Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038461.D
Acq On : 17 Dec 2025 03:12
Operator : RC/JU
Sample : Q3863-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Quant Time: Dec 17 06:42:58 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

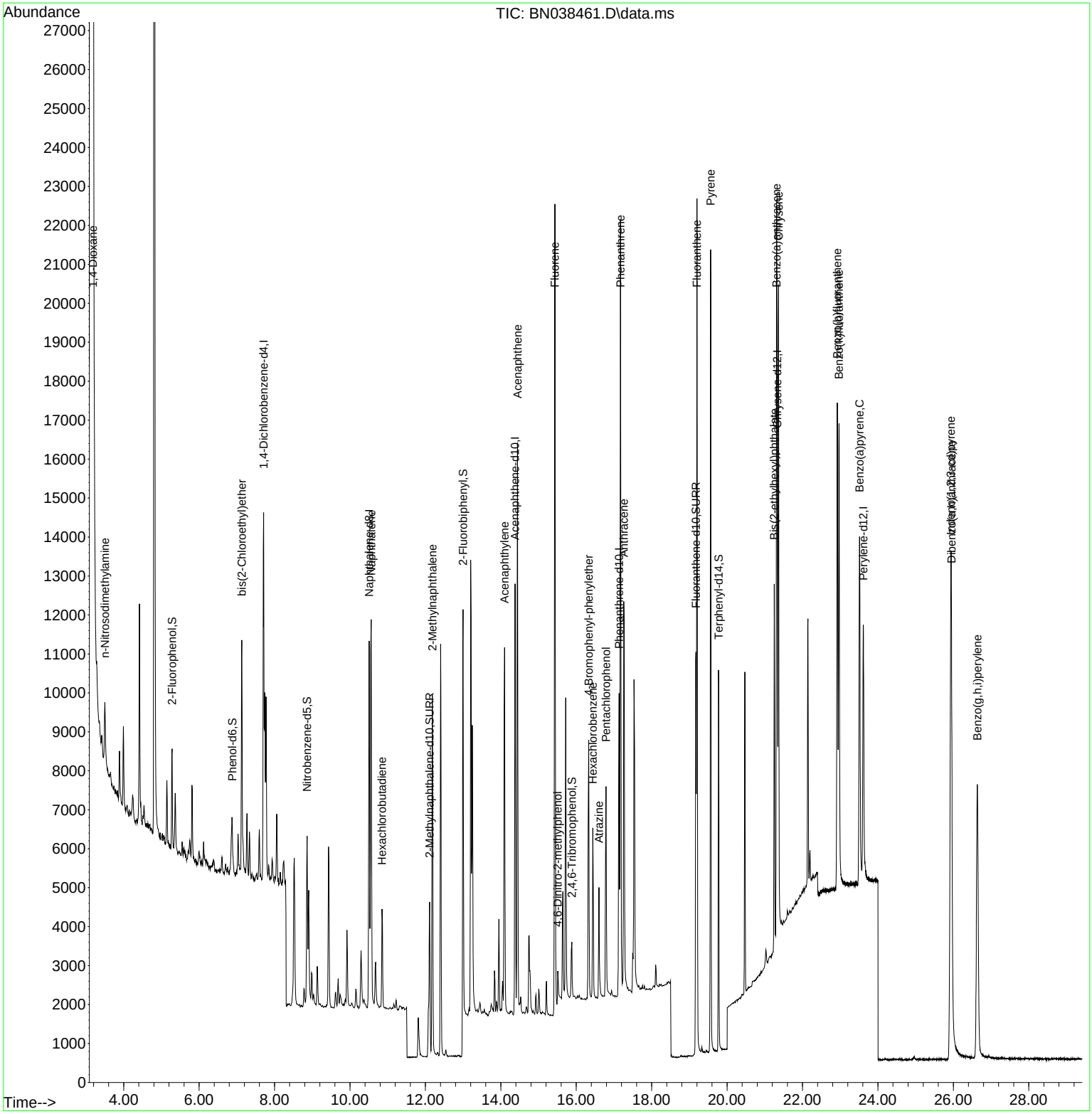
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4680	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12063	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6080	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	11000	0.400	ng	-0.01
29) Chrysene-d12	21.331	240	9287	0.400	ng	0.00
35) Perylene-d12	23.613	264	9197	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1788	0.153	ng	0.00
5) Phenol-d6	6.879	99	1305	0.094	ng	0.00
8) Nitrobenzene-d5	8.865	82	3805	0.374	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	7655	0.450	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	935	0.347	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	14089	0.481	ng	-0.01
27) Fluoranthene-d10	19.174	212	11236	0.413	ng	-0.01
31) Terphenyl-d14	19.778	244	9189	0.443	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	14266	2.659	ng	# 72
3) n-Nitrosodimethylamine	3.499	42	1167	0.173	ng	# 84
6) bis(2-Chloroethyl)ether	7.132	93	4493	0.331	ng	97
9) Naphthalene	10.562	128	13202	0.370	ng	99
10) Hexachlorobutadiene	10.851	225	2070	0.327	ng	# 100
12) 2-Methylnaphthalene	12.187	142	7156	0.316	ng	99
16) Acenaphthylene	14.099	152	11200	0.375	ng	100
17) Acenaphthene	14.441	154	7144	0.343	ng	98
18) Fluorene	15.435	166	9536	0.356	ng	99
20) 4,6-Dinitro-2-methylph...	15.510	198	473	0.261	ng	# 56
21) 4-Bromophenyl-phenylether	16.329	248	2743	0.336	ng	99
22) Hexachlorobenzene	16.441	284	3403	0.347	ng	99
23) Atrazine	16.602	200	2089	0.375	ng	98
24) Pentachlorophenol	16.789	266	2671	0.698	ng	98
25) Phenanthrene	17.173	178	20086	0.525	ng	100
26) Anthracene	17.260	178	13080	0.396	ng	100
28) Fluoranthene	19.201	202	19114	0.470	ng	98
30) Pyrene	19.564	202	18442	0.403	ng	99
32) Benzo(a)anthracene	21.313	228	14182	0.395	ng	98
33) Chrysene	21.366	228	15437	0.391	ng	98
34) Bis(2-ethylhexyl)phtha...	21.250	149	6980	0.355	ng	99
36) Indeno(1,2,3-cd)pyrene	25.931	276	17835	0.365	ng	99
37) Benzo(b)fluoranthene	22.923	252	15734	0.372	ng	100
38) Benzo(k)fluoranthene	22.967	252	15618	0.371	ng	100
39) Benzo(a)pyrene	23.513	252	13686	0.396	ng	98
40) Dibenzo(a,h)anthracene	25.949	278	13463	0.358	ng	99
41) Benzo(g,h,i)perylene	26.636	276	15425	0.367	ng	99

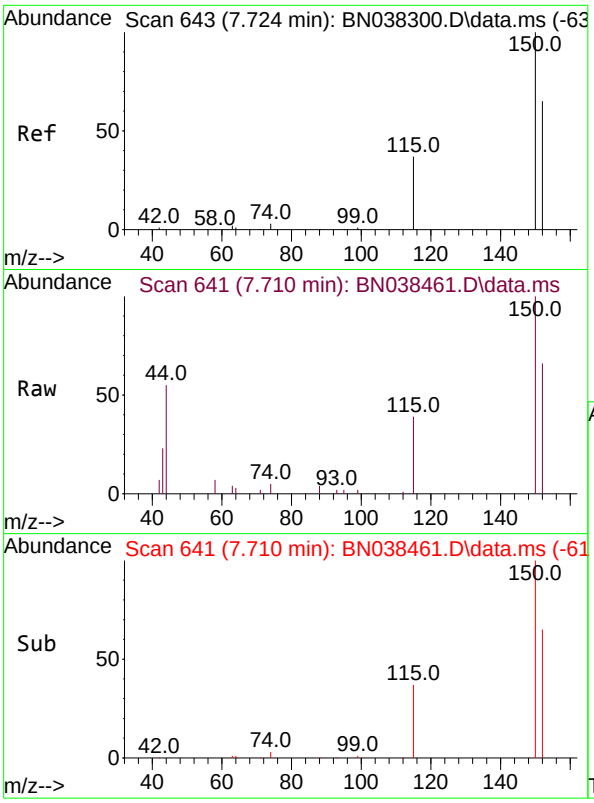
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038461.D
Acq On : 17 Dec 2025 03:12
Operator : RC/JU
Sample : Q3863-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Quant Time: Dec 17 06:42:58 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



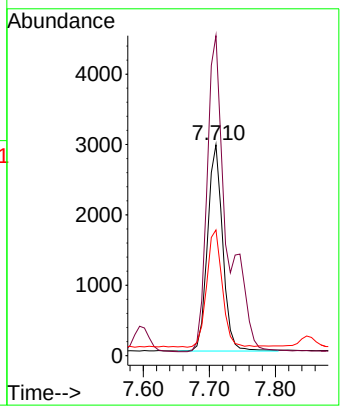


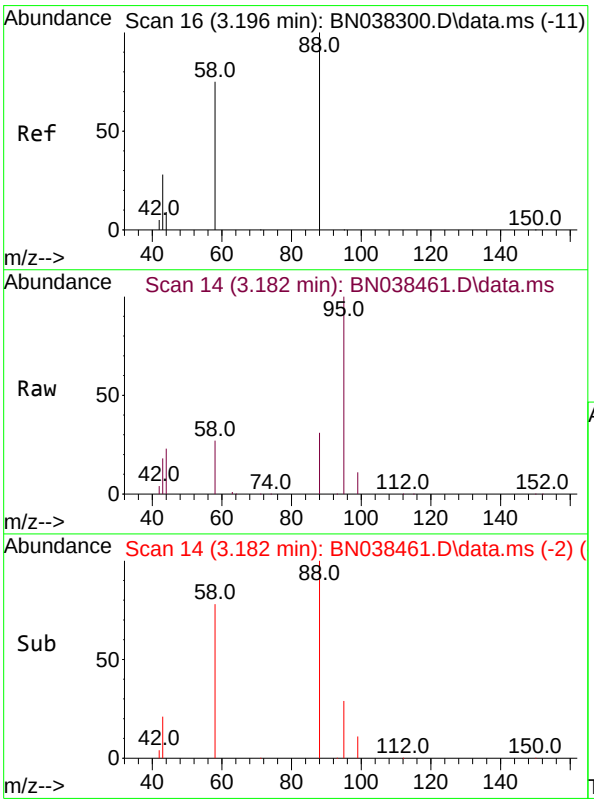
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:152 Resp: 4680

Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.4	183.6
115	59.6	47.3	70.9

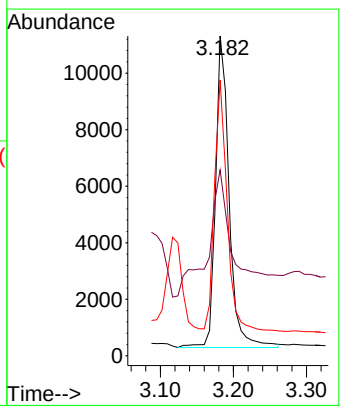


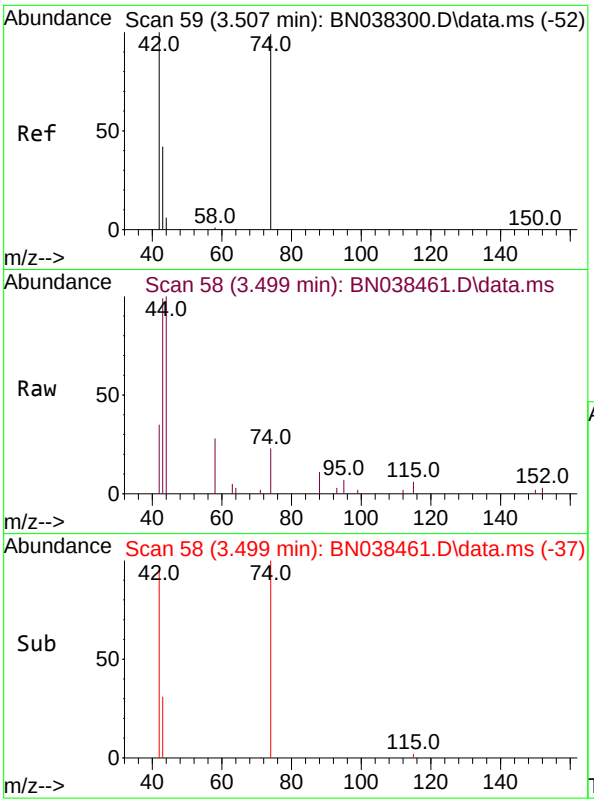


#2
1,4-Dioxane
Concen: 2.659 ng
RT: 3.182 min Scan# 14
Delta R.T. -0.014 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion: 88 Resp: 14266

