Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037057.D
Acq On : 19 May 2025 22:53
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 19 23:47:21 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

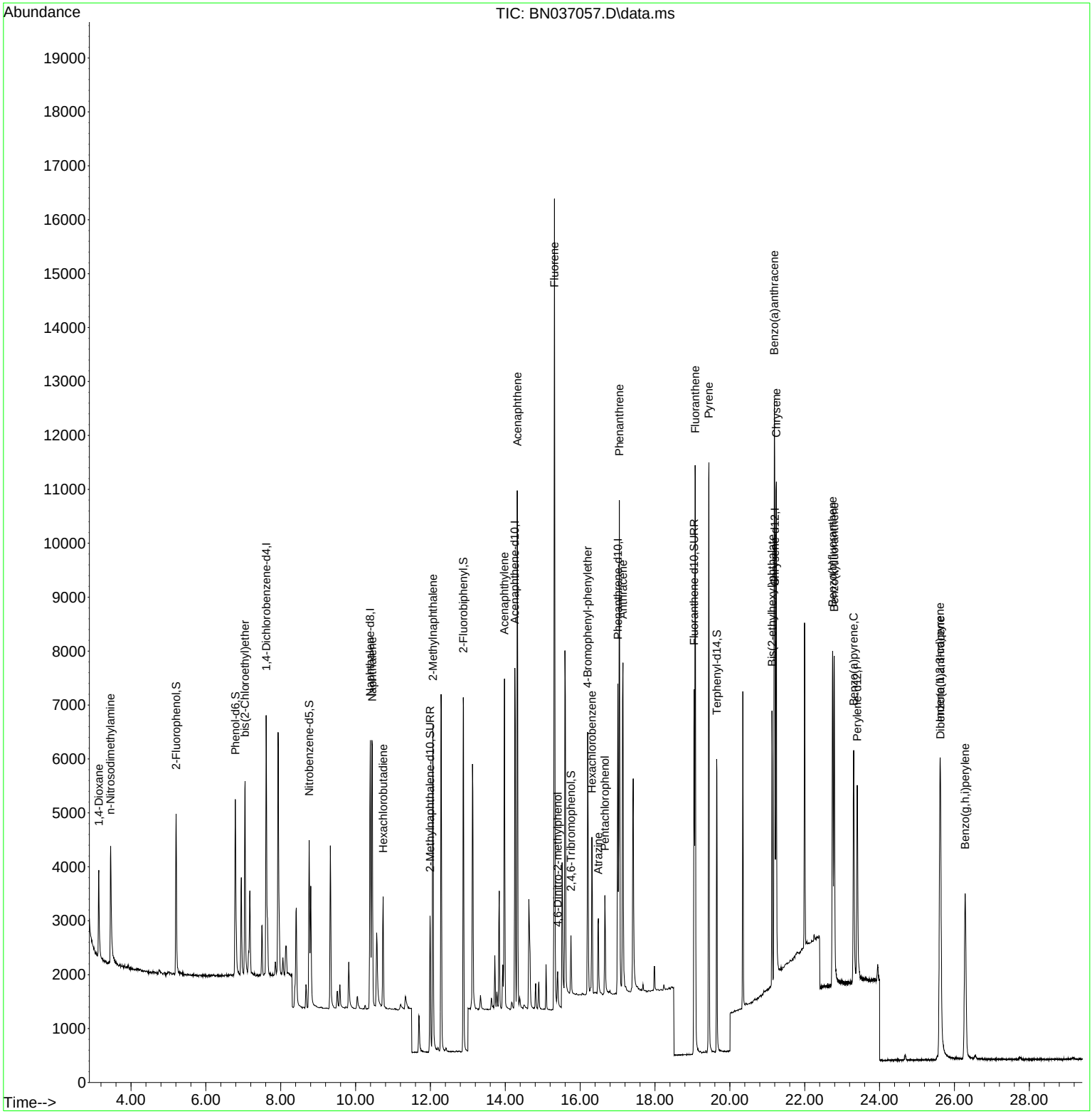
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.611	152	2299	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	6270	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	3532	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	7168	0.400	ng	#	0.00
29) Chrysene-d12	21.207	240	5669	0.400	ng	#	0.00
35) Perylene-d12	23.404	264	4936	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2191	0.364	ng		0.00
5) Phenol-d6	6.788	99	2688	0.357	ng		0.00
8) Nitrobenzene-d5	8.760	82	2516	0.369	ng		-0.01
11) 2-Methylnaphthalene-d10	11.991	152	3621	0.410	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	554	0.357	ng		-0.01
15) 2-Fluorobiphenyl	12.878	172	6252	0.387	ng		0.00
27) Fluoranthene-d10	19.045	212	7660	0.390	ng		0.00
31) Terphenyl-d14	19.649	244	5174	0.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	1039	0.368	ng		93
3) n-Nitrosodimethylamine	3.451	42	2166	0.357	ng	#	95
6) bis(2-Chloroethyl)ether	7.048	93	2646	0.381	ng		98
9) Naphthalene	10.447	128	6981	0.377	ng		98
10) Hexachlorobutadiene	10.735	225	1579	0.406	ng	#	97
12) 2-Methylnaphthalene	12.067	142	4484	0.376	ng		99
16) Acenaphthylene	13.978	152	6393	0.372	ng		100
17) Acenaphthene	14.320	154	4272	0.380	ng		100
18) Fluorene	15.314	166	5611	0.381	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	523	0.380	ng		92
21) 4-Bromophenyl-phenylether	16.202	248	1713	0.378	ng	#	78
22) Hexachlorobenzene	16.314	284	1906	0.393	ng		99
23) Atrazine	16.487	200	1384	0.351	ng		97
24) Pentachlorophenol	16.661	266	912	0.341	ng		97
25) Phenanthrene	17.046	178	8808	0.376	ng		99
26) Anthracene	17.145	178	7601	0.357	ng		100
28) Fluoranthene	19.077	202	9997	0.357	ng		99
30) Pyrene	19.440	202	10087	0.416	ng		100
32) Benzo(a)anthracene	21.189	228	7848	0.368	ng		99
33) Chrysene	21.242	228	8682	0.385	ng		97
34) Bis(2-ethylhexyl)phtha...	21.126	149	4647	0.354	ng		99
36) Indeno(1,2,3-cd)pyrene	25.614	276	7290	0.362	ng		99
37) Benzo(b)fluoranthene	22.746	252	7686	0.375	ng		99
38) Benzo(k)fluoranthene	22.790	252	7992	0.395	ng		99
39) Benzo(a)pyrene	23.307	252	6336	0.365	ng		98
40) Dibenzo(a,h)anthracene	25.629	278	5682	0.362	ng		99
41) Benzo(g,h,i)perylene	26.286	276	6297	0.369	ng		99

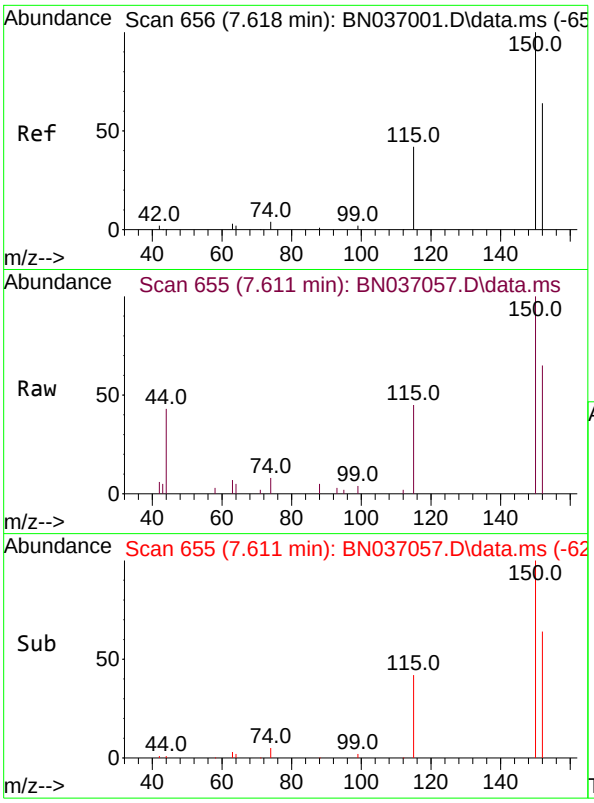
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037057.D
Acq On : 19 May 2025 22:53
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 19 23:47:21 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



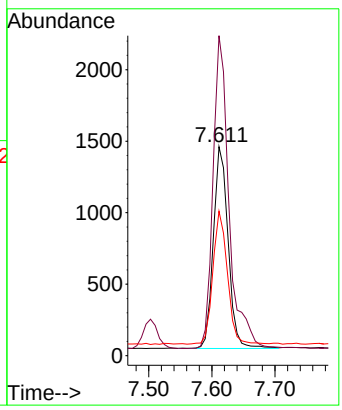


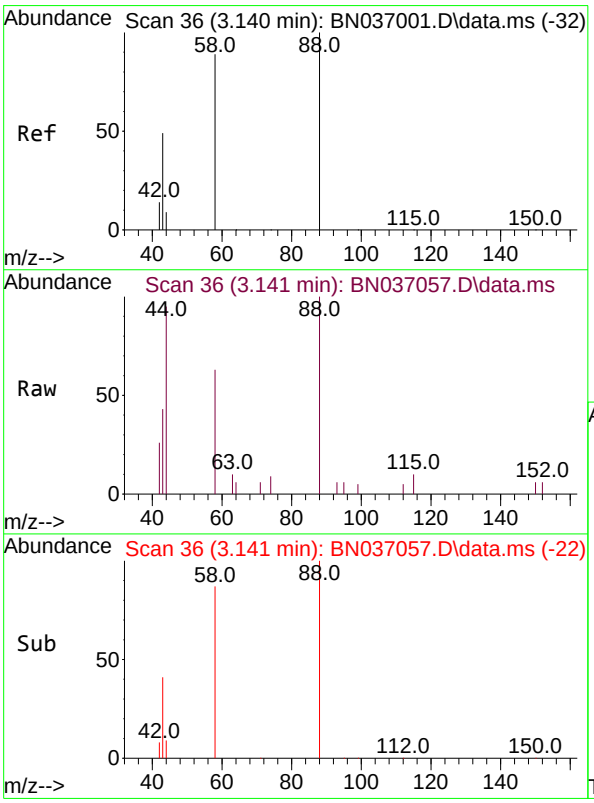
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2299

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.9	185.9
115	69.2	55.8	83.8

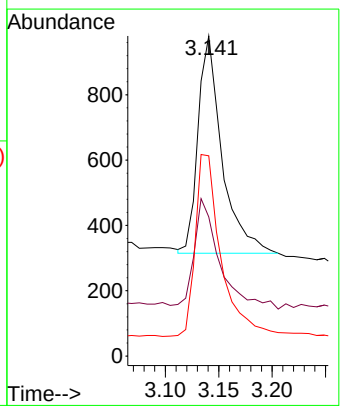


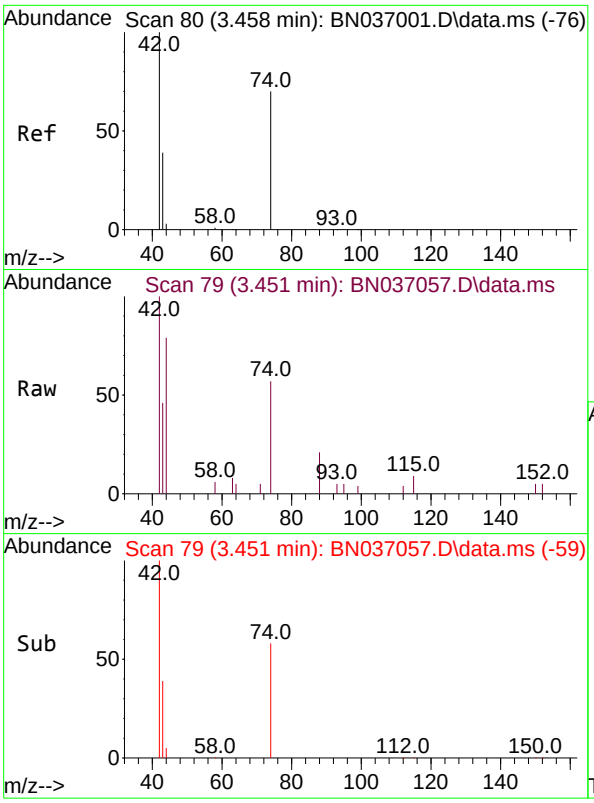


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.141 min Scan# 36
Delta R.T. 0.001 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion: 88 Resp: 1039

