Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
Data File : BN037099.D
Acq On : 27 May 2025 22:24
Operator : RC/JU
Sample : PB168100BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Quant Time: May 28 14:47:44 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	2307	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5903	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2938	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4905	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	2958	0.400	ng	0.00
35) Perylene-d12	23.398	264	2936	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	2142	0.354	ng	0.00
5) Phenol-d6	6.788	99	2514	0.332	ng	0.00
8) Nitrobenzene-d5	8.760	82	2288	0.356	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	4283	0.515	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	360	0.279	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4674	0.347	ng	-0.01
27) Fluoranthene-d10	19.040	212	3849	0.286	ng	0.00
31) Terphenyl-d14	19.649	244	2577	0.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	846	0.299	ng	# 27
3) n-Nitrosodimethylamine	3.451	42	2212	0.364	ng	# 90
6) bis(2-Chloroethyl)ether	7.040	93	2394	0.344	ng	98
9) Naphthalene	10.436	128	6096	0.349	ng	99
10) Hexachlorobutadiene	10.735	225	1328	0.363	ng	# 97
12) 2-Methylnaphthalene	12.062	142	3422	0.305	ng	99
16) Acenaphthylene	13.978	152	5521	0.386	ng	100
17) Acenaphthene	14.320	154	3223	0.345	ng	99
18) Fluorene	15.314	166	4071	0.332	ng	100
20) 4,6-Dinitro-2-methylph...	15.400	198	324	0.347	ng	90
21) 4-Bromophenyl-phenylether	16.202	248	1167	0.377	ng	# 90
22) Hexachlorobenzene	16.313	284	1312	0.396	ng	99
23) Atrazine	16.475	200	935	0.346	ng	# 92
24) Pentachlorophenol	16.661	266	797	0.436	ng	99
25) Phenanthrene	17.046	178	5590	0.349	ng	99
26) Anthracene	17.133	178	5144	0.353	ng	100
28) Fluoranthene	19.073	202	5242	0.274	ng	99
30) Pyrene	19.435	202	5192	0.410	ng	100
32) Benzo(a)anthracene	21.180	228	3888	0.349	ng	97
33) Chrysene	21.233	228	4470	0.379	ng	99
34) Bis(2-ethylhexyl)phtha...	21.126	149	2272	0.331	ng	99
36) Indeno(1,2,3-cd)pyrene	25.602	276	4990	0.416	ng	97
37) Benzo(b)fluoranthene	22.740	252	4158	0.341	ng	97
38) Benzo(k)fluoranthene	22.784	252	4194	0.349	ng	94
39) Benzo(a)pyrene	23.304	252	3827	0.370	ng	# 90
40) Dibenzo(a,h)anthracene	25.620	278	3774	0.404	ng	97
41) Benzo(g,h,i)perylene	26.275	276	4270	0.421	ng	98

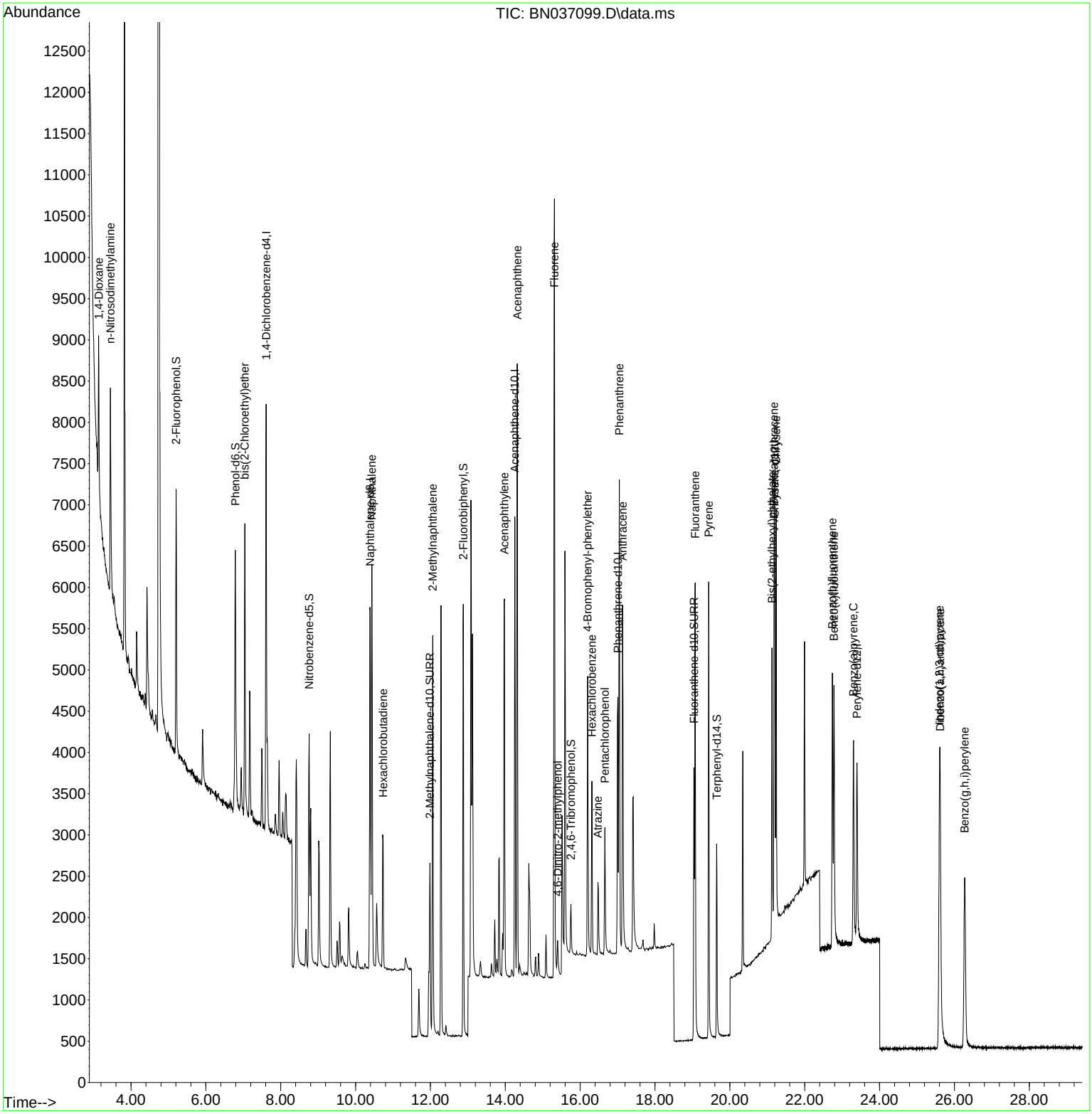
(#) = qualifier out of range (m) = manual integration (+) = signals summed

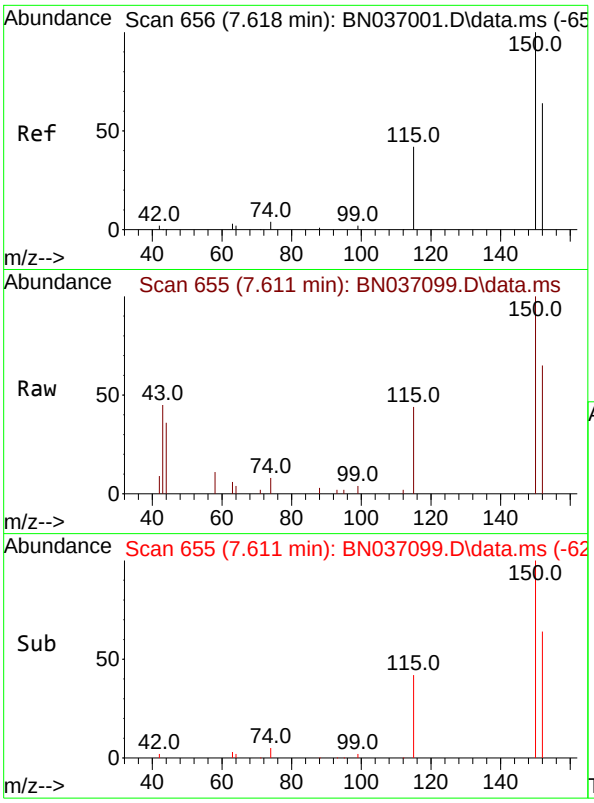
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
Data File : BN037099.D
Acq On : 27 May 2025 22:24
Operator : RC/JU
Sample : PB168100BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Quant Time: May 28 14:47:44 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



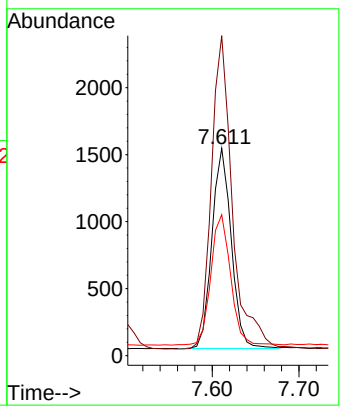


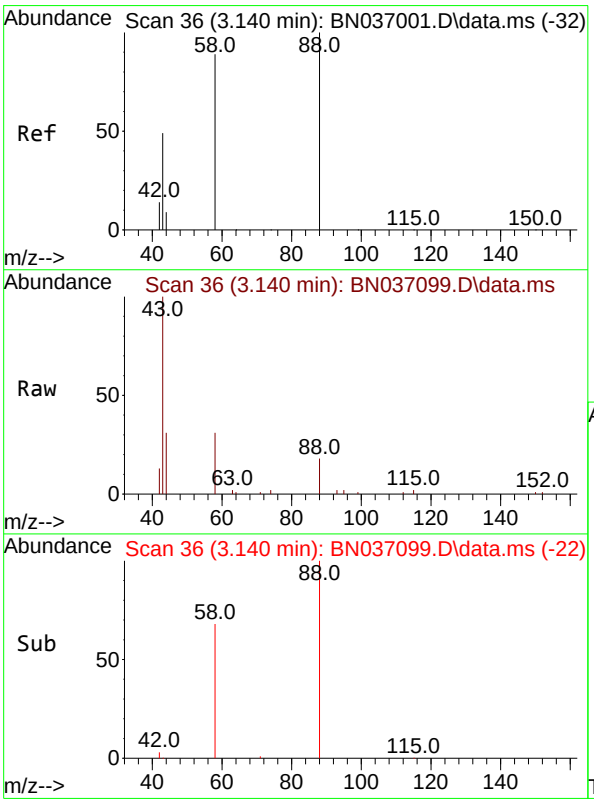
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:152 Resp: 2307

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.9	185.9
115	68.0	55.8	83.8

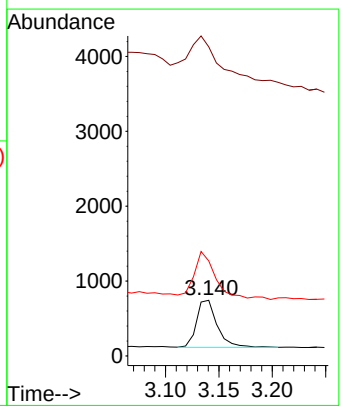


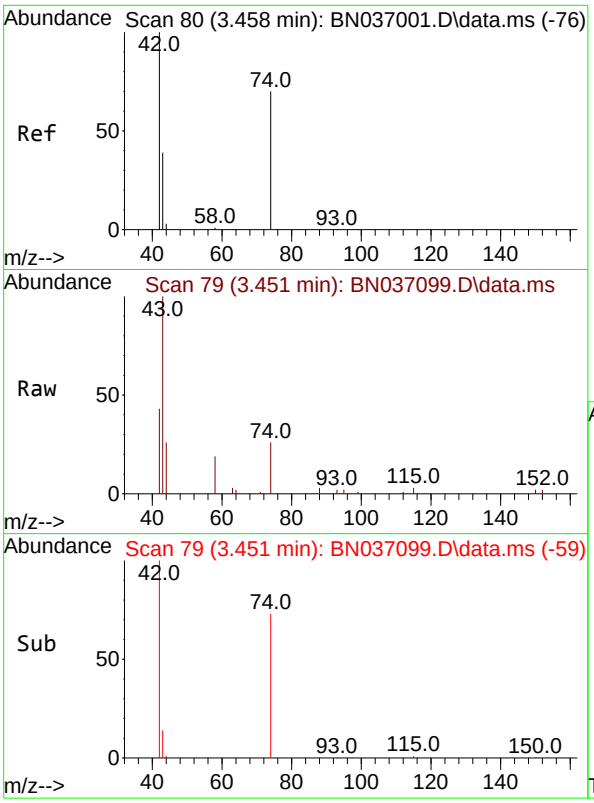


#2
1,4-Dioxane
Concen: 0.299 ng
RT: 3.140 min Scan# 36
Delta R.T. 0.000 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion: 88 Resp: 846

