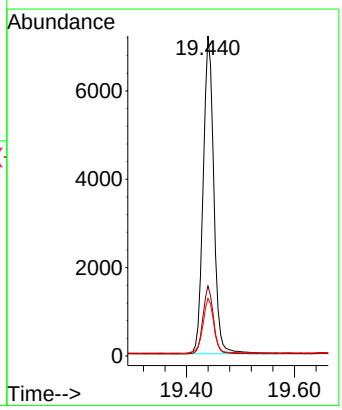


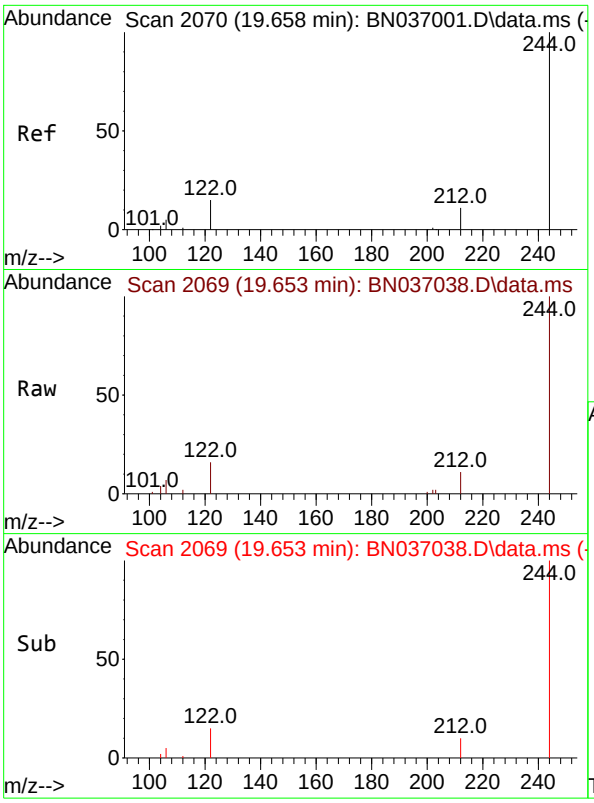


#30
Pyrene
Concen: 0.411 ng
RT: 19.440 min Scan# 2023
Delta R.T. -0.004 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:202 Resp: 9850

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.8	14.2	21.4



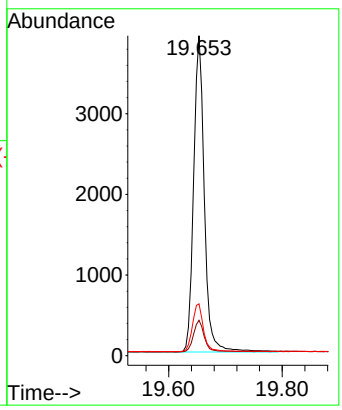


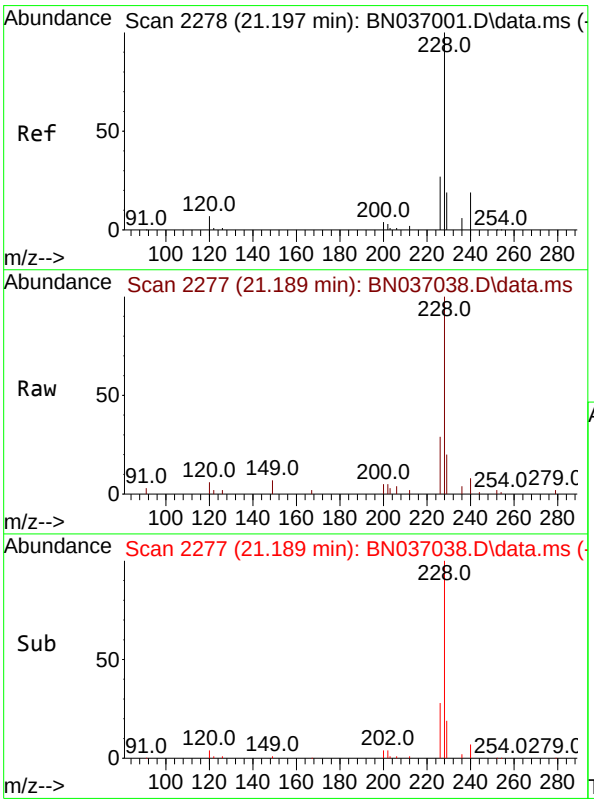
#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.653 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 5133

