Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038377.D
Acq On : 13 Dec 2025 07:55
Operator : RC/JU
Sample : PB170917BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Quant Time: Dec 15 11:37:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6478	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	16838	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8100	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13357	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	9050	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	9702	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	5794	0.359	ng	0.00
5) Phenol-d6	6.887	99	6480	0.338	ng	0.00
8) Nitrobenzene-d5	8.875	82	5337	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	12.116	152	11181	0.471	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	977	0.272	ng	-0.01
15) 2-Fluorobiphenyl	13.004	172	17190	0.441	ng	0.00
27) Fluoranthene-d10	19.178	212	10492	0.318	ng	0.00
31) Terphenyl-d14	19.782	244	7948	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	2194	0.295	ng	# 80
3) n-Nitrosodimethylamine	3.507	42	3109	0.334	ng	# 96
6) bis(2-Chloroethyl)ether	7.139	93	6434	0.343	ng	98
9) Naphthalene	10.562	128	16670	0.335	ng	100
10) Hexachlorobutadiene	10.861	225	2996	0.339	ng	# 99
12) 2-Methylnaphthalene	12.192	142	9487	0.300	ng	100
16) Acenaphthylene	14.099	152	14592	0.367	ng	99
17) Acenaphthene	14.452	154	8821	0.318	ng	98
18) Fluorene	15.446	166	11329	0.318	ng	100
20) 4,6-Dinitro-2-methylph...	15.523	198	372	0.169	ng	# 43
21) 4-Bromophenyl-phenylether	16.342	248	3237	0.327	ng	# 89
22) Hexachlorobenzene	16.454	284	4111	0.345	ng	99
23) Atrazine	16.615	200	2229	0.330	ng	98
24) Pentachlorophenol	16.801	266	1962	0.422	ng	99
25) Phenanthrene	17.186	178	15045	0.324	ng	99
26) Anthracene	17.273	178	13554	0.338	ng	100
28) Fluoranthene	19.211	202	14473	0.293	ng	99
30) Pyrene	19.573	202	14716	0.330	ng	100
32) Benzo(a)anthracene	21.322	228	12186	0.349	ng	98
33) Chrysene	21.375	228	13181	0.342	ng	98
34) Bis(2-ethylhexyl)phtha...	21.259	149	6031	0.314	ng	100
36) Indeno(1,2,3-cd)pyrene	25.943	276	19528	0.379	ng	100
37) Benzo(b)fluoranthene	22.932	252	14392	0.323	ng	96
38) Benzo(k)fluoranthene	22.979	252	15009	0.338	ng	96
39) Benzo(a)pyrene	23.522	252	13174	0.361	ng	98
40) Dibenzo(a,h)anthracene	25.964	278	14938	0.376	ng	98
41) Benzo(g,h,i)perylene	26.651	276	16612	0.374	ng	99

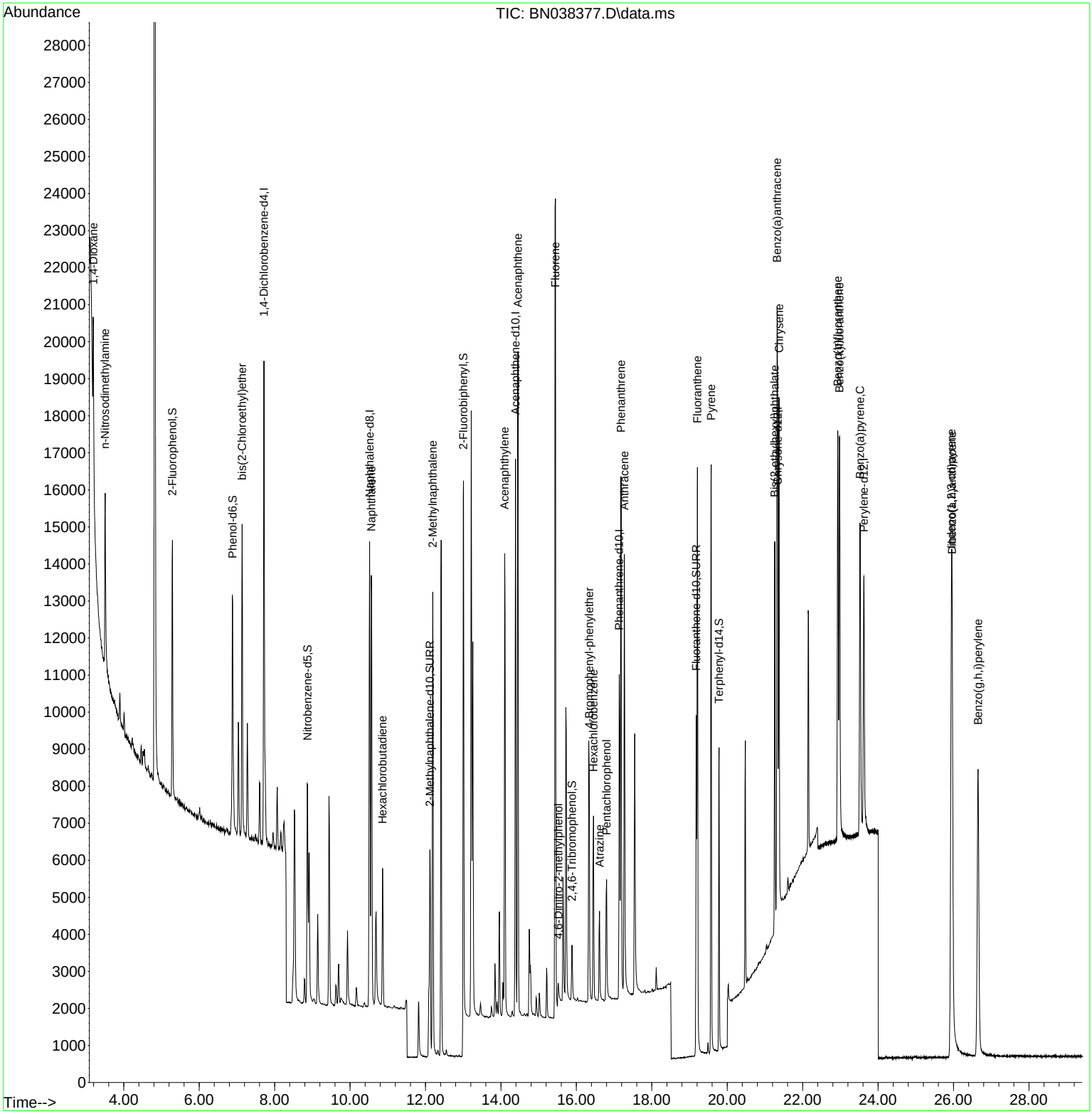
(#) = qualifier out of range (m) = manual integration (+) = signals summed

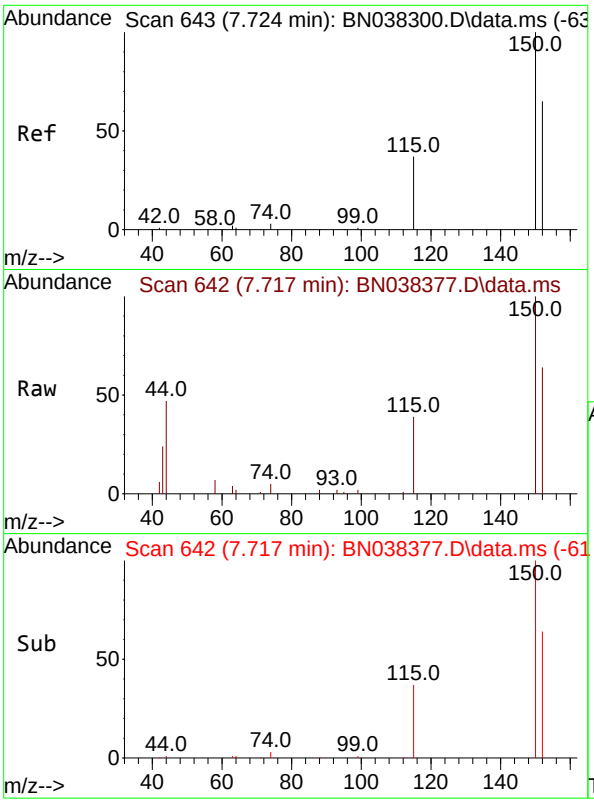
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038377.D
Acq On : 13 Dec 2025 07:55
Operator : RC/JU
Sample : PB170917BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Quant Time: Dec 15 11:37:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



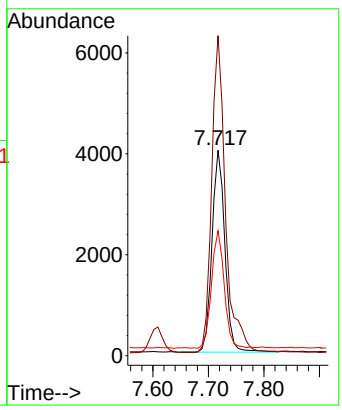


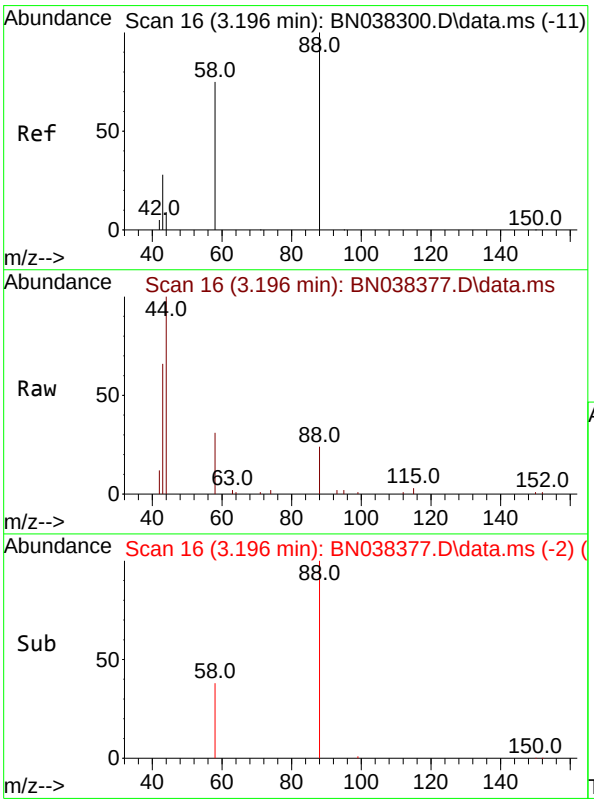
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:152 Resp: 6478

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.4	183.6
115	60.7	47.3	70.9

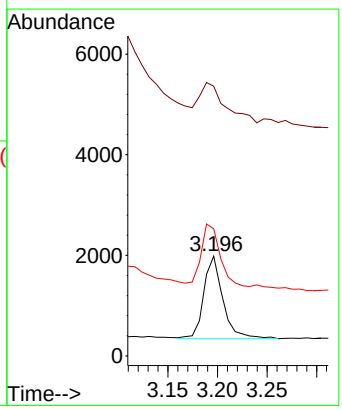


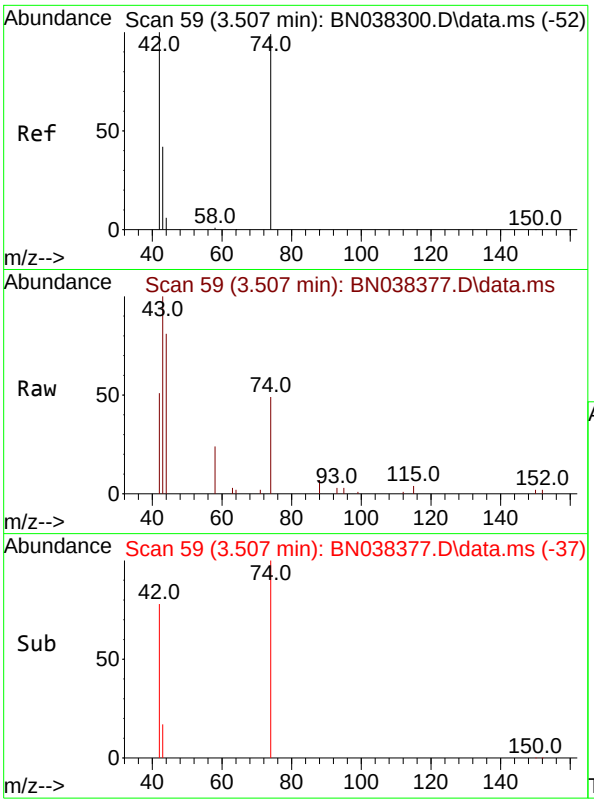


#2
1,4-Dioxane
Concen: 0.295 ng
RT: 3.196 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion: 88 Resp: 2194

