Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
Data File : BN037074.D
Acq On : 20 May 2025 15:09
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 21 01:37:13 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	2240	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	6230	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	3461	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	6762	0.400	ng	#	0.00
29) Chrysene-d12	21.207	240	4645	0.400	ng	#	0.00
35) Perylene-d12	23.407	264	3820	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2159	0.368	ng		0.00
5) Phenol-d6	6.788	99	2684	0.366	ng		0.00
8) Nitrobenzene-d5	8.760	82	2503	0.369	ng		-0.01
11) 2-Methylnaphthalene-d10	11.991	152	3567	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	530	0.349	ng		-0.01
15) 2-Fluorobiphenyl	12.878	172	6223	0.393	ng		0.00
27) Fluoranthene-d10	19.045	212	6828	0.368	ng		0.00
31) Terphenyl-d14	19.649	244	4368	0.440	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	1094	0.398	ng		95
3) n-Nitrosodimethylamine	3.451	42	2265	0.384	ng	#	95
6) bis(2-Chloroethyl)ether	7.041	93	2668	0.395	ng		98
9) Naphthalene	10.436	128	6861	0.373	ng		98
10) Hexachlorobutadiene	10.735	225	1499	0.388	ng	#	100
12) 2-Methylnaphthalene	12.062	142	4468	0.377	ng		99
16) Acenaphthylene	13.978	152	6352	0.377	ng		99
17) Acenaphthene	14.320	154	4188	0.380	ng		99
18) Fluorene	15.314	166	5511	0.382	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	447	0.347	ng		92
21) 4-Bromophenyl-phenylether	16.202	248	1675	0.392	ng	#	87
22) Hexachlorobenzene	16.314	284	1839	0.402	ng		98
23) Atrazine	16.475	200	1307	0.351	ng		95
24) Pentachlorophenol	16.661	266	889	0.353	ng		97
25) Phenanthrene	17.046	178	8237	0.373	ng		100
26) Anthracene	17.133	178	7244	0.360	ng		100
28) Fluoranthene	19.073	202	8992	0.341	ng		99
30) Pyrene	19.435	202	8904	0.448	ng		100
32) Benzo(a)anthracene	21.189	228	6527	0.373	ng		100
33) Chrysene	21.242	228	7006	0.379	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	3857	0.358	ng		98
36) Indeno(1,2,3-cd)pyrene	25.614	276	5928	0.380	ng		99
37) Benzo(b)fluoranthene	22.749	252	6059	0.382	ng		99
38) Benzo(k)fluoranthene	22.793	252	6318	0.404	ng		99
39) Benzo(a)pyrene	23.310	252	5011	0.373	ng	#	95
40) Dibenzo(a,h)anthracene	25.629	278	4518	0.372	ng		100
41) Benzo(g,h,i)perylene	26.289	276	5160	0.391	ng		98

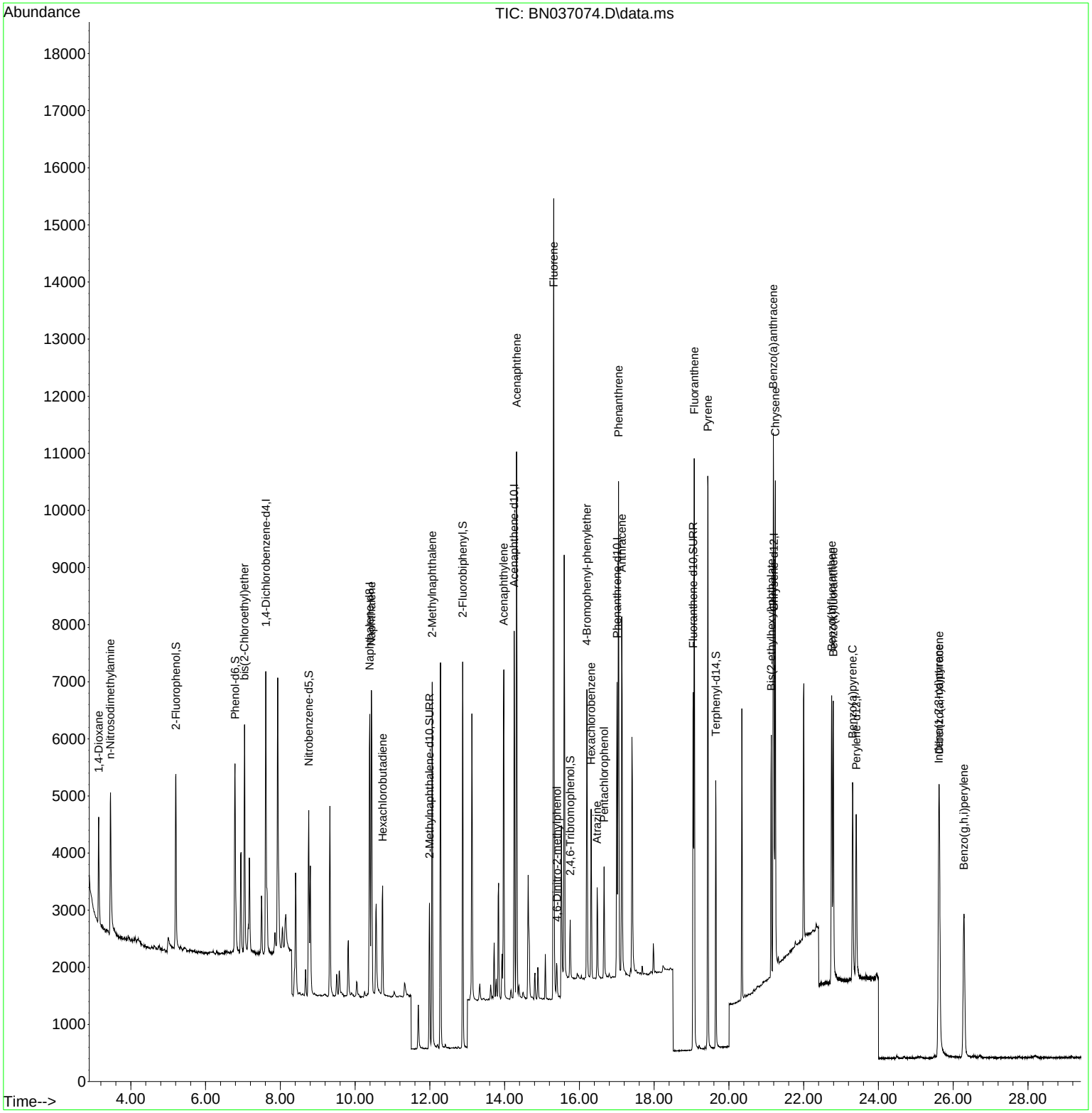
(#) = qualifier out of range (m) = manual integration (+) = signals summed

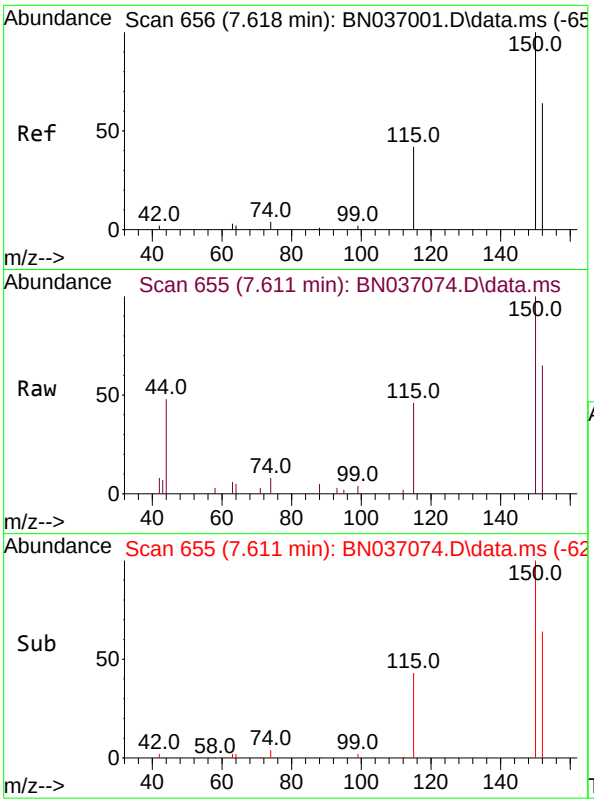
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
Data File : BN037074.D
Acq On : 20 May 2025 15:09
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 21 01:37:13 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



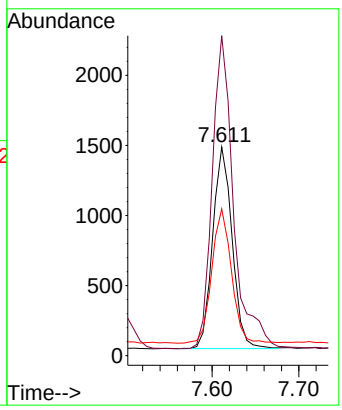


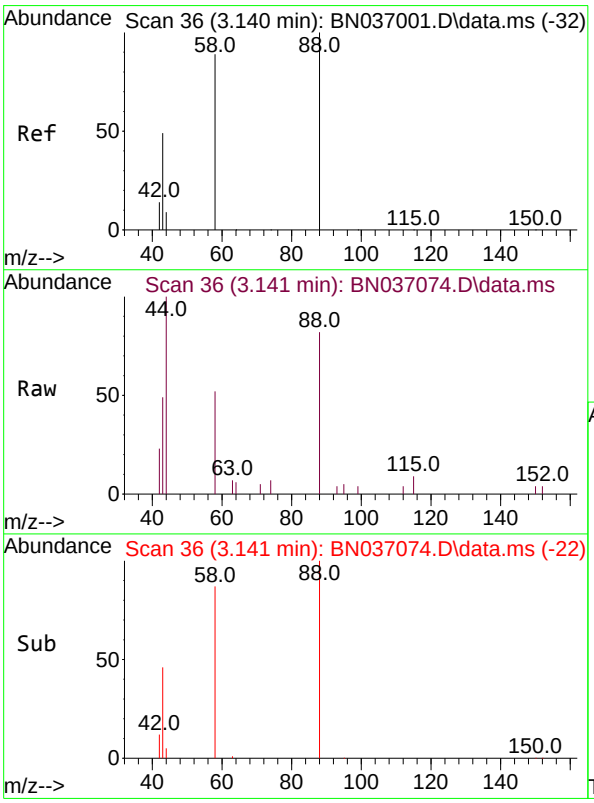
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2240

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.9	185.9
115	70.3	55.8	83.8

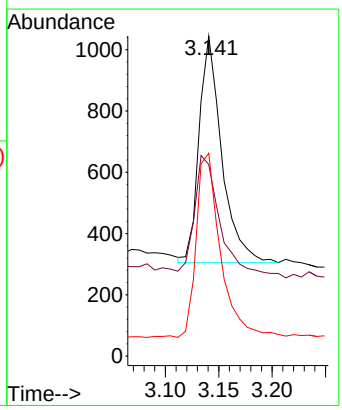


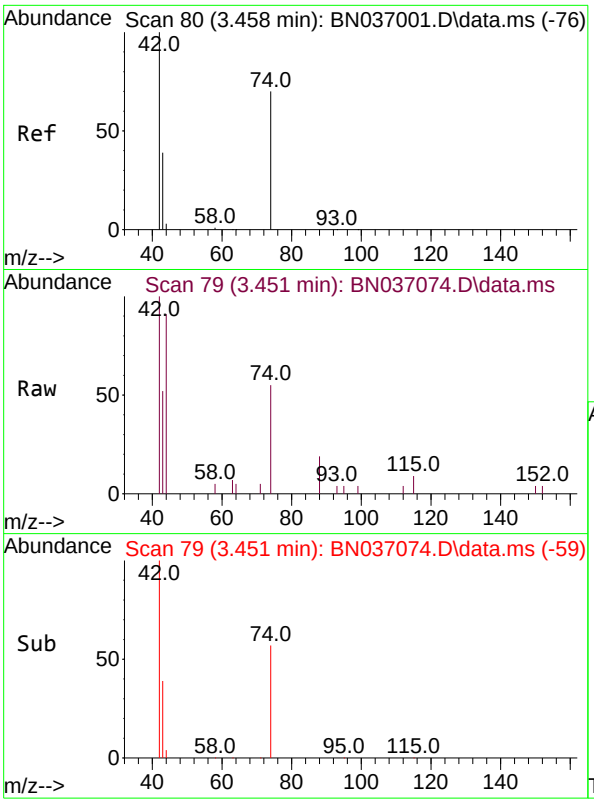


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.141 min Scan# 36
Delta R.T. 0.001 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion: 88 Resp: 1094