Ion	Ratio	Lower	Upper
244	100		
212	11.0	9.7	14.5
122	16.2	13.4	20.0

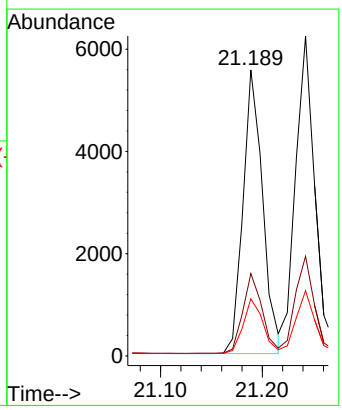


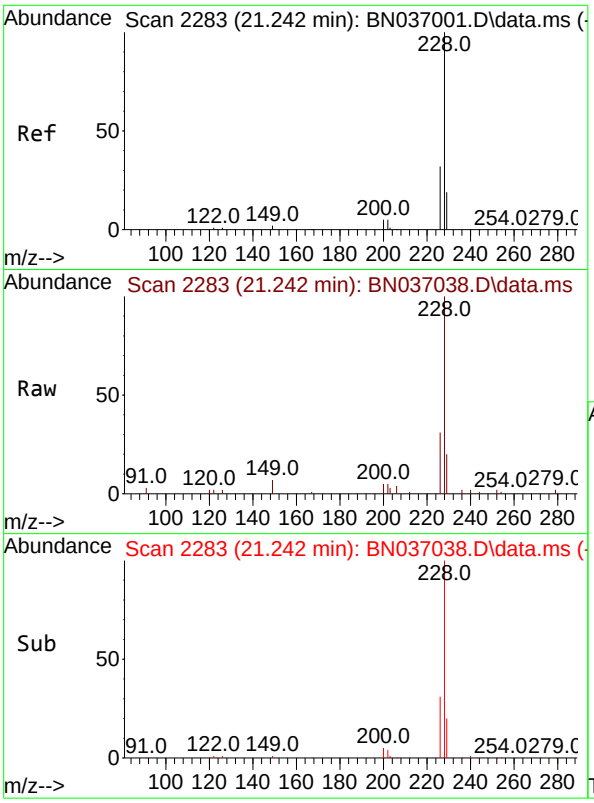


#32
Benzo(a)anthracene
Concen: 0.352 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.009 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:228 Resp: 7437

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.2	33.4
229	19.9	16.0	24.0



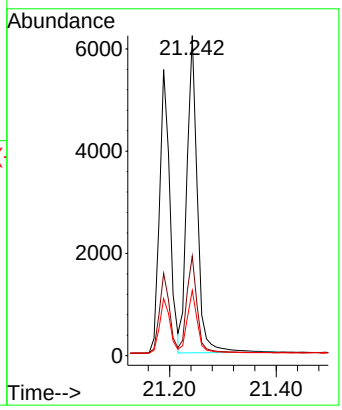


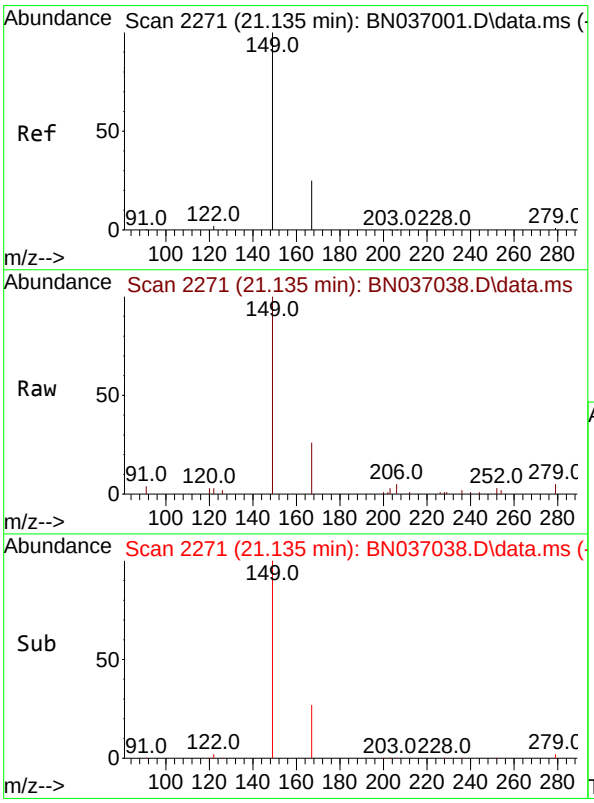
#33
Chrysene
Concen: 0.380 ng
RT: 21.242 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8480

