Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037809.D
Acq On : 19 Sep 2025 11:50
Operator : RC/JU
Sample : Q3127-14MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 19 12:26:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.832	152	5852	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	15625	0.400	ng		#-0.01
13) Acenaphthene-d10	14.483	164	7051	0.400	ng		-0.01
19) Phenanthrene-d10	17.223	188	12911	0.400	ng		-0.01
29) Chrysene-d12	21.411	240	12021	0.400	ng		0.00
35) Perylene-d12	23.741	264	11515	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.391	112	1931	0.144	ng		0.00
5) Phenol-d6	6.980	99	1477	0.085	ng		0.00
8) Nitrobenzene-d5	8.982	82	4025	0.352	ng		-0.01
11) 2-Methylnaphthalene-d10	12.227	152	7034	0.340	ng		-0.02
14) 2,4,6-Tribromophenol	15.969	330	835	0.454	ng		-0.01
15) 2-Fluorobiphenyl	13.104	172	10370	0.352	ng		-0.01
27) Fluoranthene-d10	19.261	212	12452	0.384	ng		0.00
31) Terphenyl-d14	19.861	244	9852	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	2519	0.413	ng	#	88
3) n-Nitrosodimethylamine	3.607	42	1030	0.129	ng	#	86
6) bis(2-Chloroethyl)ether	7.247	93	5324	0.342	ng		100
9) Naphthalene	10.679	128	14111	0.330	ng		100
10) Hexachlorobutadiene	10.989	225	2383	0.308	ng	#	100
12) 2-Methylnaphthalene	12.303	142	7893	0.299	ng		100
16) Acenaphthylene	14.195	152	11822	0.366	ng		99
17) Acenaphthene	14.548	154	7550	0.345	ng		99
18) Fluorene	15.522	166	10236	0.387	ng		100
20) 4,6-Dinitro-2-methylph...	15.597	198	478	0.400	ng		94
21) 4-Bromophenyl-phenylether	16.428	248	2963	0.352	ng		99
22) Hexachlorobenzene	16.540	284	3549	0.366	ng		98
23) Atrazine	16.689	200	2033	0.380	ng		95
24) Pentachlorophenol	16.875	266	2175	0.774	ng		96
25) Phenanthrene	17.272	178	15526	0.382	ng		100
26) Anthracene	17.359	178	13174	0.366	ng		99
28) Fluoranthene	19.289	202	17140	0.384	ng	#	95
30) Pyrene	19.652	202	17451	0.371	ng		99
32) Benzo(a)anthracene	21.393	228	16723	0.399	ng		100
33) Chrysene	21.447	228	17844	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.330	149	6260	0.504	ng		97
36) Indeno(1,2,3-cd)pyrene	26.121	276	18885	0.390	ng		99
37) Benzo(b)fluoranthene	23.037	252	18300	0.404	ng		97
38) Benzo(k)fluoranthene	23.080	252	18144	0.392	ng		98
39) Benzo(a)pyrene	23.636	252	14555	0.401	ng		98
40) Dibenzo(a,h)anthracene	26.141	278	15061	0.390	ng		98
41) Benzo(g,h,i)perylene	26.846	276	14961	0.345	ng		97

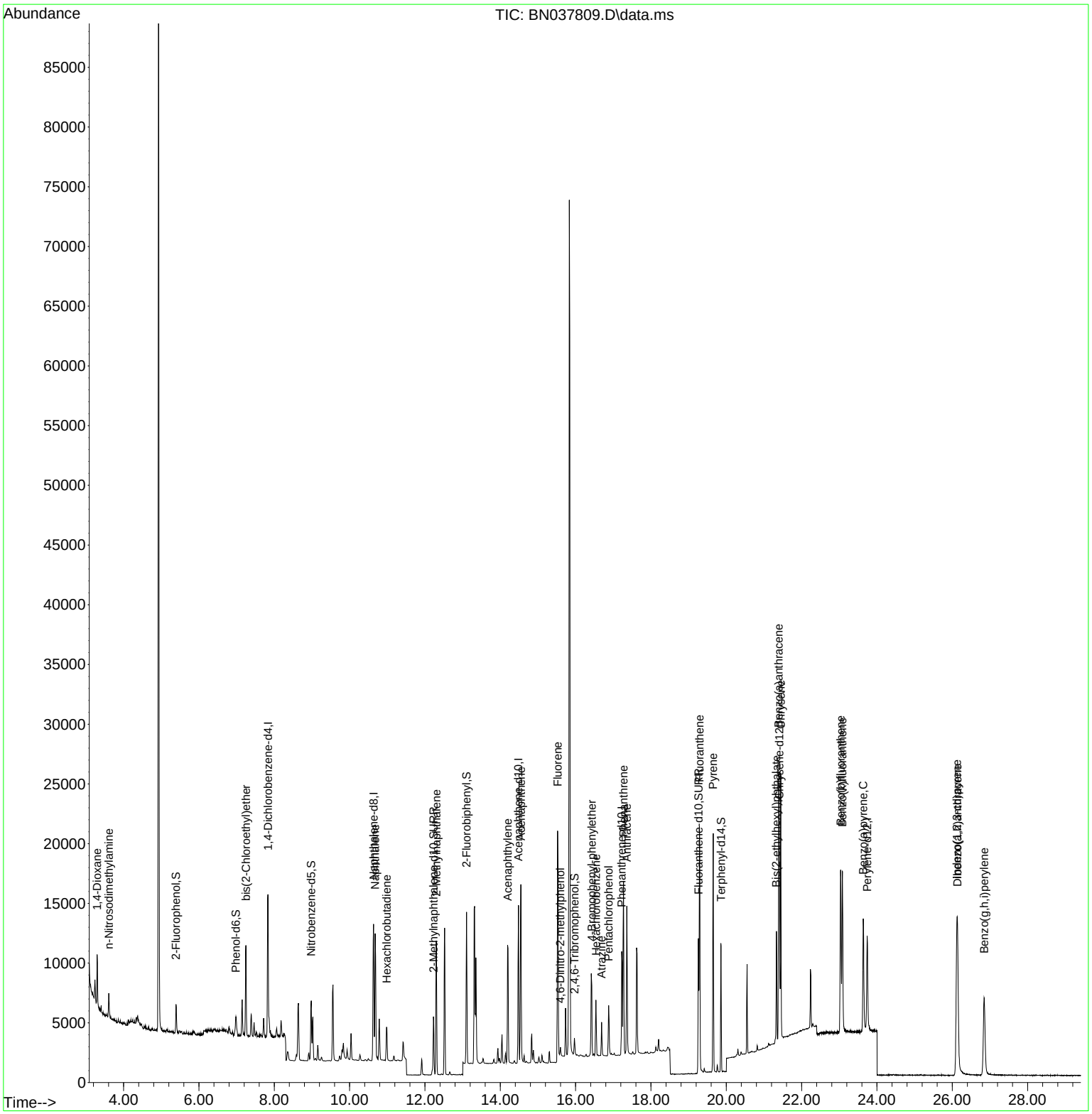
(#) = qualifier out of range (m) = manual integration (+) = signals summed

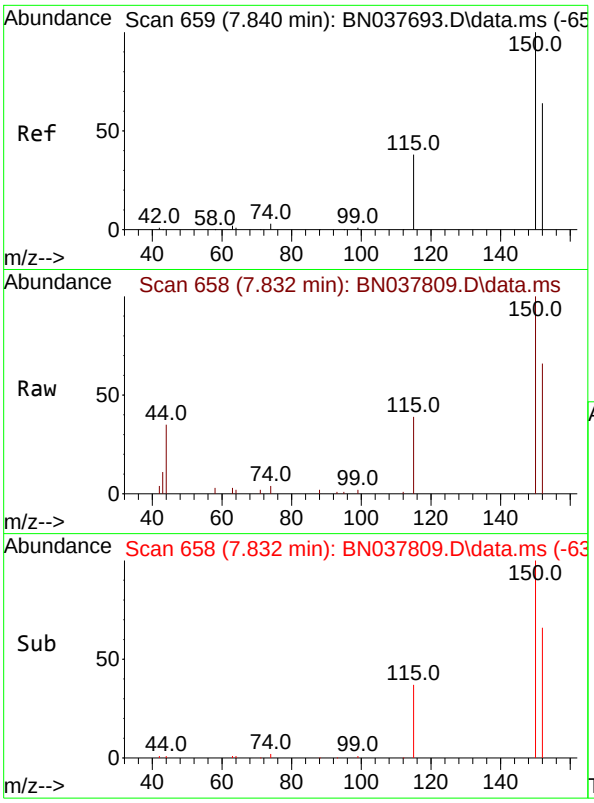
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037809.D
Acq On : 19 Sep 2025 11:50
Operator : RC/JU
Sample : Q3127-14MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 19 12:26:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



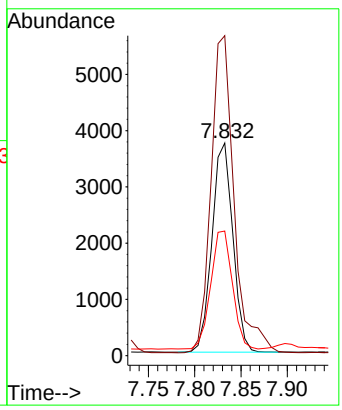


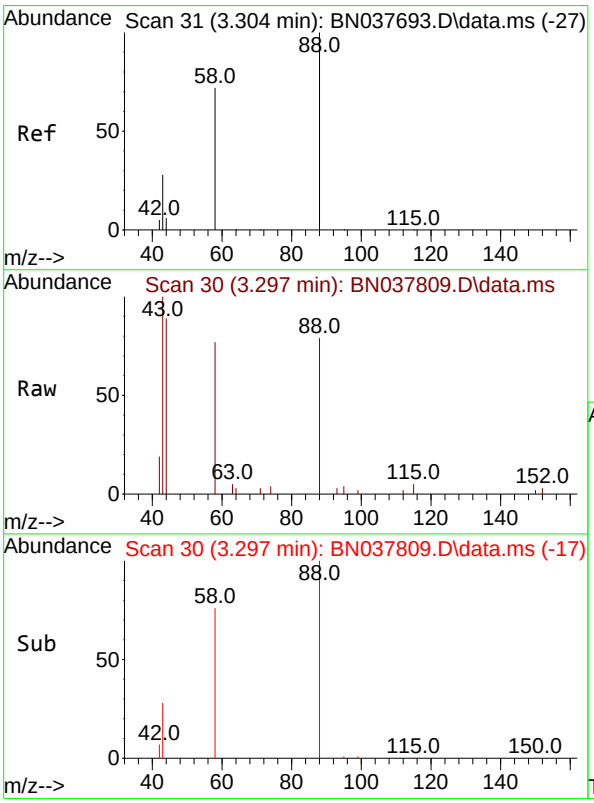
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5852

