Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037657.D
Acq On : 04 Sep 2025 14:10
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 04 18:20:58 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	3126	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	7580	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	3607	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	6642	0.400	ng		0.00
29) Chrysene-d12	21.259	240	5189	0.400	ng		0.00
35) Perylene-d12	23.496	264	5249	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	787	0.103	ng		0.00
5) Phenol-d6	6.865	99	967	0.106	ng		0.00
8) Nitrobenzene-d5	8.843	82	597	0.100	ng		0.00
11) 2-Methylnaphthalene-d10	12.075	152	969	0.097	ng		0.00
14) 2,4,6-Tribromophenol	15.820	330	209	0.107	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	1992	0.099	ng		0.00
27) Fluoranthene-d10	19.108	212	1540	0.093	ng		0.00
31) Terphenyl-d14	19.712	244	1137	0.111	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.125	93	794	0.102	ng		98
9) Naphthalene	10.530	128	2045	0.099	ng		95
10) Hexachlorobutadiene	10.829	225	464	0.098	ng	#	96
12) 2-Methylnaphthalene	12.151	142	1240	0.099	ng		96
16) Acenaphthylene	14.056	152	1553	0.094	ng		98
17) Acenaphthene	14.398	154	1106	0.097	ng		99
18) Fluorene	15.382	166	1356	0.097	ng		97
21) 4-Bromophenyl-phenylether	16.280	248	423	0.098	ng		96
22) Hexachlorobenzene	16.391	284	596	0.100	ng		99
23) Atrazine	16.540	200	313	0.107	ng	#	80
25) Phenanthrene	17.111	178	1990	0.098	ng		98
26) Anthracene	17.210	178	1668	0.093	ng		99
28) Fluoranthene	19.141	202	2094	0.093	ng		98
30) Pyrene	19.503	202	2194	0.110	ng		100
32) Benzo(a)anthracene	21.250	228	1827	0.102	ng		96
33) Chrysene	21.295	228	1906	0.100	ng		97
36) Indeno(1,2,3-cd)pyrene	25.747	276	2207	0.089	ng		96
37) Benzo(b)fluoranthene	22.826	252	2012	0.095	ng	#	72
38) Benzo(k)fluoranthene	22.870	252	2090	0.094	ng	#	70
39) Benzo(a)pyrene	23.399	252	1671	0.095	ng	#	58
40) Dibenzo(a,h)anthracene	25.767	278	1706	0.088	ng	#	81
41) Benzo(g,h,i)perylene	26.434	276	1862	0.089	ng	#	87

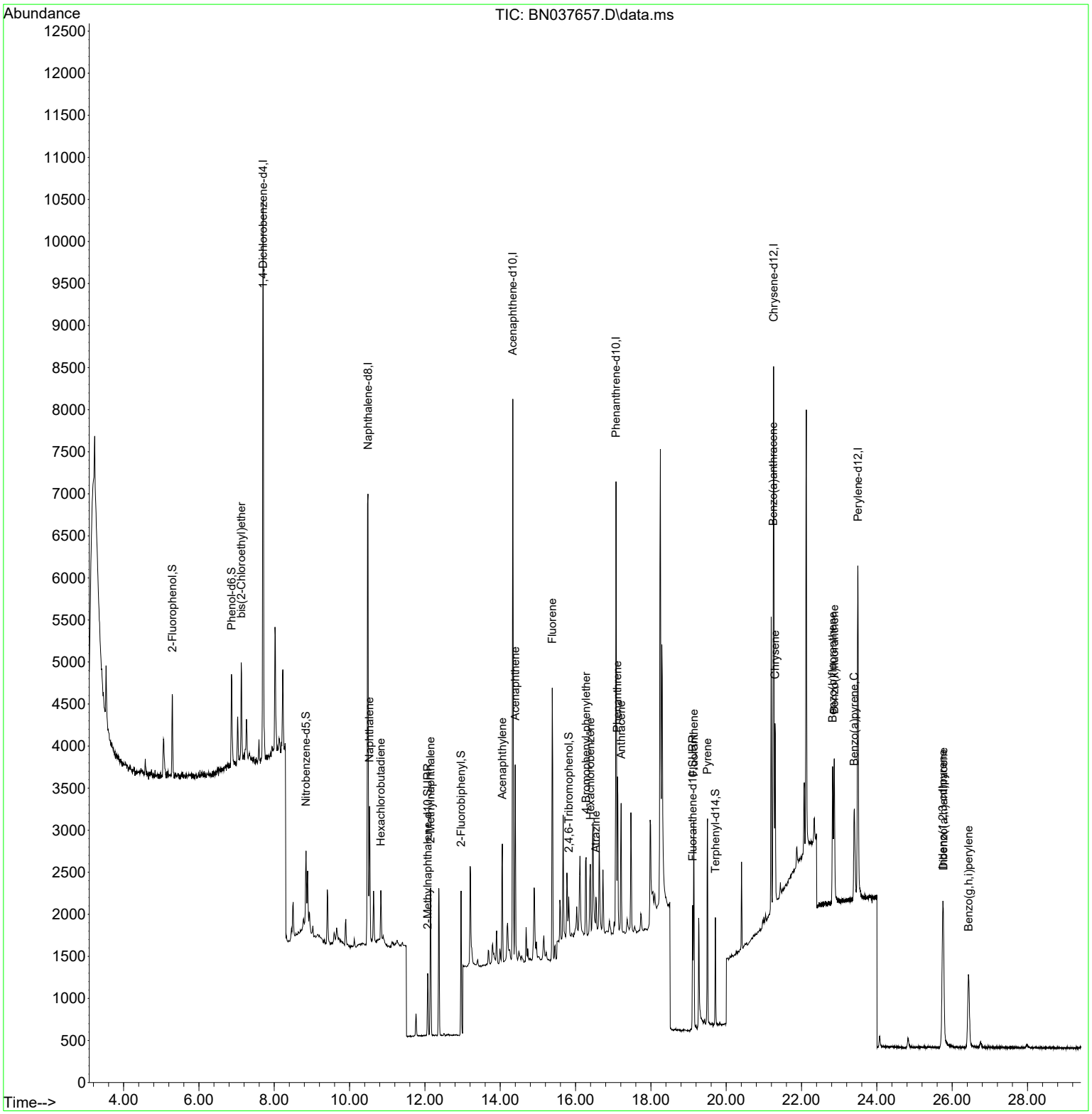
(#) = qualifier out of range (m) = manual integration (+) = signals summed

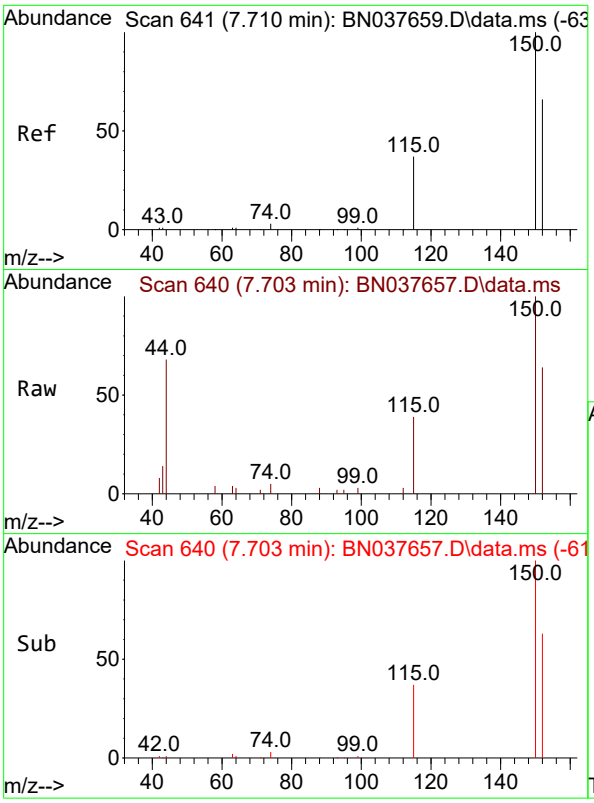
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037657.D
Acq On : 04 Sep 2025 14:10
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 04 18:20:58 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



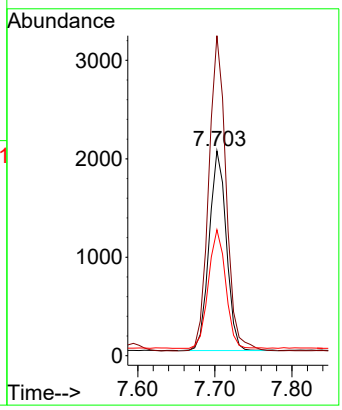


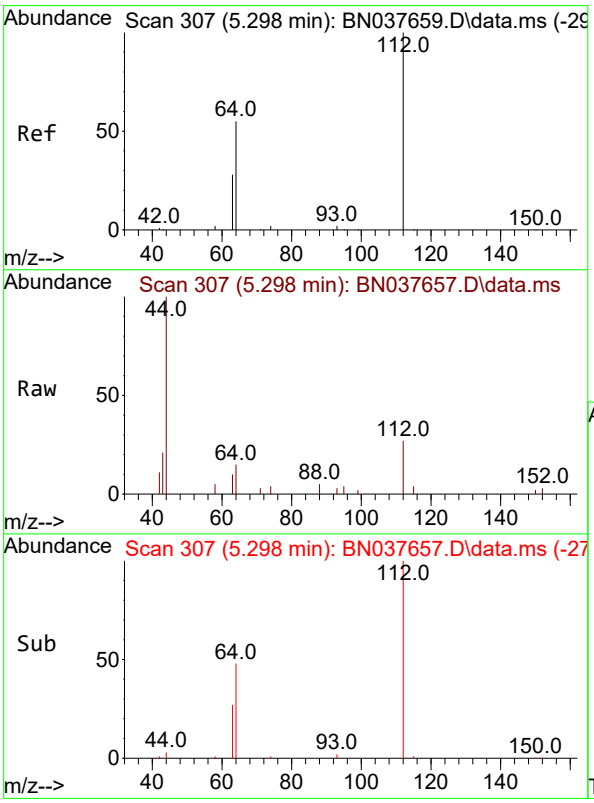
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3126

Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.9	179.9
115	61.5	46.8	70.2

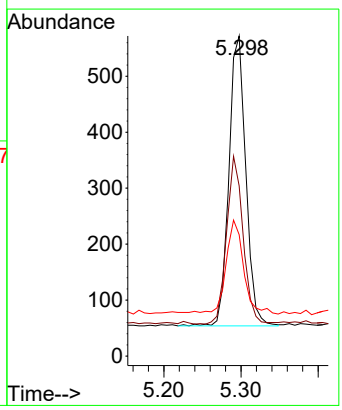


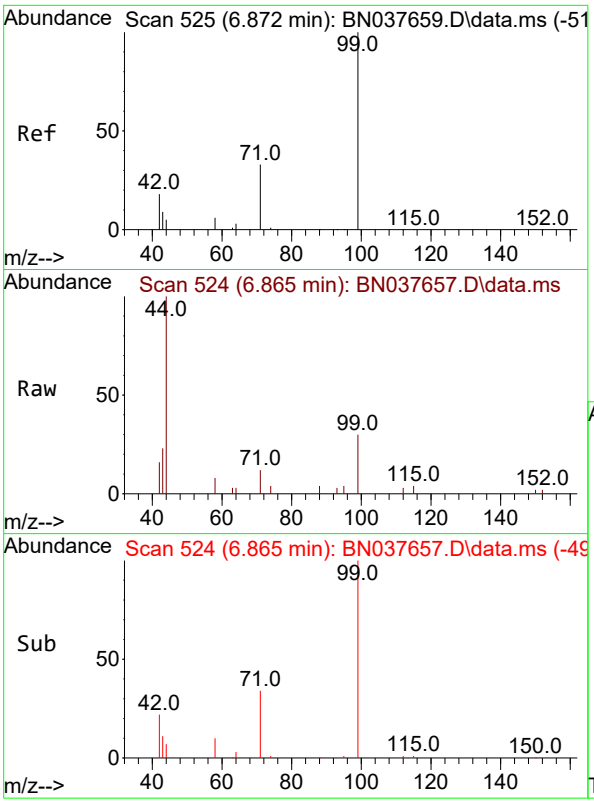


#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:112 Resp: 787

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.8	68.6
63	33.7	24.2	36.4



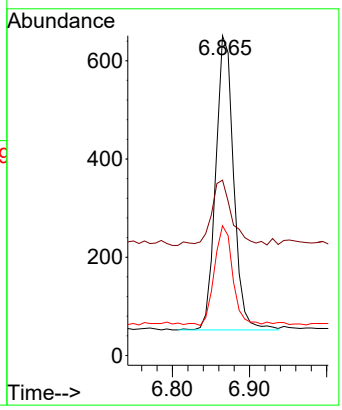


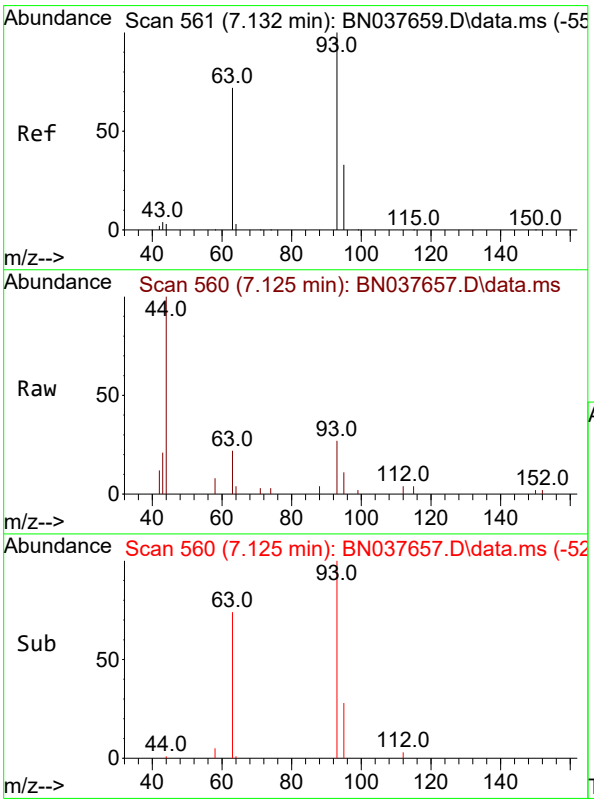
#5
Phenol-d6
Concen: 0.106 ng
RT: 6.865 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 967

Ion	Ratio	Lower	Upper
99	100		
42	25.2	17.7	26.5
71	33.0	27.5	41.3

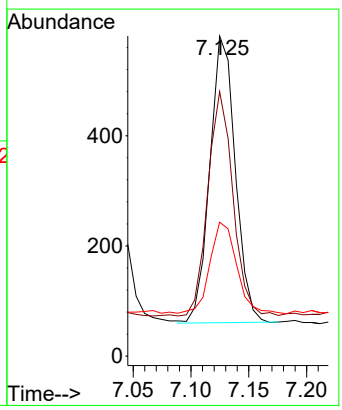


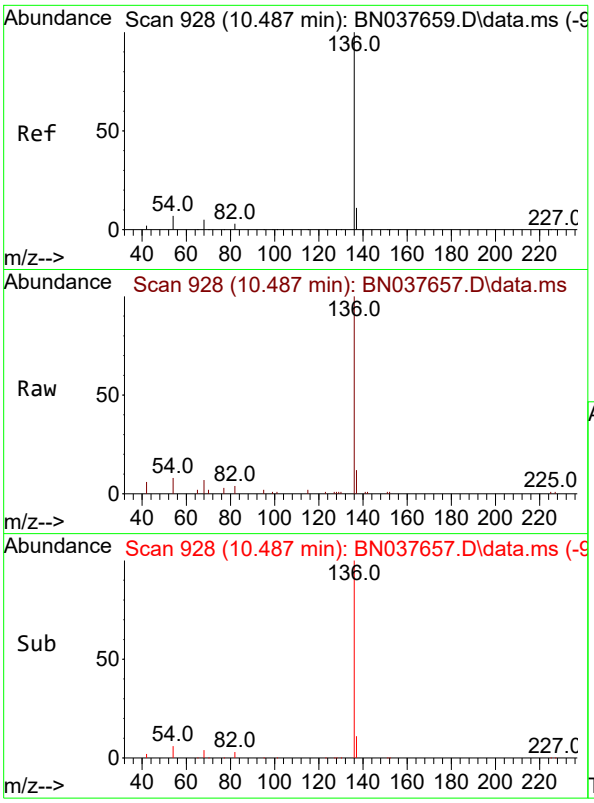


#6
bis(2-Chloroethyl)ether
Concen: 0.102 ng
RT: 7.125 min Scan# 560
Delta R.T. -0.007 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion: 93 Resp: 794

Ion	Ratio	Lower	Upper
93	100		
63	77.6	60.6	91.0
95	33.6	25.7	38.5



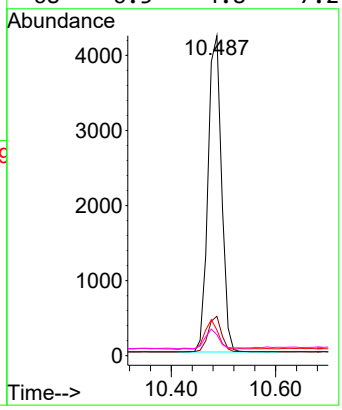


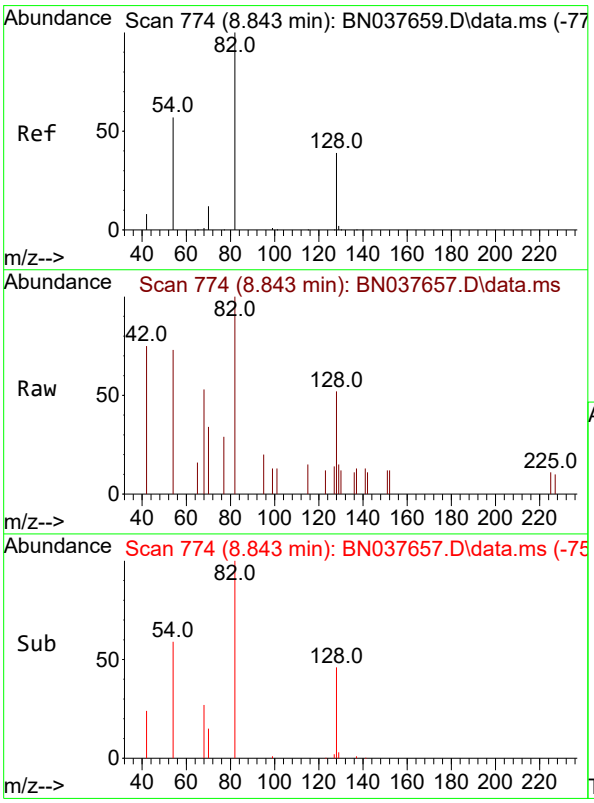
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 7580

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.0
54	8.0	6.3	9.5
68	6.5	4.8	7.2

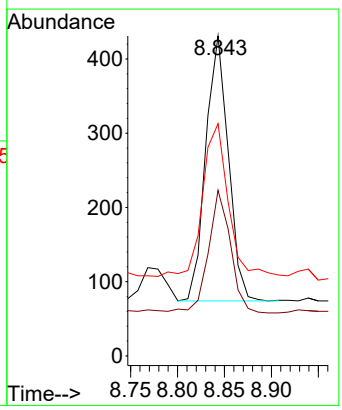


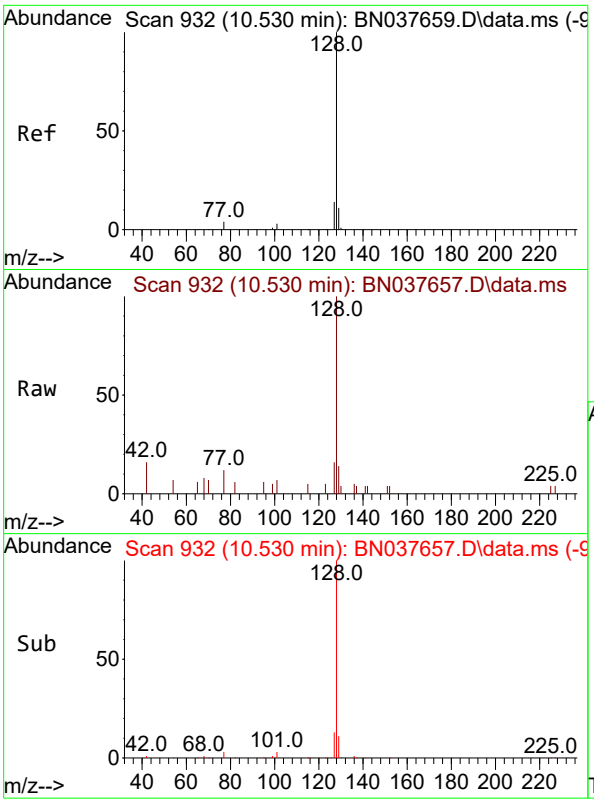


#8
Nitrobenzene-d5
Concen: 0.100 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion: 82 Resp: 597