Ion	Ratio	Lower	Upper
88	100		
43	81.2	24.9	37.3#
58	74.6	61.4	92.0



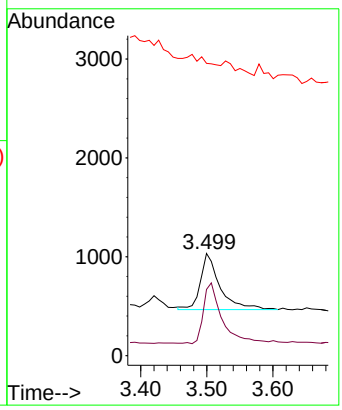


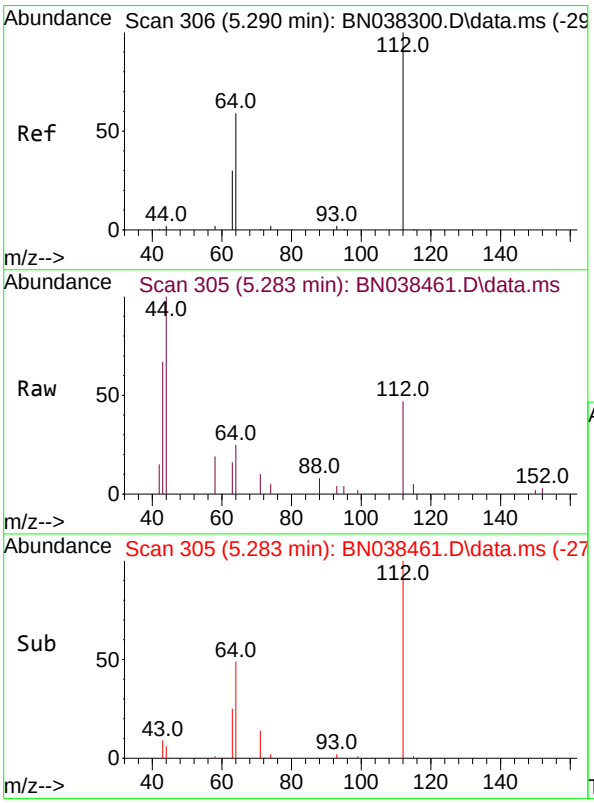
#3
n-Nitrosodimethylamine
Concen: 0.173 ng
RT: 3.499 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion: 42 Resp: 1167

Ion	Ratio	Lower	Upper
42	100		
74	102.7	95.3	142.9
44	0.0	7.9	11.9#

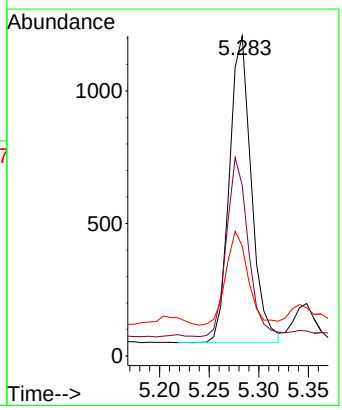


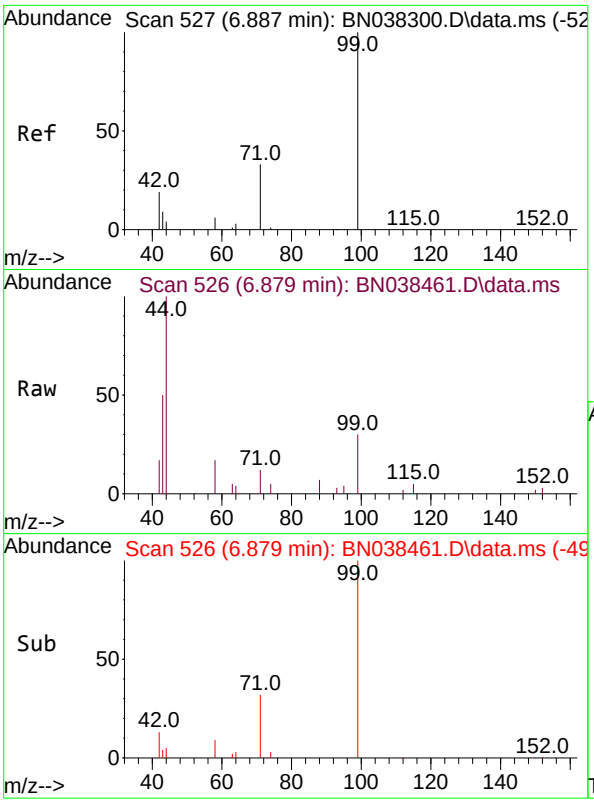


#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:112 Resp: 1788

Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.4	66.6
63	31.1	23.4	35.0



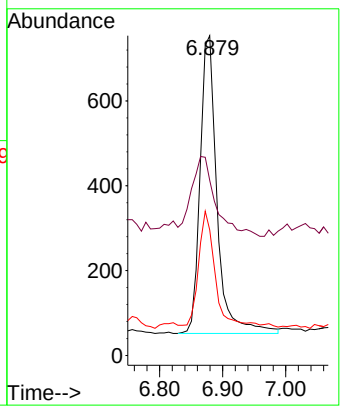


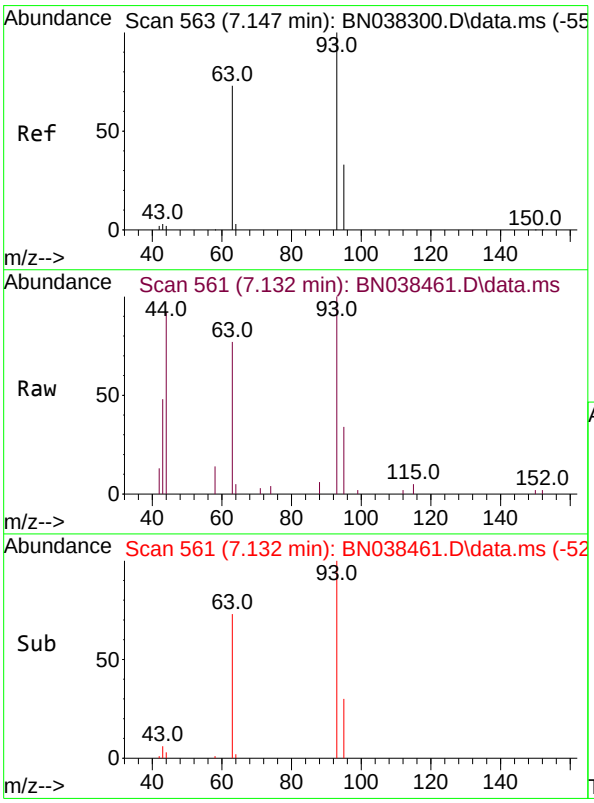
#5
Phenol-d6
Concen: 0.094 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion: 99 Resp: 1305

Ion	Ratio	Lower	Upper
99	100		
42	42.8	16.5	24.7#
71	39.1	24.9	37.3#

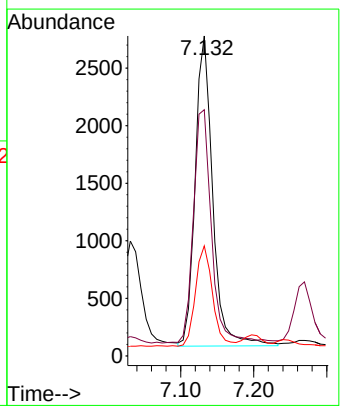


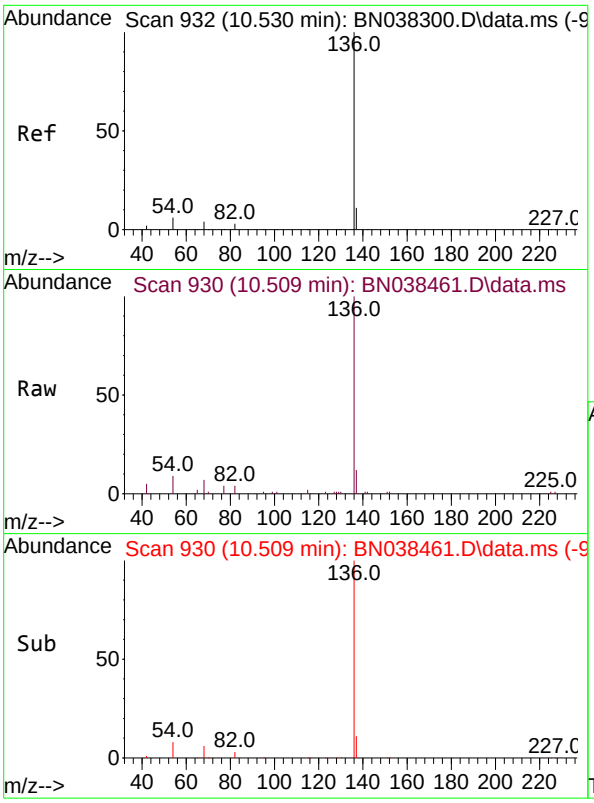


#6
bis(2-Chloroethyl)ether
Concen: 0.331 ng
RT: 7.132 min Scan# 561
Delta R.T. -0.014 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion: 93 Resp: 4493

Ion	Ratio	Lower	Upper
93	100		
63	77.8	59.2	88.8
95	31.5	25.2	37.8



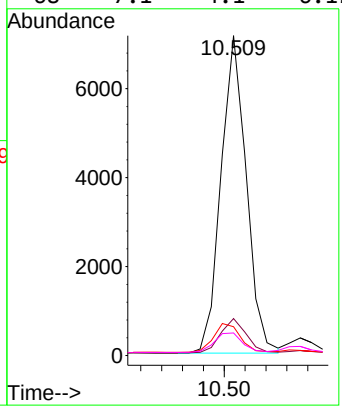


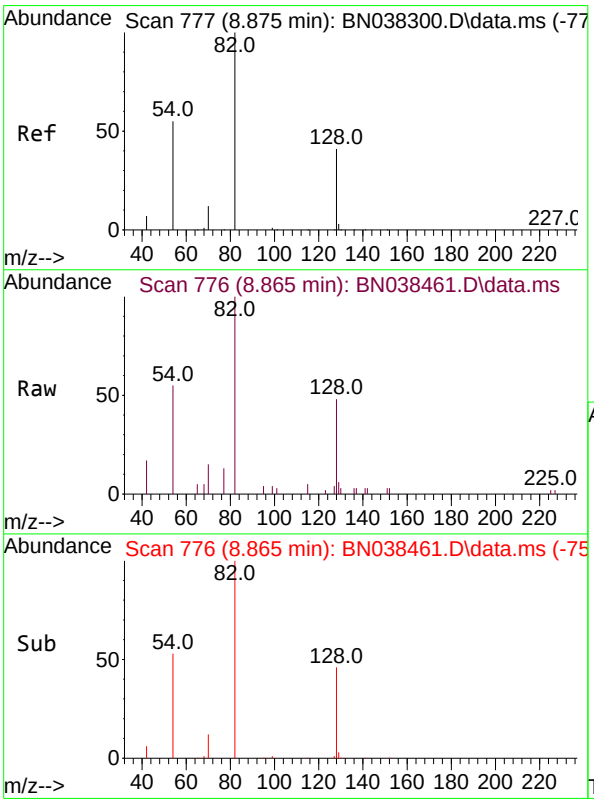
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:136 Resp: 12063

