Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
Data File : BN037680.D
Acq On : 10 Sep 2025 12:55
Operator : RC/JU
Sample : Q2893-08
Misc : LOQ-WATER 0.2 ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 10 13:21:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 02:02:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	5172	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	14178	0.400	ng	#	0.01
13) Acenaphthene-d10	14.505	164	6820	0.400	ng		0.01
19) Phenanthrene-d10	17.248	188	12893	0.400	ng		0.00
29) Chrysene-d12	21.420	240	10626	0.400	ng	#	0.00
35) Perylene-d12	23.759	264	10909	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	3950	0.298	ng		0.00
5) Phenol-d6	7.002	99	5091	0.306	ng		0.01
8) Nitrobenzene-d5	9.003	82	3692	0.423	ng		0.01
11) 2-Methylnaphthalene-d10	12.248	152	7971	0.400	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	566	0.298	ng		0.01
15) 2-Fluorobiphenyl	13.126	172	10847	0.404	ng		0.00
27) Fluoranthene-d10	19.271	212	13712	0.412	ng		0.00
31) Terphenyl-d14	19.875	244	8806	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	1224	0.218	ng		97
3) n-Nitrosodimethylamine	3.615	42	1431	0.202	ng	#	93
6) bis(2-Chloroethyl)ether	7.269	93	2858	0.203	ng		99
9) Naphthalene	10.712	128	7568	0.197	ng		99
10) Hexachlorobutadiene	11.011	225	1414	0.208	ng	#	99
12) 2-Methylnaphthalene	12.324	142	4355	0.175	ng		99
16) Acenaphthylene	14.217	152	6799	0.213	ng		100
17) Acenaphthene	14.559	154	4150	0.203	ng		97
18) Fluorene	15.547	166	5014	0.201	ng		98
20) 4,6-Dinitro-2-methylph...	15.609	198	164	0.228	ng	#	66
21) 4-Bromophenyl-phenylether	16.441	248	1635	0.194	ng	#	93
22) Hexachlorobenzene	16.553	284	1882	0.211	ng		96
23) Atrazine	16.702	200	985	0.187	ng		95
24) Pentachlorophenol	16.900	266	564	0.188	ng		96
25) Phenanthrene	17.285	178	8035	0.204	ng		100
26) Anthracene	17.372	178	7138	0.195	ng		99
28) Fluoranthene	19.304	202	8356	0.189	ng		99
30) Pyrene	19.666	202	8314	0.196	ng		99
32) Benzo(a)anthracene	21.402	228	7361	0.194	ng		98
33) Chrysene	21.456	228	7997	0.208	ng		98
34) Bis(2-ethylhexyl)phtha...	21.358	149	2073	0.197	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.151	276	8281	0.200	ng		99
37) Benzo(b)fluoranthene	23.055	252	7824	0.195	ng	#	92
38) Benzo(k)fluoranthene	23.055	252	7824	0.197	ng		94
39) Benzo(a)pyrene	23.657	252	6864	0.205	ng	#	90
40) Dibenzo(a,h)anthracene	26.171	278	6366	0.205	ng		94
41) Benzo(g,h,i)perylene	26.876	276	7553	0.201	ng		97

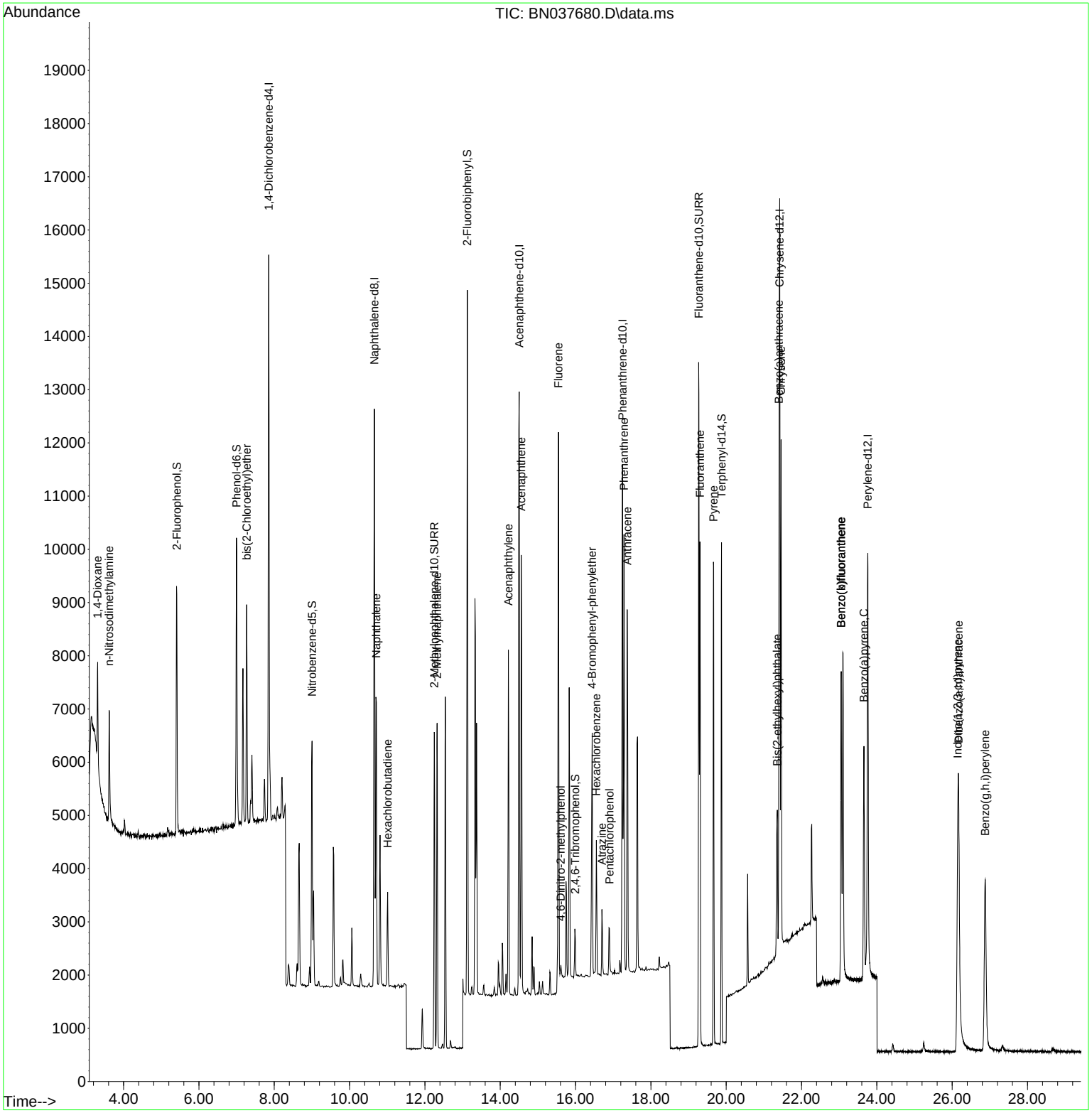
(#) = qualifier out of range (m) = manual integration (+) = signals summed

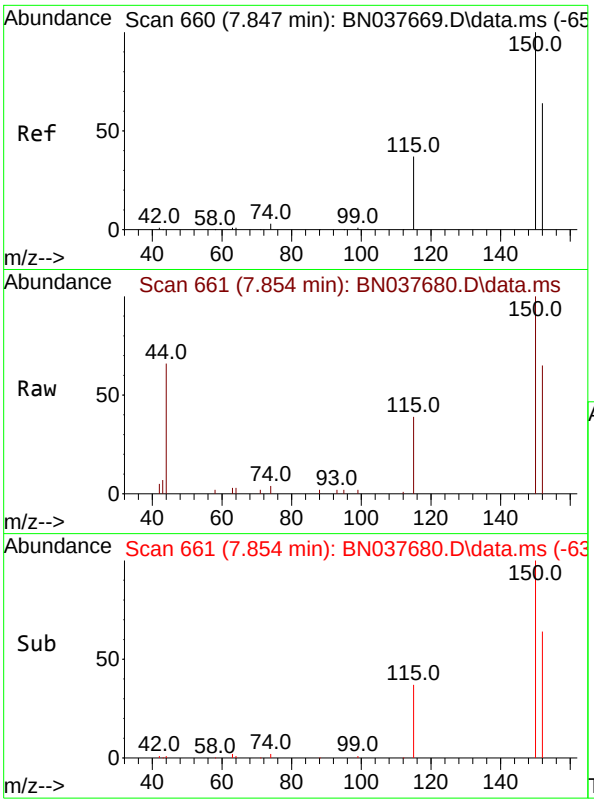
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
Data File : BN037680.D
Acq On : 10 Sep 2025 12:55
Operator : RC/JU
Sample : Q2893-08
Misc : LOQ-WATER 0.2 ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 10 13:21:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 02:02:04 2025
Response via : Initial Calibration



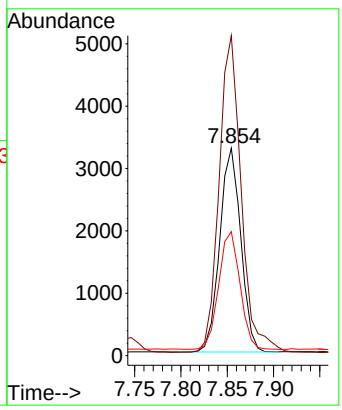


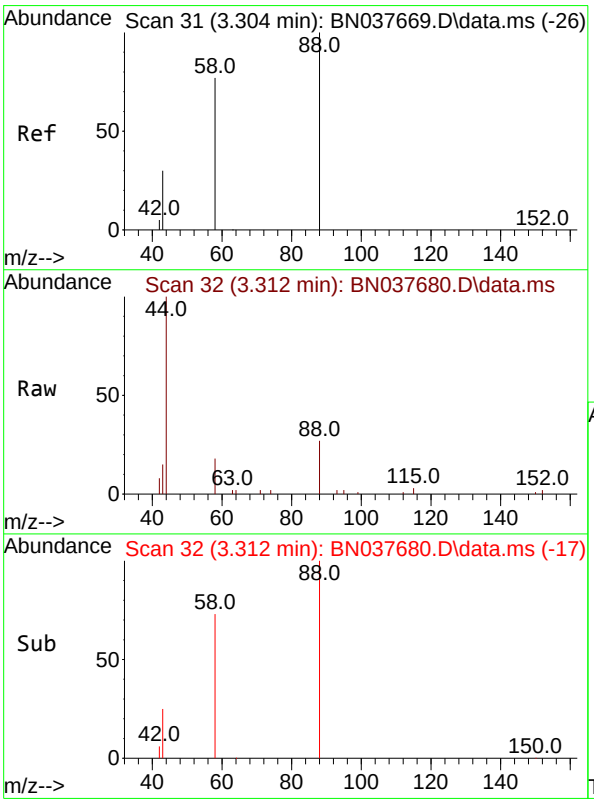
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5172

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.2	184.8
115	59.7	49.0	73.4

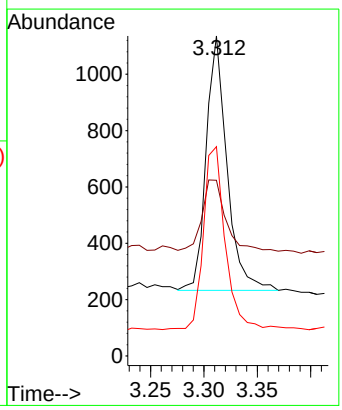


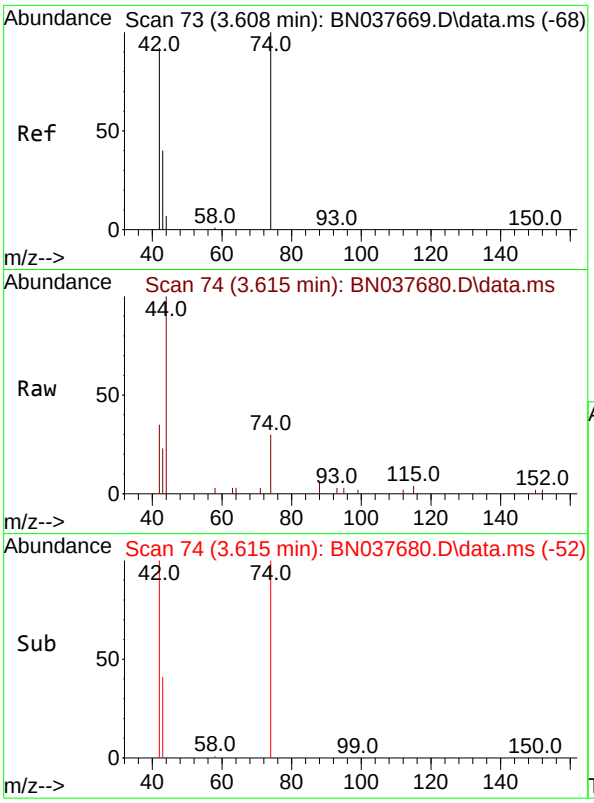


#2
1,4-Dioxane
Concen: 0.218 ng
RT: 3.312 min Scan# 32
Delta R.T. 0.007 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion: 88 Resp: 1224

