Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038315.D
Acq On : 11 Dec 2025 13:38
Operator : RC/JU
Sample : Q3757-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Quant Time: Dec 11 14:01:37 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	7.724	152	5204	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	14267	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7400	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	13201	0.400	ng	# 0.00
29) Chrysene-d12	21.348	240	10541	0.400	ng	# 0.00
35) Perylene-d12	23.639	264	10399	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2204	0.170	ng	0.00
5) Phenol-d6	6.894	99	1618	0.105	ng	0.00
8) Nitrobenzene-d5	8.875	82	4325	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6402	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1125	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	11927	0.335	ng	0.00
27) Fluoranthene-d10	19.187	212	13868	0.425	ng	0.00
31) Terphenyl-d14	19.791	244	10707	0.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	515	0.086	ng	# 75
3) n-Nitrosodimethylamine	3.463	42	217	0.029	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.268	149	3011	0.135	ng	99
37) Benzo(b)fluoranthene	22.952	252	1248	0.026	ng	# 1
41) Benzo(g,h,i)perylene	26.680	276	1178	0.025	ng	# 61

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

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Quant Time: Dec 11 14:01:37 2025
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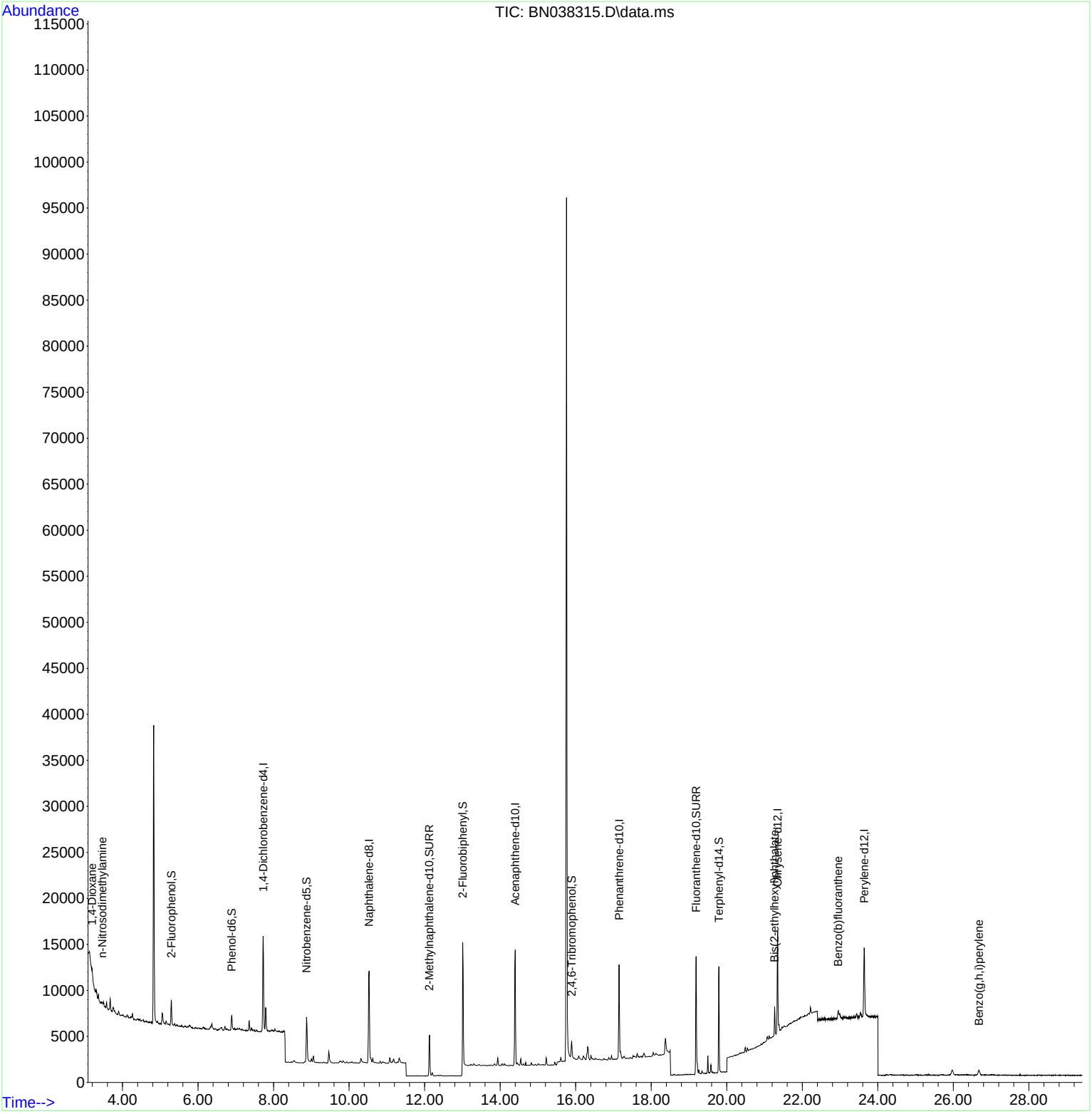
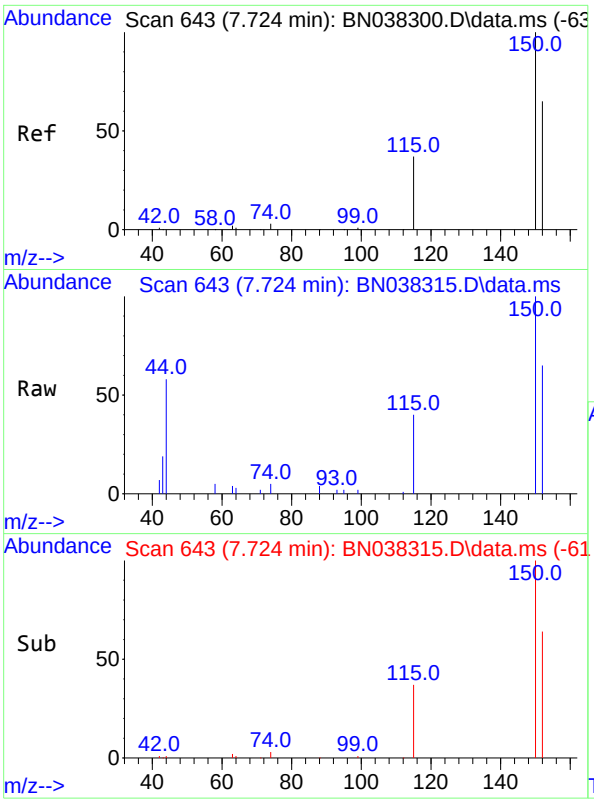