Ion	Ratio	Lower	Upper
88	100		
43	65.8	24.9	37.3#
58	74.9	61.4	92.0



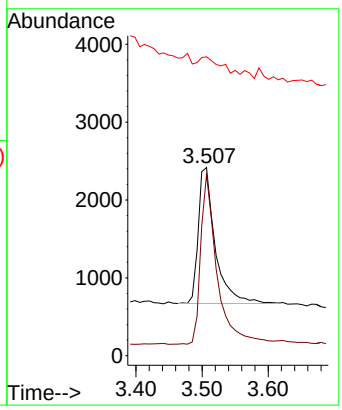


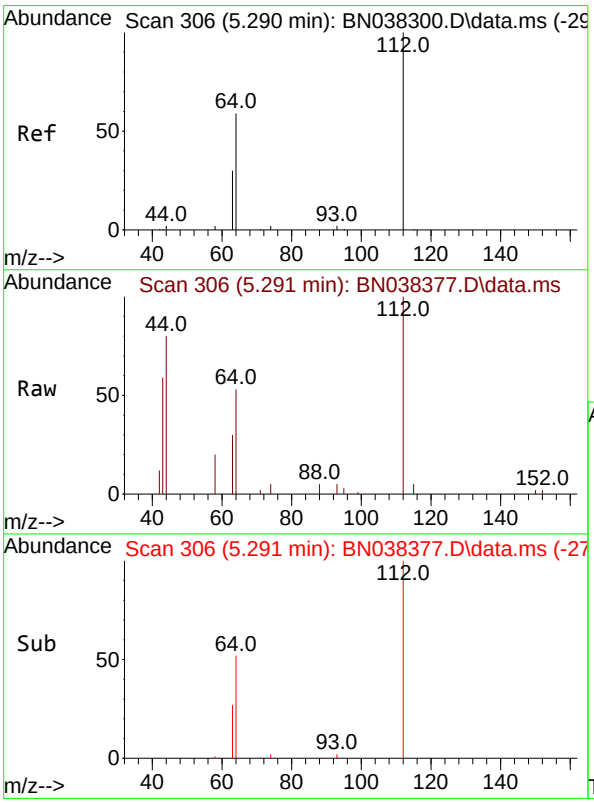
#3
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.507 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion: 42 Resp: 3109

Ion	Ratio	Lower	Upper
42	100		
74	120.3	95.3	142.9
44	23.9	7.9	11.9#

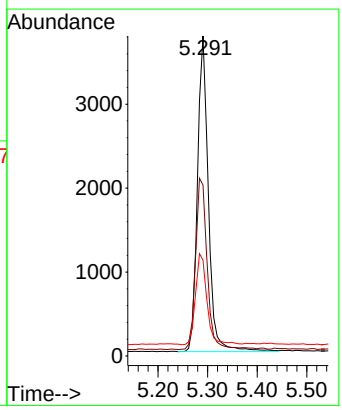


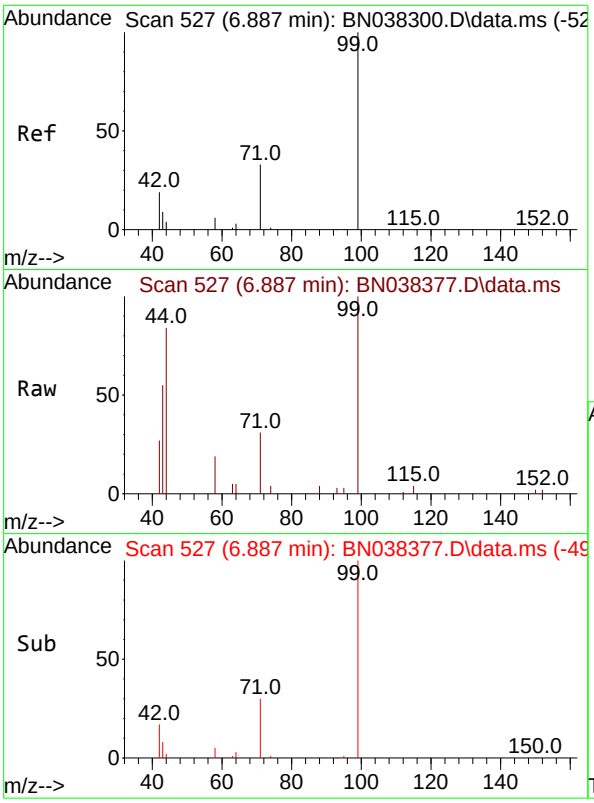


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:112 Resp: 5794

Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.4	66.6
63	30.2	23.4	35.0



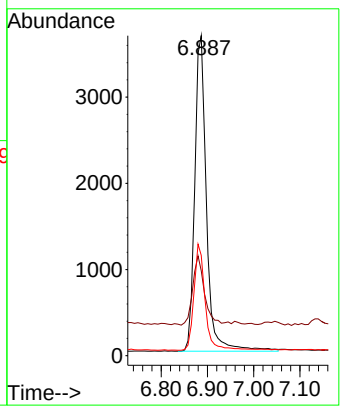


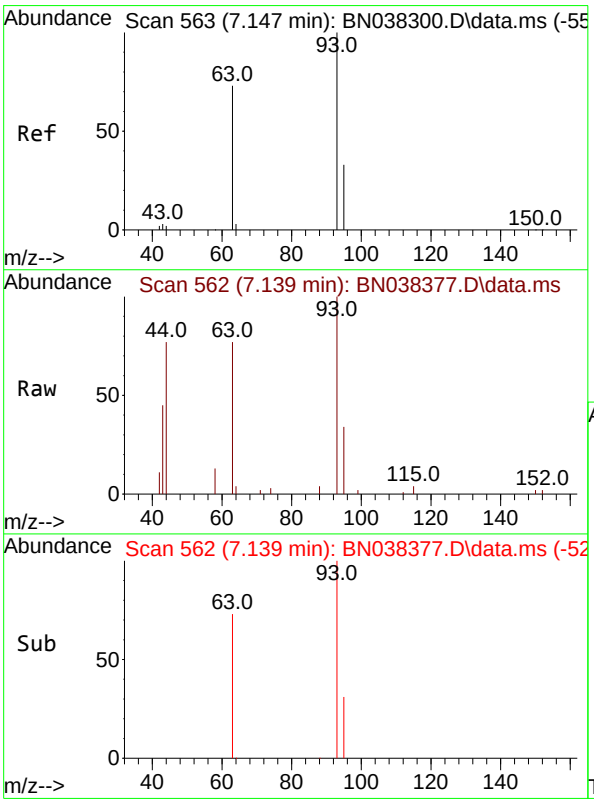
#5
Phenol-d6
Concen: 0.338 ng
RT: 6.887 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion: 99 Resp: 6480

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.5	24.7
71	32.4	24.9	37.3

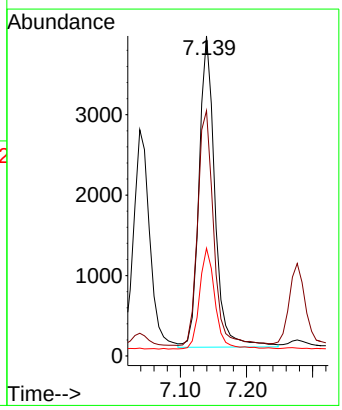


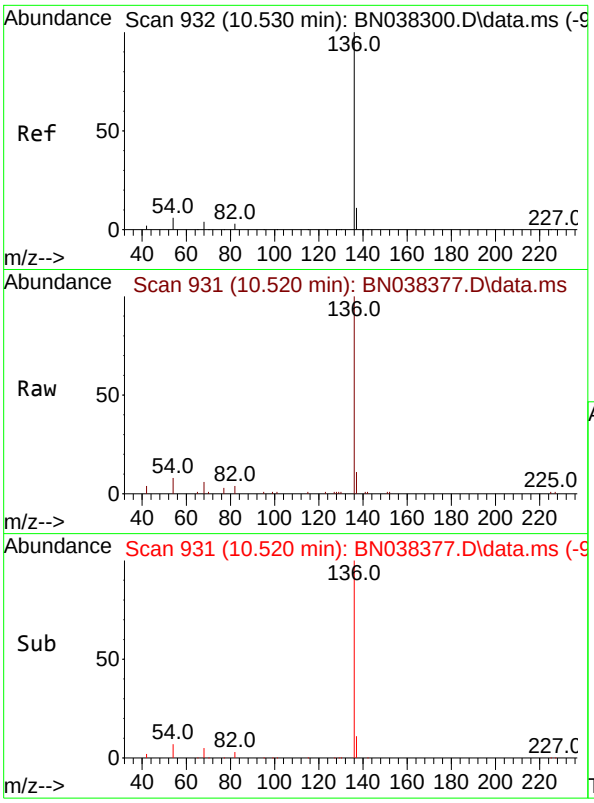


#6
bis(2-Chloroethyl)ether
Concen: 0.343 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.007 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion: 93 Resp: 6434

Ion	Ratio	Lower	Upper
93	100		
63	76.2	59.2	88.8
95	31.7	25.2	37.8



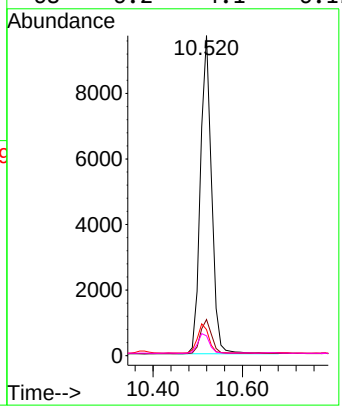


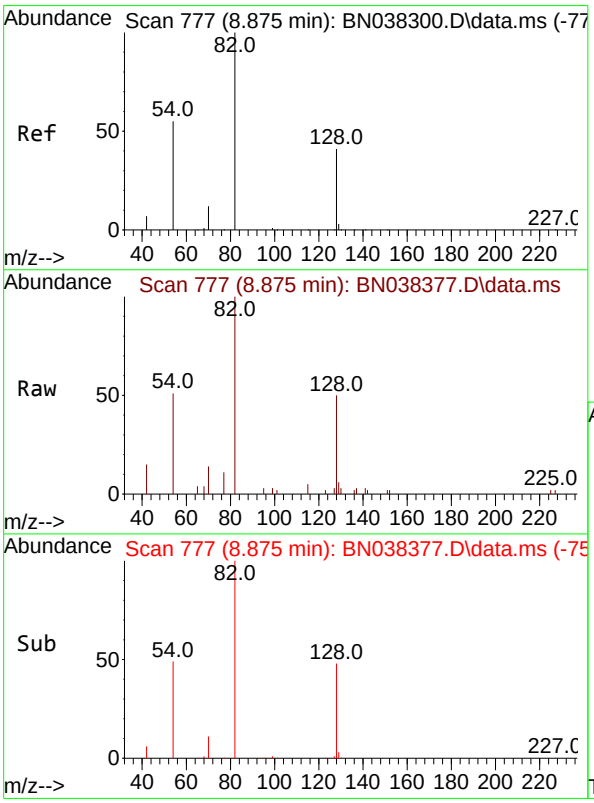
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:136 Resp: 16838