Ion	Ratio	Lower	Upper
88	100		
43	31.6	26.8	40.2
58	75.7	62.6	93.8



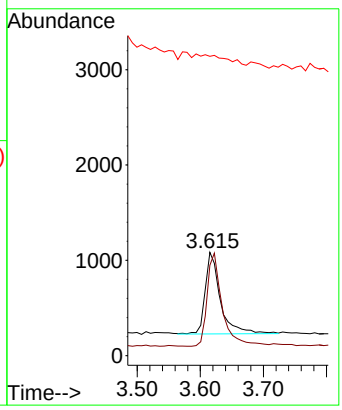


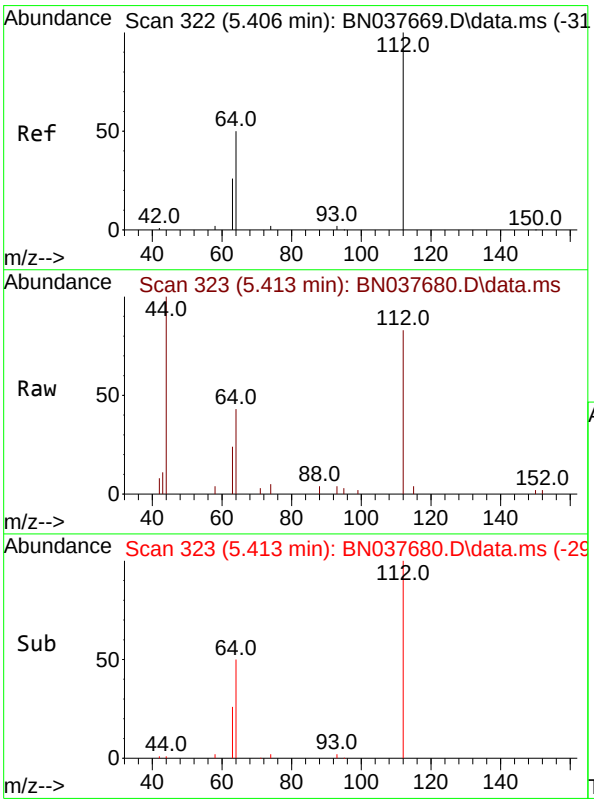
#3
n-Nitrosodimethylamine
Concen: 0.202 ng
RT: 3.615 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1431

Ion	Ratio	Lower	Upper
42	100		
74	114.2	94.9	142.3
44	0.0	10.6	16.0#

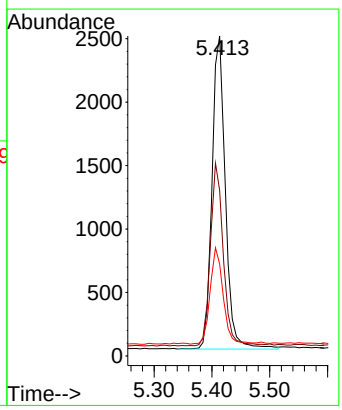


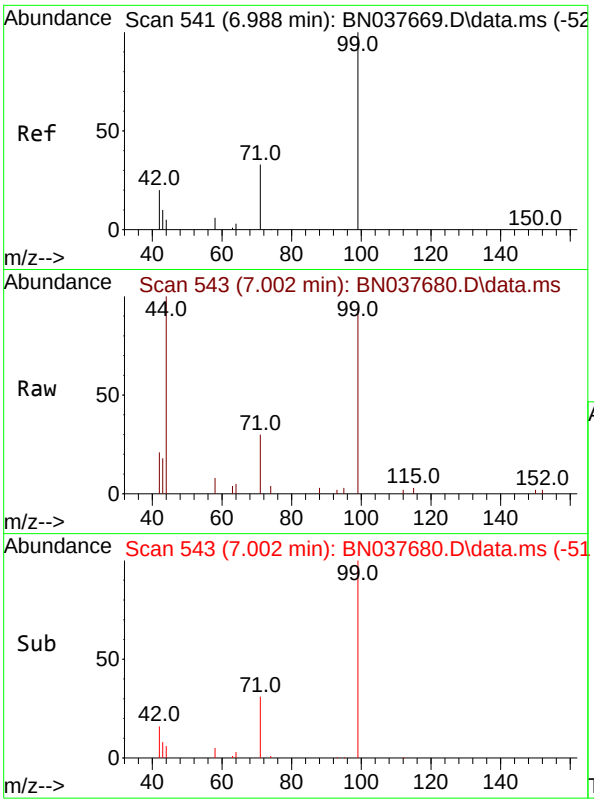


#4
2-Fluorophenol
Concen: 0.298 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.007 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:112 Resp: 3950

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.4	68.2
63	30.0	23.7	35.5



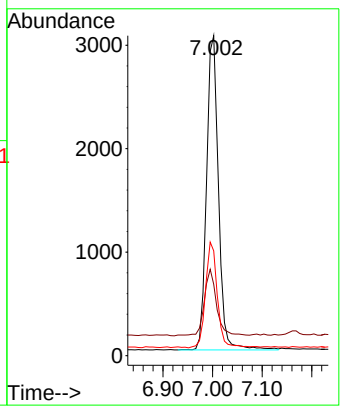


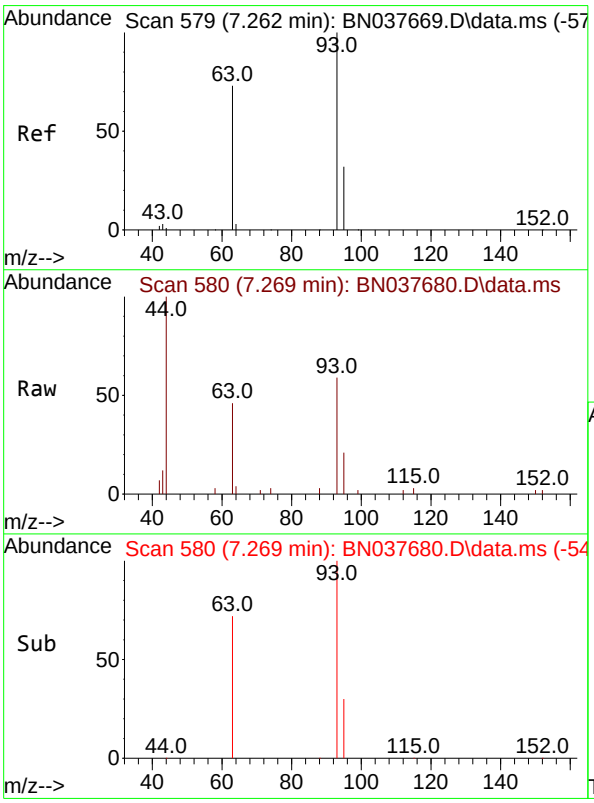
#5
Phenol-d6
Concen: 0.306 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.015 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5091

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.7	26.5
71	33.5	26.7	40.1

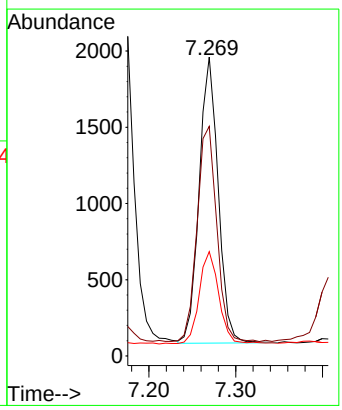


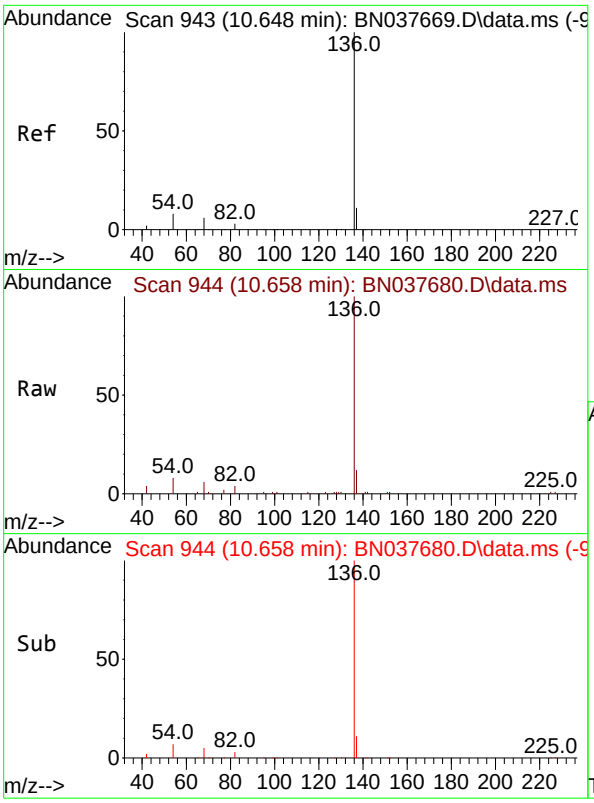


#6
bis(2-Chloroethyl)ether
Concen: 0.203 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.007 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion: 93 Resp: 2858

Ion	Ratio	Lower	Upper
93	100		
63	77.9	62.1	93.1
95	33.8	26.0	39.0



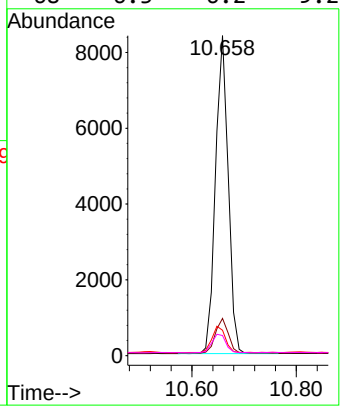


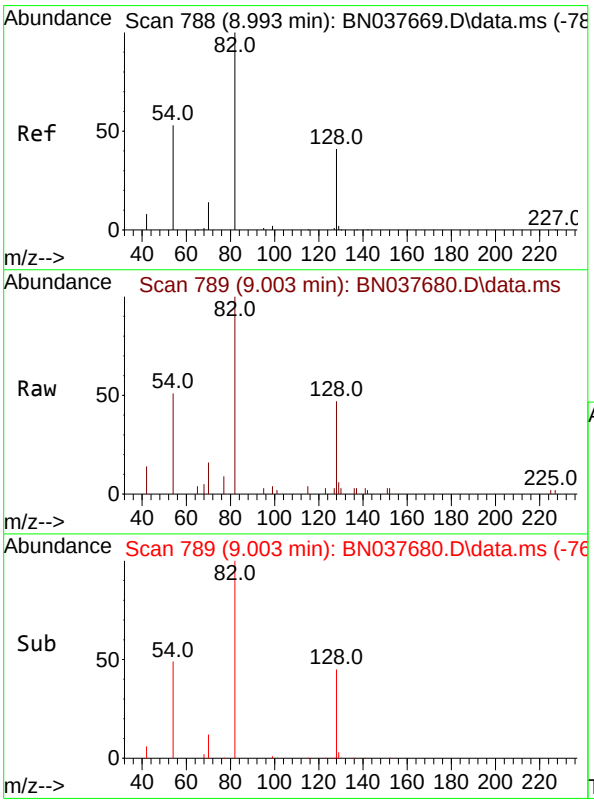
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 14178