Ion	Ratio	Lower	Upper
88	100		
43	54.6	37.4	56.0
58	90.4	68.8	103.2



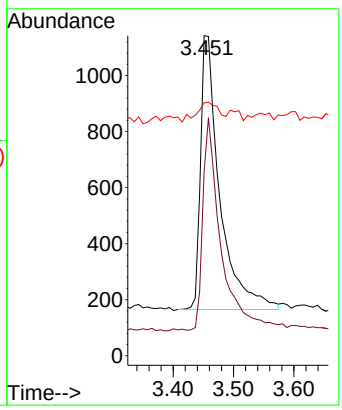


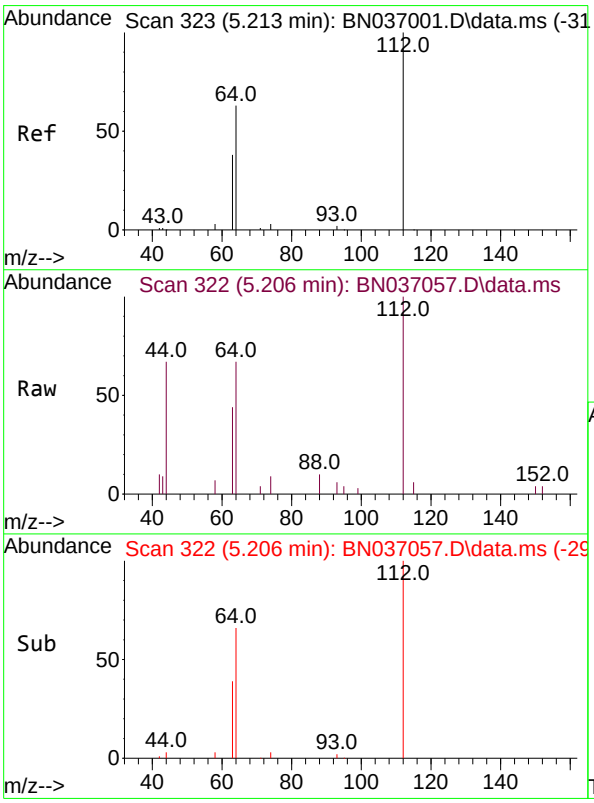
#3
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 3.451 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2166

Ion	Ratio	Lower	Upper
42	100		
74	72.3	59.8	89.6
44	8.4	11.9	17.9#

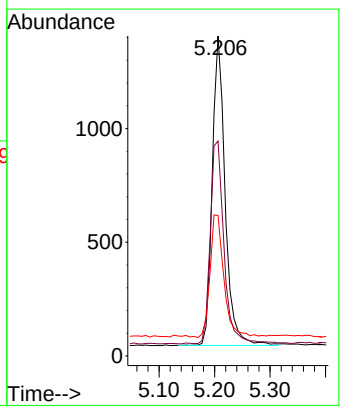


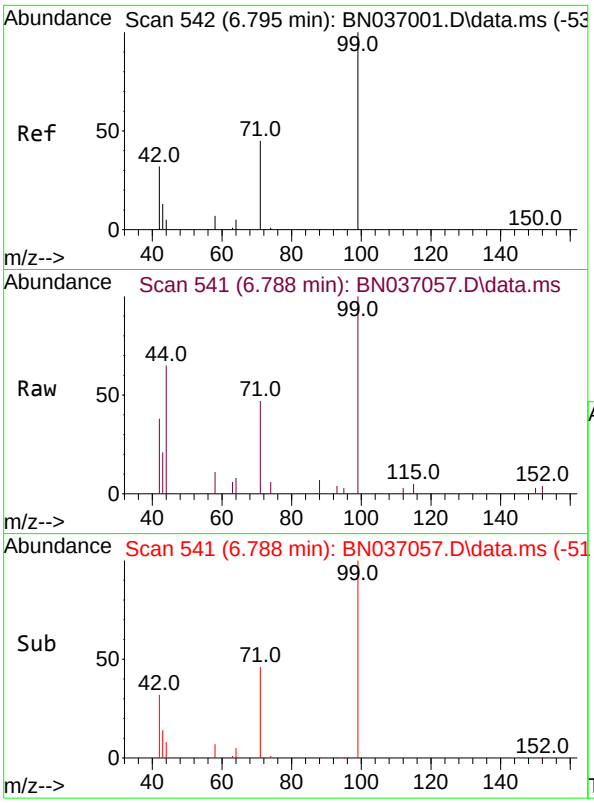


#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:112 Resp: 2191

Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.7	83.5
63	43.4	34.6	51.8



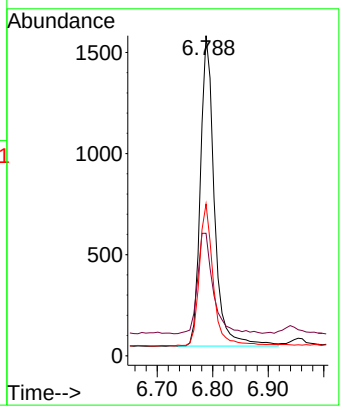


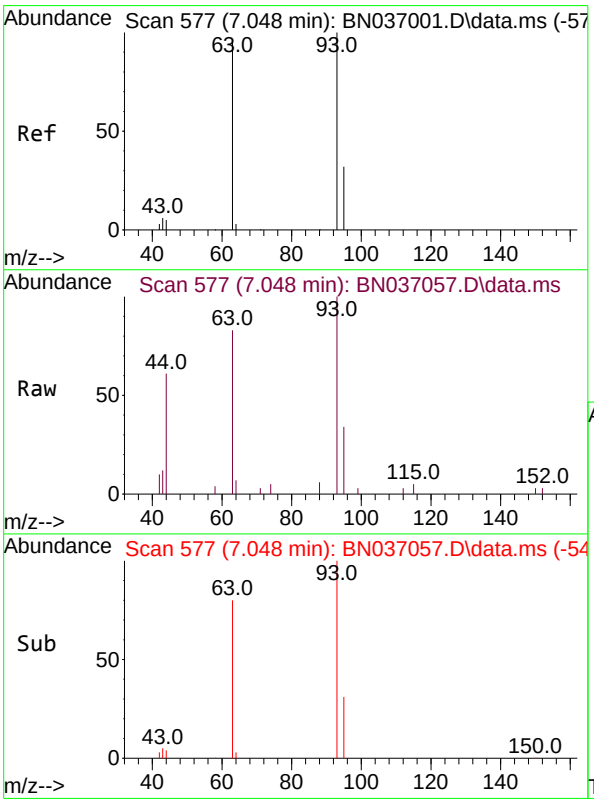
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.788 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2688

Ion	Ratio	Lower	Upper
99	100		
42	36.4	29.3	43.9
71	46.1	35.7	53.5

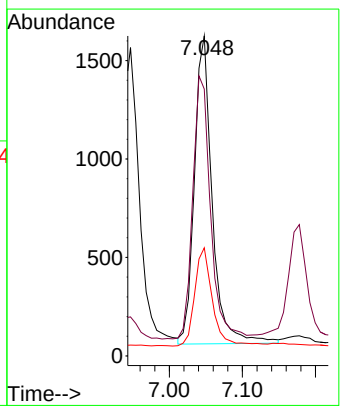


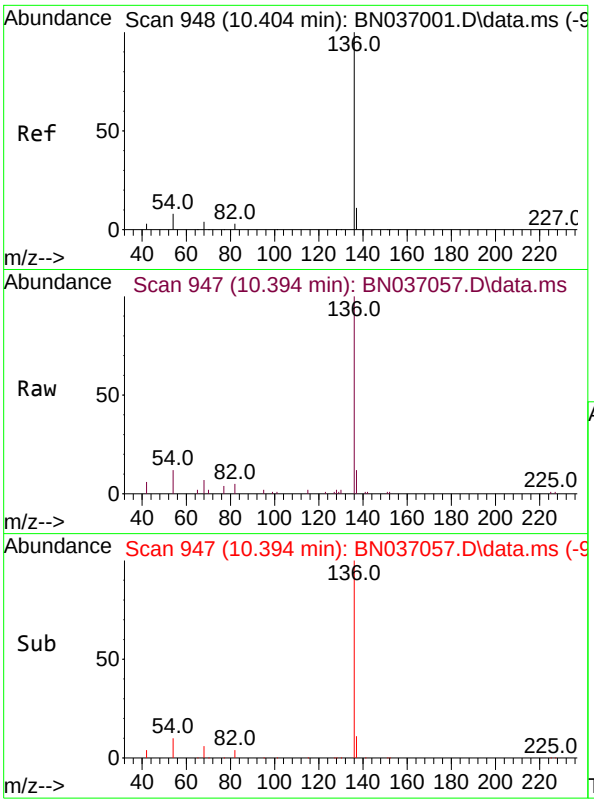


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 7.048 min Scan# 577
Delta R.T. 0.000 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion: 93 Resp: 2646

Ion	Ratio	Lower	Upper
93	100		
63	85.1	70.1	105.1
95	32.0	26.2	39.2



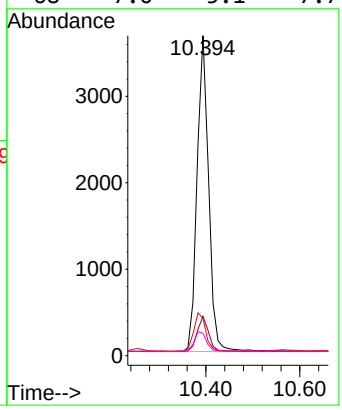


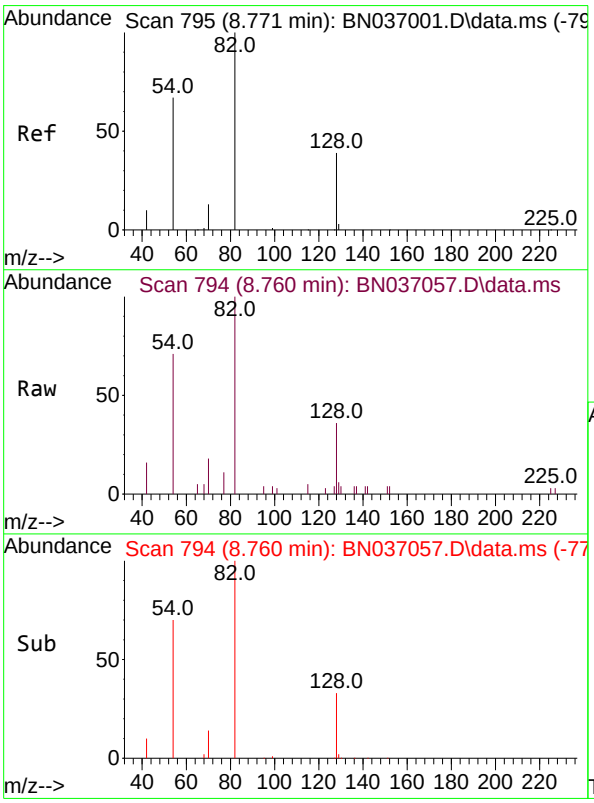
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6270

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.4	15.6
54	11.6	8.5	12.7
68	7.0	5.1	7.7