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.2	5.2	7.8#
68	6.2	4.1	6.1#

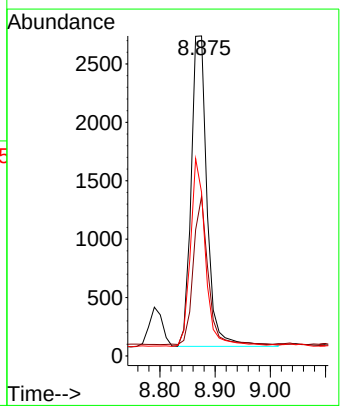


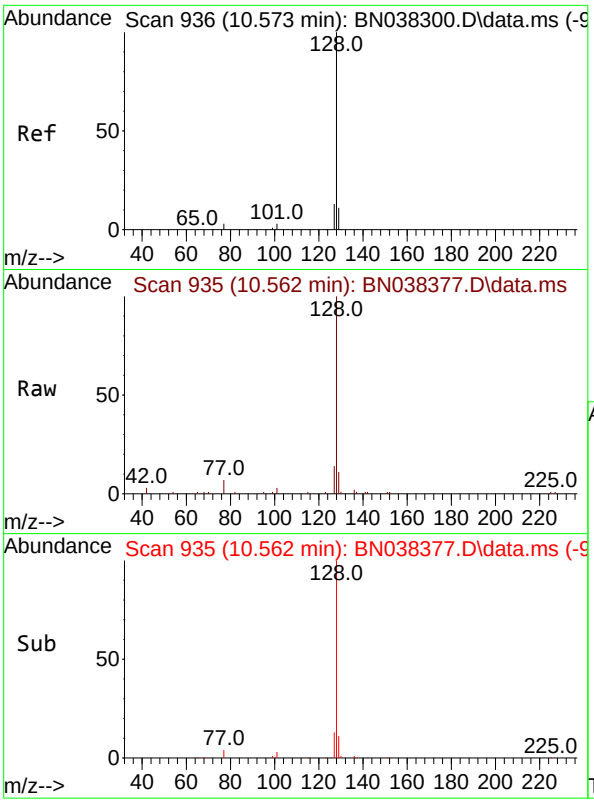


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion: 82 Resp: 5337

Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.0	51.0
54	51.1	44.4	66.6



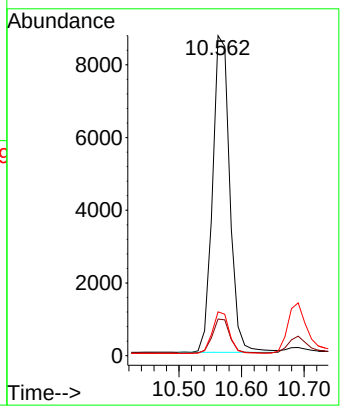


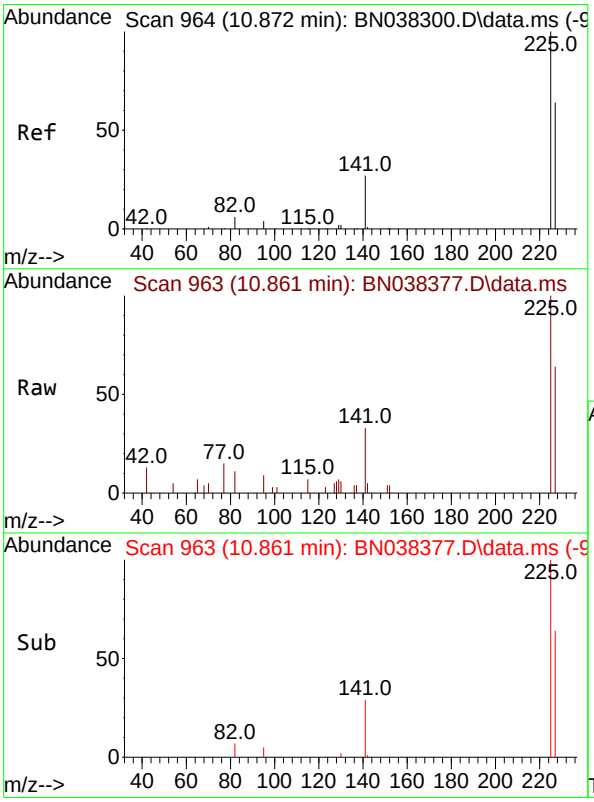
#9
Naphthalene
Concen: 0.335 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:128 Resp: 16670

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.7	10.9	16.3

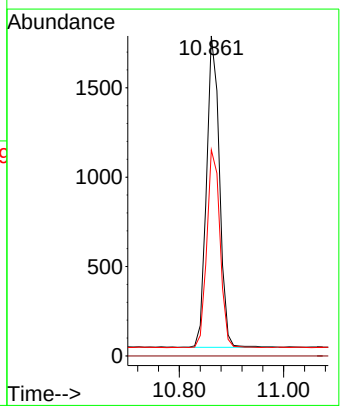


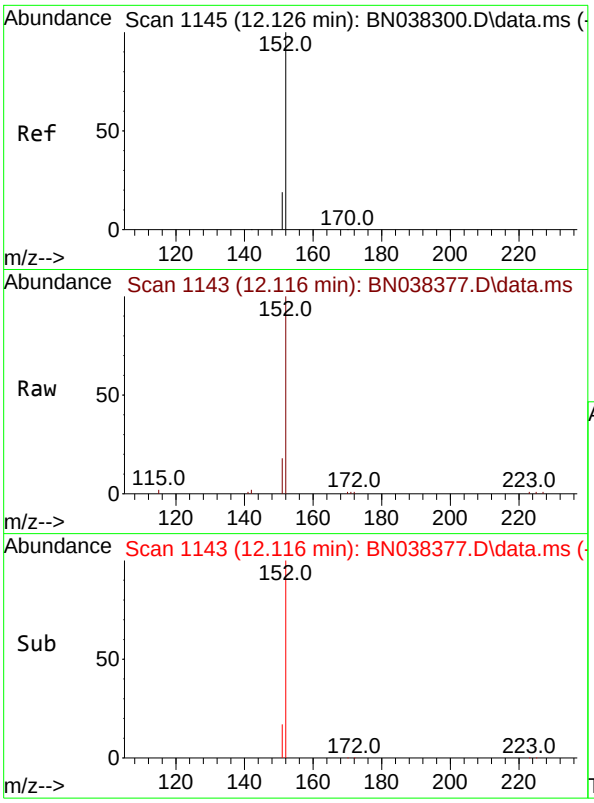


#10
Hexachlorobutadiene
Concen: 0.339 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.011 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:225 Resp: 2996

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.2	76.8



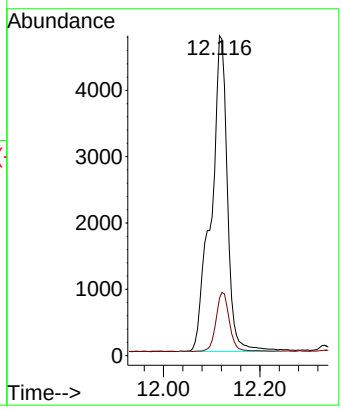


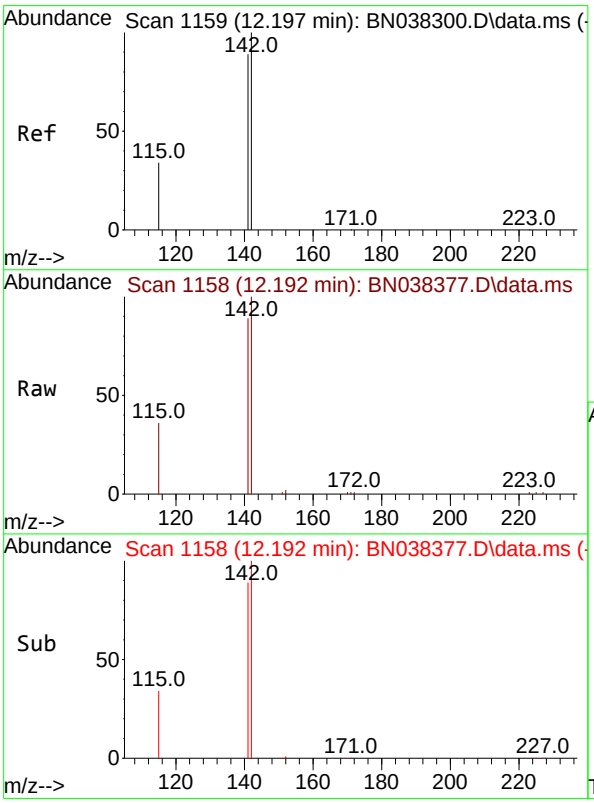
#11
2-Methylnaphthalene-d10
Concen: 0.471 ng
RT: 12.116 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:152 Resp: 11181

Ion	Ratio	Lower	Upper
152	100		
151	15.3	17.0	25.6#

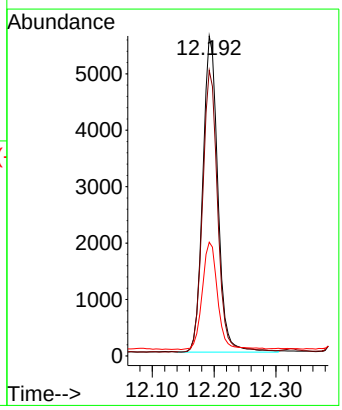


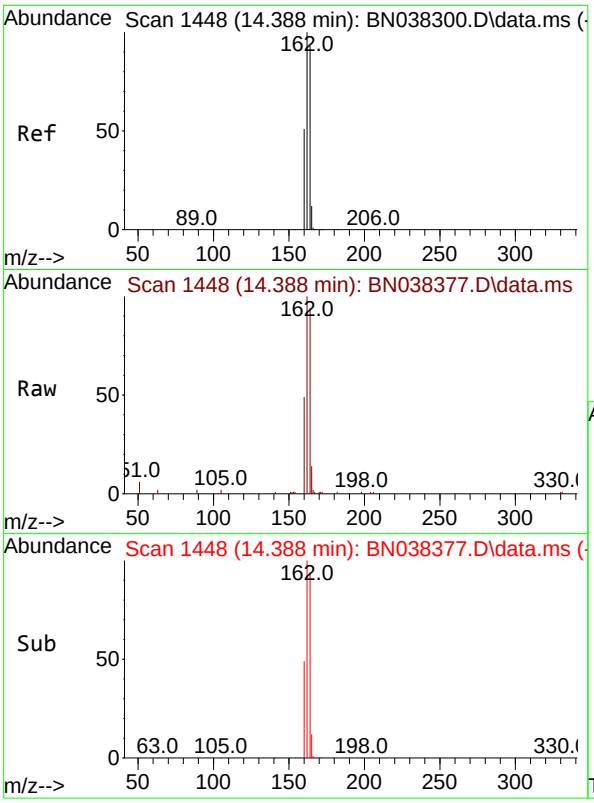


#12
2-Methylnaphthalene
Concen: 0.300 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:142 Resp: 9487

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	35.5	28.4	42.6



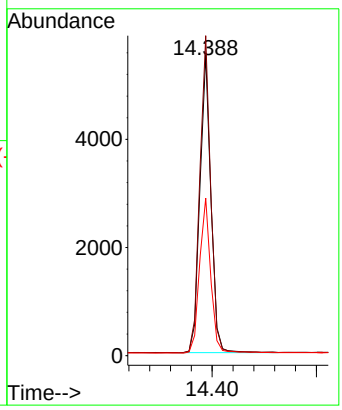


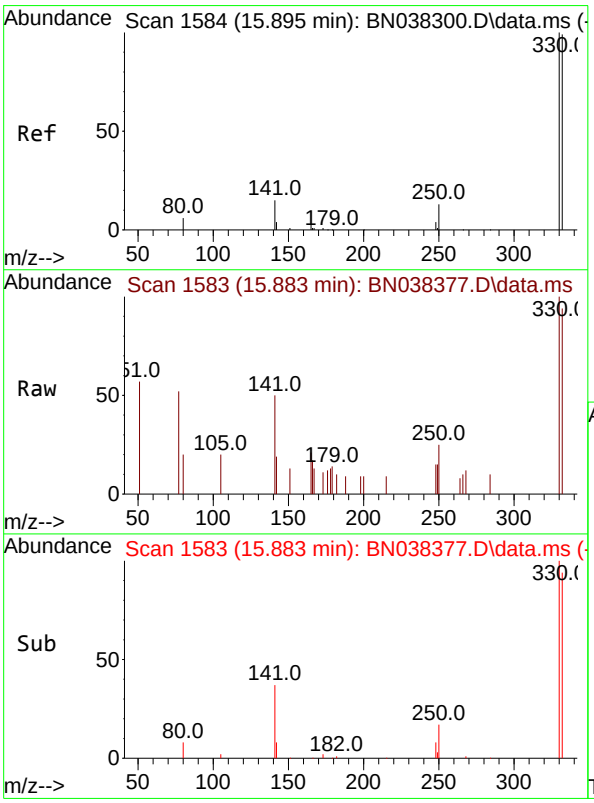
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:164 Resp: 8100