Ion	Ratio	Lower	Upper
152	100		
150	150.5	124.5	186.7
115	58.7	49.2	73.8

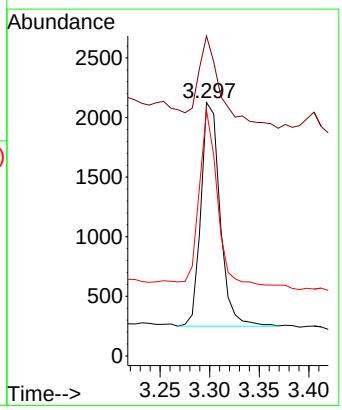


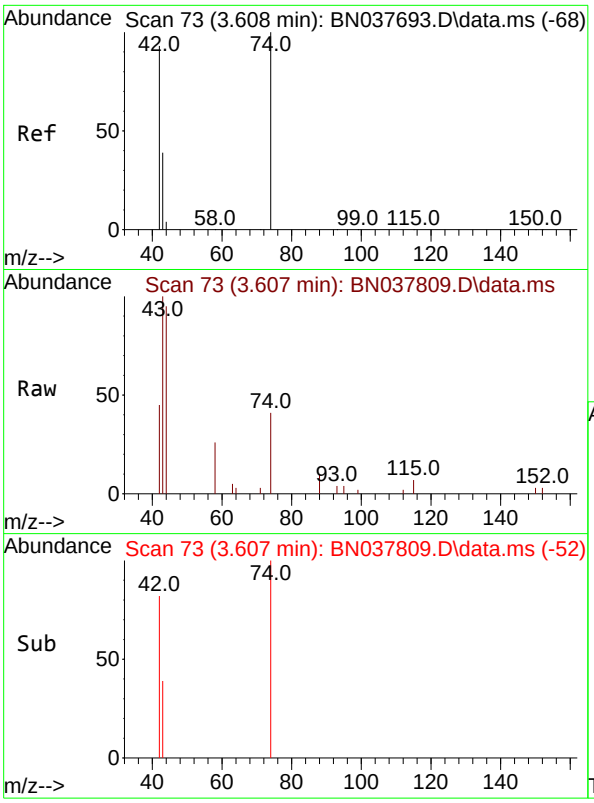


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion: 88 Resp: 2519

Ion	Ratio	Lower	Upper
88	100		
43	48.7	26.8	40.2#
58	72.2	61.9	92.9



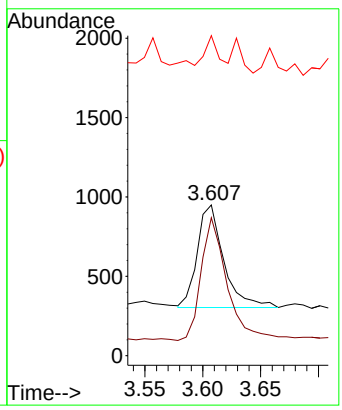


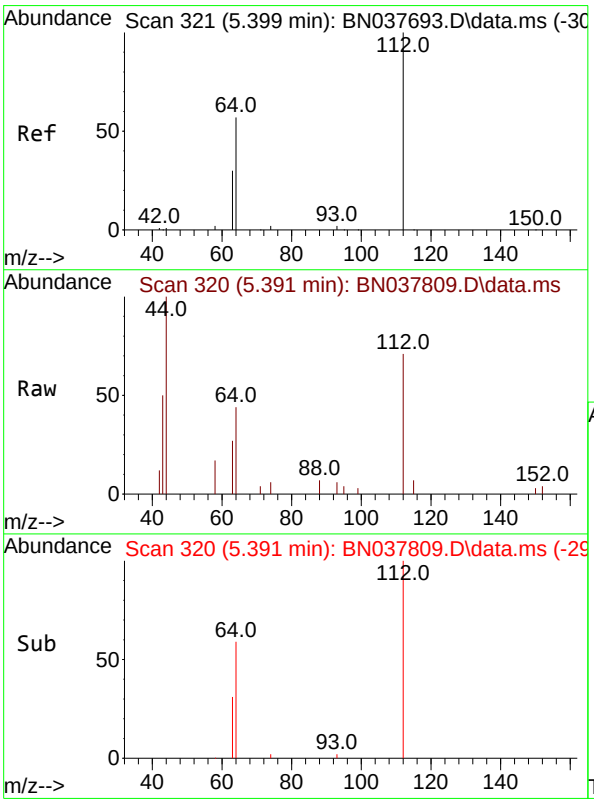
#3
n-Nitrosodimethylamine
Concen: 0.129 ng
RT: 3.607 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1030

Ion	Ratio	Lower	Upper
42	100		
74	122.8	86.0	129.0
44	13.6	8.4	12.6#

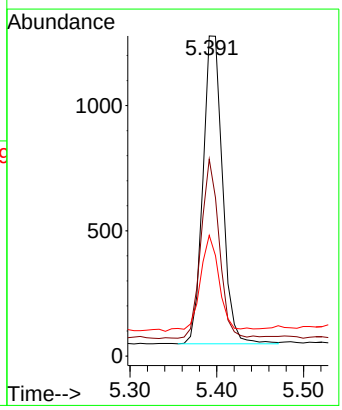


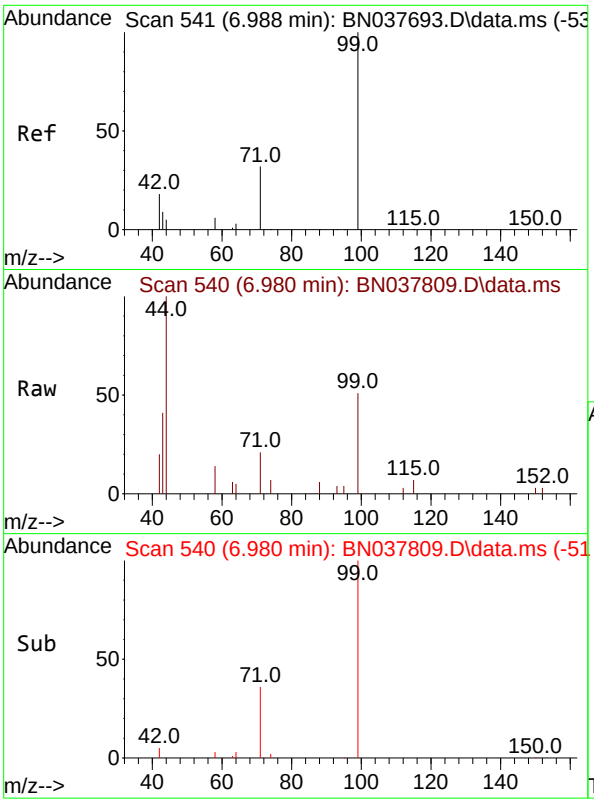


#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.391 min Scan# 320
Delta R.T. -0.008 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:112 Resp: 1931

Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.9	67.3
63	30.0	24.7	37.1



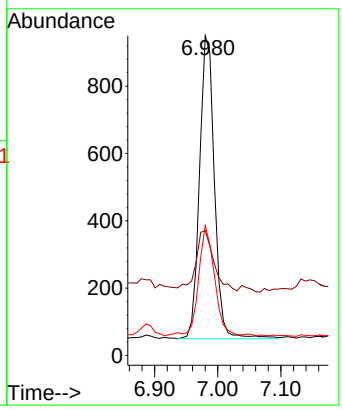


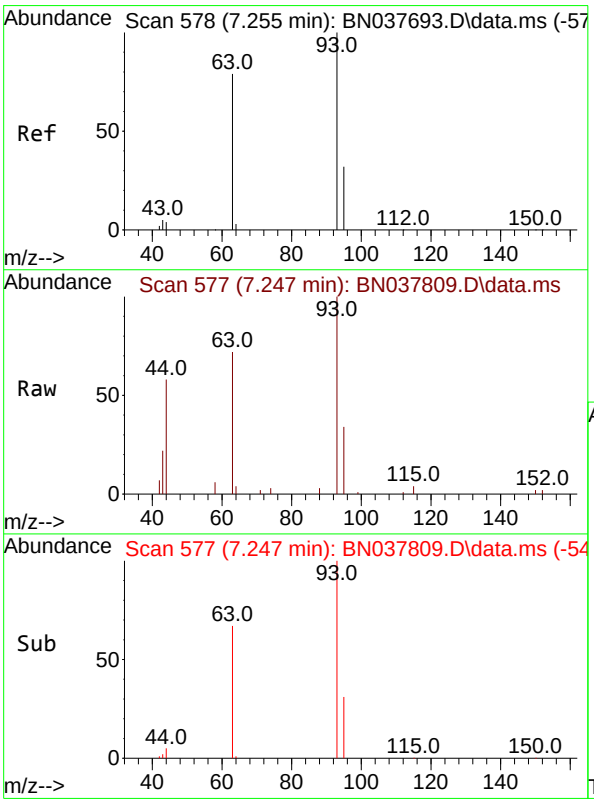
#5
Phenol-d6
Concen: 0.085 ng
RT: 6.980 min Scan# 54
Delta R.T. -0.008 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1477

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.6	24.8
71	38.5	26.7	40.1

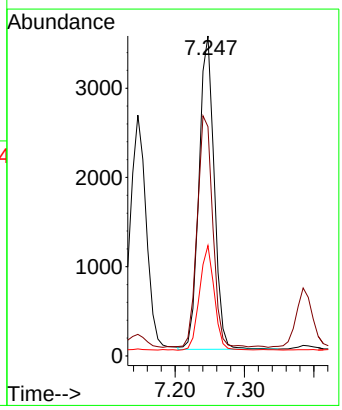


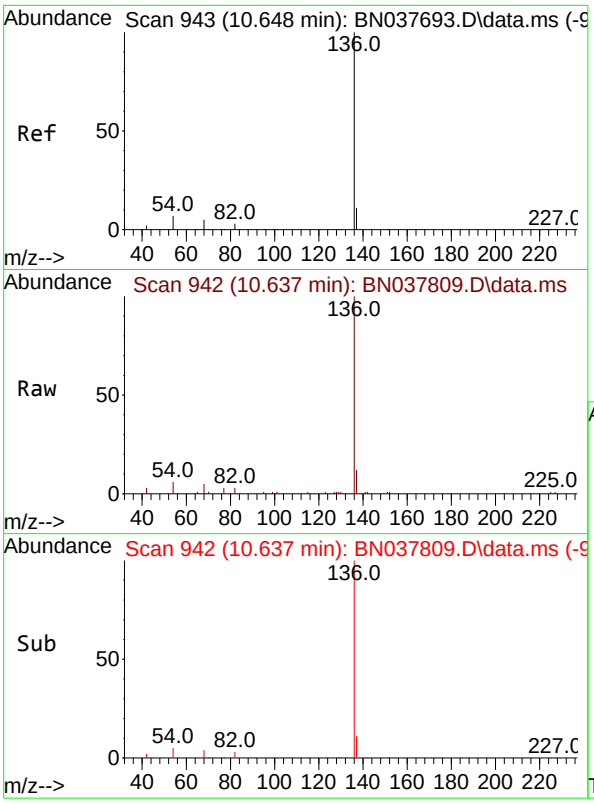


#6
bis(2-Chloroethyl)ether
Concen: 0.342 ng
RT: 7.247 min Scan# 577
Delta R.T. -0.008 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion: 93 Resp: 5324

Ion	Ratio	Lower	Upper
93	100		
63	75.8	60.6	90.8
95	32.5	26.0	39.0



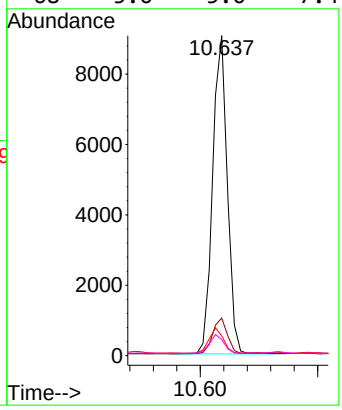


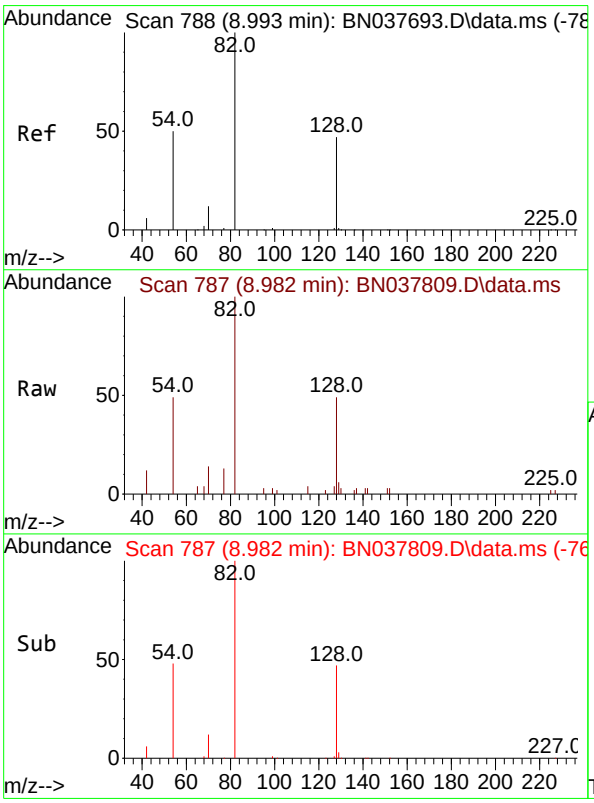
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 15625