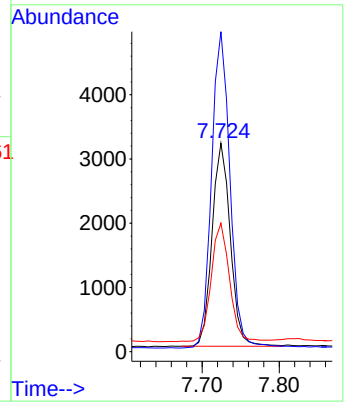


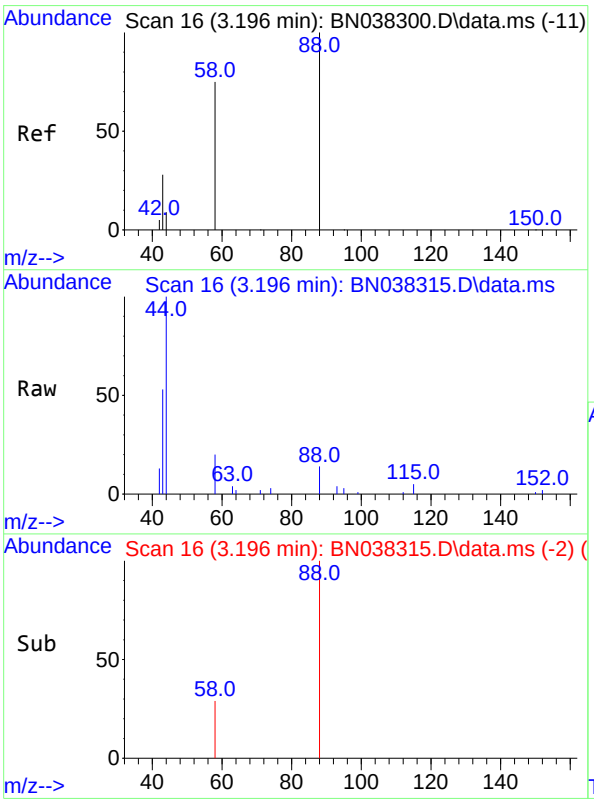
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion:152 Resp: 5204

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.4	183.6
115	61.6	47.3	70.9

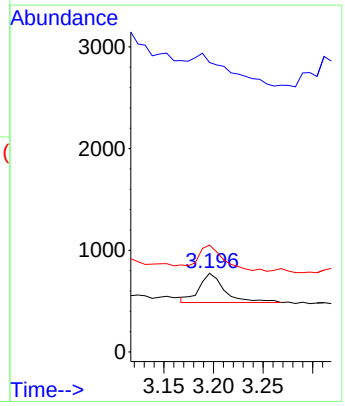


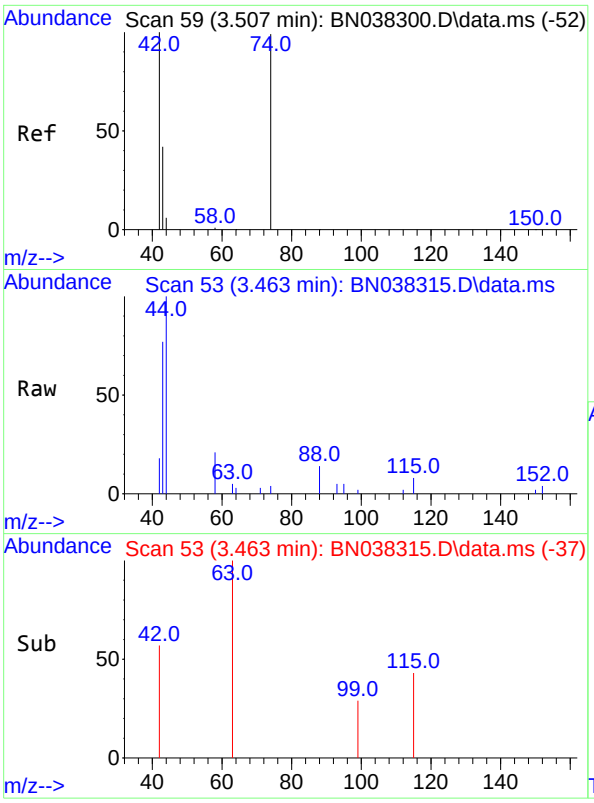


#2
1,4-Dioxane
Concen: 0.086 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion: 88 Resp: 515