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.0	5.2	7.8#
68	7.1	4.1	6.1#

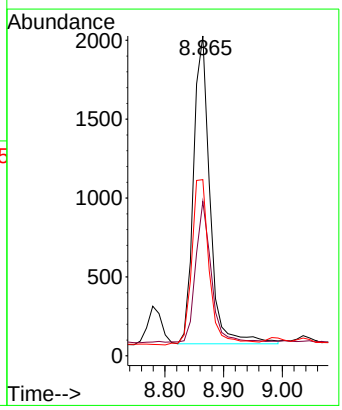


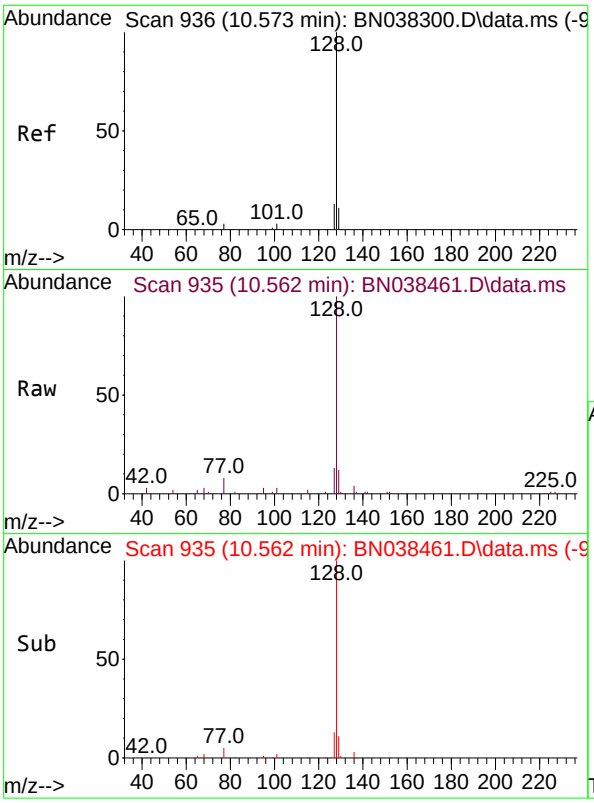


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion: 82 Resp: 3805

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	55.1	44.4	66.6



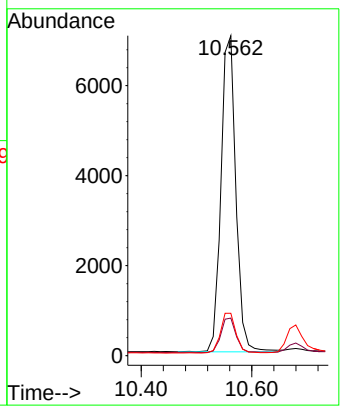


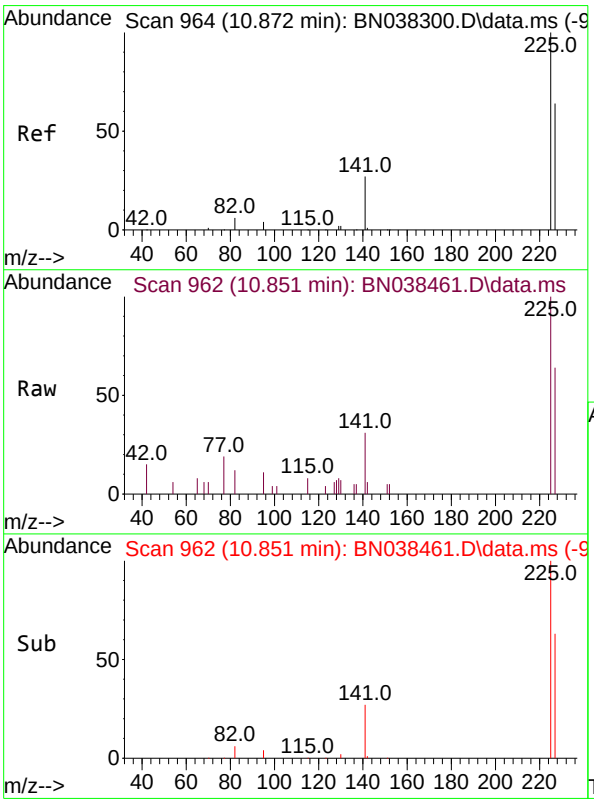
#9
Naphthalene
Concen: 0.370 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:128 Resp: 13202

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.2	10.9	16.3

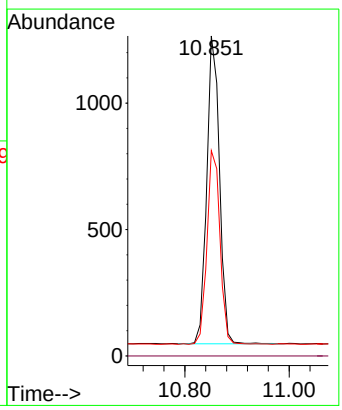


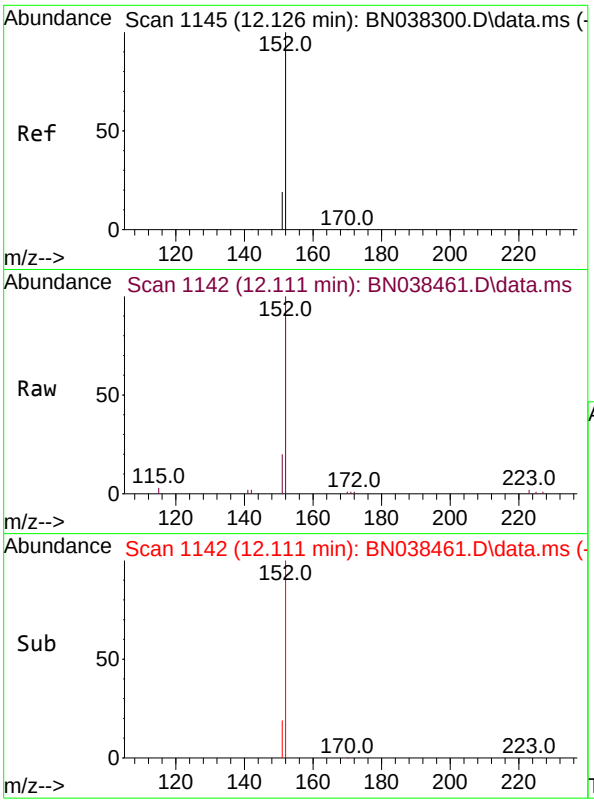


#10
Hexachlorobutadiene
Concen: 0.327 ng
RT: 10.851 min Scan# 962
Delta R.T. -0.021 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:225 Resp: 2070

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.2	76.8



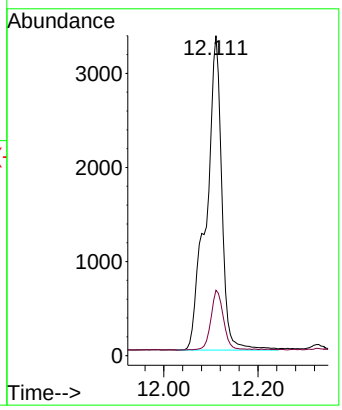


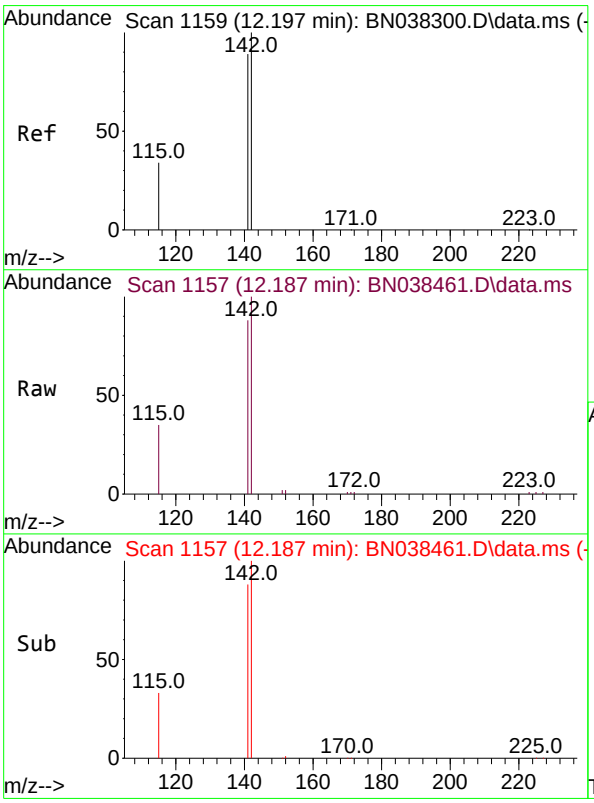
#11
2-Methylnaphthalene-d10
Concen: 0.450 ng
RT: 12.111 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:152 Resp: 7655

Ion	Ratio	Lower	Upper
152	100		
151	15.6	17.0	25.6#

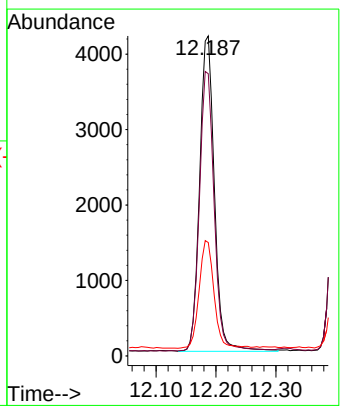


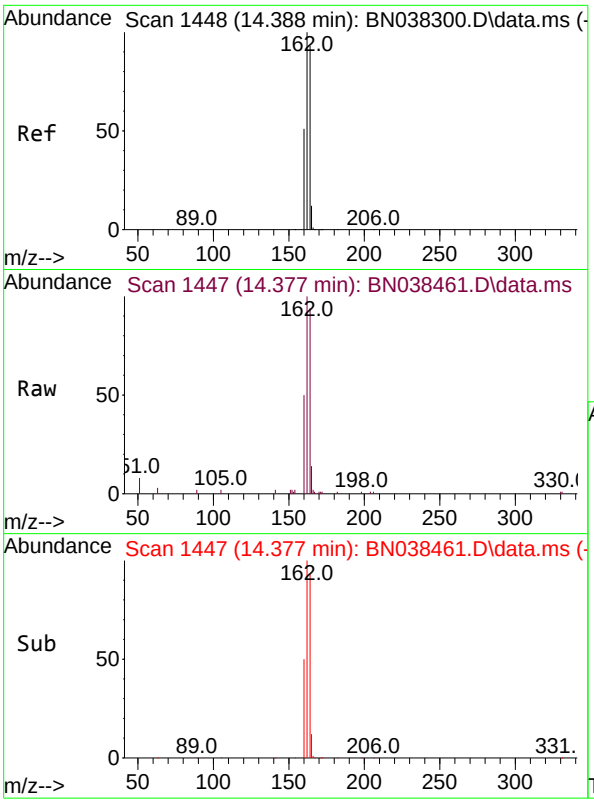


#12
2-Methylnaphthalene
Concen: 0.316 ng
RT: 12.187 min Scan# 1157
Delta R.T. -0.015 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:142 Resp: 7156

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	35.5	28.4	42.6



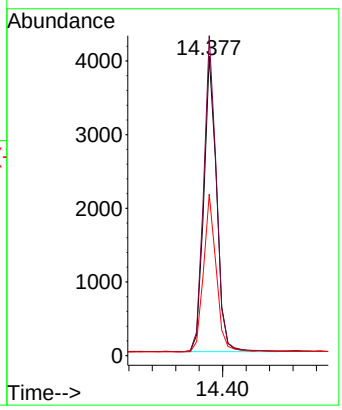


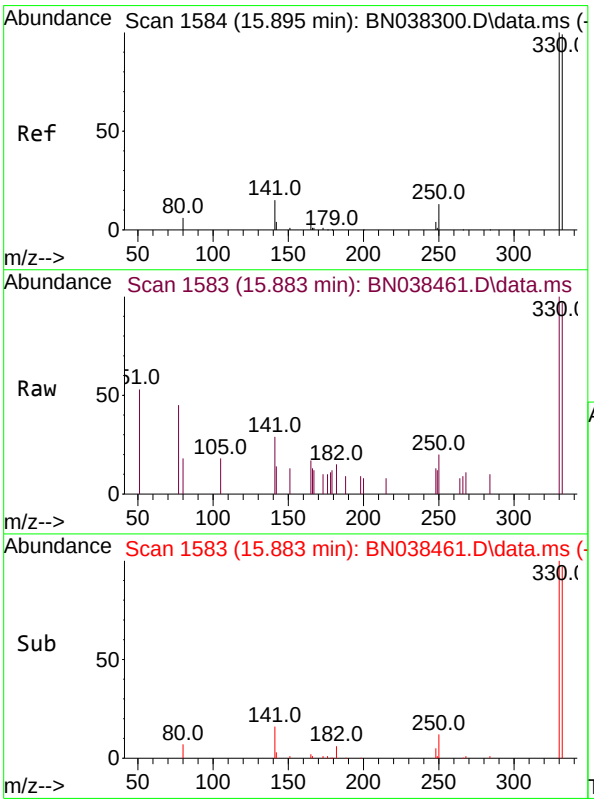
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:164 Resp: 6080