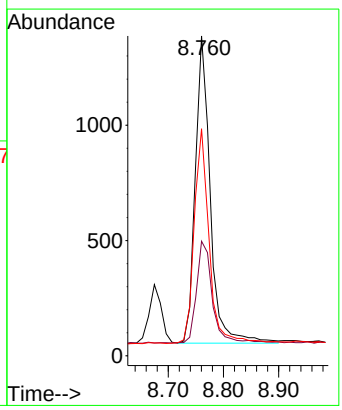


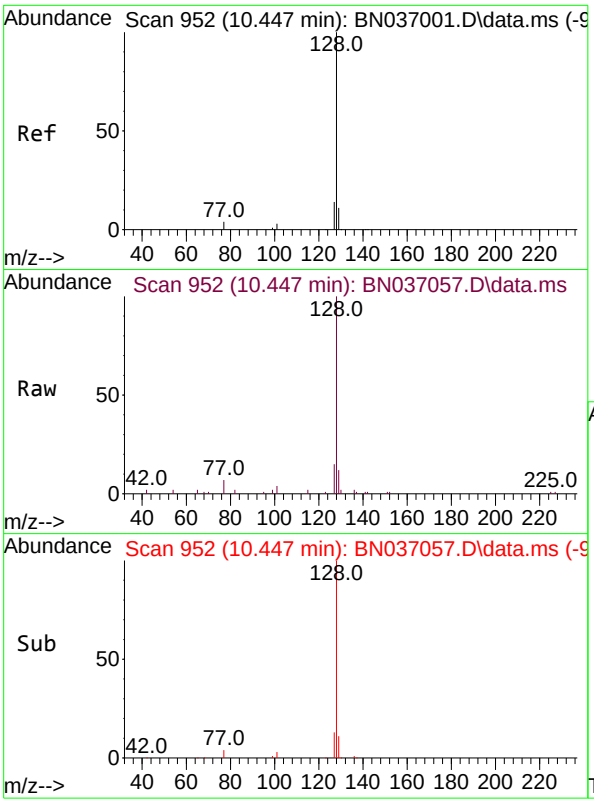


#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.010 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion: 82 Resp: 2516

Ion	Ratio	Lower	Upper
82	100		
128	35.8	34.0	51.0
54	71.0	55.0	82.4



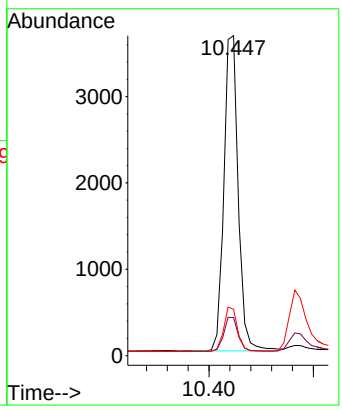


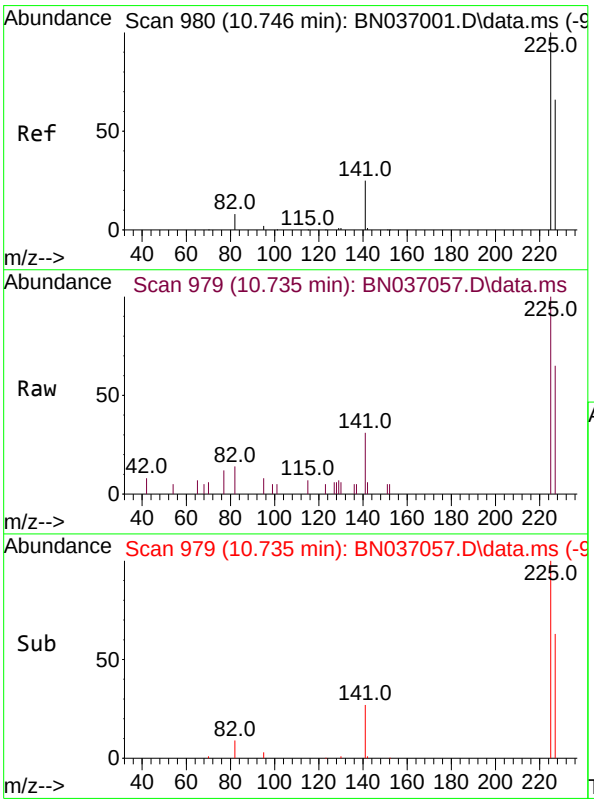
#9
Naphthalene
Concen: 0.377 ng
RT: 10.447 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 6981

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	14.5	12.4	18.6

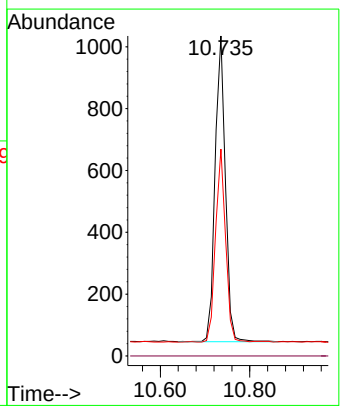


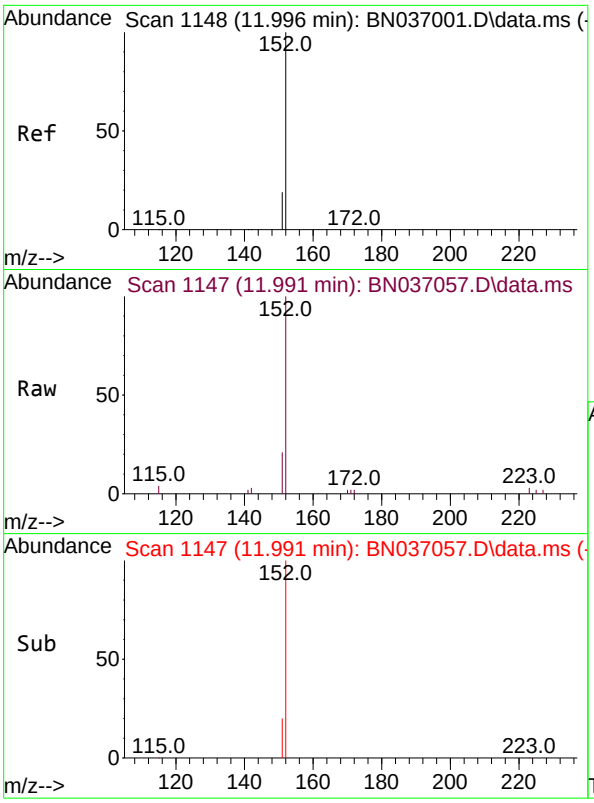


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.735 min Scan# 979
Delta R.T. -0.011 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:225 Resp: 1579

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.4	50.9	76.3



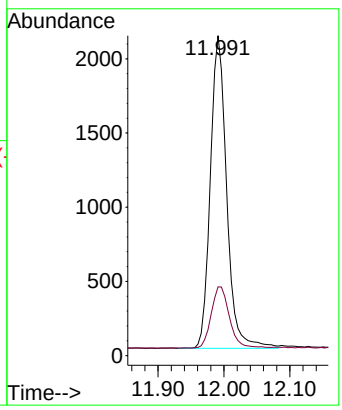


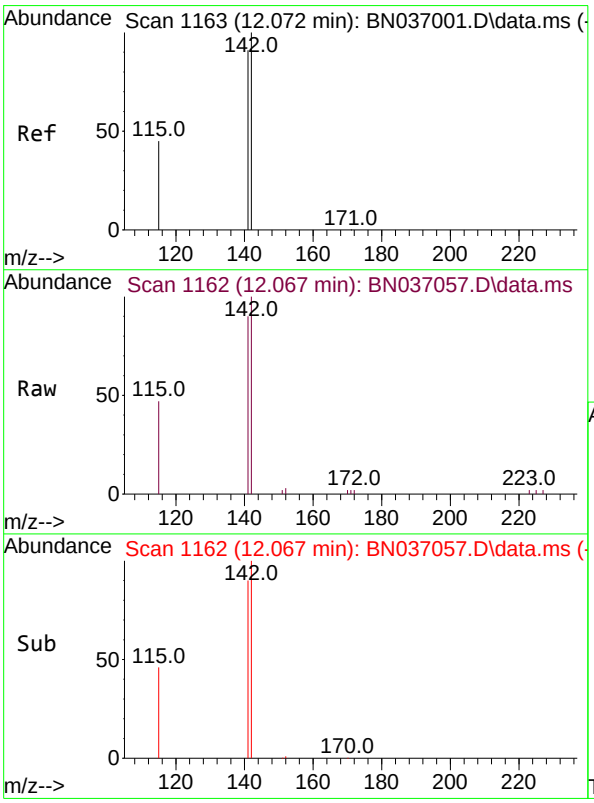
#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 11.991 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3621

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.5	26.3

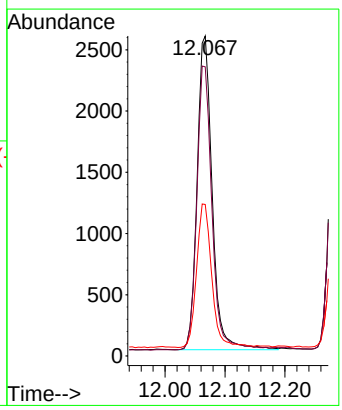


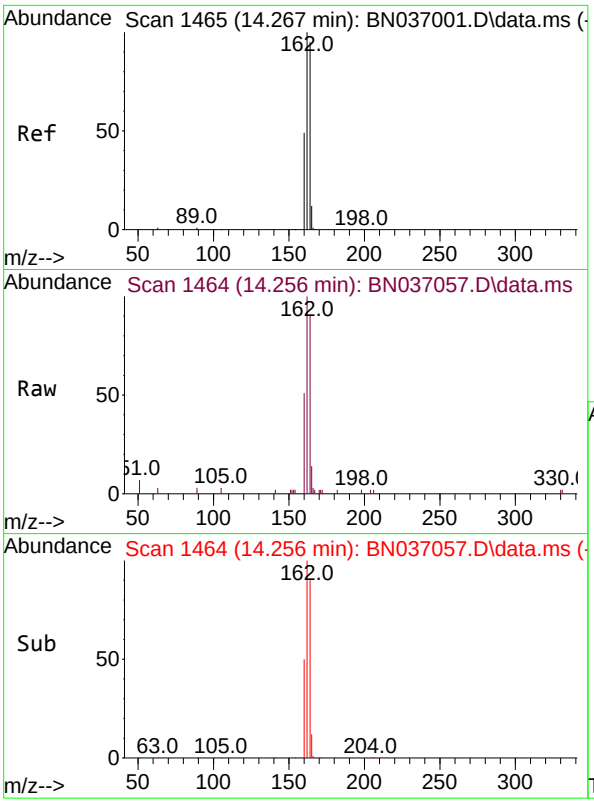


#12
2-Methylnaphthalene
Concen: 0.376 ng
RT: 12.067 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:142 Resp: 4484

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.3	109.9
115	47.4	38.4	57.6



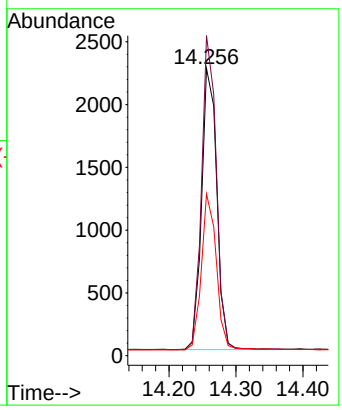


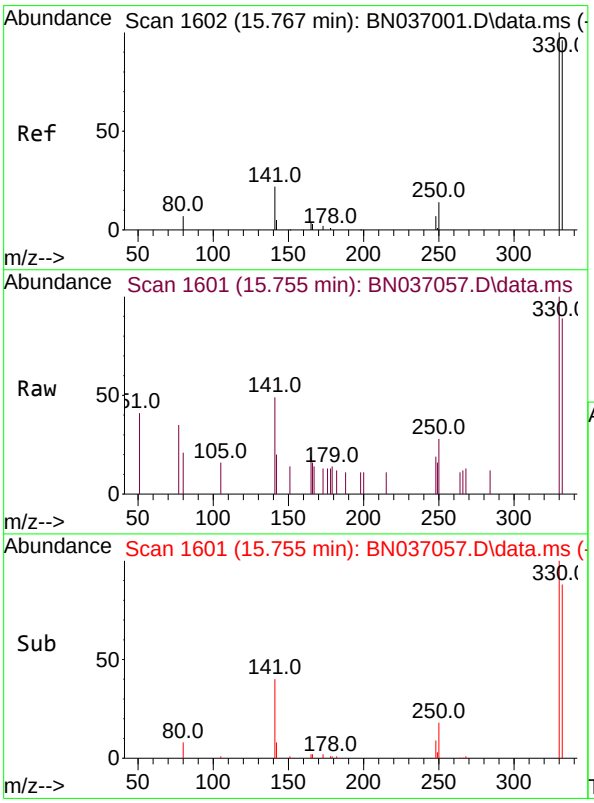
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3532

