Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037658.D
Acq On : 04 Sep 2025 14:46
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 04 18:21:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration

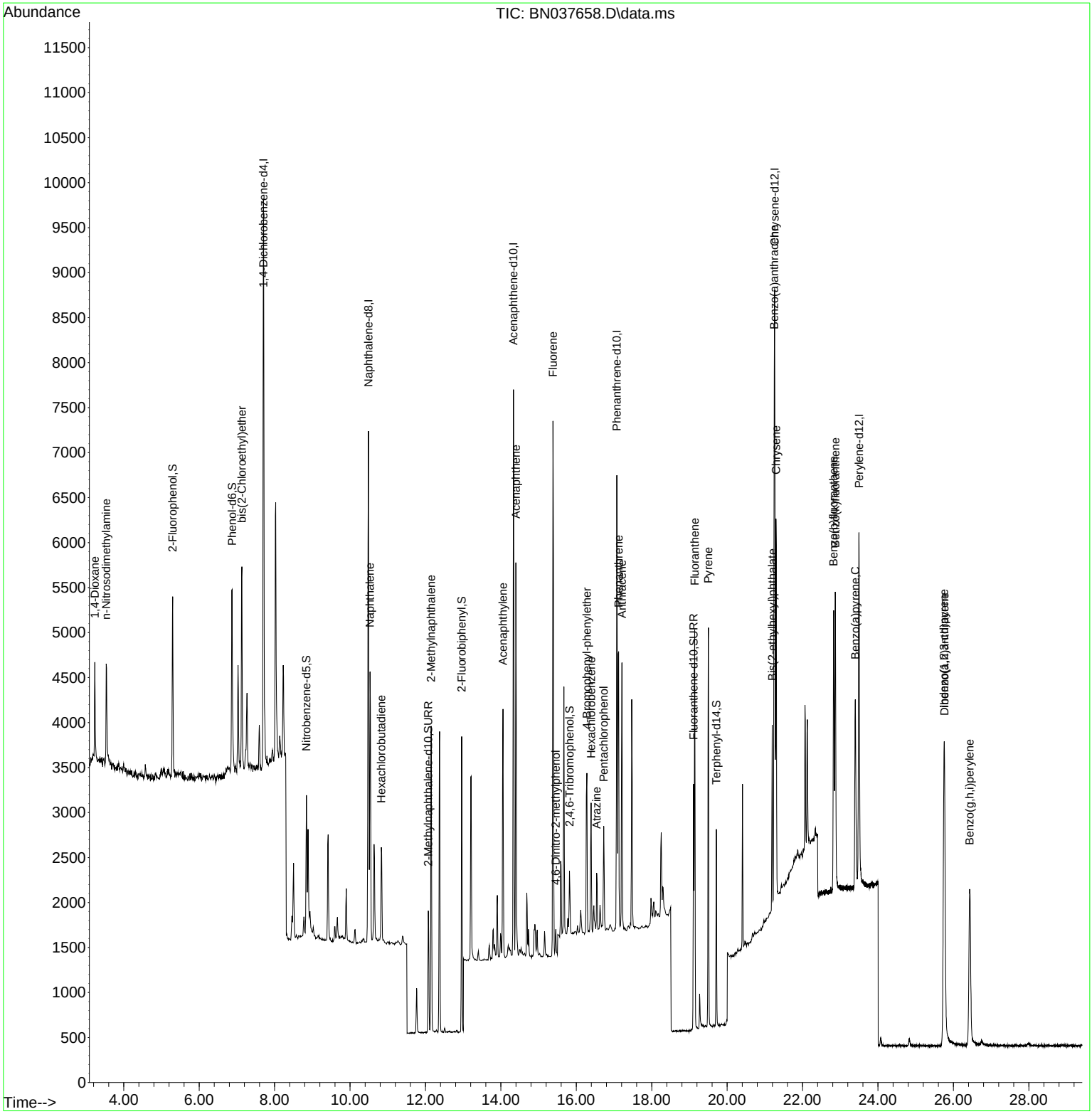
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.703	152	3173	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	7384	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	3390	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	6309	0.400	ng		0.00
29) Chrysene-d12	21.259	240	5233	0.400	ng		0.00
35) Perylene-d12	23.496	264	5236	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	1564	0.202	ng		0.00
5) Phenol-d6	6.872	99	1865	0.201	ng		0.00
8) Nitrobenzene-d5	8.843	82	1117	0.193	ng		0.00
11) 2-Methylnaphthalene-d10	12.075	152	1851	0.190	ng		0.00
14) 2,4,6-Tribromophenol	15.820	330	381	0.208	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	3621	0.191	ng		0.00
27) Fluoranthene-d10	19.109	212	2924	0.186	ng		0.00
31) Terphenyl-d14	19.712	244	2042	0.198	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	653	0.207	ng		97
3) n-Nitrosodimethylamine	3.535	42	804	0.196	ng	#	97
6) bis(2-Chloroethyl)ether	7.132	93	1600	0.202	ng		100
9) Naphthalene	10.530	128	3989	0.198	ng		97
10) Hexachlorobutadiene	10.829	225	917	0.199	ng	#	99
12) 2-Methylnaphthalene	12.151	142	2365	0.193	ng		98
16) Acenaphthylene	14.056	152	2991	0.193	ng		99
17) Acenaphthene	14.398	154	2051	0.191	ng		99
18) Fluorene	15.382	166	2441	0.186	ng		100
20) 4,6-Dinitro-2-methylph...	15.457	198	197	0.178	ng	#	65
21) 4-Bromophenyl-phenylether	16.280	248	762	0.186	ng		96
22) Hexachlorobenzene	16.391	284	1084	0.191	ng		98
23) Atrazine	16.540	200	535	0.193	ng	#	88
24) Pentachlorophenol	16.727	266	534	0.205	ng		95
25) Phenanthrene	17.124	178	3698	0.192	ng		99
26) Anthracene	17.211	178	3161	0.186	ng		100
28) Fluoranthene	19.141	202	3902	0.183	ng		100
30) Pyrene	19.503	202	3969	0.197	ng		100
32) Benzo(a)anthracene	21.250	228	3560	0.198	ng		99
33) Chrysene	21.295	228	3799	0.198	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	1925	0.211	ng		99
36) Indeno(1,2,3-cd)pyrene	25.750	276	4419	0.179	ng		99
37) Benzo(b)fluoranthene	22.823	252	3994	0.189	ng	#	90
38) Benzo(k)fluoranthene	22.867	252	4105	0.185	ng	#	89
39) Benzo(a)pyrene	23.396	252	3234	0.185	ng	#	88
40) Dibenzo(a,h)anthracene	25.765	278	3359	0.174	ng		92
41) Benzo(g,h,i)perylene	26.431	276	3787	0.182	ng		96

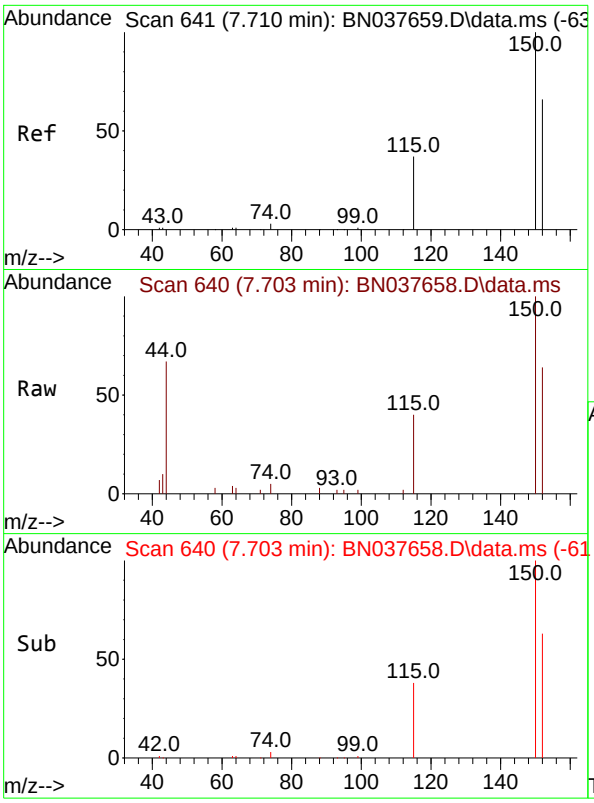
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037658.D
Acq On : 04 Sep 2025 14:46
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 04 18:21:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration



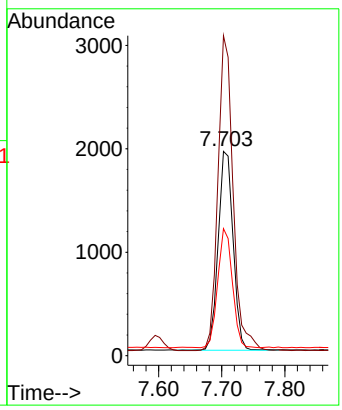


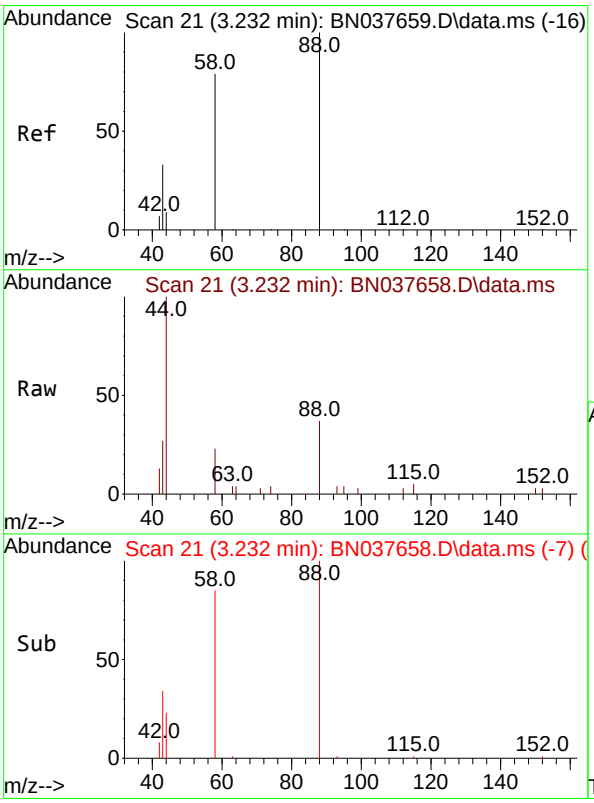
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3173

Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.9	179.9
115	62.2	46.8	70.2

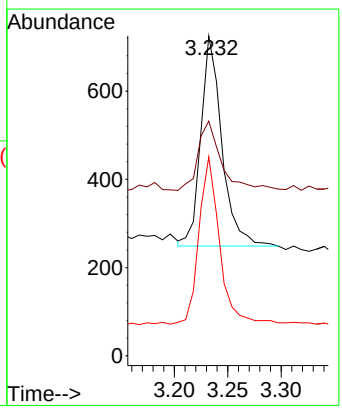


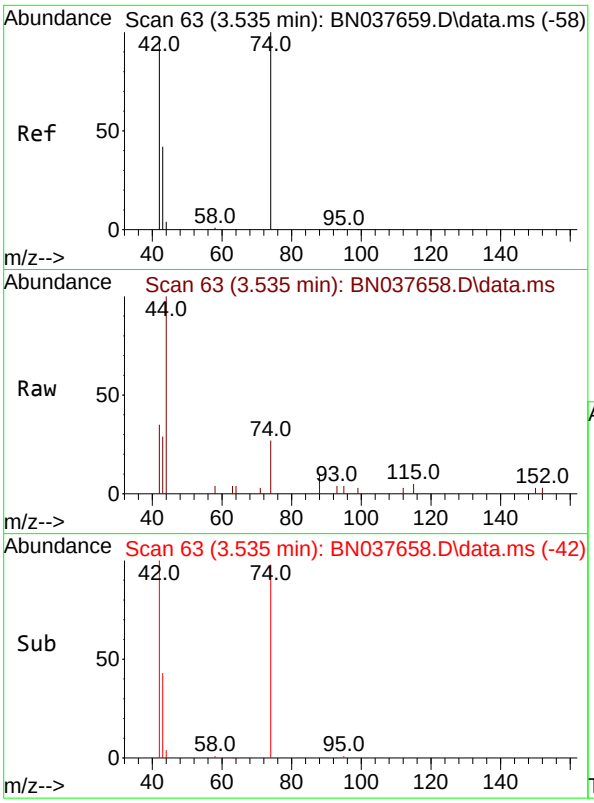


#2
1,4-Dioxane
Concen: 0.207 ng
RT: 3.232 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion: 88 Resp: 653