Ion	Ratio	Lower	Upper
88	100		
43	154.5	37.4	56.0#
58	108.2	68.8	103.2#



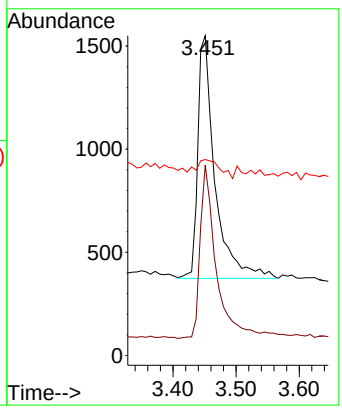


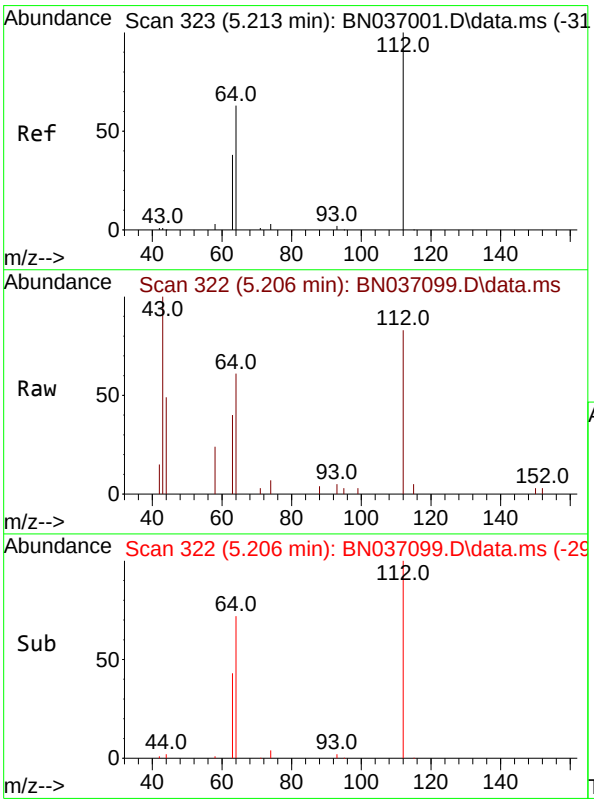
#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.451 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion: 42 Resp: 2212

Ion	Ratio	Lower	Upper
42	100		
74	66.3	59.8	89.6
44	10.9	11.9	17.9#

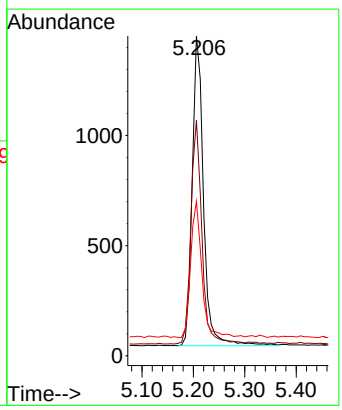


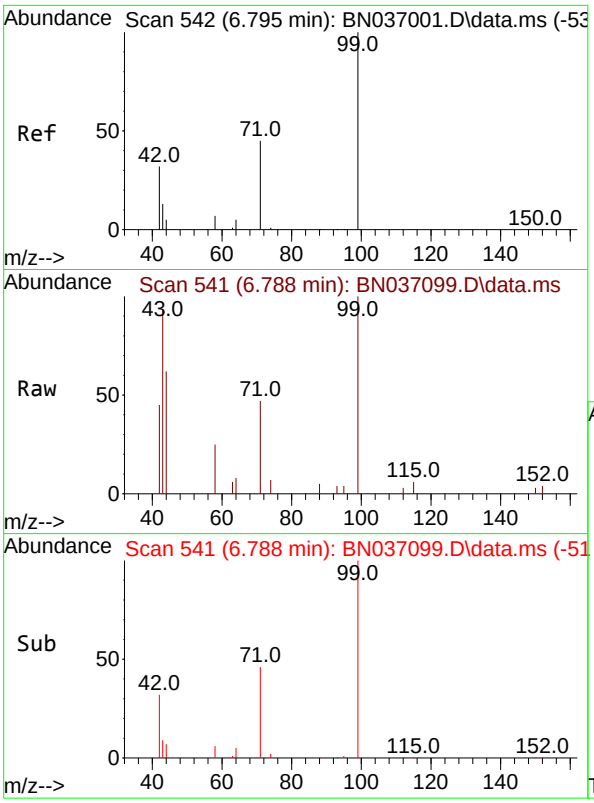


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:112 Resp: 2142

Ion	Ratio	Lower	Upper
112	100		
64	69.8	55.7	83.5
63	43.3	34.6	51.8



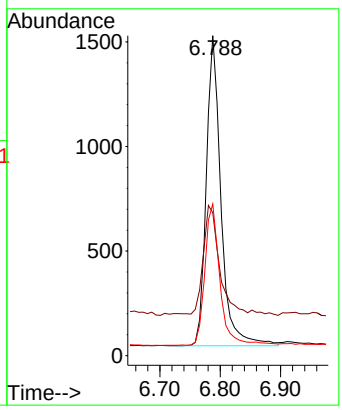


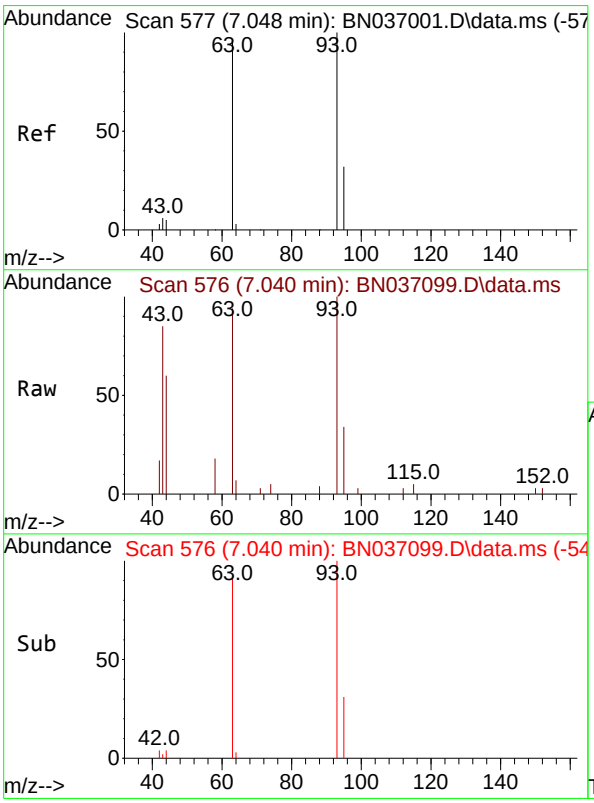
#5
Phenol-d6
Concen: 0.332 ng
RT: 6.788 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion: 99 Resp: 2514

Ion	Ratio	Lower	Upper
99	100		
42	37.2	29.3	43.9
71	47.1	35.7	53.5

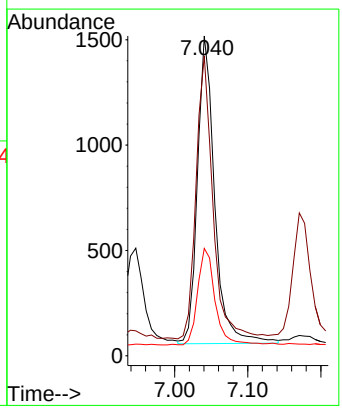


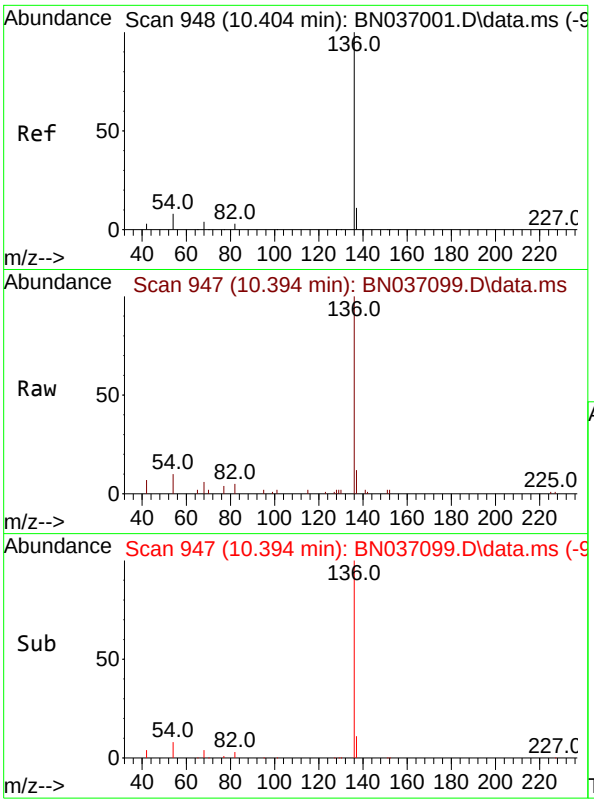


#6
bis(2-Chloroethyl)ether
Concen: 0.344 ng
RT: 7.040 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion: 93 Resp: 2394

Ion	Ratio	Lower	Upper
93	100		
63	89.2	70.1	105.1
95	32.1	26.2	39.2



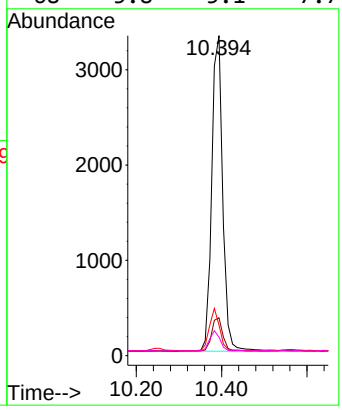


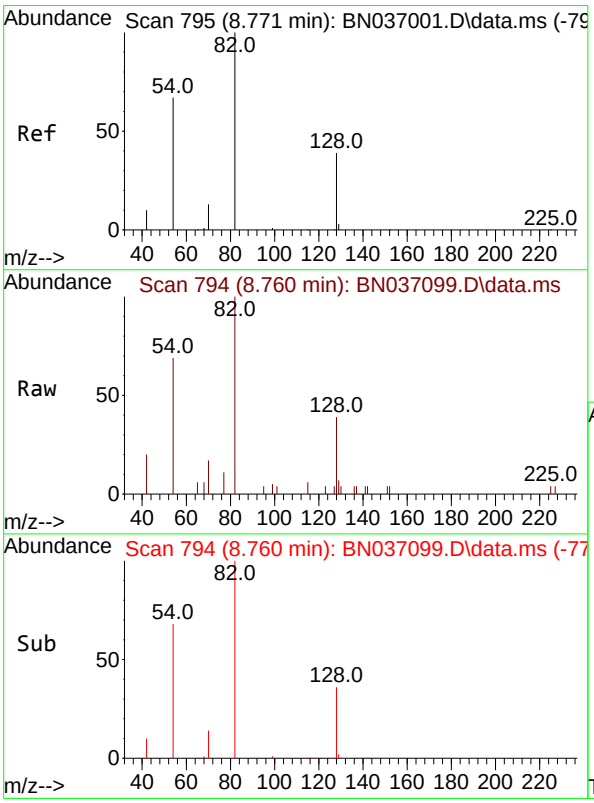
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:136 Resp: 5903

Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.4	15.6
54	9.6	8.5	12.7
68	5.8	5.1	7.7