Ion	Ratio	Lower	Upper
88	100		
43	55.1	37.4	56.0
58	87.4	68.8	103.2



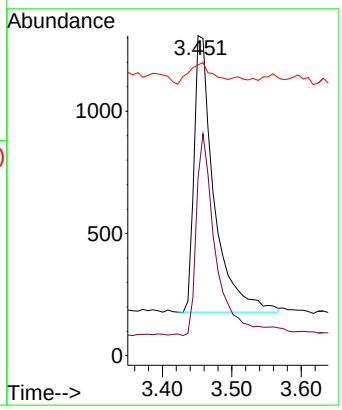


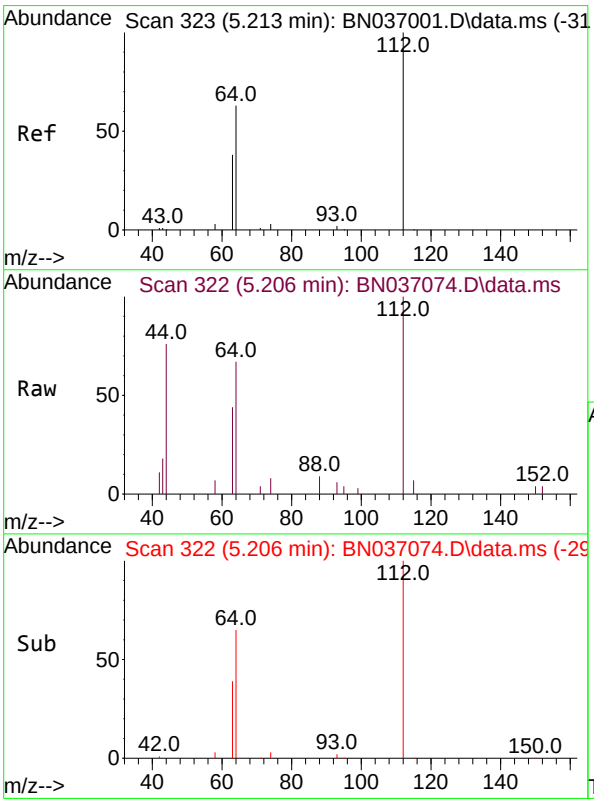
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.451 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2265

Ion	Ratio	Lower	Upper
42	100		
74	71.8	59.8	89.6
44	9.0	11.9	17.9#

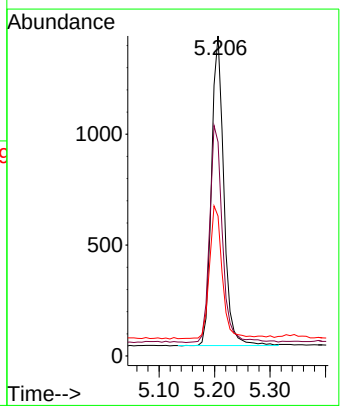


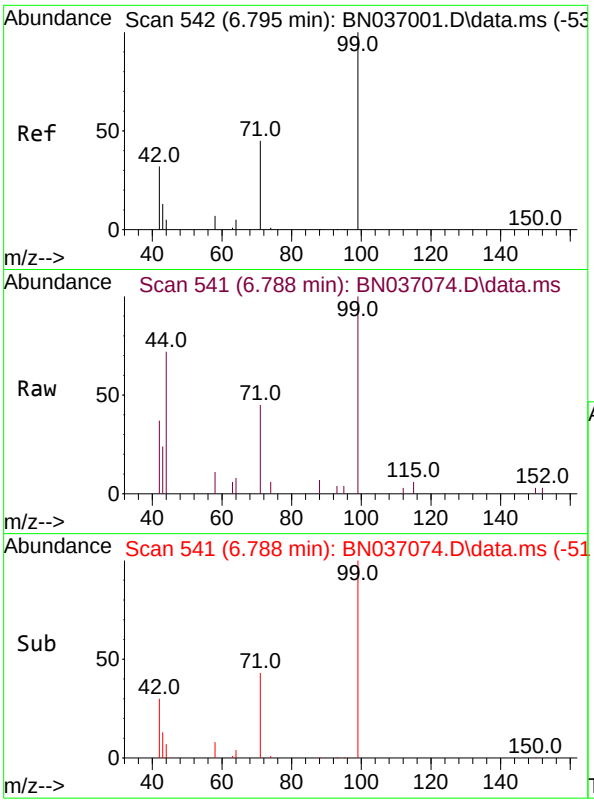


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:112 Resp: 2159

Ion	Ratio	Lower	Upper
112	100		
64	72.9	55.7	83.5
63	43.9	34.6	51.8



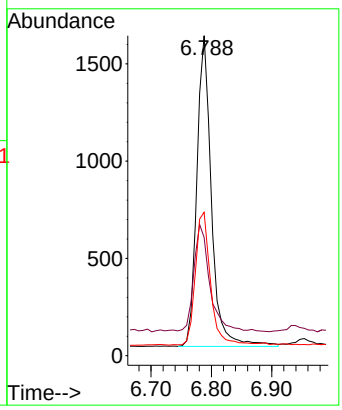


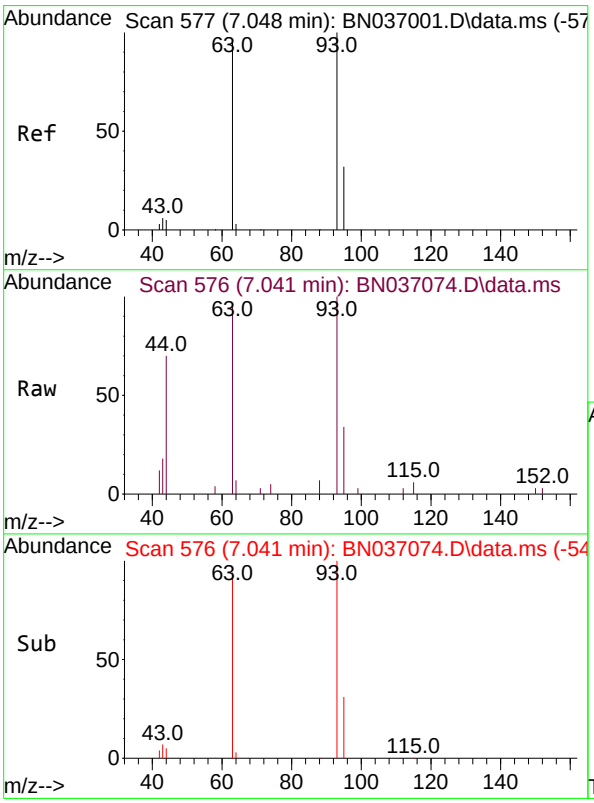
#5
Phenol-d6
Concen: 0.366 ng
RT: 6.788 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2684

Ion	Ratio	Lower	Upper
99	100		
42	37.7	29.3	43.9
71	44.2	35.7	53.5

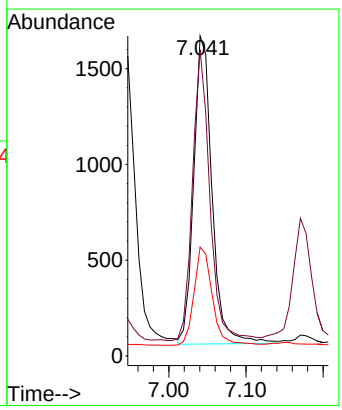


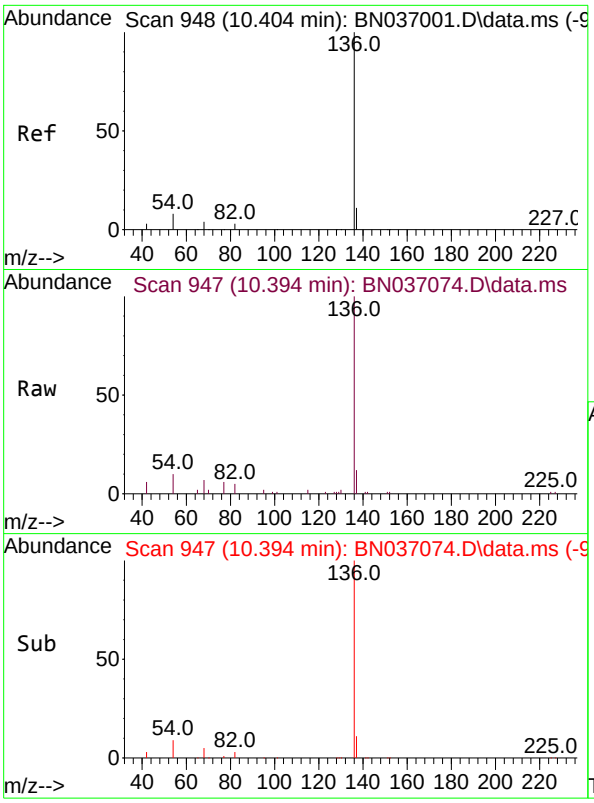


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.041 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion: 93 Resp: 2668

Ion	Ratio	Lower	Upper
93	100		
63	89.2	70.1	105.1
95	31.7	26.2	39.2



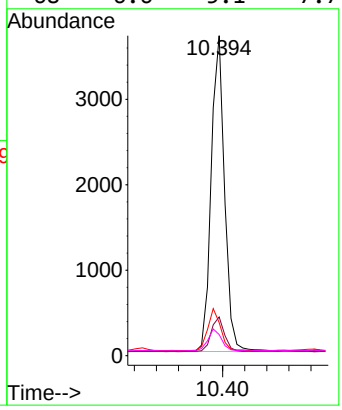


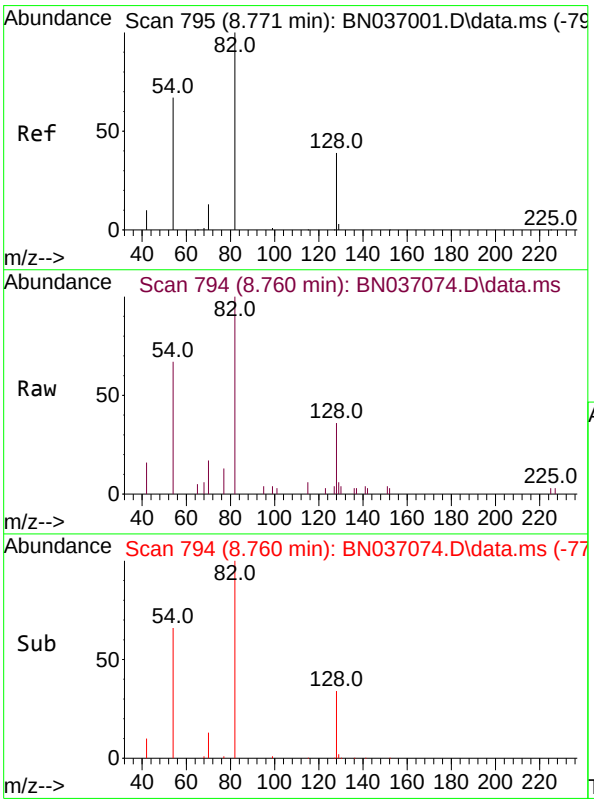
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 6230

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.4	15.6
54	10.4	8.5	12.7
68	6.6	5.1	7.7