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.2	129.4
160	53.9	44.6	67.0

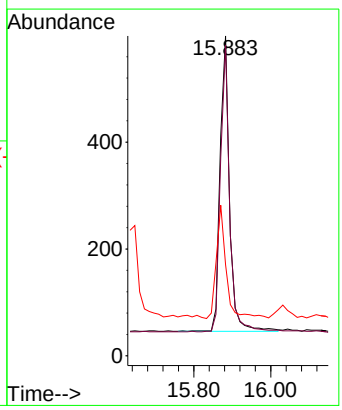


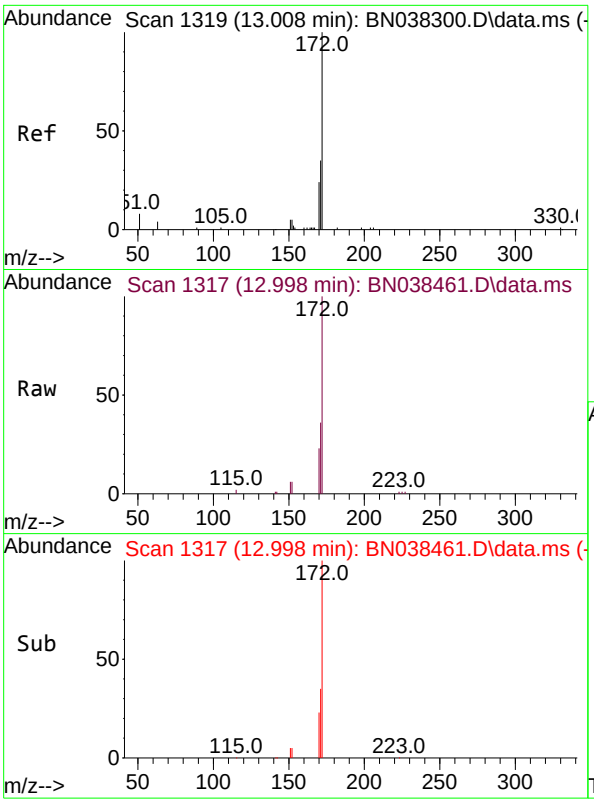


#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:330 Resp: 935

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.8	113.6
141	40.0	31.8	47.8



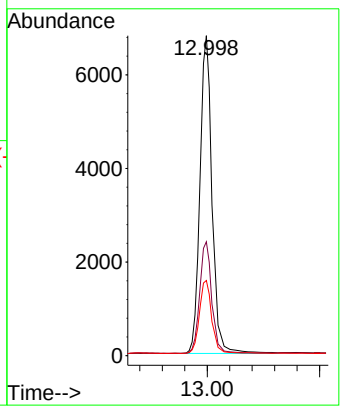


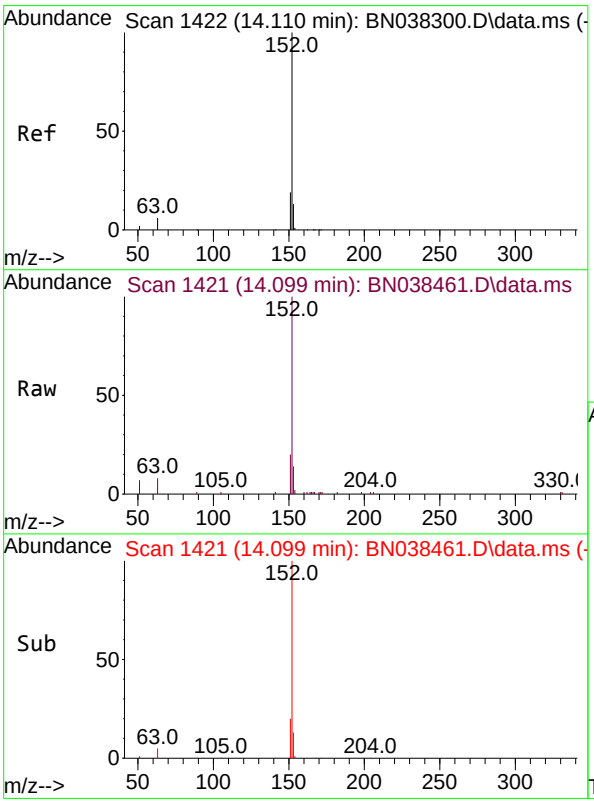
#15
2-Fluorobiphenyl
Concen: 0.481 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:172 Resp: 14089

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.5	19.3	28.9

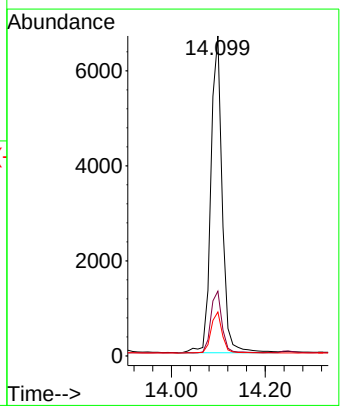


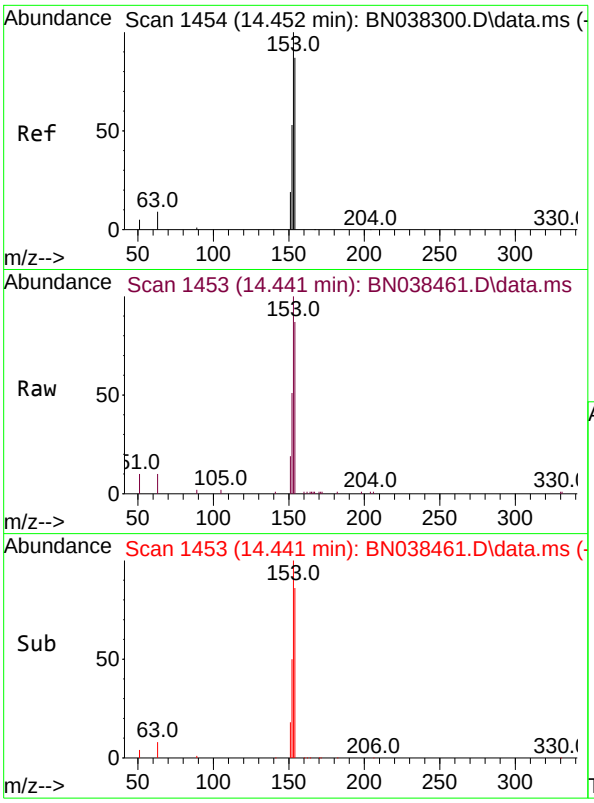


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:152 Resp: 11200

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.9	10.2	15.4



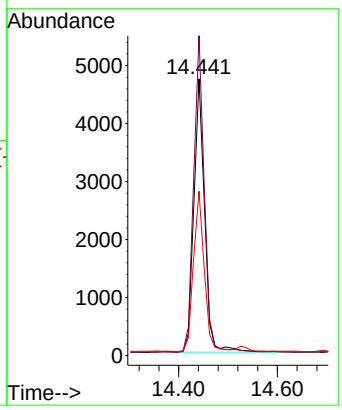


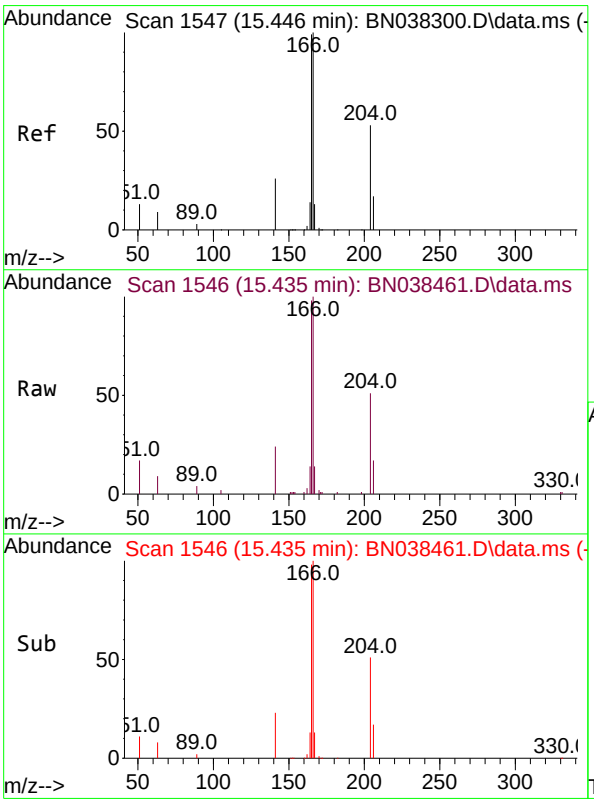
#17
Acenaphthene
Concen: 0.343 ng
RT: 14.441 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:154 Resp: 7144

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.8	134.8
152	58.6	47.5	71.3

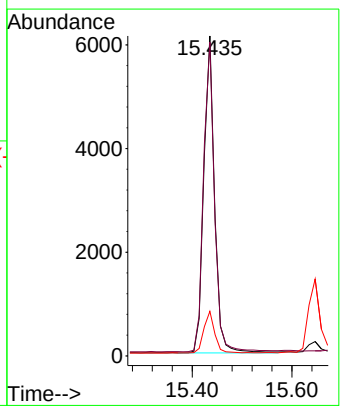


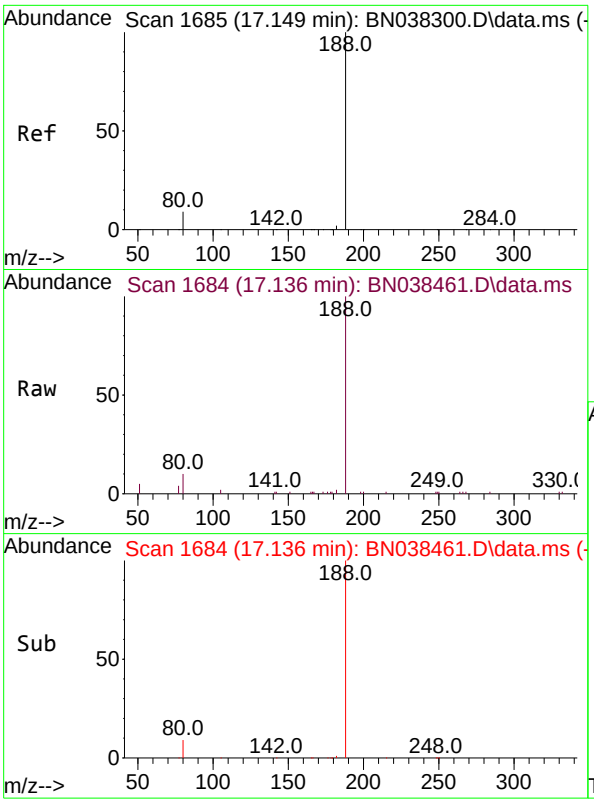


#18
Fluorene
Concen: 0.356 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:166 Resp: 9536