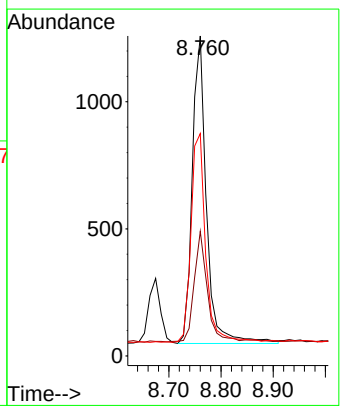


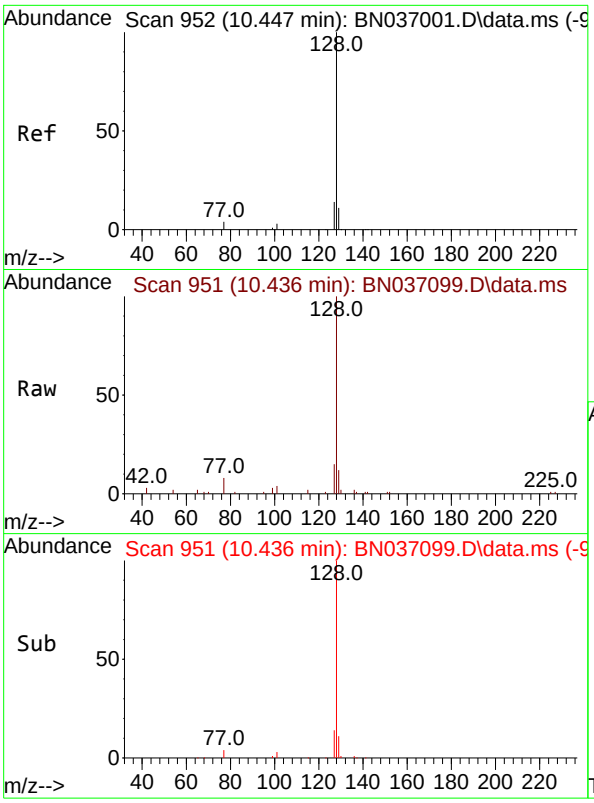


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion: 82 Resp: 2288

Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.0	51.0
54	69.5	55.0	82.4



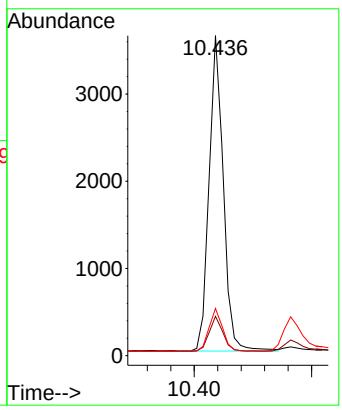


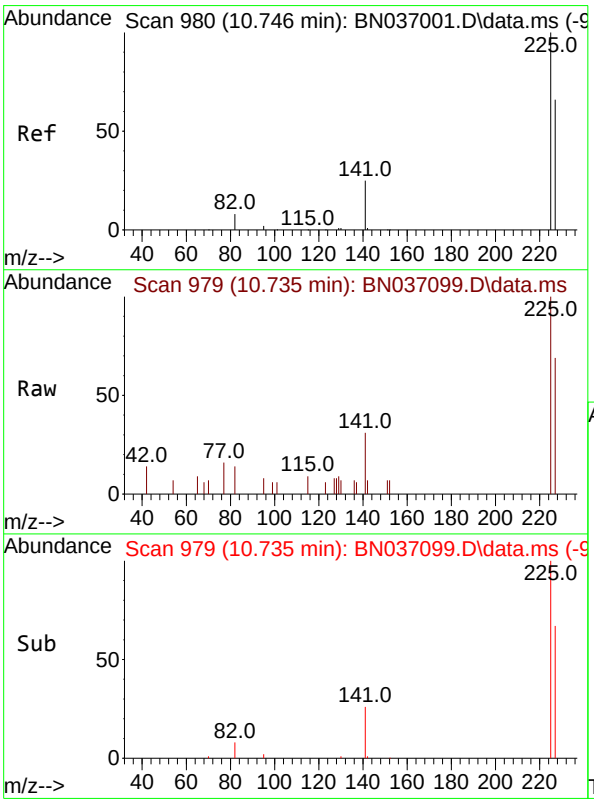
#9
Naphthalene
Concen: 0.349 ng
RT: 10.436 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:128 Resp: 6096

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.7	14.5
127	14.7	12.4	18.6

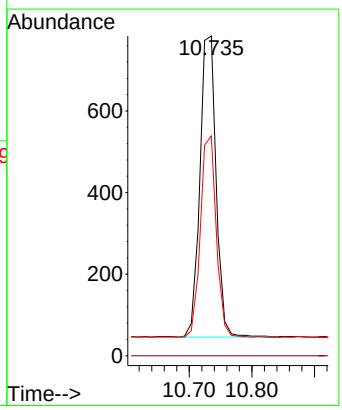


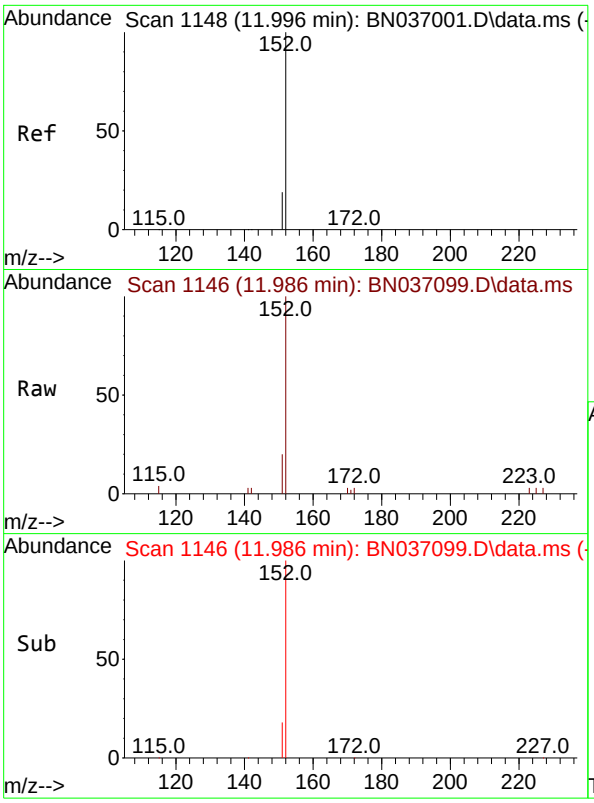


#10
Hexachlorobutadiene
Concen: 0.363 ng
RT: 10.735 min Scan# 979
Delta R.T. -0.011 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:225 Resp: 1328

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.7	50.9	76.3



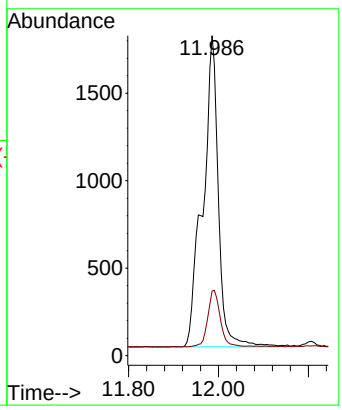


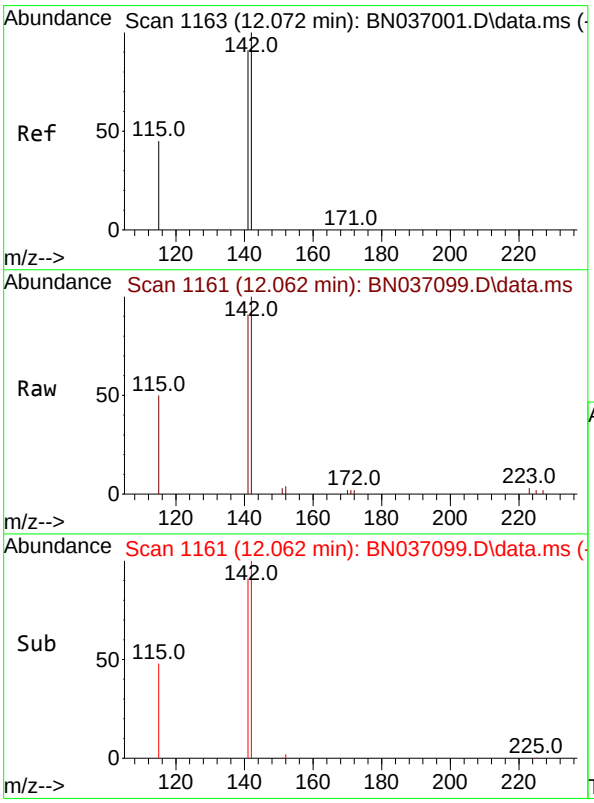
#11
2-Methylnaphthalene-d10
Concen: 0.515 ng
RT: 11.986 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:152 Resp: 4283

Ion	Ratio	Lower	Upper
152	100		
151	14.7	17.5	26.3#

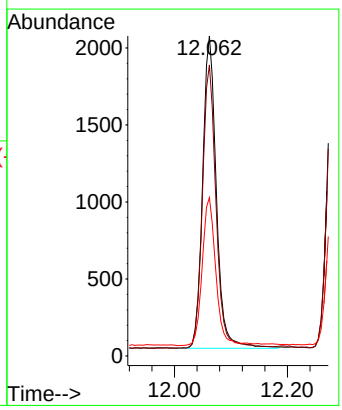


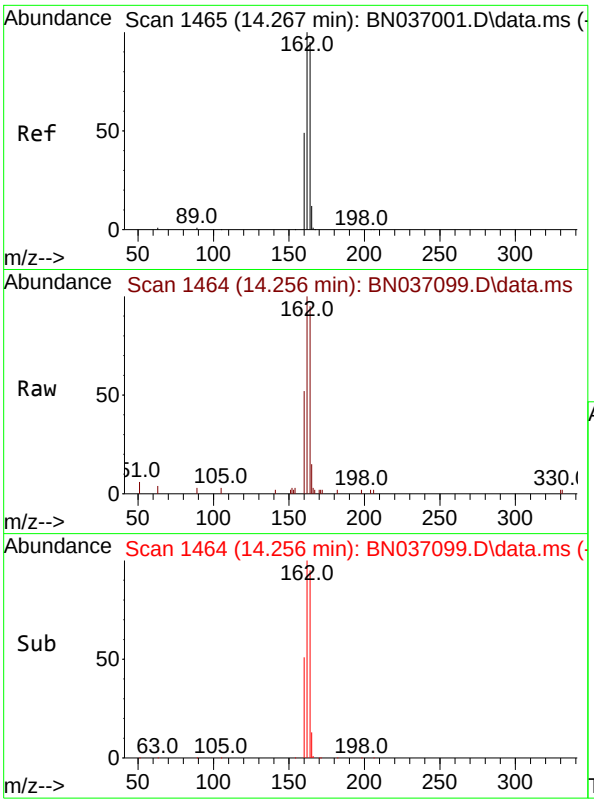


#12
2-Methylnaphthalene
Concen: 0.305 ng
RT: 12.062 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:142 Resp: 3422

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.3	109.9
115	49.5	38.4	57.6



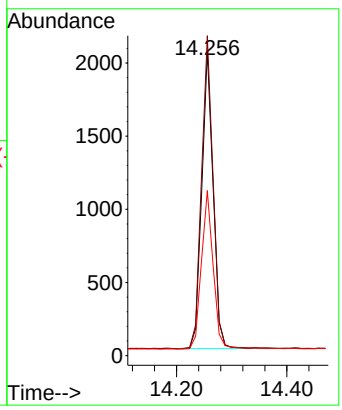


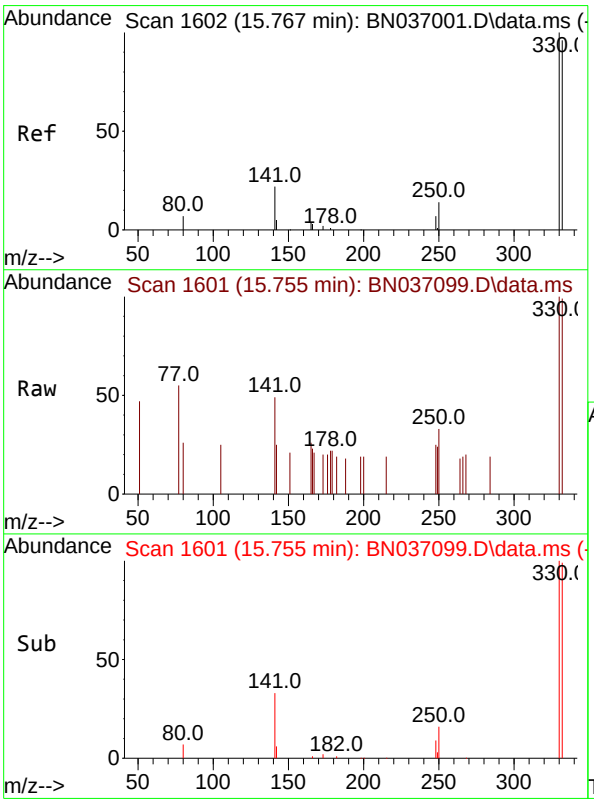
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:164 Resp: 2938