Ion	Ratio	Lower	Upper
82	100		
128	51.7	33.0	49.6#
54	72.6	47.9	71.9#



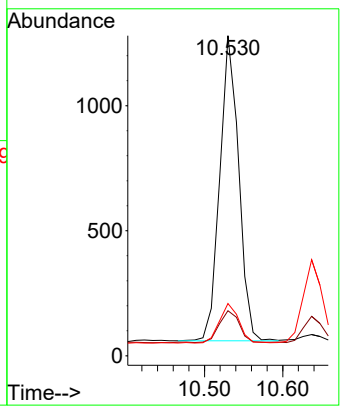


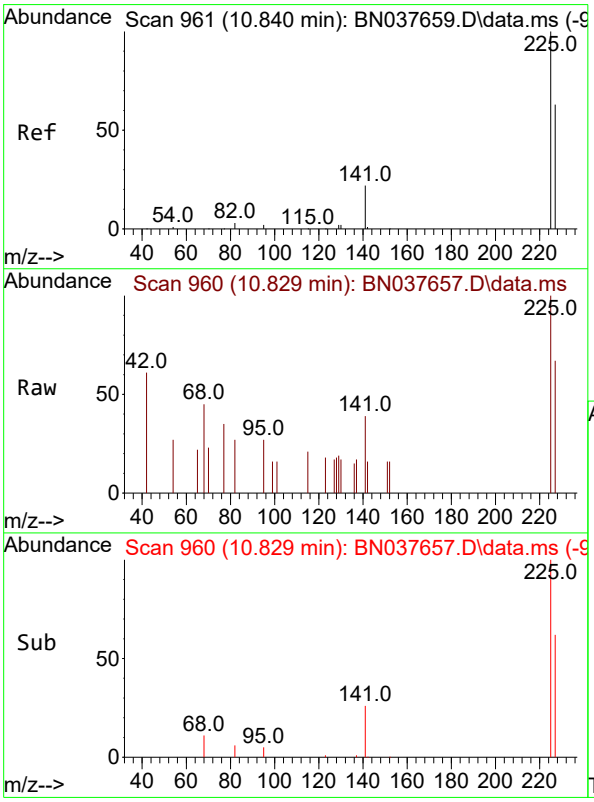
#9
Naphthalene
Concen: 0.099 ng
RT: 10.530 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 2045

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.7	14.5
127	16.3	11.5	17.3

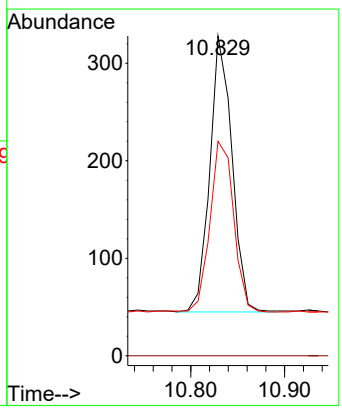


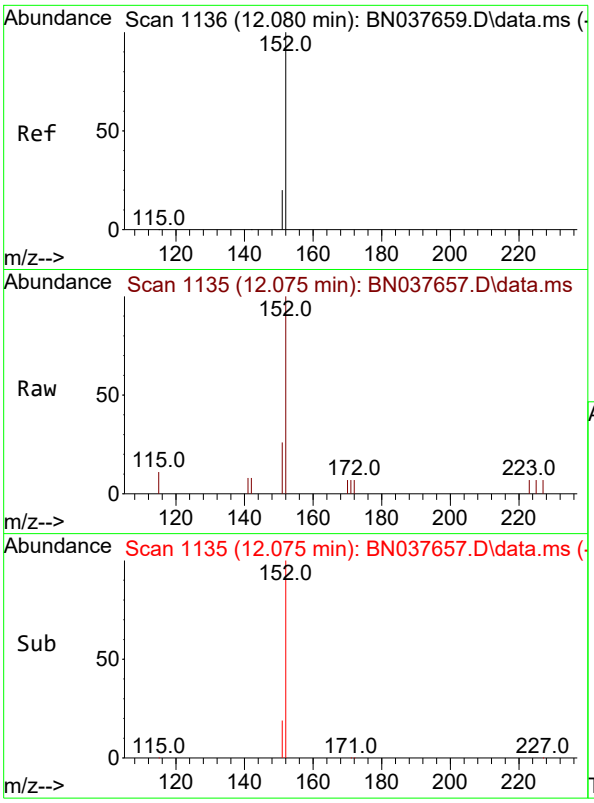


#10
Hexachlorobutadiene
Concen: 0.098 ng
RT: 10.829 min Scan# 960
Delta R.T. -0.011 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:225 Resp: 464

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.4	50.5	75.7



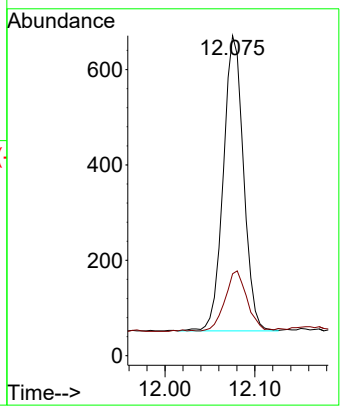


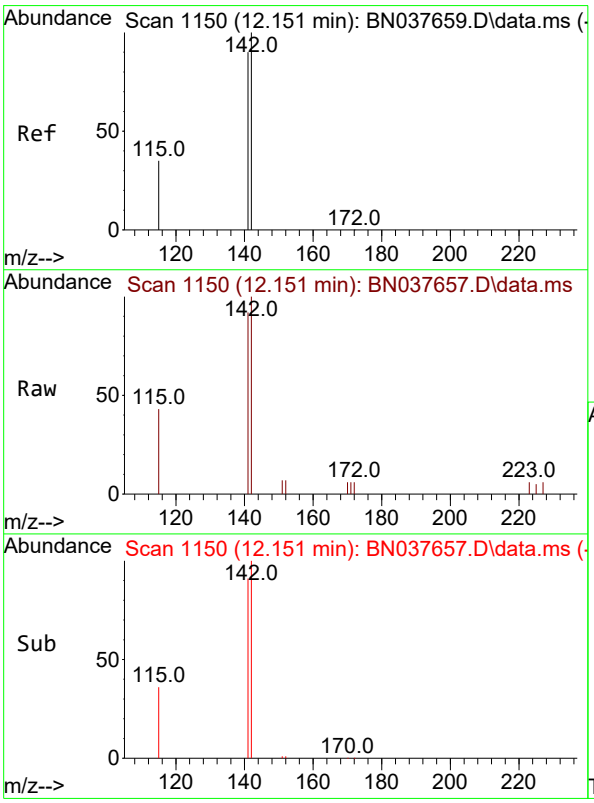
#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 12.075 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 969

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.3	25.9

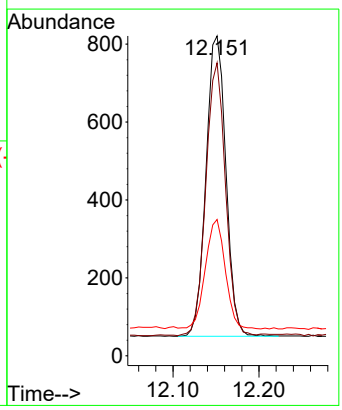


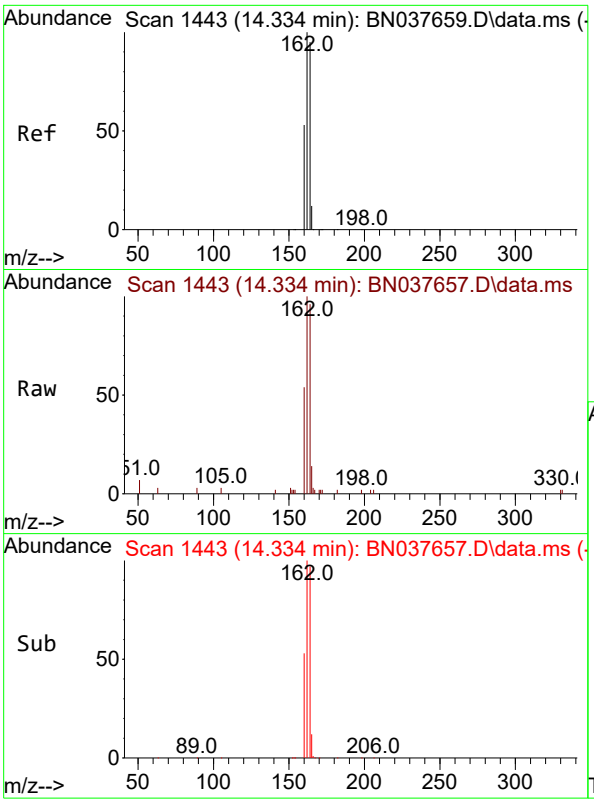


#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.151 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:142 Resp: 1240

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.8	107.8
115	42.6	29.4	44.2



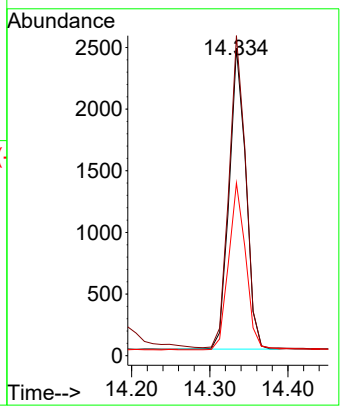


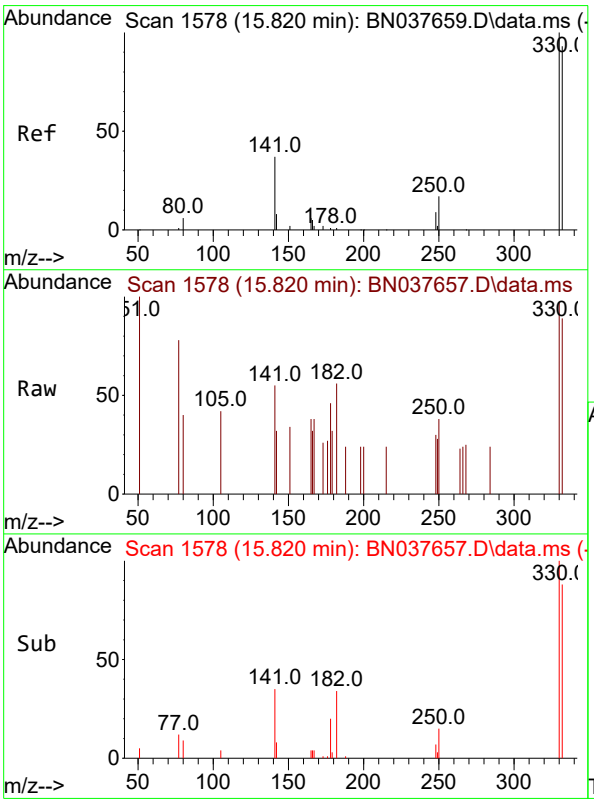
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 3607