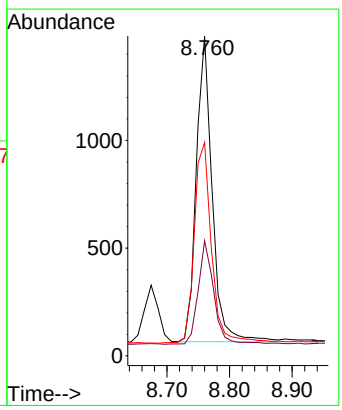


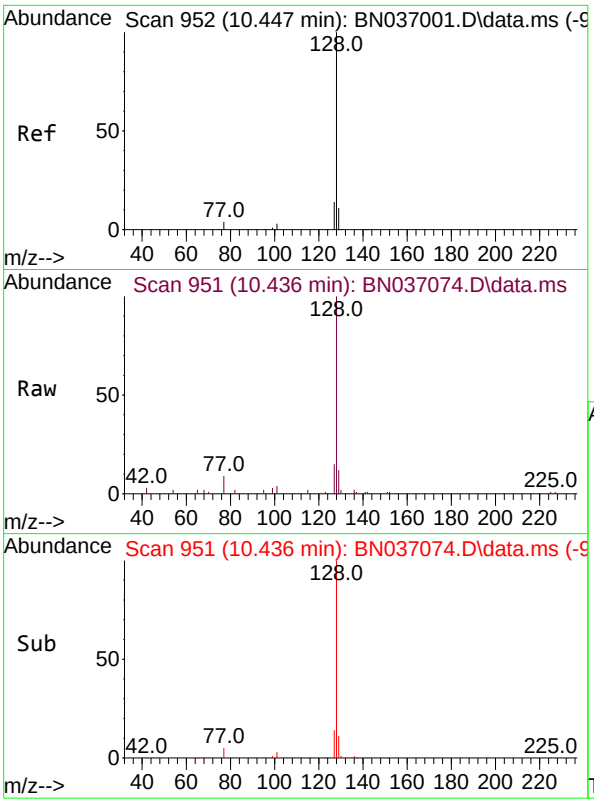


#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.010 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion: 82 Resp: 2503

Ion	Ratio	Lower	Upper
82	100		
128	36.0	34.0	51.0
54	66.7	55.0	82.4



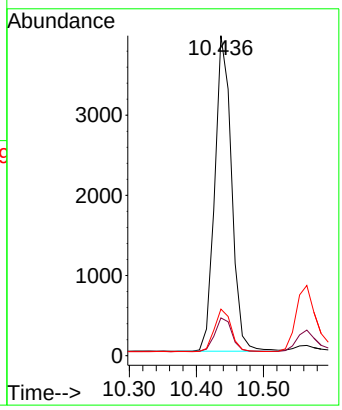


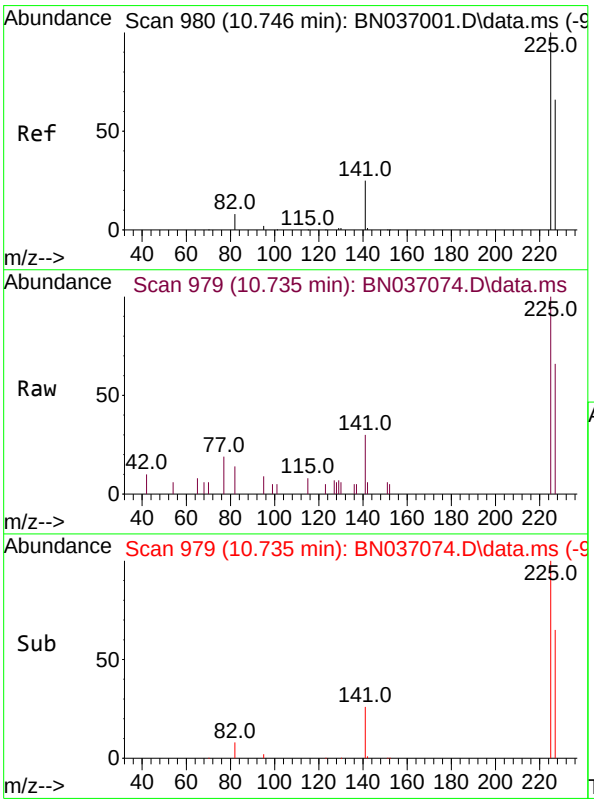
#9
Naphthalene
Concen: 0.373 ng
RT: 10.436 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6861

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	14.6	12.4	18.6

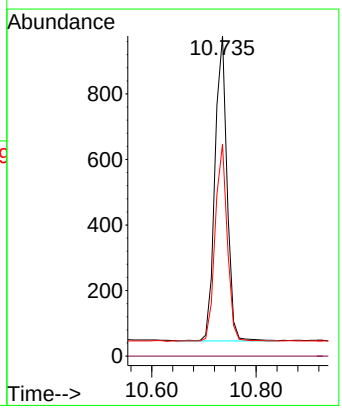


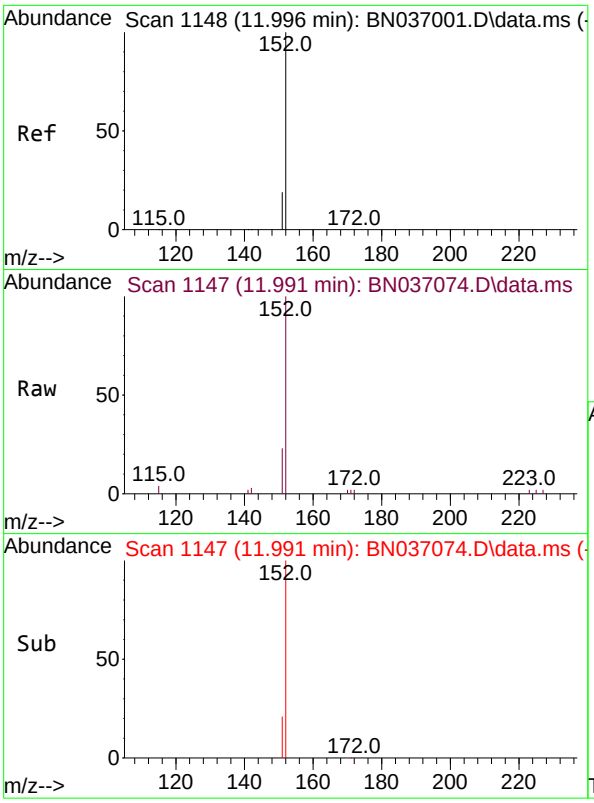


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.735 min Scan# 979
Delta R.T. -0.011 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:225 Resp: 1499

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.9	76.3



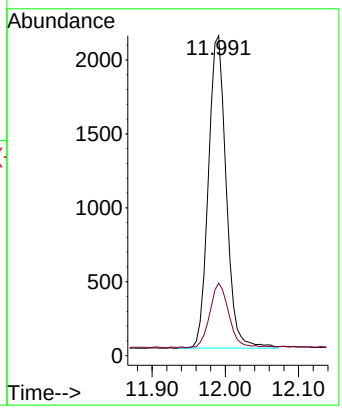


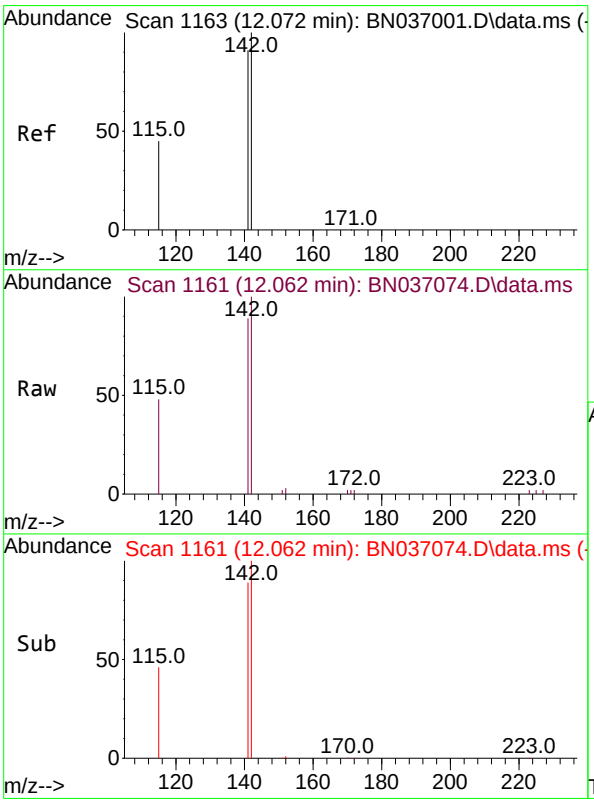
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 11.991 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3567

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.5	26.3

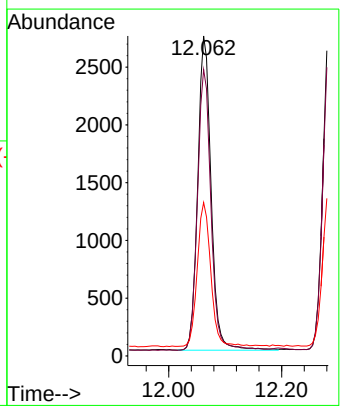


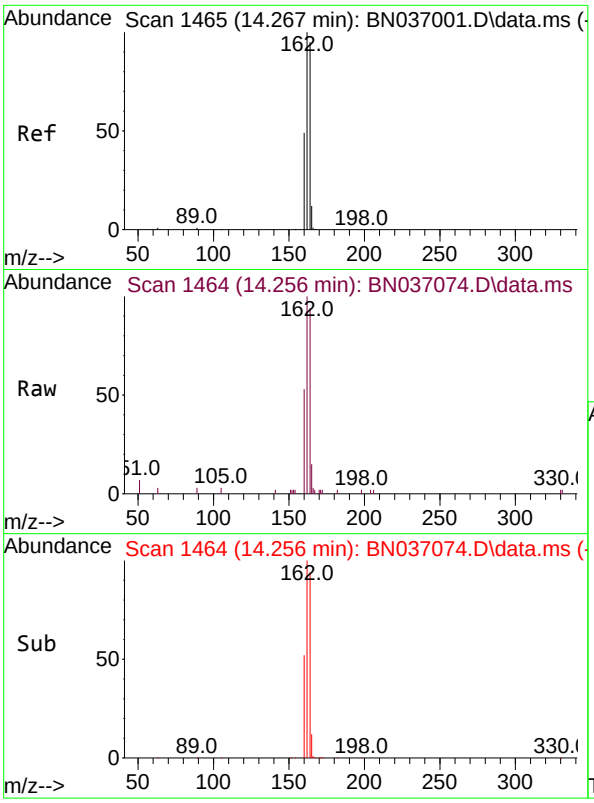


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.062 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:142 Resp: 4468

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.3	109.9
115	48.0	38.4	57.6



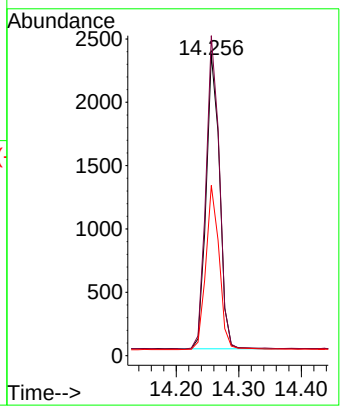


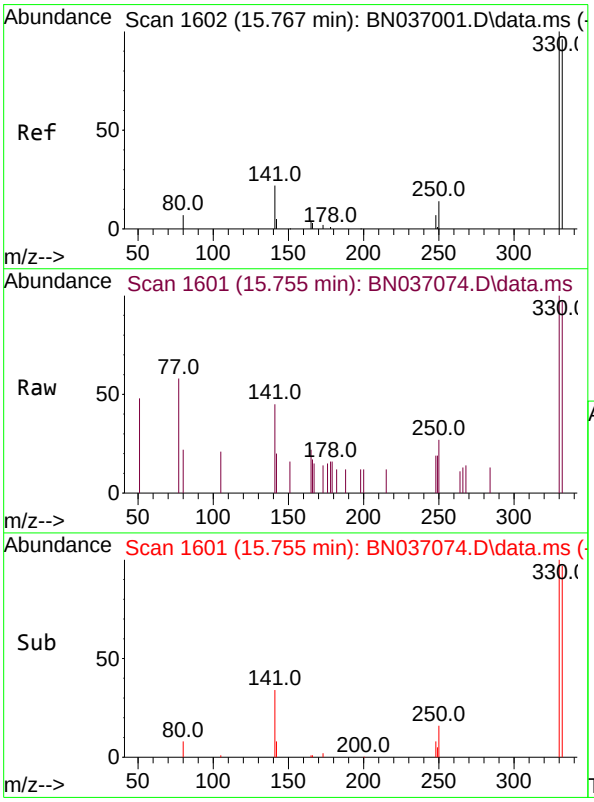
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3461