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	6.2	6.3	9.5#
68	5.0	5.0	7.4

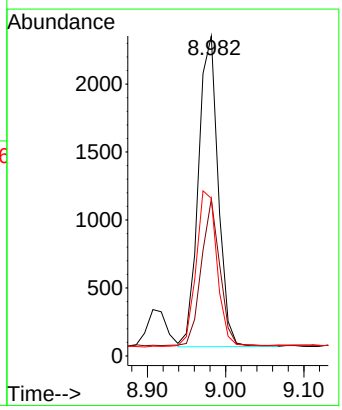


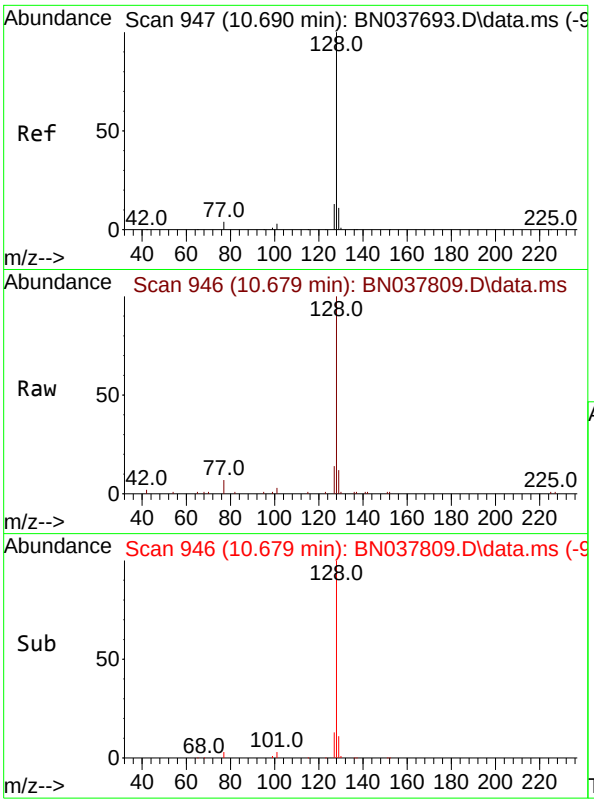


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion: 82 Resp: 4025

Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.3	57.5
54	49.2	41.4	62.2



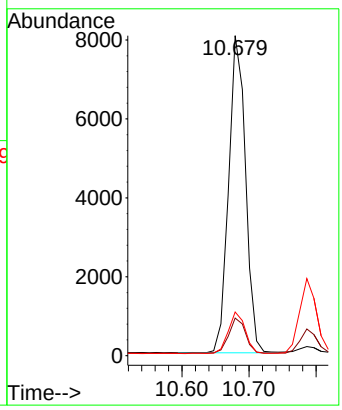


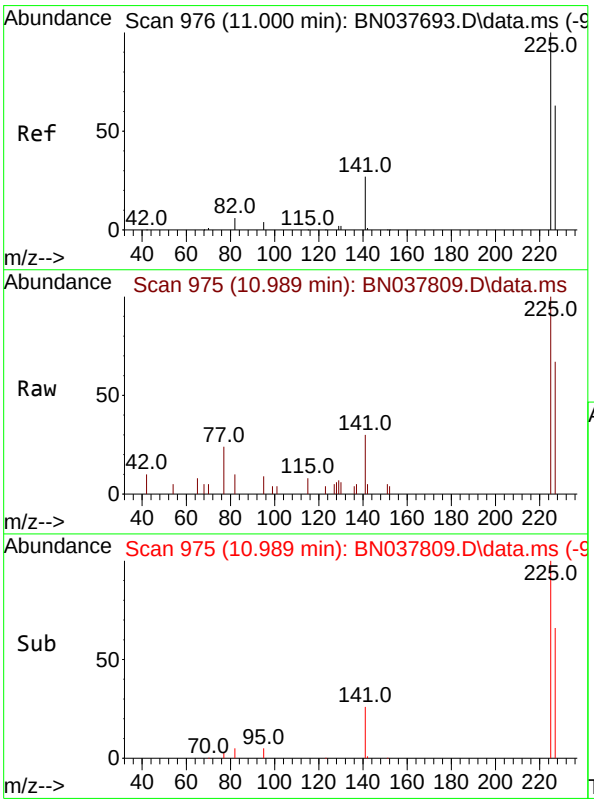
#9
Naphthalene
Concen: 0.330 ng
RT: 10.679 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 14111

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.6	10.9	16.3

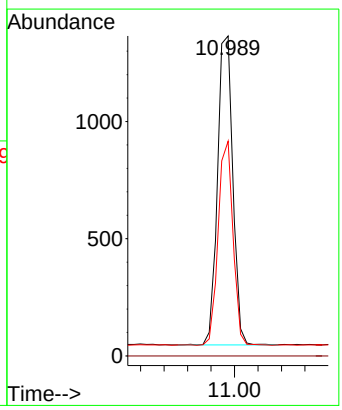


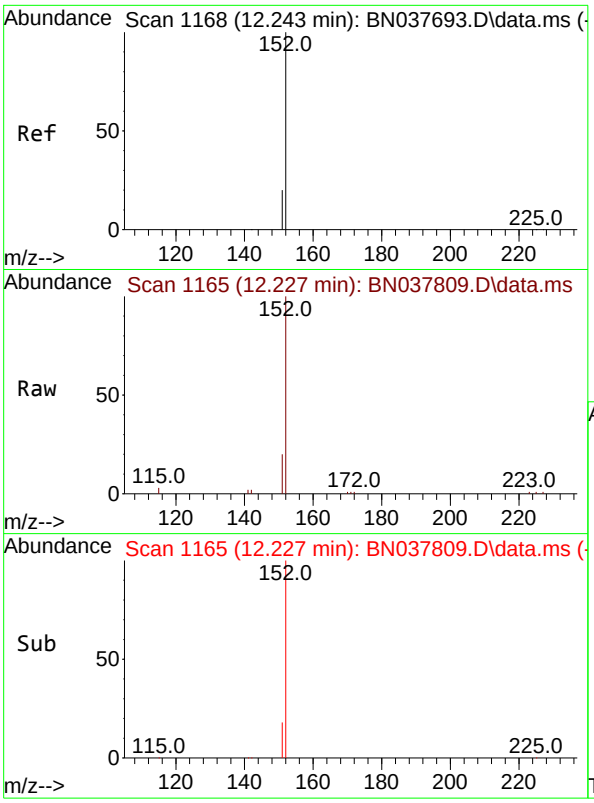


#10
Hexachlorobutadiene
Concen: 0.308 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:225 Resp: 2383

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.9	76.3



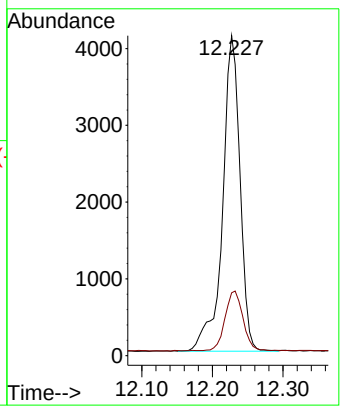


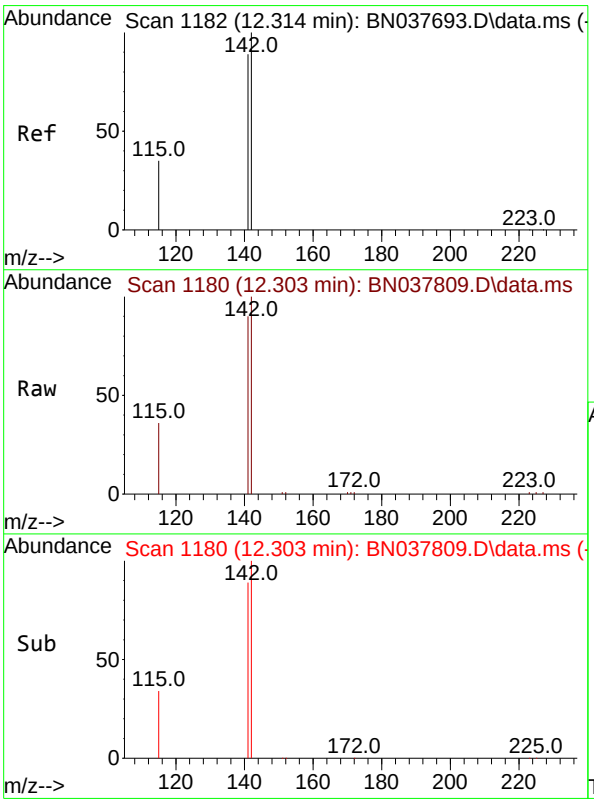
#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.227 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7034

Ion	Ratio	Lower	Upper
152	100		
151	19.2	17.0	25.6

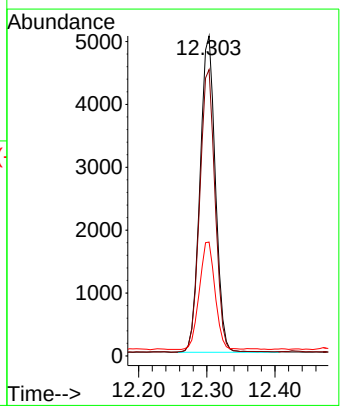


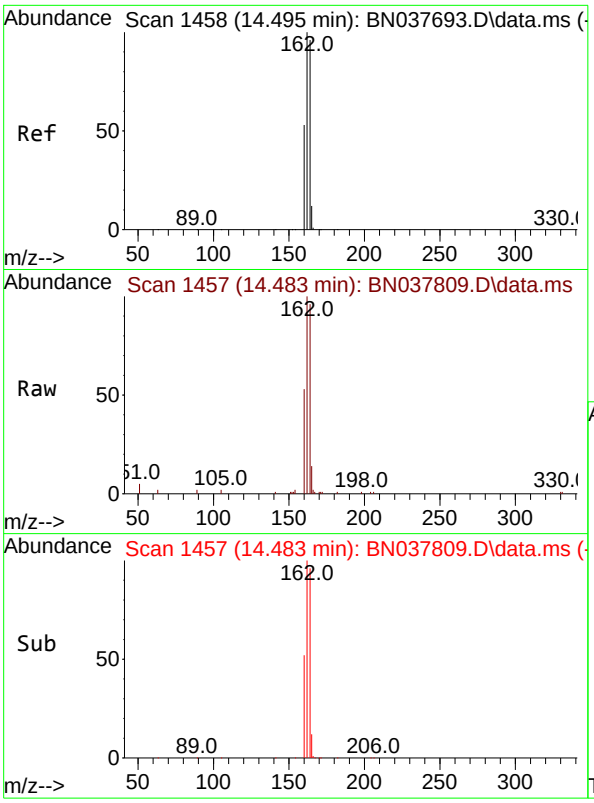


#12
2-Methylnaphthalene
Concen: 0.299 ng
RT: 12.303 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:142 Resp: 7893

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	35.6	28.6	43.0



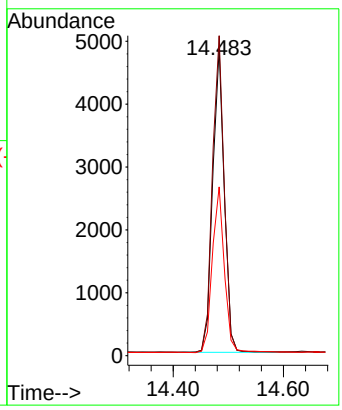


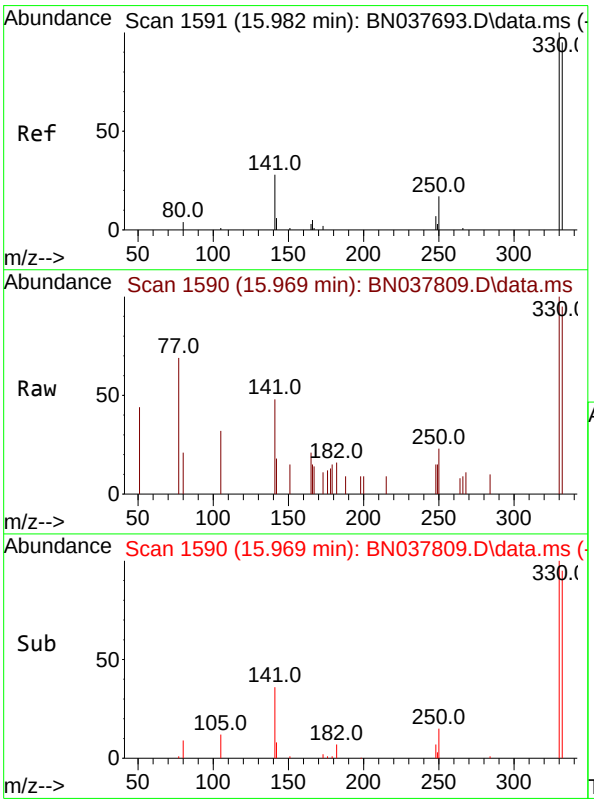
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.483 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7051