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.2	120.4
167	13.0	10.6	16.0



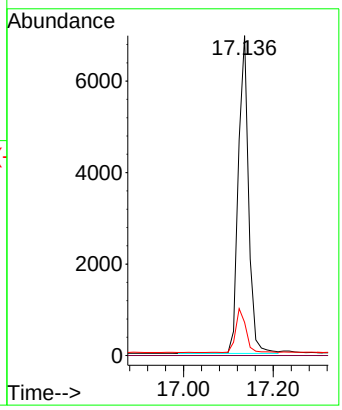


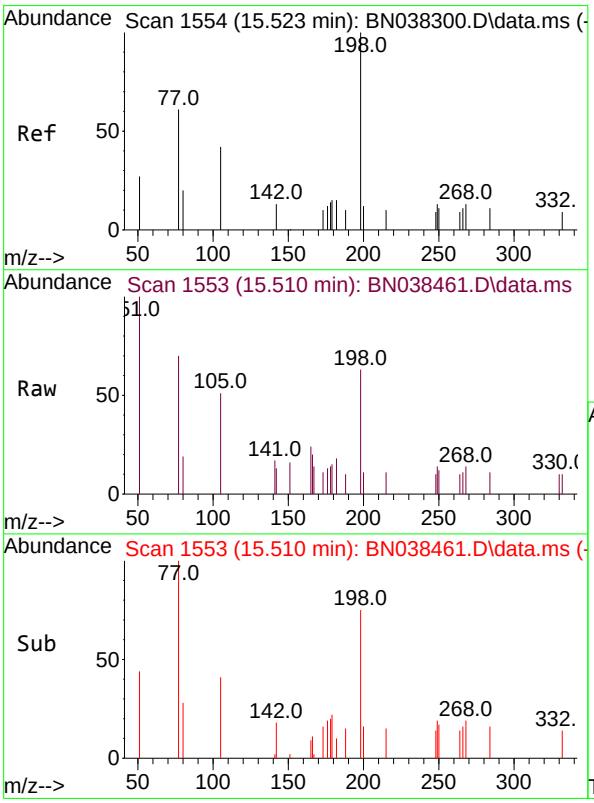
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:188 Resp: 11000

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.4	11.0

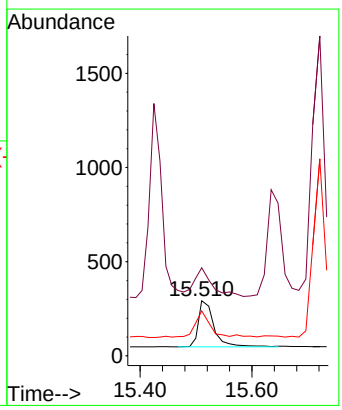


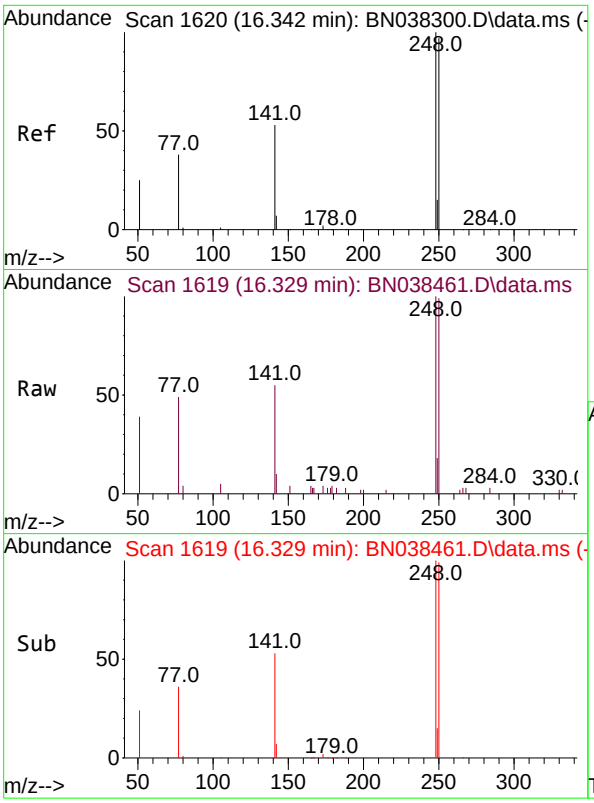


#20
4,6-Dinitro-2-methylphenol
Concen: 0.261 ng
RT: 15.510 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:198 Resp: 473

Ion	Ratio	Lower	Upper
198	100		
51	159.7	86.3	129.5#
105	81.6	45.3	67.9#



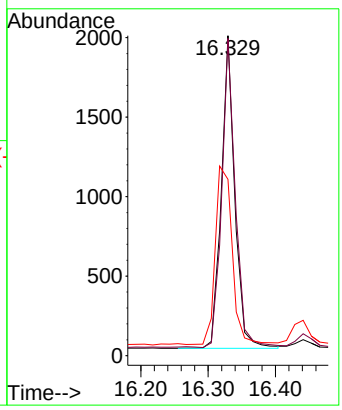


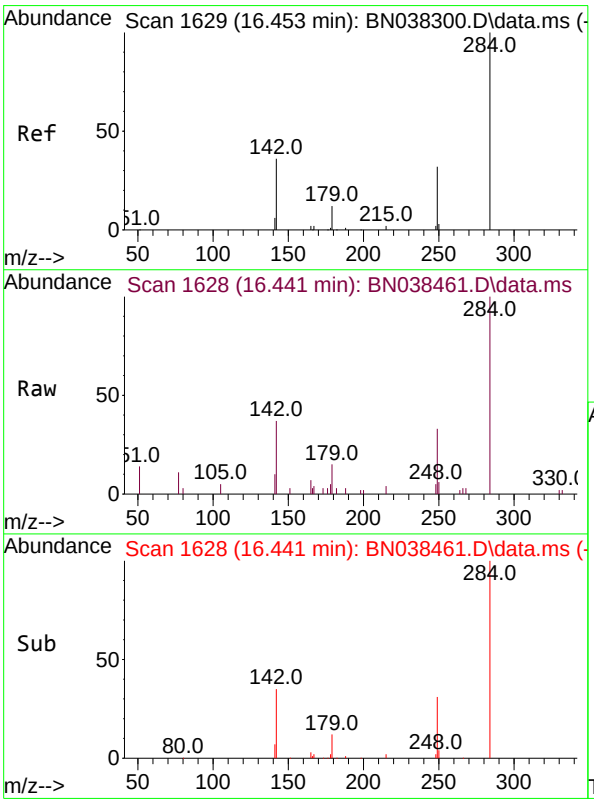
#21
4-Bromophenyl-phenylether
Concen: 0.336 ng
RT: 16.329 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:248 Resp: 2743

Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.2	117.2
141	55.1	43.7	65.5

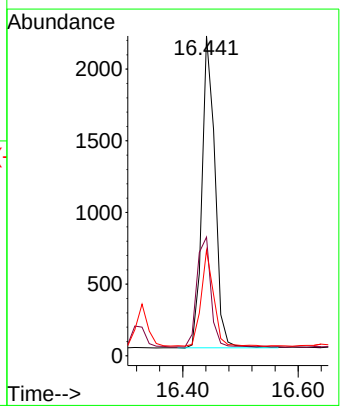


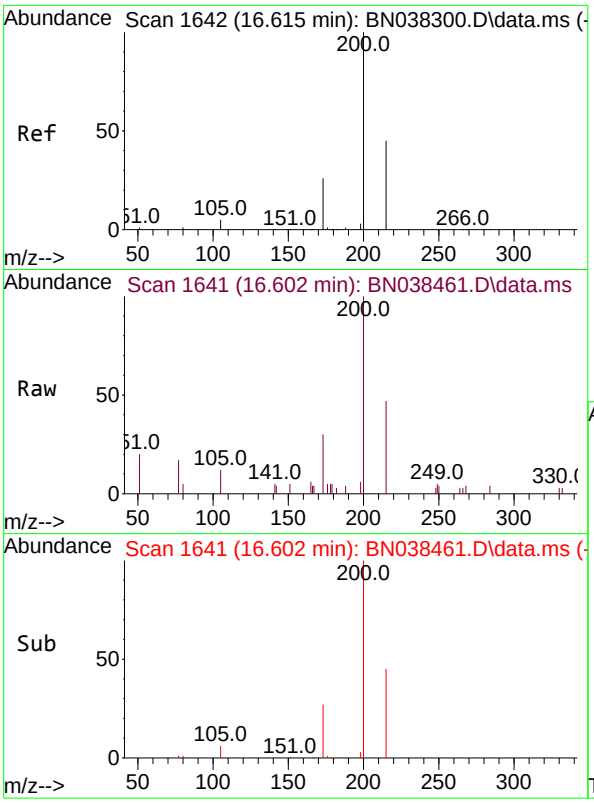


#22
Hexachlorobenzene
Concen: 0.347 ng
RT: 16.441 min Scan# 1628
Delta R.T. -0.025 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:284 Resp: 3403

Ion	Ratio	Lower	Upper
284	100		
142	38.0	29.5	44.3
249	30.0	23.7	35.5



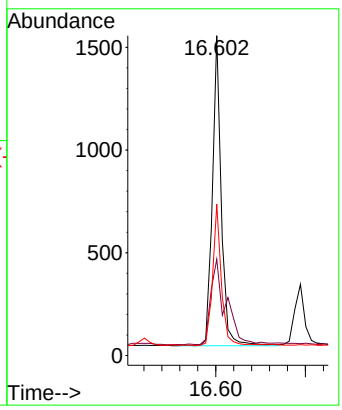


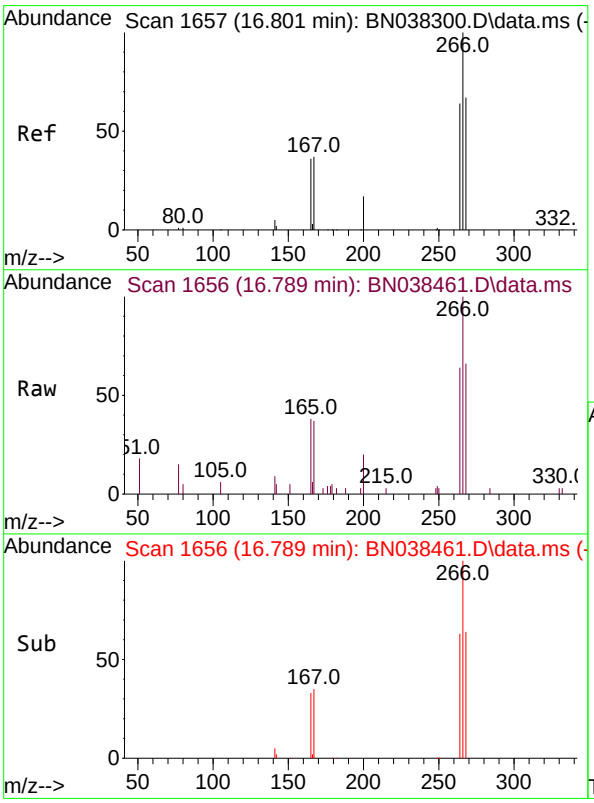
#23
Atrazine
Concen: 0.375 ng
RT: 16.602 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:200 Resp: 2089

Ion	Ratio	Lower	Upper
200	100		
173	30.1	22.1	33.1
215	47.3	37.4	56.2

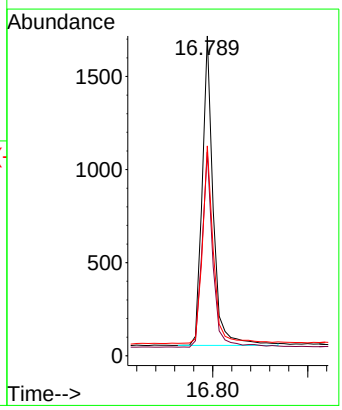


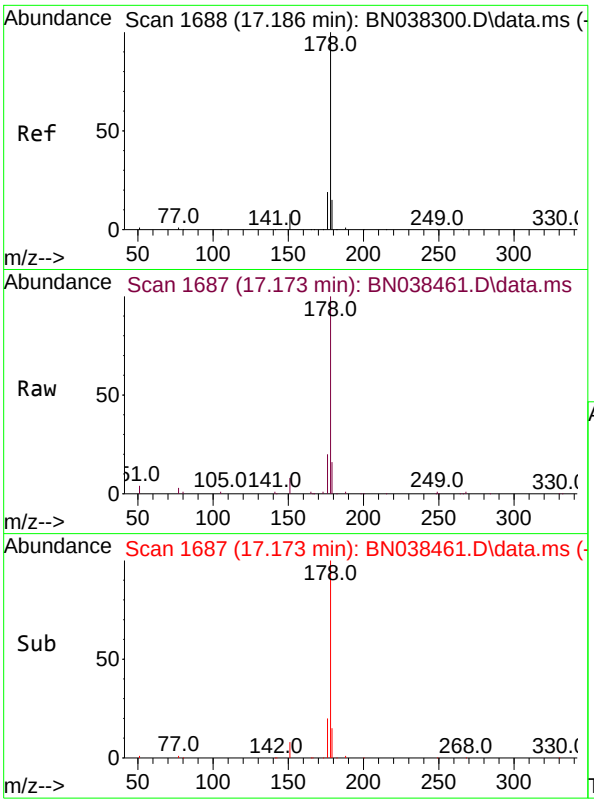


#24
Pentachlorophenol
Concen: 0.698 ng
RT: 16.789 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:266 Resp: 2671