Ion	Ratio	Lower	Upper
164	100		
162	106.4	84.2	126.4
160	56.6	42.6	63.8

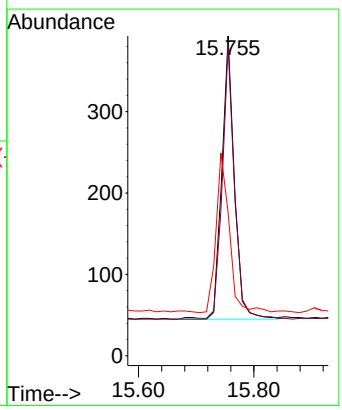


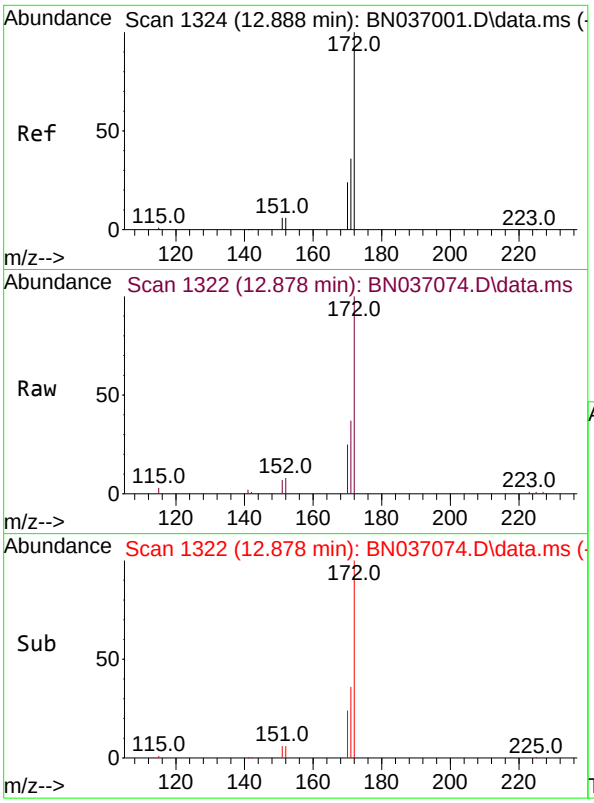


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:330 Resp: 530

Ion	Ratio	Lower	Upper
330	100		
332	93.6	73.8	110.8
141	59.8	43.9	65.9



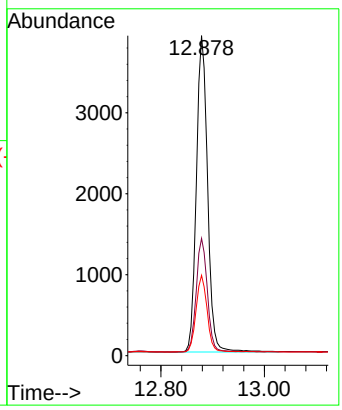


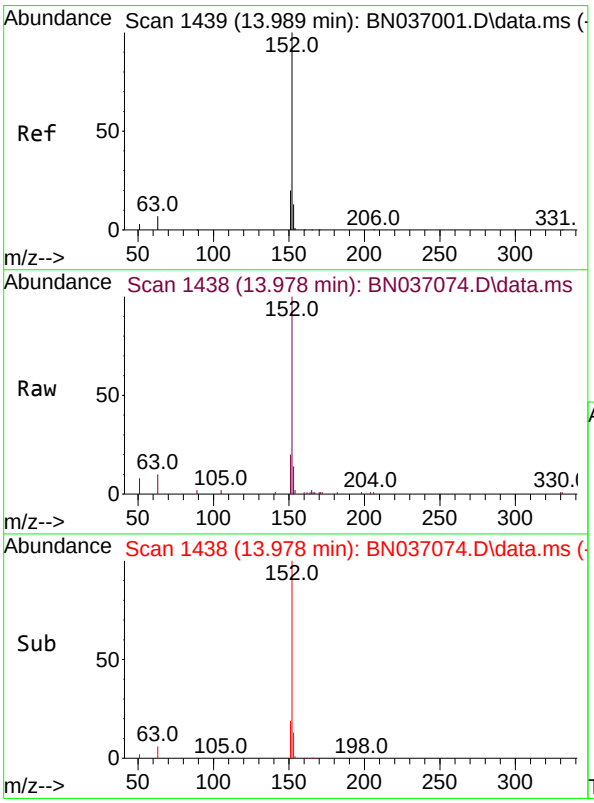
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.878 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6223

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	25.1	20.5	30.7

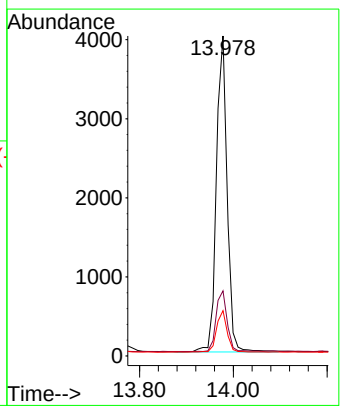


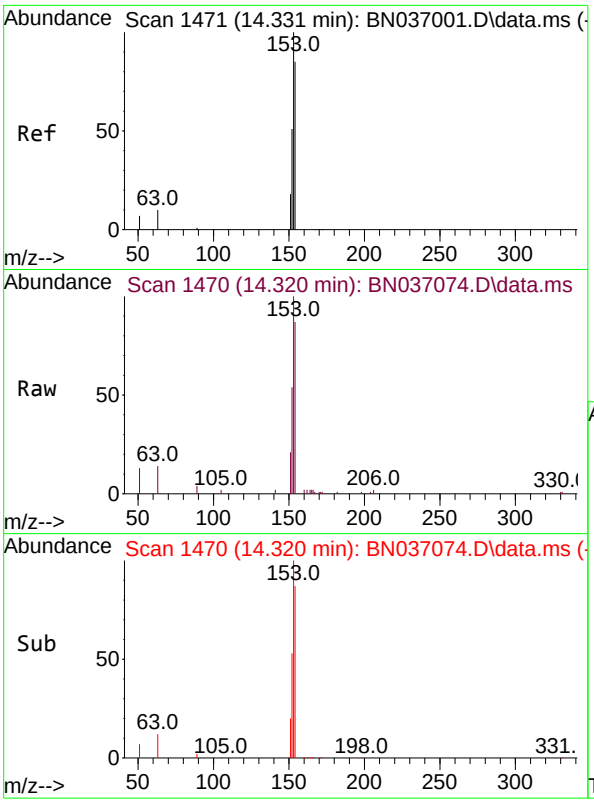


#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.978 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:152 Resp: 6352

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	12.7	10.5	15.7



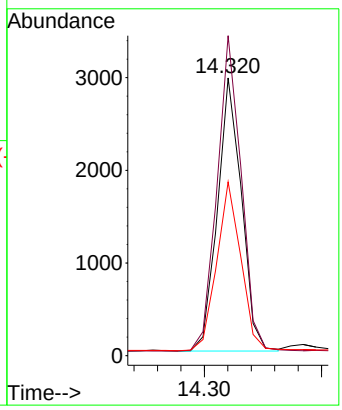


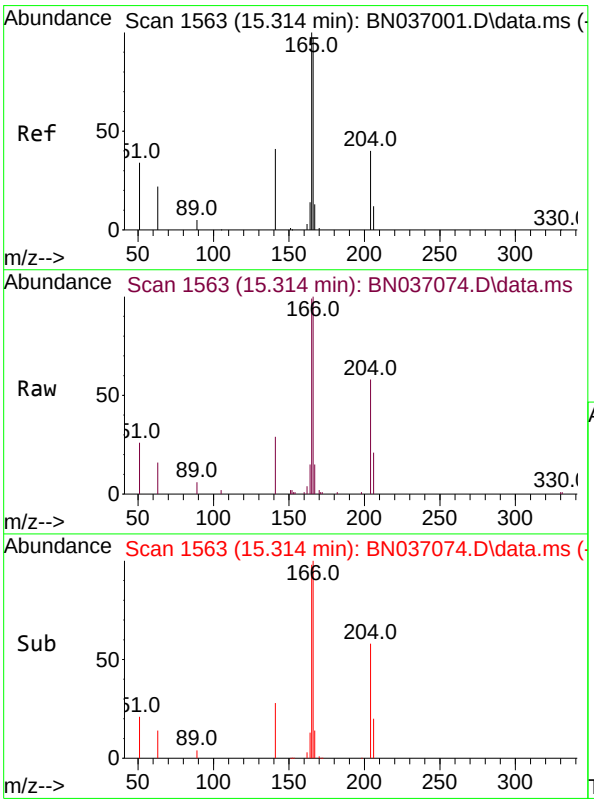
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.320 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4188

Ion	Ratio	Lower	Upper
154	100		
153	116.3	94.2	141.4
152	62.8	49.4	74.0

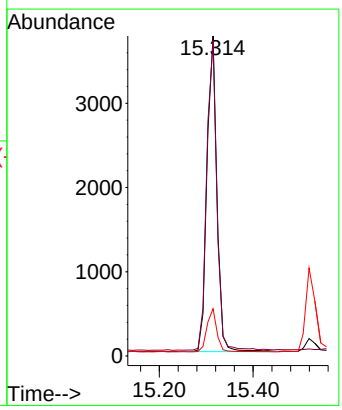


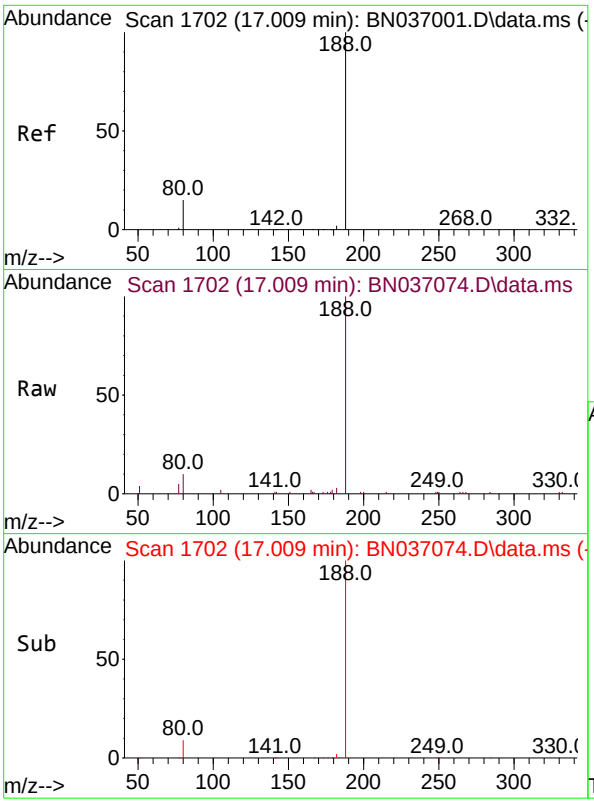


#18
Fluorene
Concen: 0.382 ng
RT: 15.314 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:166 Resp: 5511