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.1	124.7
160	55.0	44.3	66.5

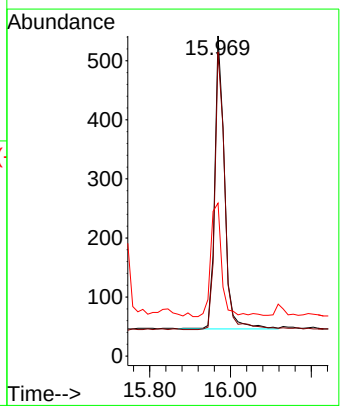


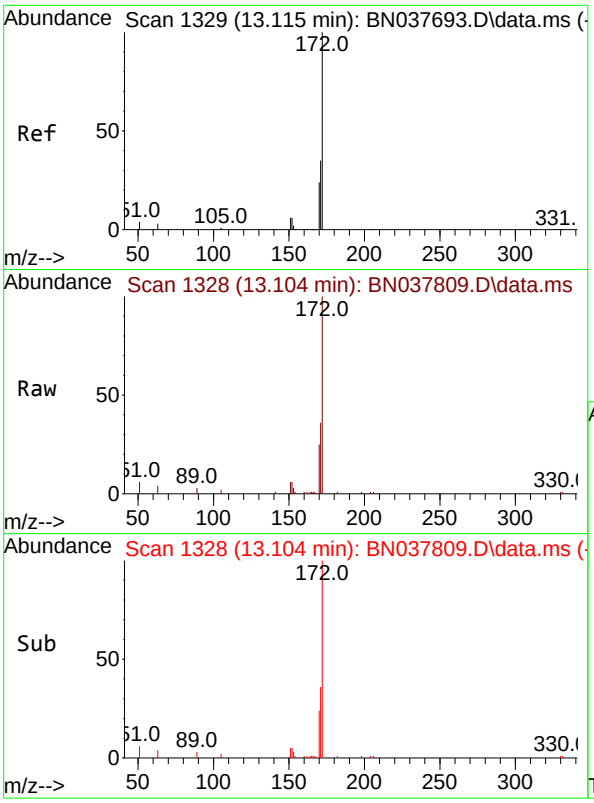


#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:330 Resp: 835

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.3	112.9
141	43.2	35.0	52.4



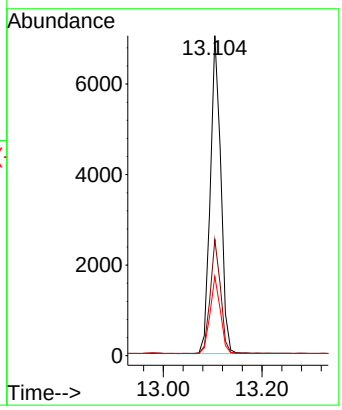


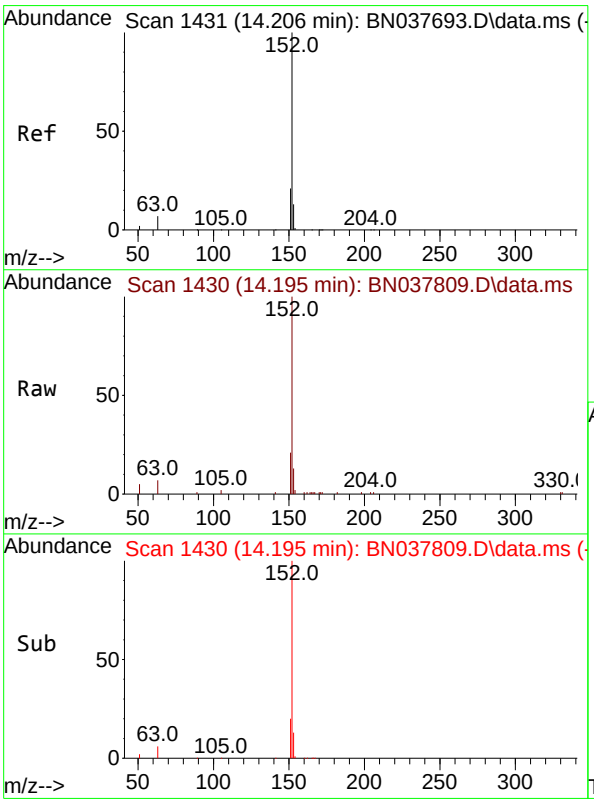
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.104 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10370

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.8	19.8	29.8

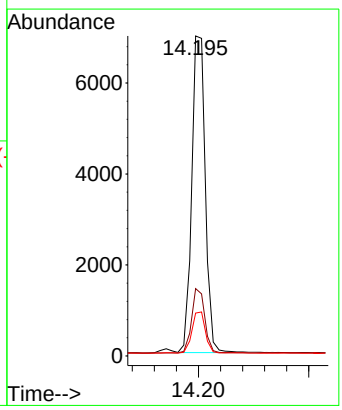


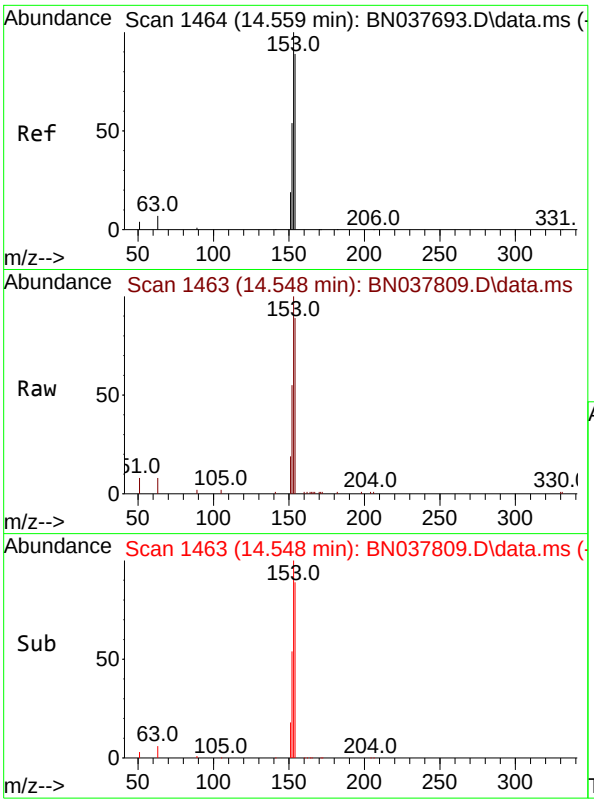


#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.195 min Scan# 1430
Delta R.T. -0.011 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:152 Resp: 11822

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.4	10.4	15.6



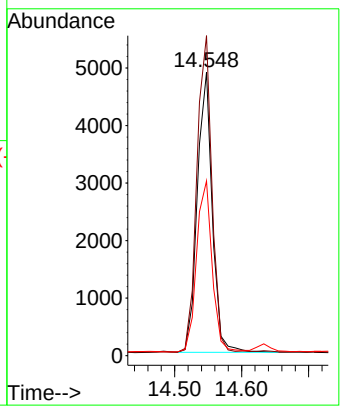


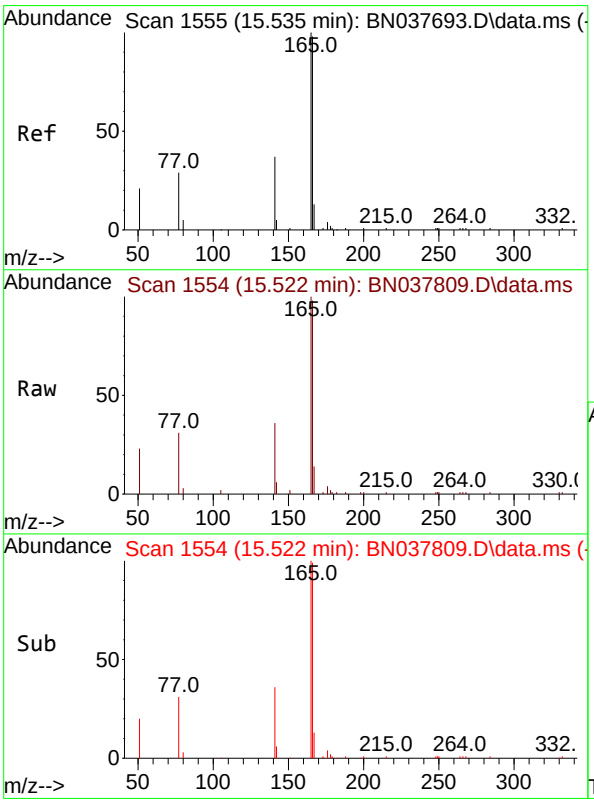
#17
Acenaphthene
Concen: 0.345 ng
RT: 14.548 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 7550

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.8	134.8
152	63.1	50.2	75.2

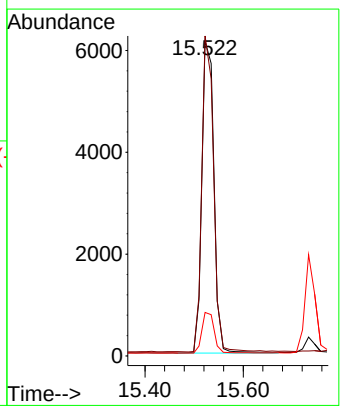


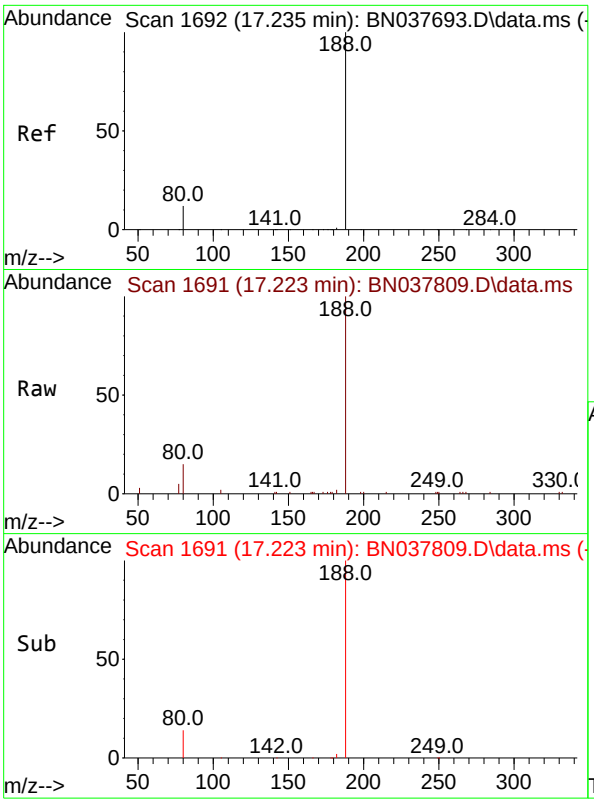


#18
Fluorene
Concen: 0.387 ng
RT: 15.522 min Scan# 1554
Delta R.T. -0.013 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:166 Resp: 10236