Ion	Ratio	Lower	Upper
88	100		
43	36.3	26.6	40.0
58	79.6	62.0	93.0



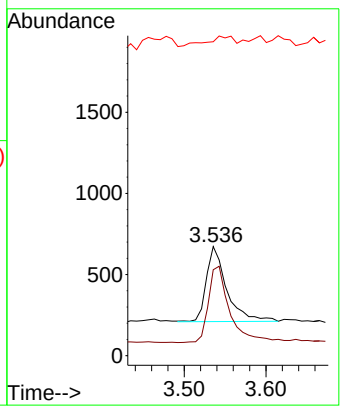


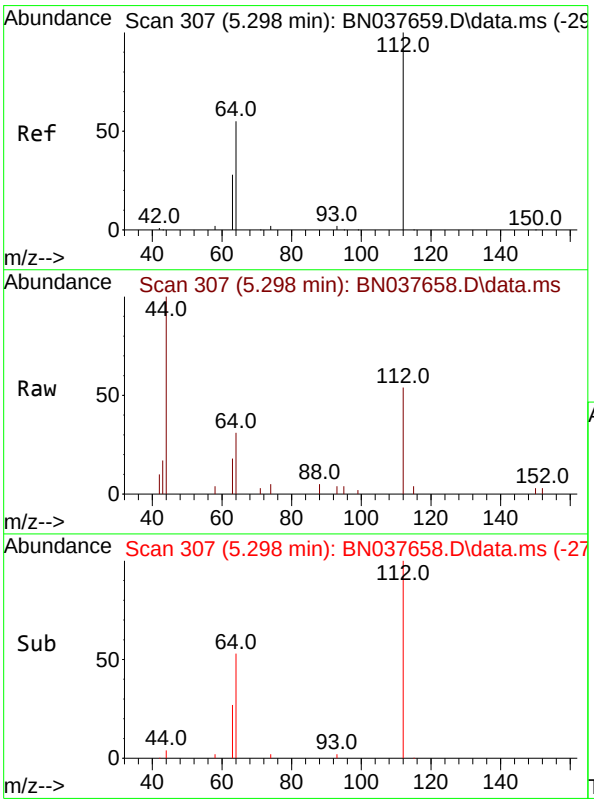
#3
n-Nitrosodimethylamine
Concen: 0.196 ng
RT: 3.535 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 804

Ion	Ratio	Lower	Upper
42	100		
74	107.6	86.2	129.2
44	24.3	5.2	7.8#

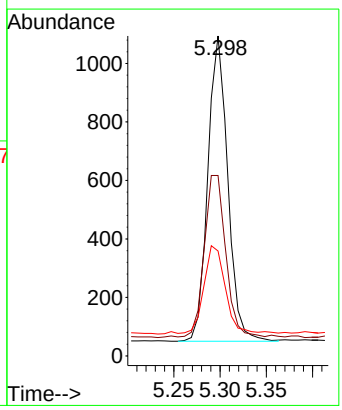


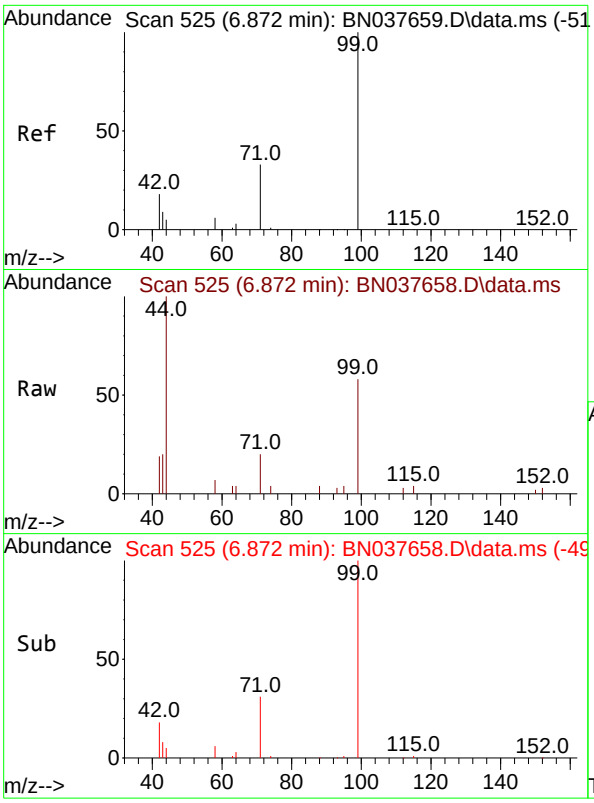


#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.298 min Scan# 307
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:112 Resp: 1564

Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.8	68.6
63	31.9	24.2	36.4



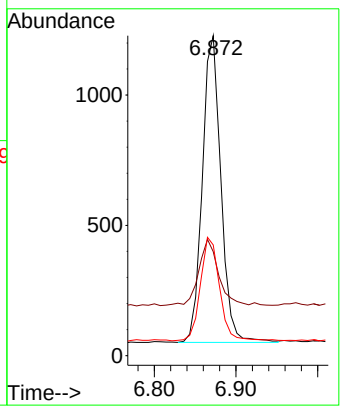


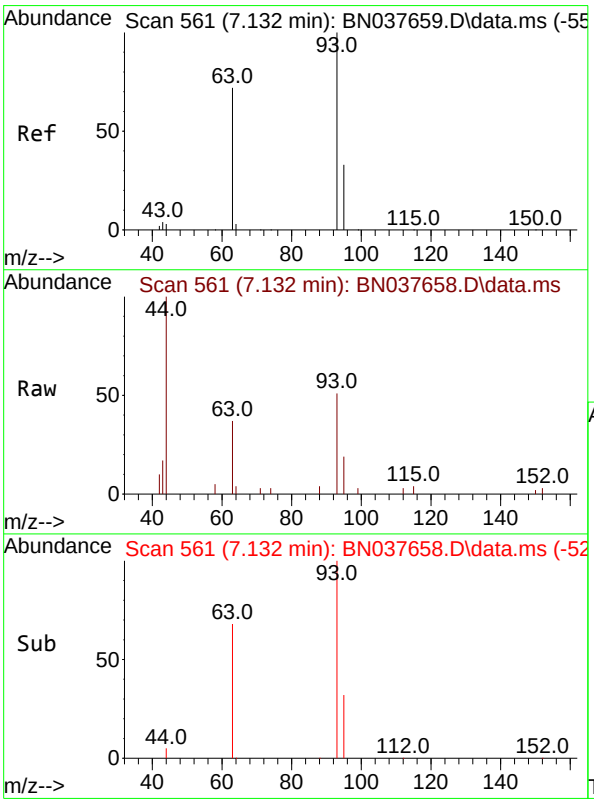
#5
Phenol-d6
Concen: 0.201 ng
RT: 6.872 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1865

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.7	26.5
71	34.9	27.5	41.3

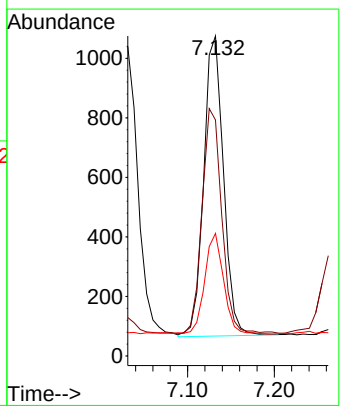


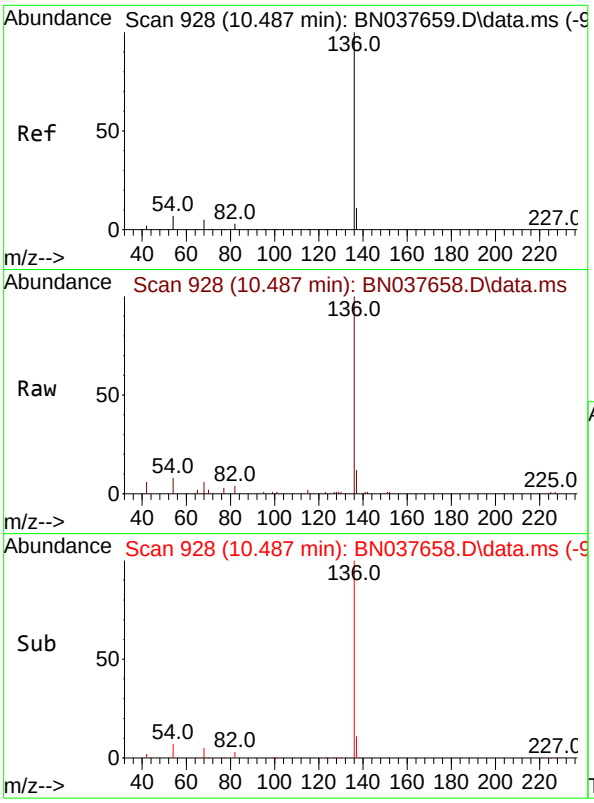


#6
bis(2-Chloroethyl)ether
Concen: 0.202 ng
RT: 7.132 min Scan# 561
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion: 93 Resp: 1600

Ion	Ratio	Lower	Upper
93	100		
63	75.6	60.6	91.0
95	31.9	25.7	38.5



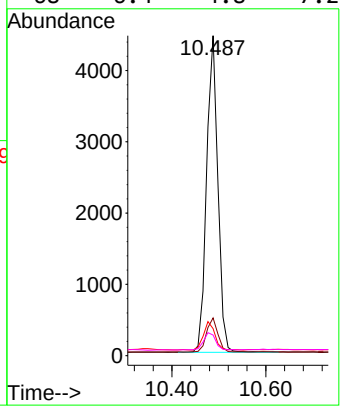


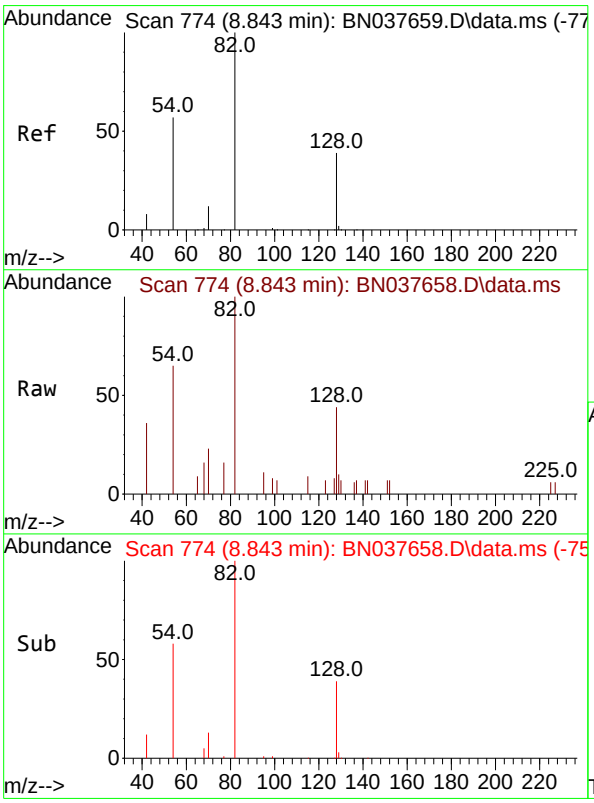
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 7384