Ion	Ratio	Lower	Upper
164	100		
162	111.4	84.2	126.4
160	56.3	42.6	63.8

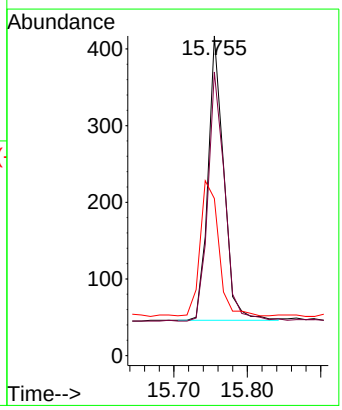


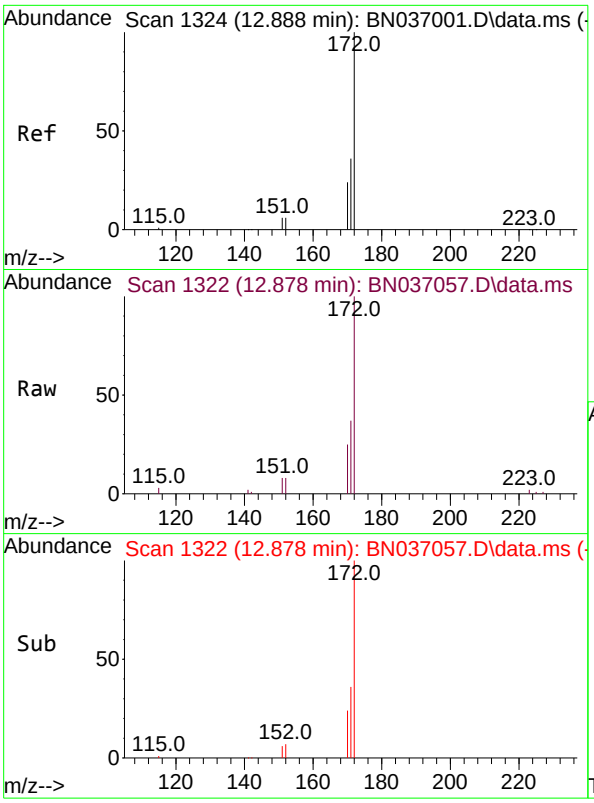


#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:330 Resp: 554

Ion	Ratio	Lower	Upper
330	100		
332	93.3	73.8	110.8
141	57.0	43.9	65.9



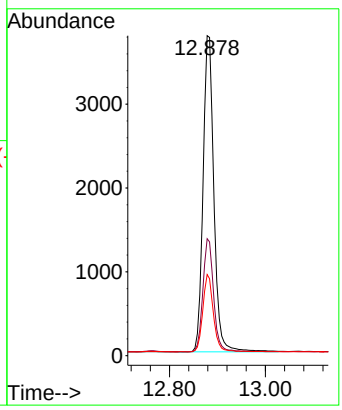


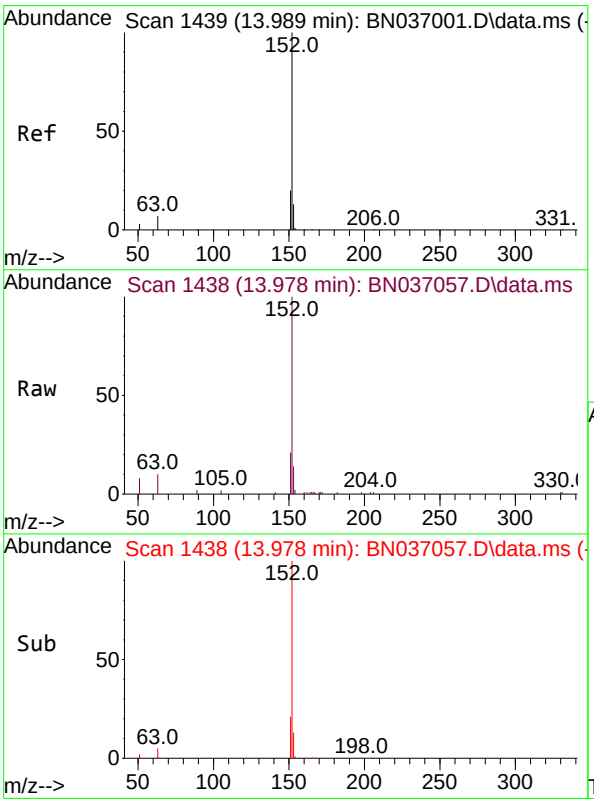
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.878 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6252

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	25.3	20.5	30.7

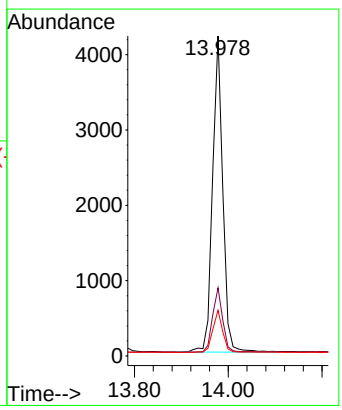


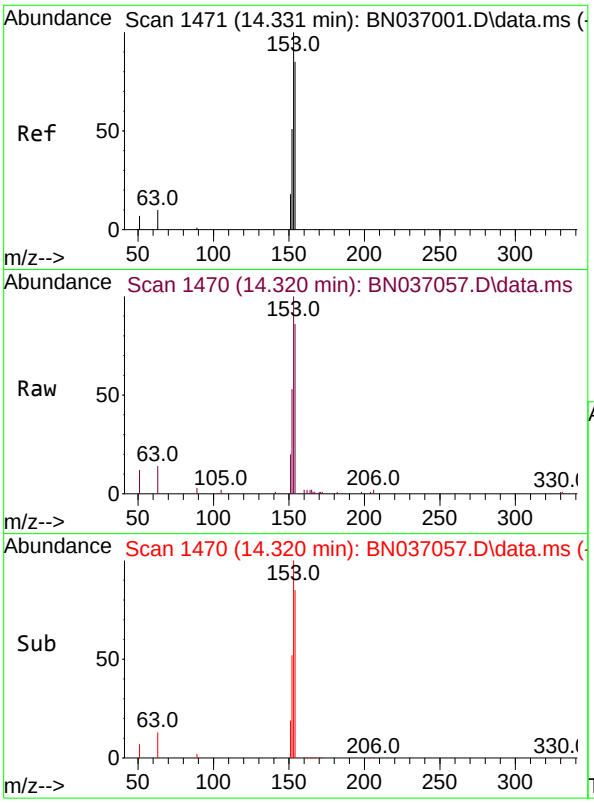


#16
Acenaphthylene
Concen: 0.372 ng
RT: 13.978 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:152 Resp: 6393

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



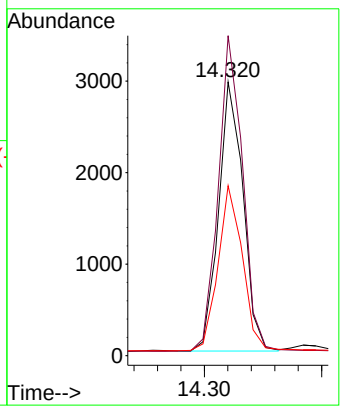


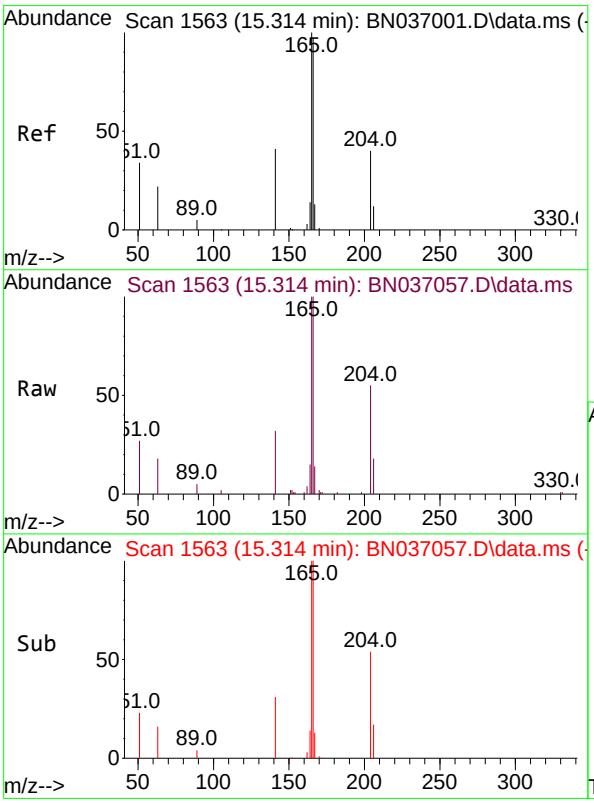
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.320 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4272

Ion	Ratio	Lower	Upper
154	100		
153	117.2	94.2	141.4
152	62.0	49.4	74.0

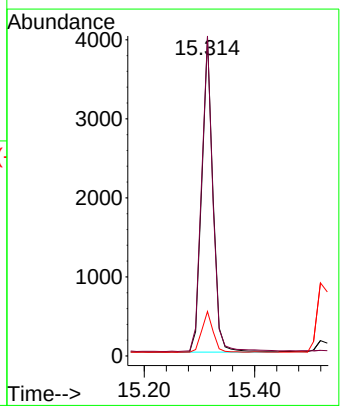


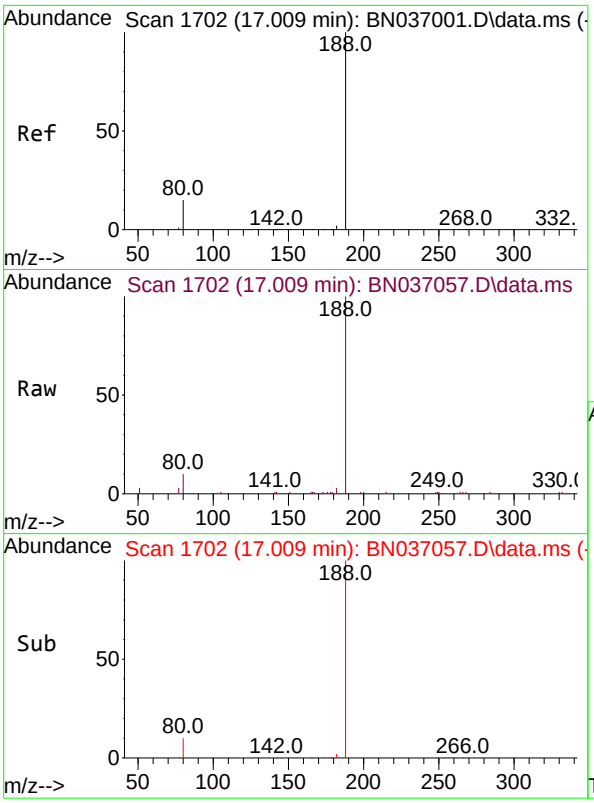


#18
Fluorene
Concen: 0.381 ng
RT: 15.314 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:166 Resp: 5611