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.6	119.4
167	13.5	10.6	16.0



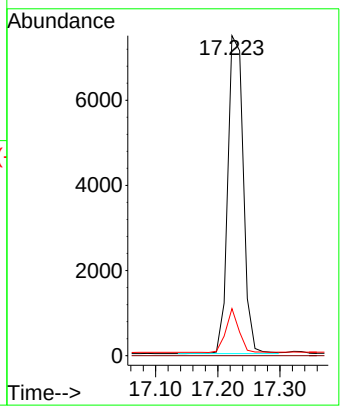


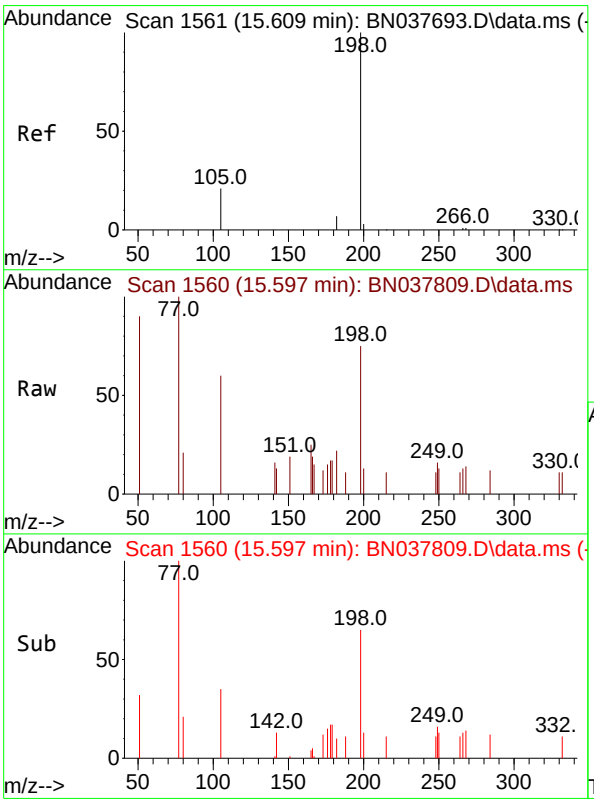
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 12911

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	10.6	15.8

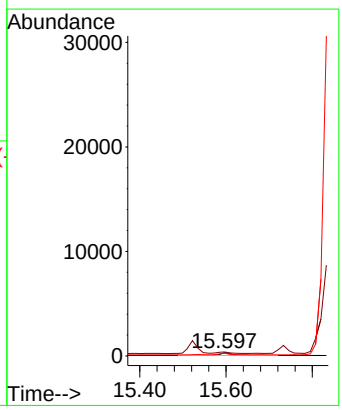


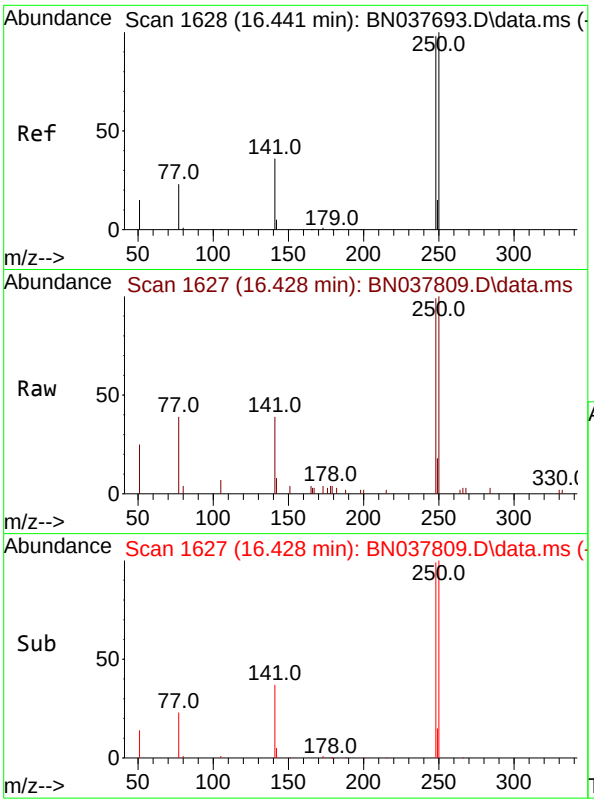


#20
4,6-Dinitro-2-methylphenol
Concen: 0.400 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:198 Resp: 478

Ion	Ratio	Lower	Upper
198	100		
51	119.6	95.1	142.7
105	79.2	53.8	80.6



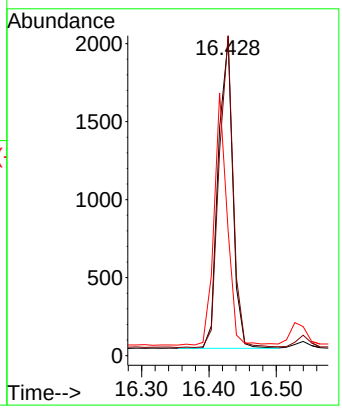


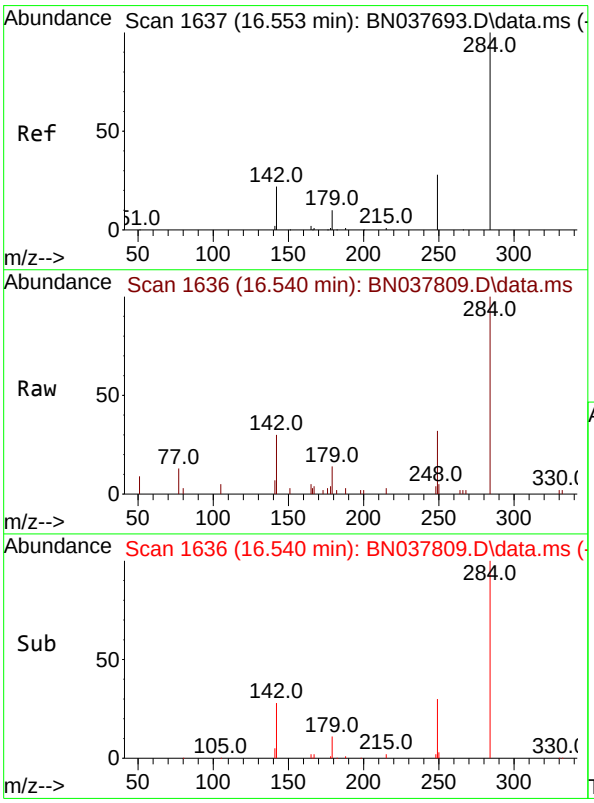
#21
4-Bromophenyl-phenylether
Concen: 0.352 ng
RT: 16.428 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2963

Ion	Ratio	Lower	Upper
248	100		
250	101.4	81.5	122.3
141	39.6	30.8	46.2

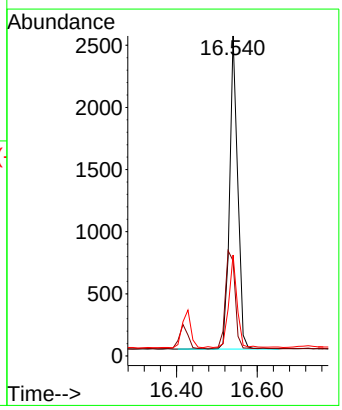


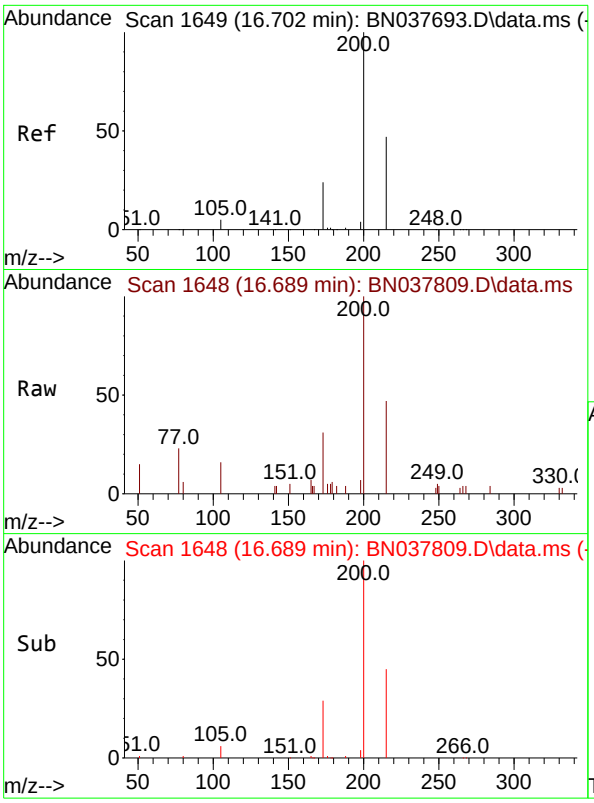


#22
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.013 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:284 Resp: 3549

Ion	Ratio	Lower	Upper
284	100		
142	37.5	30.9	46.3
249	30.1	24.8	37.2



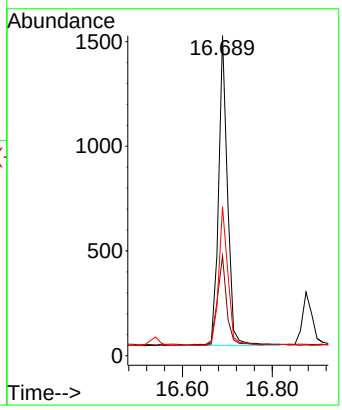


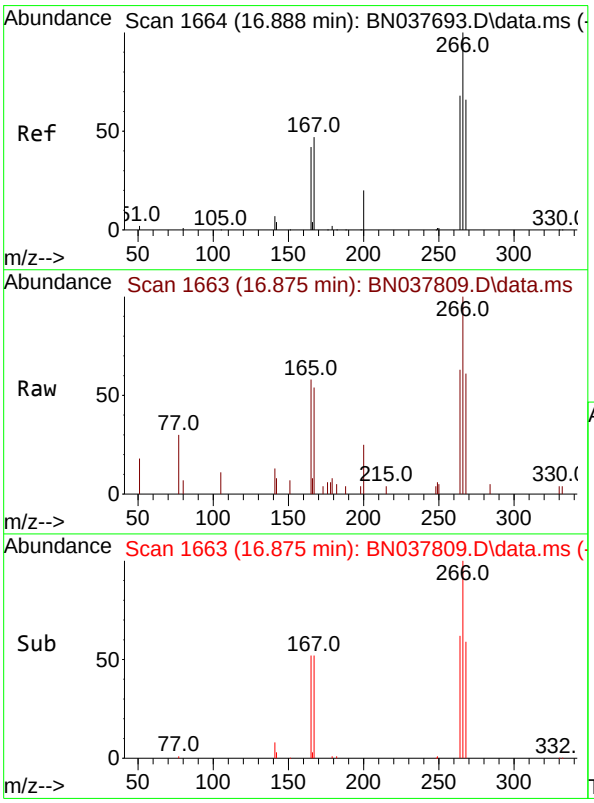
#23
Atrazine
Concen: 0.380 ng
RT: 16.689 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2033

Ion	Ratio	Lower	Upper
200	100		
173	31.2	21.4	32.2
215	46.5	39.2	58.8

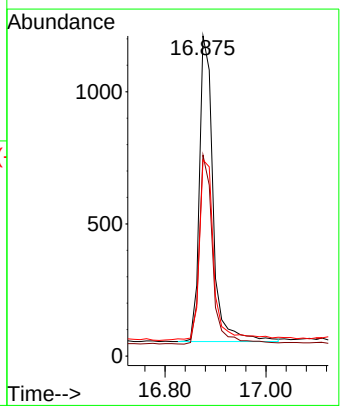


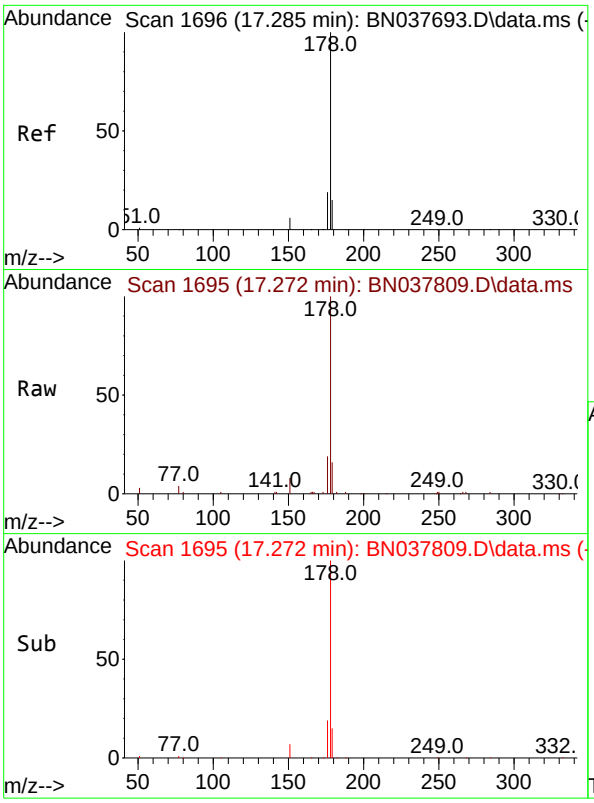


#24
Pentachlorophenol
Concen: 0.774 ng
RT: 16.875 min Scan# 1663
Delta R.T. -0.013 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:266 Resp: 2175