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.2	126.4
160	54.1	42.6	63.8

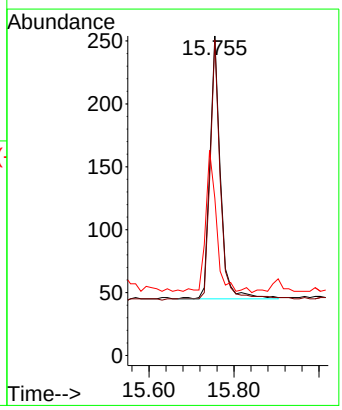


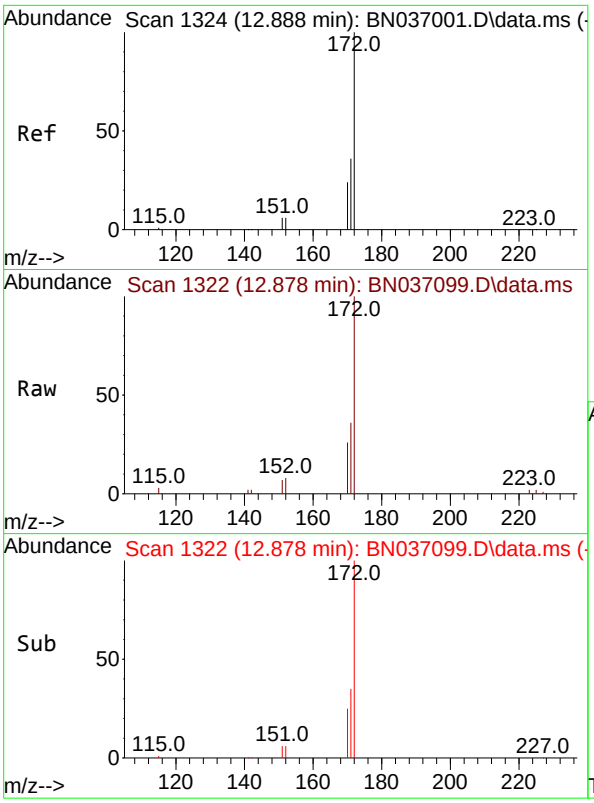


#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:330 Resp: 360

Ion	Ratio	Lower	Upper
330	100		
332	93.3	73.8	110.8
141	53.1	43.9	65.9



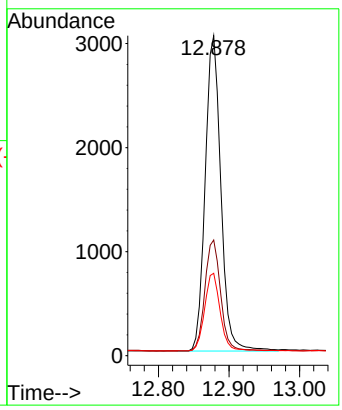


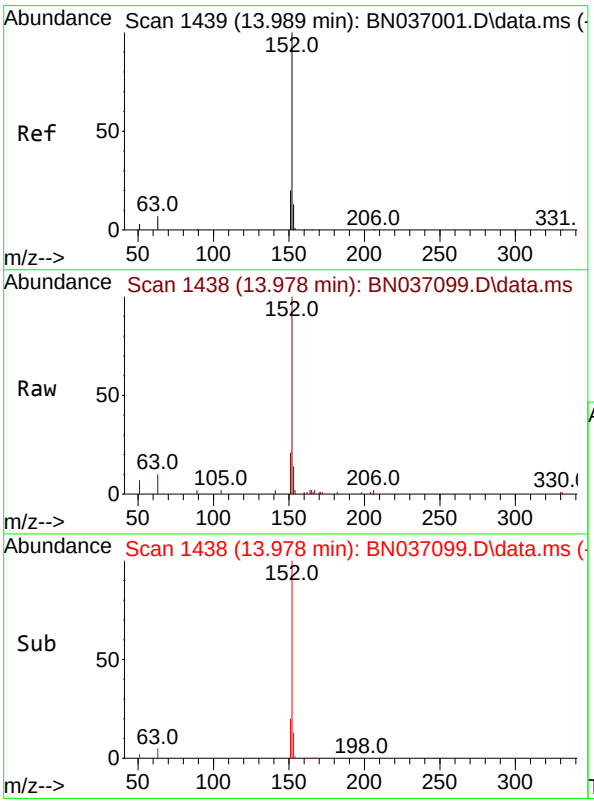
#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.878 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:172 Resp: 4674

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	25.7	20.5	30.7

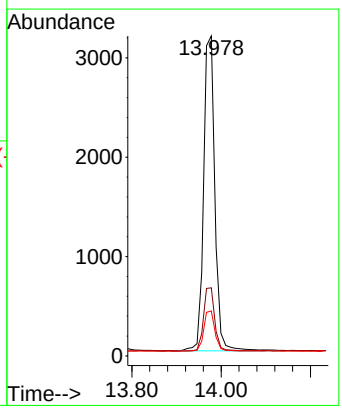


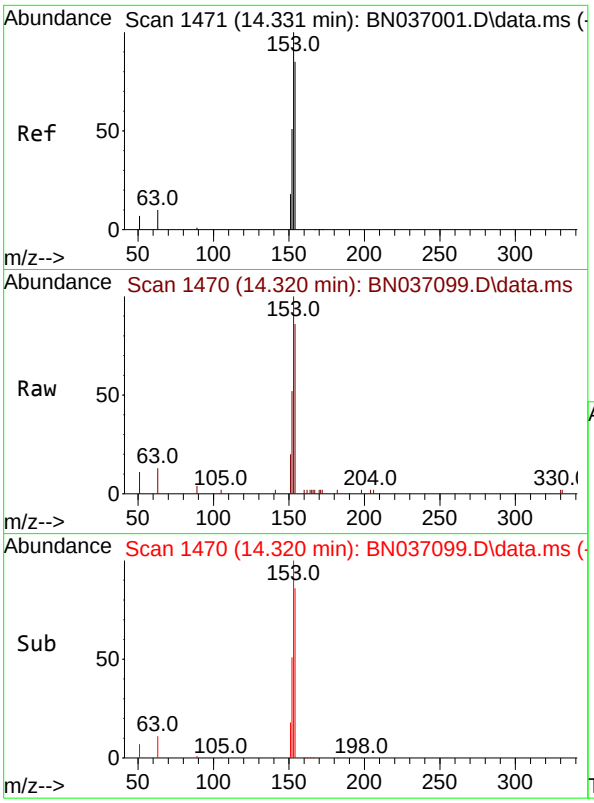


#16
Acenaphthylene
Concen: 0.386 ng
RT: 13.978 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:152 Resp: 5521

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	12.8	10.5	15.7



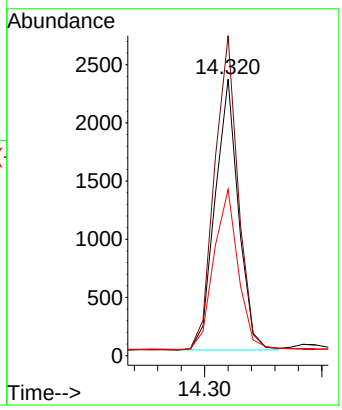


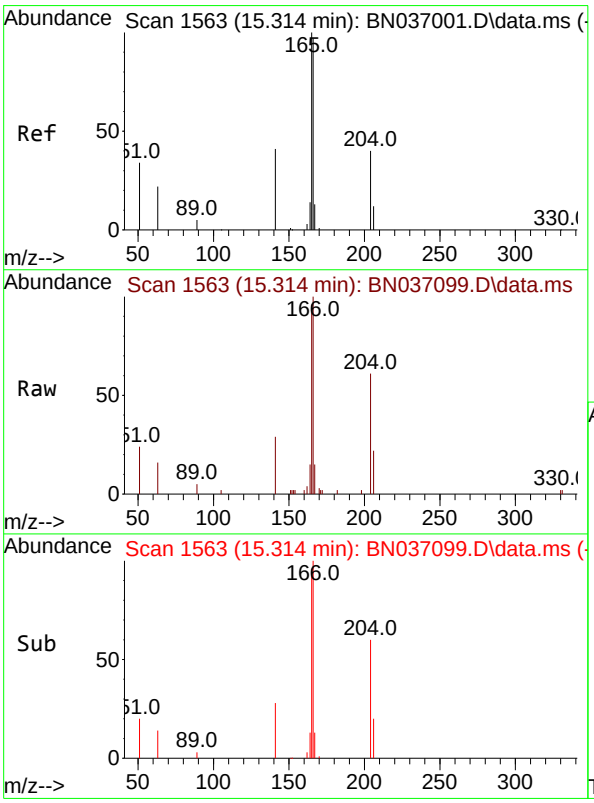
#17
Acenaphthene
Concen: 0.345 ng
RT: 14.320 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:154 Resp: 3223

Ion	Ratio	Lower	Upper
154	100		
153	117.9	94.2	141.4
152	62.9	49.4	74.0

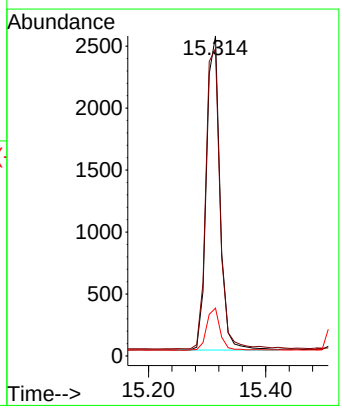


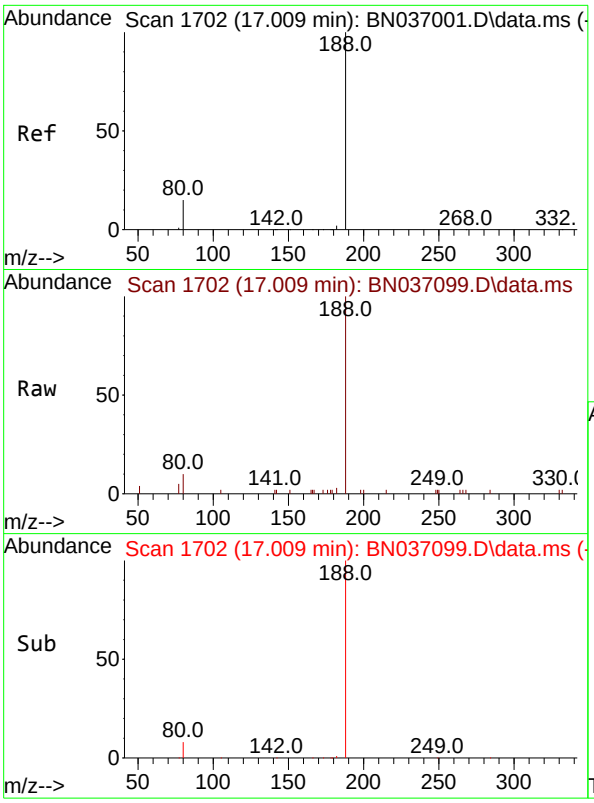


#18
Fluorene
Concen: 0.332 ng
RT: 15.314 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:166 Resp: 4071