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.6	120.8
167	13.5	10.6	16.0



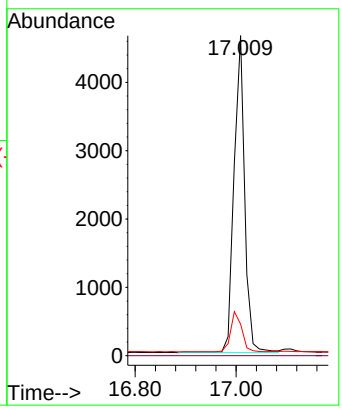


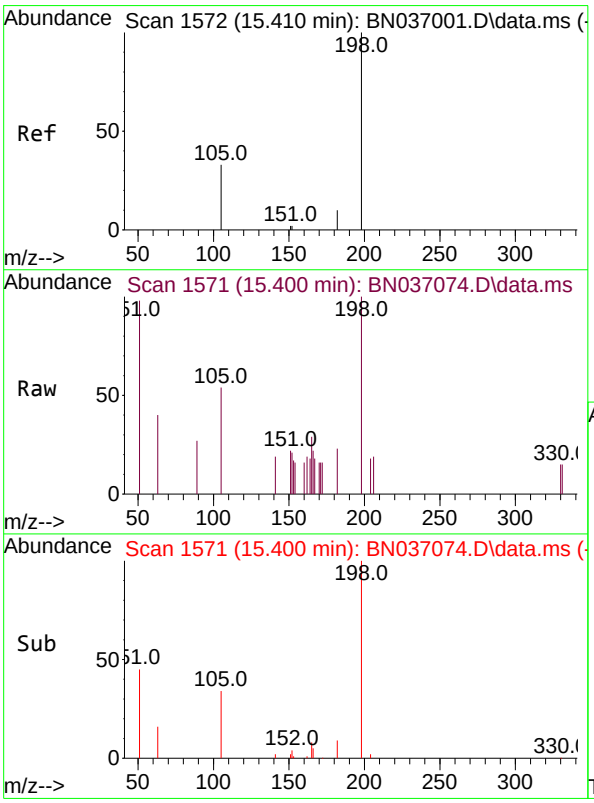
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6762

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	13.4	20.0#

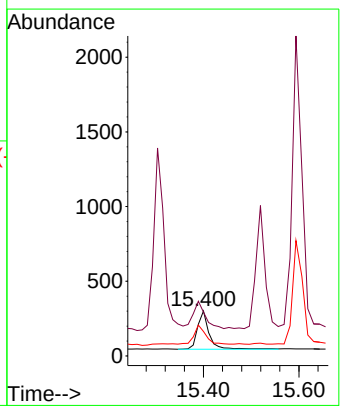


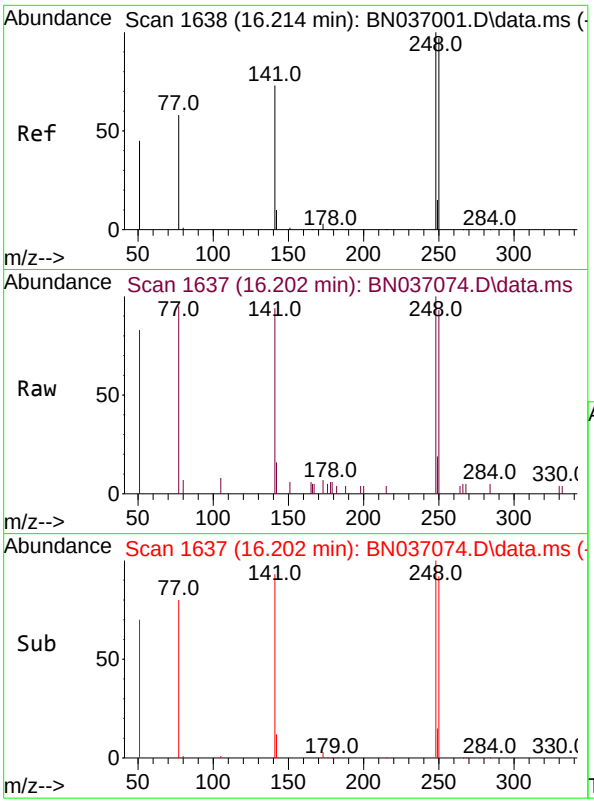


#20
4,6-Dinitro-2-methylphenol
Concen: 0.347 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.010 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:198 Resp: 447

Ion	Ratio	Lower	Upper
198	100		
51	97.7	87.8	131.6
105	54.5	44.2	66.4



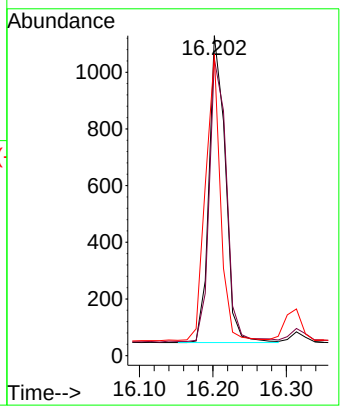


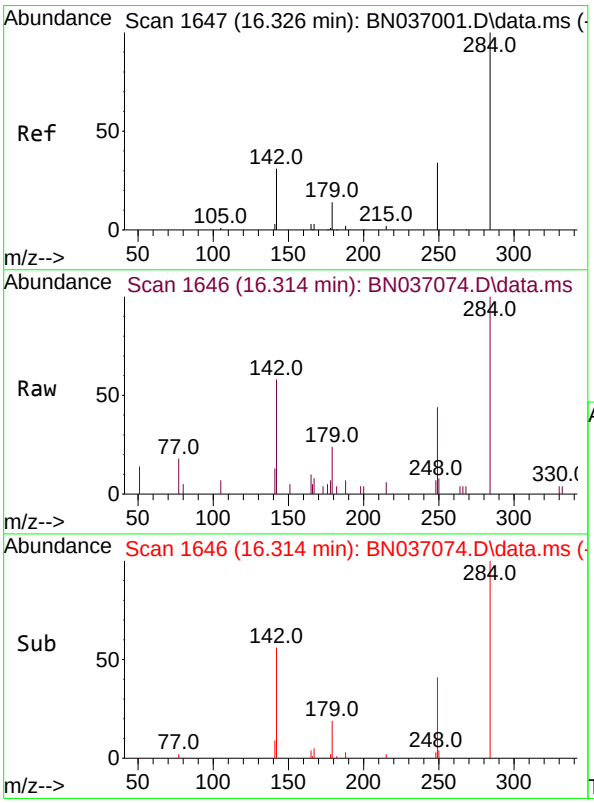
#21
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.202 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1675

Ion	Ratio	Lower	Upper
248	100		
250	92.6	78.1	117.1
141	94.2	59.7	89.5#

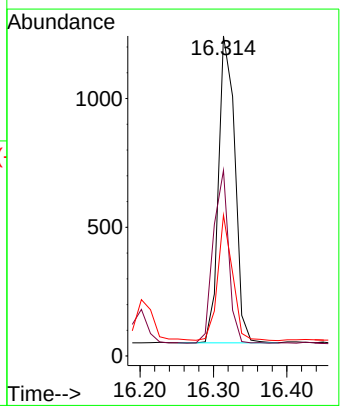


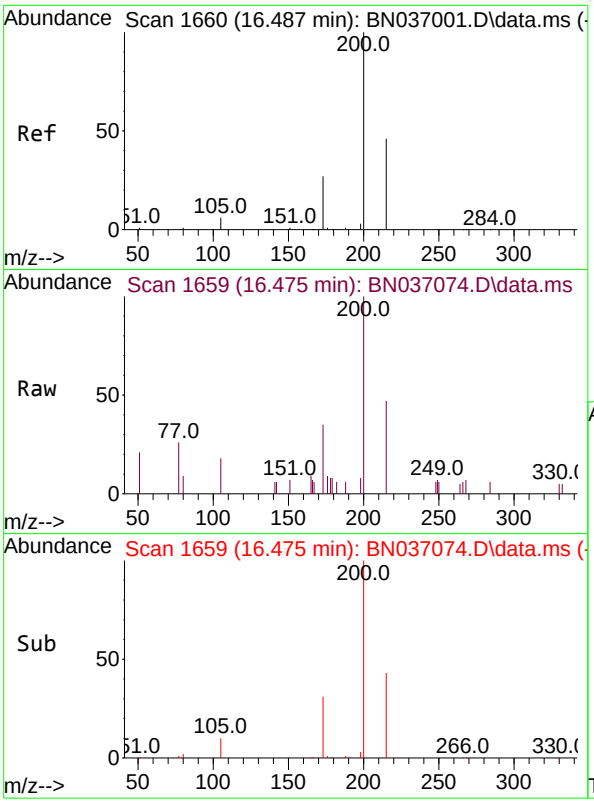


#22
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.314 min Scan# 1646
Delta R.T. -0.012 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:284 Resp: 1839

Ion	Ratio	Lower	Upper
284	100		
142	53.0	41.2	61.8
249	37.0	28.7	43.1



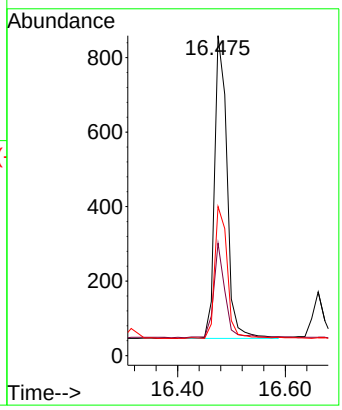


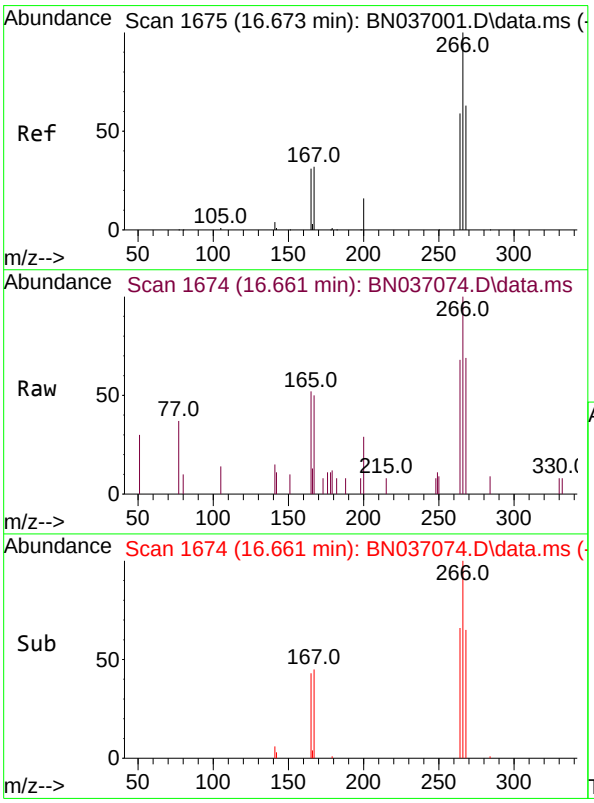
#23
Atrazine
Concen: 0.351 ng
RT: 16.475 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1307

Ion	Ratio	Lower	Upper
200	100		
173	35.2	25.2	37.8
215	46.6	39.3	58.9

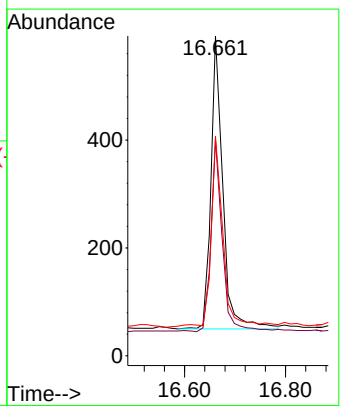


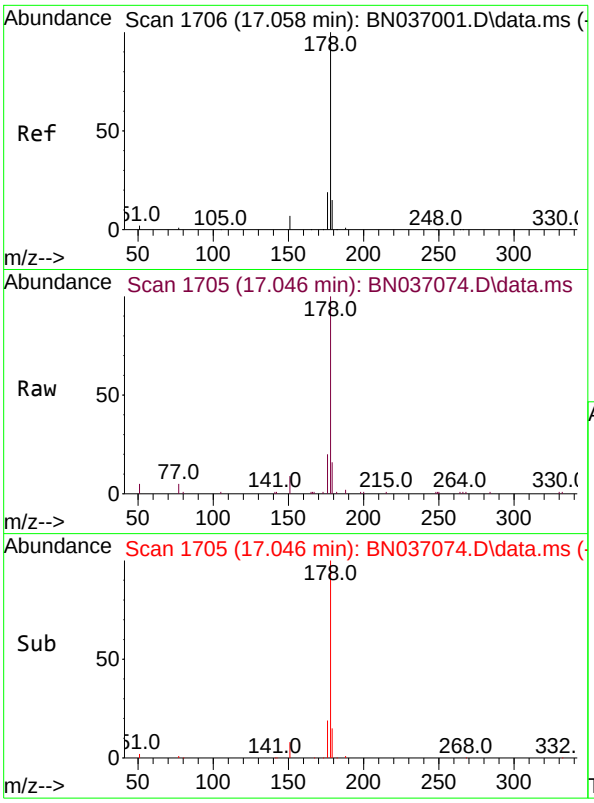


#24
Pentachlorophenol
Concen: 0.353 ng
RT: 16.661 min Scan# 1674
Delta R.T. -0.012 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:266 Resp: 889