Ion	Ratio	Lower	Upper
164	100		
162	104.0	84.6	126.8
160	56.2	45.6	68.4

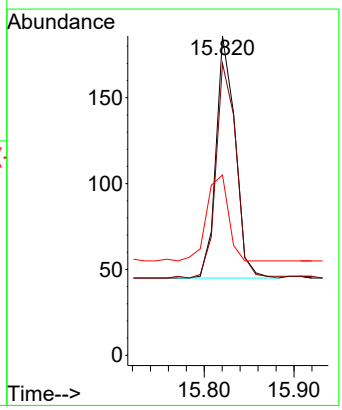


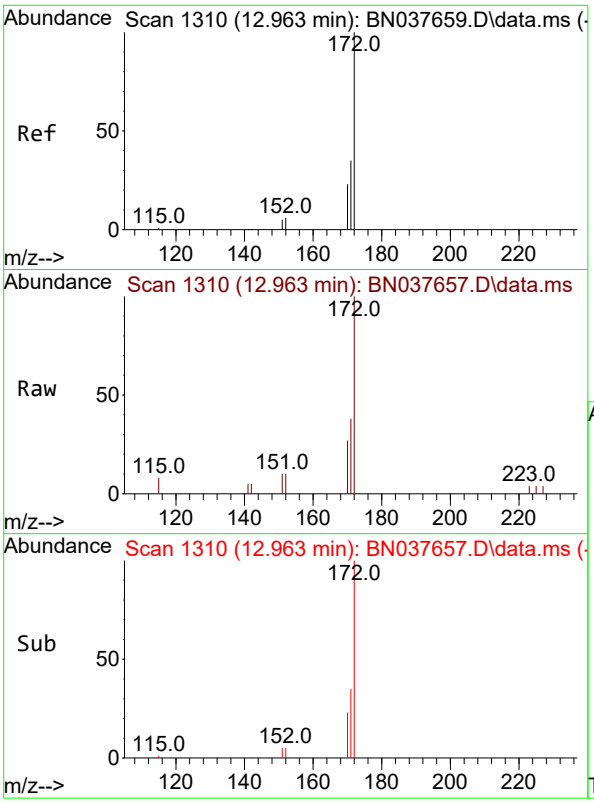


#14
2,4,6-Tribromophenol
Concen: 0.107 ng
RT: 15.820 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:330 Resp: 209

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	42.1	31.4	47.2



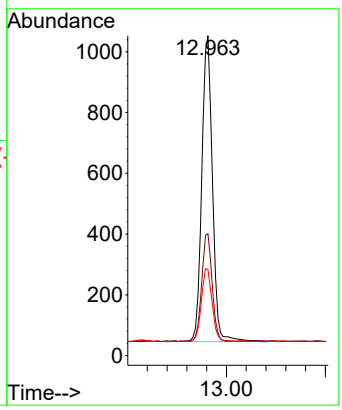


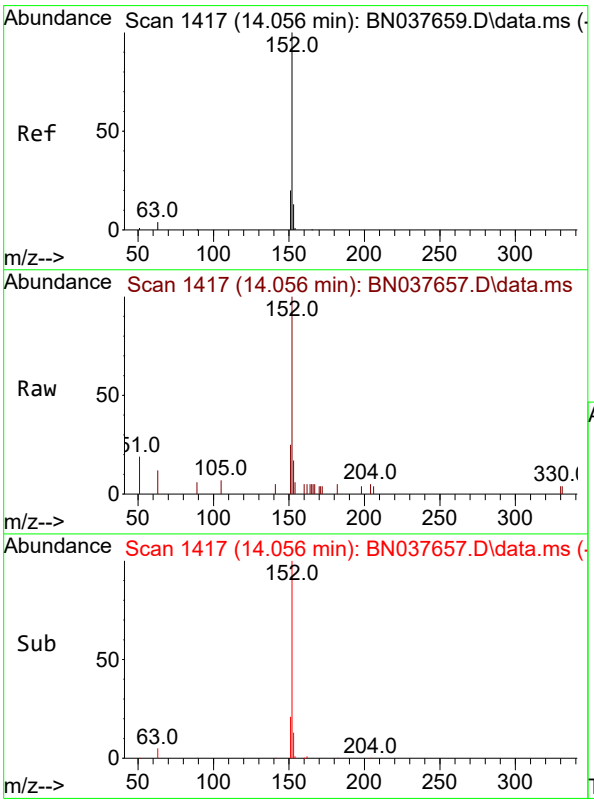
#15
2-Fluorobiphenyl
Concen: 0.099 ng
RT: 12.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1992

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.4	42.6
170	26.9	19.4	29.2

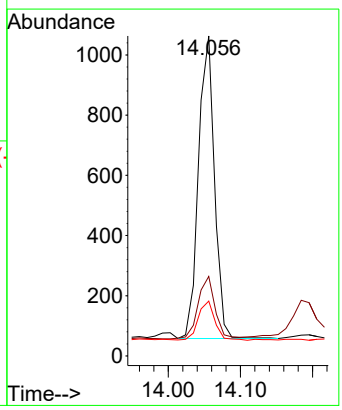


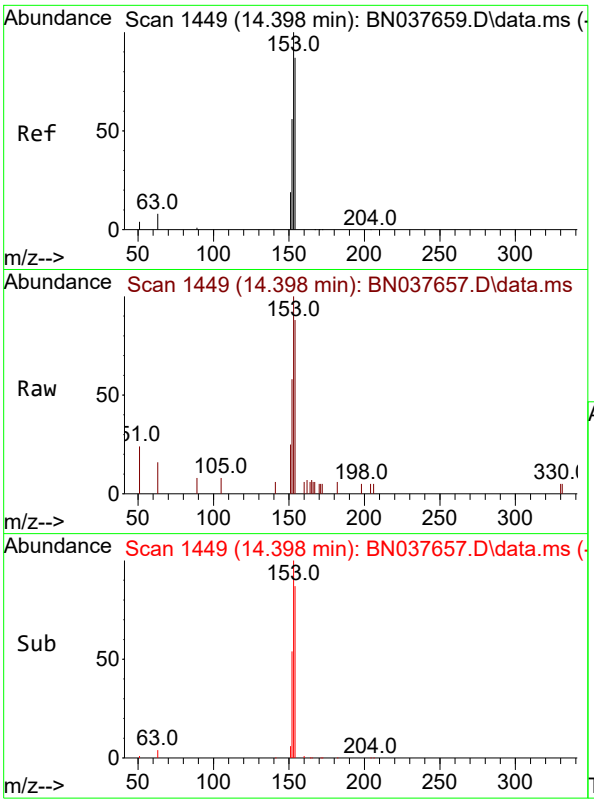


#16
Acenaphthylene
Concen: 0.094 ng
RT: 14.056 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:152 Resp: 1553

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.2	24.4
153	13.4	10.9	16.3



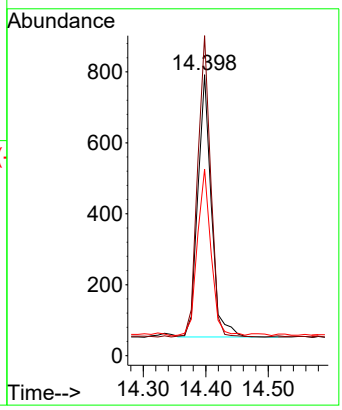


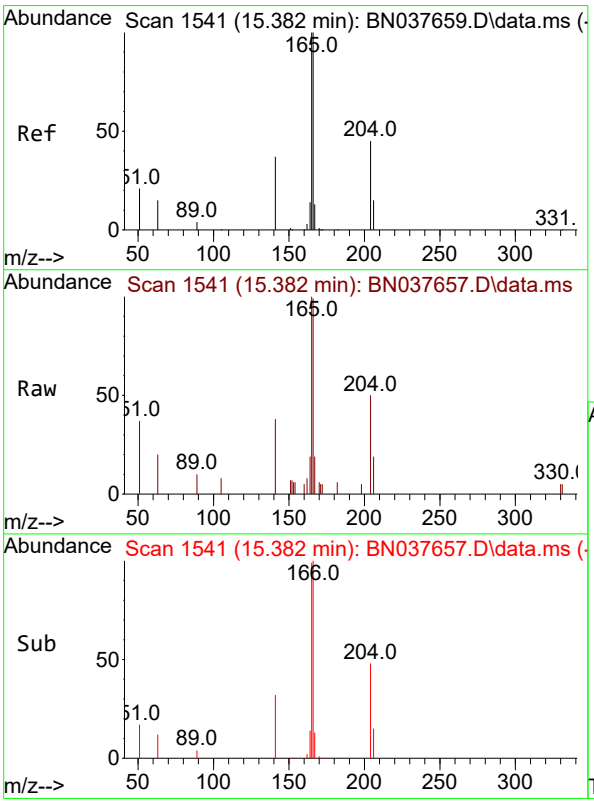
#17
Acenaphthene
Concen: 0.097 ng
RT: 14.398 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1106

Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.3	132.5
152	64.8	51.4	77.2

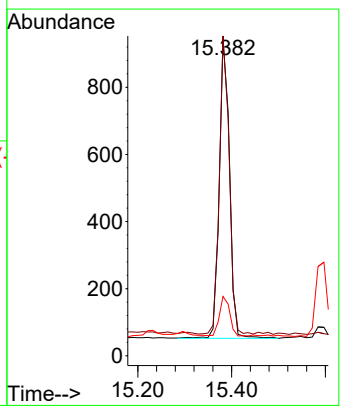


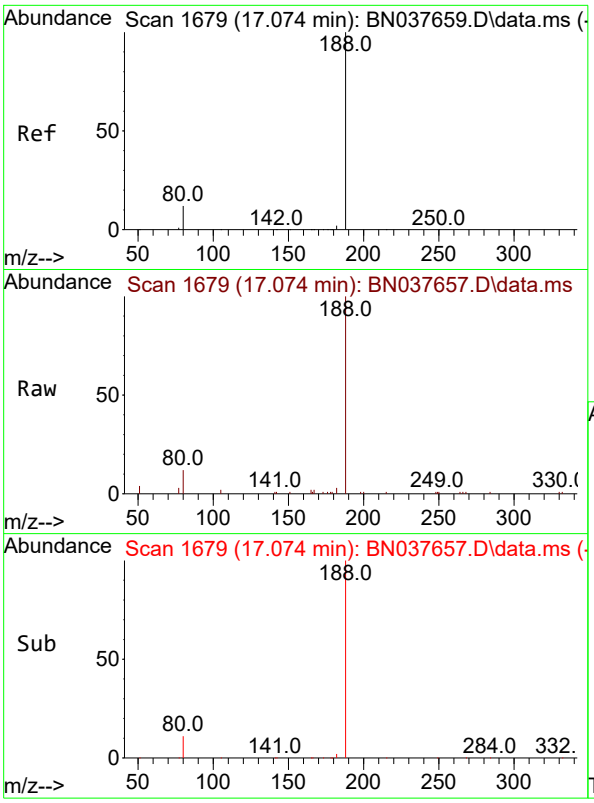


#18
Fluorene
Concen: 0.097 ng
RT: 15.382 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:166 Resp: 1356

