Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038155.D
Acq On : 07 Nov 2025 15:33
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Quant Time: Nov 07 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10875	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	36113	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	60230	0.400	ng	# 0.00
19) Phenanthrene-d10	17.186	188	41457	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	24620	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	21598	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5544	0.216	ng	0.00
5) Phenol-d6	6.937	99	4724	0.151	ng	0.00
8) Nitrobenzene-d5	8.929	82	10835	0.372	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	17454	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4807	0.194	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	31043	0.129	ng	0.00
27) Fluoranthene-d10	19.220	212	37172	0.356	ng	0.00
31) Terphenyl-d14	19.819	244	28988	0.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	69584	6.193	ng	# 67
3) n-Nitrosodimethylamine	3.543	42	5979	0.413	ng	# 1
6) bis(2-Chloroethyl)ether	7.190	93	4046	0.132	ng	# 28
9) Naphthalene	10.626	128	10942	0.110	ng	# 64
12) 2-Methylnaphthalene	12.248	142	26668	0.402	ng	# 66
17) Acenaphthene	14.495	154	16665	0.087	ng	# 92
18) Fluorene	15.489	166	24274	0.097	ng	# 56
20) 4,6-Dinitro-2-methylph...	15.489	198	1853	0.418	ng	# 1
23) Atrazine	16.640	200	617	0.031	ng	# 1
25) Phenanthrene	17.223	178	7934	0.060	ng	# 83
26) Anthracene	17.322	178	5880	0.051	ng	# 1
28) Fluoranthene	19.253	202	3278	0.022	ng	# 1
30) Pyrene	19.615	202	5283	0.048	ng	# 87
33) Chrysene	21.411	228	1939	0.020	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	124078	2.682	ng	96
39) Benzo(a)pyrene	23.540	252	2404	0.033	ng	# 1

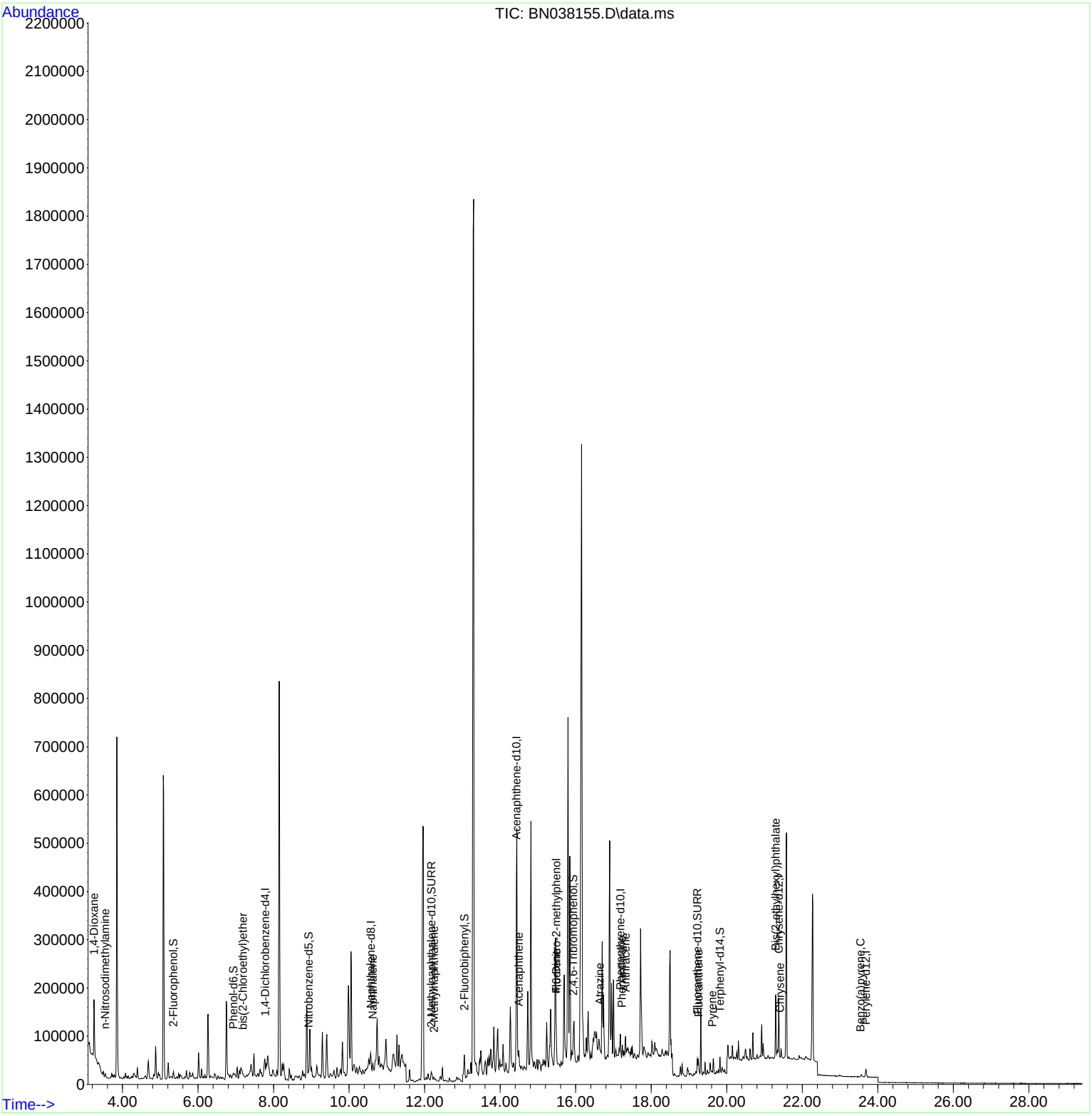
(#) = qualifier out of range (m) = manual integration (+) = signals summed