Ion	Ratio	Lower	Upper
266	100		
264	61.2	51.6	77.4
268	63.7	53.2	79.8



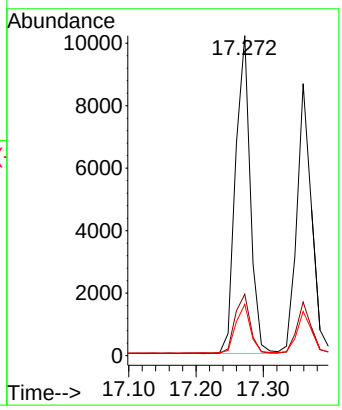


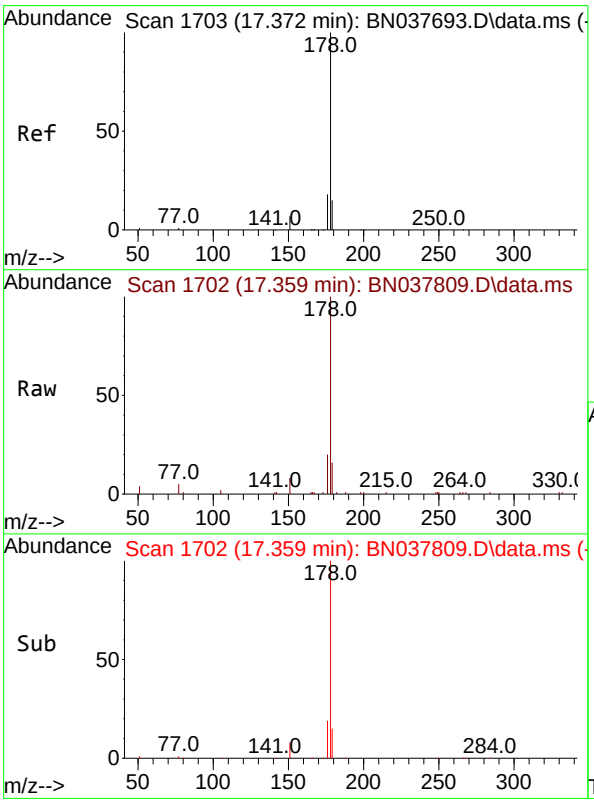
#25
Phenanthrene
Concen: 0.382 ng
RT: 17.272 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 15526

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.2	18.2

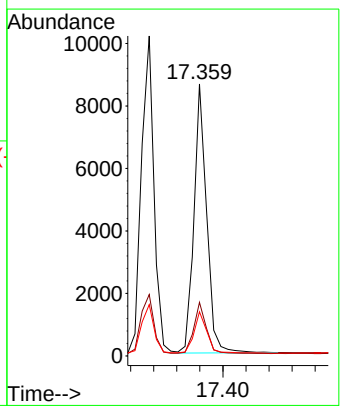


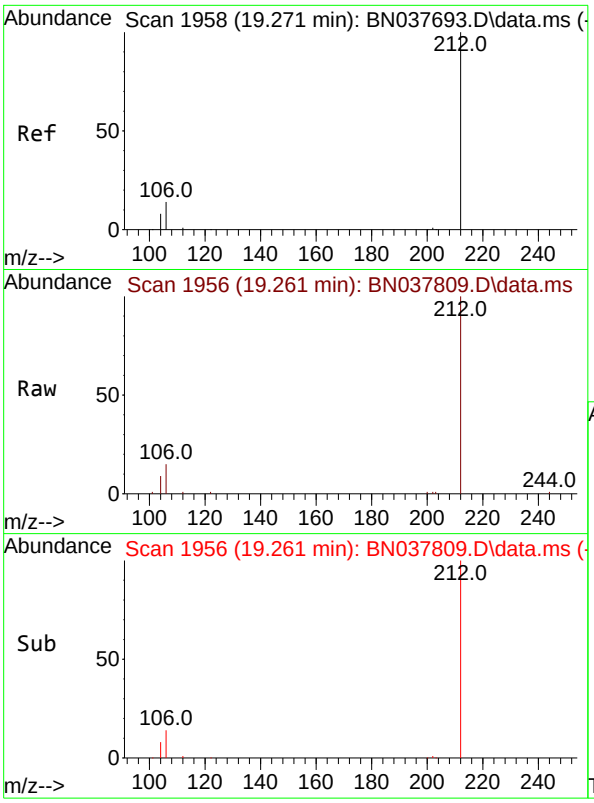


#26
Anthracene
Concen: 0.366 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:178 Resp: 13174

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.6	12.2	18.4



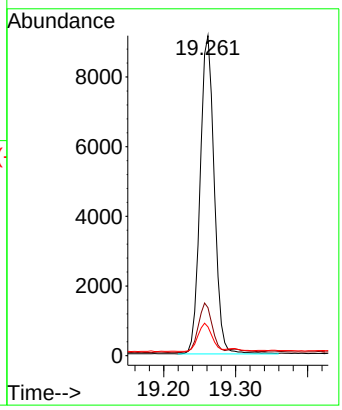


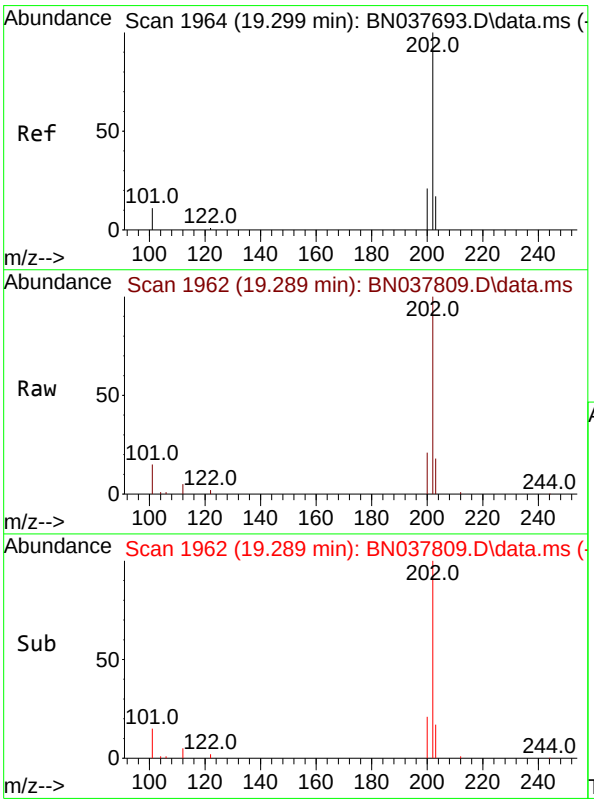
#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.261 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 12452

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.2	18.2
104	8.8	6.9	10.3

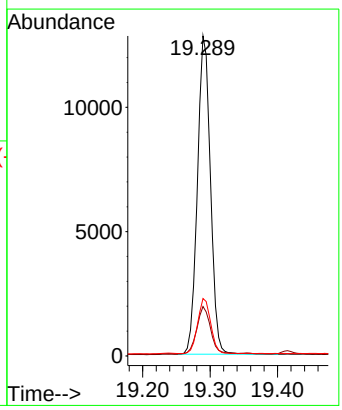


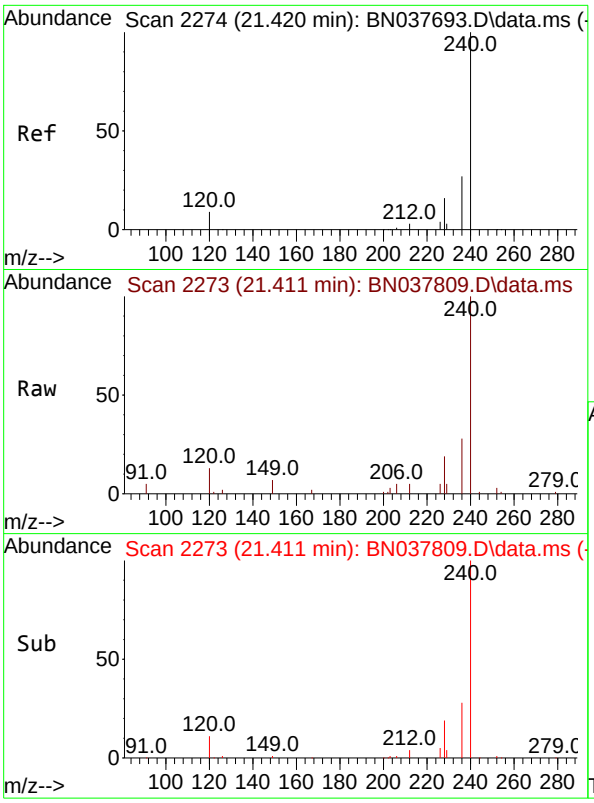


#28
Fluoranthene
Concen: 0.384 ng
RT: 19.289 min Scan# 1962
Delta R.T. -0.010 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:202 Resp: 17140

Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.3	13.9#
203	17.3	13.7	20.5



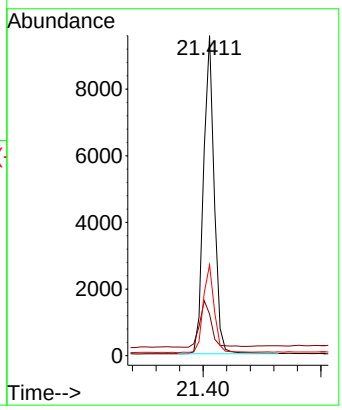


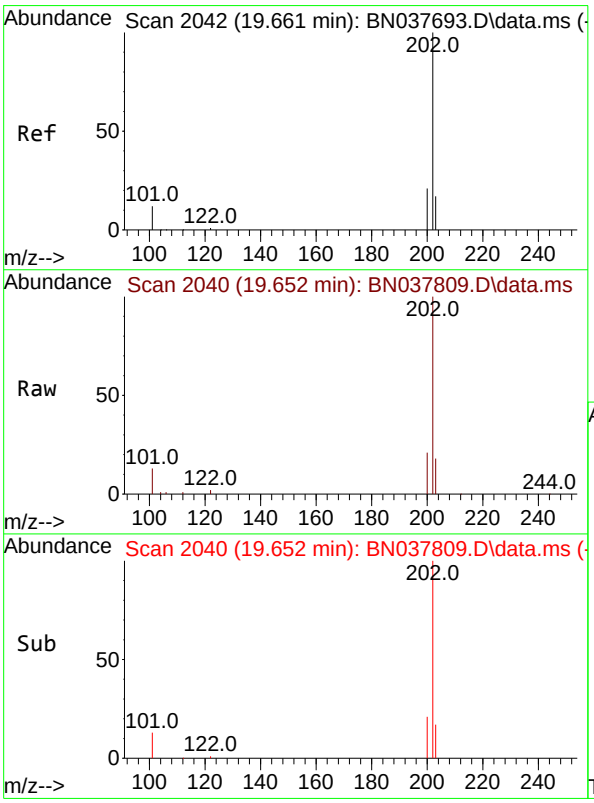
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 12021