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.9	37.3#
58	87.6	61.4	92.0



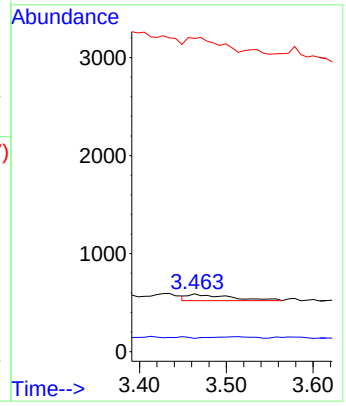


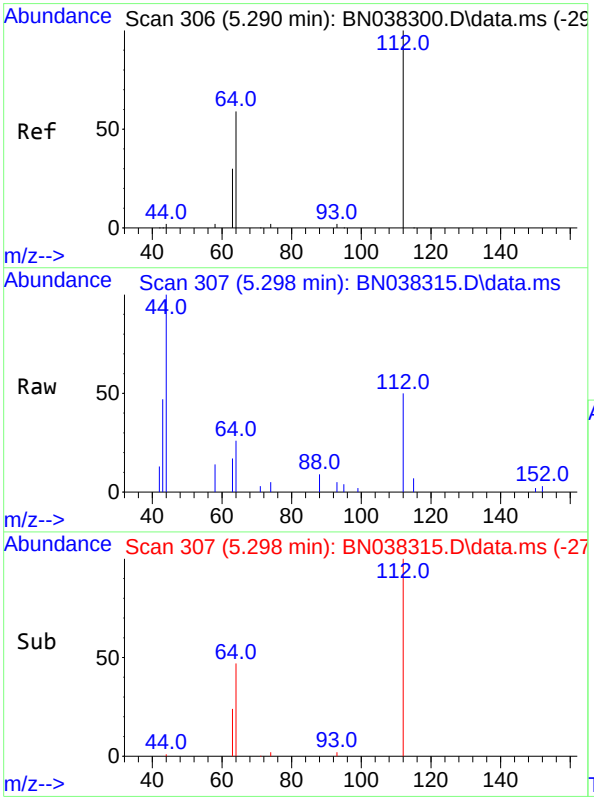
#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.463 min Scan# 5
Delta R.T. -0.036 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion: 42 Resp: 217

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

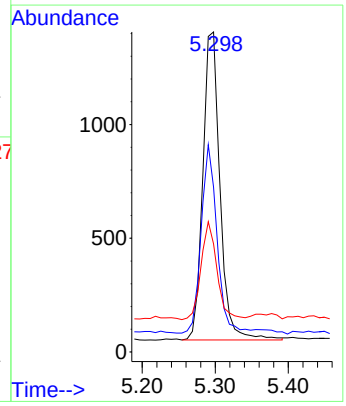


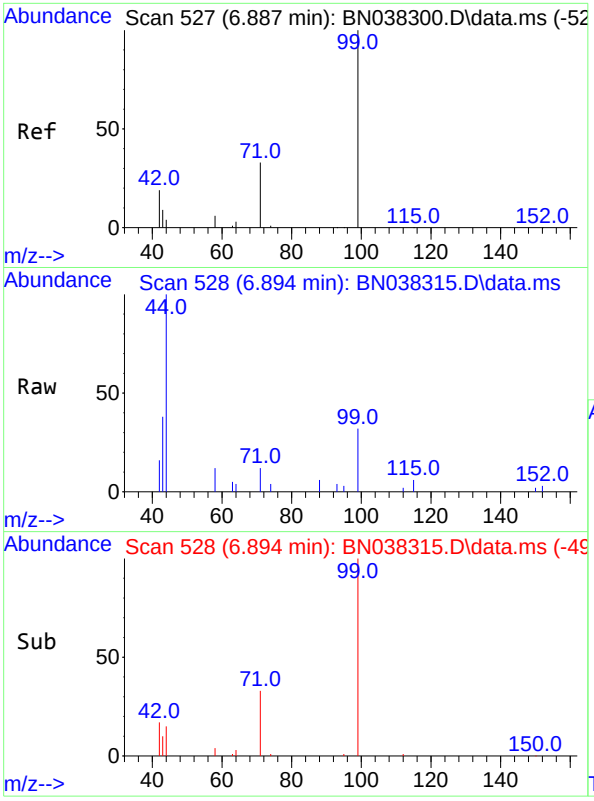


#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.298 min Scan# 307
Delta R.T. 0.007 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:112 Resp: 2204

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.4	66.6
63	29.6	23.4	35.0



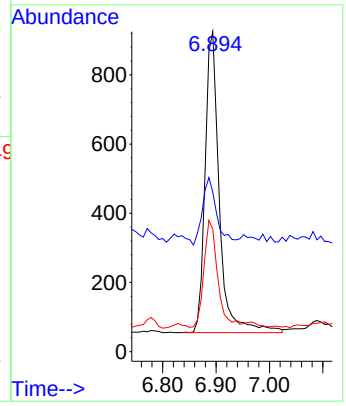


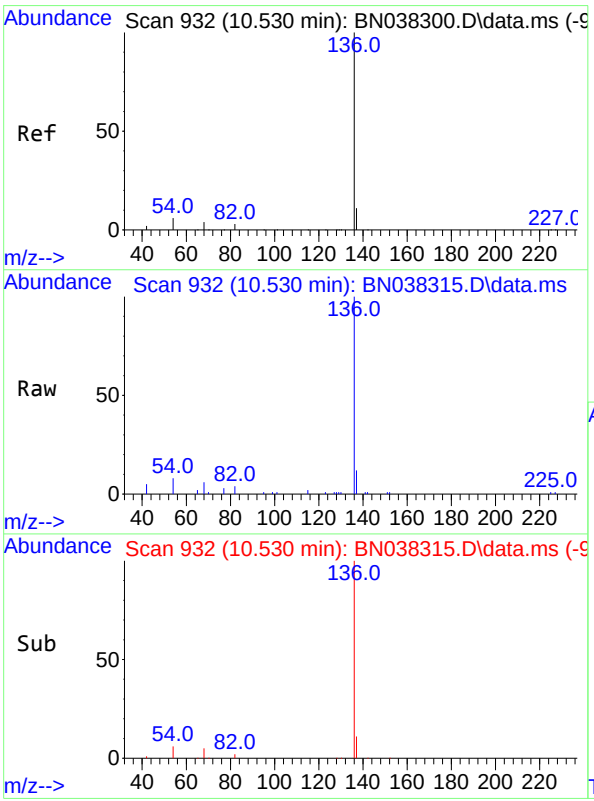
#5
Phenol-d6
Concen: 0.105 ng
RT: 6.894 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion: 99 Resp: 1618