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.2	129.4
160	52.4	44.6	67.0

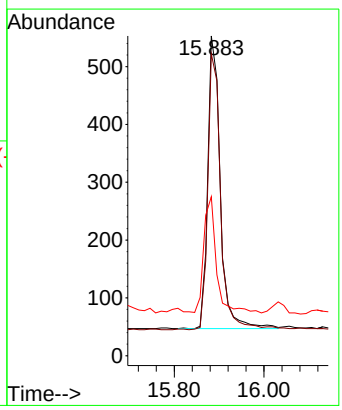


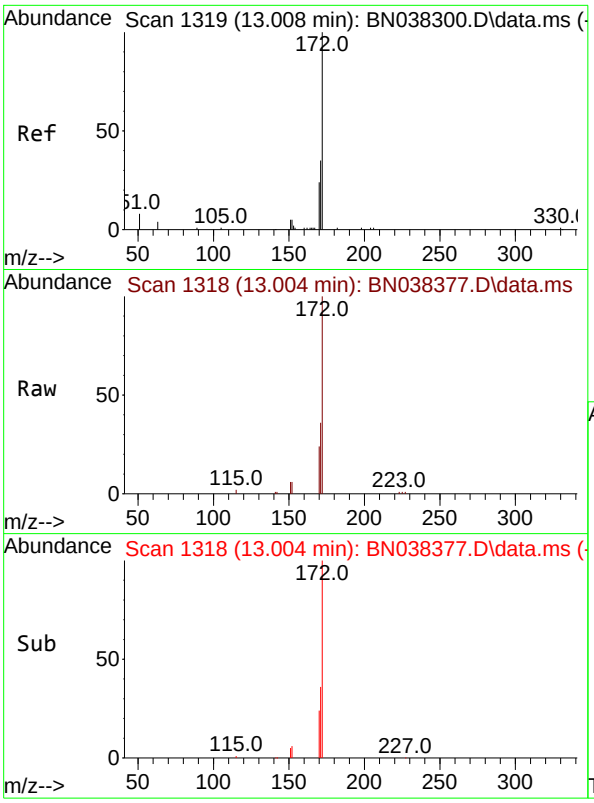


#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:330 Resp: 977

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.8	113.6
141	39.8	31.8	47.8



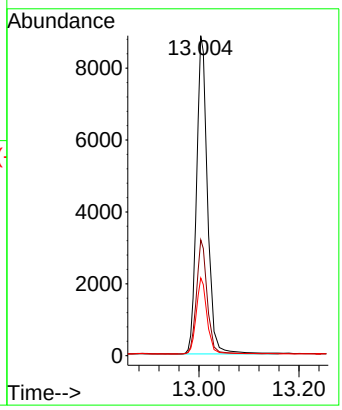


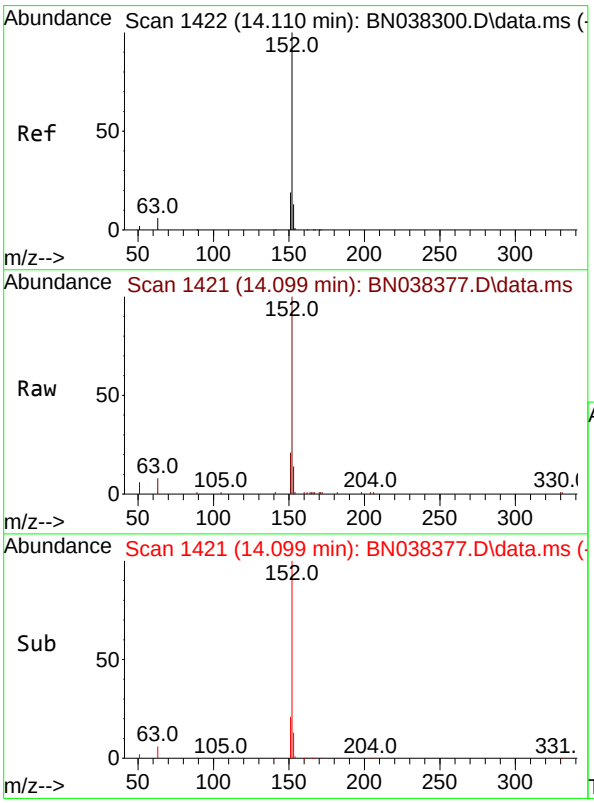
#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:172 Resp: 17190

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.3	19.3	28.9

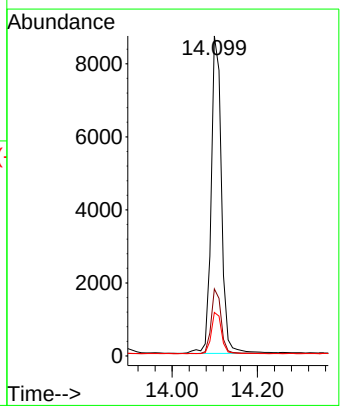


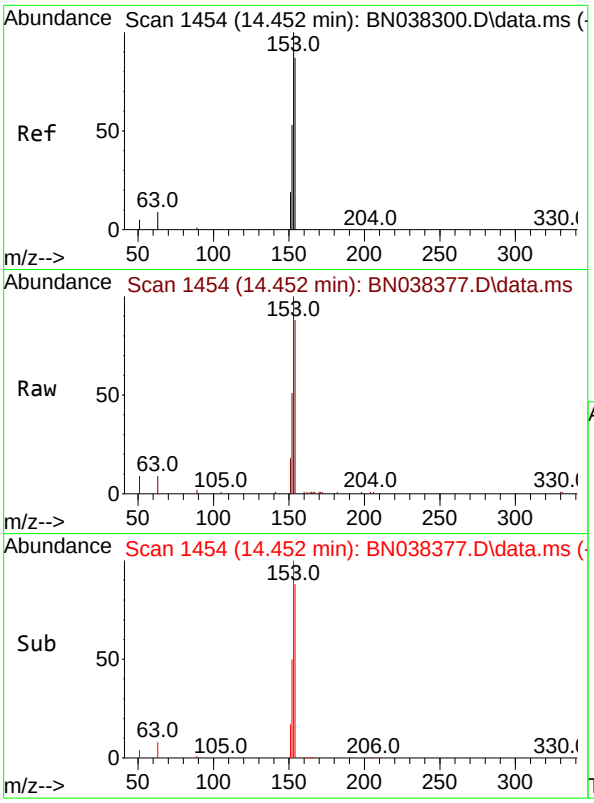


#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:152 Resp: 14592

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2
153	13.0	10.2	15.4



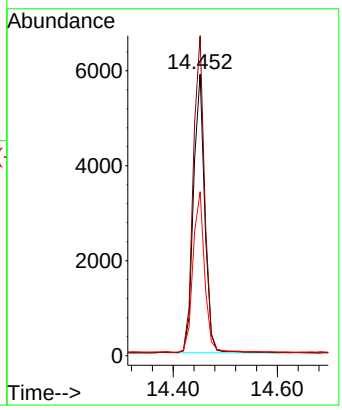


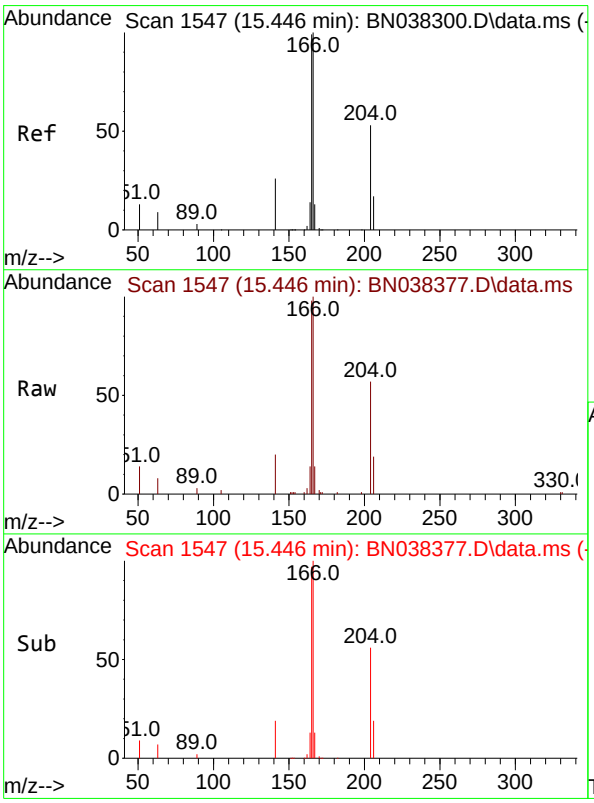
#17
Acenaphthene
Concen: 0.318 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:154 Resp: 8821

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.8	134.8
152	59.7	47.5	71.3

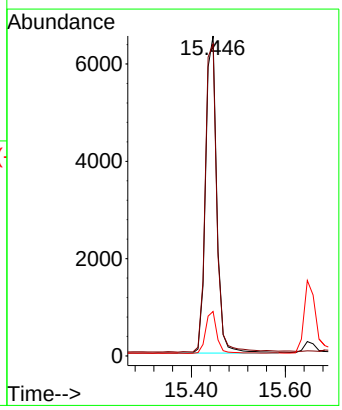


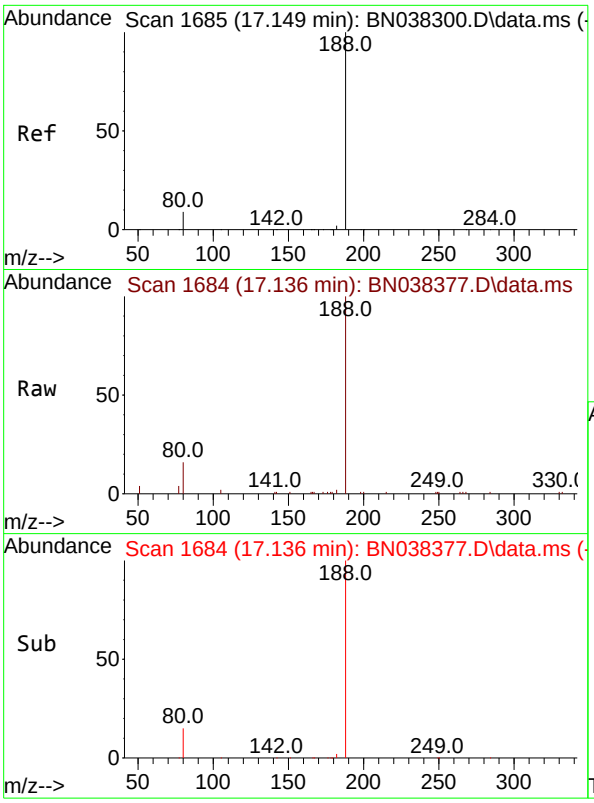


#18
Fluorene
Concen: 0.318 ng
RT: 15.446 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:166 Resp: 11329