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.9	8.1	12.1#
68	6.3	6.2	9.2

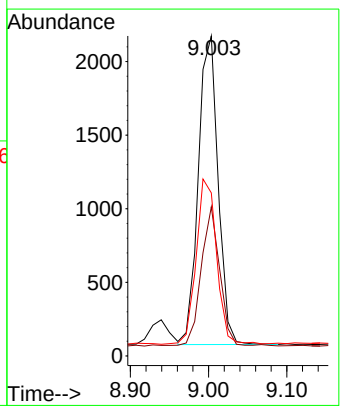


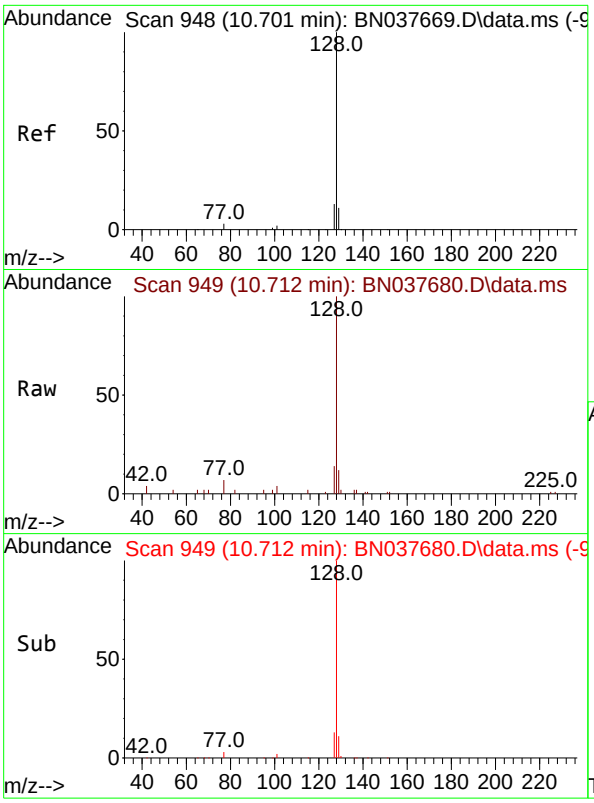


#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion: 82 Resp: 3692

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.3	51.5
54	51.0	45.5	68.3



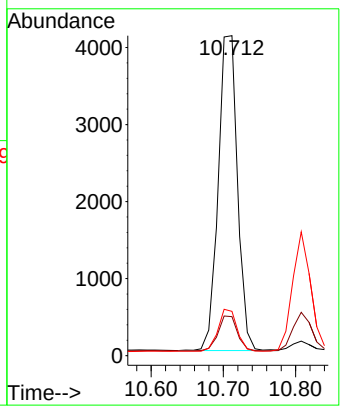


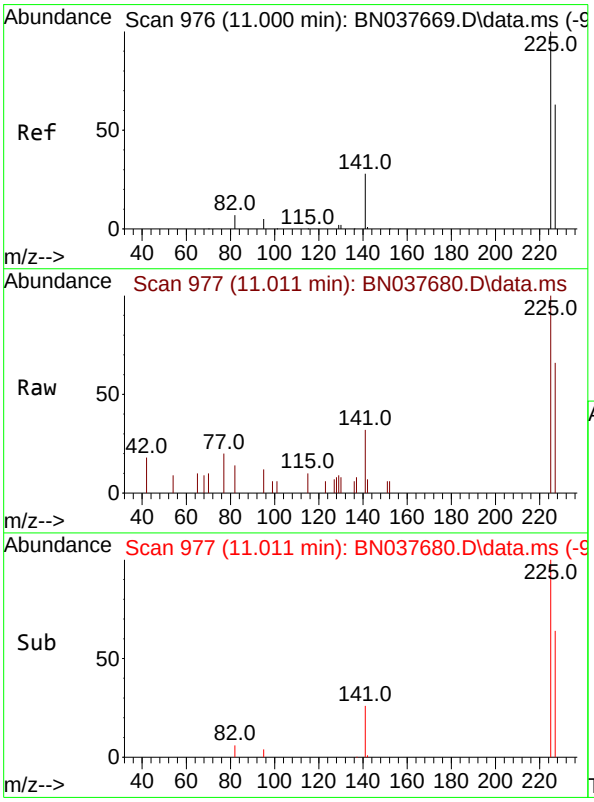
#9
Naphthalene
Concen: 0.197 ng
RT: 10.712 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 7568

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.3	13.9
127	13.9	10.7	16.1

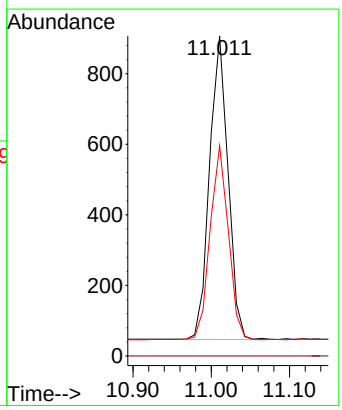


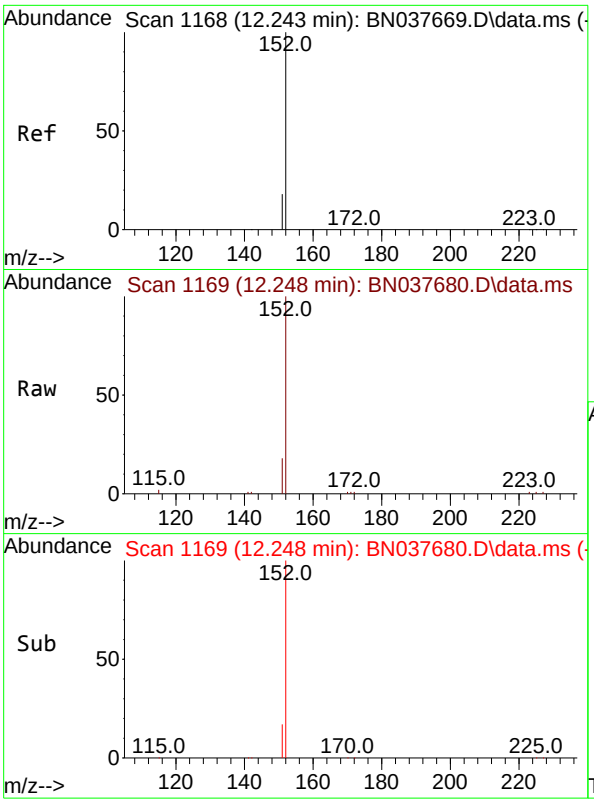


#10
Hexachlorobutadiene
Concen: 0.208 ng
RT: 11.011 min Scan# 977
Delta R.T. 0.011 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:225 Resp: 1414

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.7	77.5



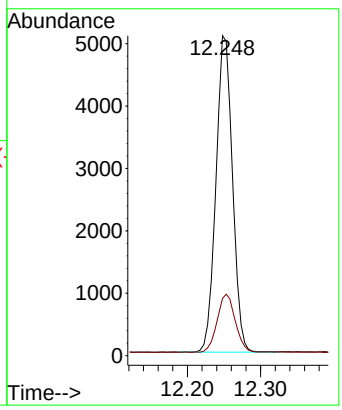


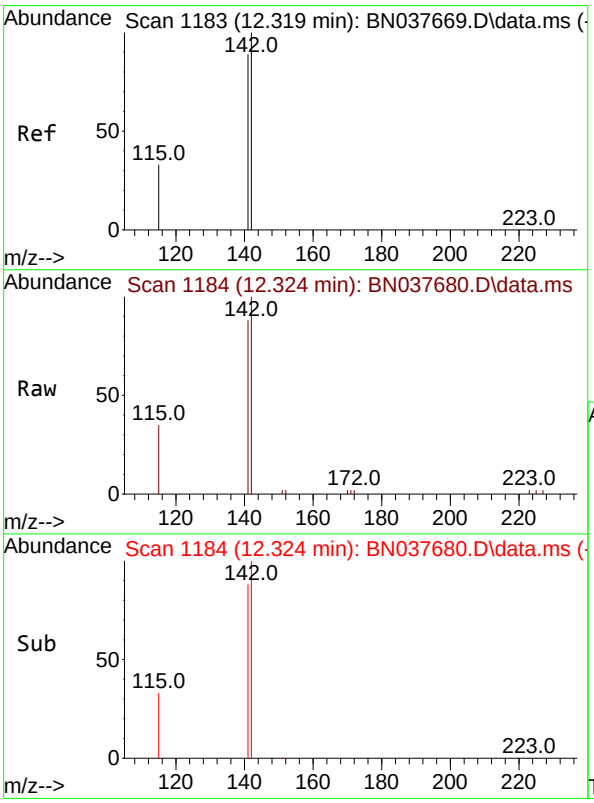
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.248 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7971

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.7	25.1

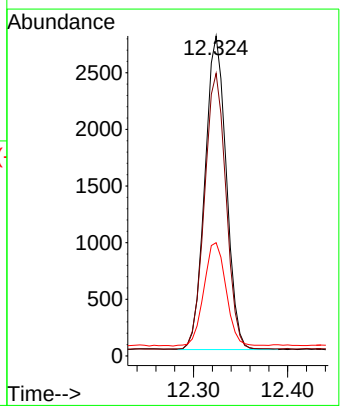


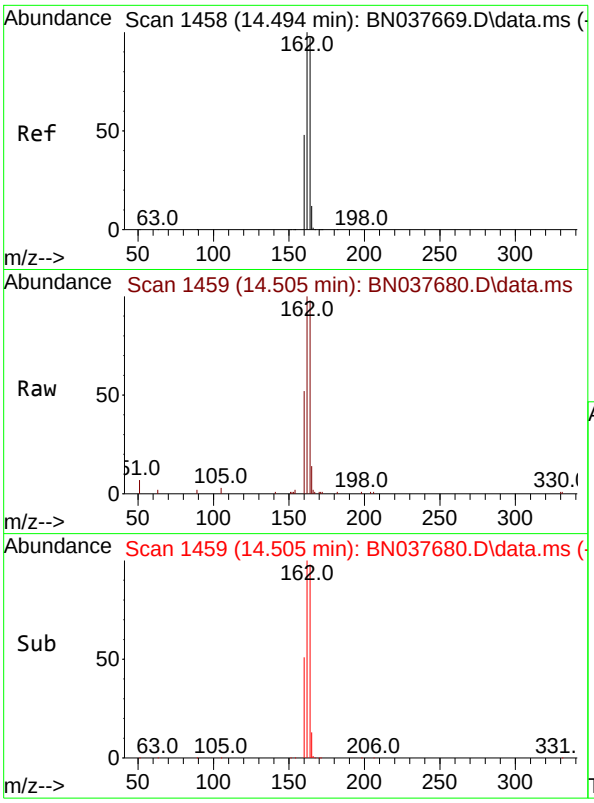


#12
2-Methylnaphthalene
Concen: 0.175 ng
RT: 12.324 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:142 Resp: 4355

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.5	107.3
115	35.4	28.0	42.0



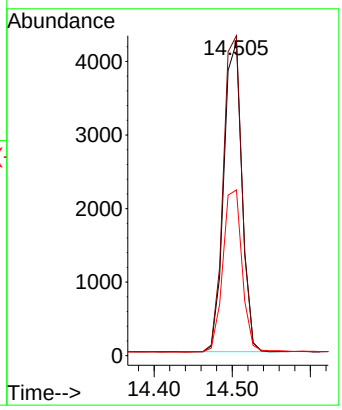


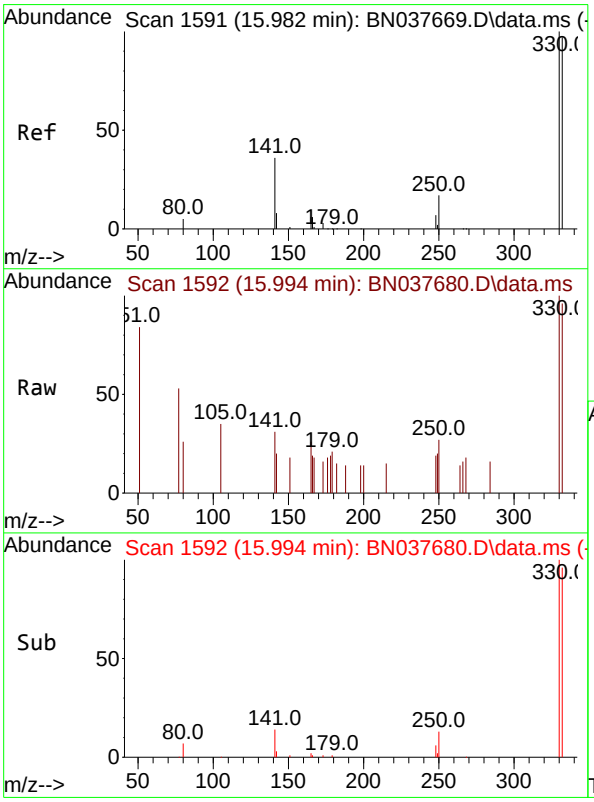
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.505 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6820