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.2	13.8
236	28.4	22.6	33.8

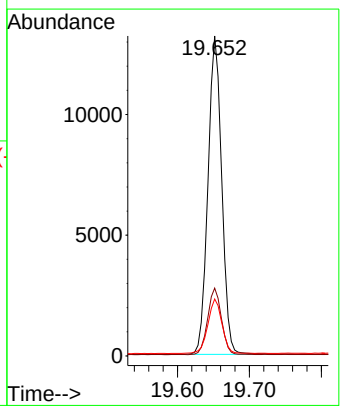


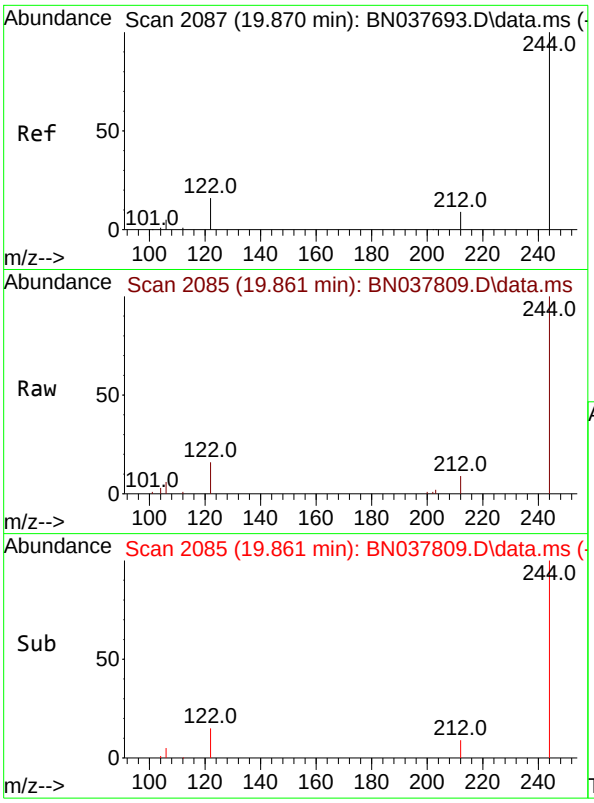


#30
Pyrene
Concen: 0.371 ng
RT: 19.652 min Scan# 2040
Delta R.T. -0.010 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:202 Resp: 17451

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.4	14.3	21.5



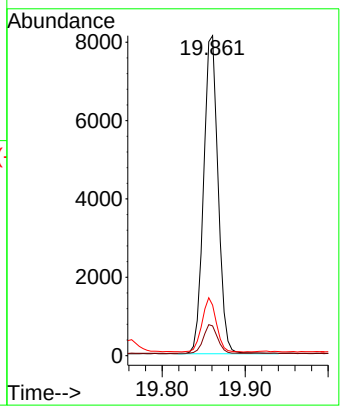


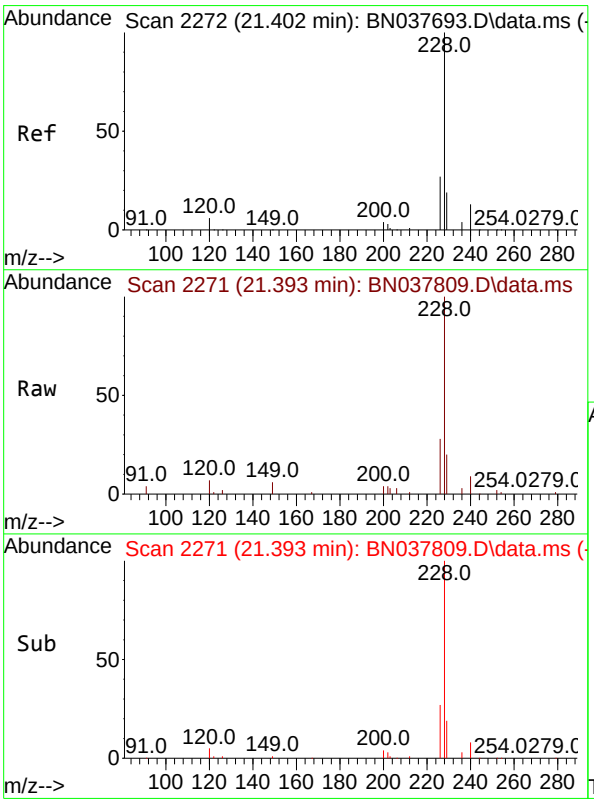
#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.861 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 9852

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	15.8	13.2	19.8

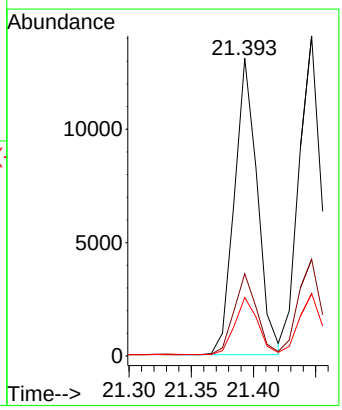


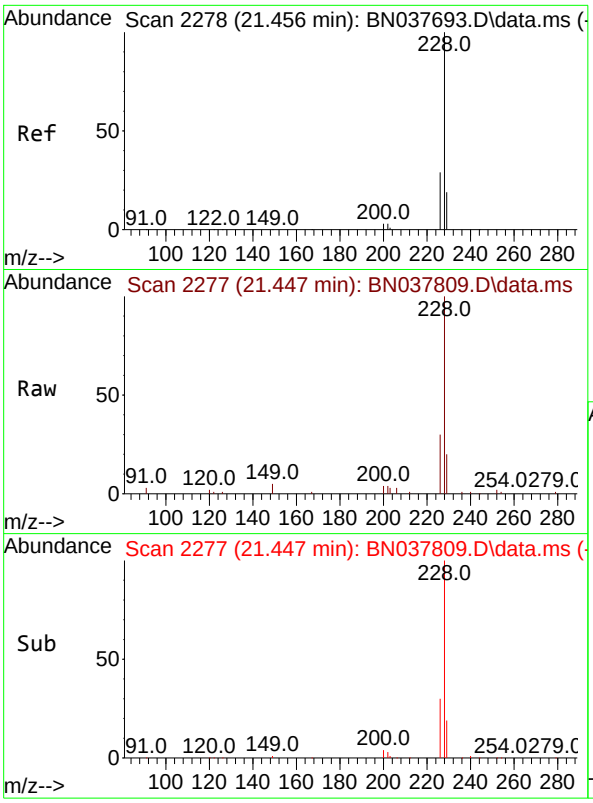


#32
Benzo(a)anthracene
Concen: 0.399 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:228 Resp: 16723

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	19.6	15.8	23.6



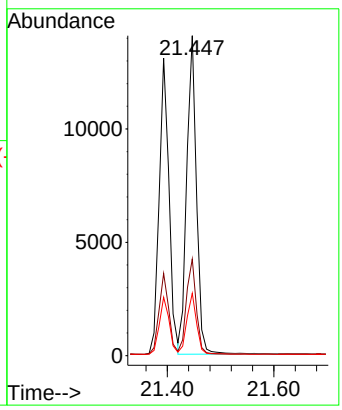


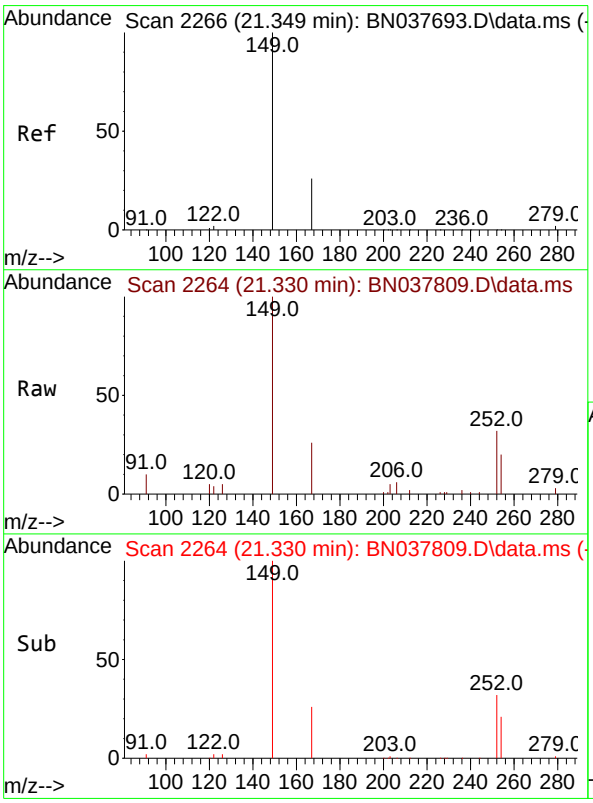
#33
Chrysene
Concen: 0.397 ng
RT: 21.447 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 17844

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.5	35.3
229	19.5	15.9	23.9

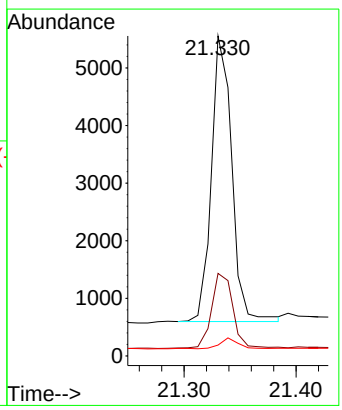


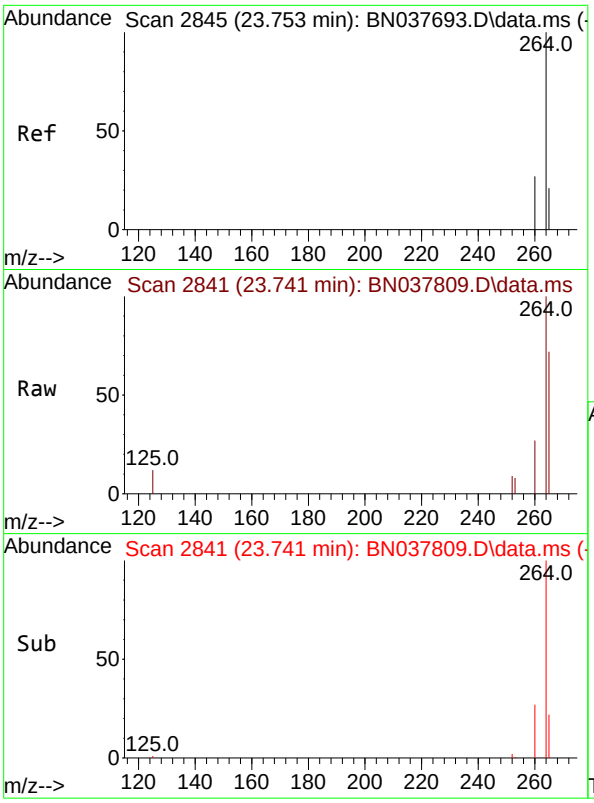


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.504 ng
RT: 21.330 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:149 Resp: 6260

Ion	Ratio	Lower	Upper
149	100		
167	27.6	20.8	31.2
279	3.5	3.3	4.9



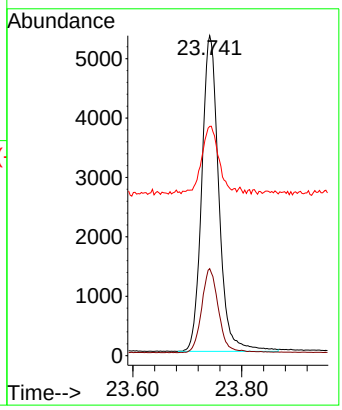


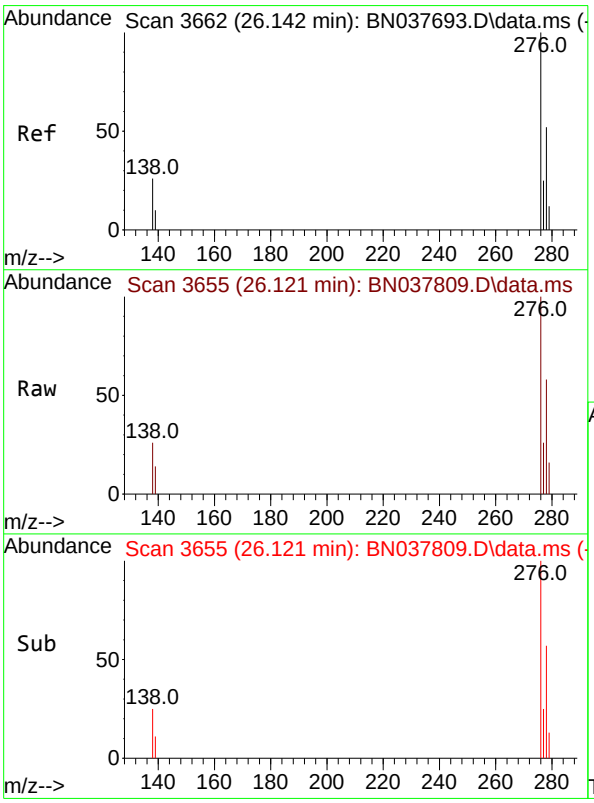
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 11515