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.2	120.4
167	13.2	10.6	16.0



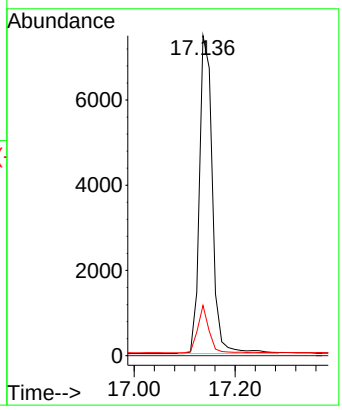


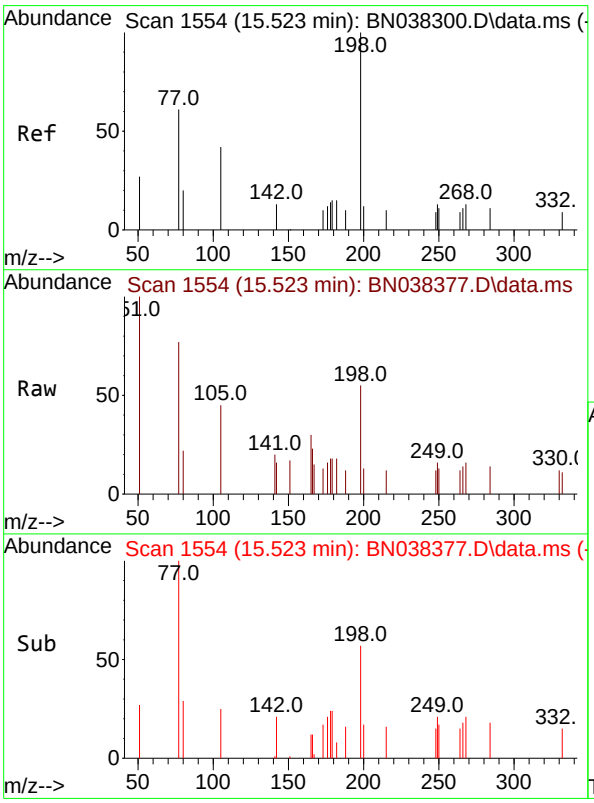
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:188 Resp: 13357

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.7	7.4	11.0#

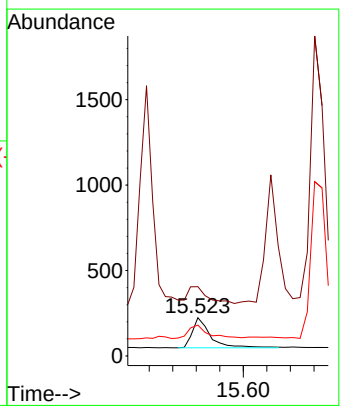


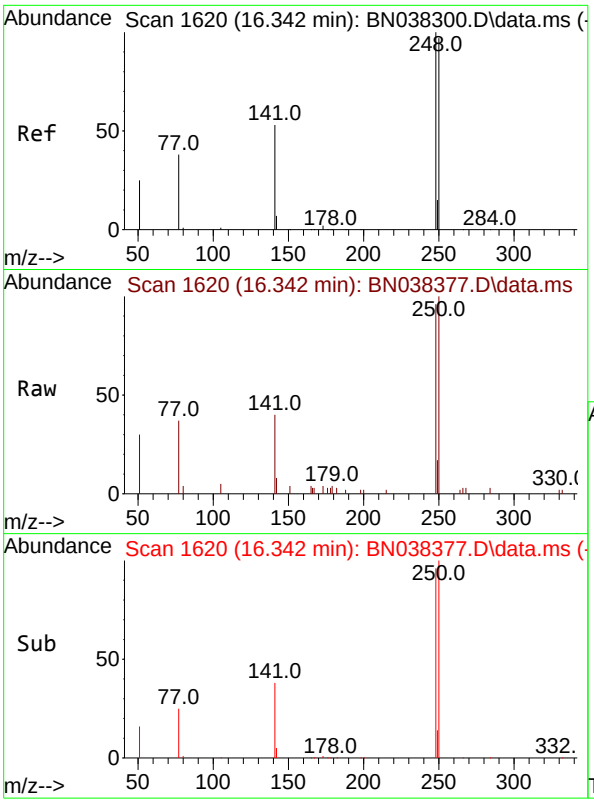


#20
4,6-Dinitro-2-methylphenol
Concen: 0.169 ng
RT: 15.523 min Scan# 1554
Delta R.T. 0.001 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:198 Resp: 372

Ion	Ratio	Lower	Upper
198	100		
51	181.3	86.3	129.5#
105	80.8	45.3	67.9#



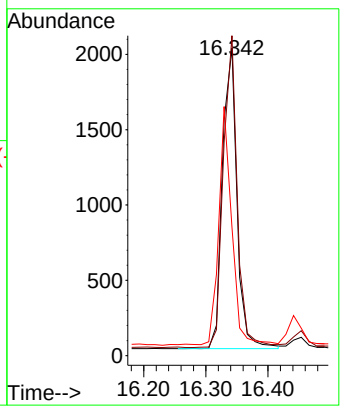


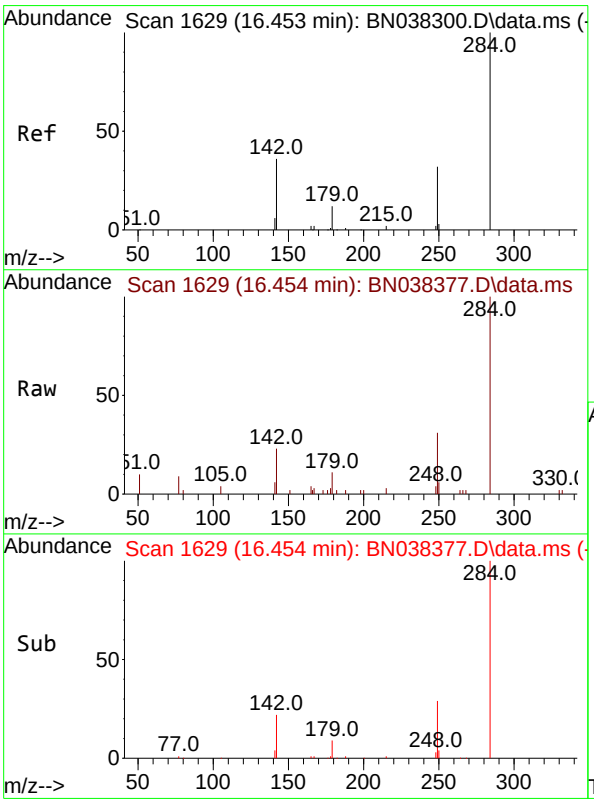
#21
4-Bromophenyl-phenylether
Concen: 0.327 ng
RT: 16.342 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:248 Resp: 3237

Ion	Ratio	Lower	Upper
248	100		
250	104.1	78.2	117.2
141	41.8	43.7	65.5#

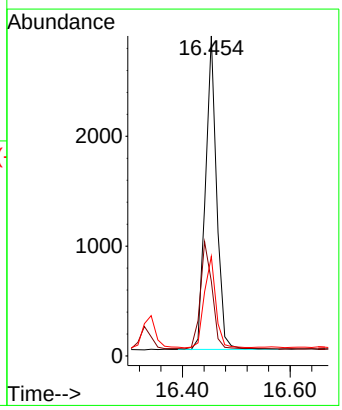


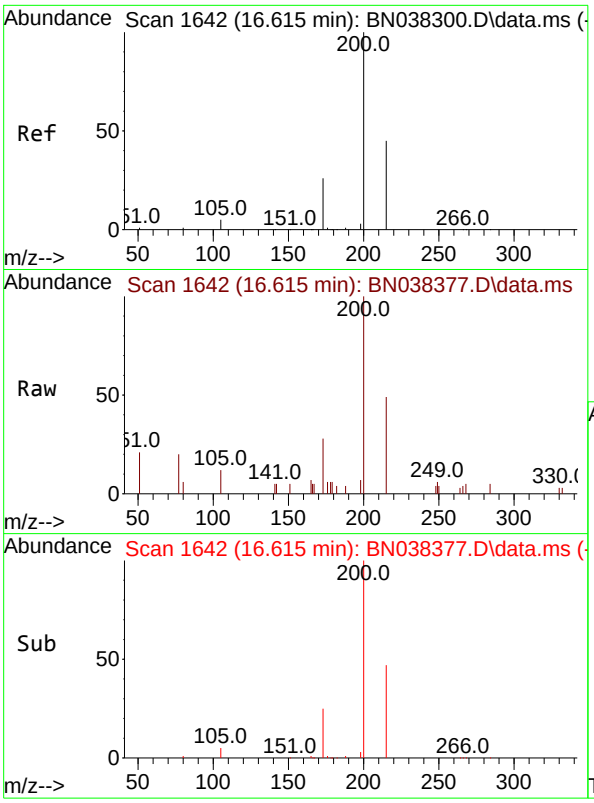


#22
Hexachlorobenzene
Concen: 0.345 ng
RT: 16.454 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:284 Resp: 4111

Ion	Ratio	Lower	Upper
284	100		
142	36.3	29.5	44.3
249	30.1	23.7	35.5



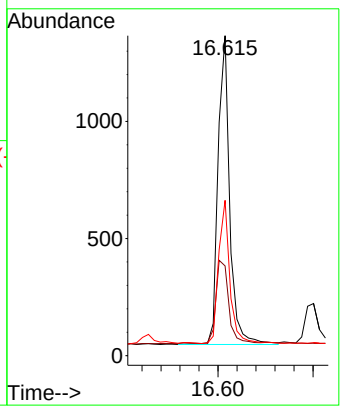


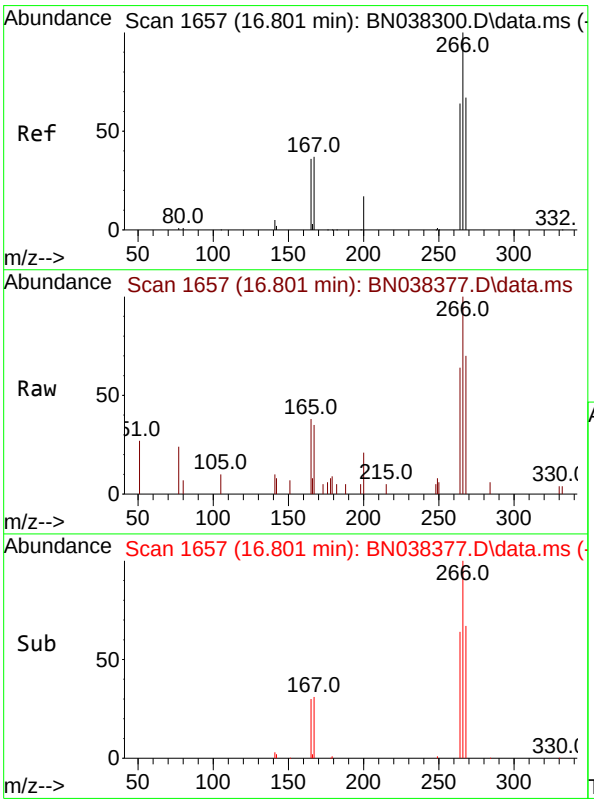
#23
Atrazine
Concen: 0.330 ng
RT: 16.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:200 Resp: 2229

Ion	Ratio	Lower	Upper
200	100		
173	28.0	22.1	33.1
215	48.5	37.4	56.2

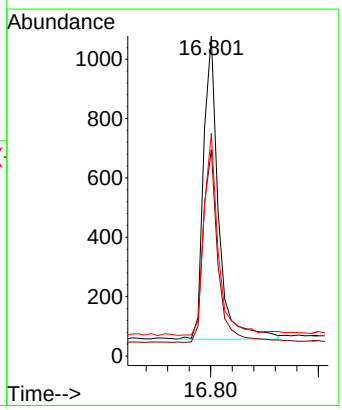


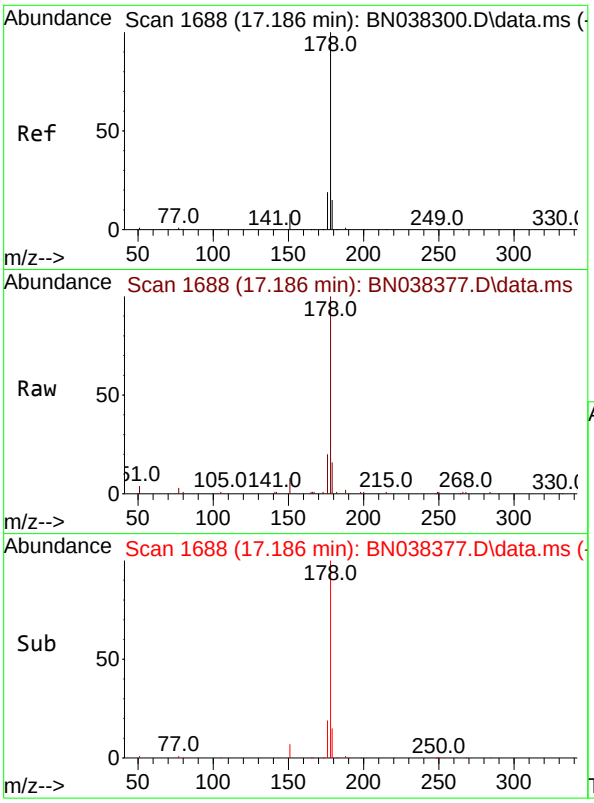


#24
Pentachlorophenol
Concen: 0.422 ng
RT: 16.801 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:266 Resp: 1962