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	8.5	6.3	9.5
68	6.4	4.8	7.2

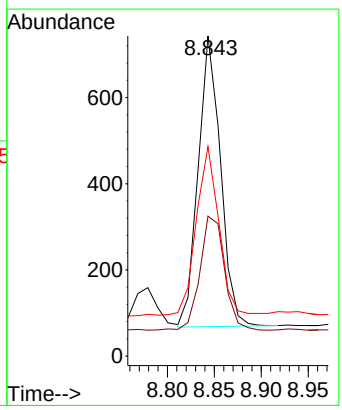


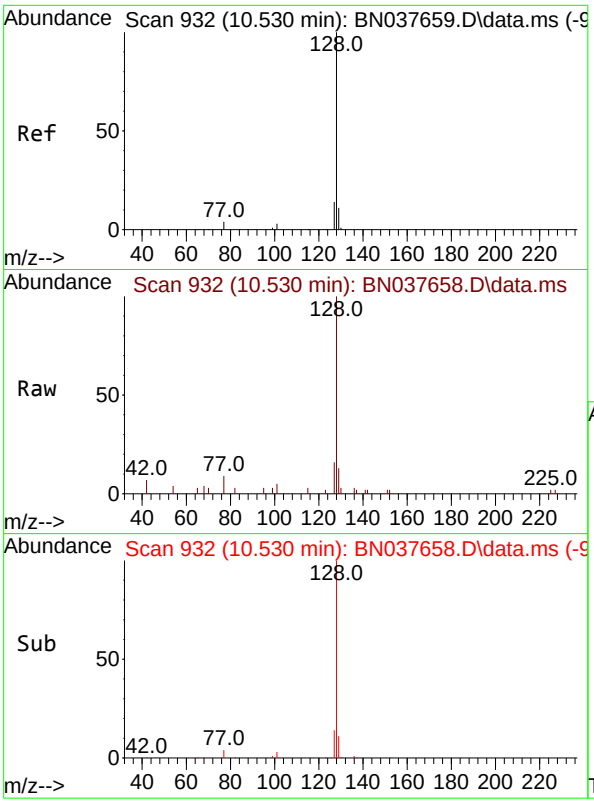


#8
Nitrobenzene-d5
Concen: 0.193 ng
RT: 8.843 min Scan# 774
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion: 82 Resp: 1117

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.0	49.6
54	65.4	47.9	71.9



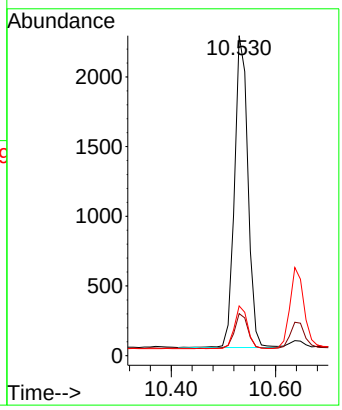


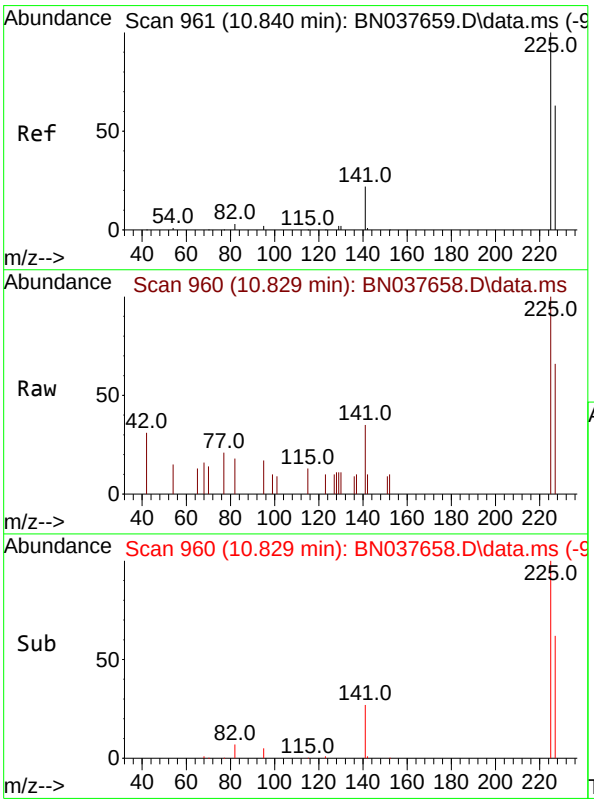
#9
Naphthalene
Concen: 0.198 ng
RT: 10.530 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 3989

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.7	14.5
127	15.5	11.5	17.3

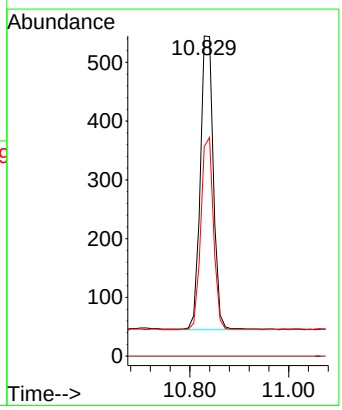


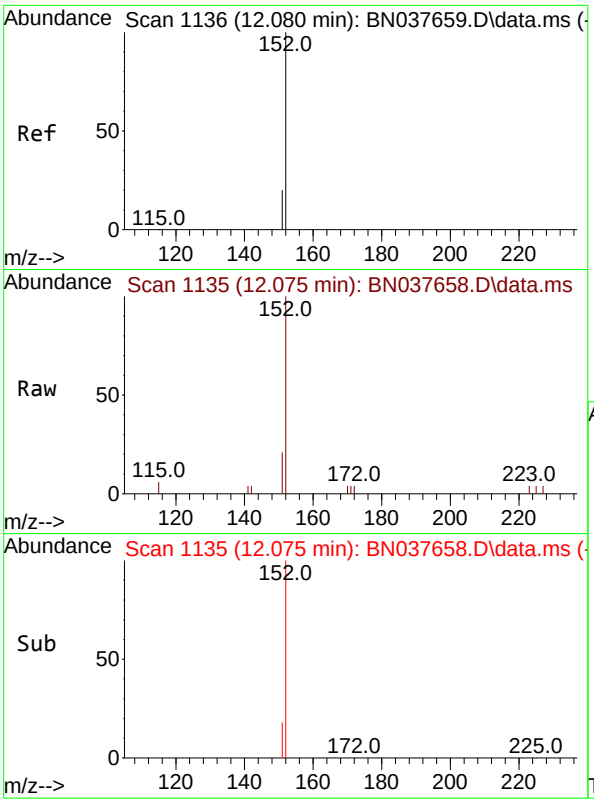


#10
Hexachlorobutadiene
Concen: 0.199 ng
RT: 10.829 min Scan# 960
Delta R.T. -0.011 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:225 Resp: 917

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.5	75.7



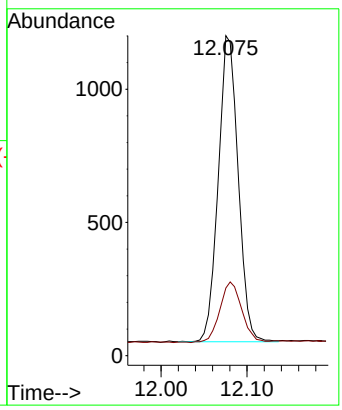


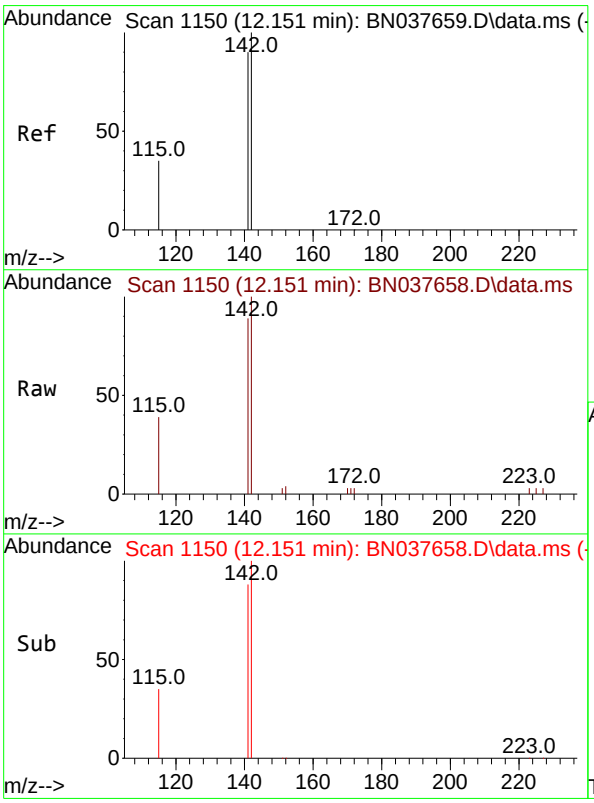
#11
2-Methylnaphthalene-d10
Concen: 0.190 ng
RT: 12.075 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1851

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.3	25.9

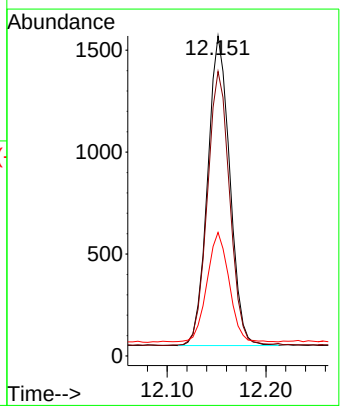


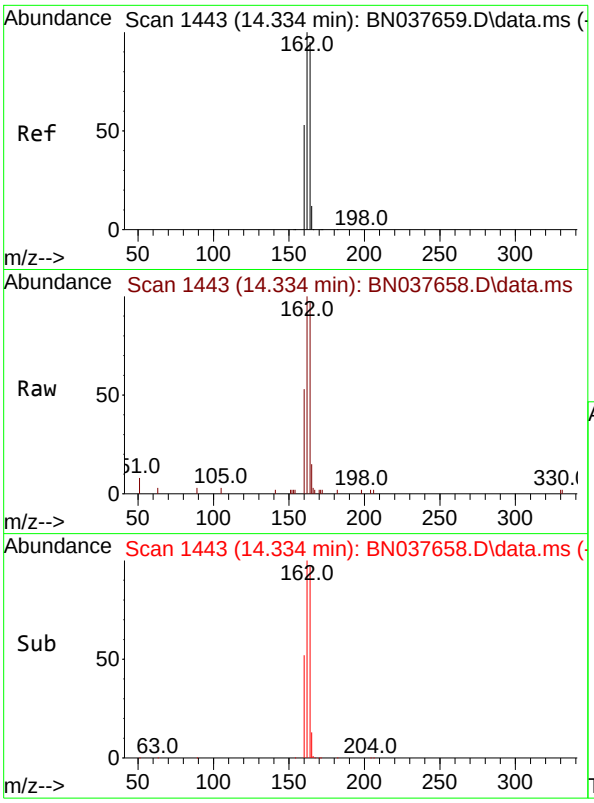


#12
2-Methylnaphthalene
Concen: 0.193 ng
RT: 12.151 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:142 Resp: 2365

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.8	107.8
115	38.6	29.4	44.2



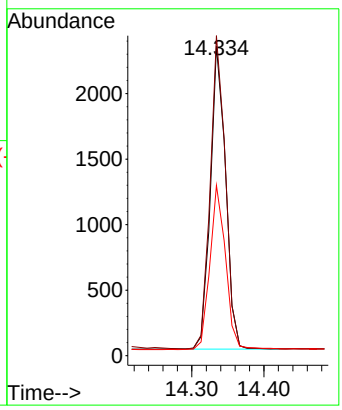


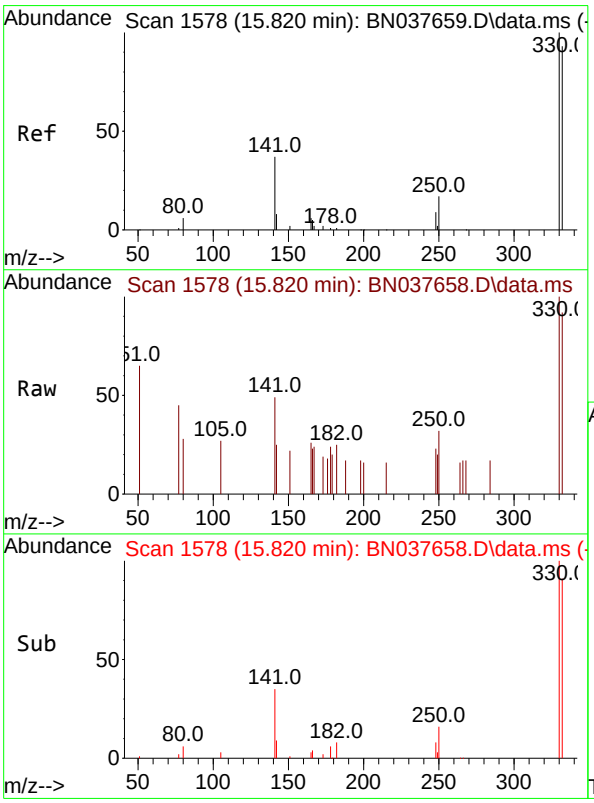
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 3390

Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.6	126.8
160	55.0	45.6	68.4

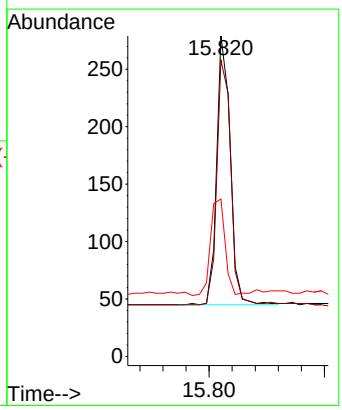


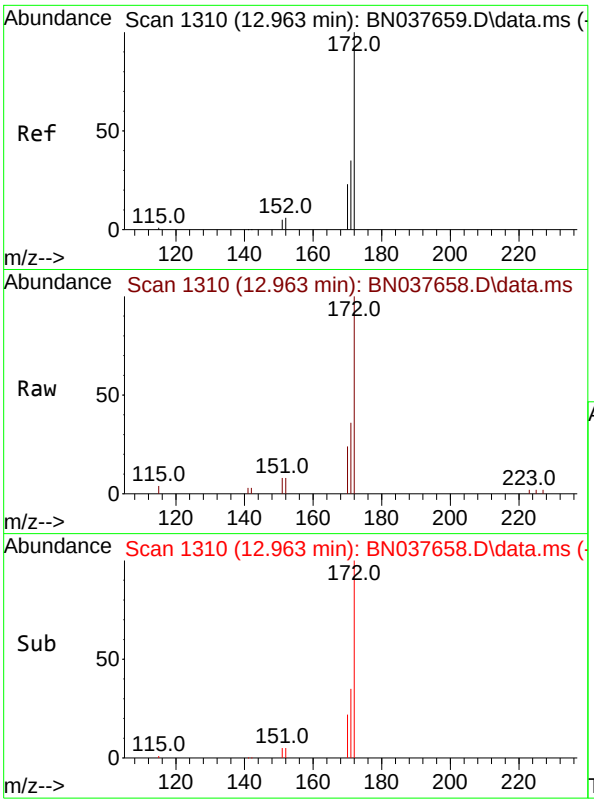


#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.820 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:330 Resp: 381

Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.9	115.3
141	38.6	31.4	47.2



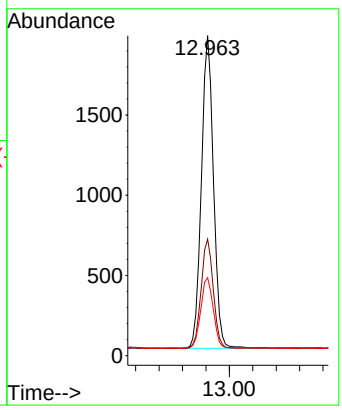


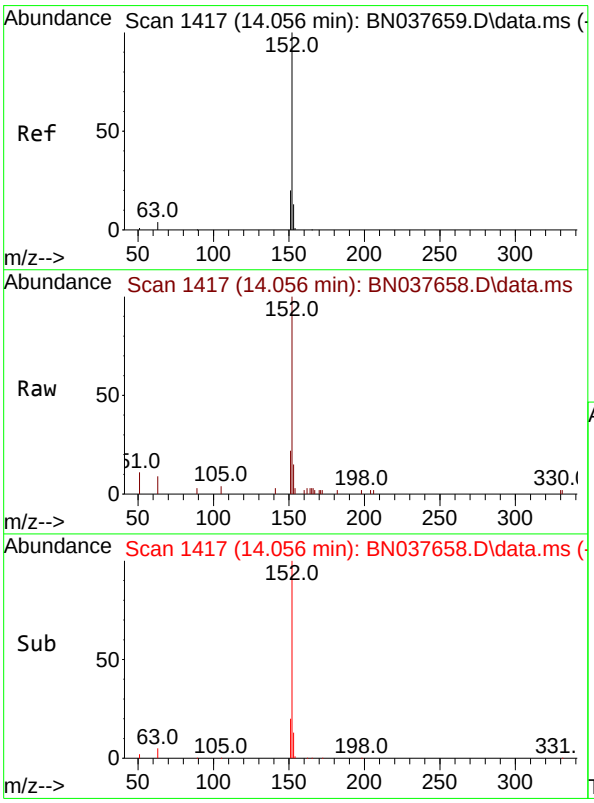
#15
2-Fluorobiphenyl
Concen: 0.191 ng
RT: 12.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3621

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.4	19.4	29.2

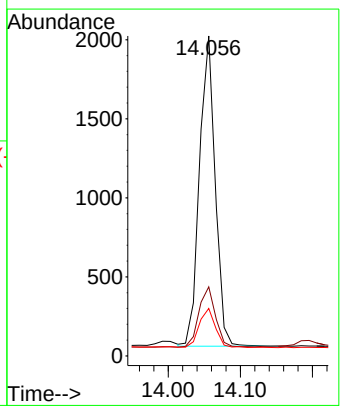


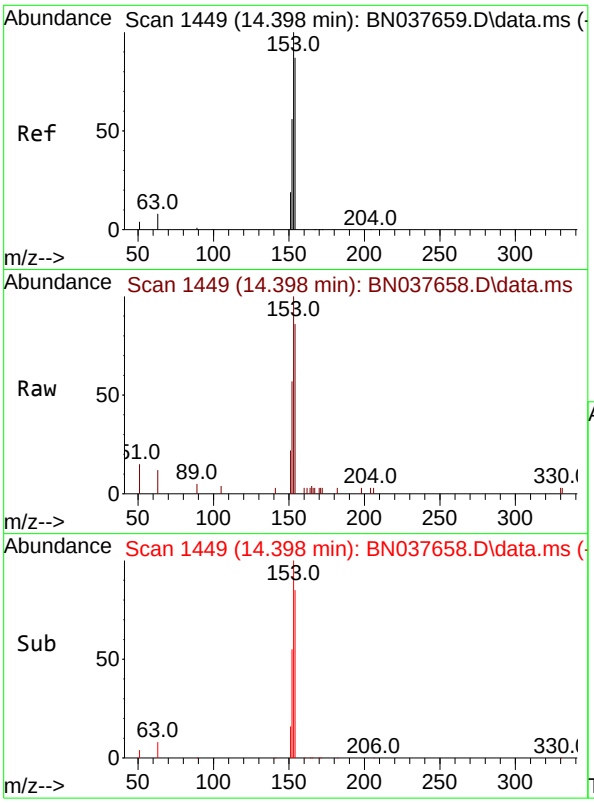


#16
Acenaphthylene
Concen: 0.193 ng
RT: 14.056 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:152 Resp: 2991

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.2	10.9	16.3



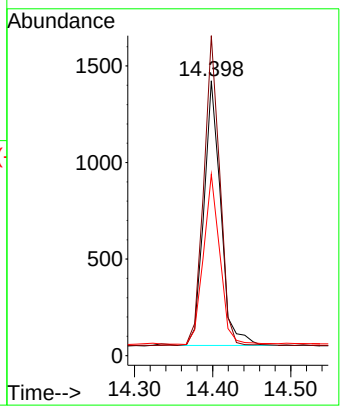


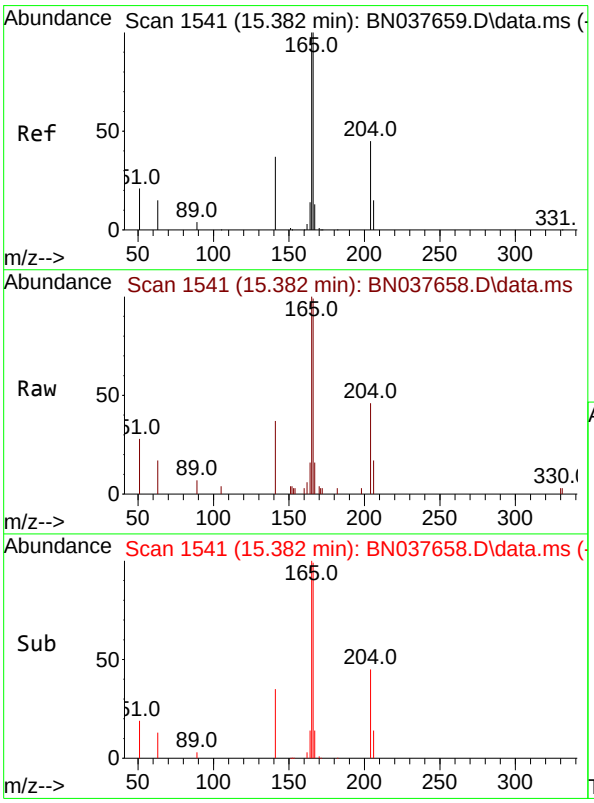
#17
Acenaphthene
Concen: 0.191 ng
RT: 14.398 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 2051

Ion	Ratio	Lower	Upper
154	100		
153	111.6	88.3	132.5
152	62.7	51.4	77.2

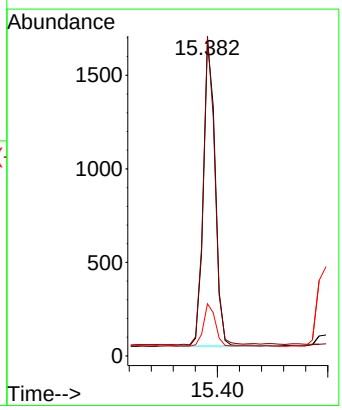


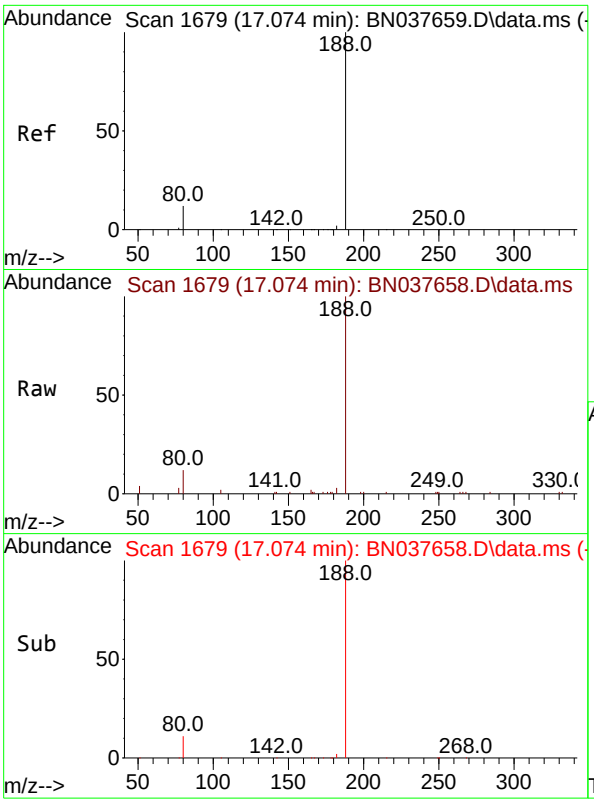


#18
Fluorene
Concen: 0.186 ng
RT: 15.382 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:166 Resp: 2441