Ion	Ratio	Lower	Upper
166	100		
165	95.4	79.0	118.4
167	13.1	10.5	15.7



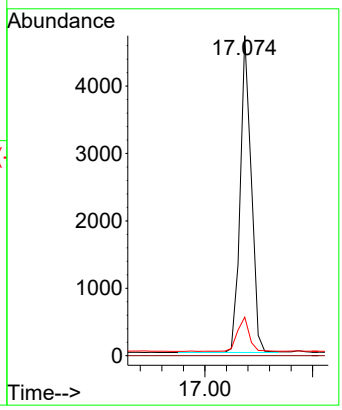


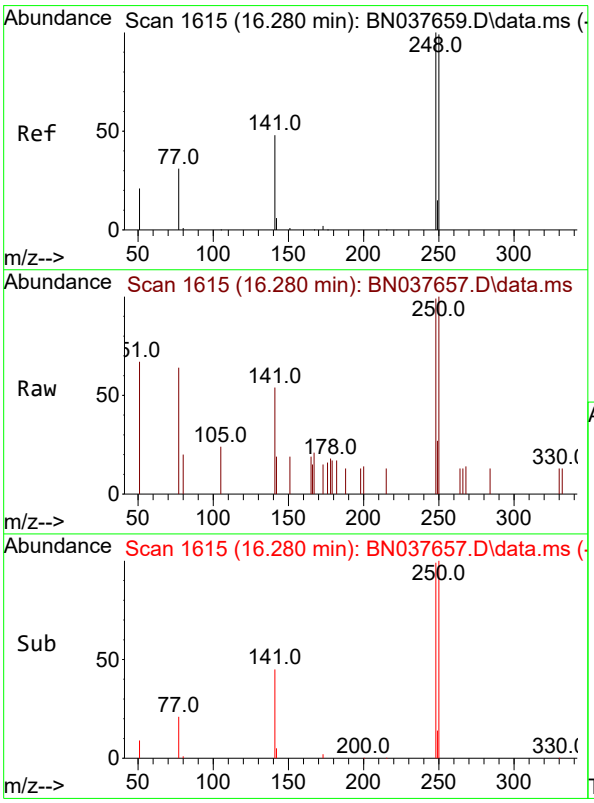
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 6642

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	10.8	16.2

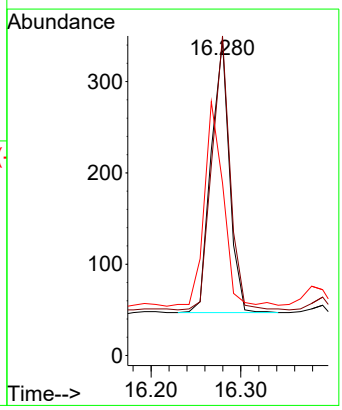


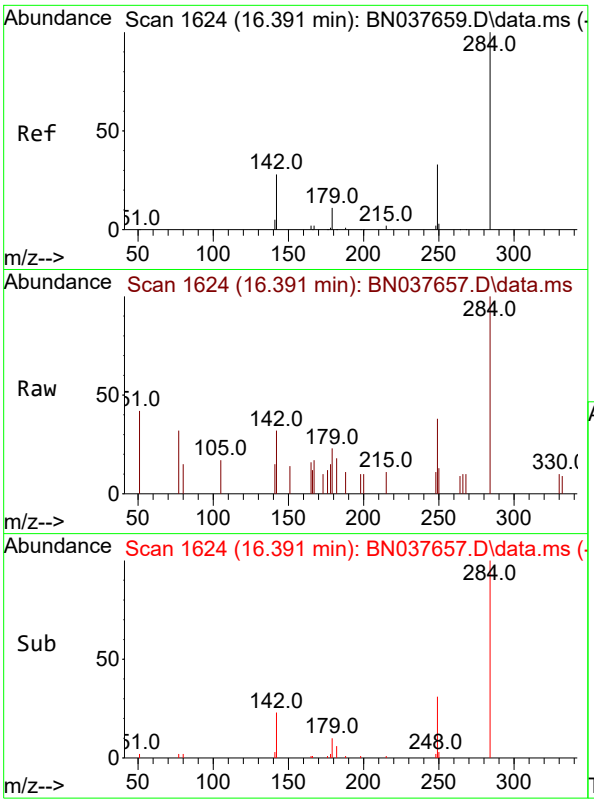


#21
4-Bromophenyl-phenylether
Concen: 0.098 ng
RT: 16.280 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:248 Resp: 423

Ion	Ratio	Lower	Upper
248	100		
250	101.4	79.2	118.8
141	54.8	40.2	60.4



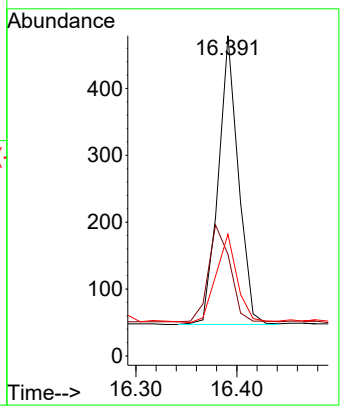


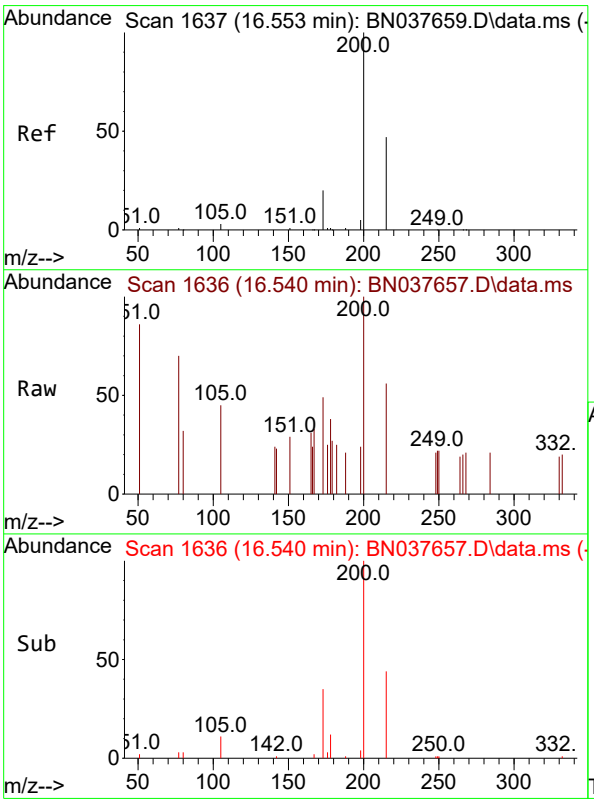
#22
Hexachlorobenzene
Concen: 0.100 ng
RT: 16.391 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 596

Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.4	42.6
249	32.6	25.1	37.7

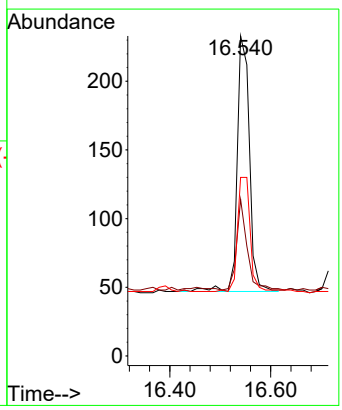


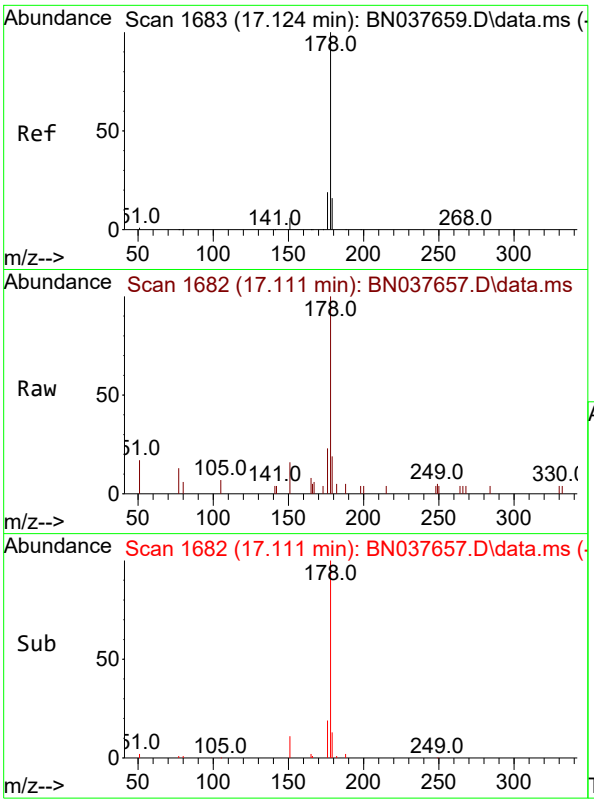


#23
Atrazine
Concen: 0.107 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:200 Resp: 313

Ion	Ratio	Lower	Upper
200	100		
173	48.9	20.1	30.1#
215	55.8	40.6	61.0



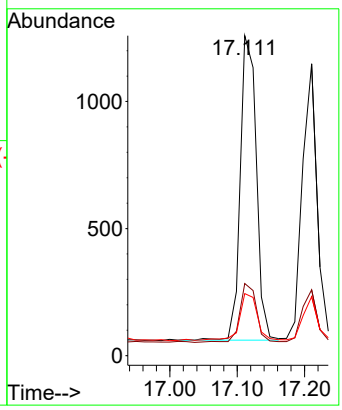


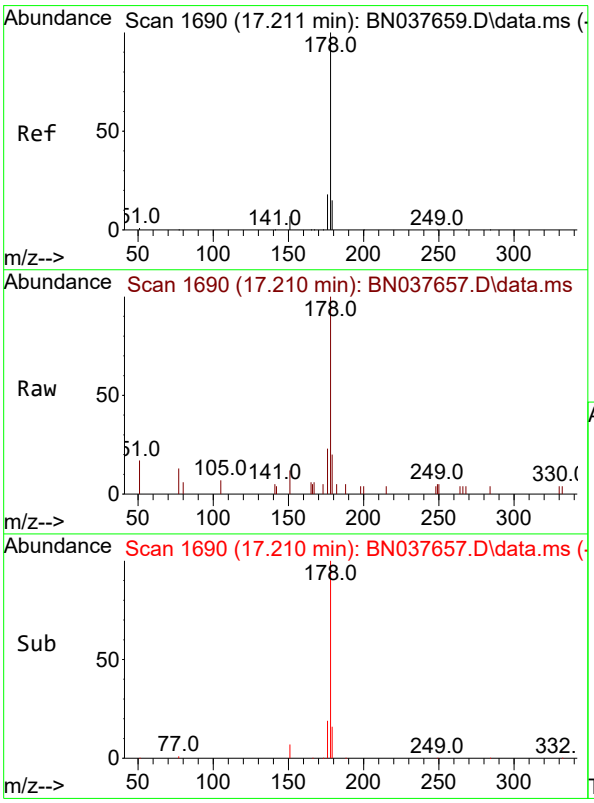
#25
Phenanthrene
Concen: 0.098 ng
RT: 17.111 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1990