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.2	75.2
268	63.8	52.6	78.8



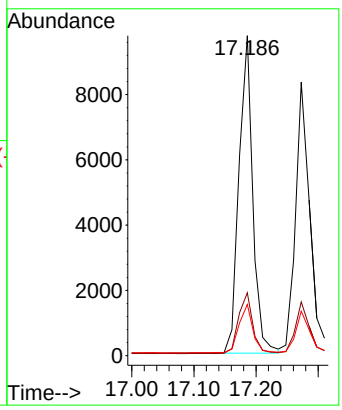


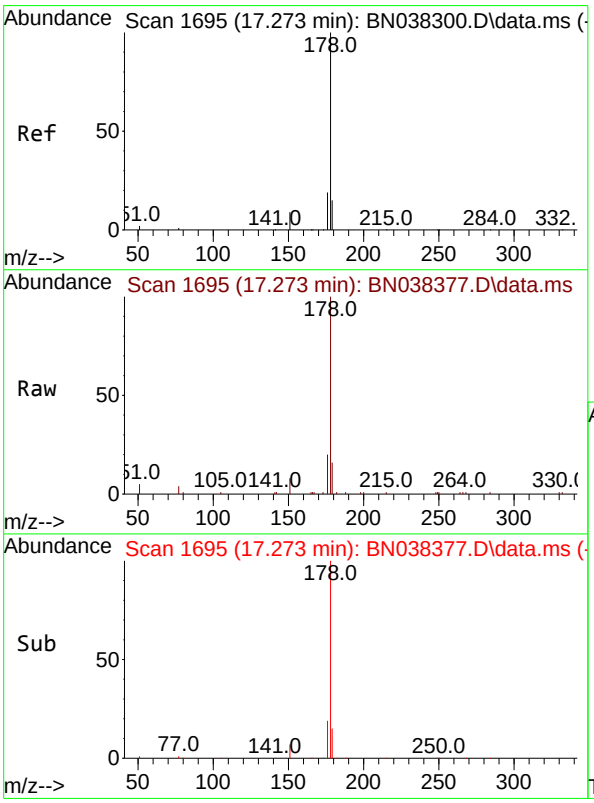
#25
Phenanthrene
Concen: 0.324 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:178 Resp: 15045

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.4	12.2	18.2

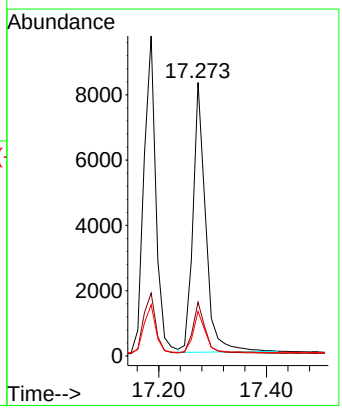


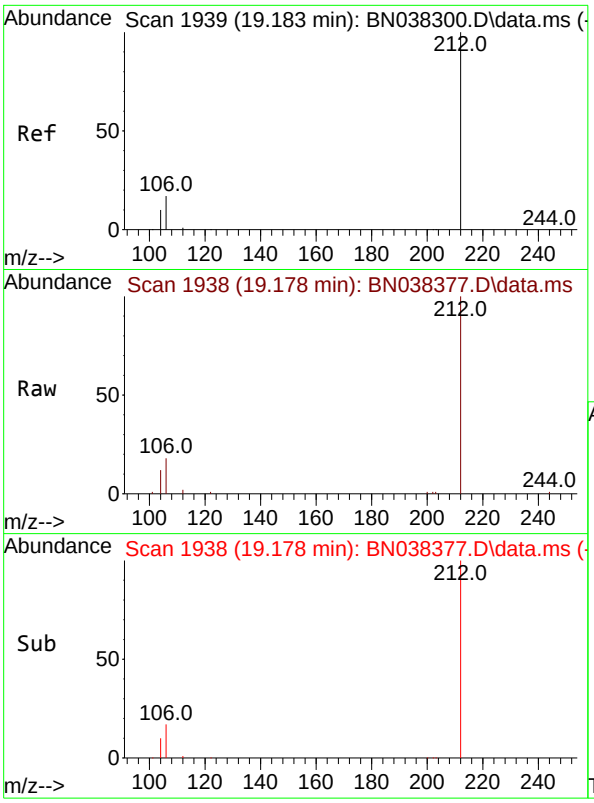


#26
Anthracene
Concen: 0.338 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:178 Resp: 13554

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	14.9	12.0	18.0



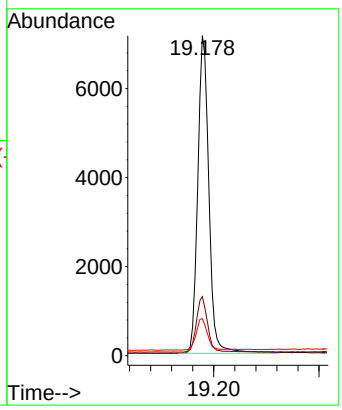


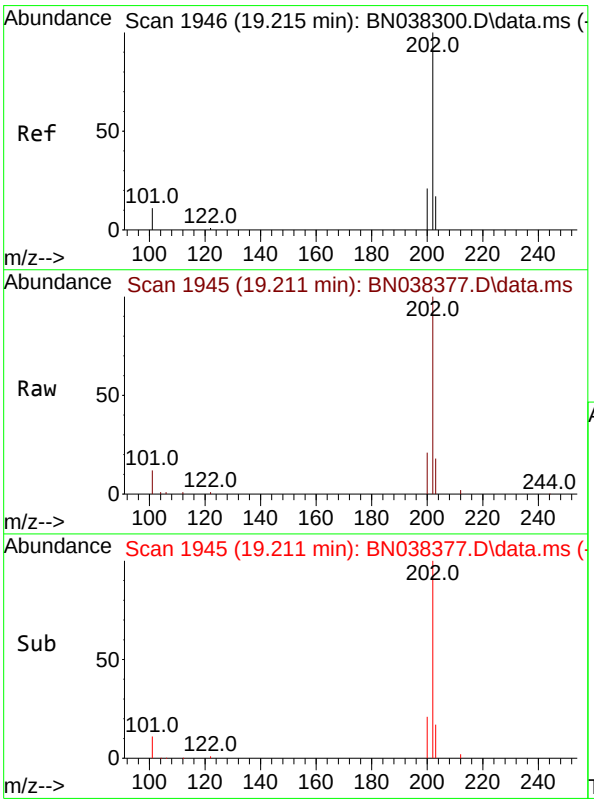
#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.178 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:212 Resp: 10492

Ion	Ratio	Lower	Upper
212	100		
106	17.6	13.7	20.5
104	10.0	7.8	11.8

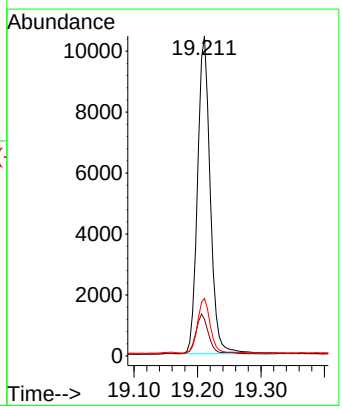


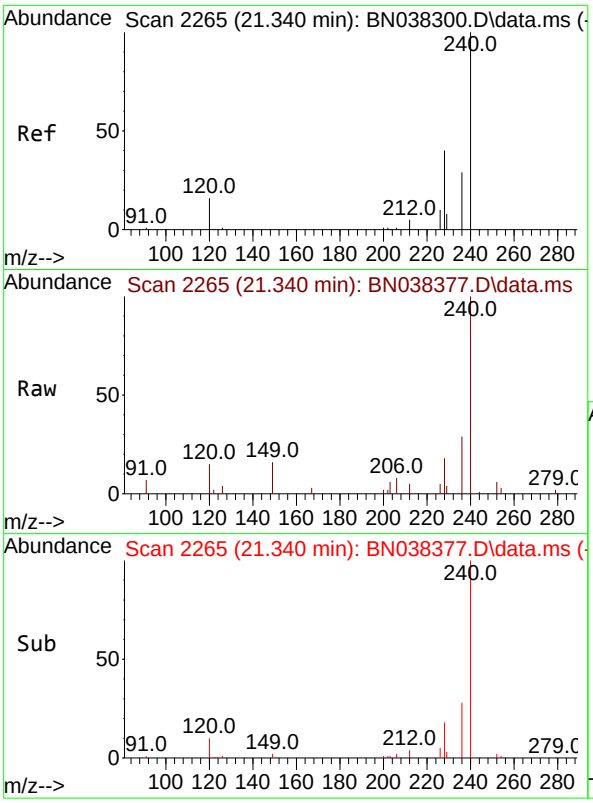


#28
Fluoranthene
Concen: 0.293 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.009 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:202 Resp: 14473

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.6	14.4
203	17.2	13.5	20.3



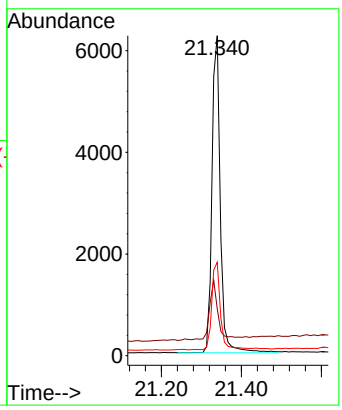


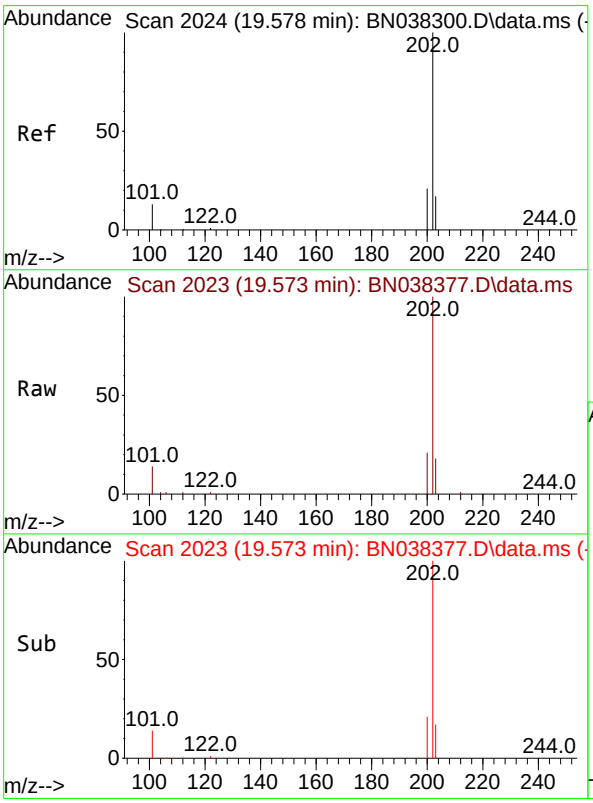
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:240 Resp: 9050