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.6	120.8
167	13.3	10.6	16.0



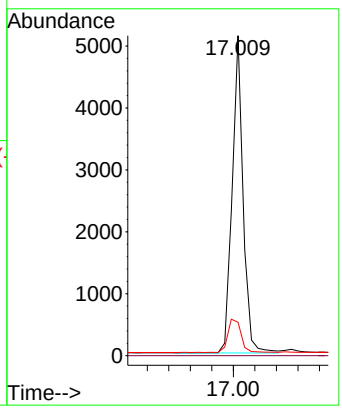


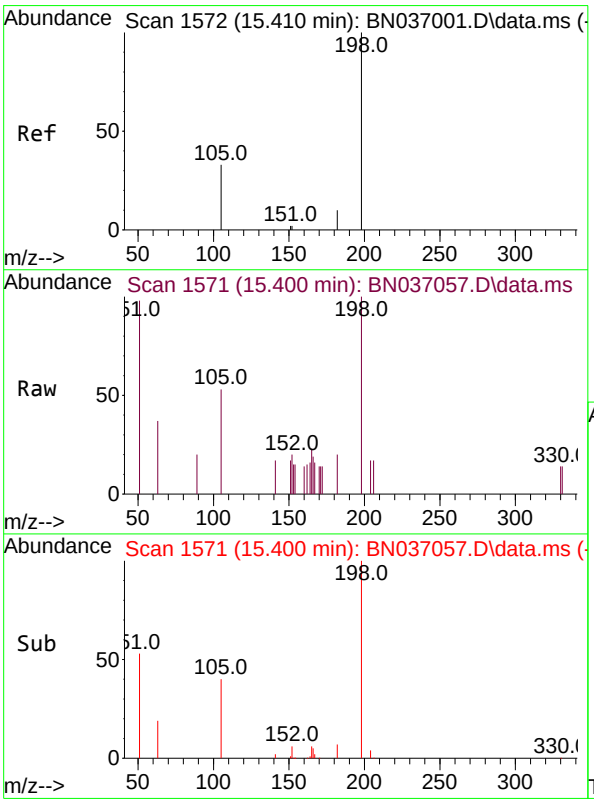
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7168

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	13.4	20.0#

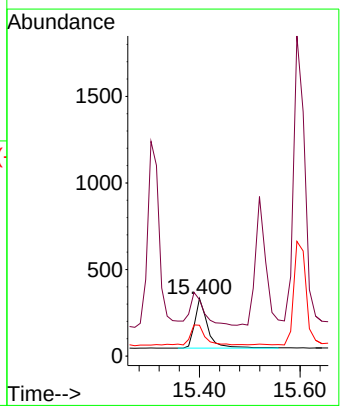


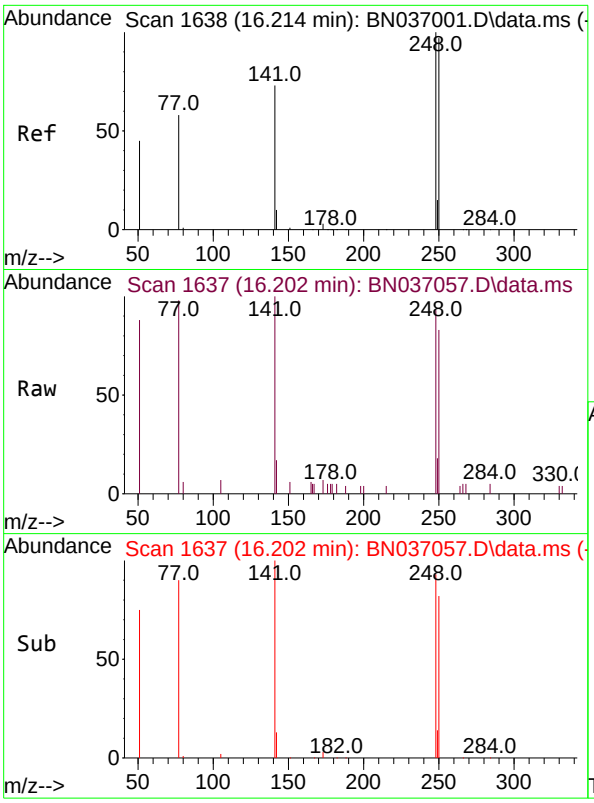


#20
4,6-Dinitro-2-methylphenol
Concen: 0.380 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.010 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:198 Resp: 523

Ion	Ratio	Lower	Upper
198	100		
51	97.9	87.8	131.6
105	53.5	44.2	66.4



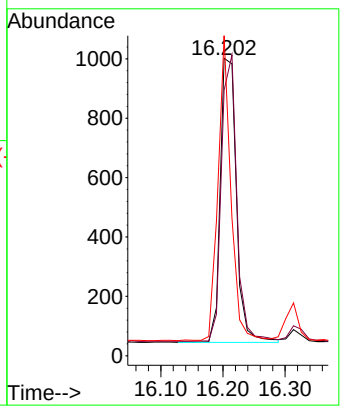


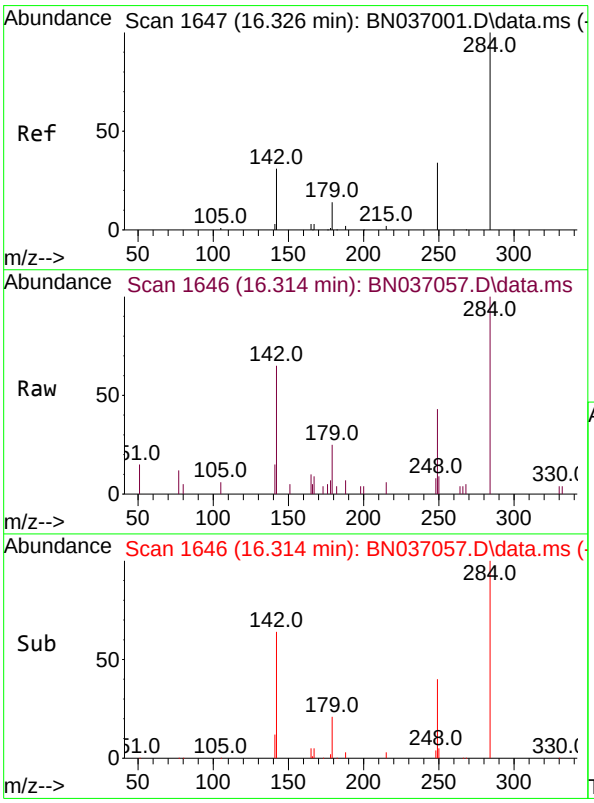
#21
4-Bromophenyl-phenylether
Concen: 0.378 ng
RT: 16.202 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1713

Ion	Ratio	Lower	Upper
248	100		
250	89.3	78.1	117.1
141	107.6	59.7	89.5#

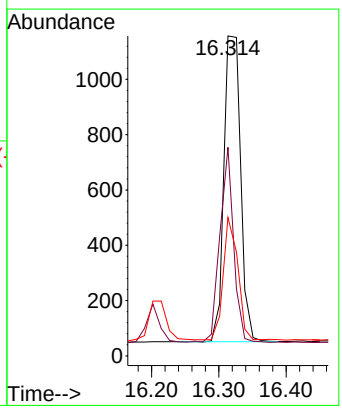


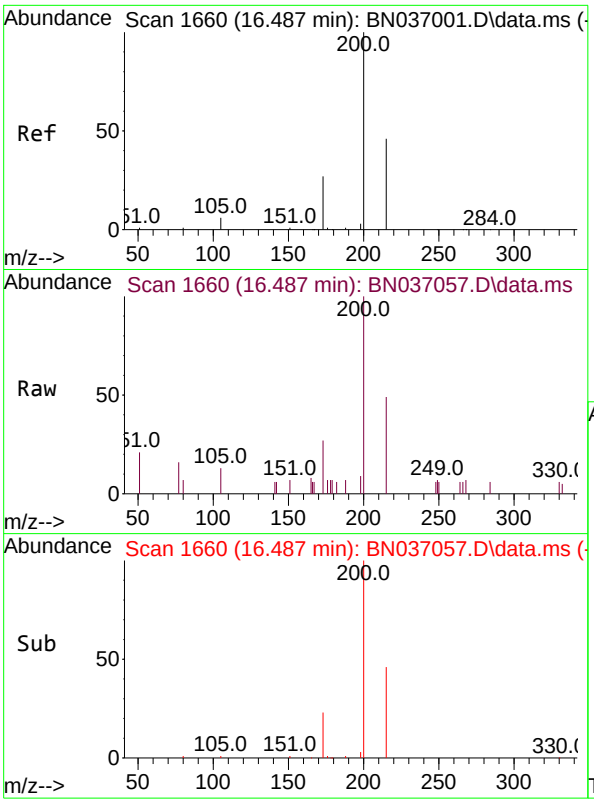


#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.314 min Scan# 1646
Delta R.T. -0.012 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:284 Resp: 1906

Ion	Ratio	Lower	Upper
284	100		
142	52.2	41.2	61.8
249	35.6	28.7	43.1



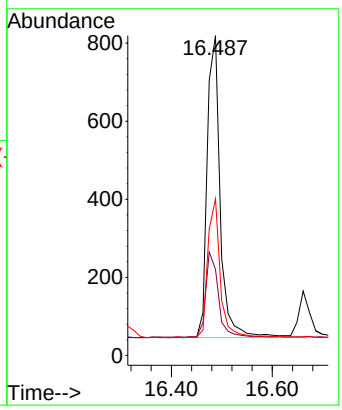


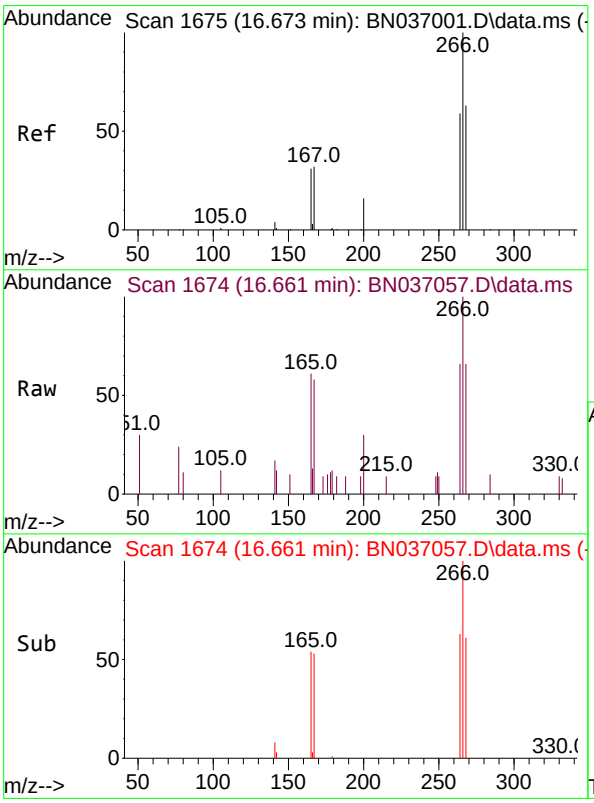
#23
Atrazine
Concen: 0.351 ng
RT: 16.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1384

Ion	Ratio	Lower	Upper
200	100		
173	27.0	25.2	37.8
215	49.0	39.3	58.9

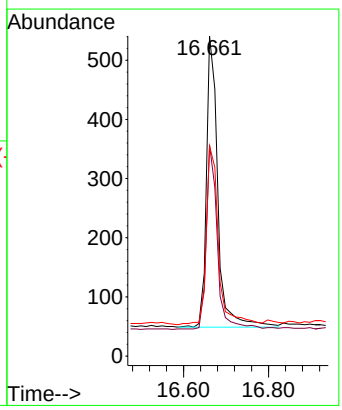


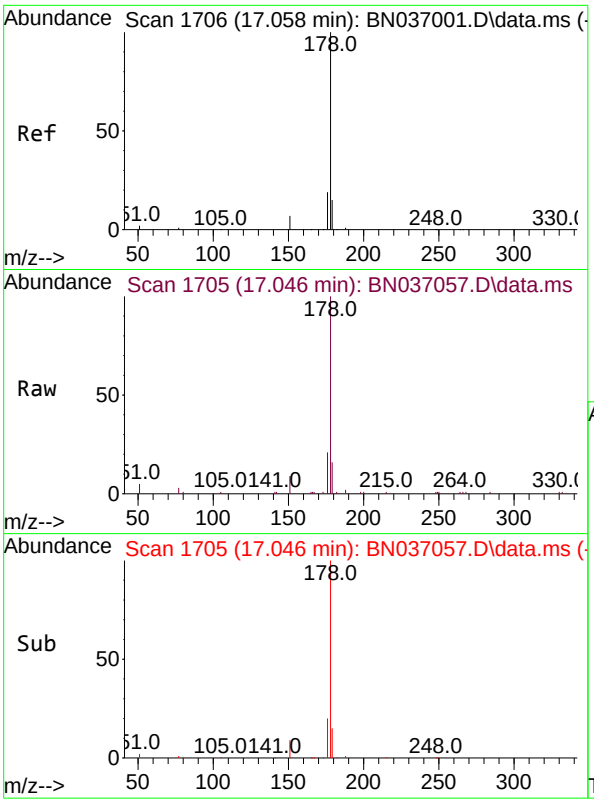


#24
Pentachlorophenol
Concen: 0.341 ng
RT: 16.661 min Scan# 1674
Delta R.T. -0.012 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:266 Resp: 912