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.3	22.9
179	16.8	12.5	18.7

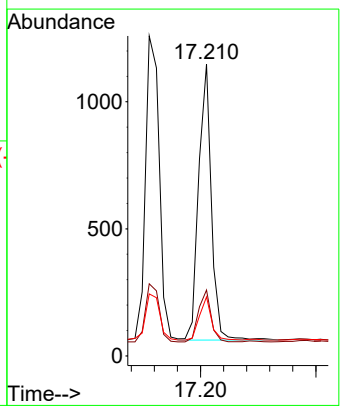


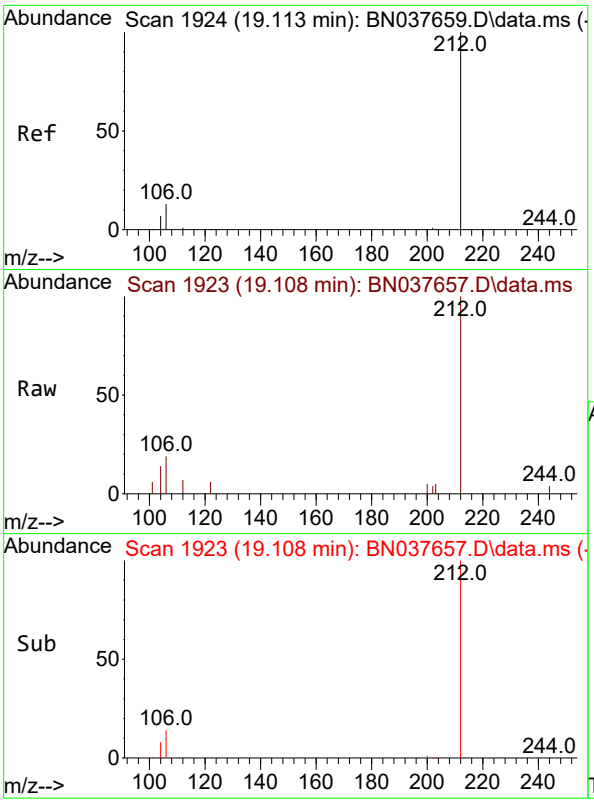


#26
Anthracene
Concen: 0.093 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:178 Resp: 1668

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	14.7	12.2	18.2



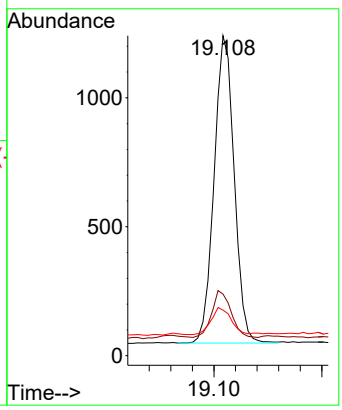


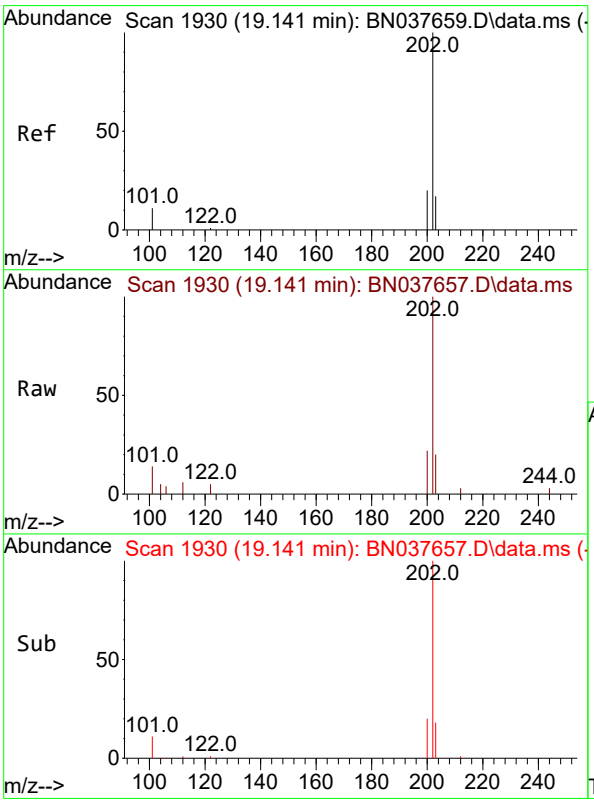
#27
Fluoranthene-d10
Concen: 0.093 ng
RT: 19.108 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 1540

Ion	Ratio	Lower	Upper
212	100		
106	15.1	12.0	18.0
104	8.7	6.8	10.2

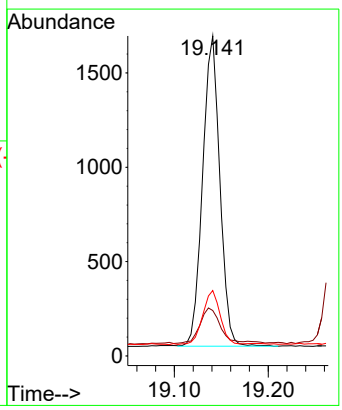


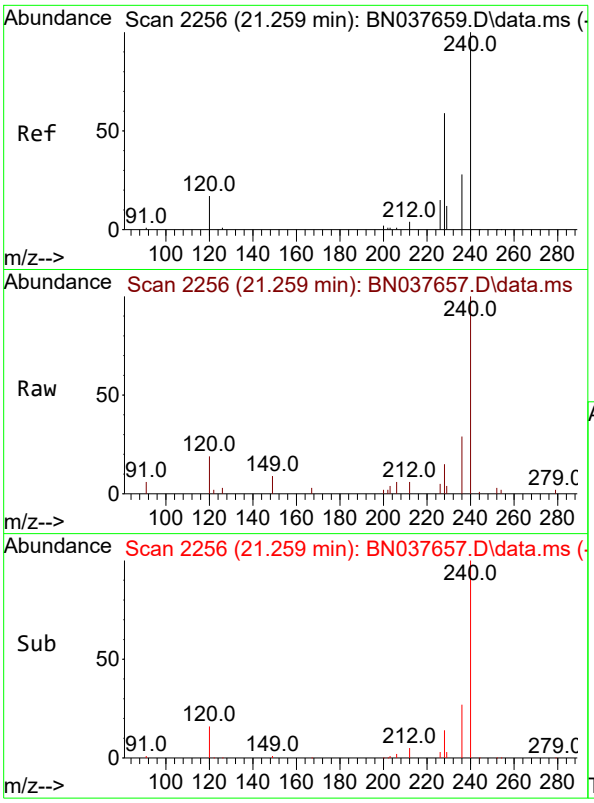


#28
Fluoranthene
Concen: 0.093 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:202 Resp: 2094

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.6	14.4
203	17.8	13.8	20.8



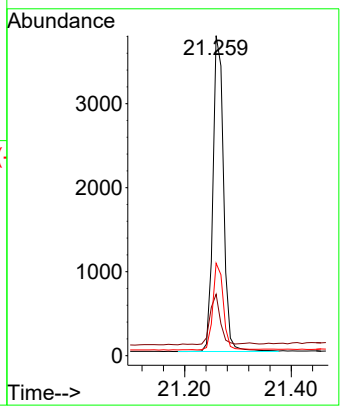


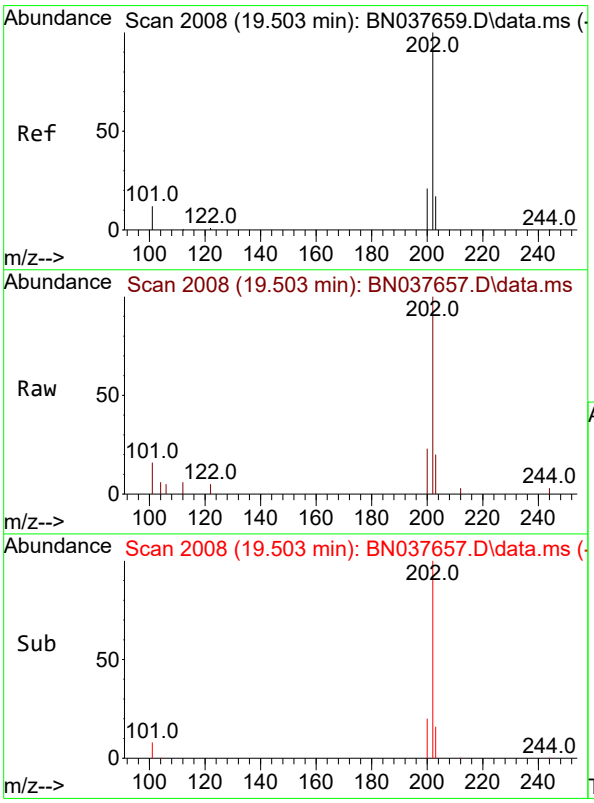
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 5189

Ion	Ratio	Lower	Upper
240	100		
120	19.2	15.9	23.9
236	28.9	23.3	34.9

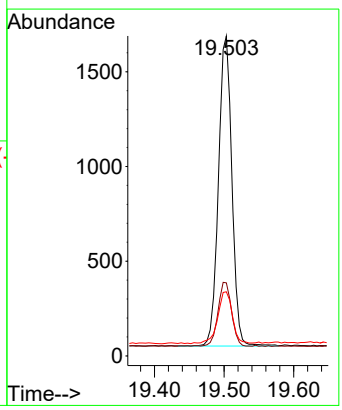


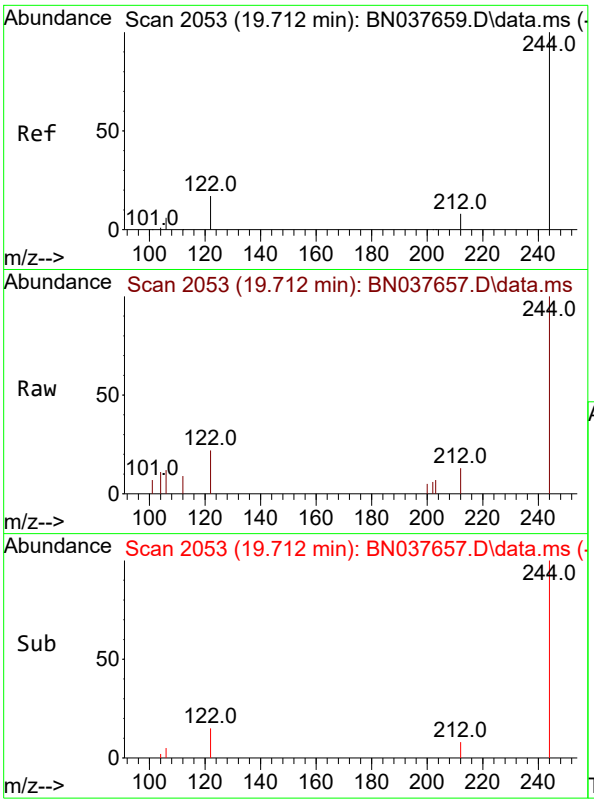


#30
Pyrene
Concen: 0.110 ng
RT: 19.503 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:202 Resp: 2194