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	52.9	39.7	59.5

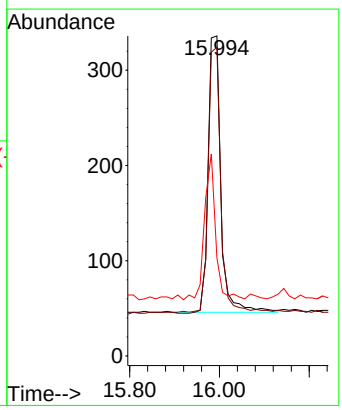


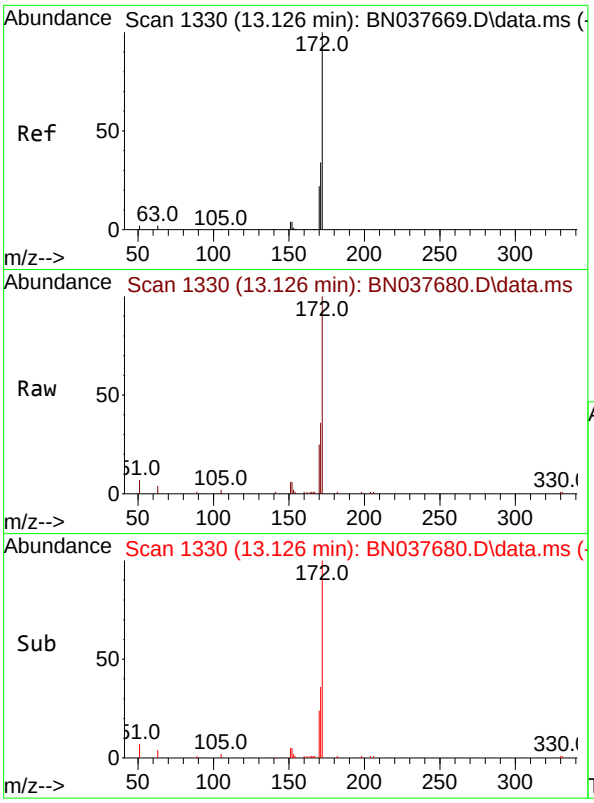


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.994 min Scan# 1592
Delta R.T. 0.013 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:330 Resp: 566

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.8	118.2
141	45.9	37.8	56.6



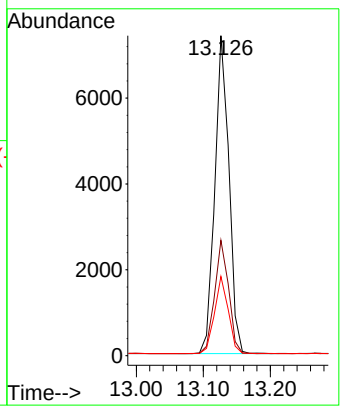


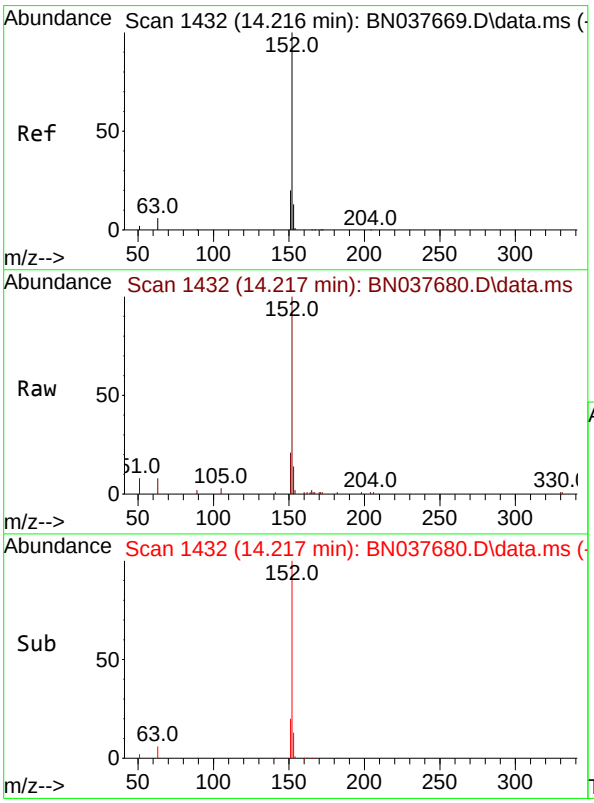
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.126 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10847

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.8
170	24.8	18.4	27.6

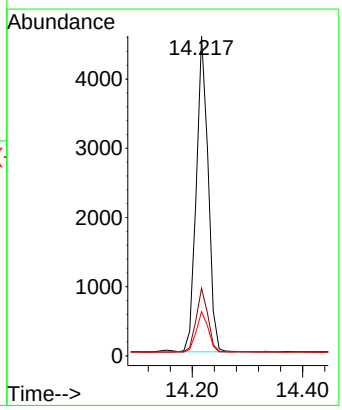


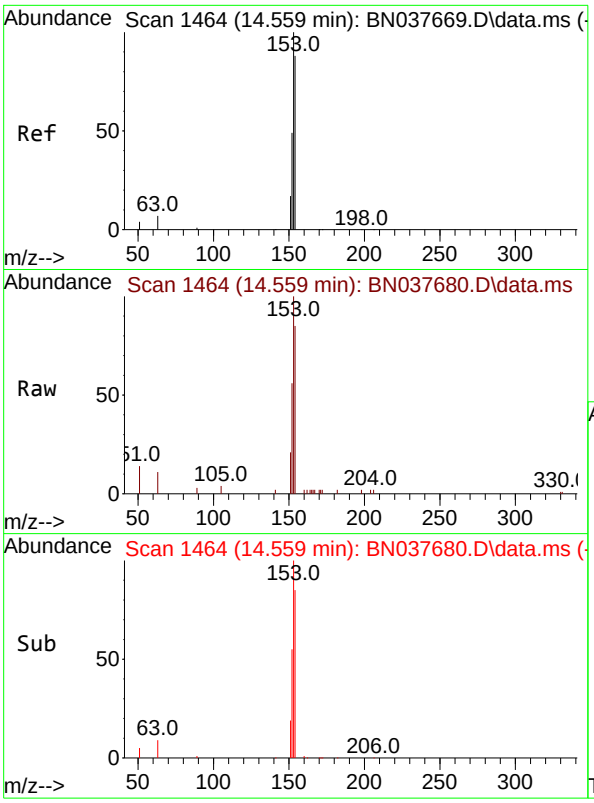


#16
Acenaphthylene
Concen: 0.213 ng
RT: 14.217 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:152 Resp: 6799

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.2	10.4	15.6



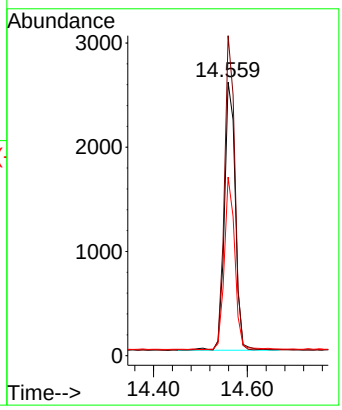


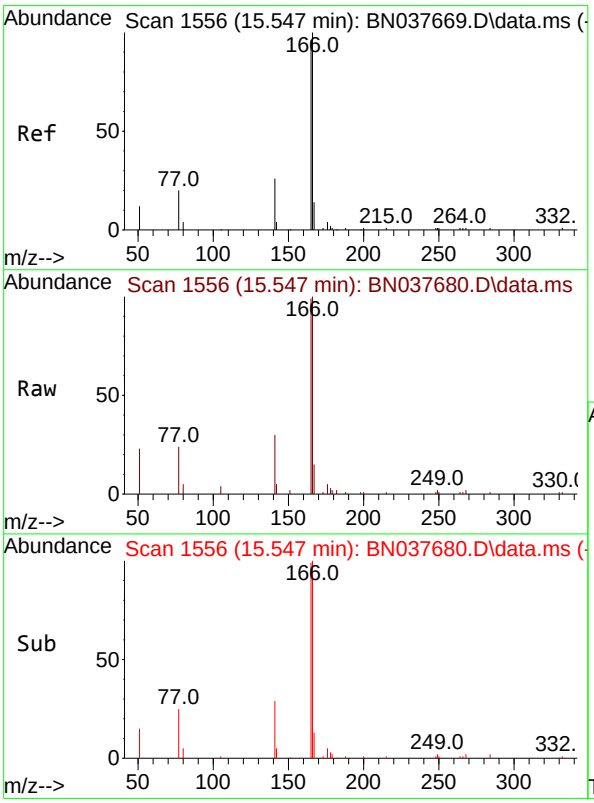
#17
Acenaphthene
Concen: 0.203 ng
RT: 14.559 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4150

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.7	136.1
152	62.2	46.4	69.6

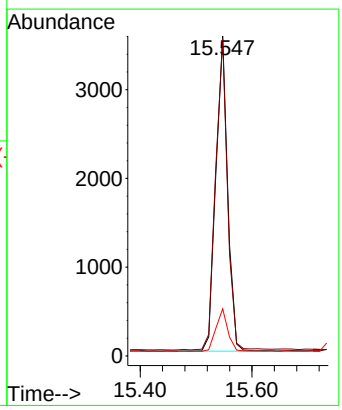


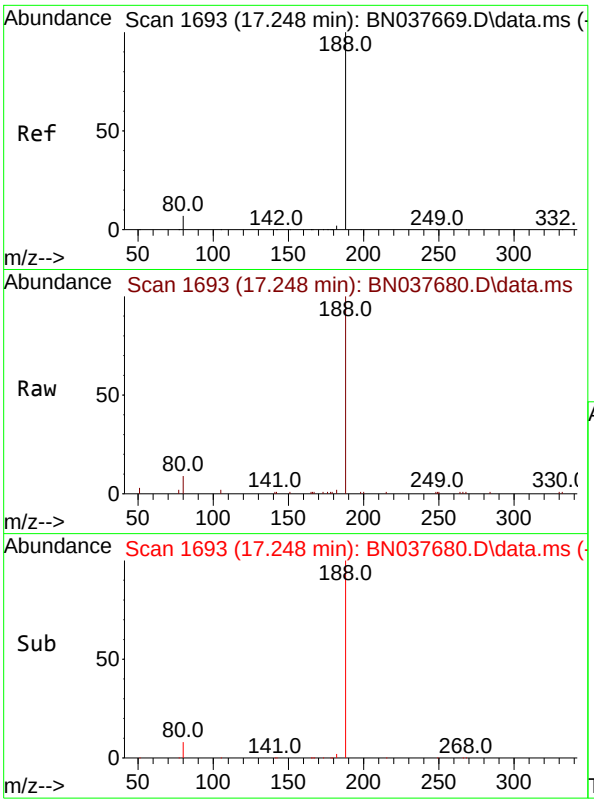


#18
Fluorene
Concen: 0.201 ng
RT: 15.547 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:166 Resp: 5014