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.4
167	13.7	10.5	15.7



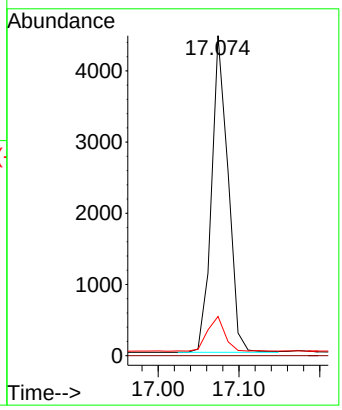


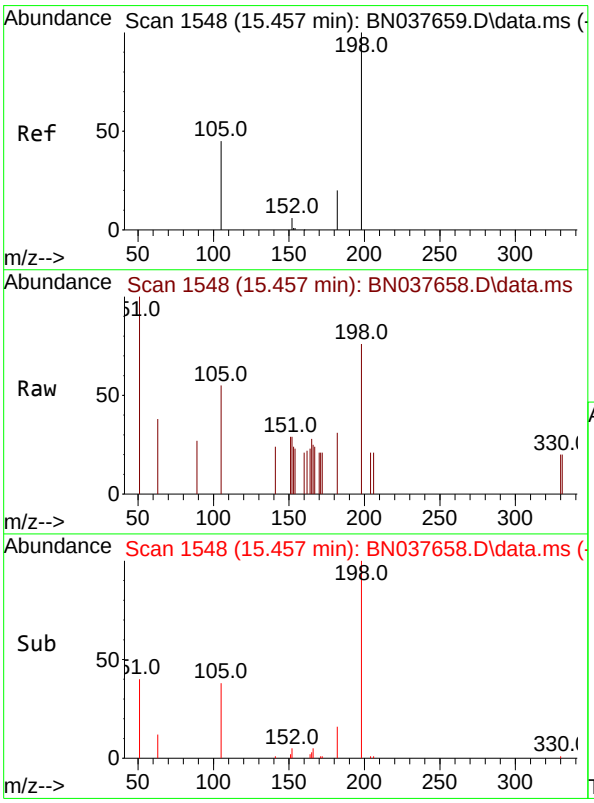
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 6309

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	10.8	16.2

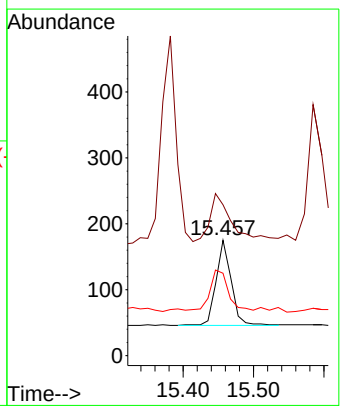


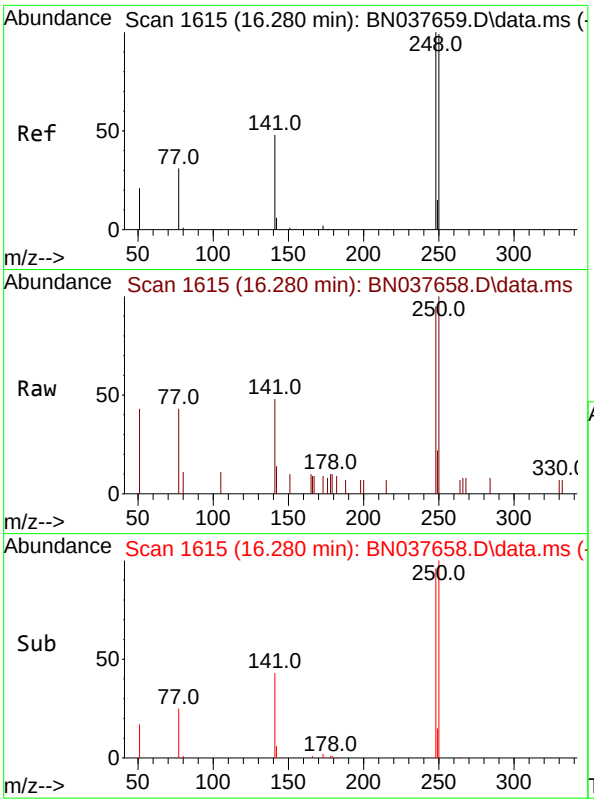


#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.457 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:198 Resp: 197

Ion	Ratio	Lower	Upper
198	100		
51	130.9	69.0	103.4#
105	71.4	47.8	71.8



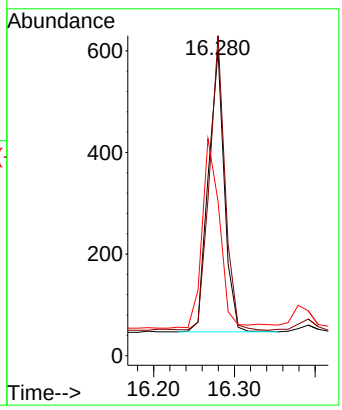


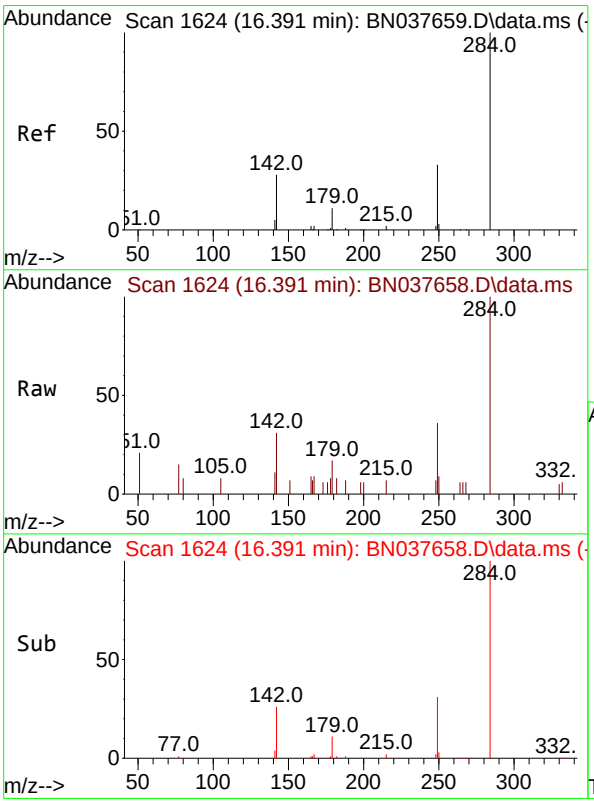
#21
4-Bromophenyl-phenylether
Concen: 0.186 ng
RT: 16.280 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 762

Ion	Ratio	Lower	Upper
248	100		
250	104.8	79.2	118.8
141	50.6	40.2	60.4

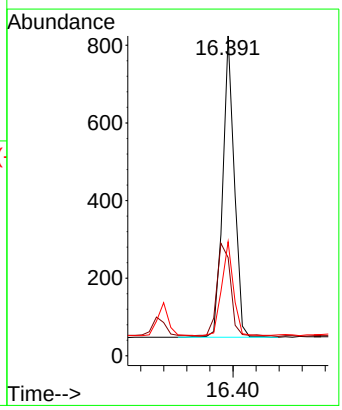


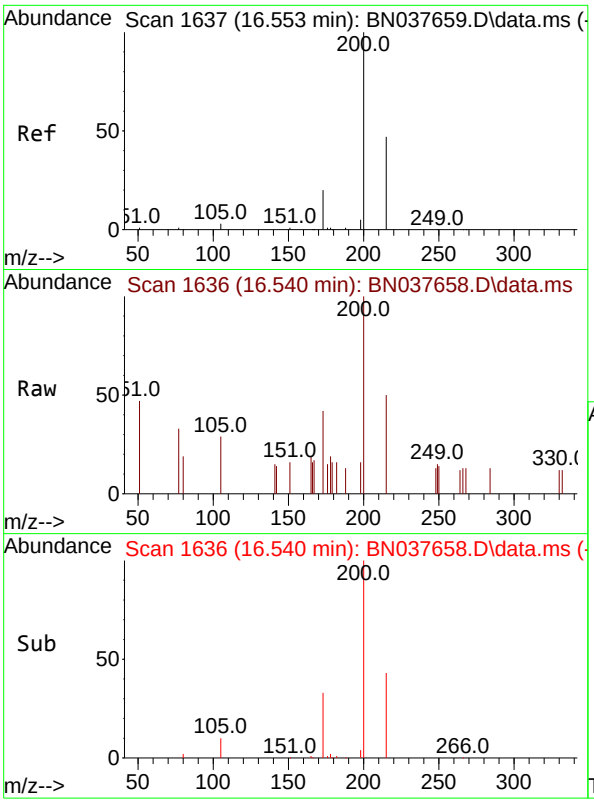


#22
Hexachlorobenzene
Concen: 0.191 ng
RT: 16.391 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:284 Resp: 1084

Ion	Ratio	Lower	Upper
284	100		
142	37.2	28.4	42.6
249	32.2	25.1	37.7



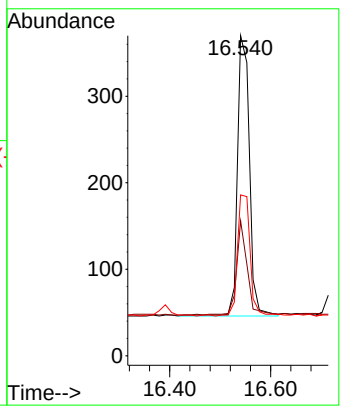


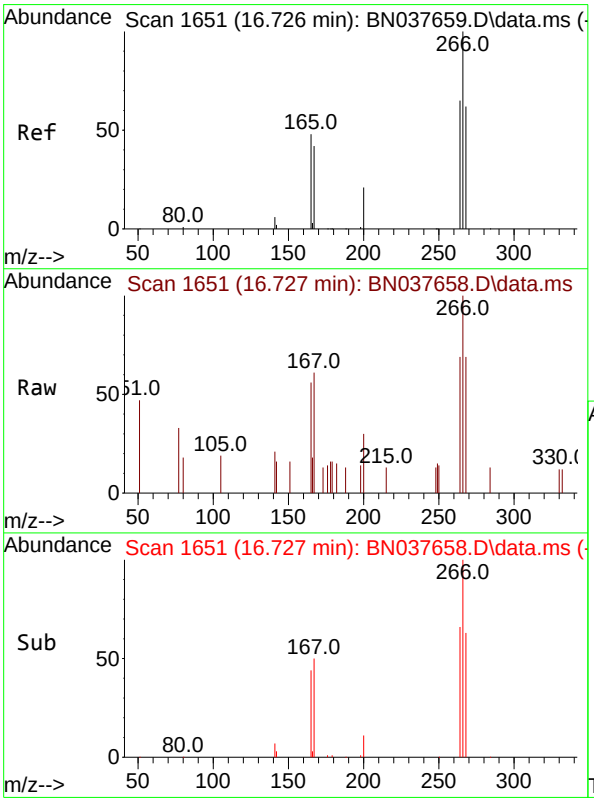
#23
Atrazine
Concen: 0.193 ng
RT: 16.540 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 535

Ion	Ratio	Lower	Upper
200	100		
173	42.2	20.1	30.1#
215	50.3	40.6	61.0

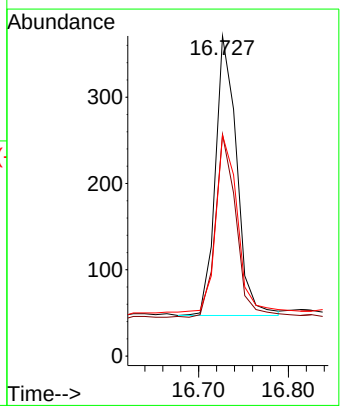


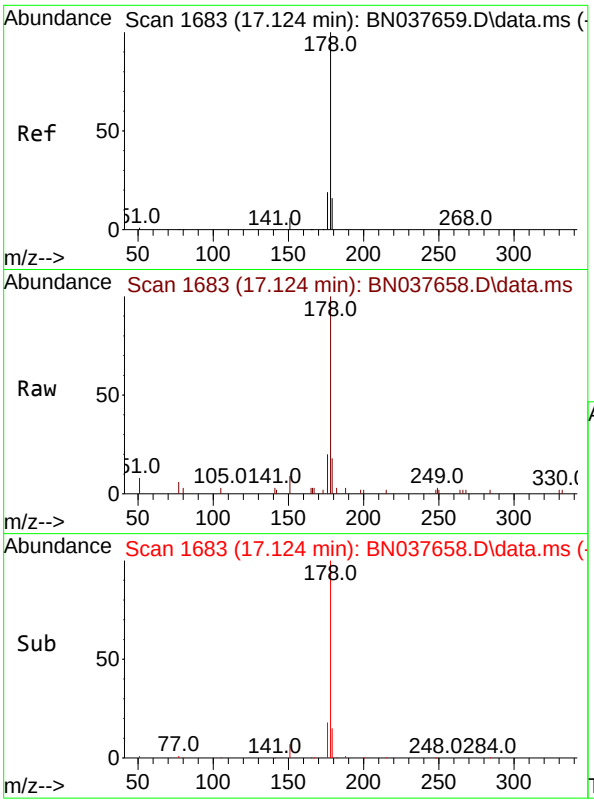


#24
Pentachlorophenol
Concen: 0.205 ng
RT: 16.727 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:266 Resp: 534