Ion	Ratio	Lower	Upper
99	100		
42	22.6	16.5	24.7
71	34.0	24.9	37.3

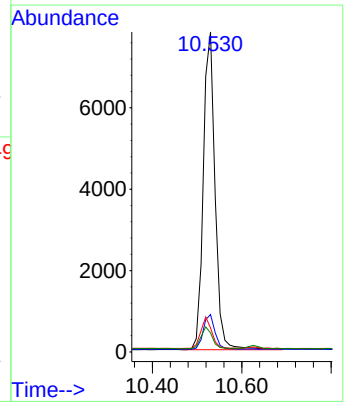


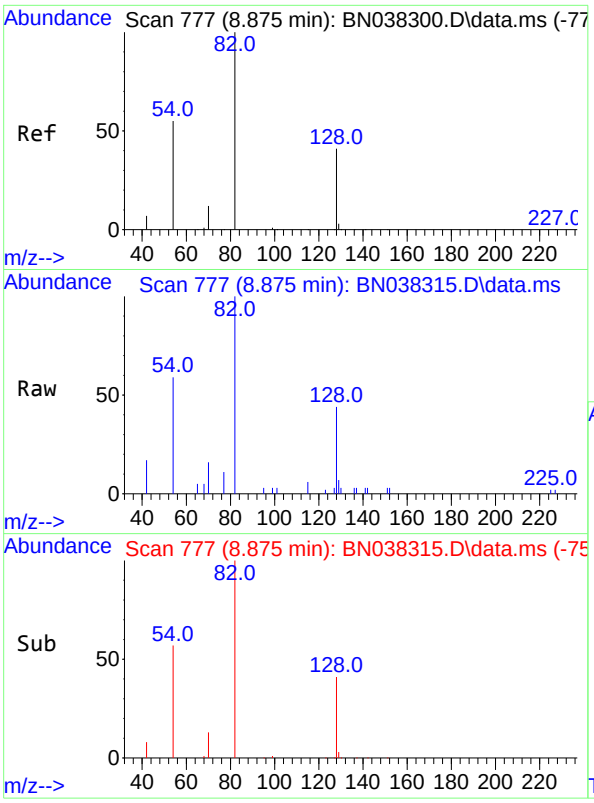


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:136 Resp: 14267

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.5	5.2	7.8
68	5.9	4.1	6.1



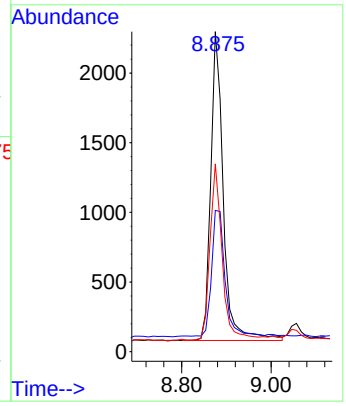


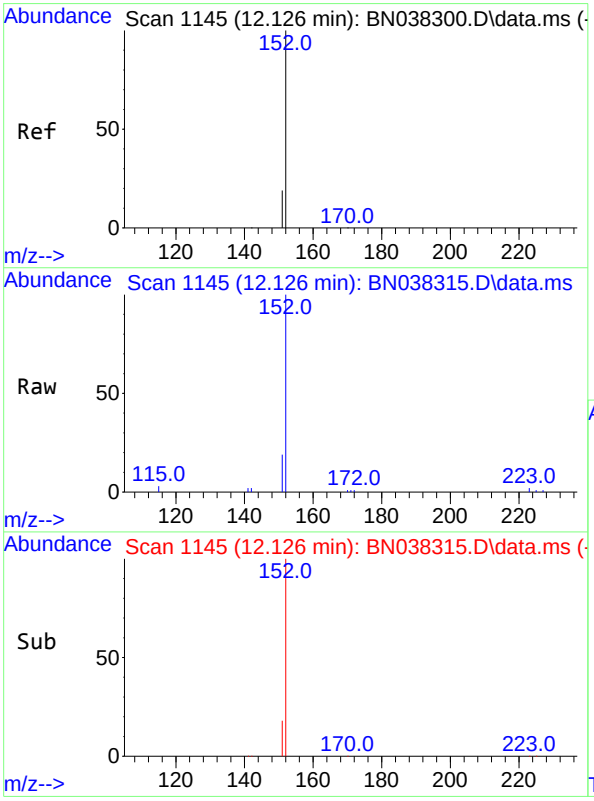
#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.875 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion: 82 Resp: 4325