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.4	116.0
167	13.8	10.6	15.8



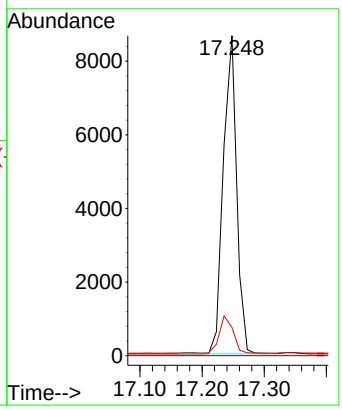


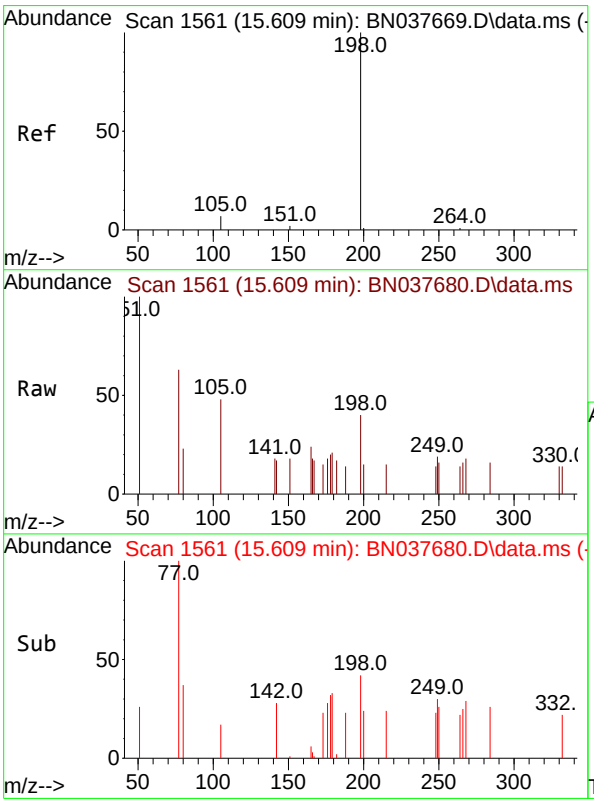
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.248 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 12893

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.3	9.5

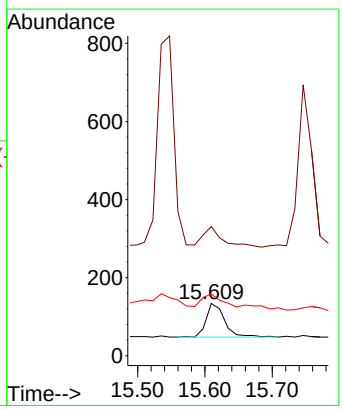


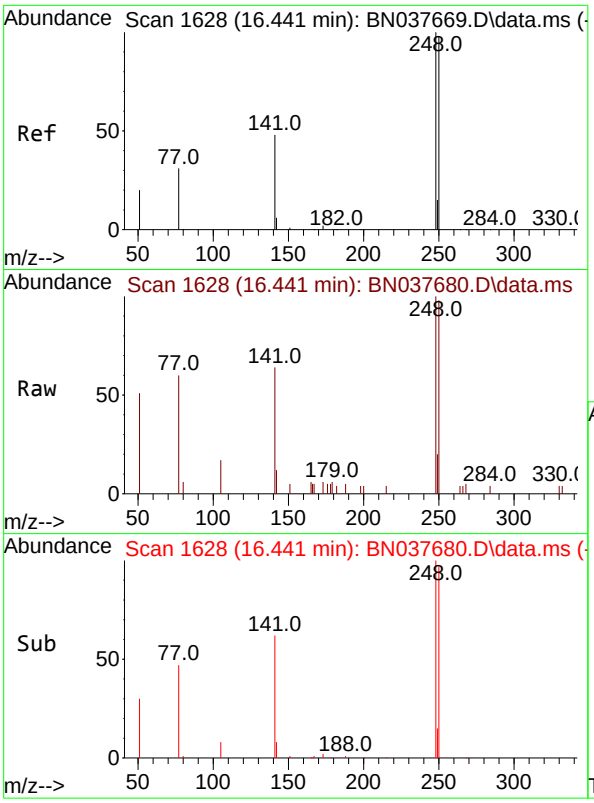


#20
4,6-Dinitro-2-methylphenol
Concen: 0.228 ng
RT: 15.609 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:198 Resp: 164

Ion	Ratio	Lower	Upper
198	100		
51	247.0	144.8	217.2#
105	117.9	110.7	166.1



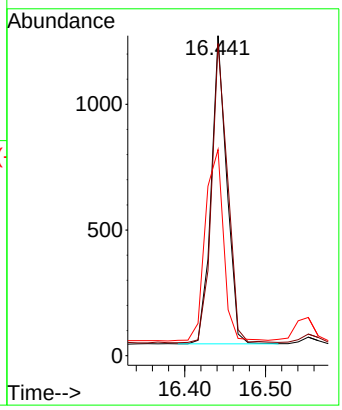


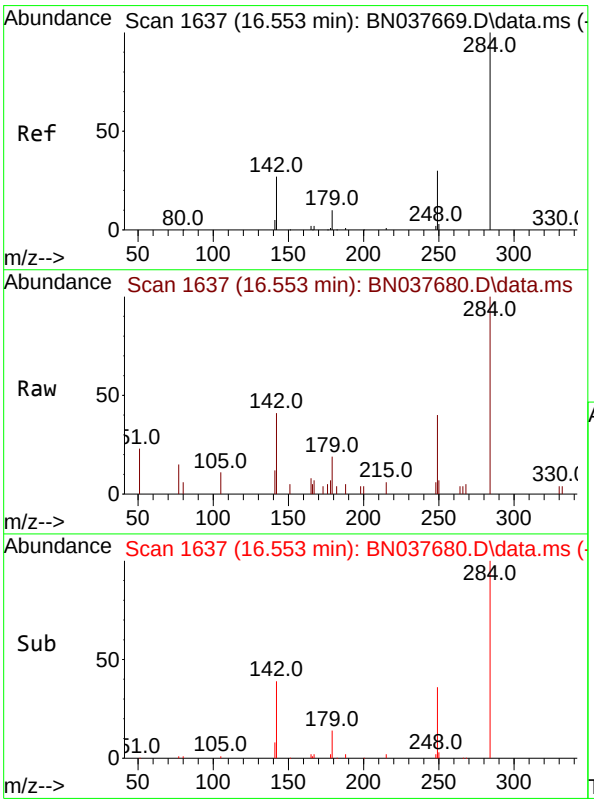
#21
4-Bromophenyl-phenylether
Concen: 0.194 ng
RT: 16.441 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1635

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.7	118.1
141	64.4	40.2	60.4#

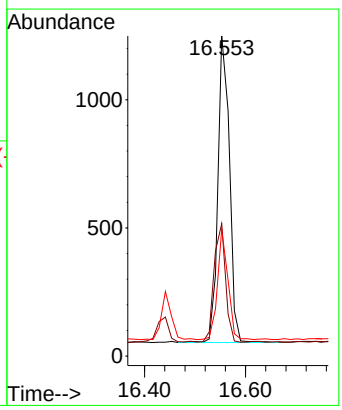


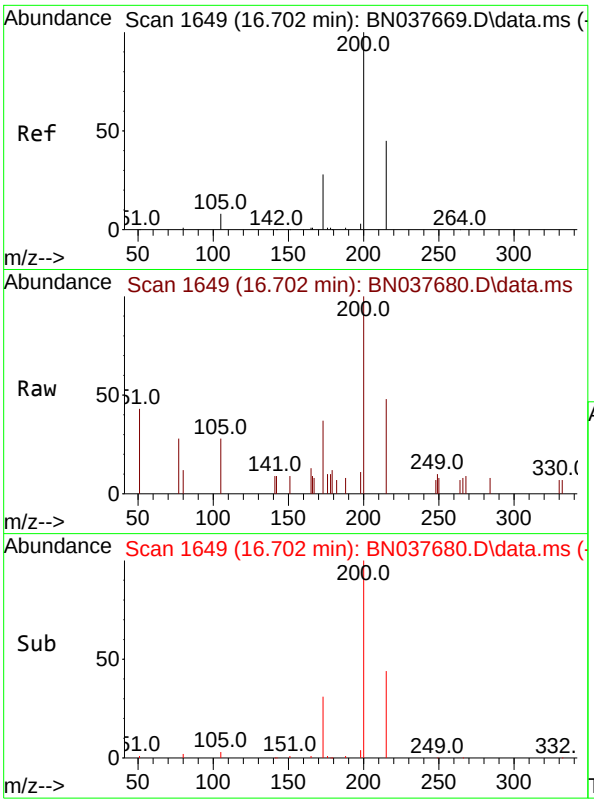


#22
Hexachlorobenzene
Concen: 0.211 ng
RT: 16.553 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:284 Resp: 1882

Ion	Ratio	Lower	Upper
284	100		
142	38.8	29.4	44.2
249	32.7	24.4	36.6



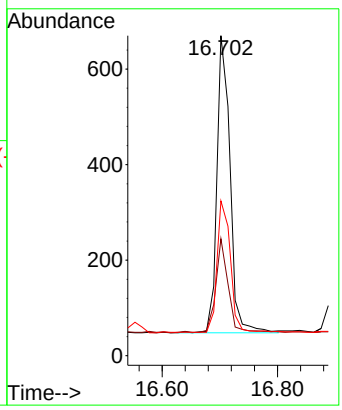


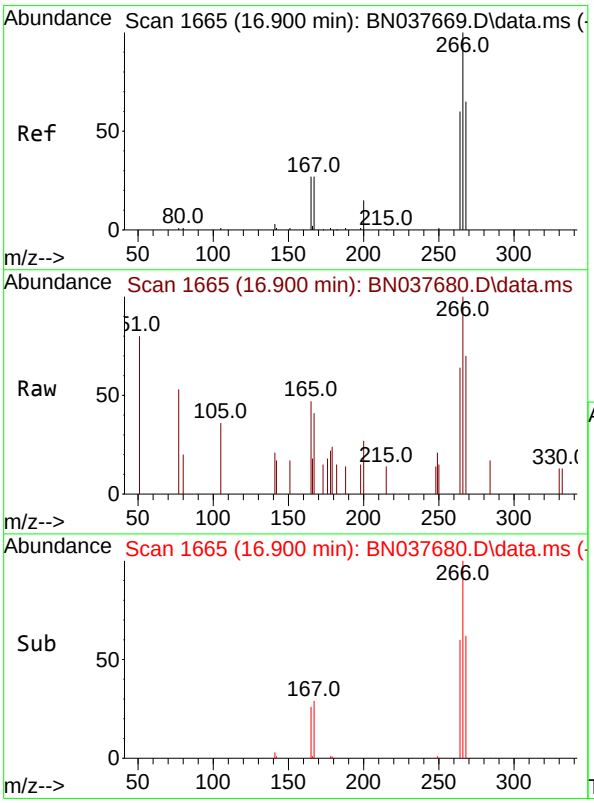
#23
Atrazine
Concen: 0.187 ng
RT: 16.702 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 985

Ion	Ratio	Lower	Upper
200	100		
173	36.6	24.7	37.1
215	48.4	37.5	56.3

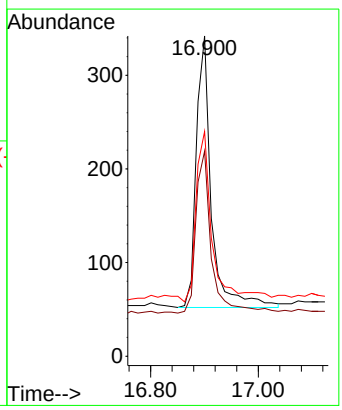


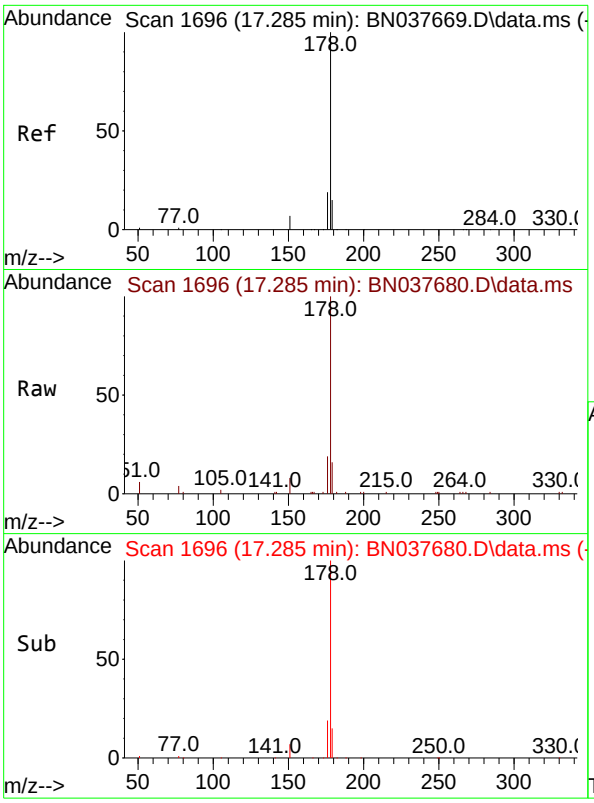


#24
Pentachlorophenol
Concen: 0.188 ng
RT: 16.900 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:266 Resp: 564