Ion	Ratio	Lower	Upper
240	100		
120	14.6	15.4	23.2#
236	29.2	23.9	35.9

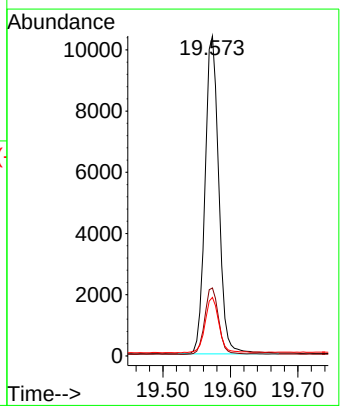


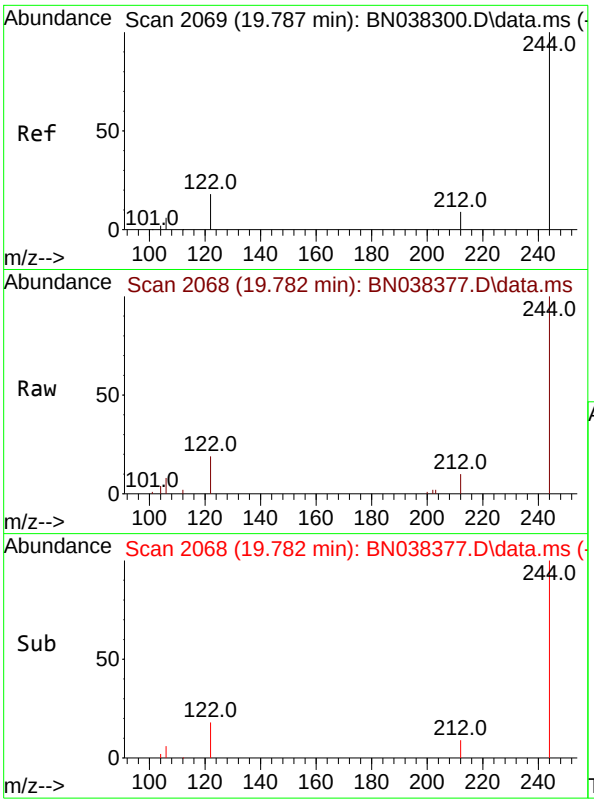


#30
Pyrene
Concen: 0.330 ng
RT: 19.573 min Scan# 2023
Delta R.T. -0.009 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:202 Resp: 14716

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.6	14.2	21.2



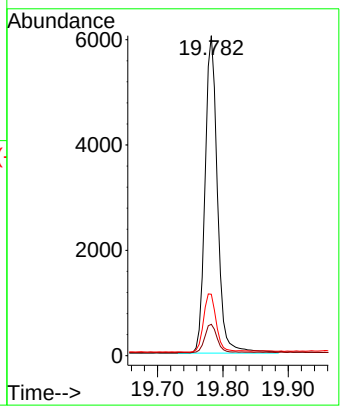


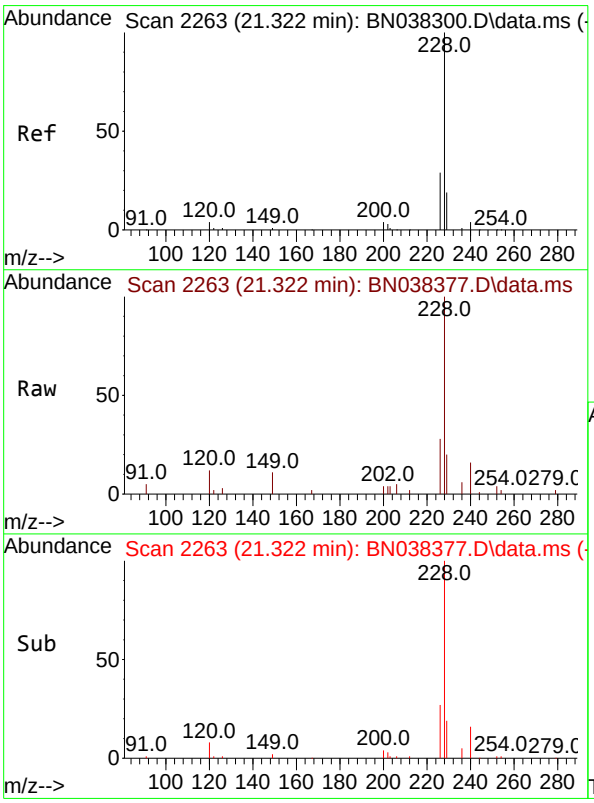
#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.782 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:244 Resp: 7948

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.9	11.9
122	19.2	15.0	22.6

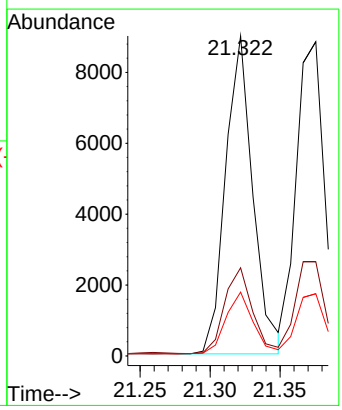


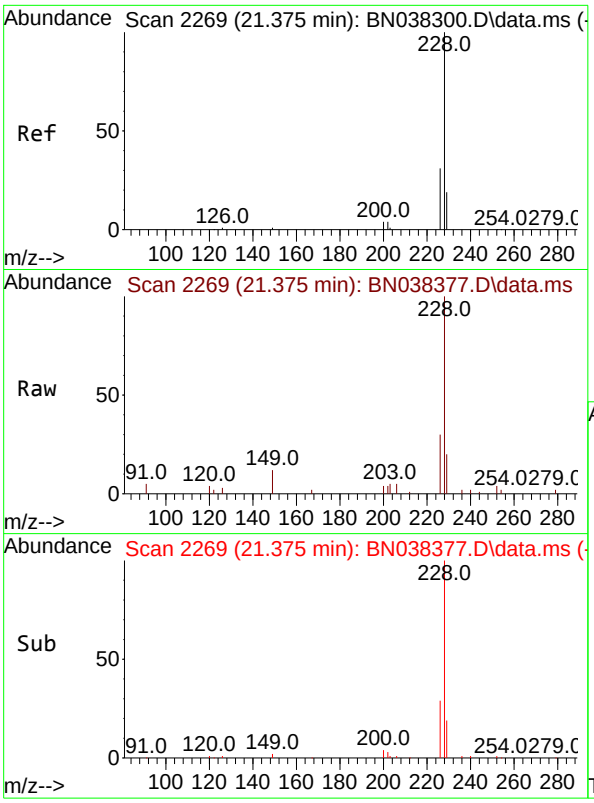


#32
Benzo(a)anthracene
Concen: 0.349 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.009 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:228 Resp: 12186

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.3	34.9
229	20.0	15.7	23.5



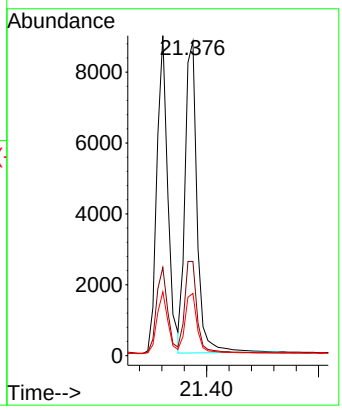


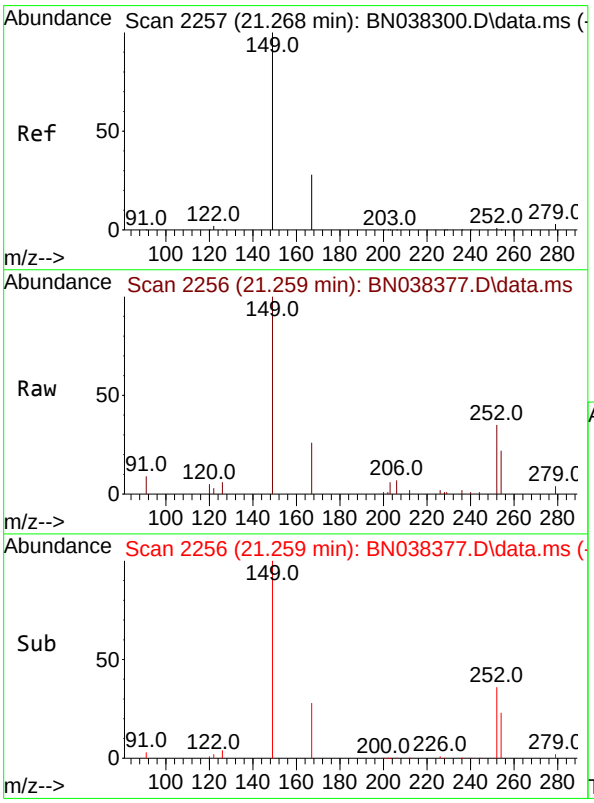
#33
Chrysene
Concen: 0.342 ng
RT: 21.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:228 Resp: 13181

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.4
229	19.8	15.5	23.3

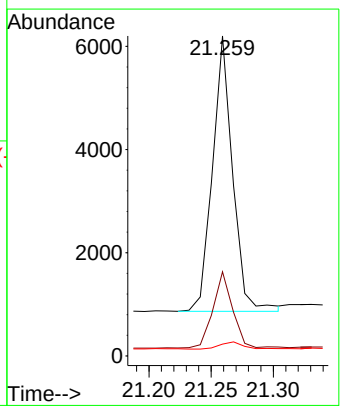


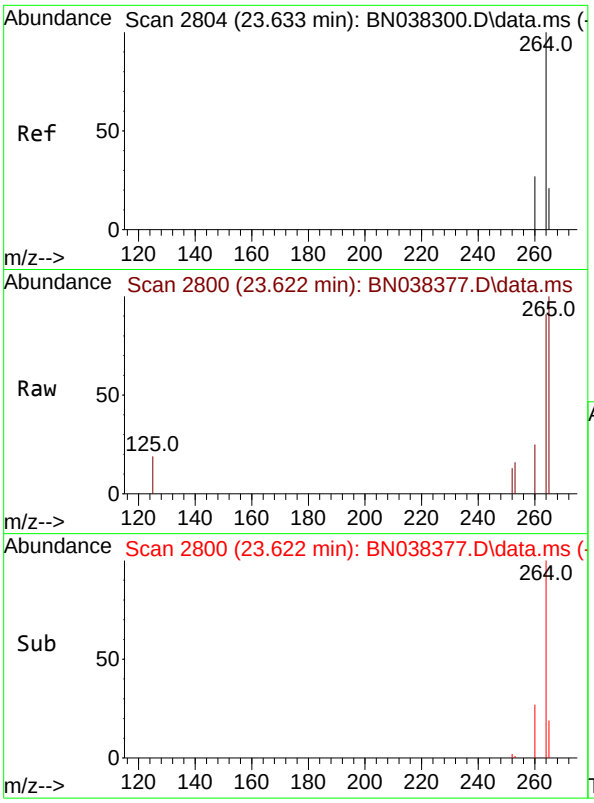


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.314 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:149 Resp: 6031

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.3	2.4	3.6



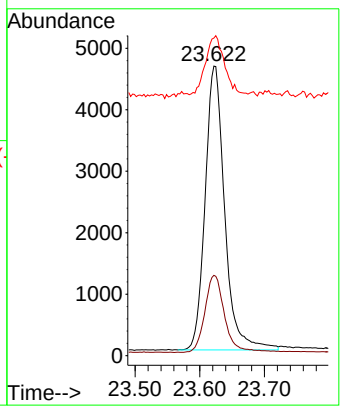


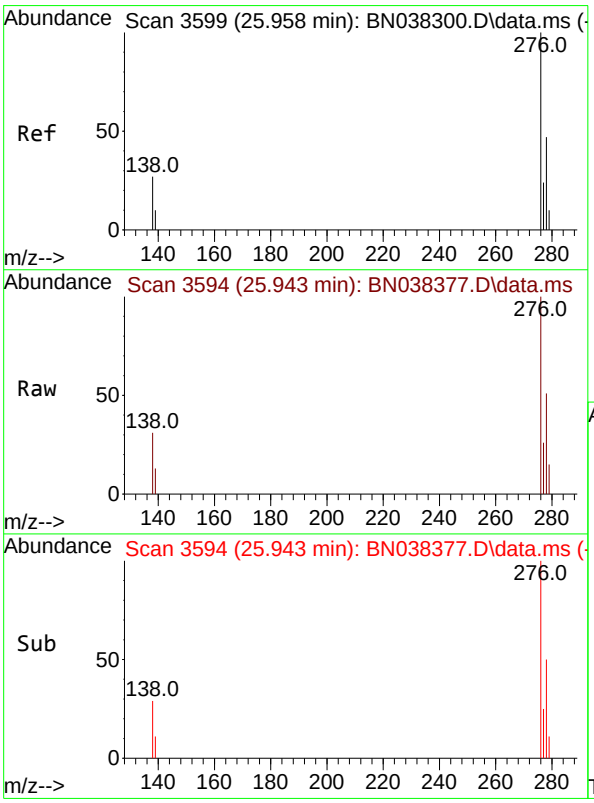
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:264 Resp: 9702