Ion	Ratio	Lower	Upper
266	100		
264	61.8	47.9	71.9
268	65.7	50.0	75.0



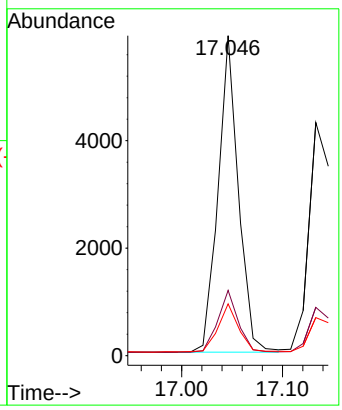


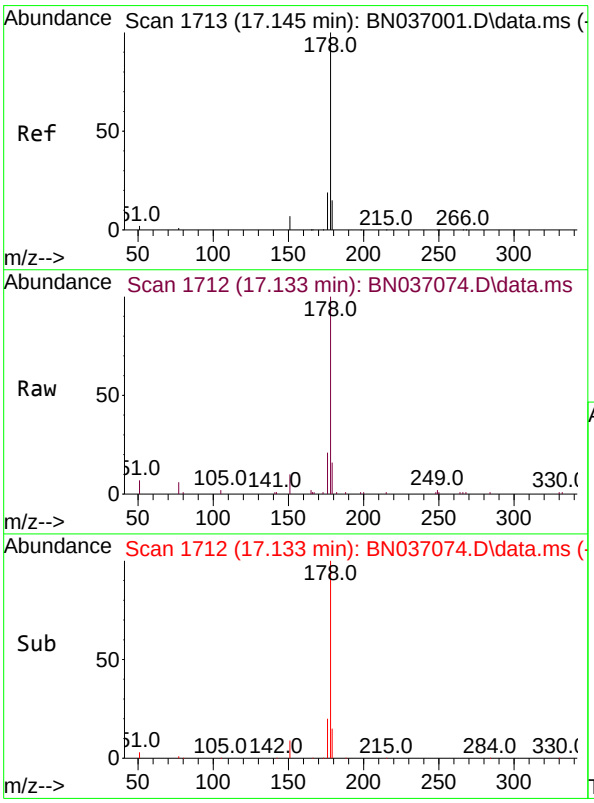
#25
Phenanthrene
Concen: 0.373 ng
RT: 17.046 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8237

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.6	12.2	18.2

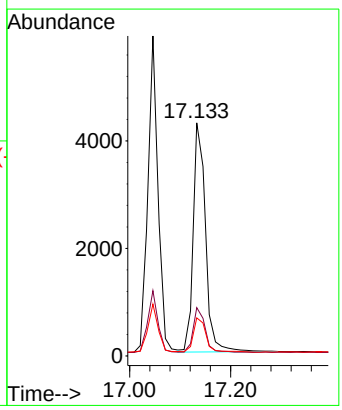


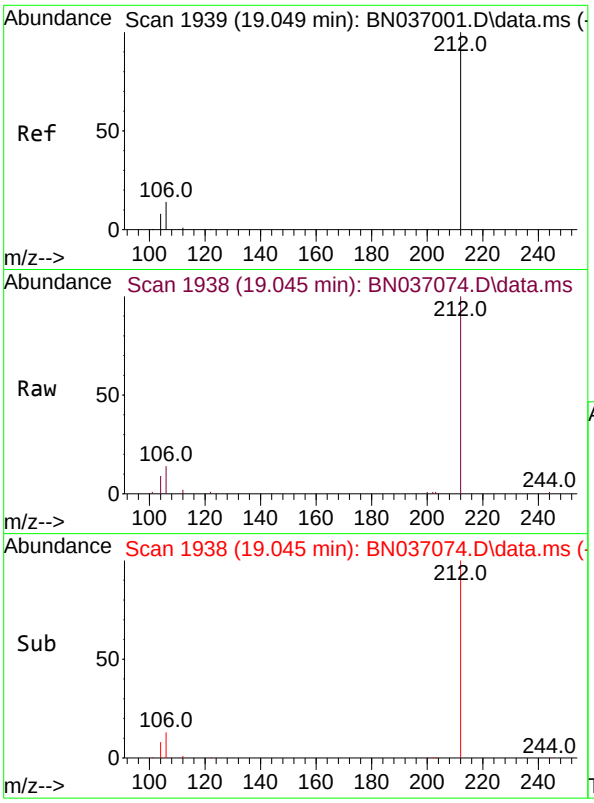


#26
Anthracene
Concen: 0.360 ng
RT: 17.133 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:178 Resp: 7244

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.5	12.3	18.5



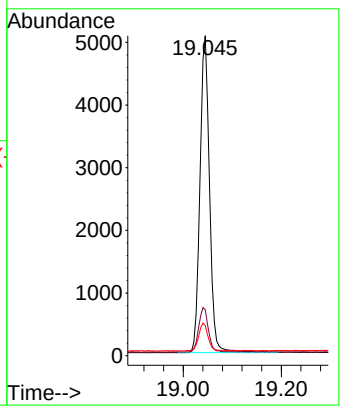


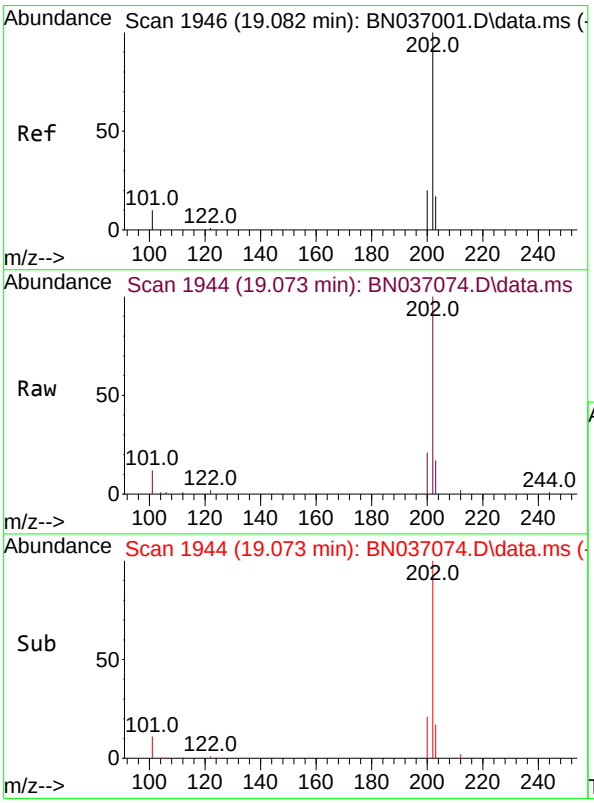
#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.045 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6828

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.3	16.9
104	8.7	6.7	10.1

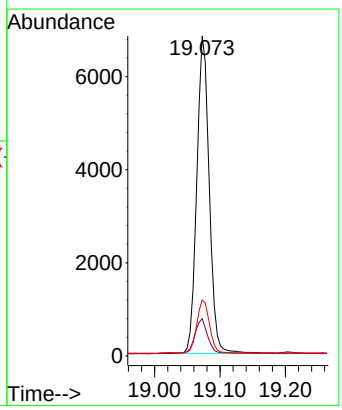


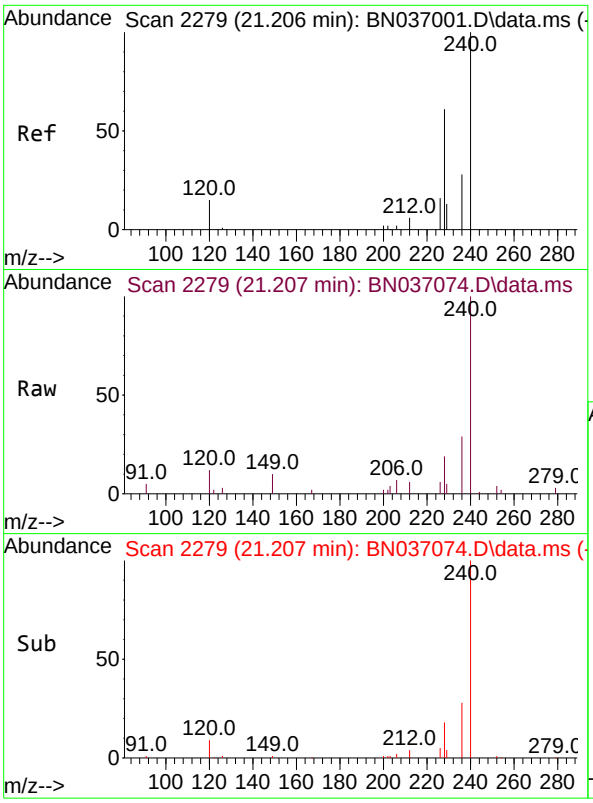


#28
Fluoranthene
Concen: 0.341 ng
RT: 19.073 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:202 Resp: 8992

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
203	17.0	13.8	20.8



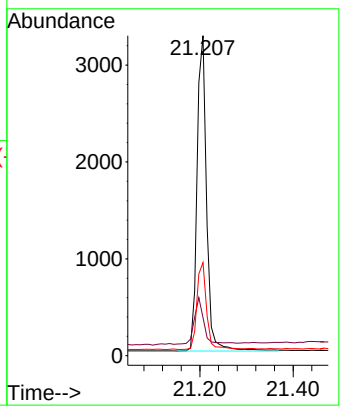


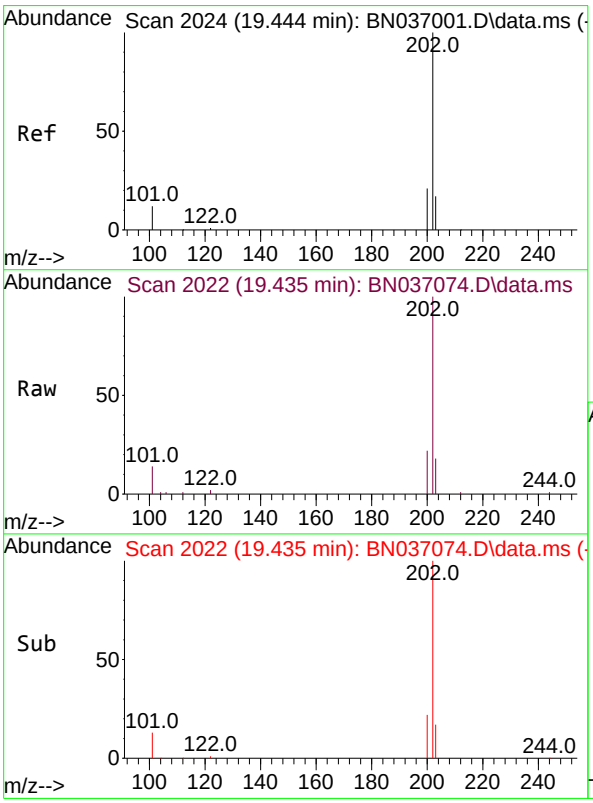
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4645