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.2	75.2
268	63.4	52.6	78.8



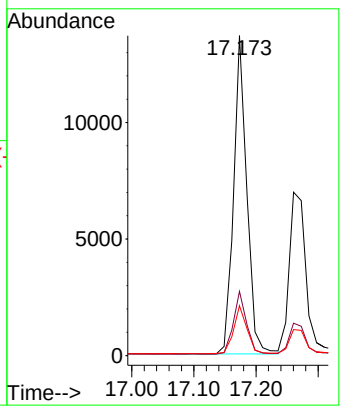


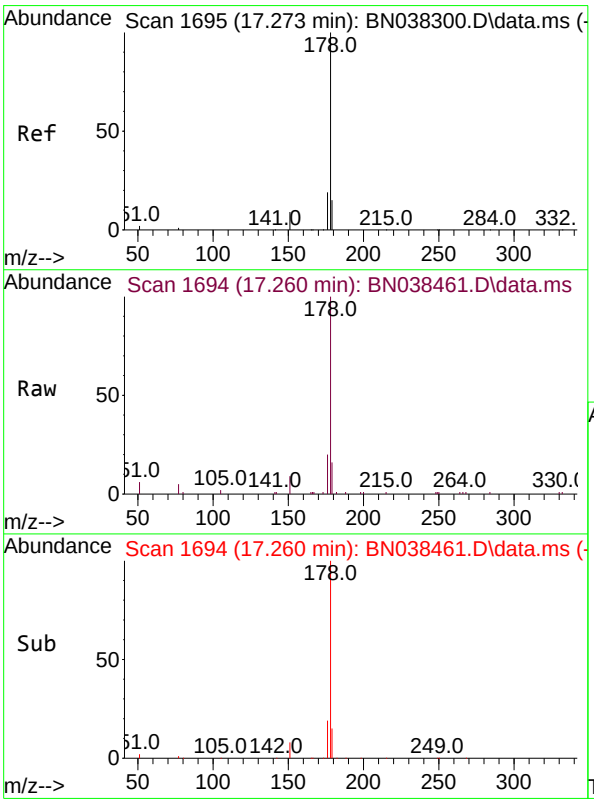
#25
Phenanthrene
Concen: 0.525 ng
RT: 17.173 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:178 Resp: 20086

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.2	12.2	18.2

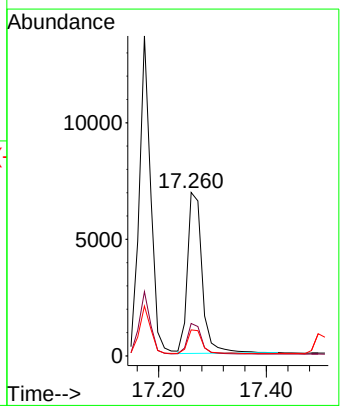


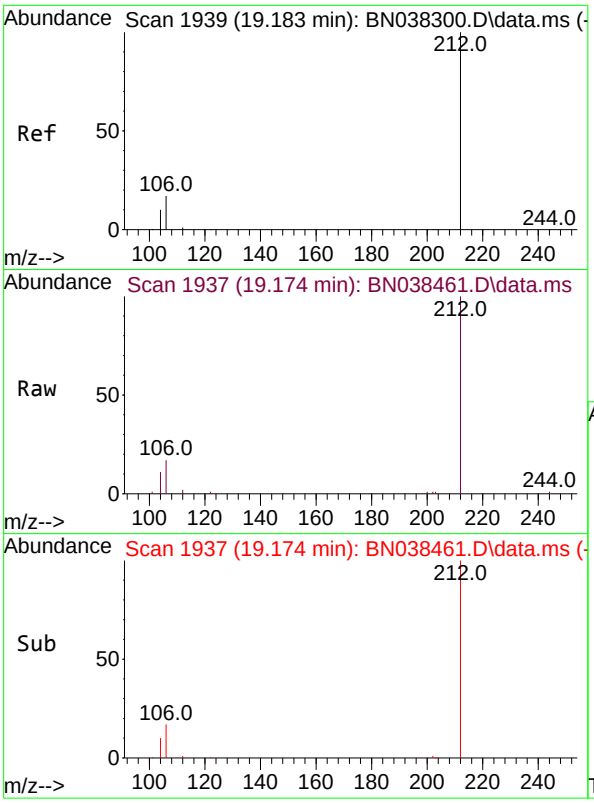


#26
Anthracene
Concen: 0.396 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.025 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:178 Resp: 13080

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.0	18.0



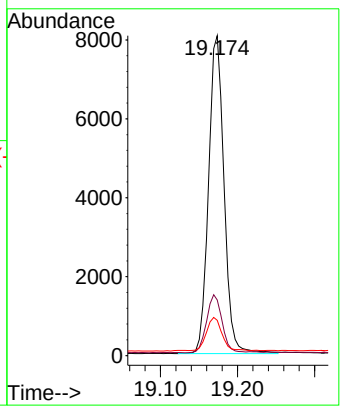


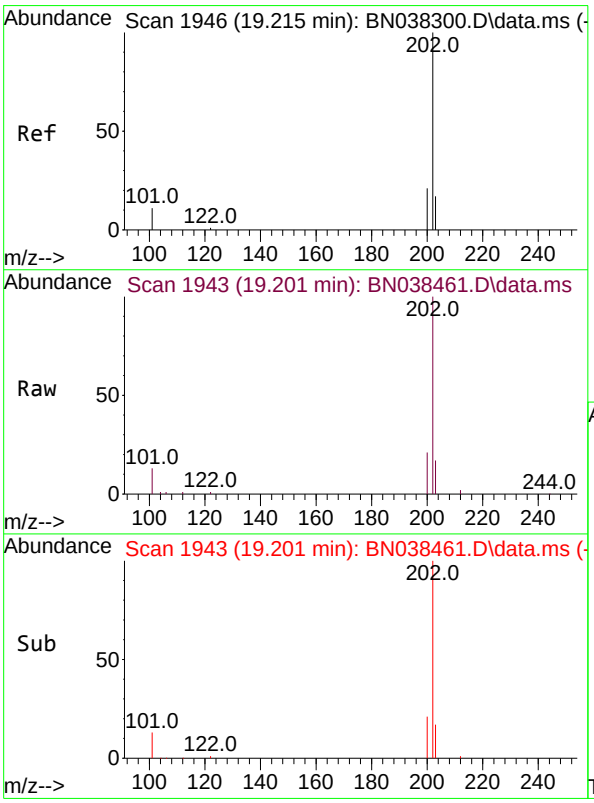
#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.174 min Scan# 19
Delta R.T. -0.014 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:212 Resp: 11236

Ion	Ratio	Lower	Upper
212	100		
106	18.4	13.7	20.5
104	10.4	7.8	11.8

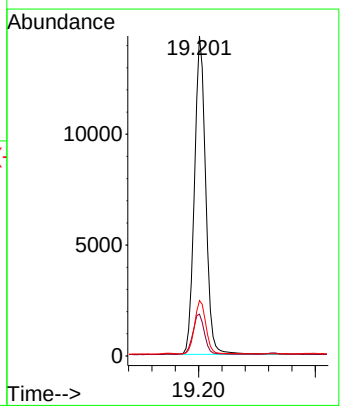


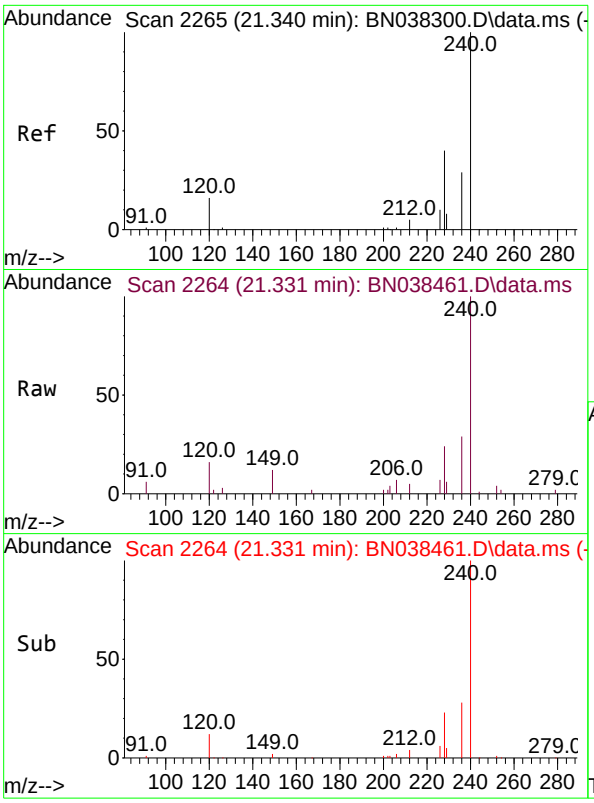


#28
Fluoranthene
Concen: 0.470 ng
RT: 19.201 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:202 Resp: 19114

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.6	14.4
203	16.8	13.5	20.3



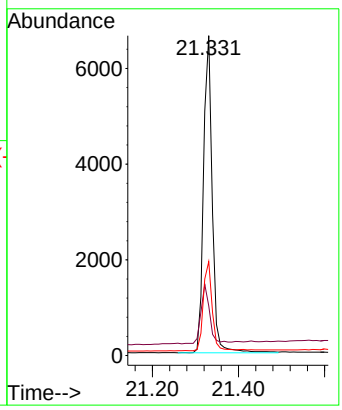


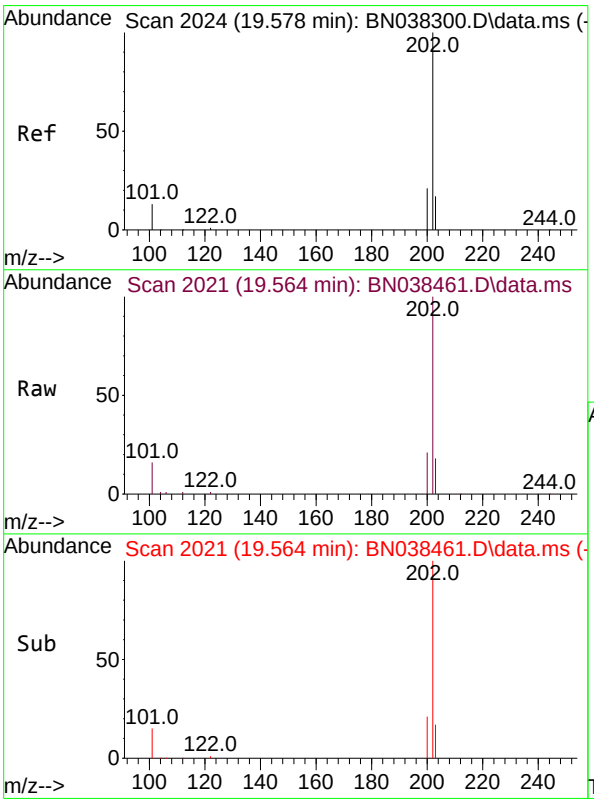
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:240 Resp: 9287