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	58.7	44.4	66.6

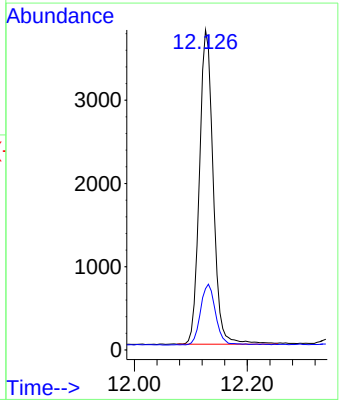


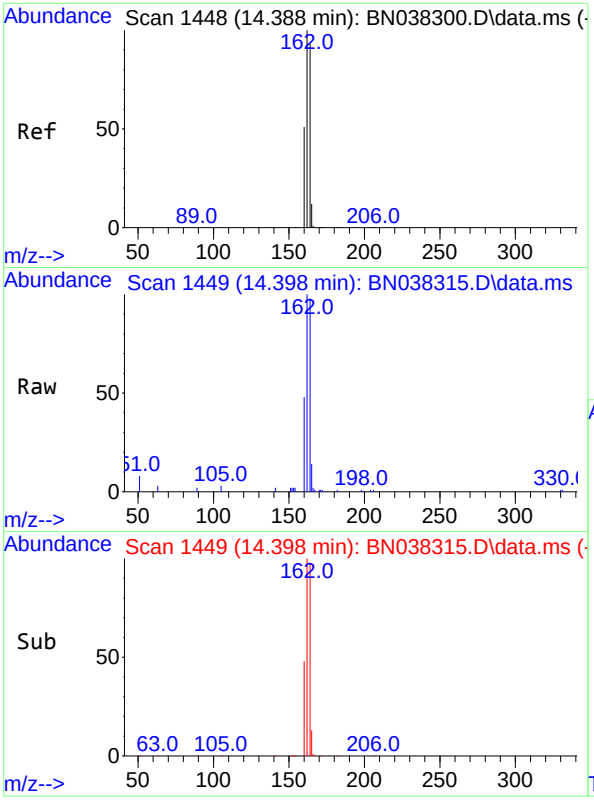


#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:152 Resp: 6402

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.6



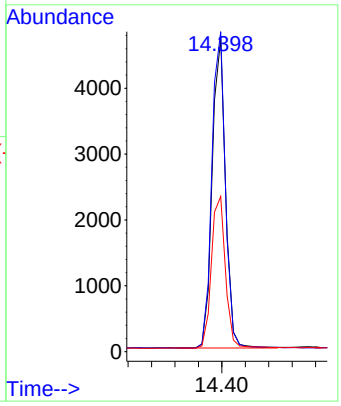


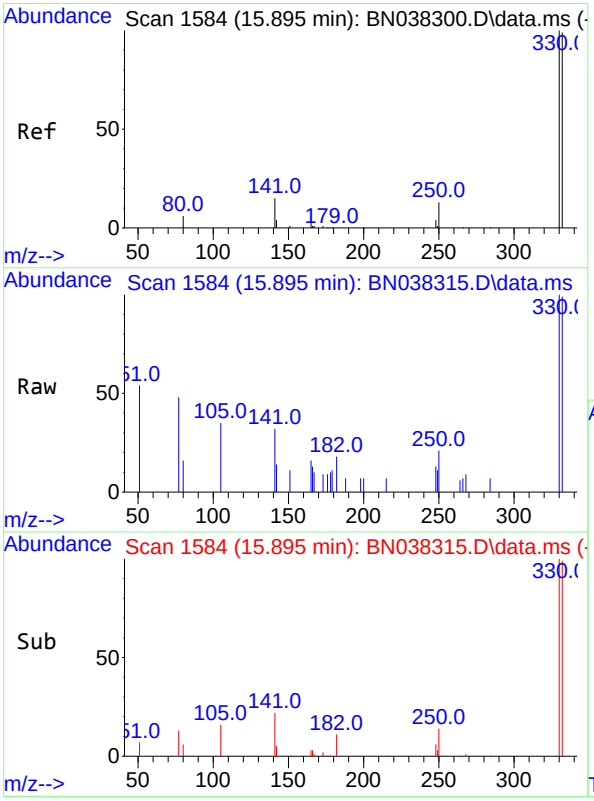
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion:164 Resp: 7400