Ion	Ratio	Lower	Upper
228	100		
226	31.1	26.3	39.5
229	20.4	16.2	24.2

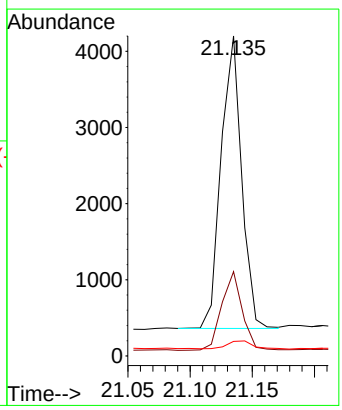


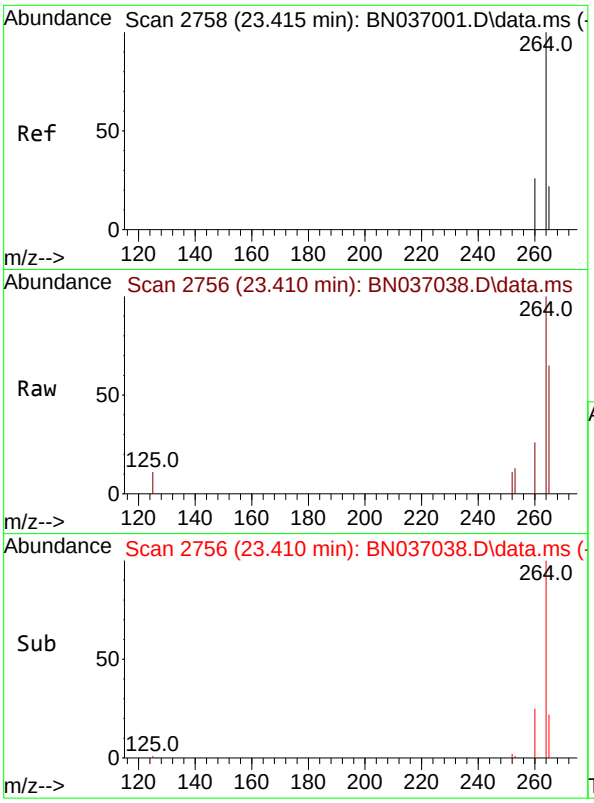


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.340 ng
RT: 21.135 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:149 Resp: 4419

Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.6	30.8
279	3.5	2.6	3.8



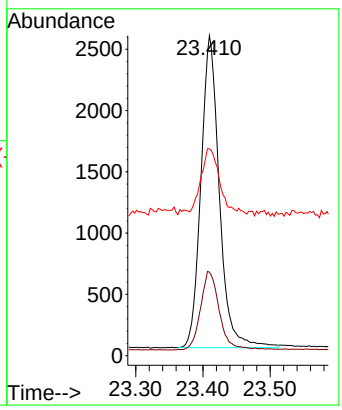


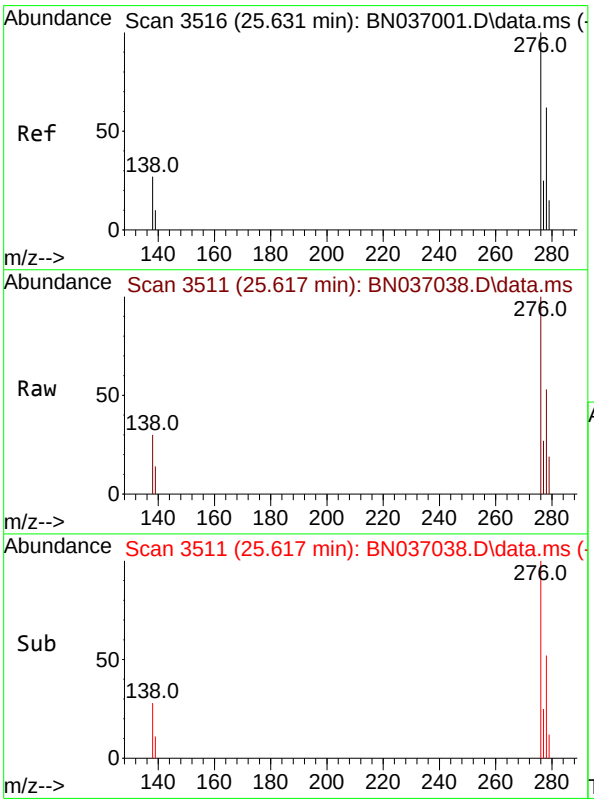
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.410 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4830

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.9	32.9
265	64.7	51.6	77.4

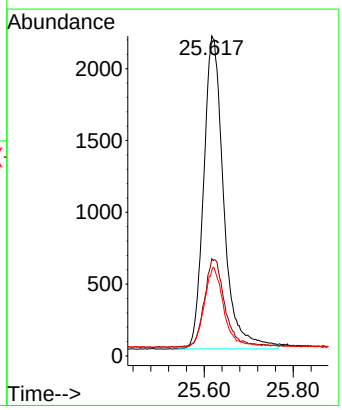


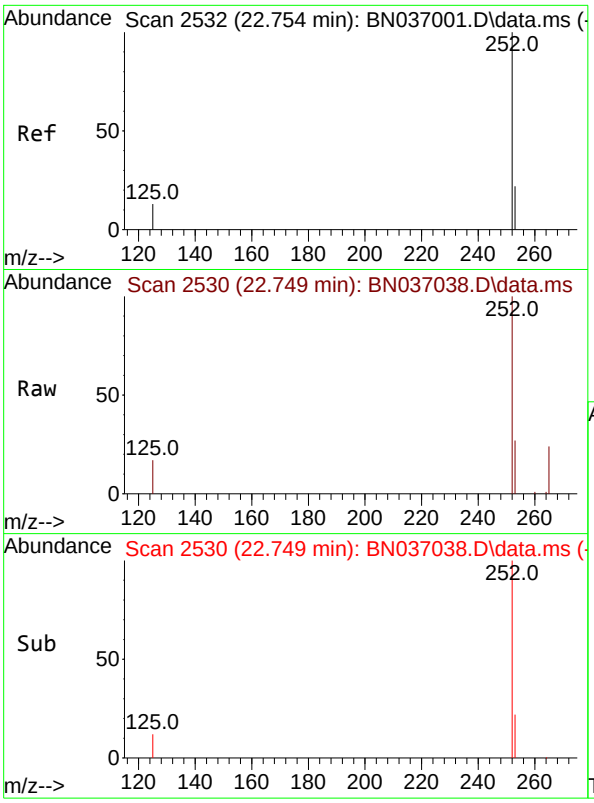


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng
RT: 25.617 min Scan# 3511
Delta R.T. -0.014 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:276 Resp: 6797

Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.7	34.1
277	25.1	20.0	30.0



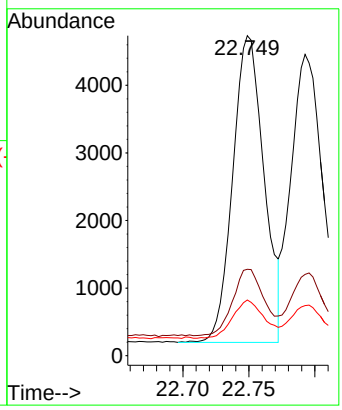


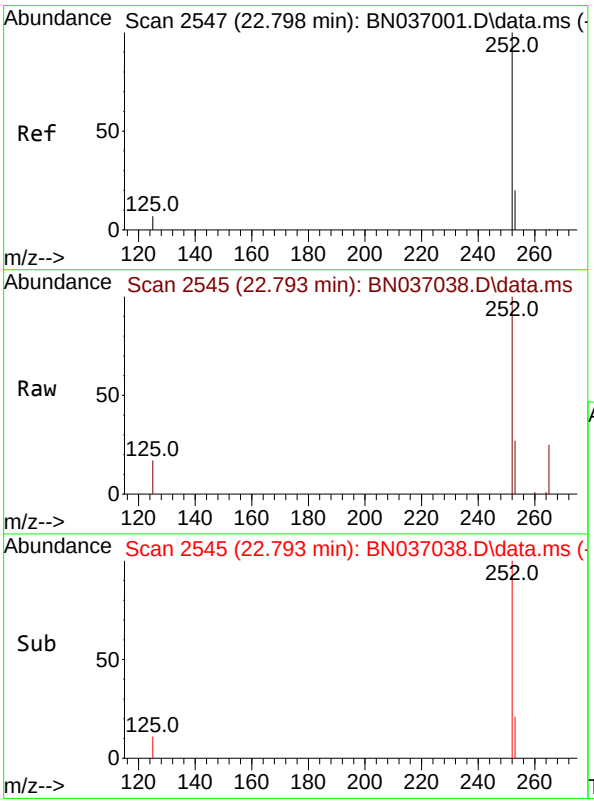
#37
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.749 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7489

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.8	32.6
125	17.4	14.6	21.8

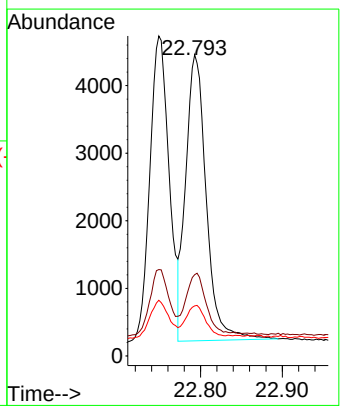


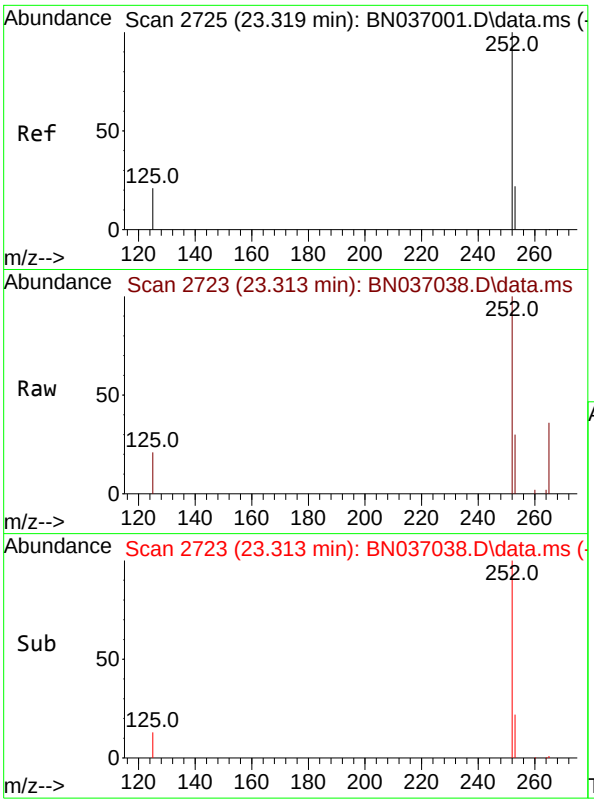


#38
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 22.793 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:252 Resp: 7388