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.6	120.8
167	13.8	10.6	16.0



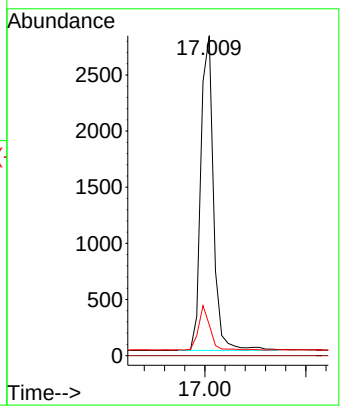


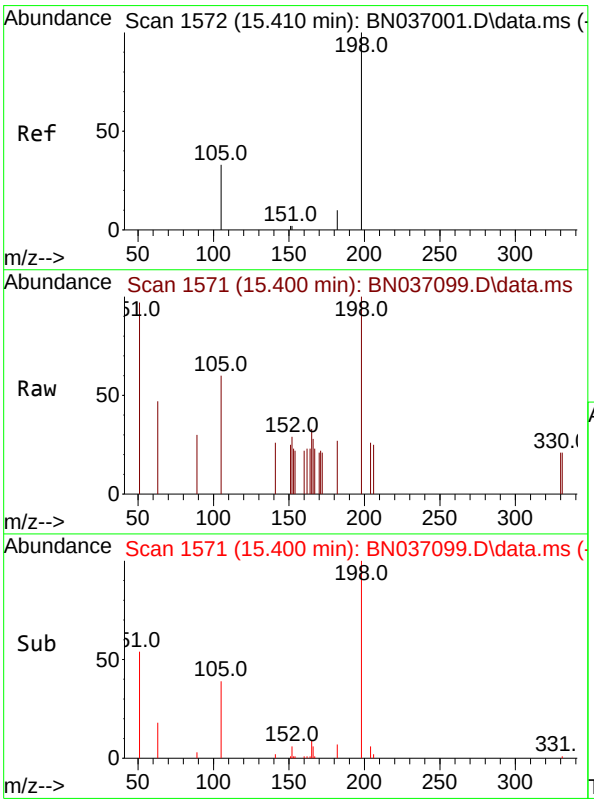
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:188 Resp: 4905

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	13.4	20.0#

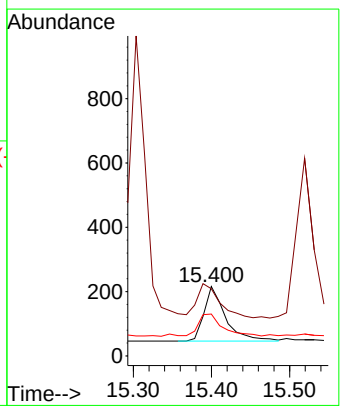


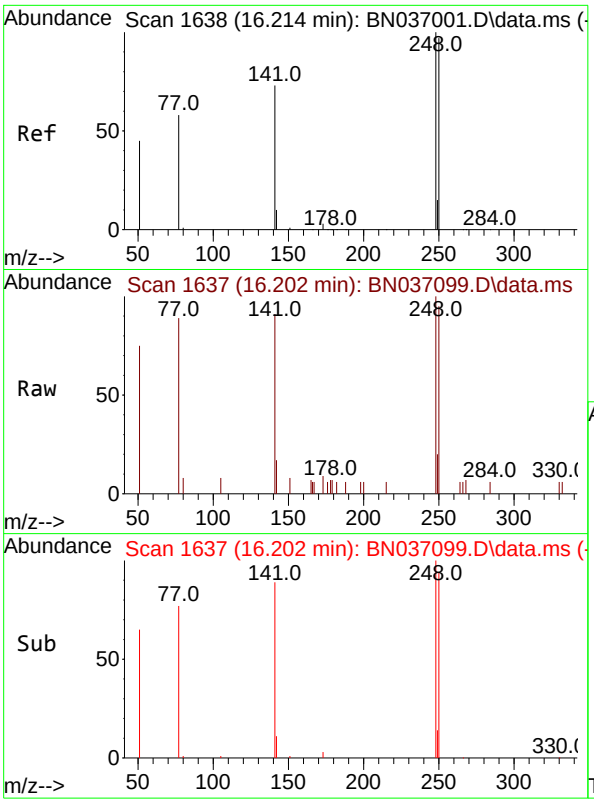


#20
4,6-Dinitro-2-methylphenol
Concen: 0.347 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.010 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:198 Resp: 324

Ion	Ratio	Lower	Upper
198	100		
51	96.8	87.8	131.6
105	60.2	44.2	66.4



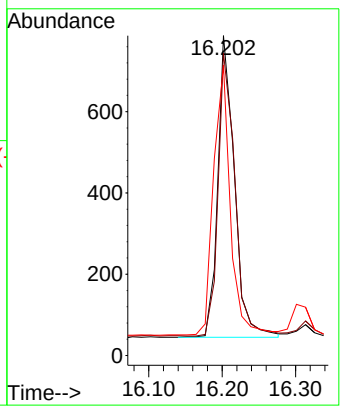


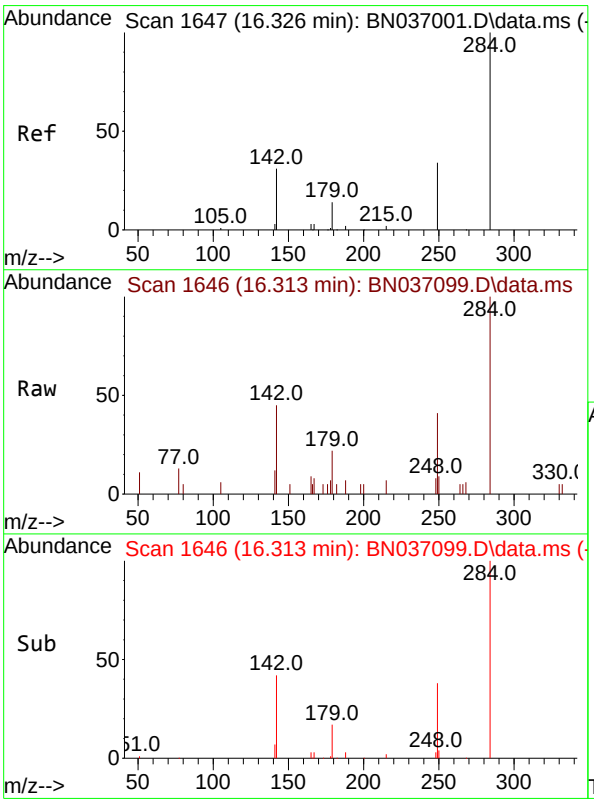
#21
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.202 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:248 Resp: 1167

Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.1	117.1
141	90.7	59.7	89.5#

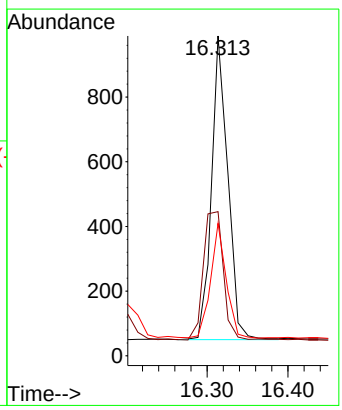


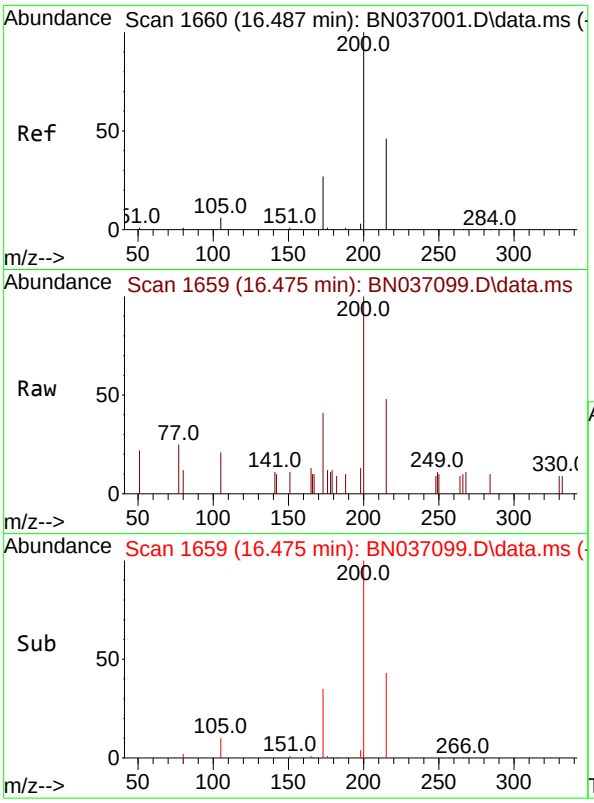


#22
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.313 min Scan# 1646
Delta R.T. -0.012 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:284 Resp: 1312

Ion	Ratio	Lower	Upper
284	100		
142	52.8	41.2	61.8
249	35.9	28.7	43.1



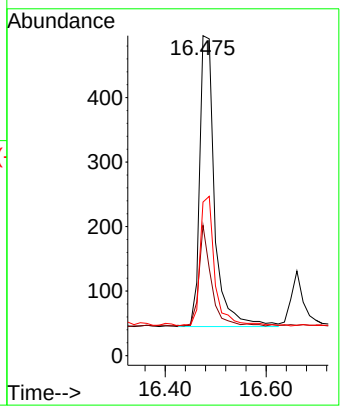


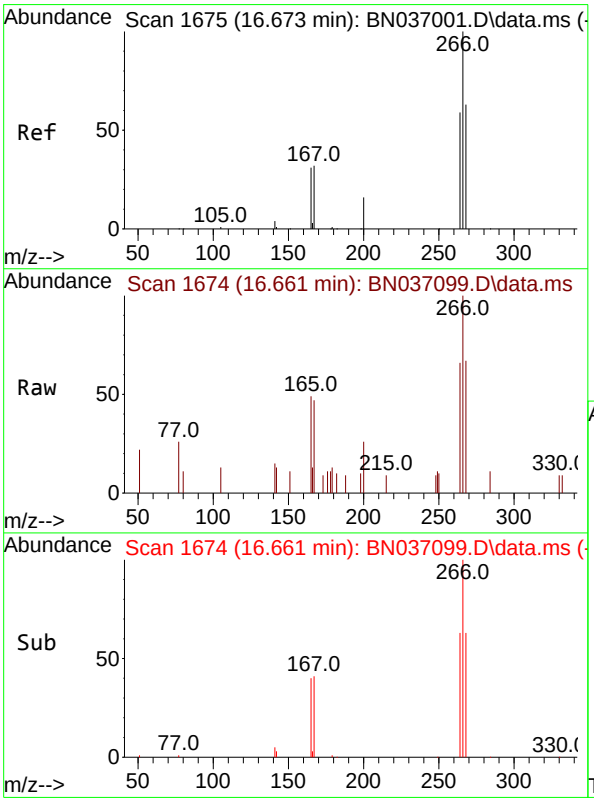
#23
Atrazine
Concen: 0.346 ng
RT: 16.475 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:200 Resp: 935

Ion	Ratio	Lower	Upper
200	100		
173	40.7	25.2	37.8#
215	48.0	39.3	58.9

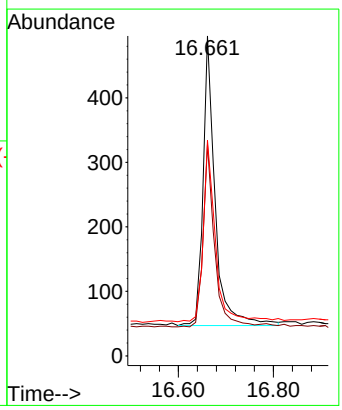


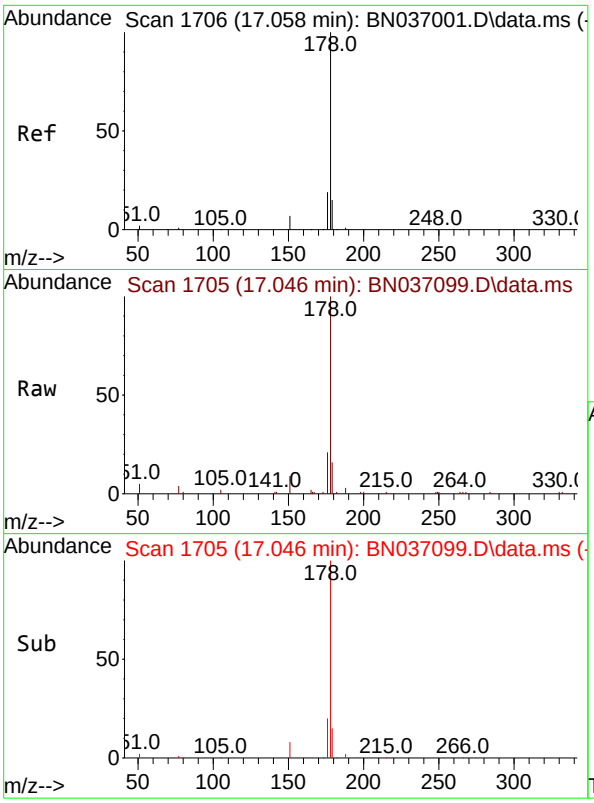


#24
Pentachlorophenol
Concen: 0.436 ng
RT: 16.661 min Scan# 1674
Delta R.T. -0.012 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:266 Resp: 797