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.2	129.4
160	49.6	44.6	67.0

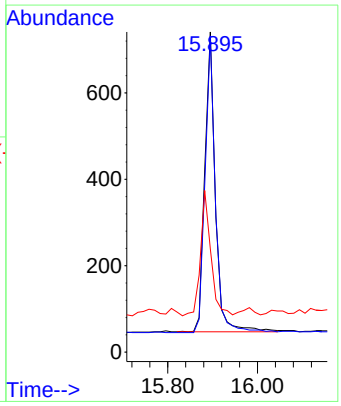


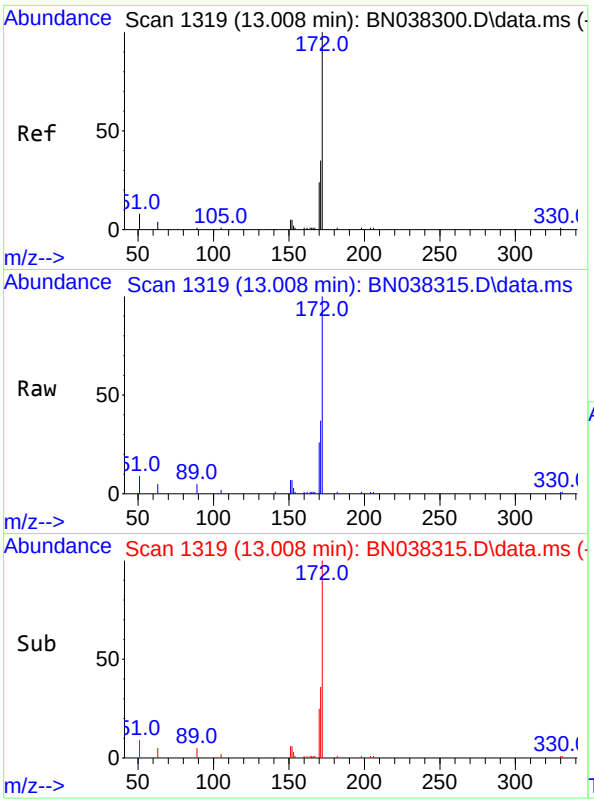


#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:330 Resp: 1125

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.8	113.6
141	41.2	31.8	47.8



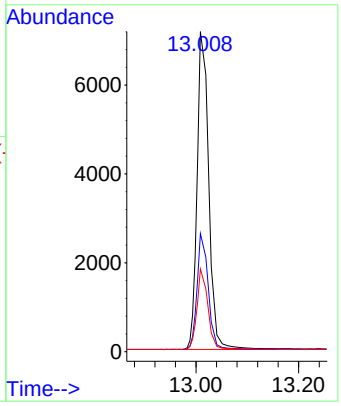


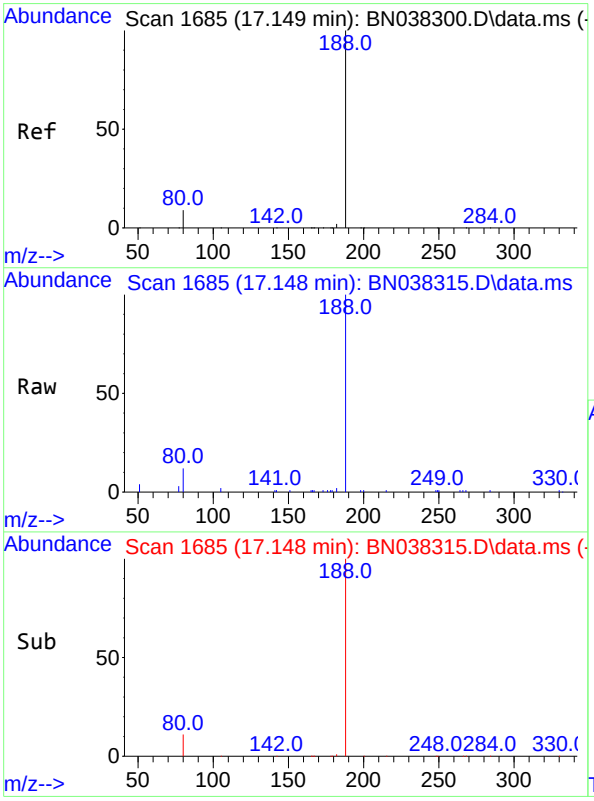
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.008 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion:172 Resp: 11927

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	25.9	19.3	28.9

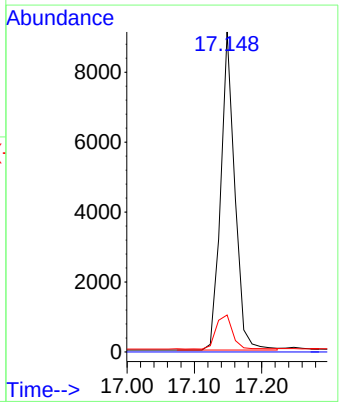


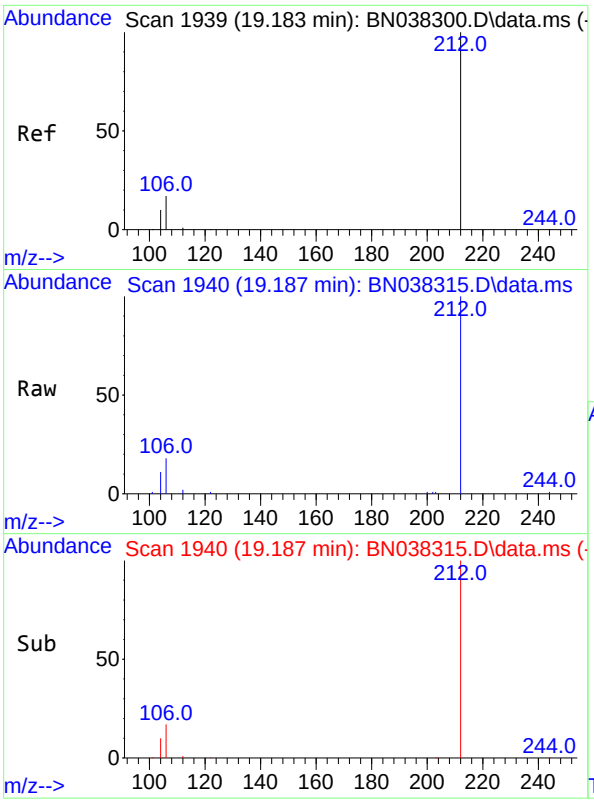


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:188 Resp: 13201

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.4	11.0#



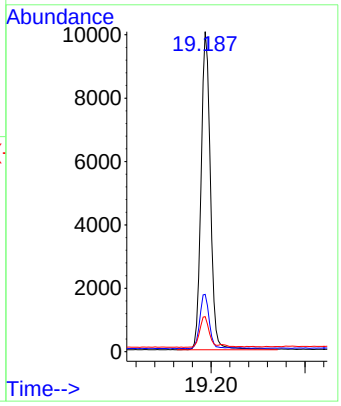


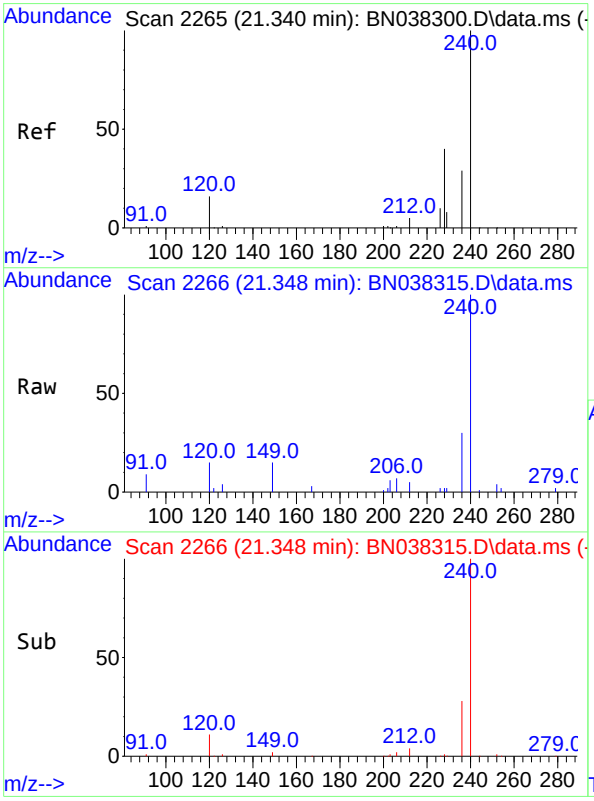
#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion:212 Resp: 13868