Ion	Ratio	Lower	Upper
240	100		
120	11.9	15.1	22.7#
236	29.1	24.0	36.0

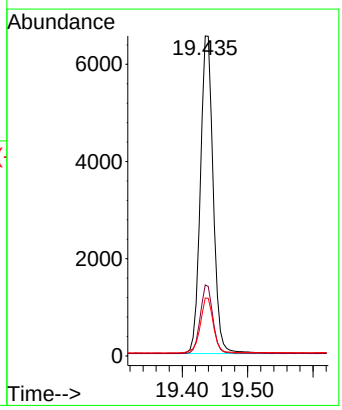


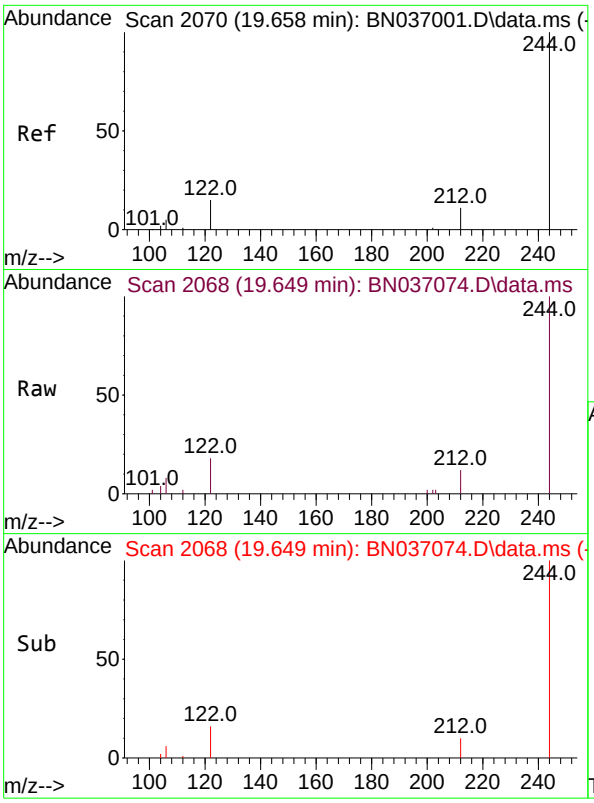


#30
Pyrene
Concen: 0.448 ng
RT: 19.435 min Scan# 2022
Delta R.T. -0.009 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:202 Resp: 8904

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	17.6	14.2	21.4



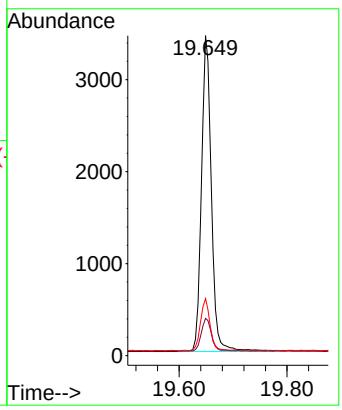


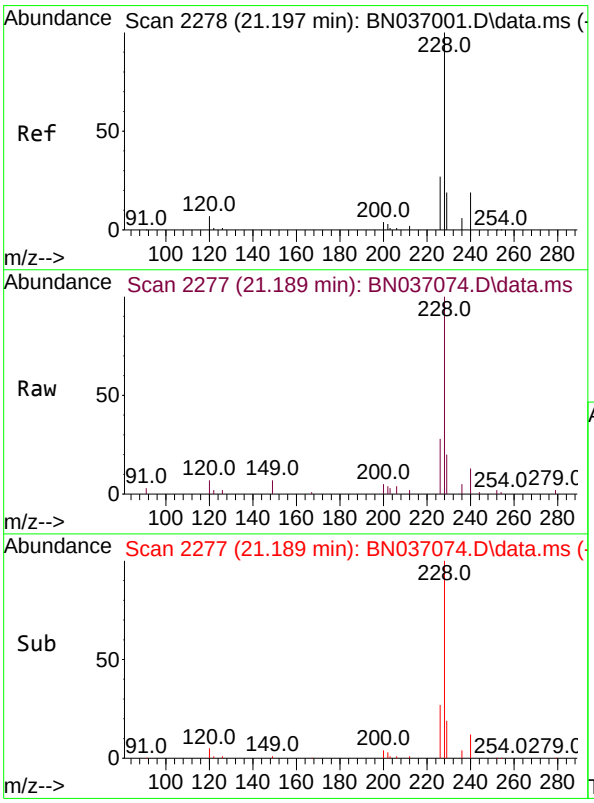
#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.649 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4368

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.7	14.5
122	17.9	13.4	20.0

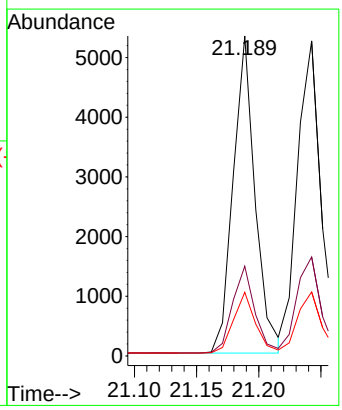


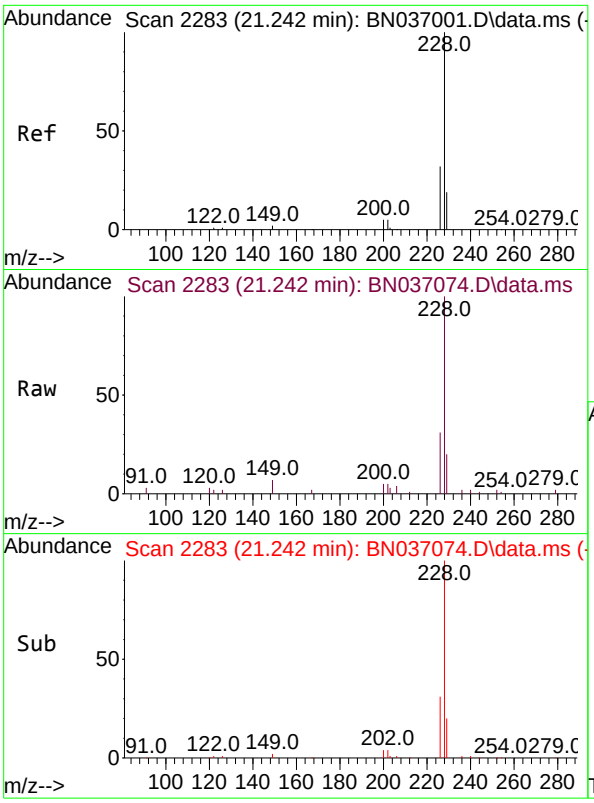


#32
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.009 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:228 Resp: 6527

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	19.9	16.0	24.0



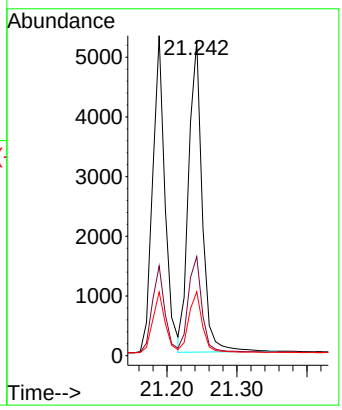


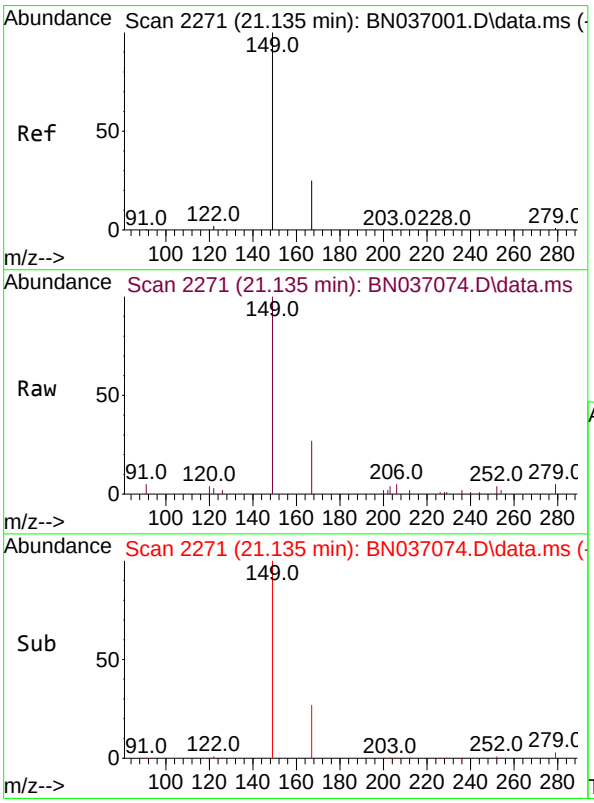
#33
Chrysene
Concen: 0.379 ng
RT: 21.242 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7006

Ion	Ratio	Lower	Upper
228	100		
226	31.4	26.3	39.5
229	20.3	16.2	24.2

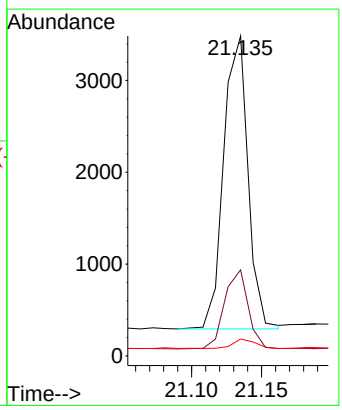


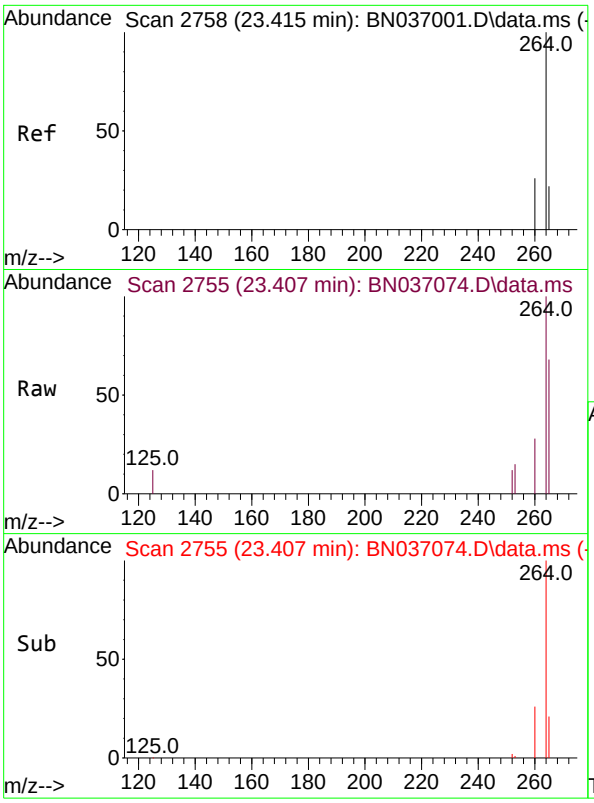


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 21.135 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:149 Resp: 3857

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.6	30.8
279	3.1	2.6	3.8



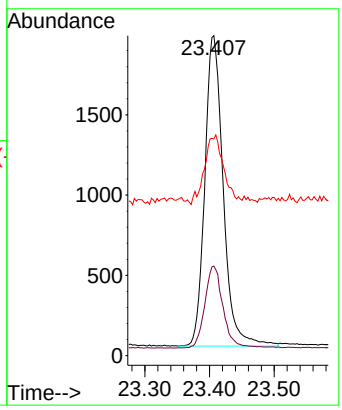


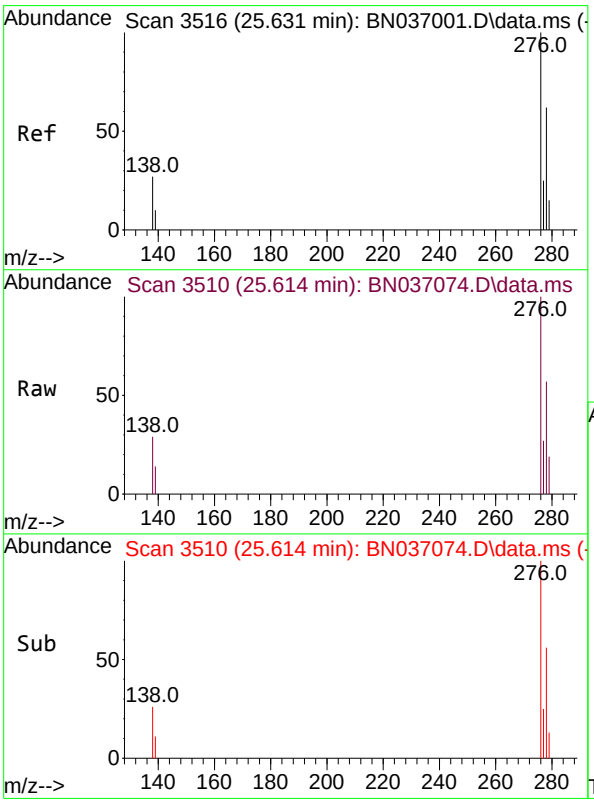
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.407 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 3820

Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.9	32.9
265	67.7	51.6	77.4

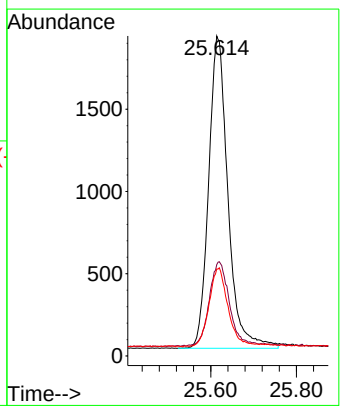


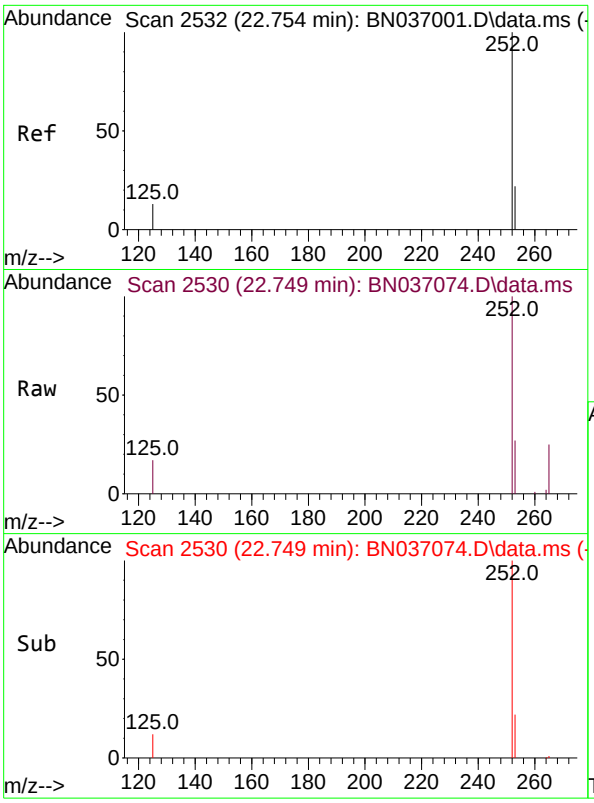


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 25.614 min Scan# 3510
Delta R.T. -0.017 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:276 Resp: 5928

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.7	34.1
277	24.7	20.0	30.0



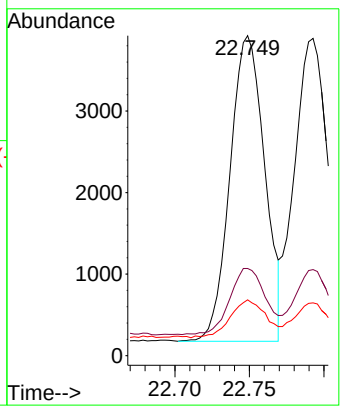


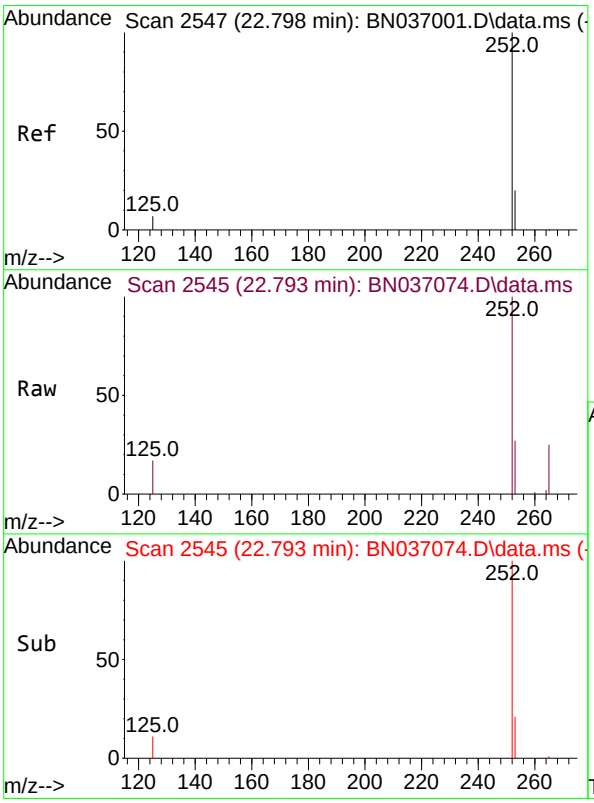
#37
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.749 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6059

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.6
125	17.5	14.6	21.8

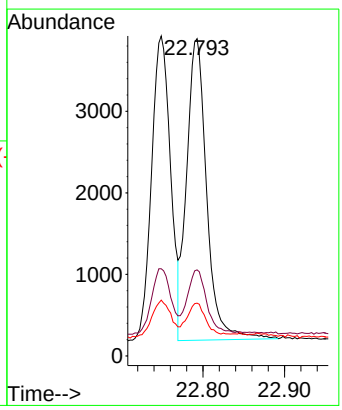


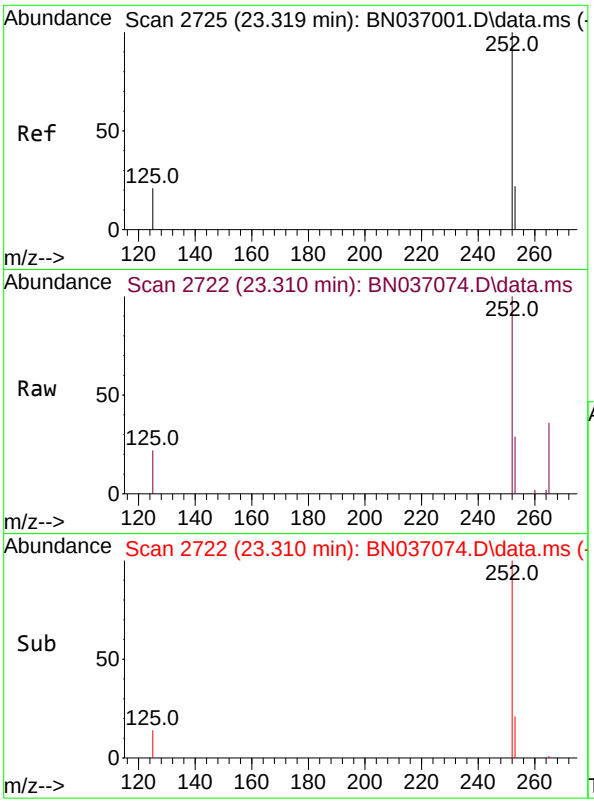


#38
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.793 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:252 Resp: 6318

Ion	Ratio	Lower	Upper
252	100		
253	27.1	21.4	32.2
125	16.6	13.0	19.4



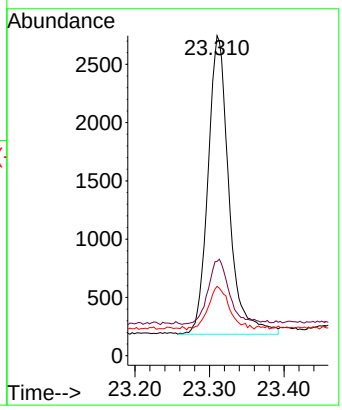


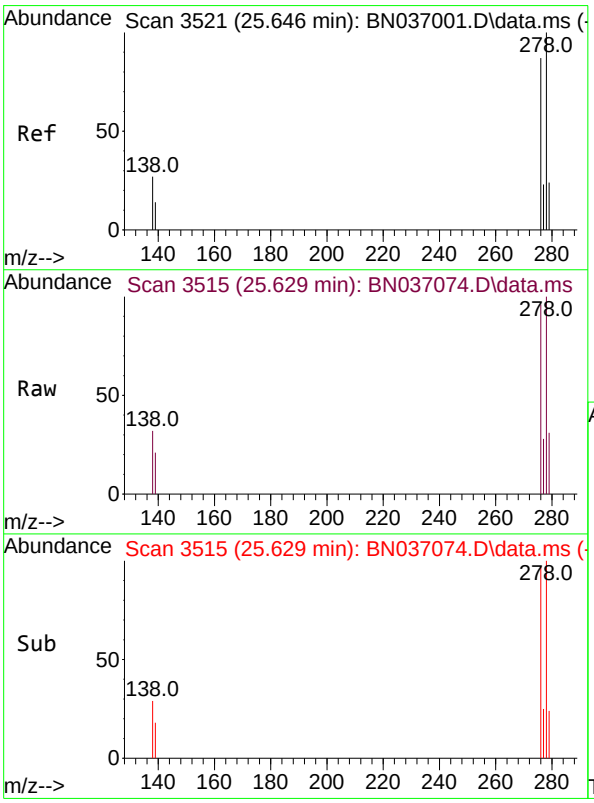
#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.310 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5011

Ion	Ratio	Lower	Upper
252	100		
253	29.5	23.8	35.6
125	21.7	21.8	32.6#

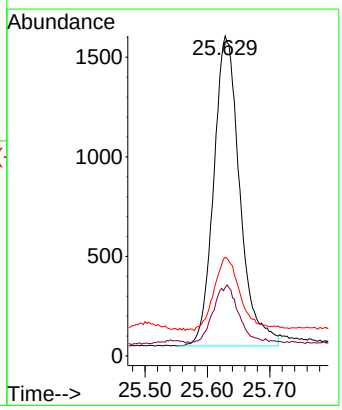


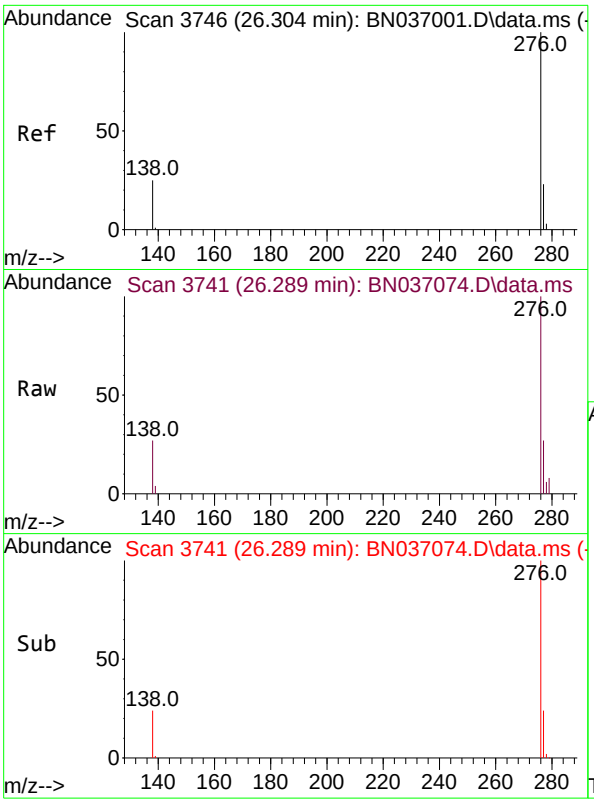


#40
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 25.629 min Scan# 3515
Delta R.T. -0.017 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Tgt Ion:278 Resp: 4518

Ion	Ratio	Lower	Upper
278	100		
139	21.3	17.4	26.0
279	30.9	24.6	37.0





#41
Benzo(g,h,i)perylene
Concen: 0.391 ng
RT: 26.289 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN037074.D
Acq: 20 May 2025 15:09

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5160

Ion	Ratio	Lower	Upper
276	100		
277	26.6	20.2	30.4
138	27.2	22.0	33.0