Ion	Ratio	Lower	Upper
266	100		
264	65.2	49.6	74.4
268	67.8	50.2	75.2



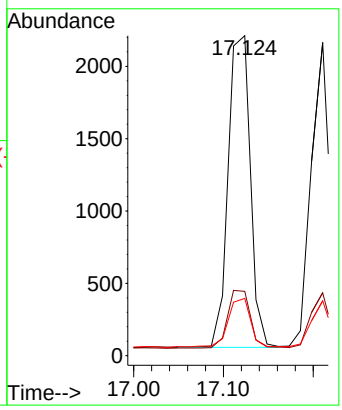


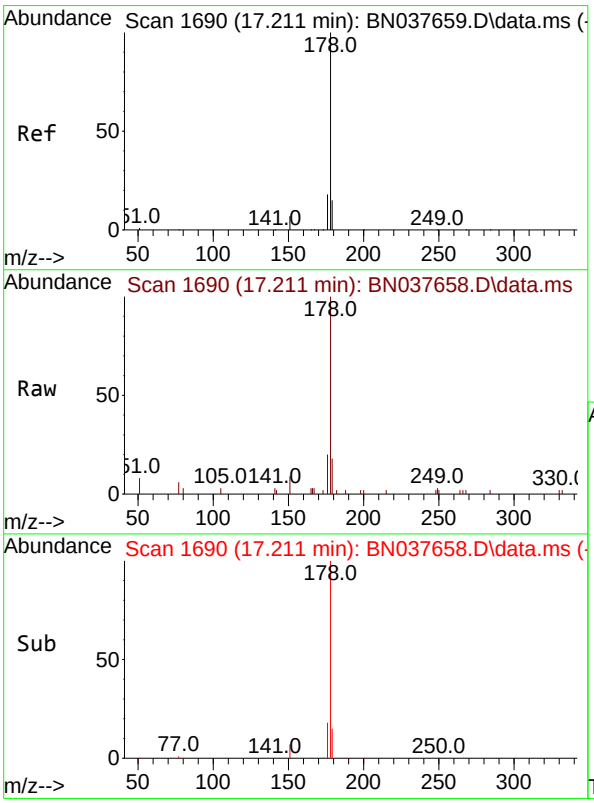
#25
Phenanthrene
Concen: 0.192 ng
RT: 17.124 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3698

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	16.1	12.5	18.7

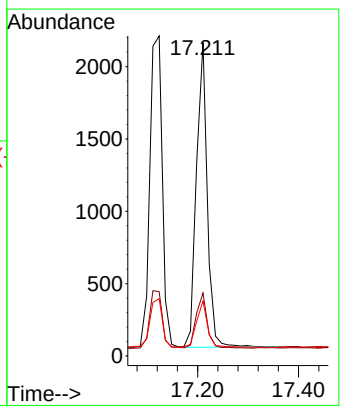


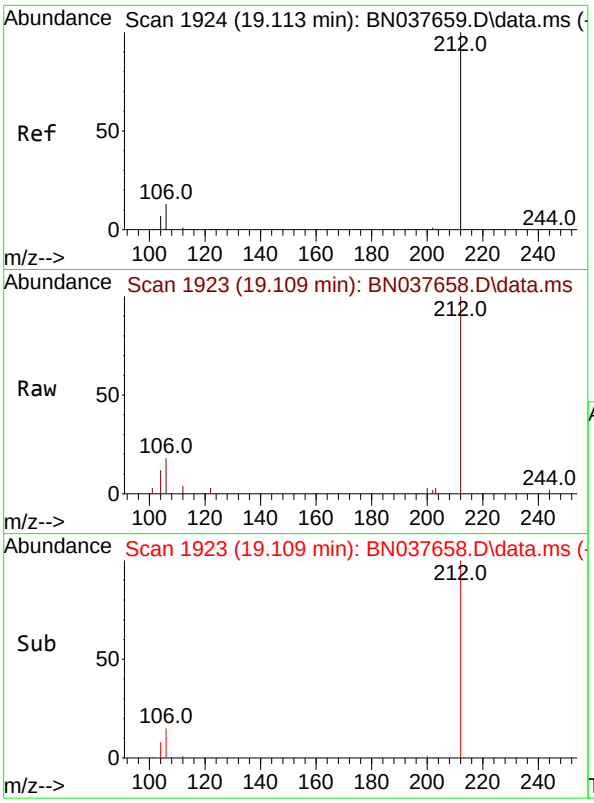


#26
Anthracene
Concen: 0.186 ng
RT: 17.211 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:178 Resp: 3161

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.5	12.2	18.2



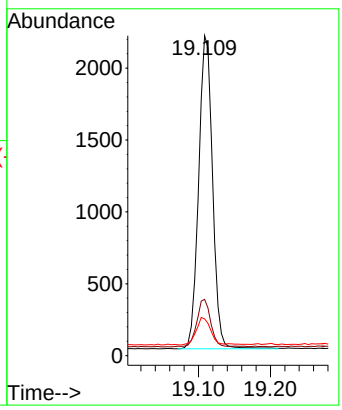


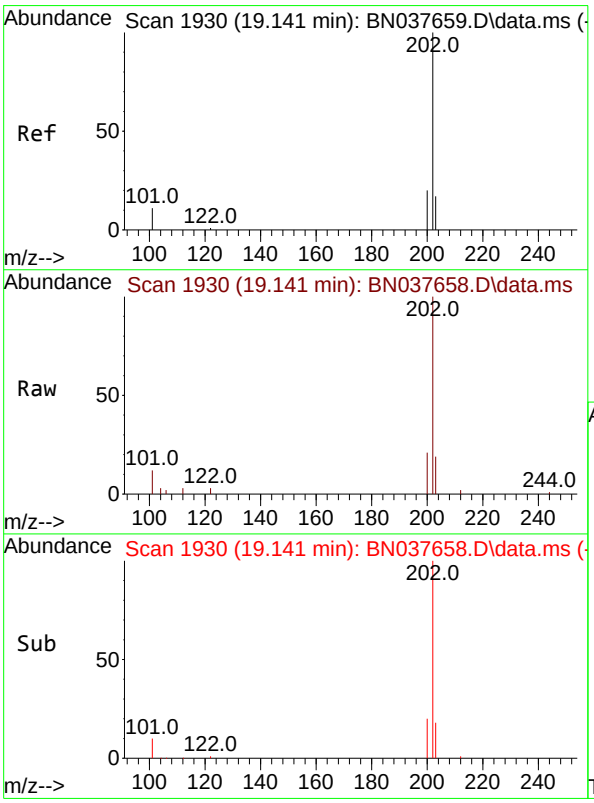
#27
Fluoranthene-d10
Concen: 0.186 ng
RT: 19.109 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 2924

Ion	Ratio	Lower	Upper
212	100		
106	15.0	12.0	18.0
104	9.0	6.8	10.2

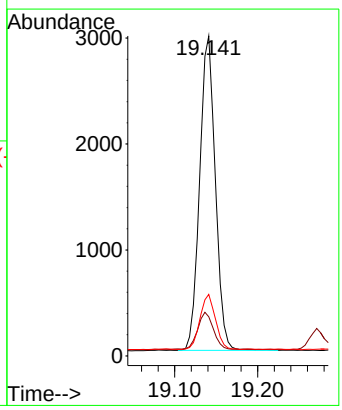


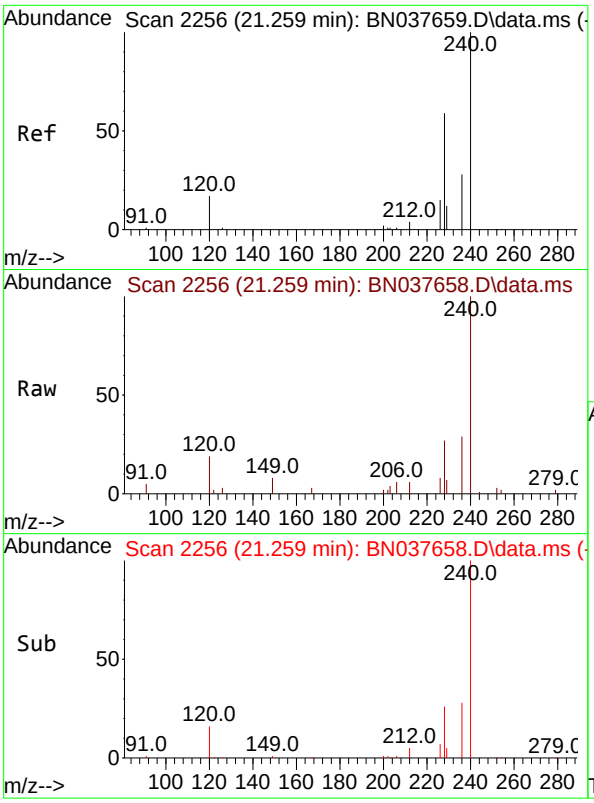


#28
Fluoranthene
Concen: 0.183 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:202 Resp: 3902

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.3	13.8	20.8



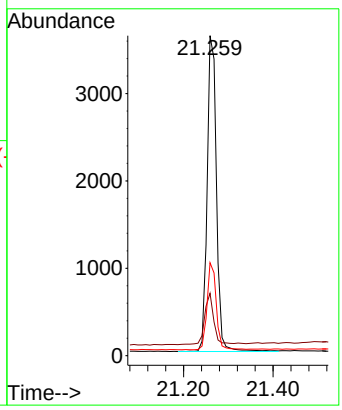


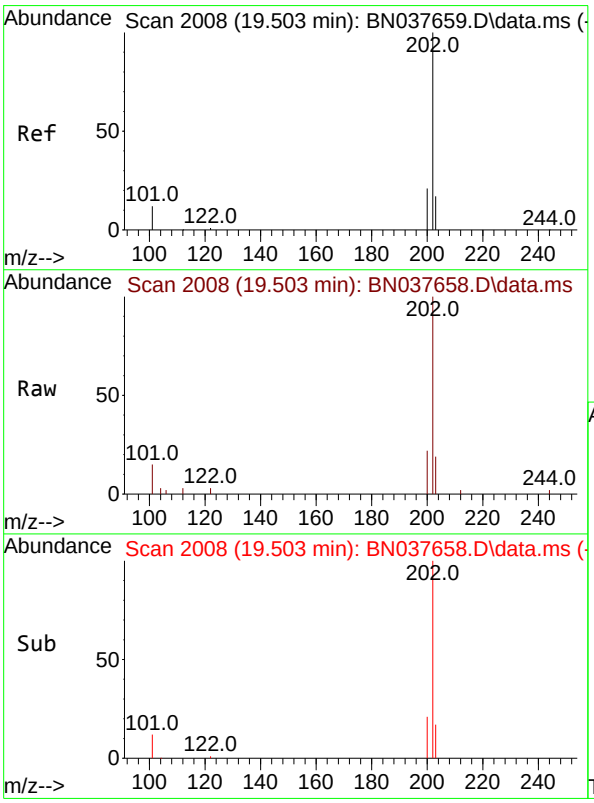
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 5233