Ion	Ratio	Lower	Upper
266	100		
264	59.6	49.7	74.5
268	64.9	48.7	73.1



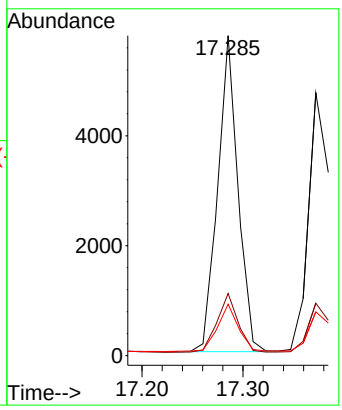


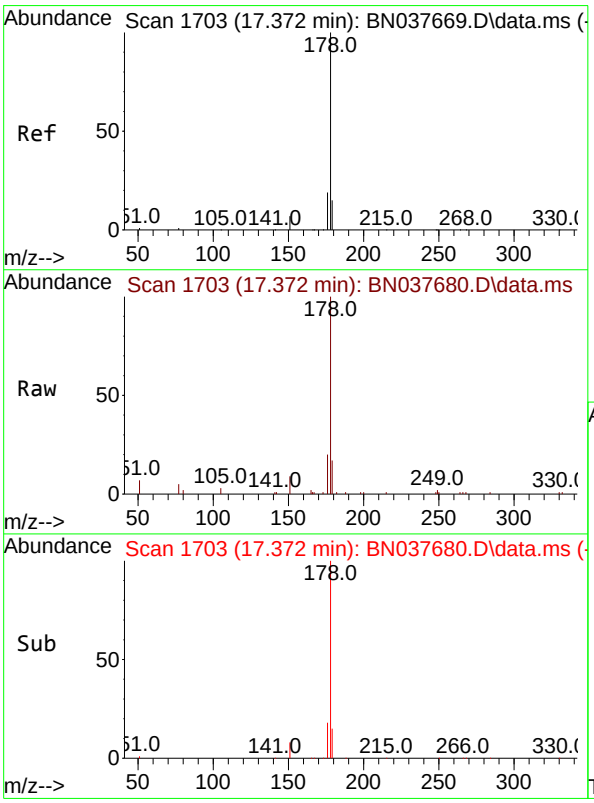
#25
Phenanthrene
Concen: 0.204 ng
RT: 17.285 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8035

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.5	12.5	18.7

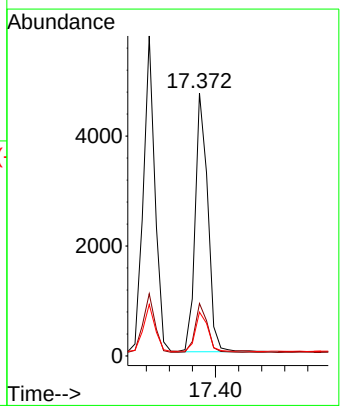


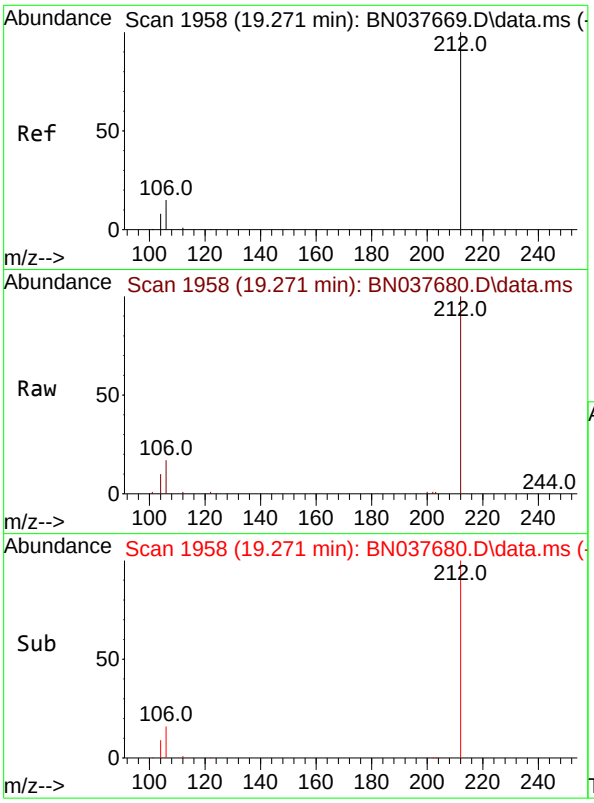


#26
Anthracene
Concen: 0.195 ng
RT: 17.372 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:178 Resp: 7138

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.3	12.0	18.0



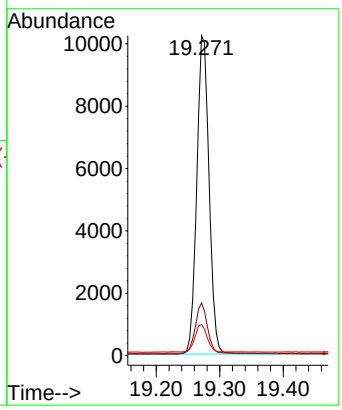


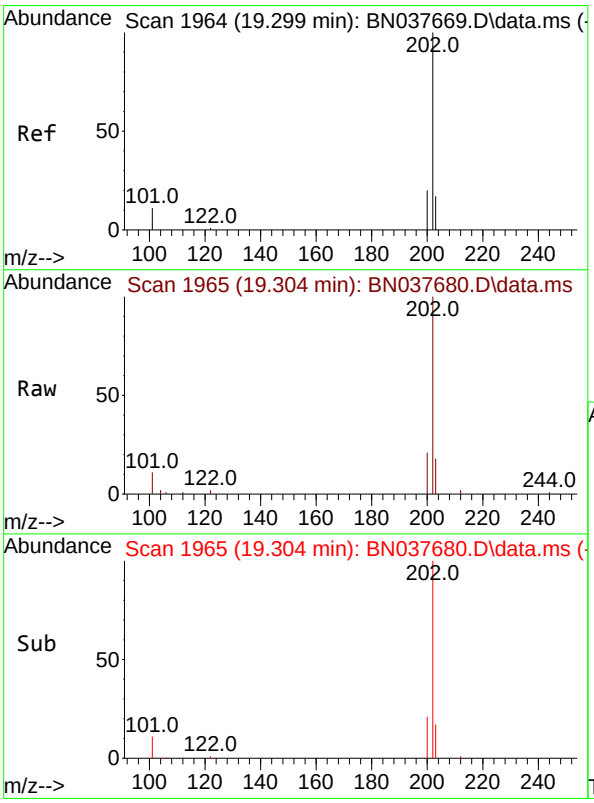
#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.271 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 13712

Ion	Ratio	Lower	Upper
212	100		
106	15.4	11.8	17.6
104	8.5	6.6	10.0

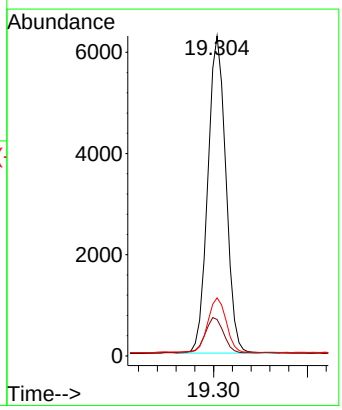


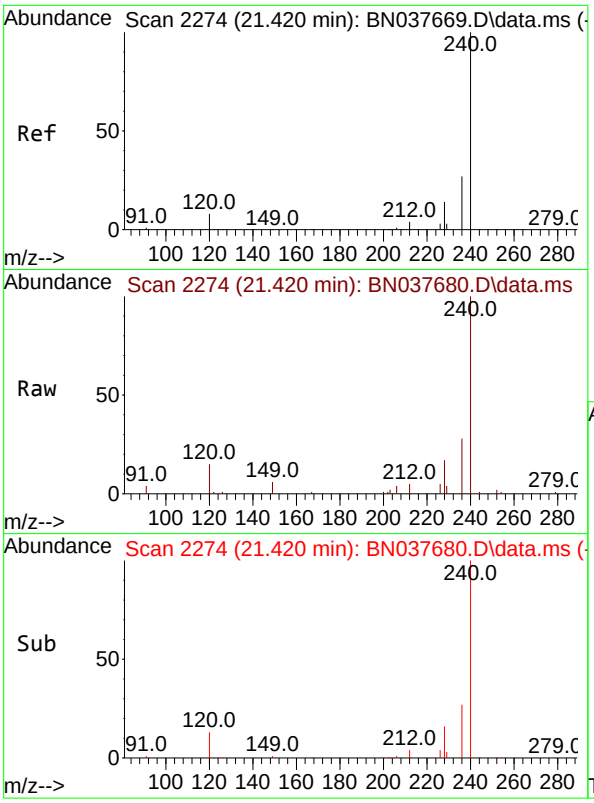


#28
Fluoranthene
Concen: 0.189 ng
RT: 19.304 min Scan# 1965
Delta R.T. 0.005 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:202 Resp: 8356

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.6
203	17.5	13.8	20.8



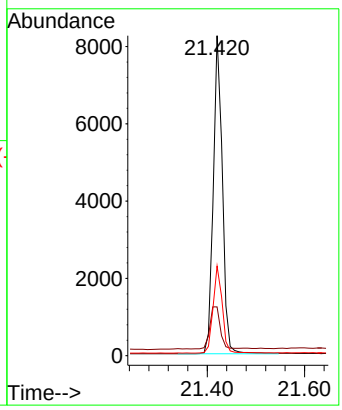


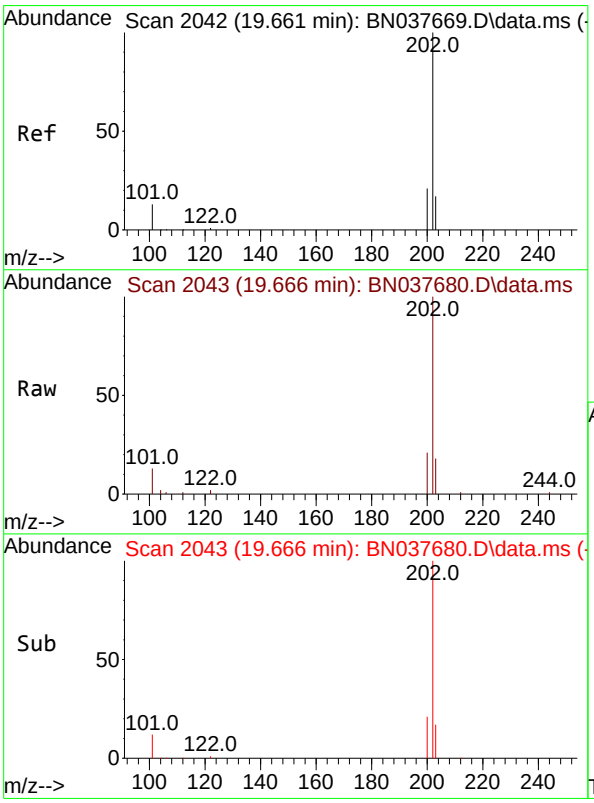
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 10626