Ion	Ratio	Lower	Upper
212	100		
106	17.2	13.7	20.5
104	9.6	7.8	11.8

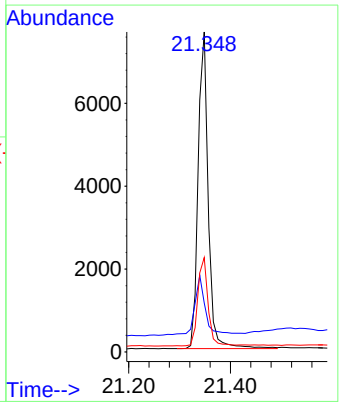


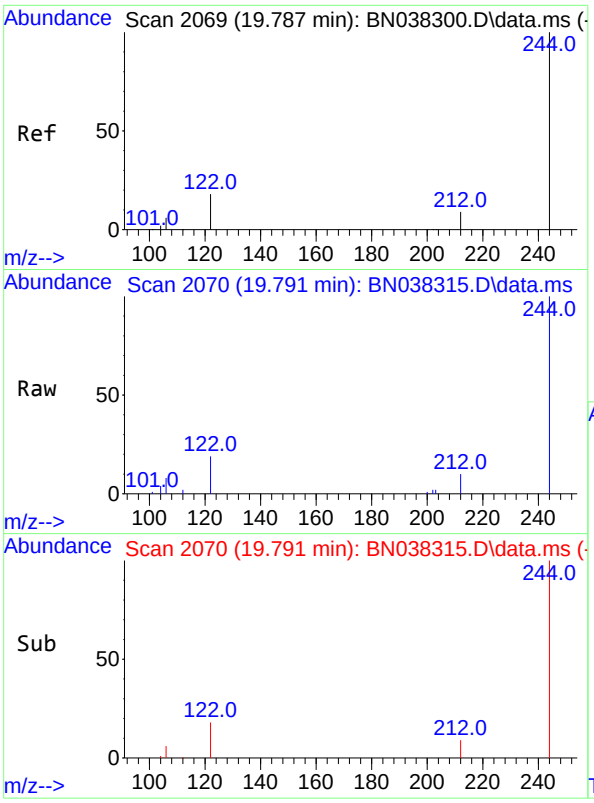


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.348 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:240 Resp: 10541

Ion	Ratio	Lower	Upper
240	100		
120	15.3	15.4	23.2#
236	29.5	23.9	35.9



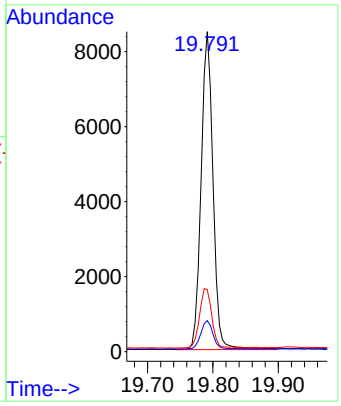


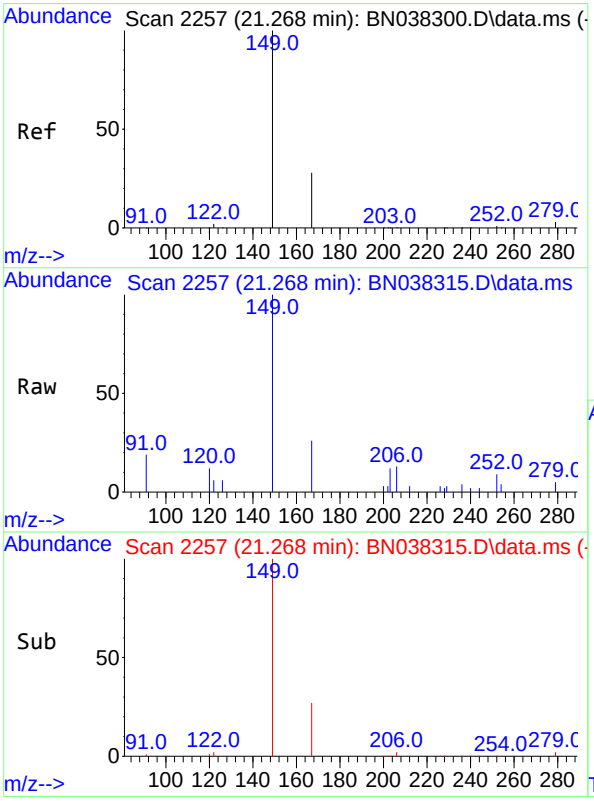
#31
Terphenyl-d14
Concen: 0.455 ng
RT: 19.791 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion:244 Resp: 10707

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	19.4	15.0	22.6

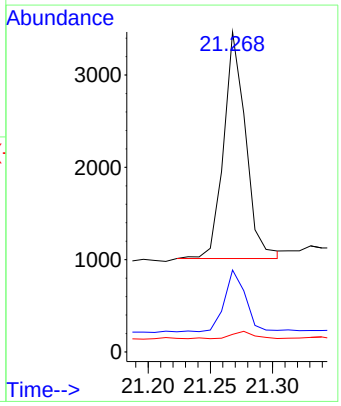


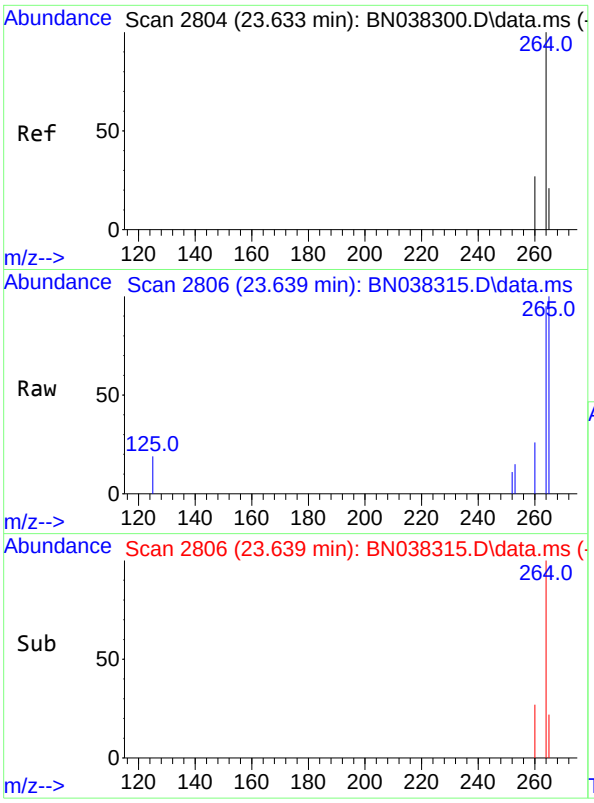


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.135 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:149 Resp: 3011