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.8	32.8
265	71.7	39.4	59.2#

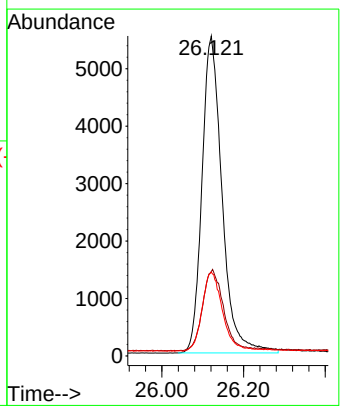


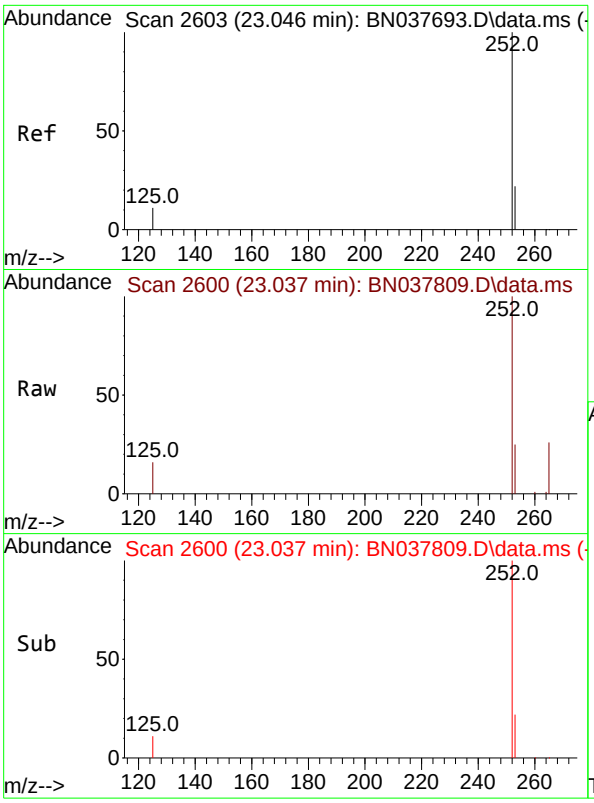


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.121 min Scan# 3655
Delta R.T. -0.021 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:276 Resp: 18885

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.9	32.9
277	25.3	20.1	30.1



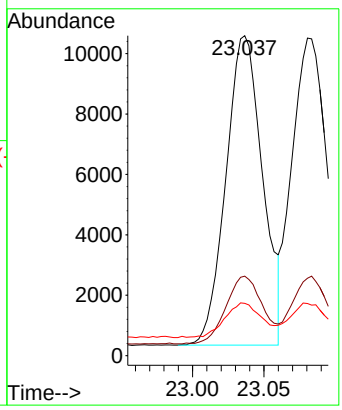


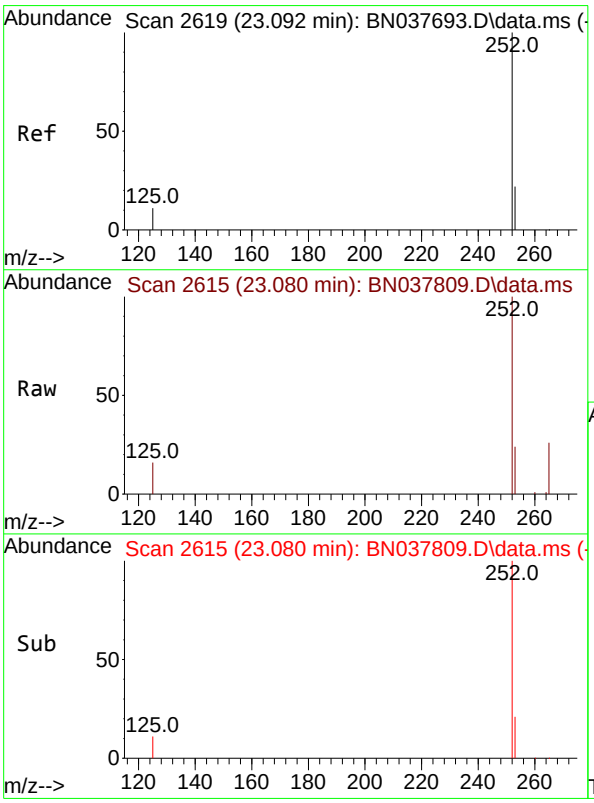
#37
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 23.037 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 18300

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.2
125	16.4	11.2	16.8

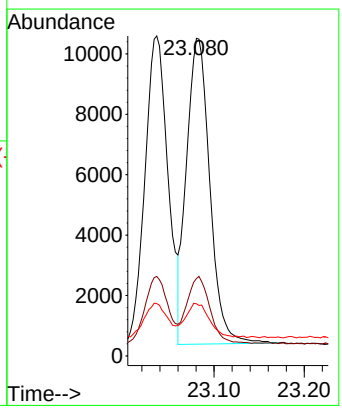


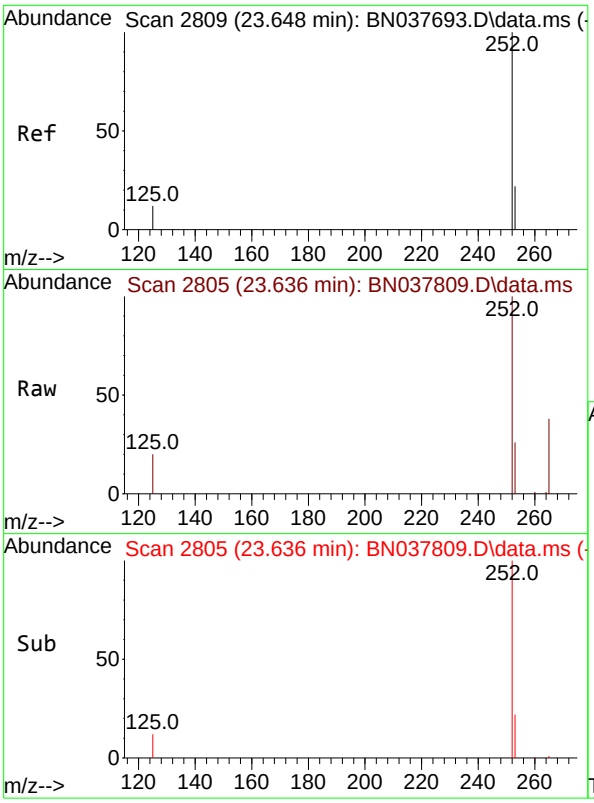


#38
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 23.080 min Scan# 2615
Delta R.T. -0.012 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:252 Resp: 18144

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.0
125	16.4	11.6	17.4



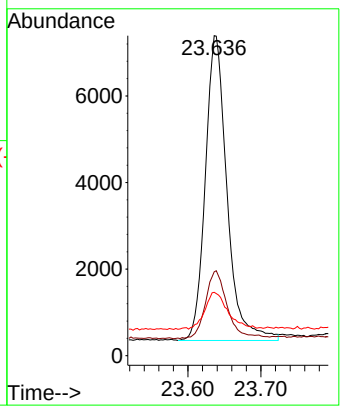


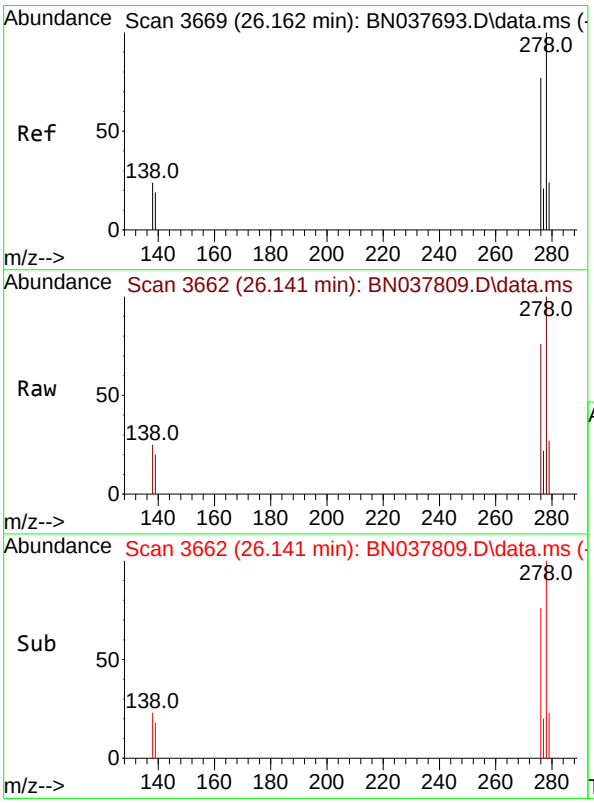
#39
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.636 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 14555

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.8	31.2
125	19.8	13.9	20.9

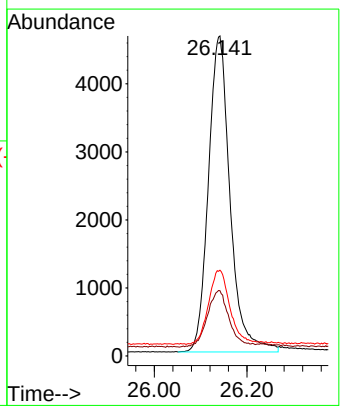


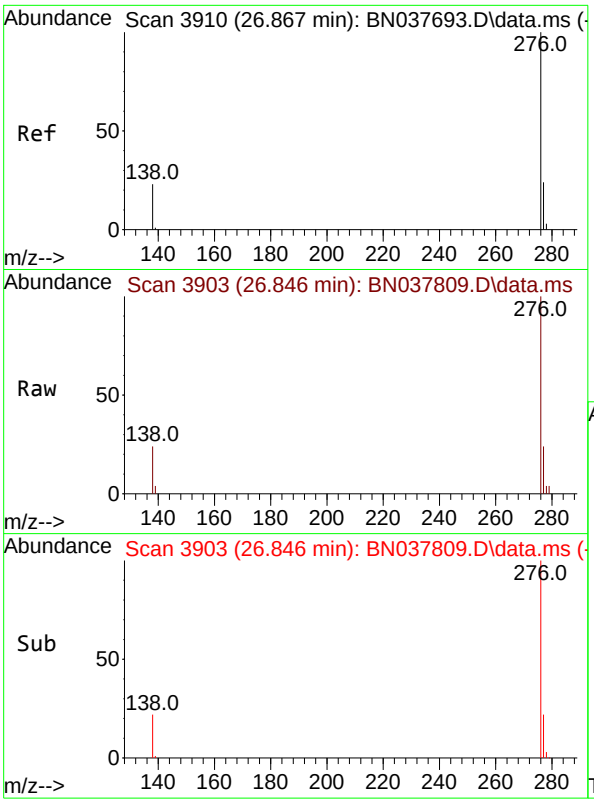


#40
Dibenzo(a,h)anthracene
Concen: 0.390 ng
RT: 26.141 min Scan# 3662
Delta R.T. -0.021 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Tgt Ion:278 Resp: 15061

Ion	Ratio	Lower	Upper
278	100		
139	20.4	17.8	26.6
279	26.8	22.0	33.0





#41
Benzo(g,h,i)perylene
Concen: 0.345 ng
RT: 26.846 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN037809.D
Acq: 19 Sep 2025 11:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 14961

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.6	31.0
138	24.2	20.2	30.2