Ion	Ratio	Lower	Upper
240	100		
120	15.2	8.5	12.7#
236	28.0	22.5	33.7

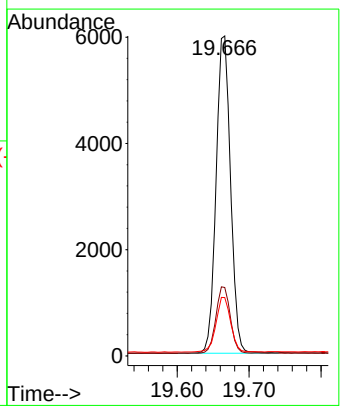


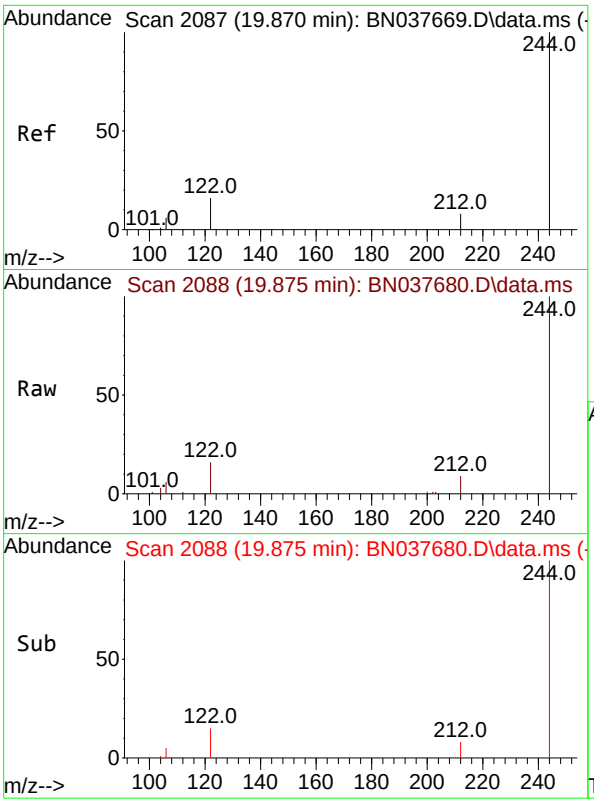


#30
Pyrene
Concen: 0.196 ng
RT: 19.666 min Scan# 2043
Delta R.T. 0.005 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:202 Resp: 8314

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.4	14.3	21.5



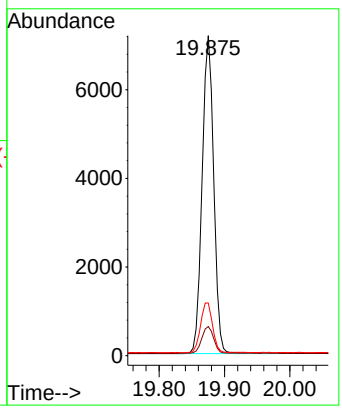


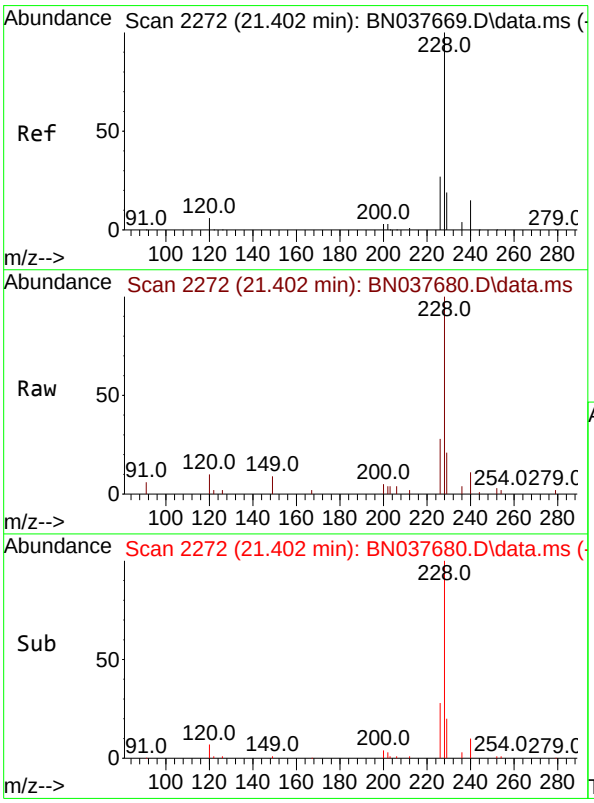
#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.875 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8806

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.4
122	16.4	13.4	20.2

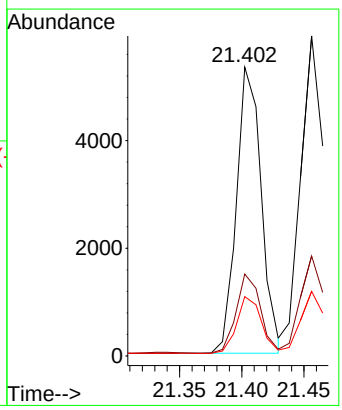


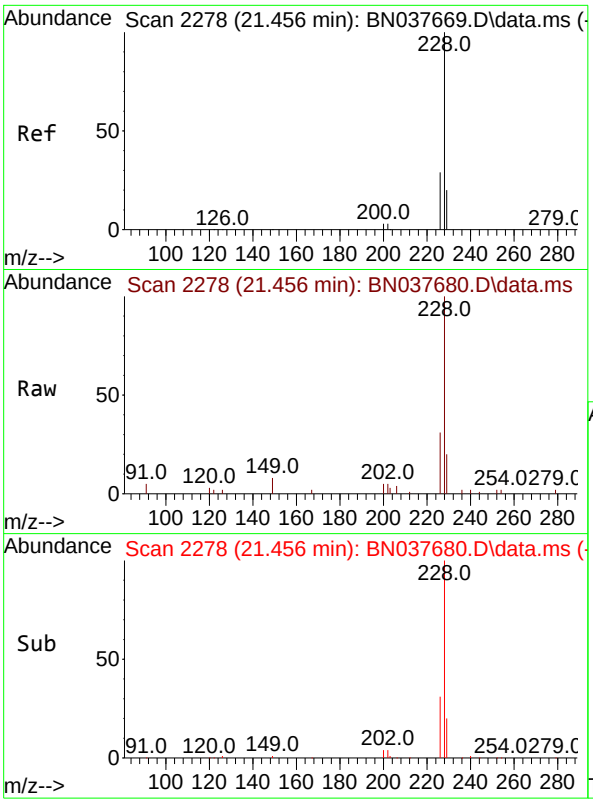


#32
Benzo(a)anthracene
Concen: 0.194 ng
RT: 21.402 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:228 Resp: 7361

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	20.6	15.8	23.6



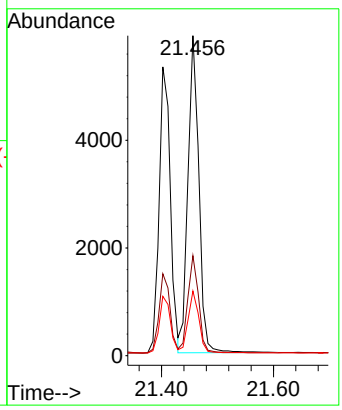


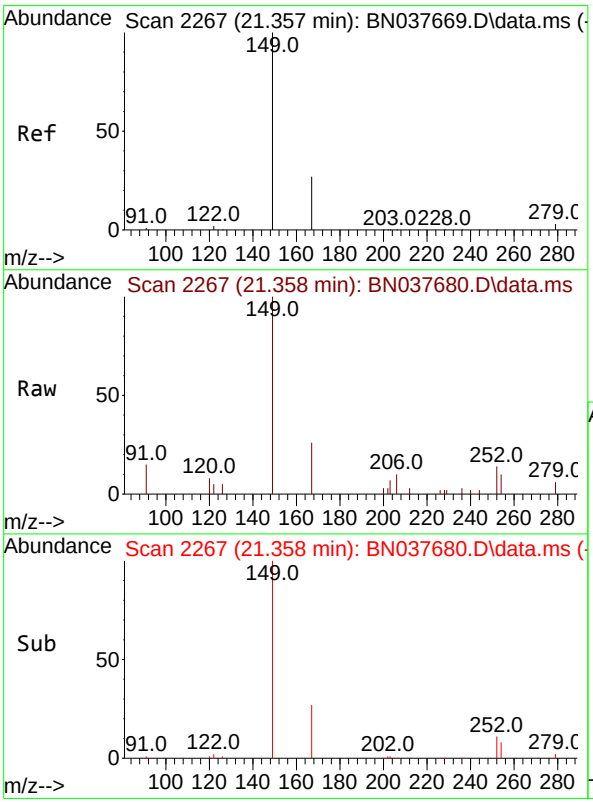
#33
Chrysene
Concen: 0.208 ng
RT: 21.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7997

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.5	35.3
229	20.2	16.1	24.1

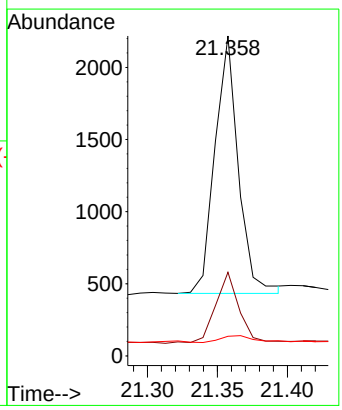


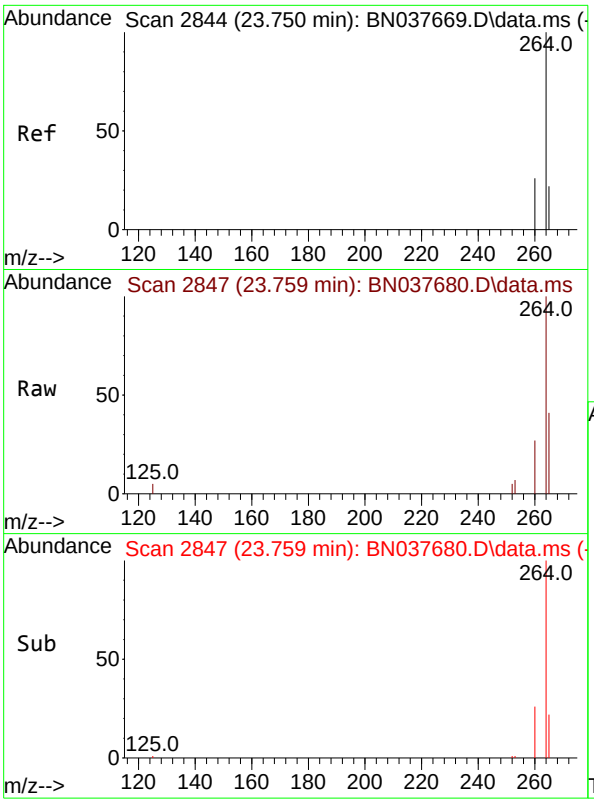


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.197 ng
RT: 21.358 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:149 Resp: 2073

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.4	32.0
279	4.4	2.6	3.8#



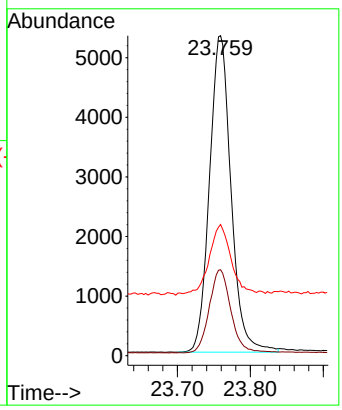


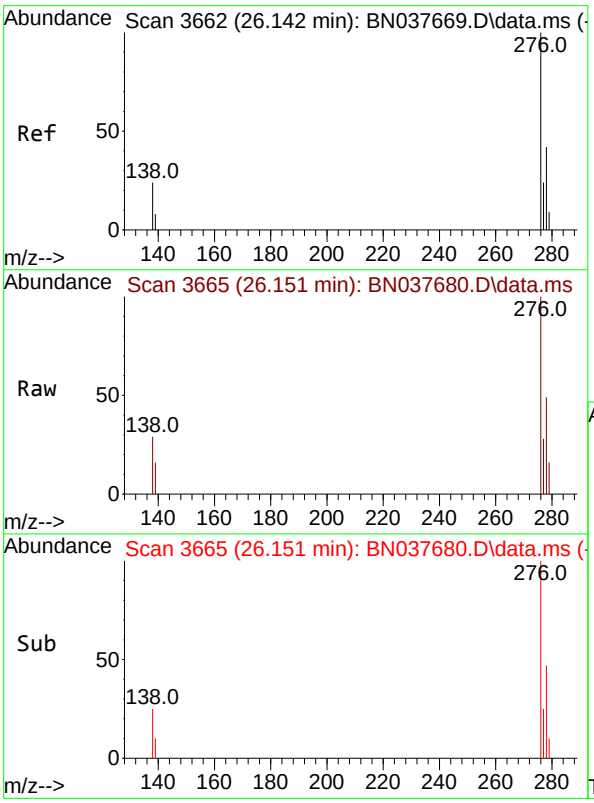
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.759 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 10909