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.2	14.4	21.6



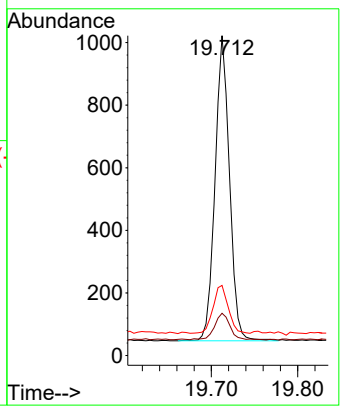


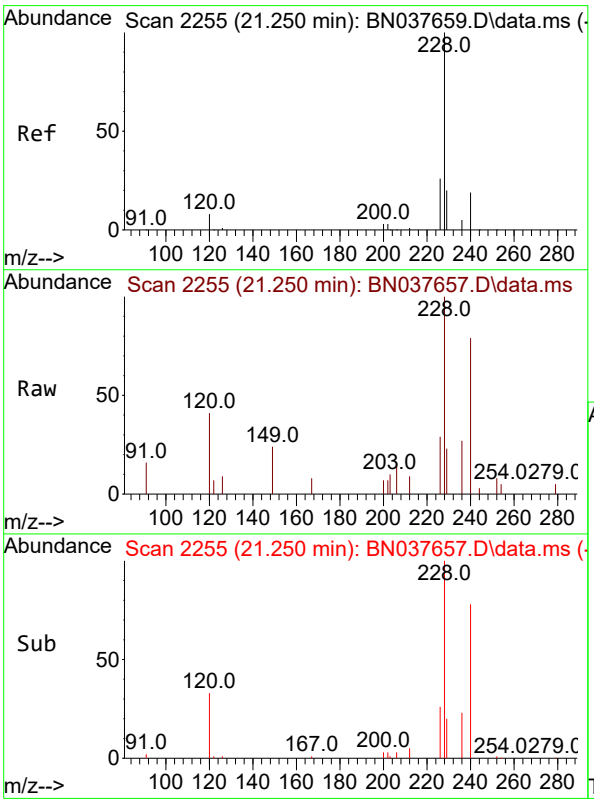
#31
Terphenyl-d14
Concen: 0.111 ng
RT: 19.712 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1137

Ion	Ratio	Lower	Upper
244	100		
212	13.2	7.8	11.6#
122	21.9	14.9	22.3

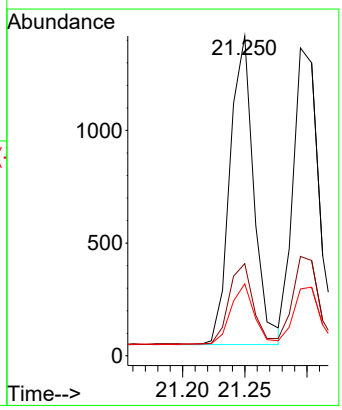


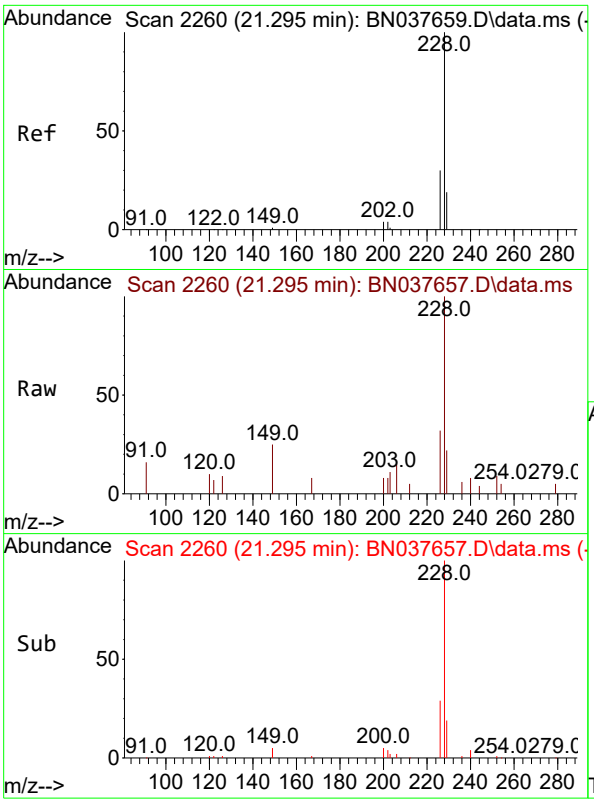


#32
Benzo(a)anthracene
Concen: 0.102 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:228 Resp: 1827

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.4	32.2
229	22.6	16.2	24.2



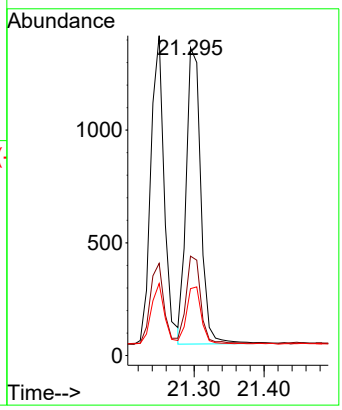


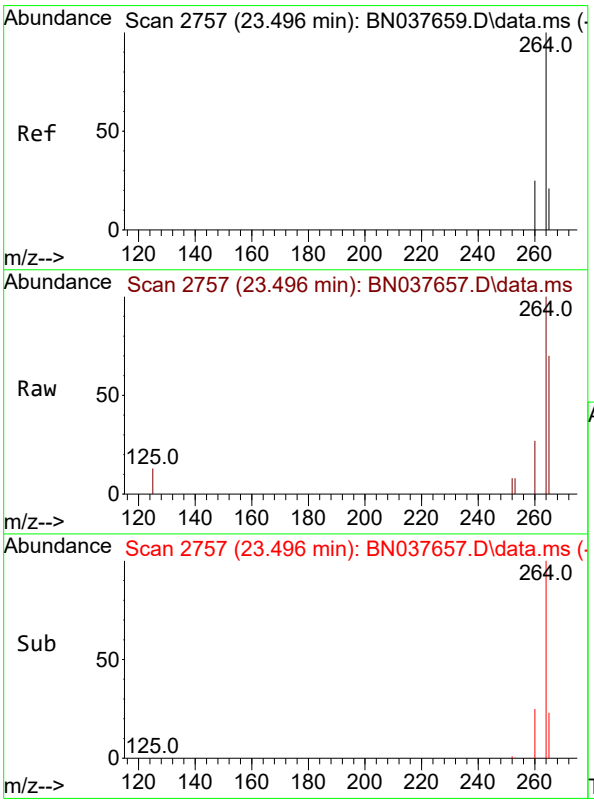
#33
Chrysene
Concen: 0.100 ng
RT: 21.295 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 1906

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	21.7	15.7	23.5

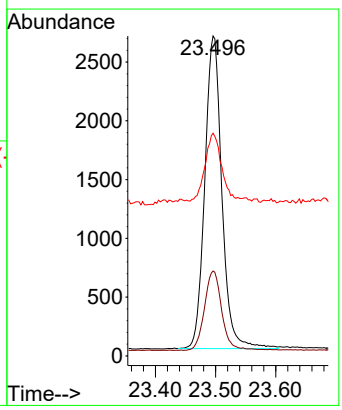


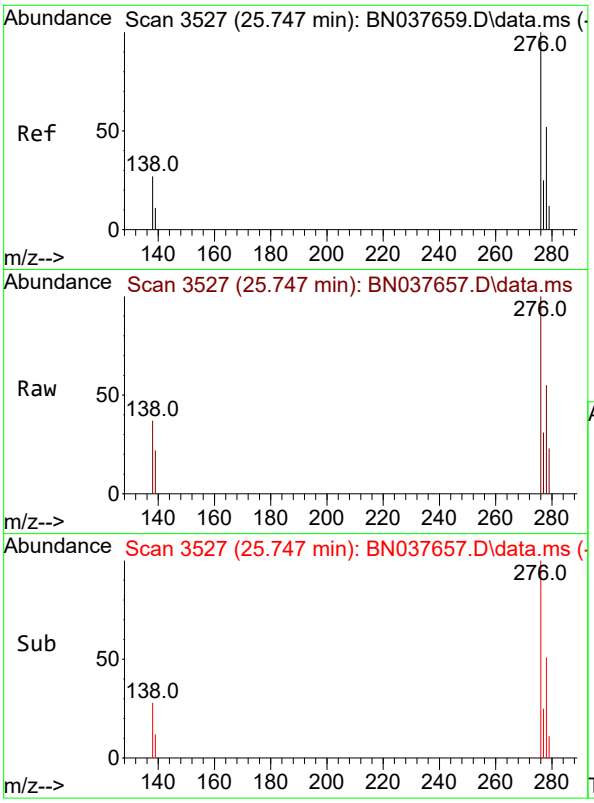


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2757
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:264 Resp: 5249