Ion	Ratio	Lower	Upper
266	100		
264	59.1	47.9	71.9
268	63.1	50.0	75.0



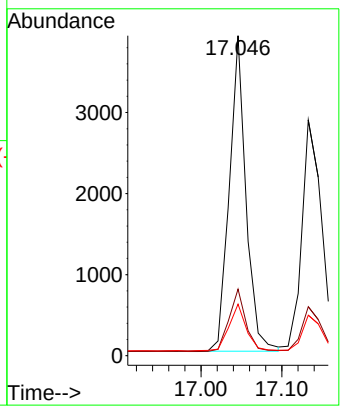


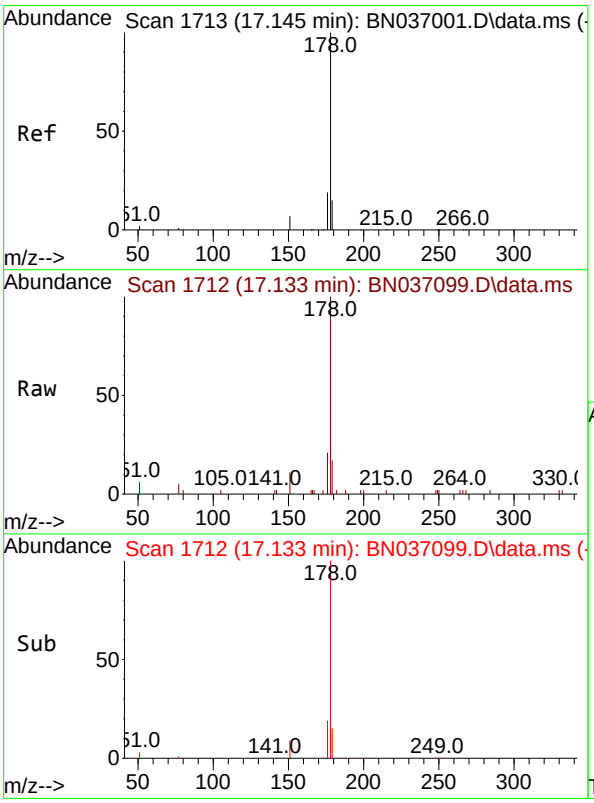
#25
Phenanthrene
Concen: 0.349 ng
RT: 17.046 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:178 Resp: 5590

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.6	12.2	18.2

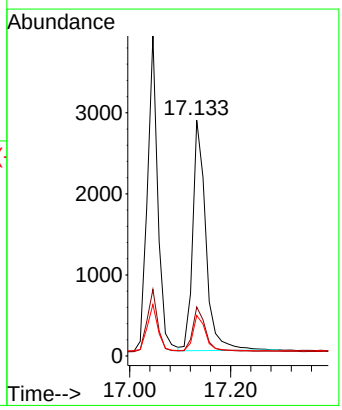


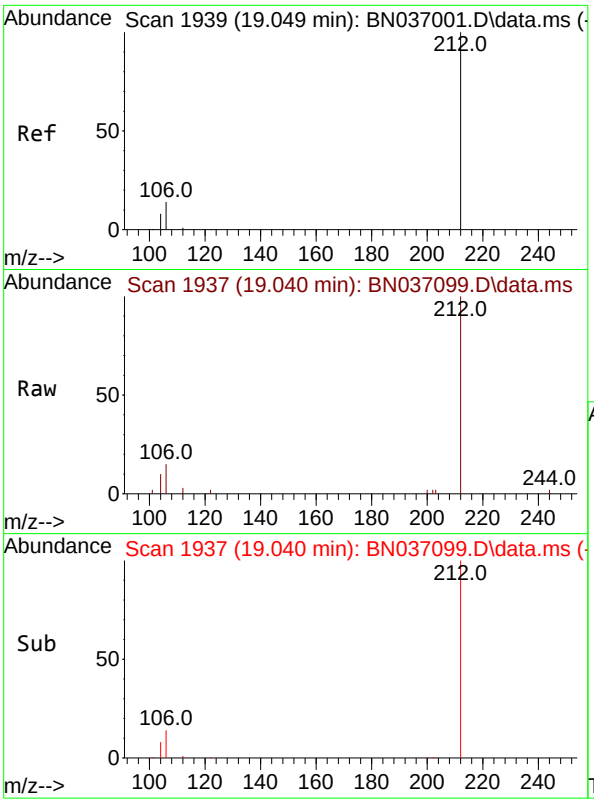


#26
Anthracene
Concen: 0.353 ng
RT: 17.133 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:178 Resp: 5144

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



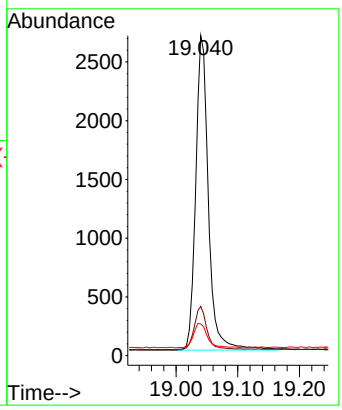


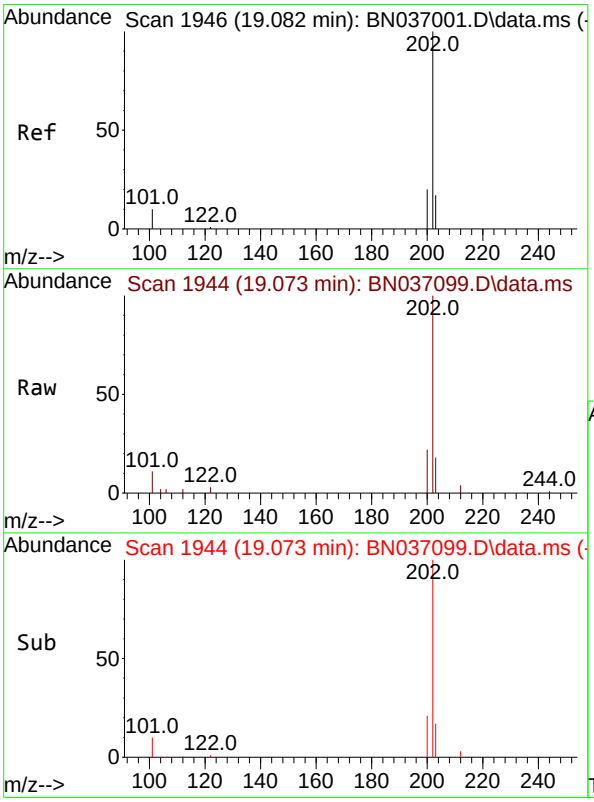
#27
Fluoranthene-d10
Concen: 0.286 ng
RT: 19.040 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:212 Resp: 3849

Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.3	16.9
104	8.3	6.7	10.1

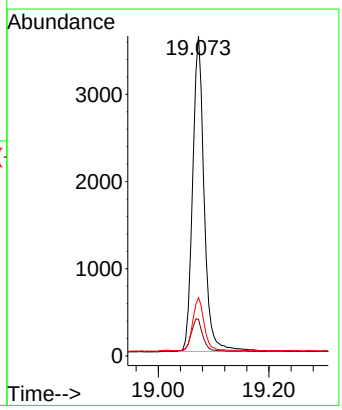


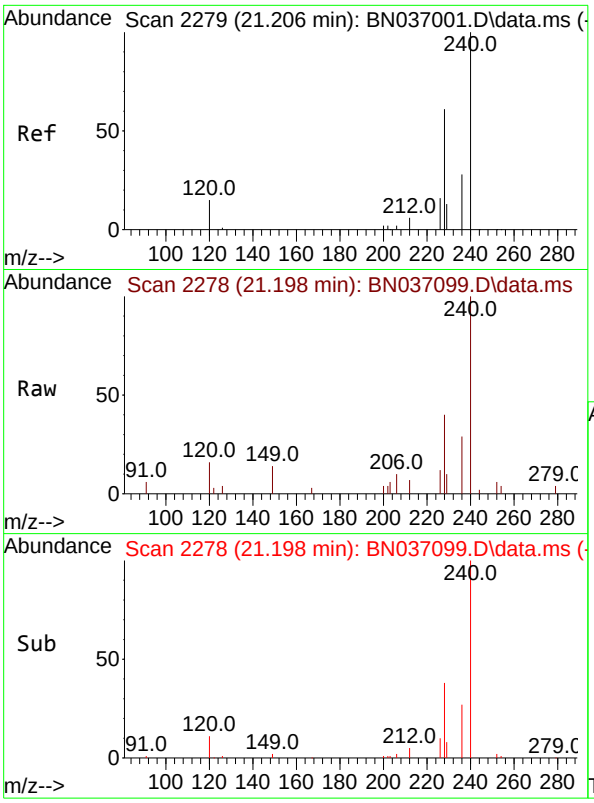


#28
Fluoranthene
Concen: 0.274 ng
RT: 19.073 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:202 Resp: 5242

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.9	13.3
203	16.9	13.8	20.8



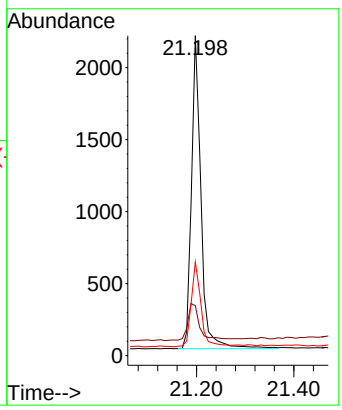


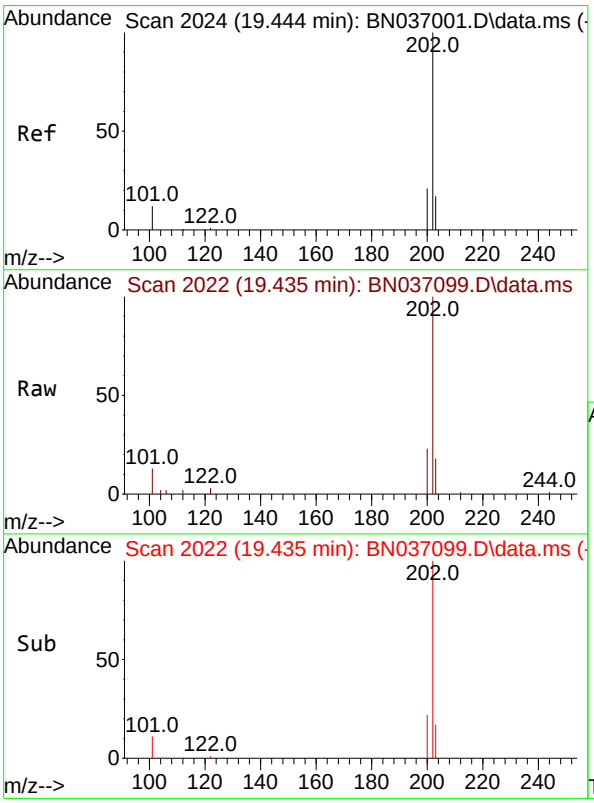
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:240 Resp: 2958