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.2	31.8
265	41.0	28.2	42.4

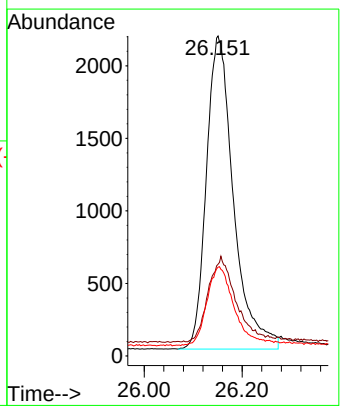


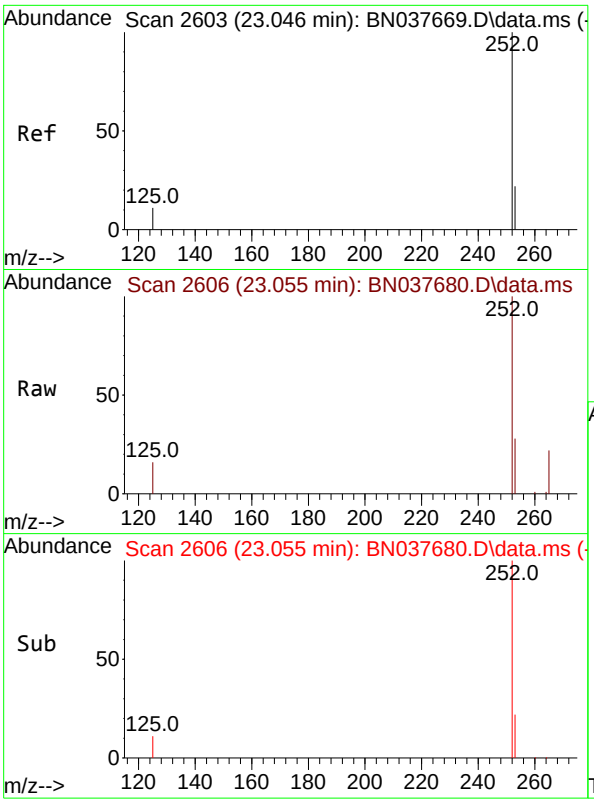


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng
RT: 26.151 min Scan# 3665
Delta R.T. 0.009 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:276 Resp: 8281

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.3	31.9
277	25.2	20.1	30.1



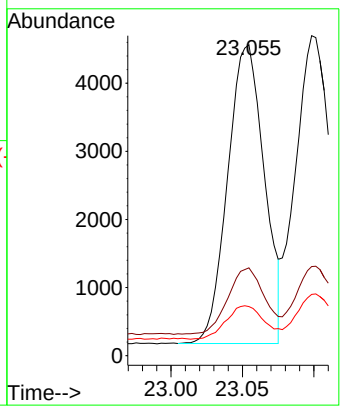


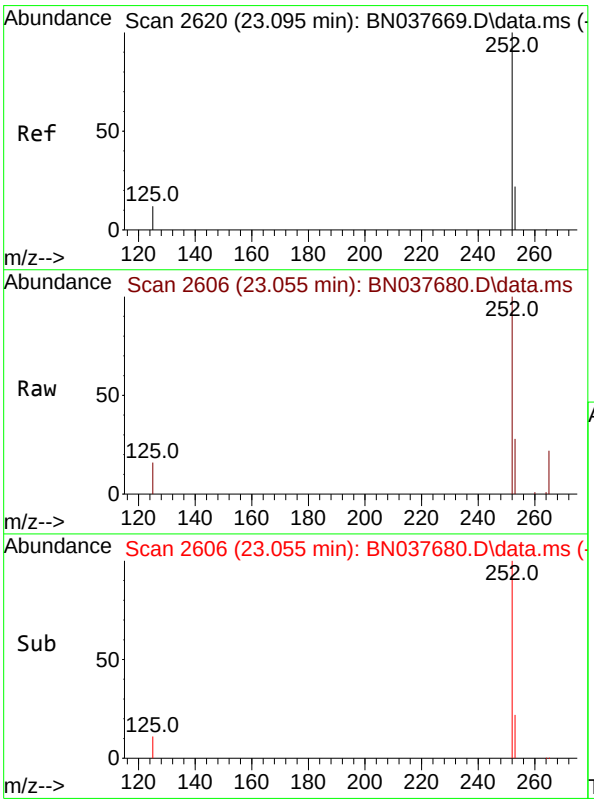
#37
Benzo(b)fluoranthene
Concen: 0.195 ng
RT: 23.055 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7824

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.7	29.5
125	15.8	10.2	15.2#

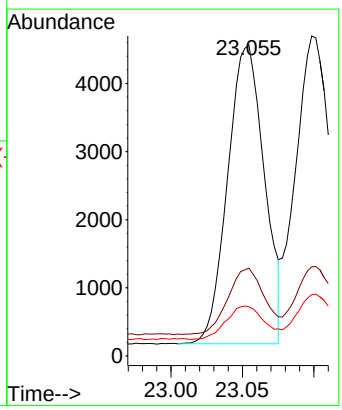


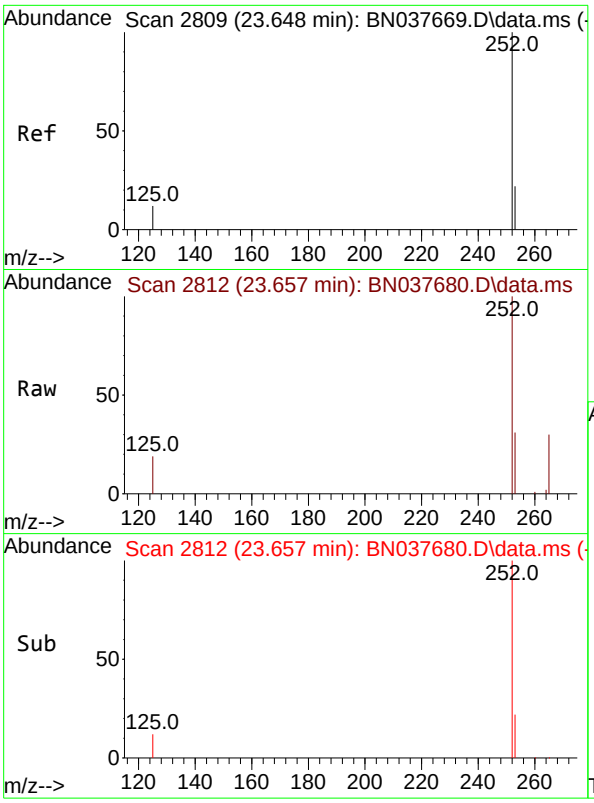


#38
Benzo(k)fluoranthene
Concen: 0.197 ng
RT: 23.055 min Scan# 2606
Delta R.T. -0.041 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:252 Resp: 7824

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.9	29.9
125	15.8	11.4	17.0



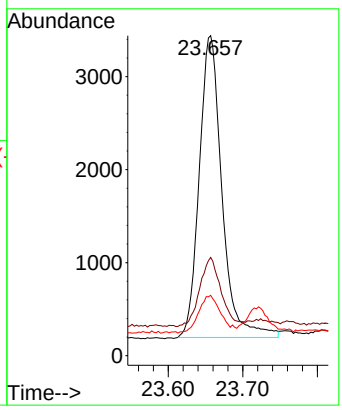


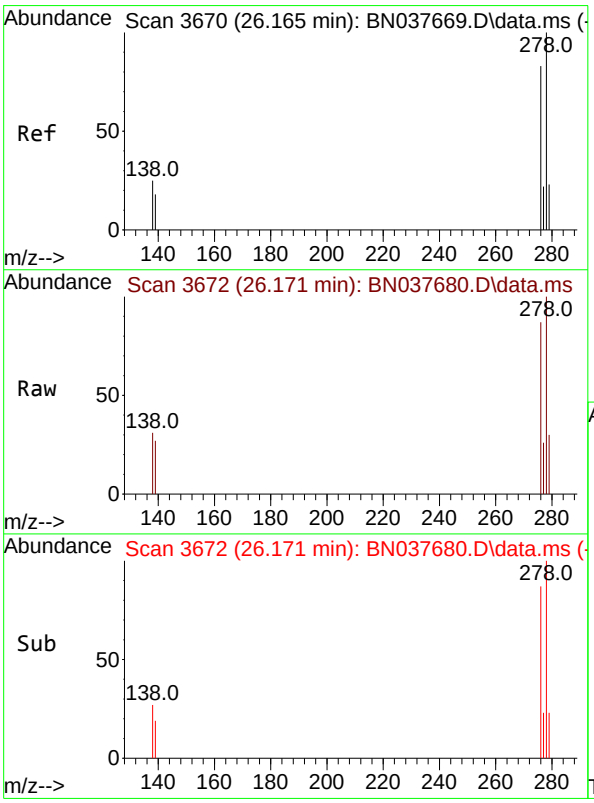
#39
Benzo(a)pyrene
Concen: 0.205 ng
RT: 23.657 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6864

Ion	Ratio	Lower	Upper
252	100		
253	30.7	20.7	31.1
125	18.9	11.9	17.9#

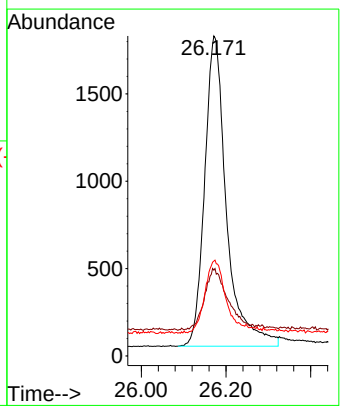


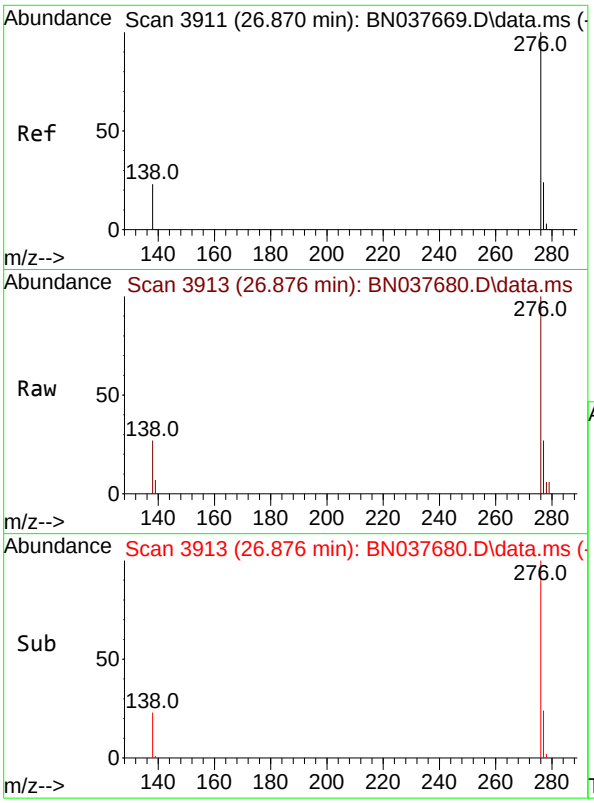


#40
Dibenzo(a,h)anthracene
Concen: 0.205 ng
RT: 26.171 min Scan# 3672
Delta R.T. 0.006 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Tgt Ion:278 Resp: 6366

Ion	Ratio	Lower	Upper
278	100		
139	26.8	19.1	28.7
279	29.6	20.9	31.3





#41
Benzo(g,h,i)perylene
Concen: 0.201 ng
RT: 26.876 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN037680.D
Acq: 10 Sep 2025 12:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7553

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.9	29.9
138	26.7	20.5	30.7