Ion	Ratio	Lower	Upper
240	100		
120	19.5	15.9	23.9
236	29.0	23.3	34.9

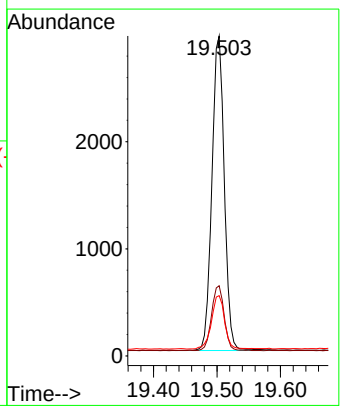


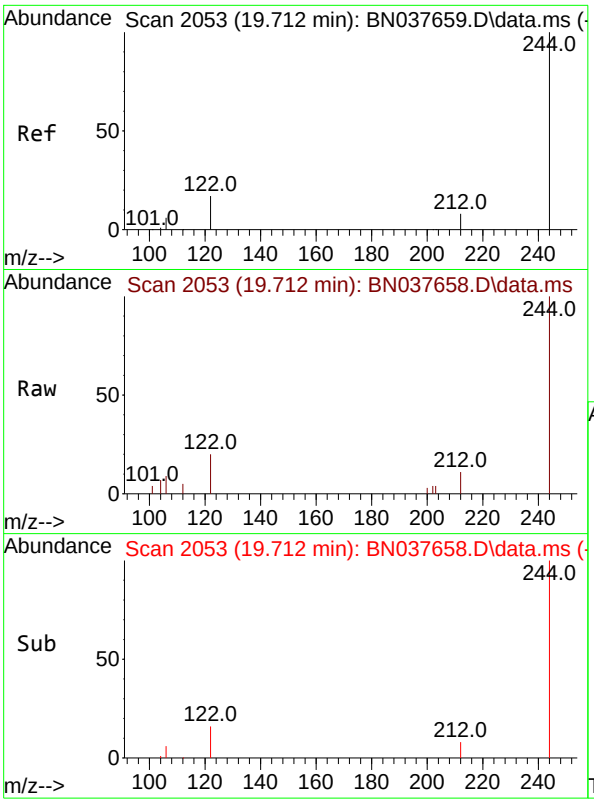


#30
Pyrene
Concen: 0.197 ng
RT: 19.503 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:202 Resp: 3969

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.2	14.4	21.6



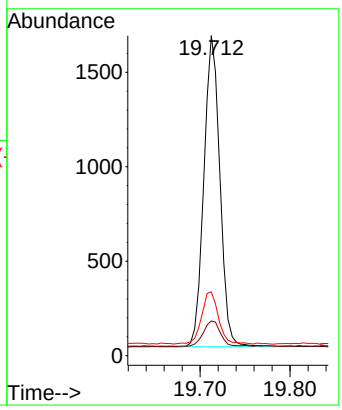


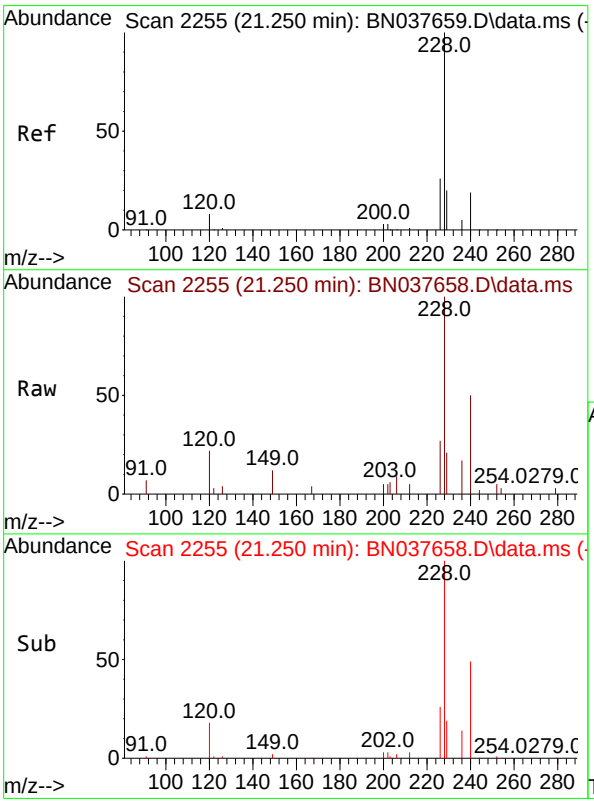
#31
Terphenyl-d14
Concen: 0.198 ng
RT: 19.712 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 2042

Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.8	11.6
122	20.0	14.9	22.3

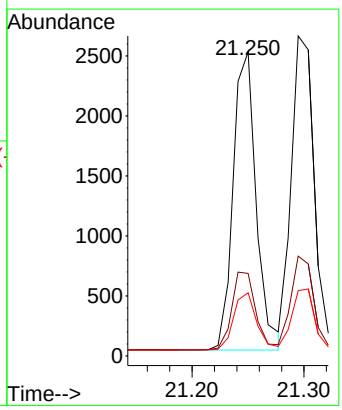


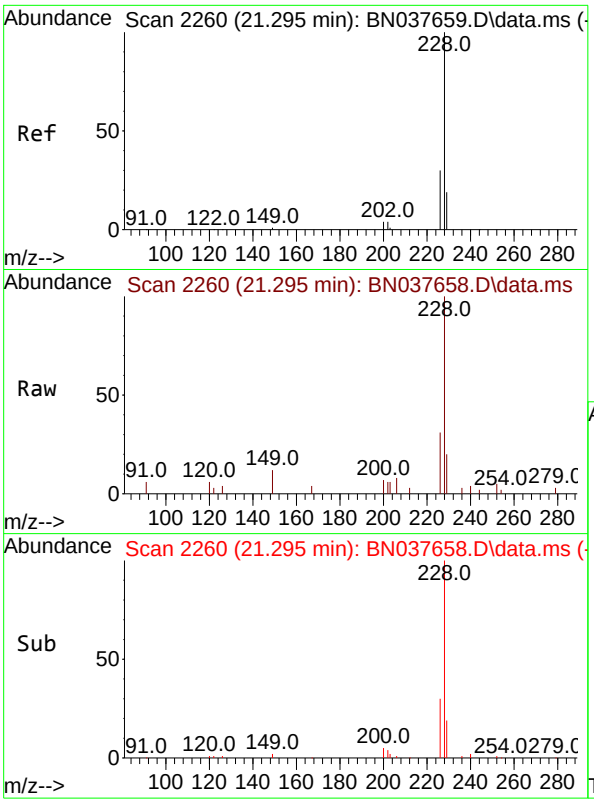


#32
Benzo(a)anthracene
Concen: 0.198 ng
RT: 21.250 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:228 Resp: 3560

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.2
229	20.8	16.2	24.2



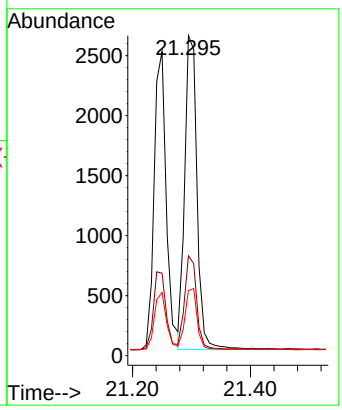


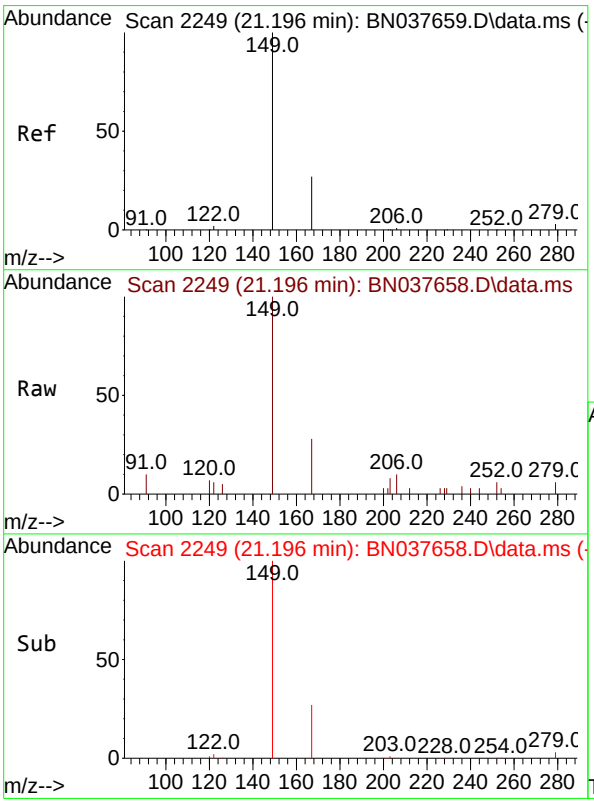
#33
Chrysene
Concen: 0.198 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 3799

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.4	15.7	23.5

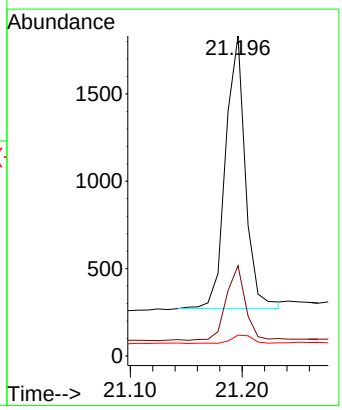


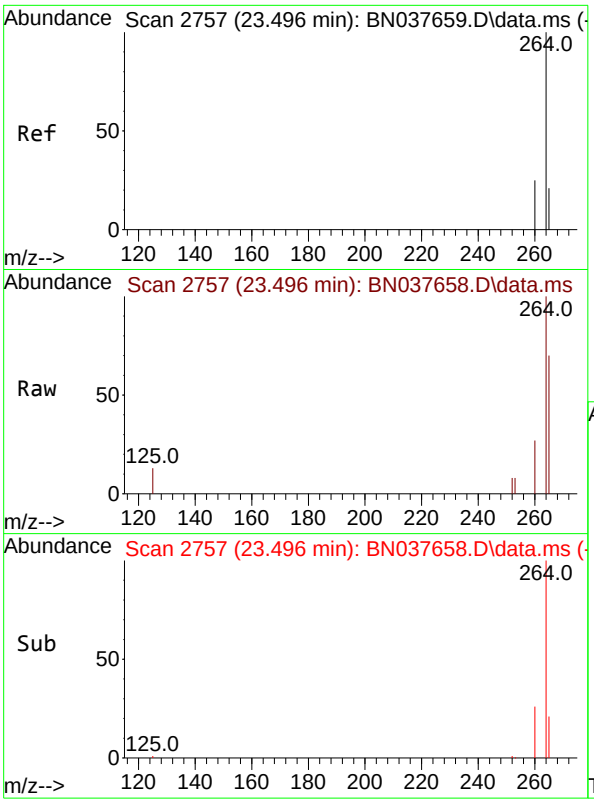


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.211 ng
RT: 21.196 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:149 Resp: 1925

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.7	32.5
279	3.5	2.4	3.6



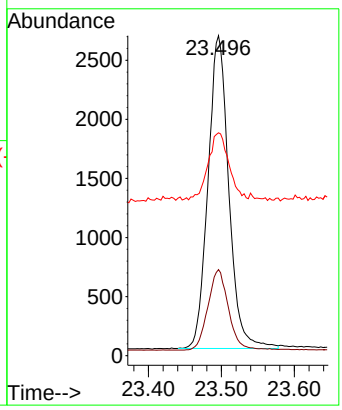


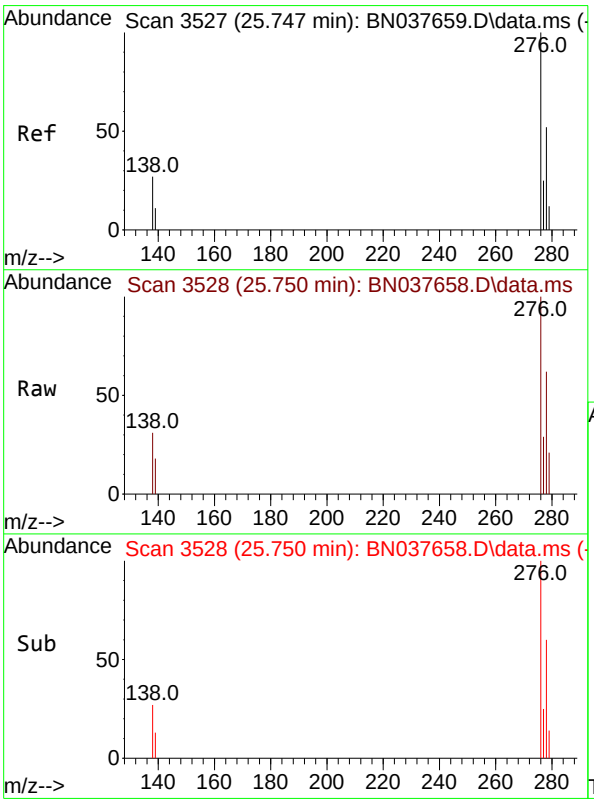
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 5236