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.2	33.2
265	109.7	80.2	120.2

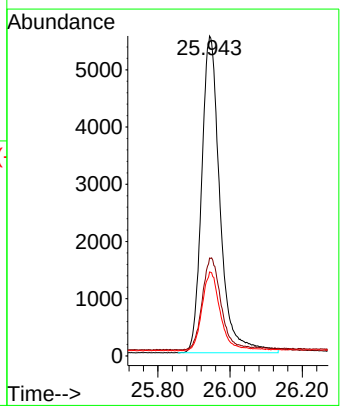


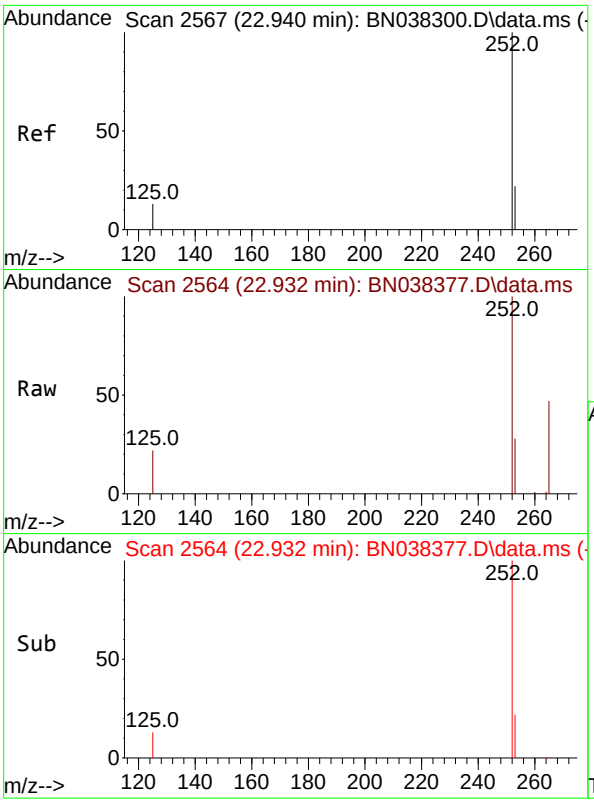


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 25.943 min Scan# 3594
Delta R.T. -0.020 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:276 Resp: 19528

Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.6	35.4
277	24.7	19.7	29.5



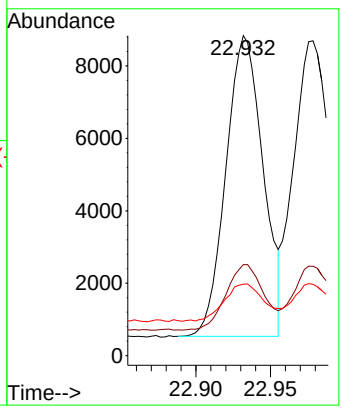


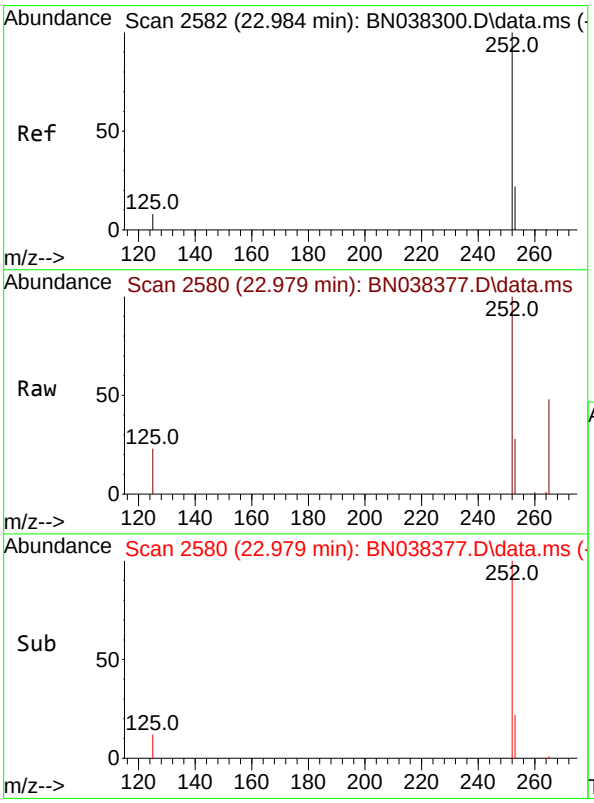
#37
Benzo(b)fluoranthene
Concen: 0.323 ng
RT: 22.932 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:252 Resp: 14392

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.1	31.7
125	22.3	16.4	24.6

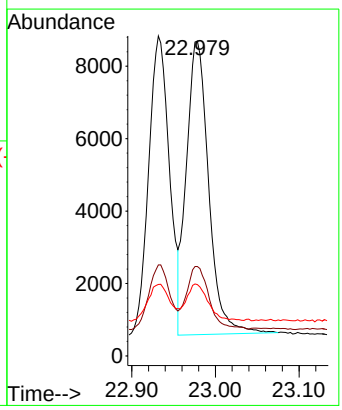


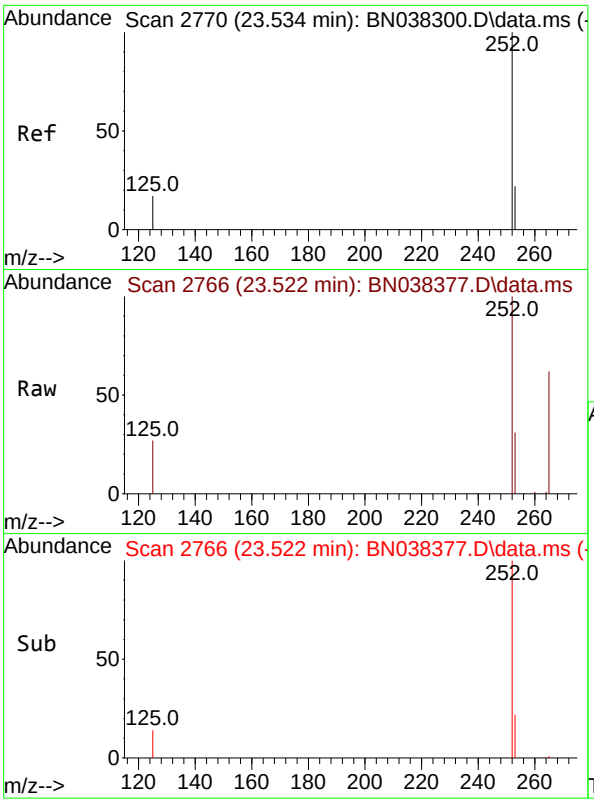


#38
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 22.979 min Scan# 2580
Delta R.T. -0.012 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:252 Resp: 15009

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.4	32.0
125	22.7	16.2	24.2



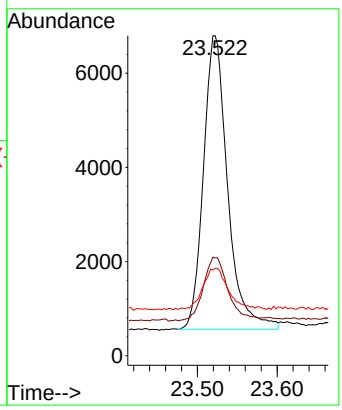


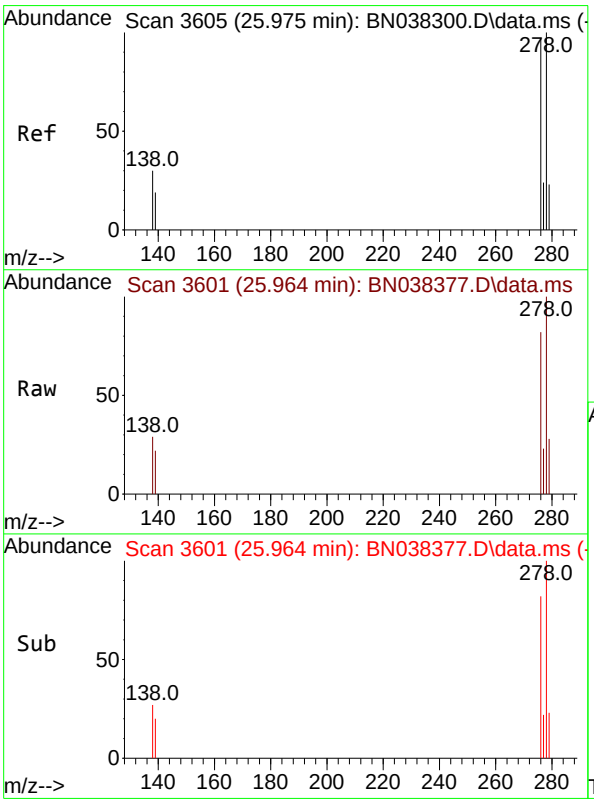
#39
Benzo(a)pyrene
Concen: 0.361 ng
RT: 23.522 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:252 Resp: 13174

Ion	Ratio	Lower	Upper
252	100		
253	30.5	23.3	34.9
125	27.3	22.4	33.6

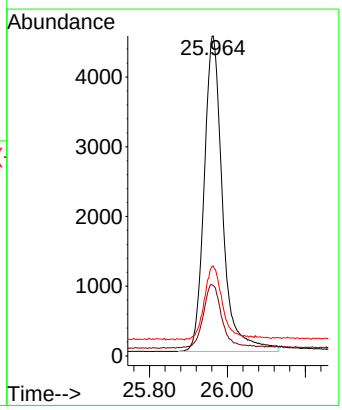


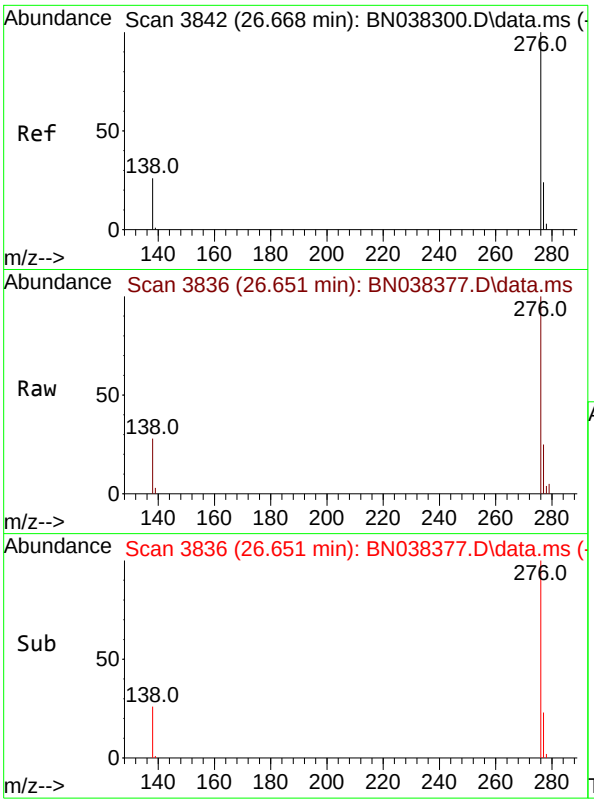


#40
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 25.964 min Scan# 3601
Delta R.T. -0.017 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Tgt Ion:278 Resp: 14938

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.8	26.8
279	28.1	21.3	31.9





#41
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 26.651 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN038377.D
Acq: 13 Dec 2025 07:55

Instrument :
BNA_N
ClientSampleId :
PB170917BS

Tgt Ion:276 Resp: 16612

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.0	30.0
138	28.0	21.8	32.6