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.4	32.2
125	16.6	13.0	19.4



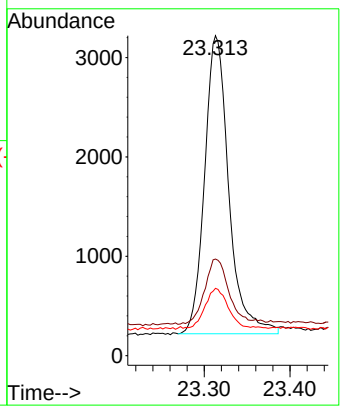


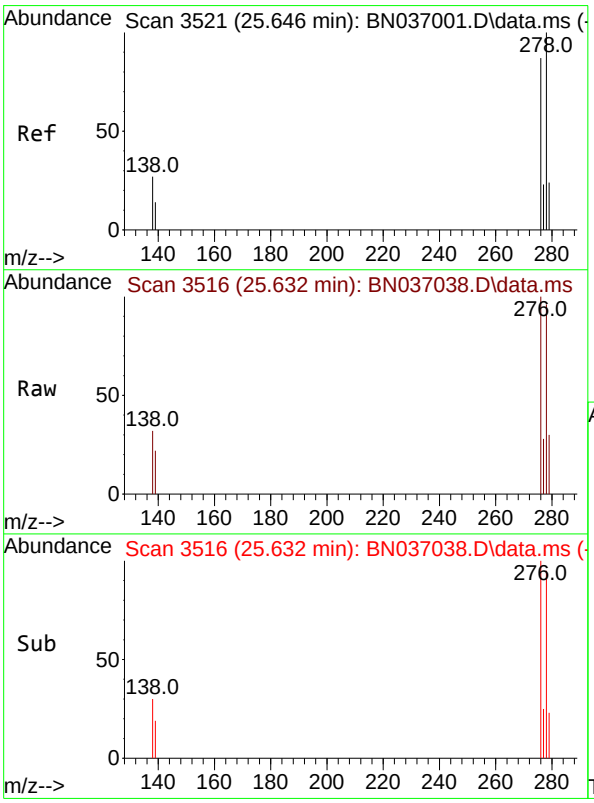
#39
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.313 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5890

Ion	Ratio	Lower	Upper
252	100		
253	30.2	23.8	35.6
125	21.1	21.8	32.6#

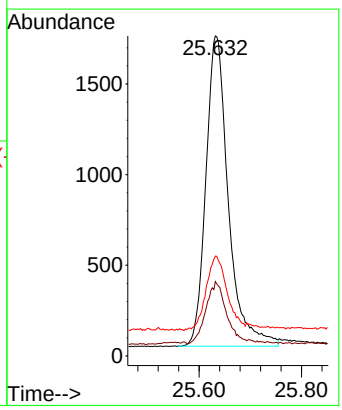


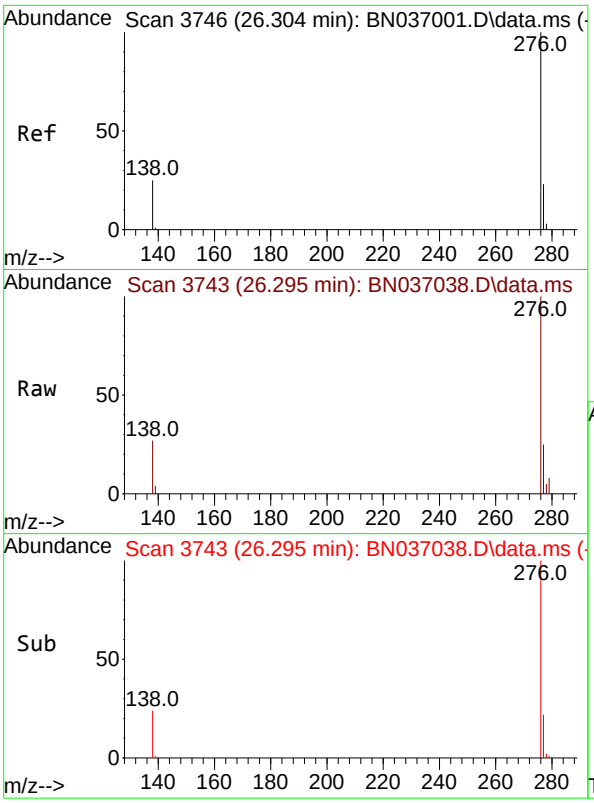


#40
Dibenzo(a,h)anthracene
Concen: 0.340 ng
RT: 25.632 min Scan# 3516
Delta R.T. -0.014 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Tgt Ion:278 Resp: 5217

Ion	Ratio	Lower	Upper
278	100		
139	23.2	17.4	26.0
279	31.2	24.6	37.0





#41
Benzo(g,h,i)perylene
Concen: 0.356 ng
RT: 26.295 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN037038.D
Acq: 19 May 2025 10:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 5941

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.4
138	27.0	22.0	33.0