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.4
265	69.6	53.7	80.5

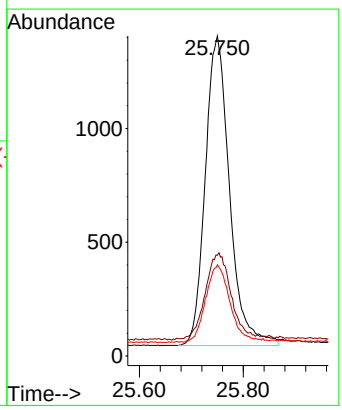


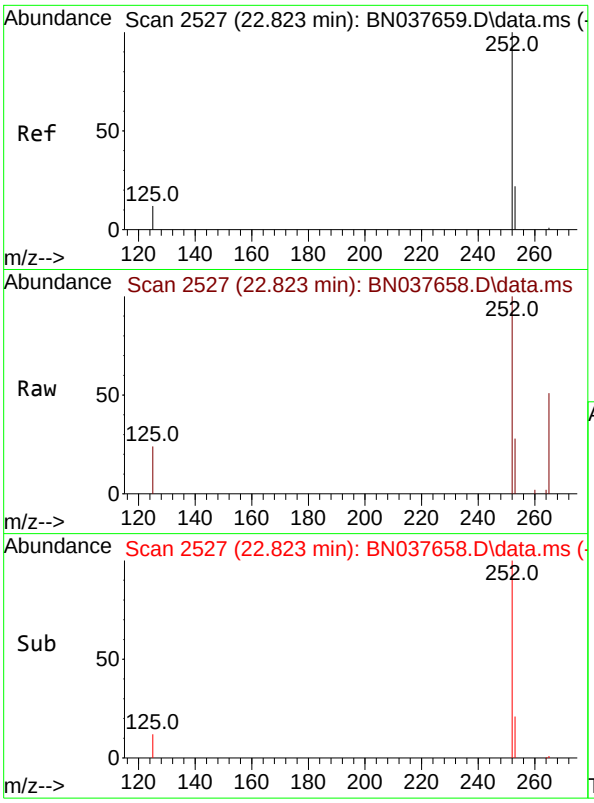


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.179 ng
RT: 25.750 min Scan# 3528
Delta R.T. 0.003 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:276 Resp: 4419

Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.7	35.5
277	24.8	20.2	30.2



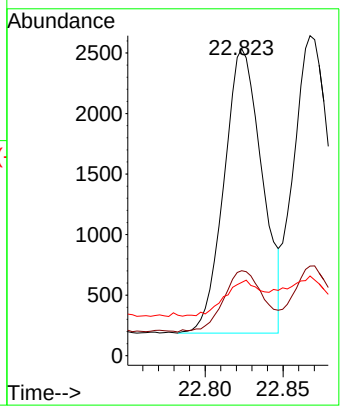


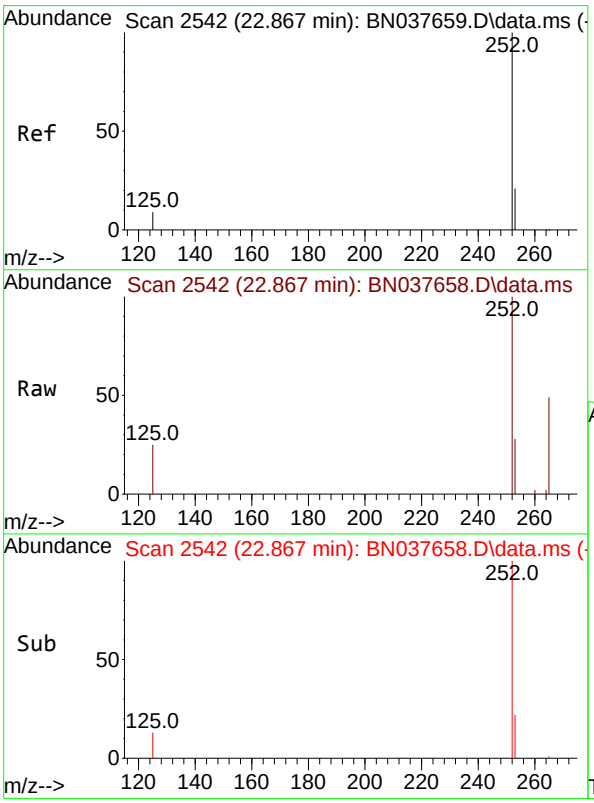
#37
Benzo(b)fluoranthene
Concen: 0.189 ng
RT: 22.823 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3994

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.7	29.5
125	23.9	13.9	20.9#

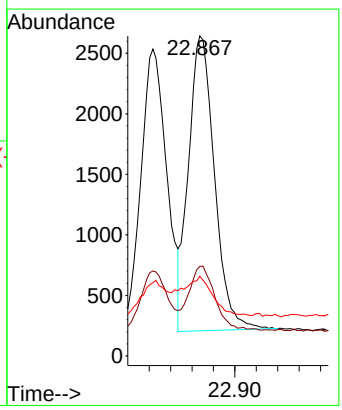


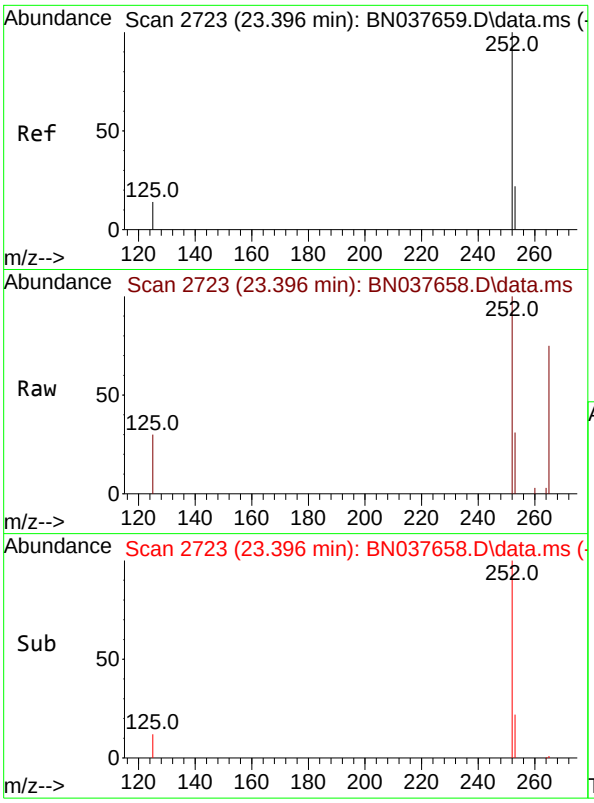


#38
Benzo(k)fluoranthene
Concen: 0.185 ng
RT: 22.867 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:252 Resp: 4105

Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.7	29.5
125	24.9	13.7	20.5#



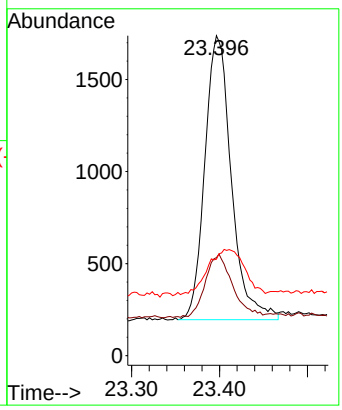


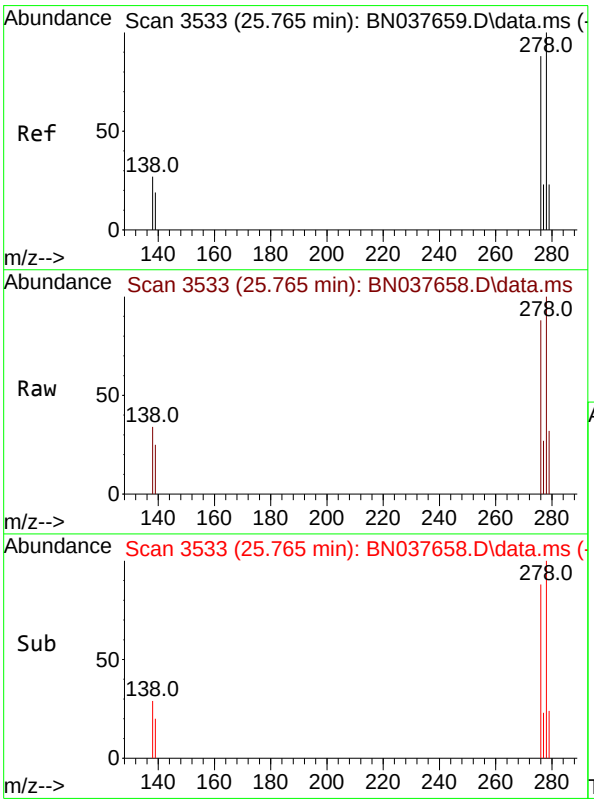
#39
Benzo(a)pyrene
Concen: 0.185 ng
RT: 23.396 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3234

Ion	Ratio	Lower	Upper
252	100		
253	30.7	21.1	31.7
125	30.1	17.5	26.3#

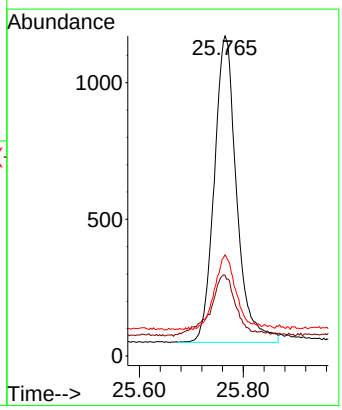


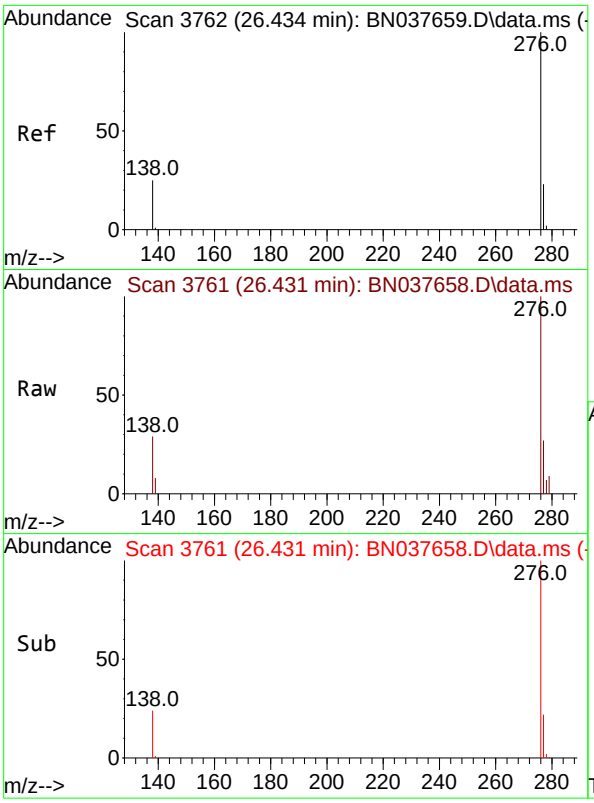


#40
Dibenzo(a,h)anthracene
Concen: 0.174 ng
RT: 25.765 min Scan# 3533
Delta R.T. 0.000 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Tgt Ion:278 Resp: 3359

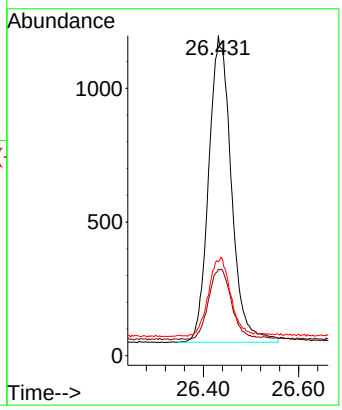
Ion	Ratio	Lower	Upper
278	100		
139	25.2	17.7	26.5
279	31.6	21.1	31.7





#41
Benzo(g,h,i)perylene
Concen: 0.182 ng
RT: 26.431 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN037658.D
Acq: 04 Sep 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 3787

Ion	Ratio	Lower	Upper
276	100		
277	27.0	20.1	30.1
138	29.4	21.8	32.6