Ion	Ratio	Lower	Upper
240	100		
120	15.5	15.4	23.2
236	29.4	23.9	35.9

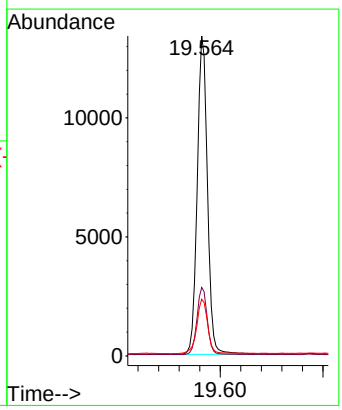


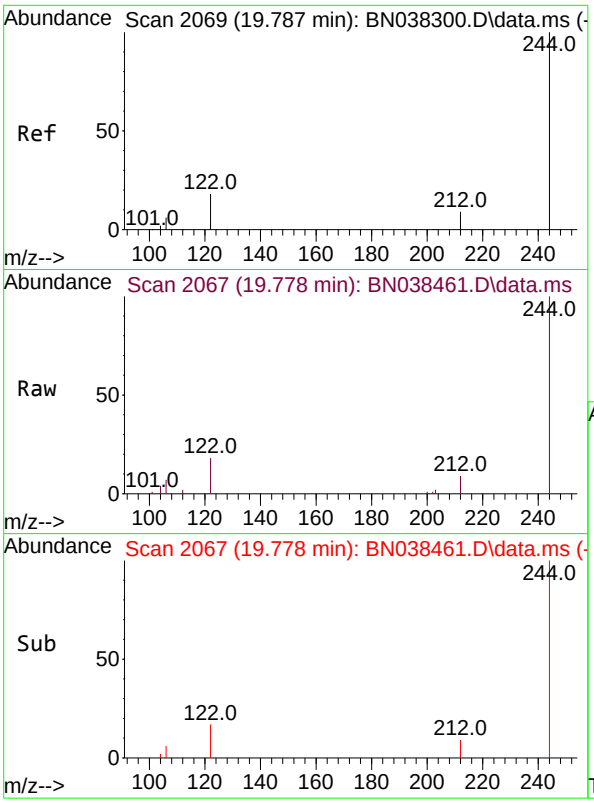


#30
Pyrene
Concen: 0.403 ng
RT: 19.564 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:202 Resp: 18442

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.2	14.2	21.2



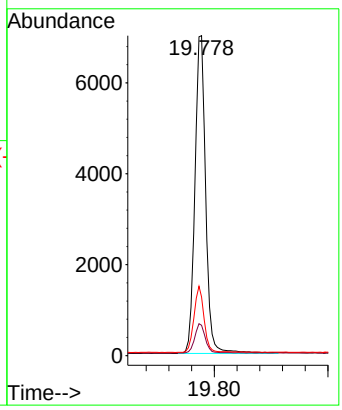


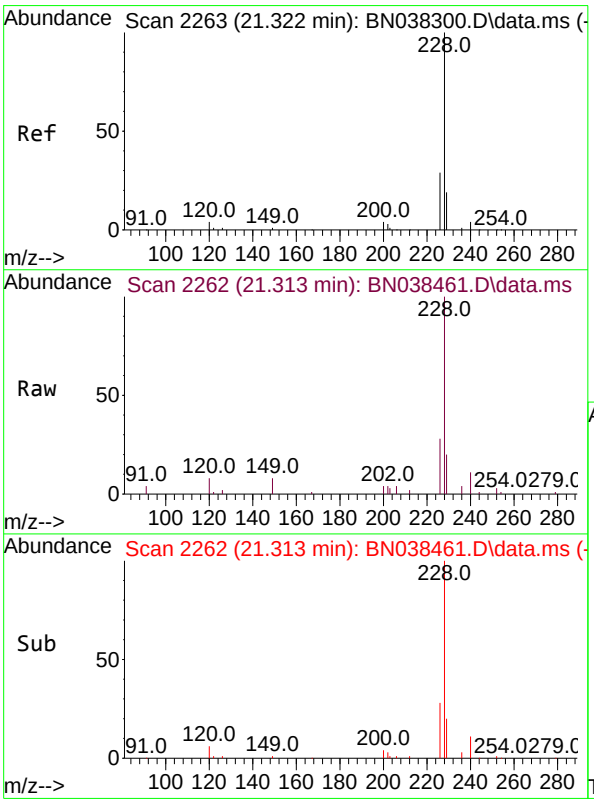
#31
Terphenyl-d14
Concen: 0.443 ng
RT: 19.778 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:244 Resp: 9189

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	18.4	15.0	22.6

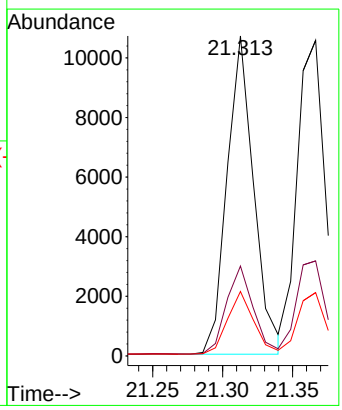


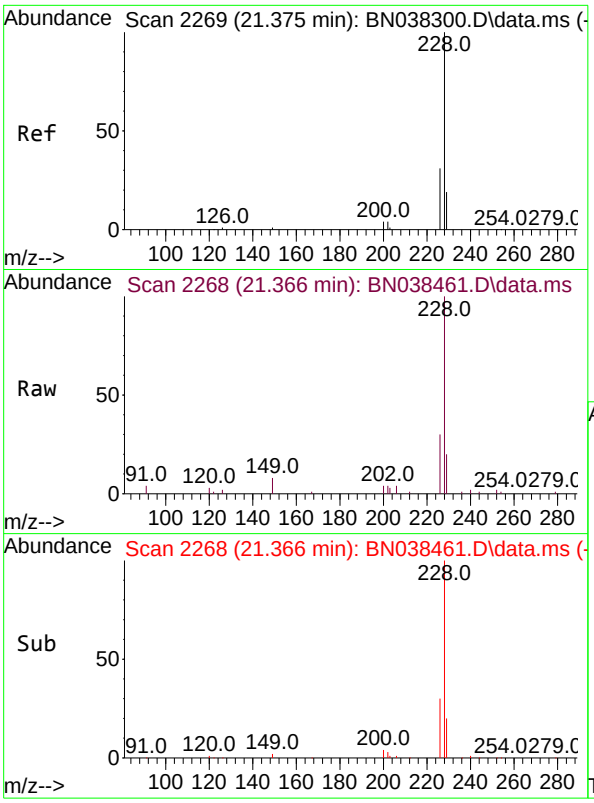


#32
Benzo(a)anthracene
Concen: 0.395 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.018 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:228 Resp: 14182

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.3	34.9
229	20.1	15.7	23.5



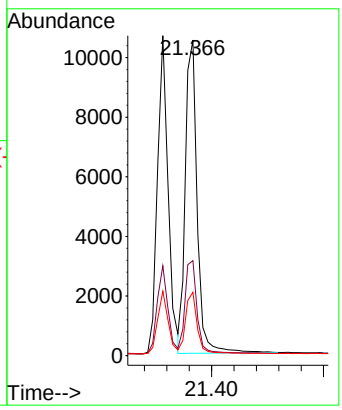


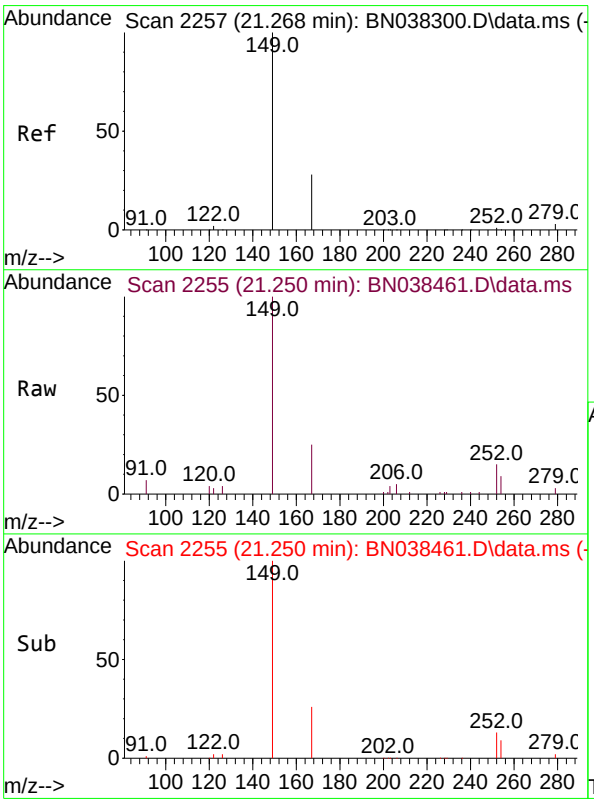
#33
Chrysene
Concen: 0.391 ng
RT: 21.366 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:228 Resp: 15437

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.4
229	20.0	15.5	23.3

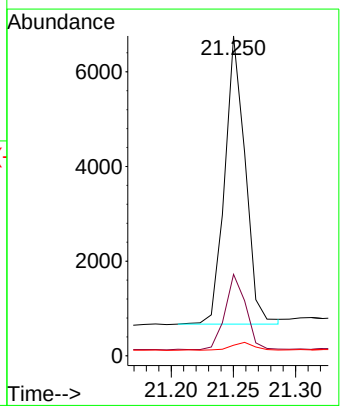


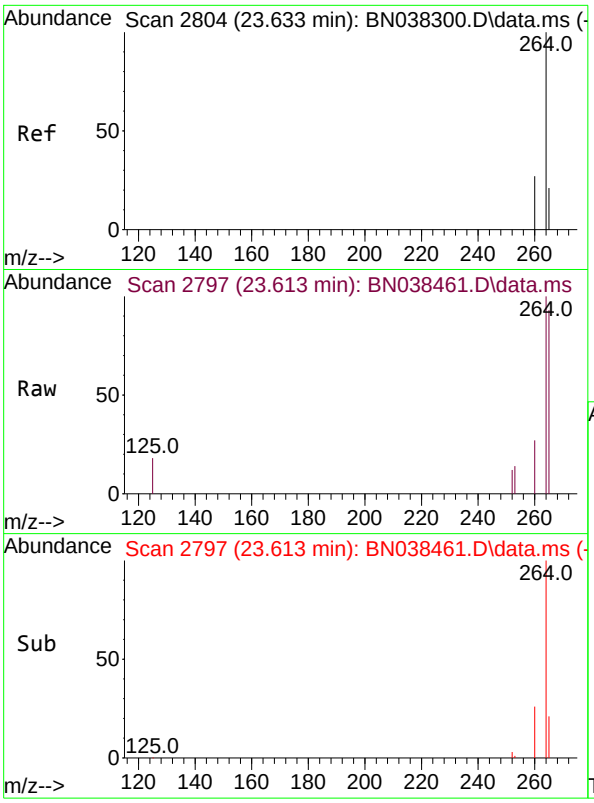


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.018 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:149 Resp: 6980

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.4	32.0
279	2.9	2.4	3.6



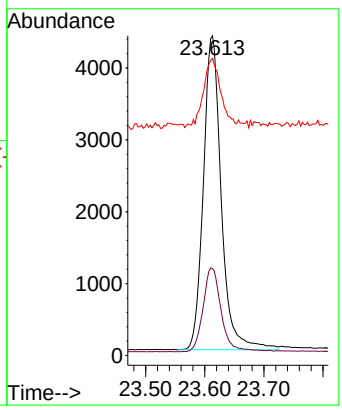


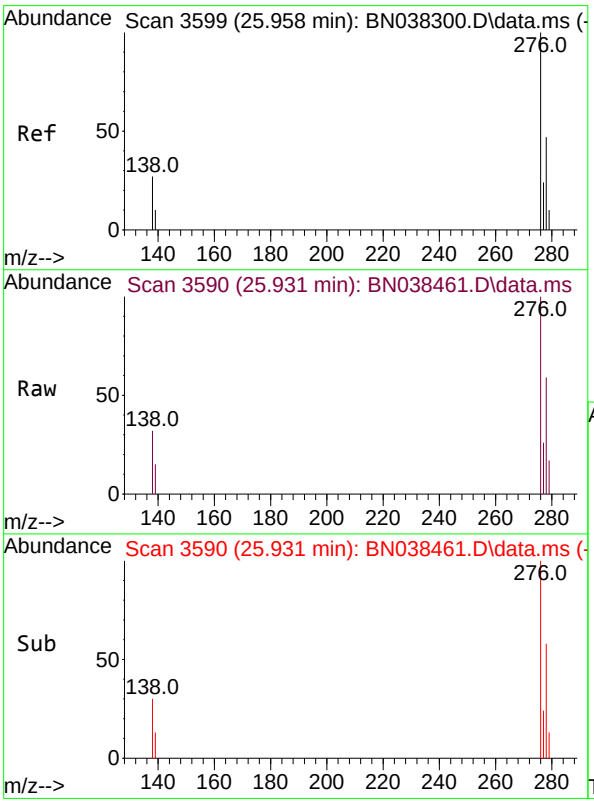
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.613 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:264 Resp: 9197