Ion	Ratio	Lower	Upper
266	100		
264	62.2	47.9	71.9
268	64.9	50.0	75.0



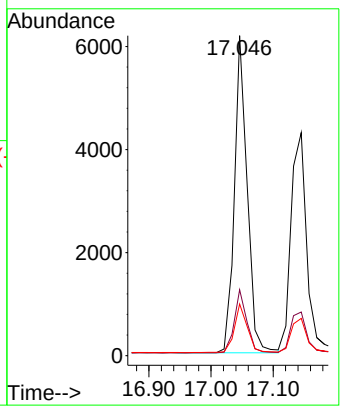


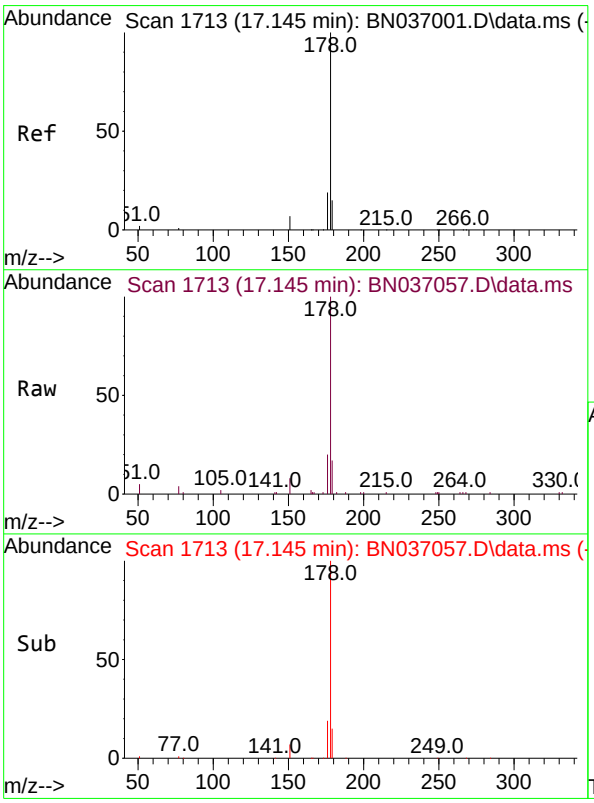
#25
Phenanthrene
Concen: 0.376 ng
RT: 17.046 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 8808

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.8	12.2	18.2

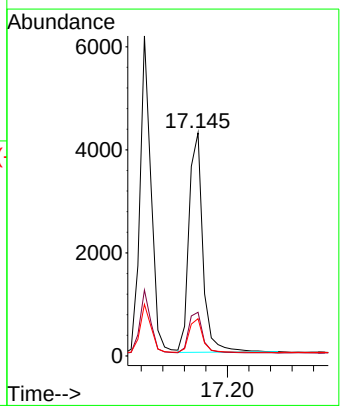


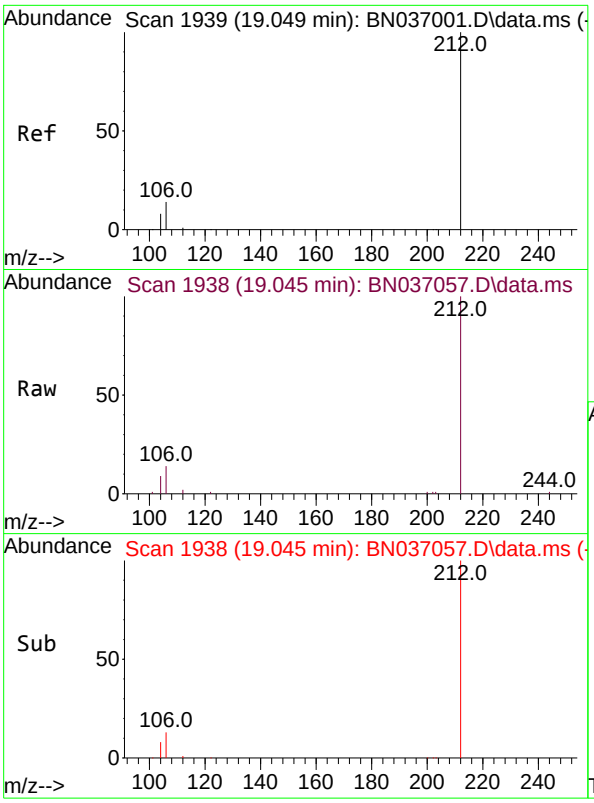


#26
Anthracene
Concen: 0.357 ng
RT: 17.145 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:178 Resp: 7601

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.3	18.5



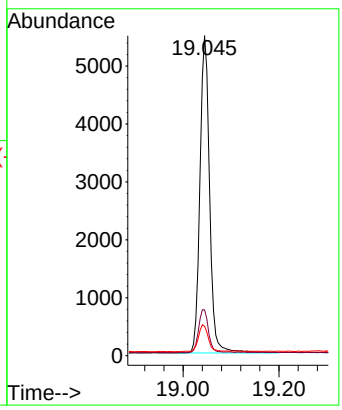


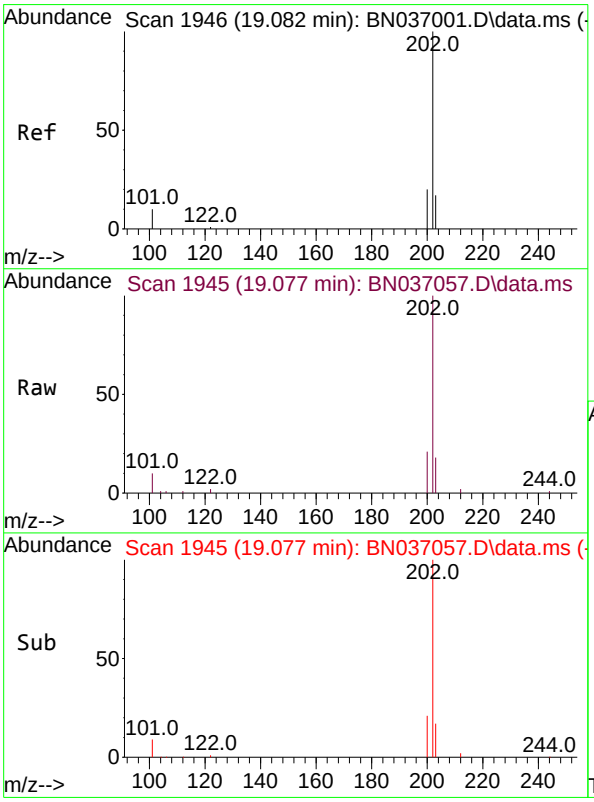
#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.045 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 7660

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.3	16.9
104	8.9	6.7	10.1

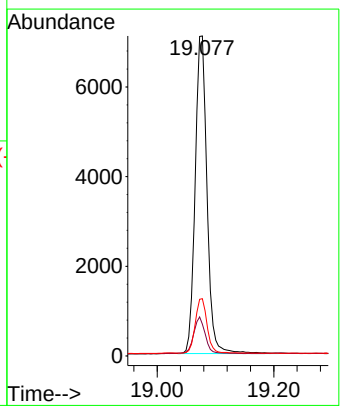


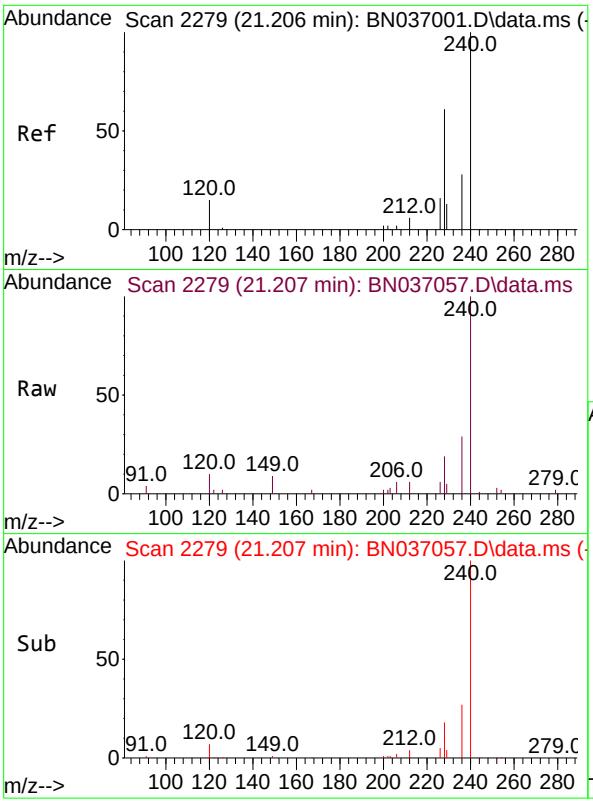


#28
Fluoranthene
Concen: 0.357 ng
RT: 19.077 min Scan# 1945
Delta R.T. -0.004 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:202 Resp: 9997

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
203	17.2	13.8	20.8



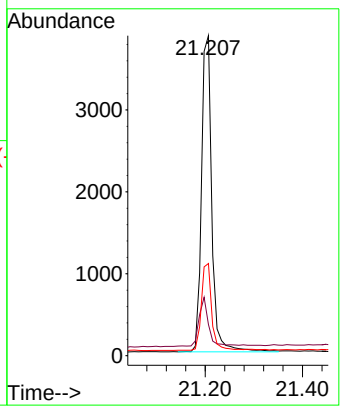


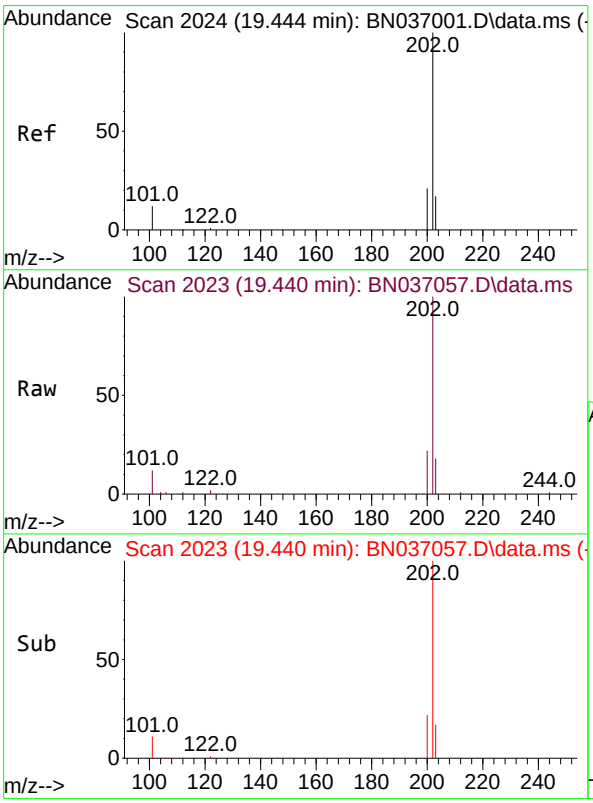
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 5669