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.0	31.4
265	69.6	53.7	80.5



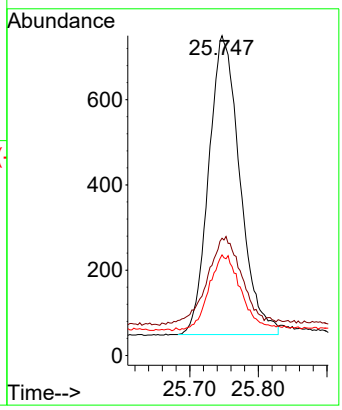


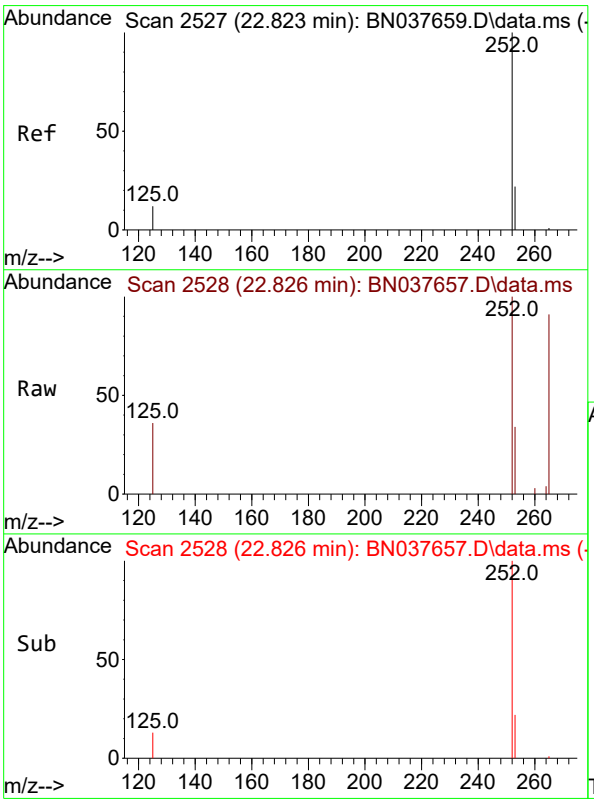
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.747 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2207

Ion	Ratio	Lower	Upper
276	100		
138	32.9	23.7	35.5
277	25.8	20.2	30.2

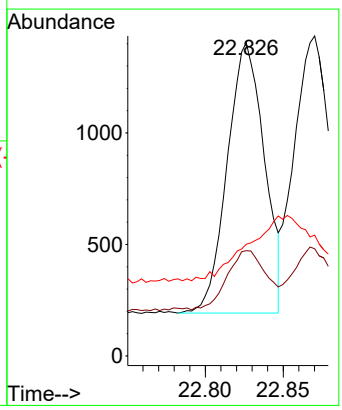


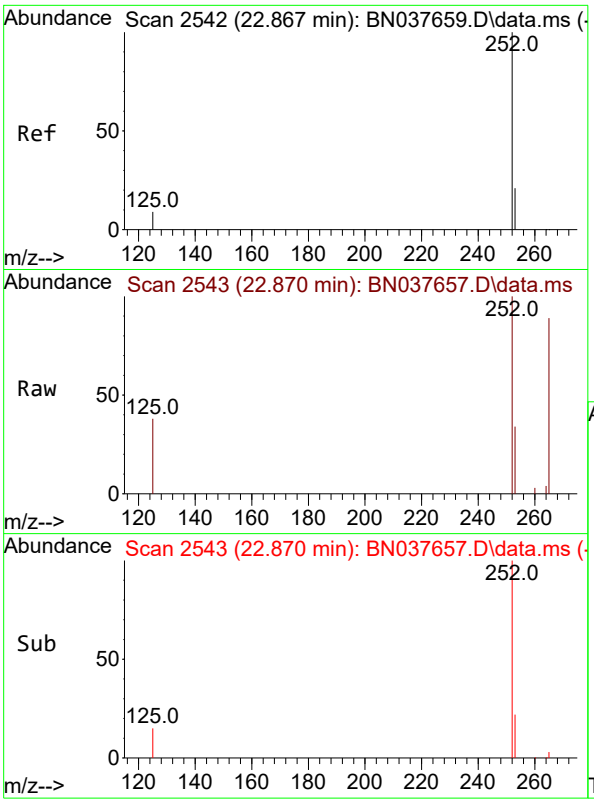


#37
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 22.826 min Scan# 2528
Delta R.T. 0.003 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:252 Resp: 2012

Ion	Ratio	Lower	Upper
252	100		
253	33.6	19.7	29.5#
125	35.7	13.9	20.9#



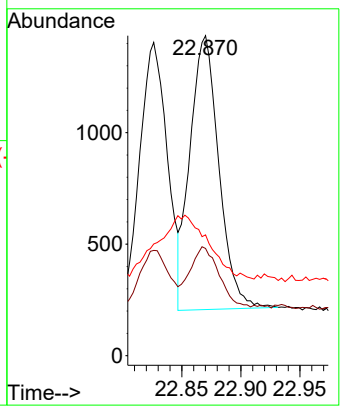


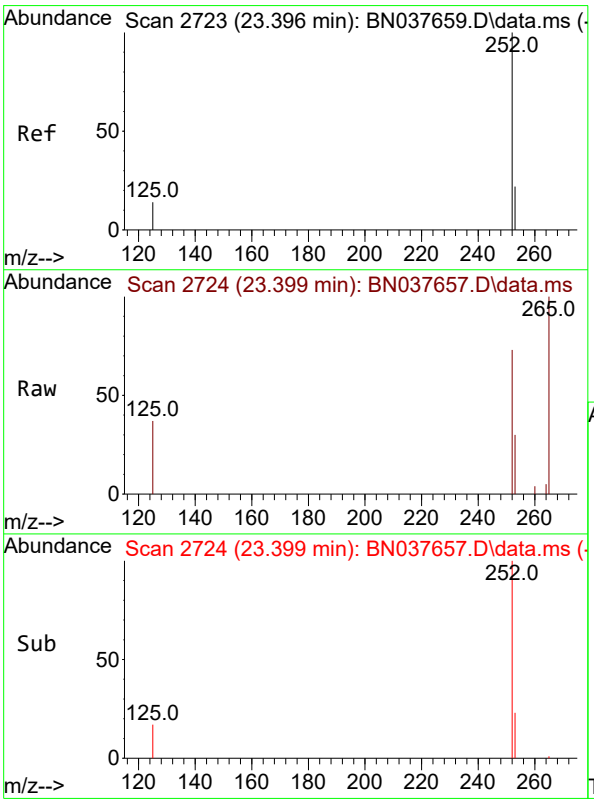
#38
Benzo(k)fluoranthene
Concen: 0.094 ng
RT: 22.870 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2090

Ion	Ratio	Lower	Upper
252	100		
253	33.5	19.7	29.5#
125	37.8	13.7	20.5#

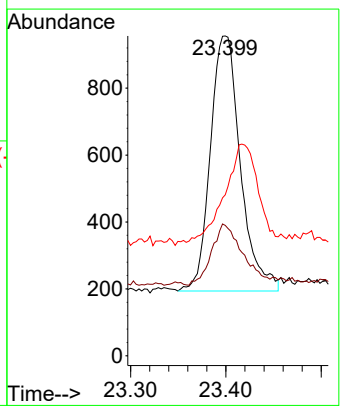


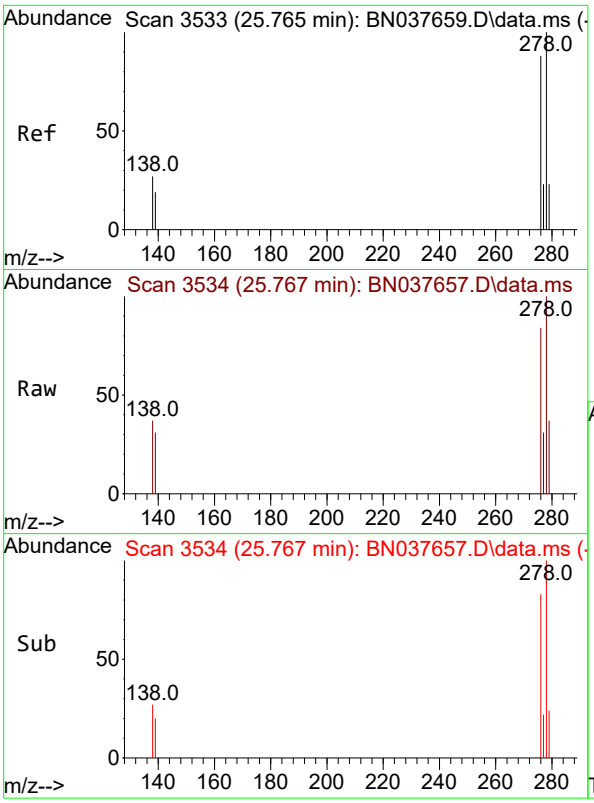


#39
Benzo(a)pyrene
Concen: 0.095 ng
RT: 23.399 min Scan# 2724
Delta R.T. 0.003 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:252 Resp: 1671

Ion	Ratio	Lower	Upper
252	100		
253	40.8	21.1	31.7#
125	50.3	17.5	26.3#



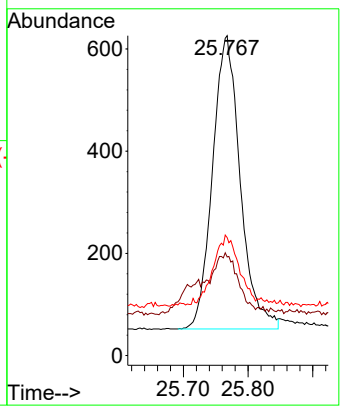


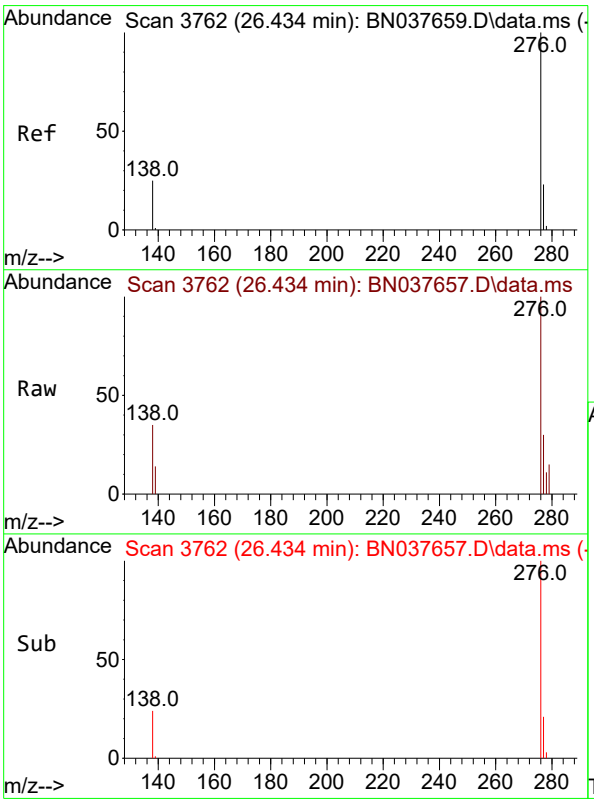
#40
Dibenzo(a,h)anthracene
Concen: 0.088 ng
RT: 25.767 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 1706

Ion	Ratio	Lower	Upper
278	100		
139	30.8	17.7	26.5#
279	36.9	21.1	31.7#





#41
Benzo(g,h,i)perylene
Concen: 0.089 ng
RT: 26.434 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BN037657.D
Acq: 04 Sep 2025 14:10

Tgt Ion:276 Resp: 1862

Ion	Ratio	Lower	Upper
276	100		
277	30.0	20.1	30.1
138	35.1	21.8	32.6#