Ion	Ratio	Lower	Upper
264	100		
260	27.1	22.2	33.2
265	92.9	80.2	120.2

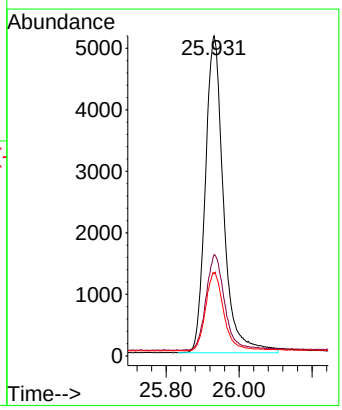


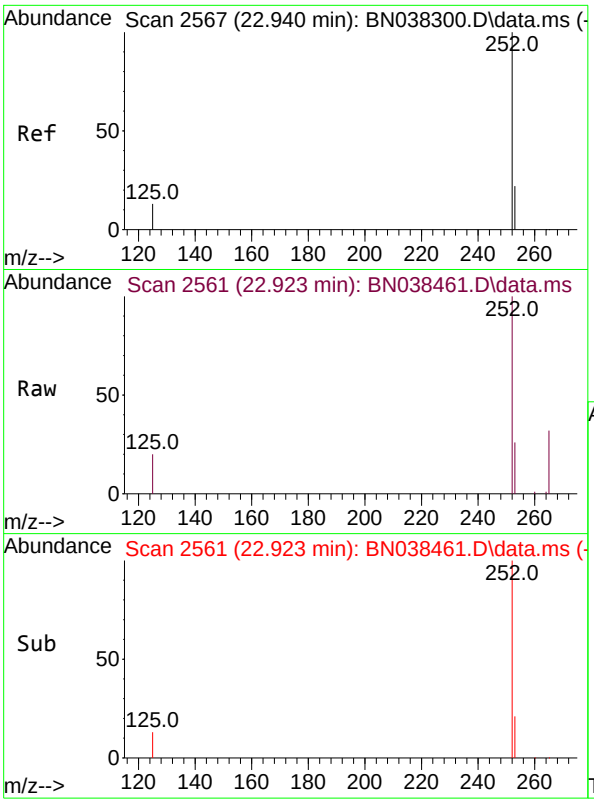


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 25.931 min Scan# 3590
Delta R.T. -0.032 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:276 Resp: 17835

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.6	35.4
277	24.4	19.7	29.5



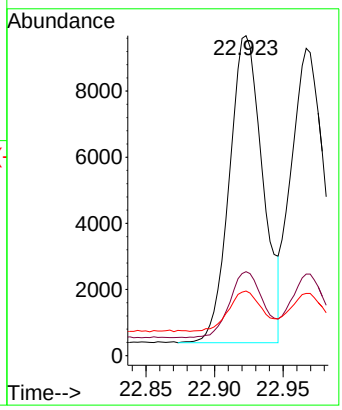


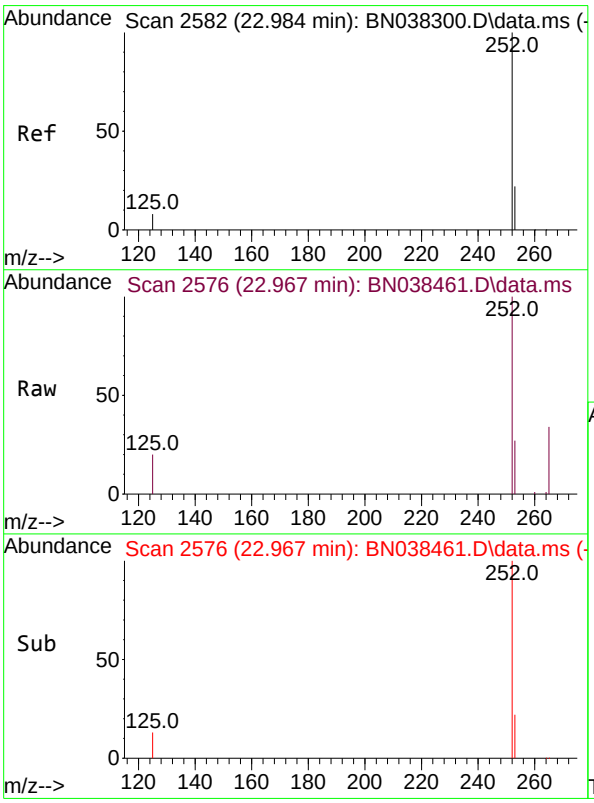
#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.923 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:252 Resp: 15734

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.1	31.7
125	20.2	16.4	24.6

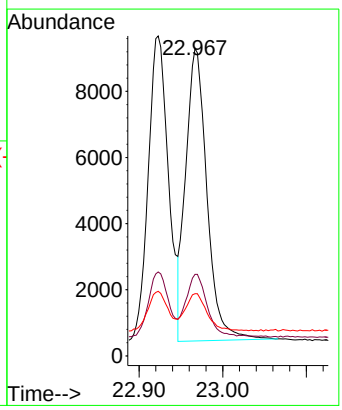


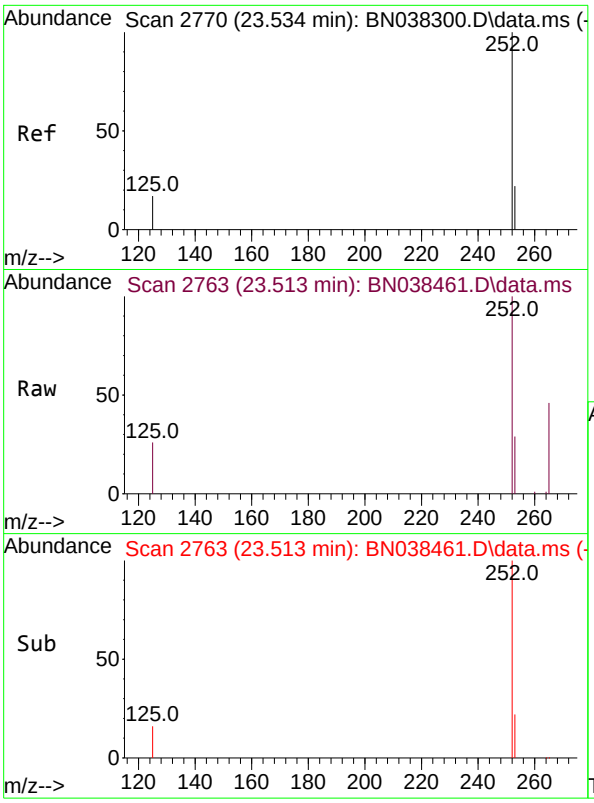


#38
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 22.967 min Scan# 2576
Delta R.T. -0.023 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:252 Resp: 15618

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.4	32.0
125	20.2	16.2	24.2



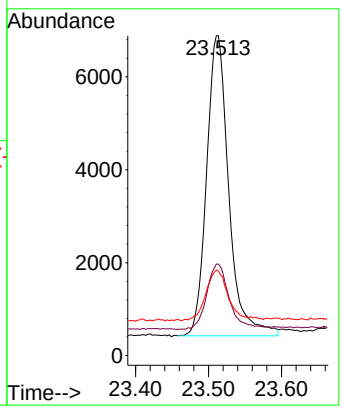


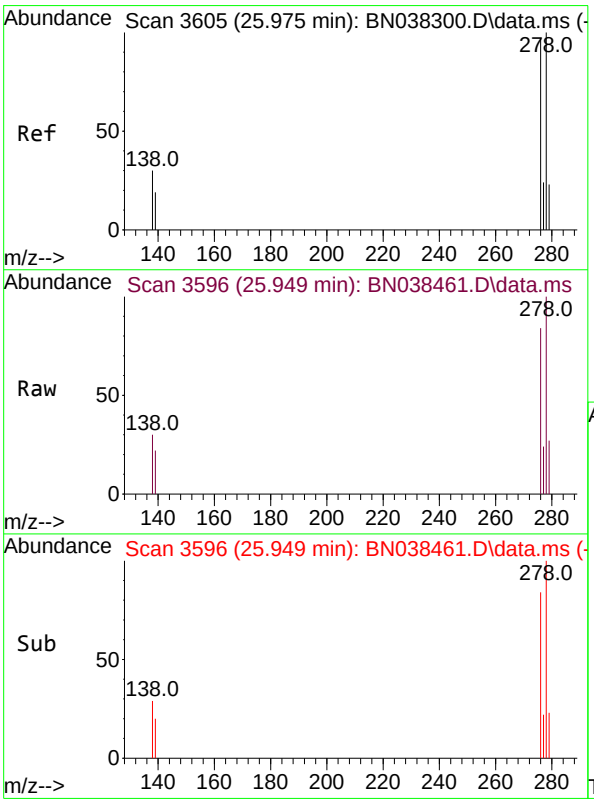
#39
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.513 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:252 Resp: 13686

Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.3	34.9
125	26.4	22.4	33.6

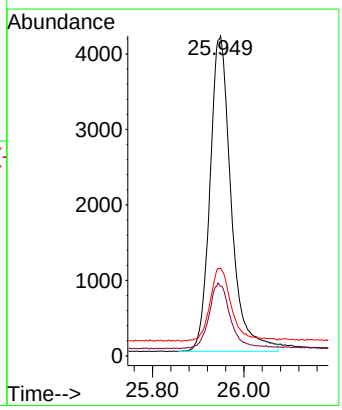


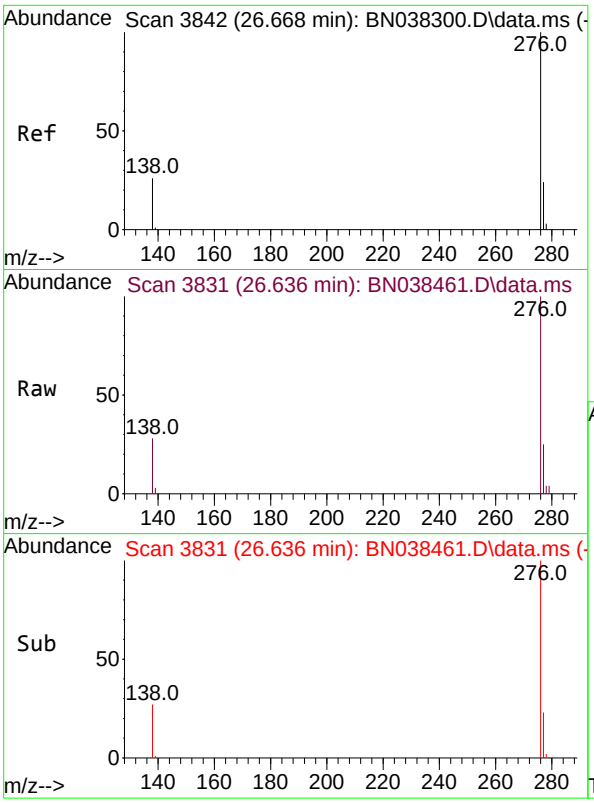


#40
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 25.949 min Scan# 3596
Delta R.T. -0.032 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Tgt Ion:278 Resp: 13463

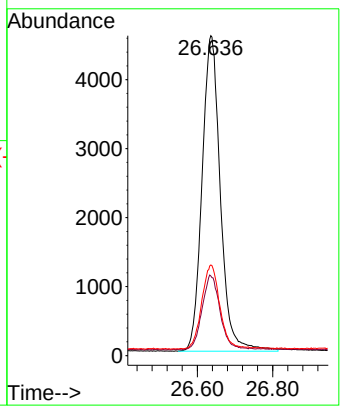
Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.8	26.8
279	27.4	21.3	31.9





#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 26.636 min Scan# 3
Delta R.T. -0.041 min
Lab File: BN038461.D
Acq: 17 Dec 2025 03:12

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225-MSD

Tgt Ion:276 Resp: 15425

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.0	30.0
138	28.3	21.8	32.6