Ion	Ratio	Lower	Upper
240	100		
120	9.8	15.1	22.7#
236	28.8	24.0	36.0

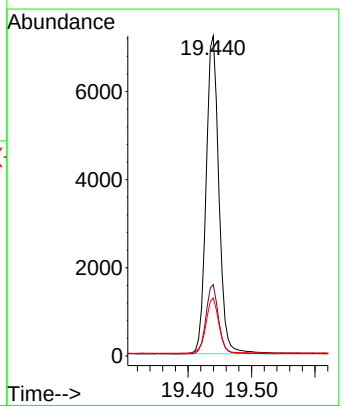


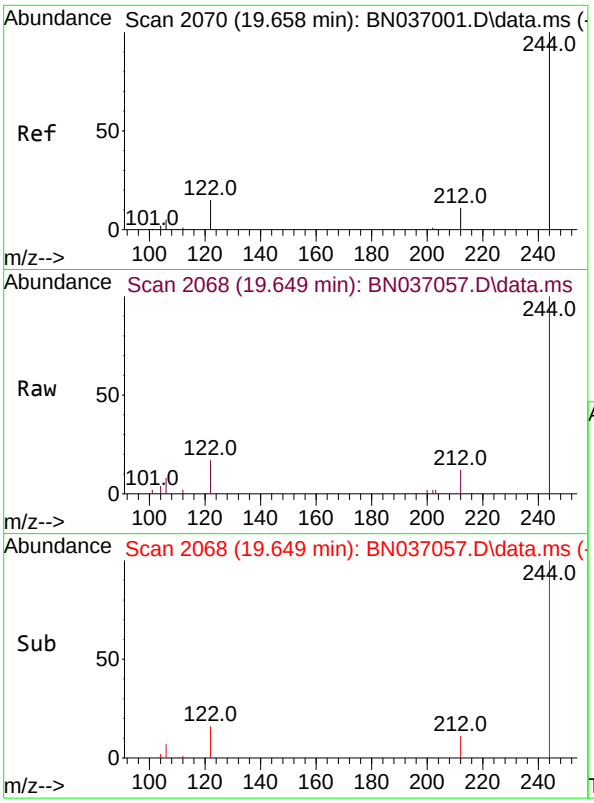


#30
Pyrene
Concen: 0.416 ng
RT: 19.440 min Scan# 2023
Delta R.T. -0.004 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:202 Resp: 10087

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	18.0	14.2	21.4



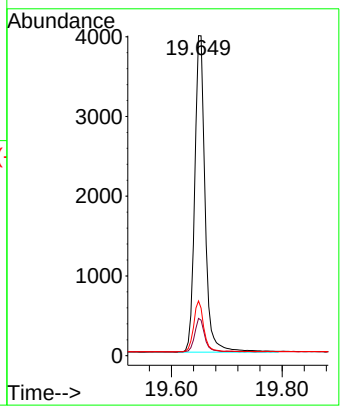


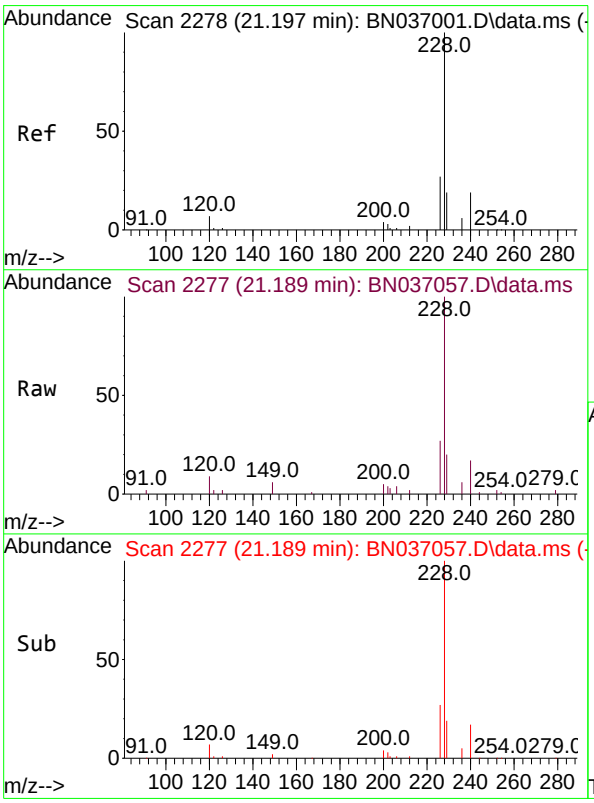
#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.649 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 5174

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.7	14.5
122	17.1	13.4	20.0

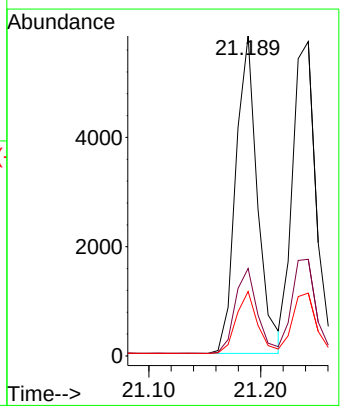


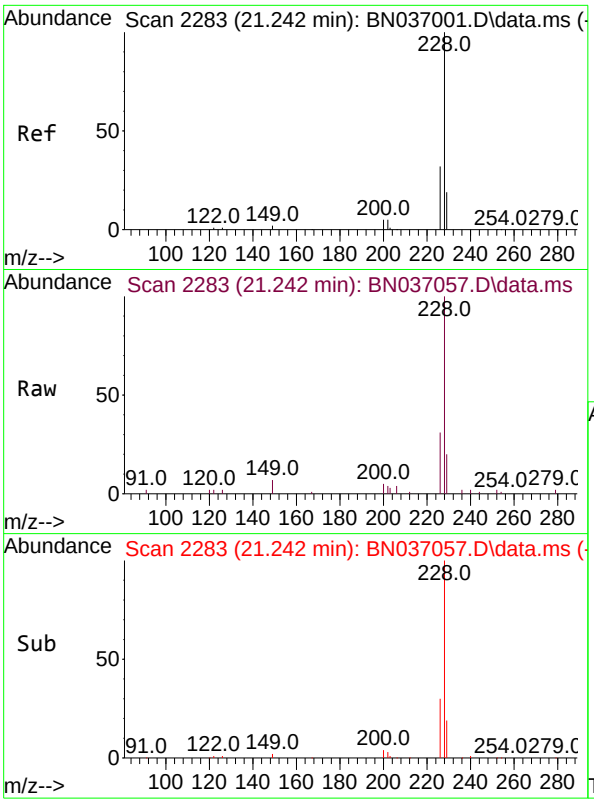


#32
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.009 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:228 Resp: 7848

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.4
229	20.1	16.0	24.0



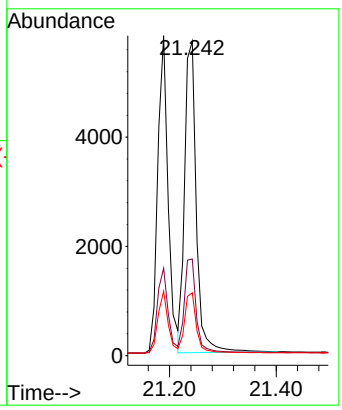


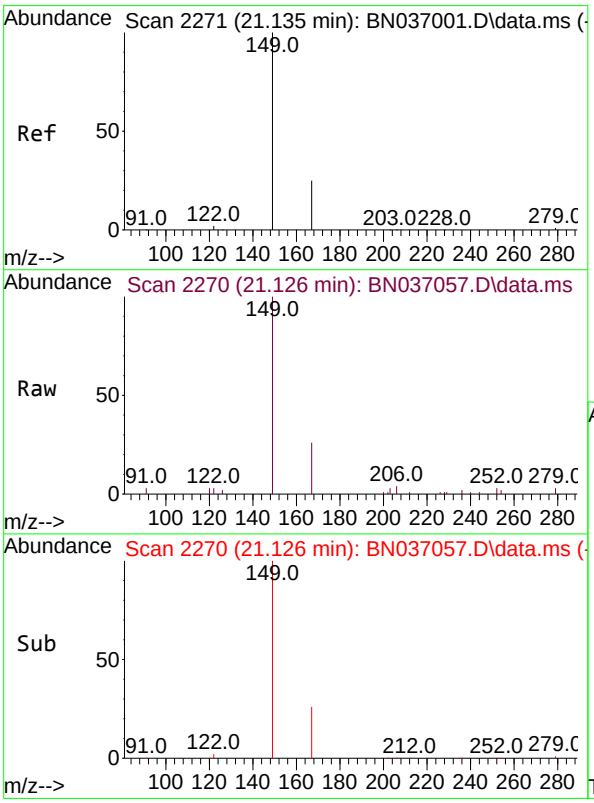
#33
Chrysene
Concen: 0.385 ng
RT: 21.242 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8682

Ion	Ratio	Lower	Upper
228	100		
226	30.7	26.3	39.5
229	20.0	16.2	24.2

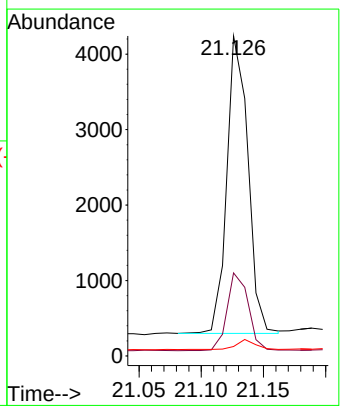


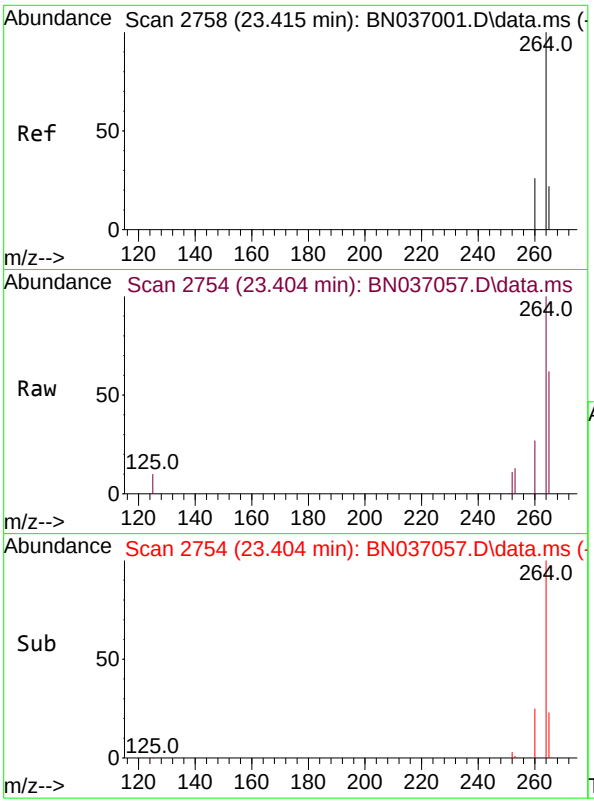


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.354 ng
RT: 21.126 min Scan# 2270
Delta R.T. -0.009 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:149 Resp: 4647

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.6	30.8
279	3.0	2.6	3.8



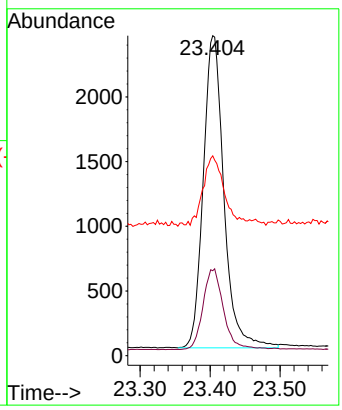


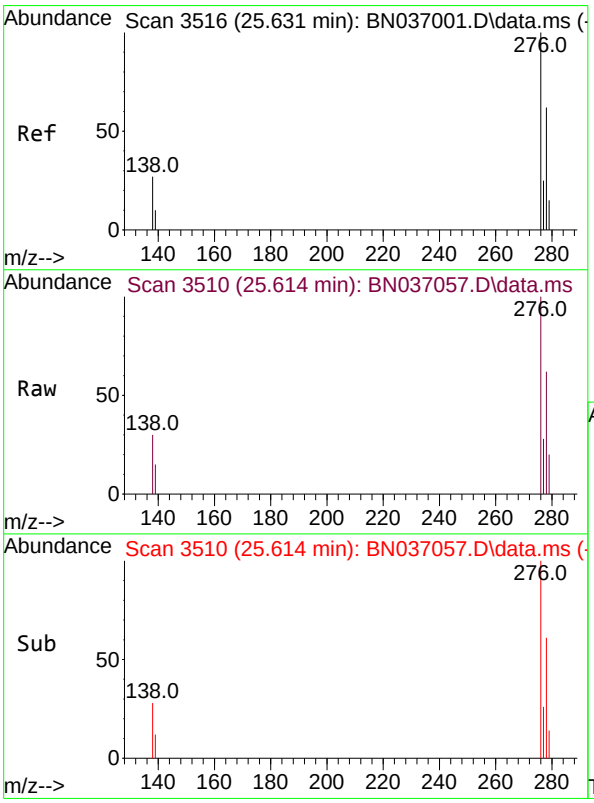
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.404 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4936