Ion	Ratio	Lower	Upper
240	100		
120	15.6	15.1	22.7
236	29.3	24.0	36.0

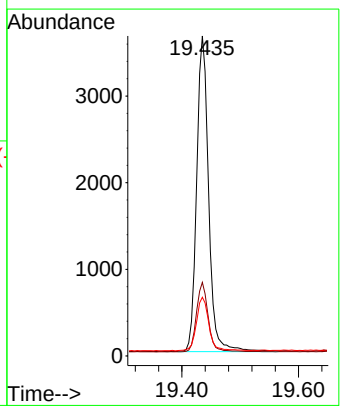


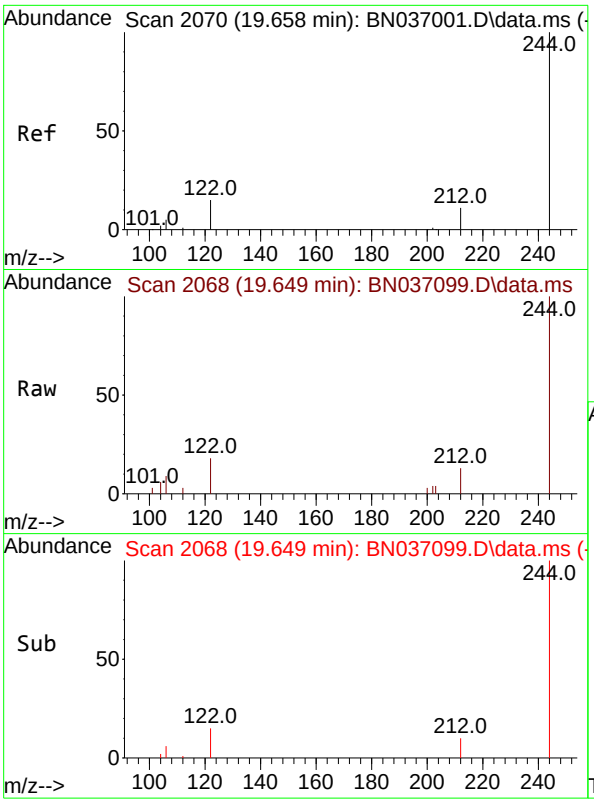


#30
Pyrene
Concen: 0.410 ng
RT: 19.435 min Scan# 2022
Delta R.T. -0.009 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:202 Resp: 5192

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.7	14.2	21.4



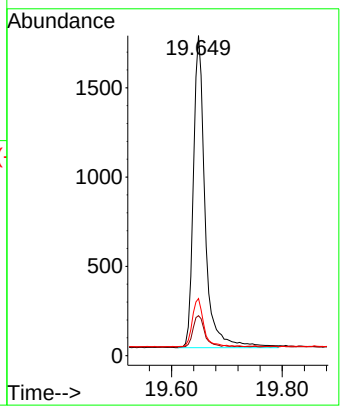


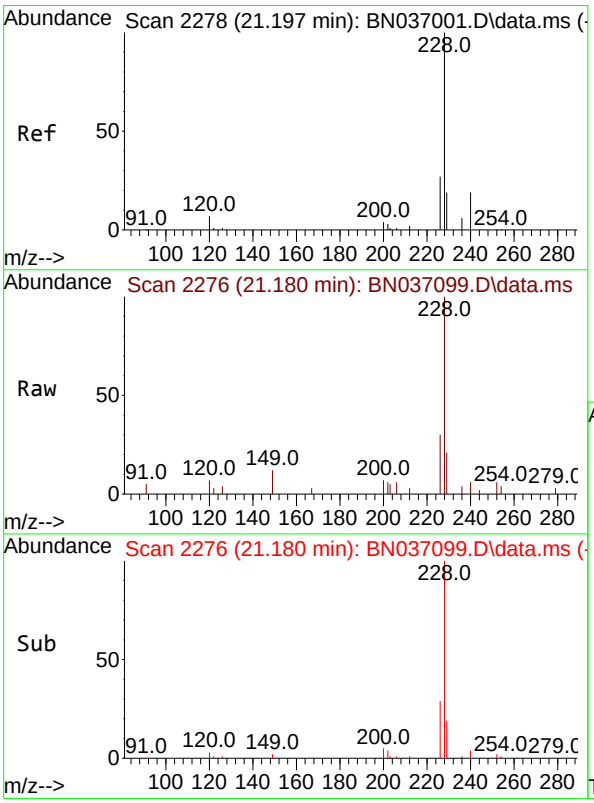
#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.649 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:244 Resp: 2577

Ion	Ratio	Lower	Upper
244	100		
212	12.5	9.7	14.5
122	17.9	13.4	20.0

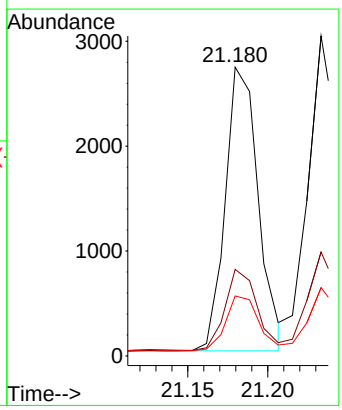


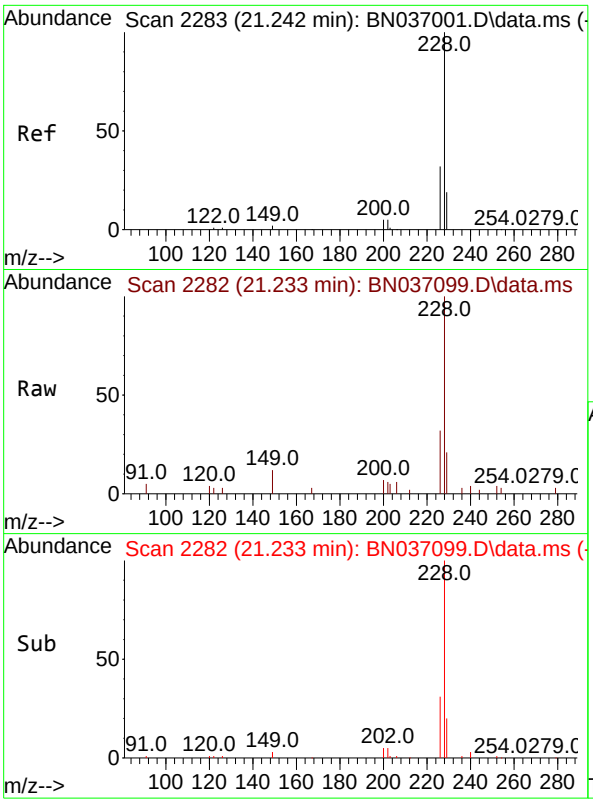


#32
Benzo(a)anthracene
Concen: 0.349 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.018 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:228 Resp: 3888

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.2	33.4
229	20.7	16.0	24.0



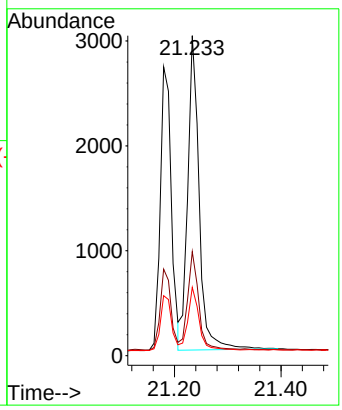


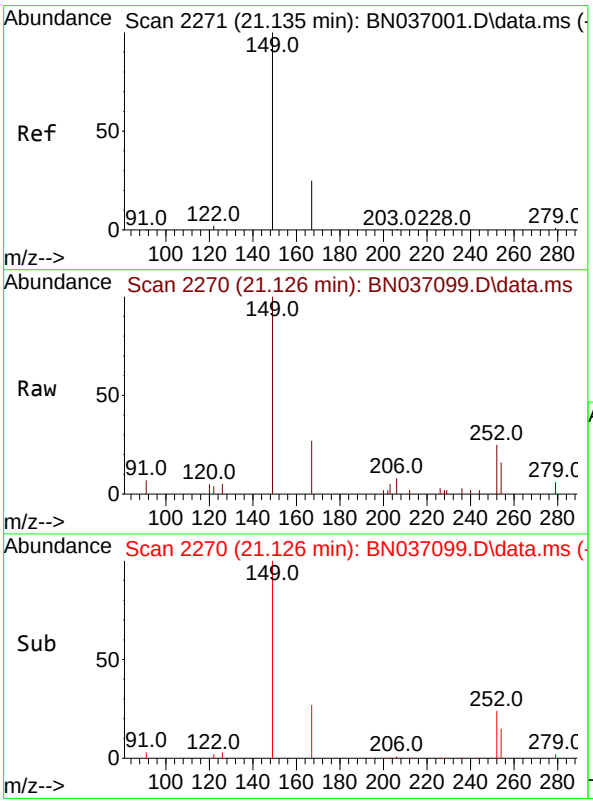
#33
Chrysene
Concen: 0.379 ng
RT: 21.233 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:228 Resp: 4470

Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.3	39.5
229	21.3	16.2	24.2

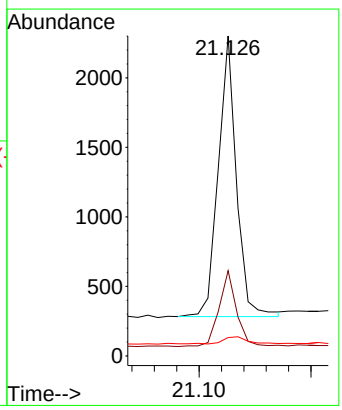


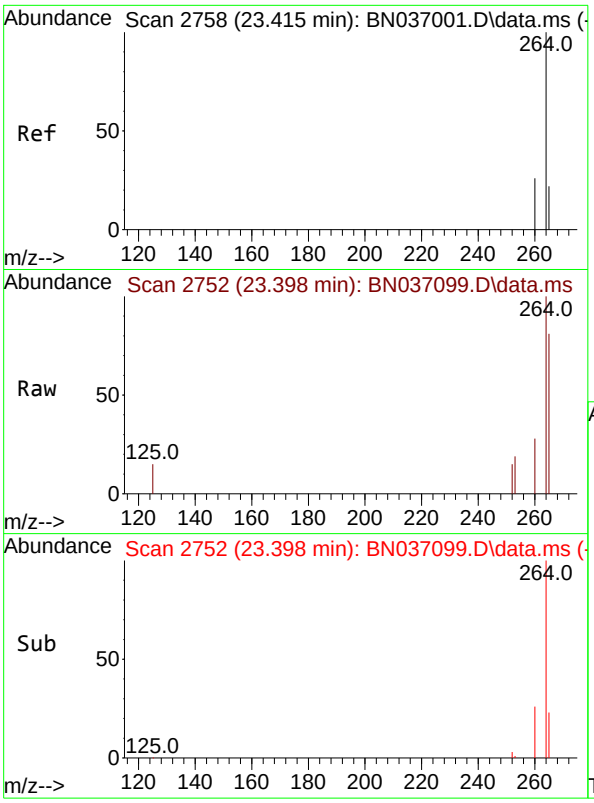


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.331 ng
RT: 21.126 min Scan# 2270
Delta R.T. -0.009 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:149 Resp: 2272

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.6	30.8
279	3.5	2.6	3.8



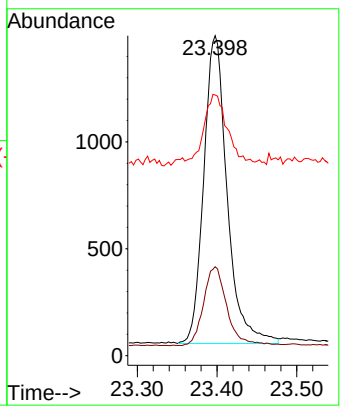


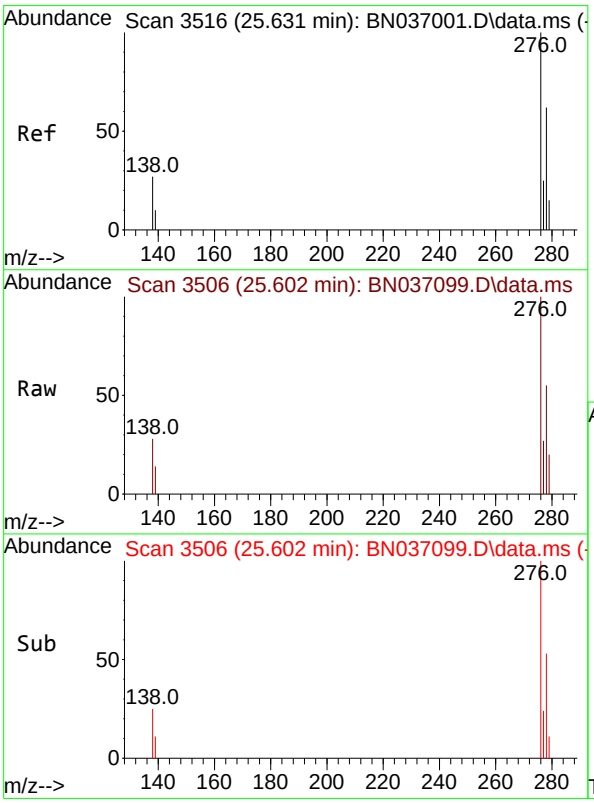
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.398 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:264 Resp: 2936