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.4	32.0
279	3.3	2.4	3.6



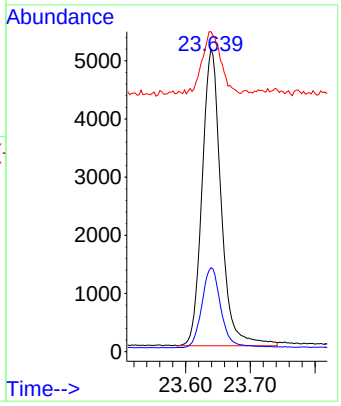


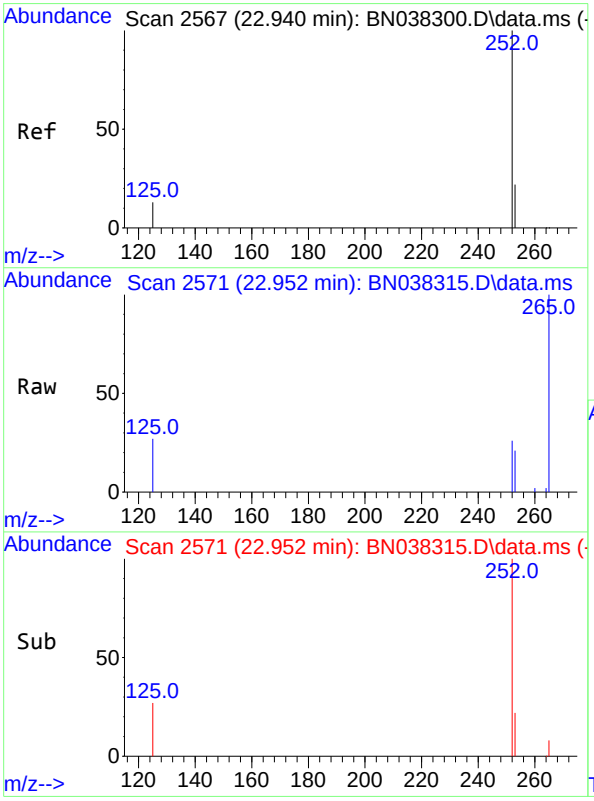
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.639 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion:264 Resp: 10399

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.2	33.2
265	105.8	80.2	120.2

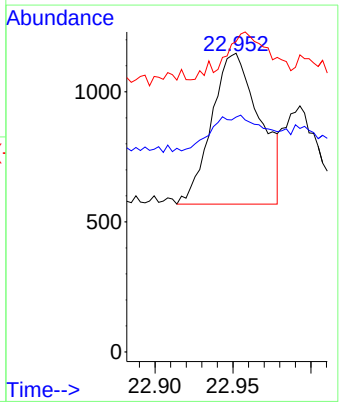


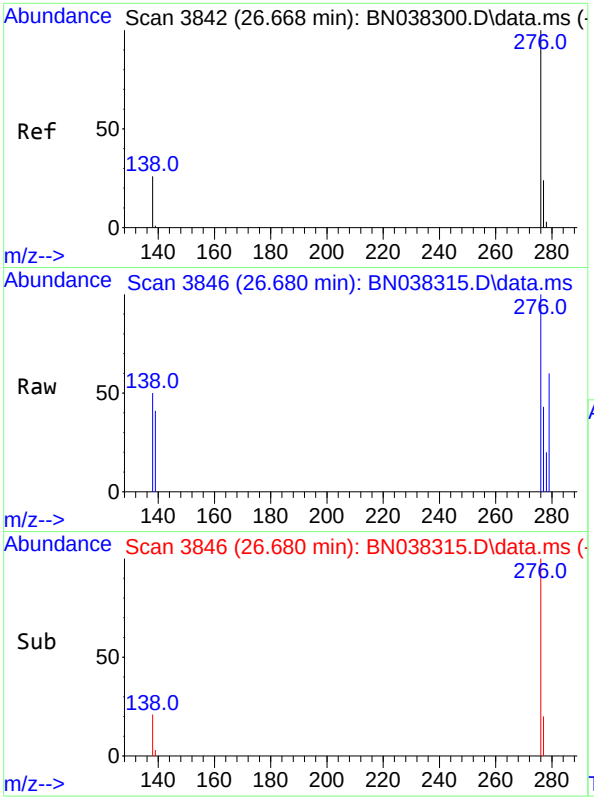


#37
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 22.952 min Scan# 2571
Delta R.T. 0.006 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Tgt Ion:252 Resp: 1248

Ion	Ratio	Lower	Upper
252	100		
253	78.7	21.1	31.7#
125	103.9	16.4	24.6#





#41
Benzo(g,h,i)perylene
Concen: 0.025 ng
RT: 26.680 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN038315.D
Acq: 11 Dec 2025 13:38

Instrument :
BNA_N
ClientSampleId :
RMW-05B-90.5-120325

Tgt Ion:276 Resp: 1178

Ion	Ratio	Lower	Upper
276	100		
277	42.6	20.0	30.0#
138	49.8	21.8	32.6#