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.9	32.9
265	62.5	51.6	77.4

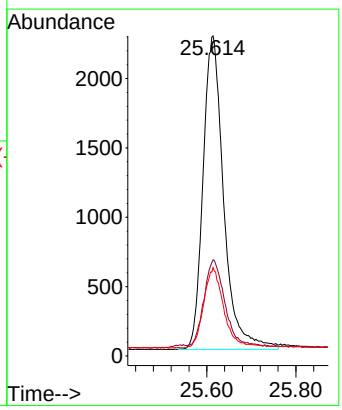


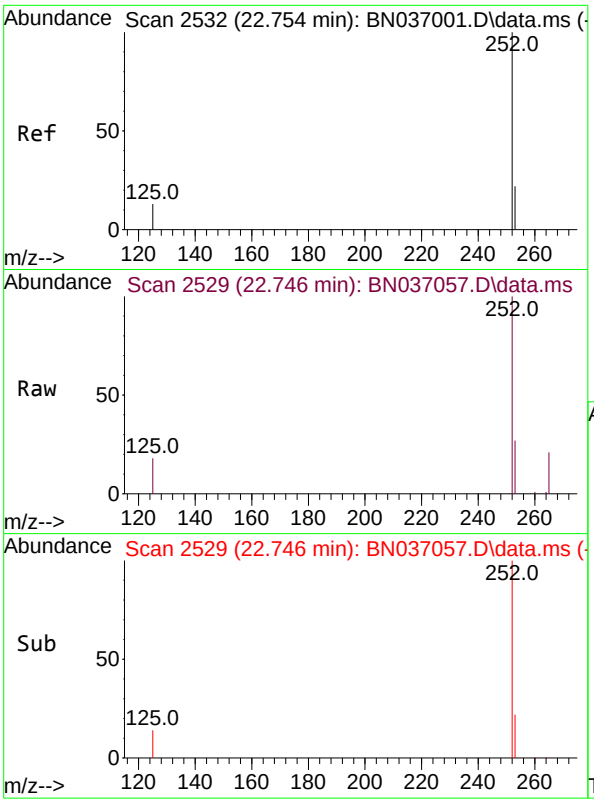


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 25.614 min Scan# 3510
Delta R.T. -0.017 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:276 Resp: 7290

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.7	34.1
277	25.0	20.0	30.0



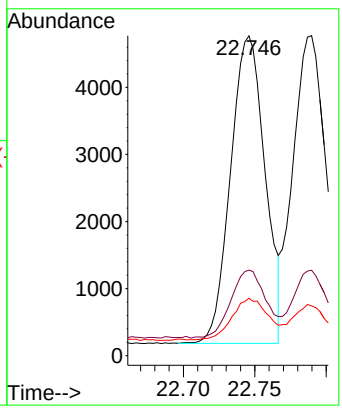


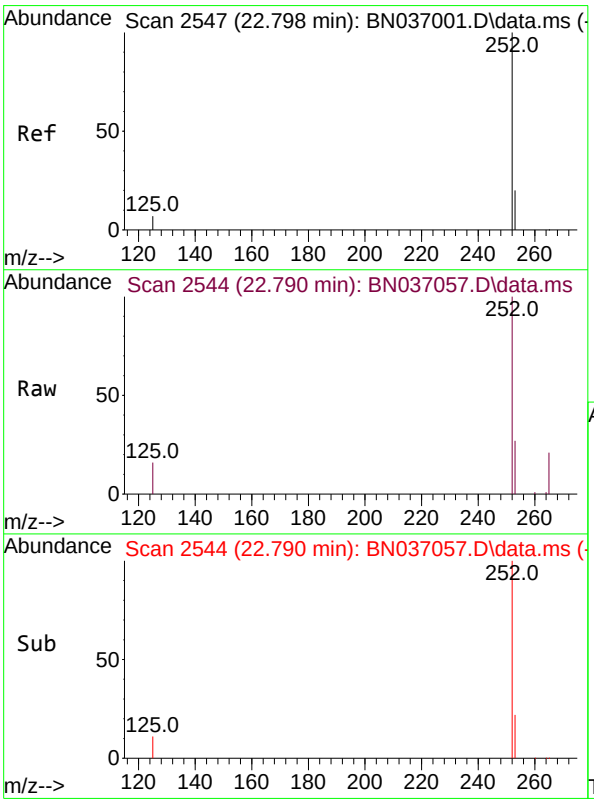
#37
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.746 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7686

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.8	32.6
125	18.0	14.6	21.8

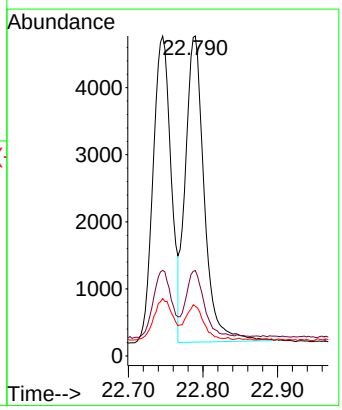


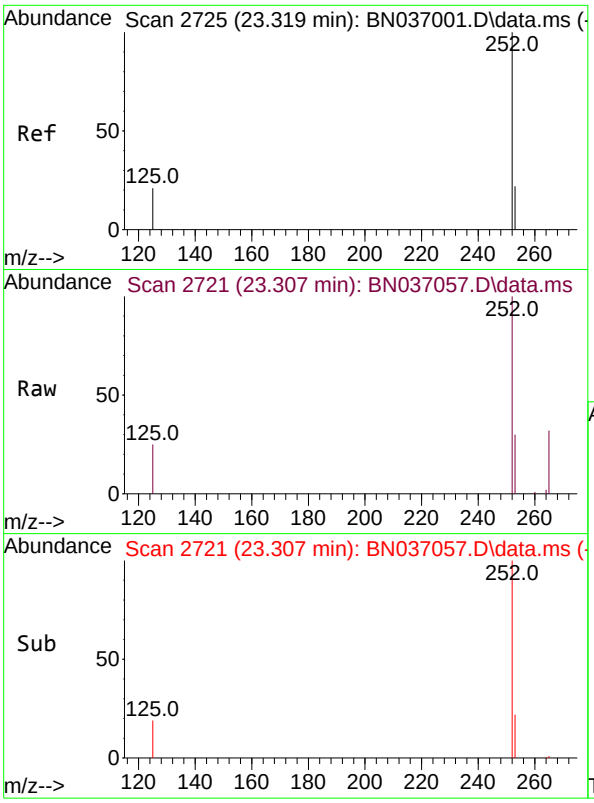


#38
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 22.790 min Scan# 2544
Delta R.T. -0.009 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:252 Resp: 7992

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.4	32.2
125	15.6	13.0	19.4



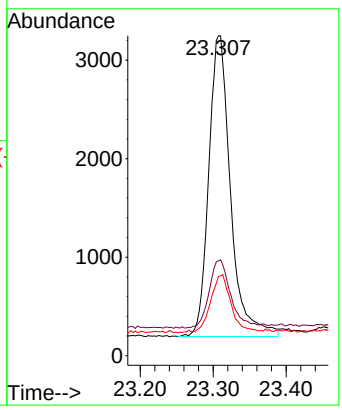


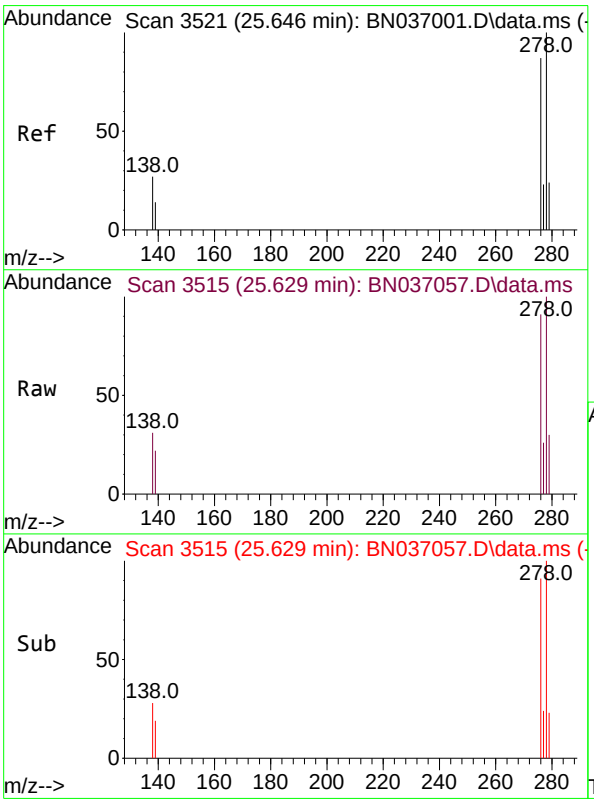
#39
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.307 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6336

Ion	Ratio	Lower	Upper
252	100		
253	29.6	23.8	35.6
125	24.8	21.8	32.6

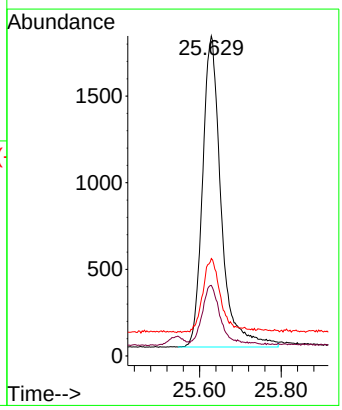


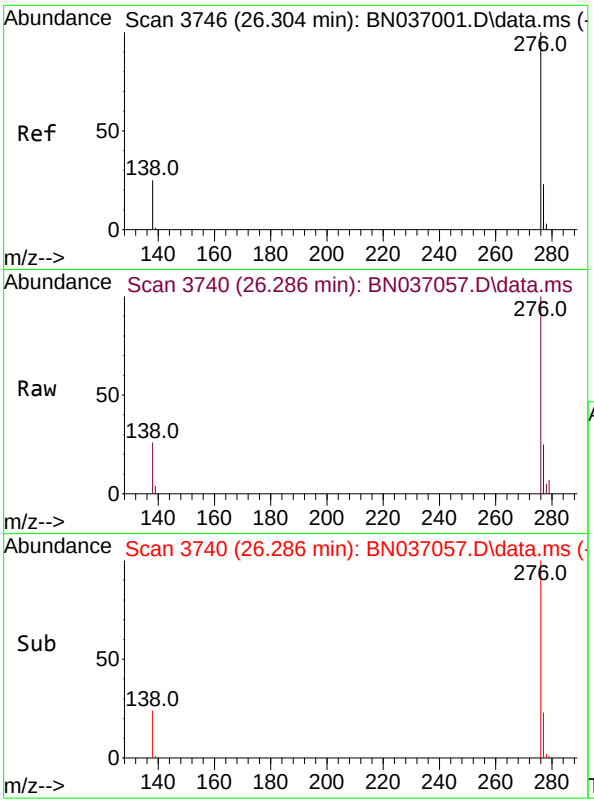


#40
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 25.629 min Scan# 3515
Delta R.T. -0.017 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Tgt Ion:278 Resp: 5682

Ion	Ratio	Lower	Upper
278	100		
139	22.1	17.4	26.0
279	30.5	24.6	37.0





#41
Benzo(g,h,i)perylene
Concen: 0.369 ng
RT: 26.286 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN037057.D
Acq: 19 May 2025 22:53

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6297

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.4
138	26.3	22.0	33.0