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.9	32.9
265	81.4	51.6	77.4#

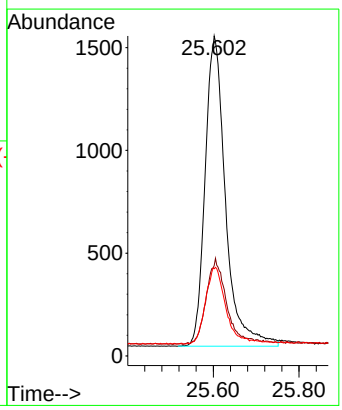


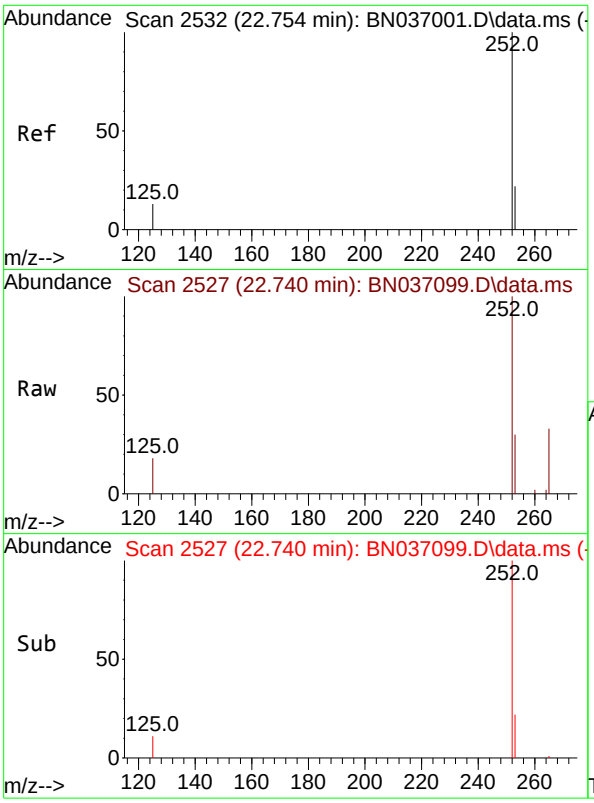


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng
RT: 25.602 min Scan# 3506
Delta R.T. -0.029 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:276 Resp: 4990

Ion	Ratio	Lower	Upper
276	100		
138	26.3	22.7	34.1
277	24.1	20.0	30.0



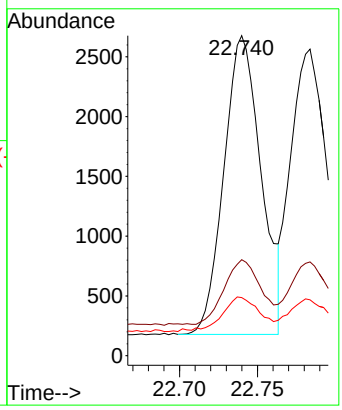


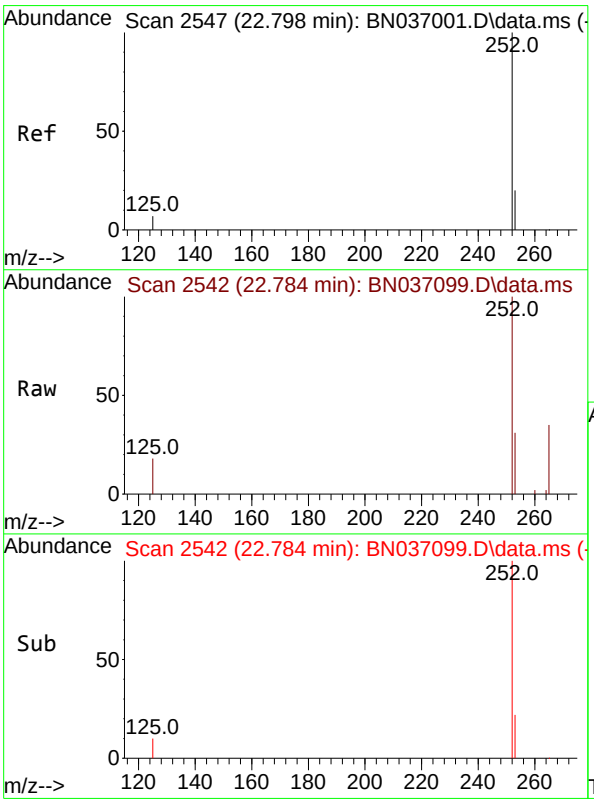
#37
Benzo(b)fluoranthene
Concen: 0.341 ng
RT: 22.740 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:252 Resp: 4158

Ion	Ratio	Lower	Upper
252	100		
253	30.0	21.8	32.6
125	18.2	14.6	21.8

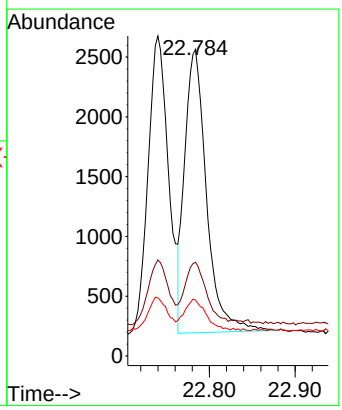


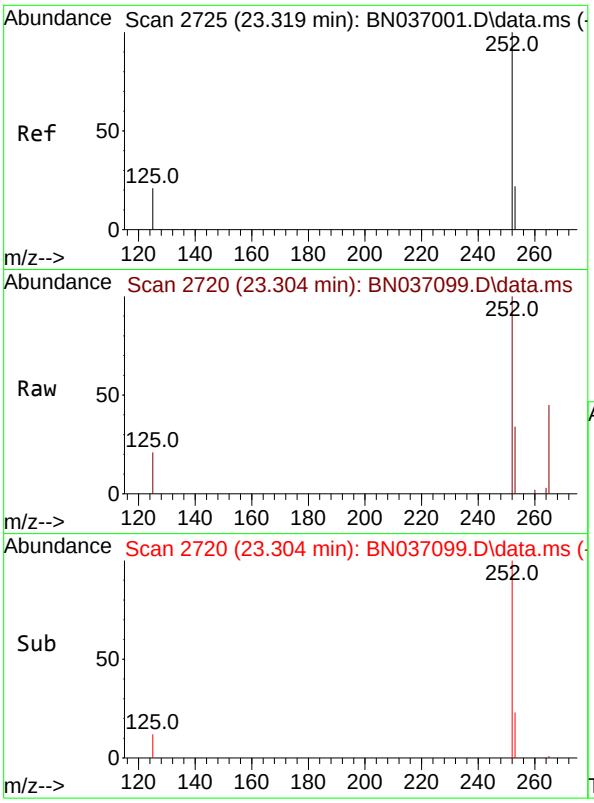


#38
Benzo(k)fluoranthene
Concen: 0.349 ng
RT: 22.784 min Scan# 2542
Delta R.T. -0.015 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:252 Resp: 4194

Ion	Ratio	Lower	Upper
252	100		
253	30.6	21.4	32.2
125	18.2	13.0	19.4



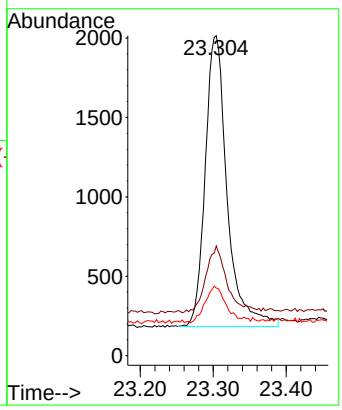


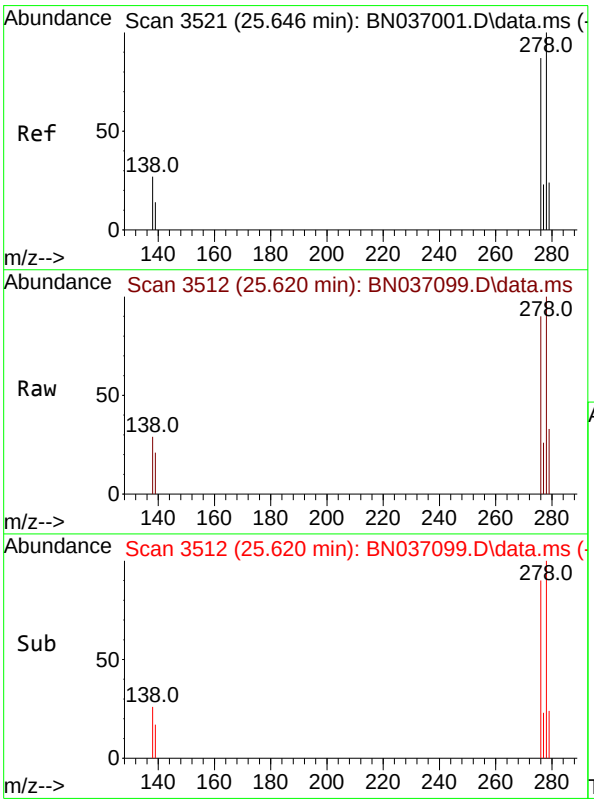
#39
Benzo(a)pyrene
Concen: 0.370 ng
RT: 23.304 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:252 Resp: 3827

Ion	Ratio	Lower	Upper
252	100		
253	34.3	23.8	35.6
125	21.2	21.8	32.6#

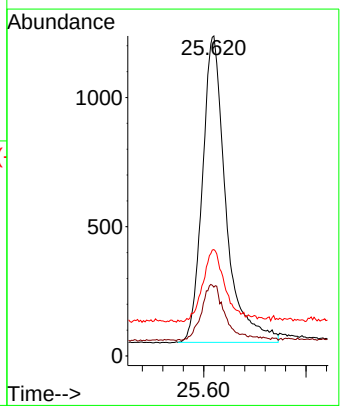


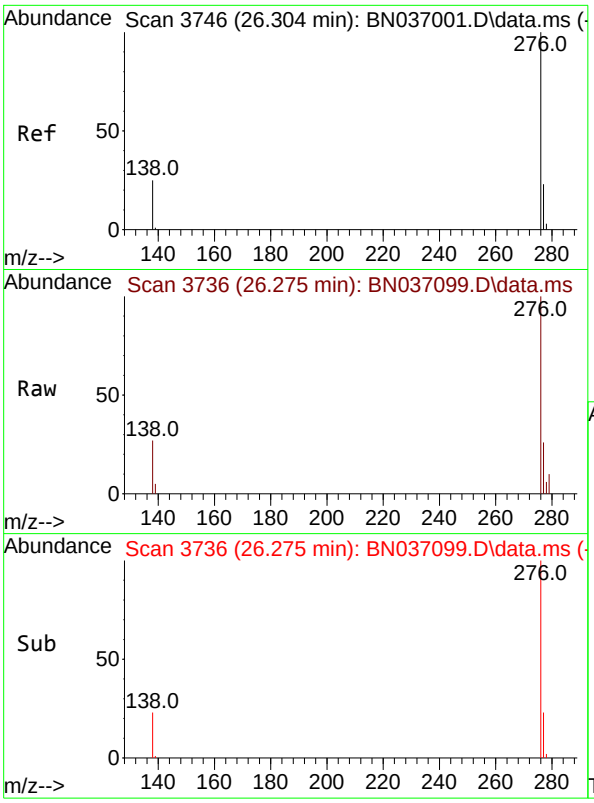


#40
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 25.620 min Scan# 3512
Delta R.T. -0.026 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Tgt Ion:278 Resp: 3774

Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.4	26.0
279	33.3	24.6	37.0





#41
Benzo(g,h,i)perylene
Concen: 0.421 ng
RT: 26.275 min Scan# 3
Delta R.T. -0.029 min
Lab File: BN037099.D
Acq: 27 May 2025 22:24

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Tgt Ion:276 Resp: 4270

Ion	Ratio	Lower	Upper
276	100		
277	26.4	20.2	30.4
138	26.7	22.0	33.0