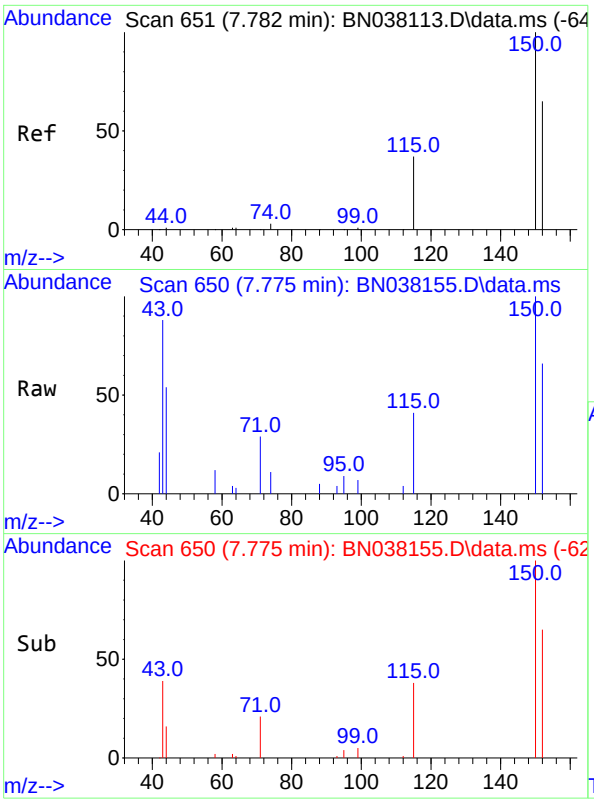
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038155.D
Acq On : 07 Nov 2025 15:33
Operator : RC/JU
Sample : Q3534-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Quant Time: Nov 07 15:57:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration



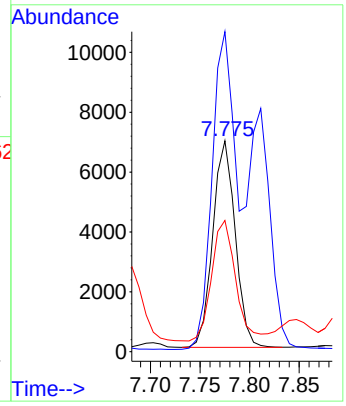


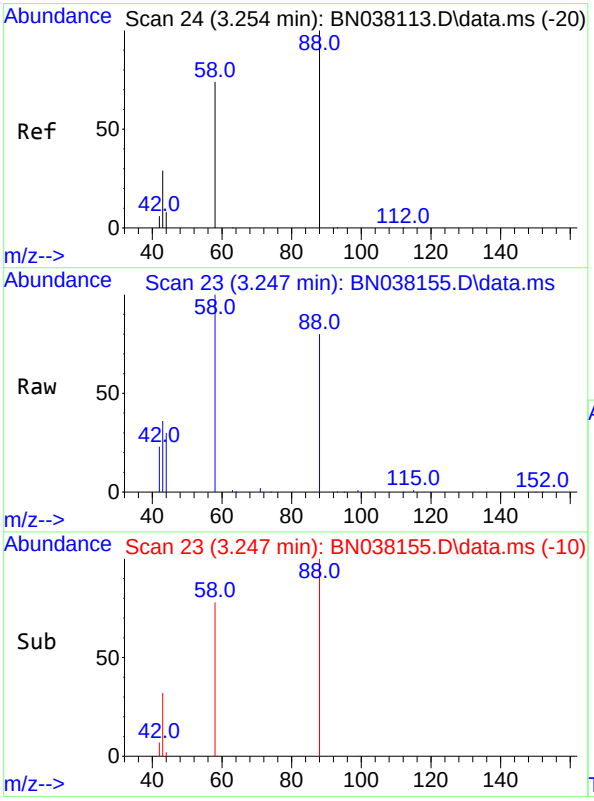
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:152 Resp: 10875

Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.3	183.5
115	62.3	47.4	71.0

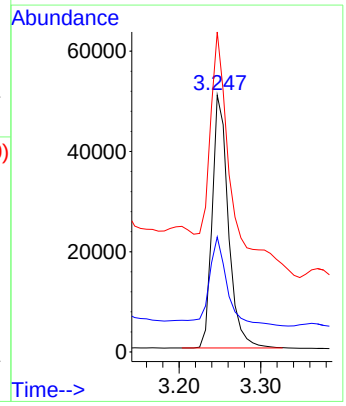


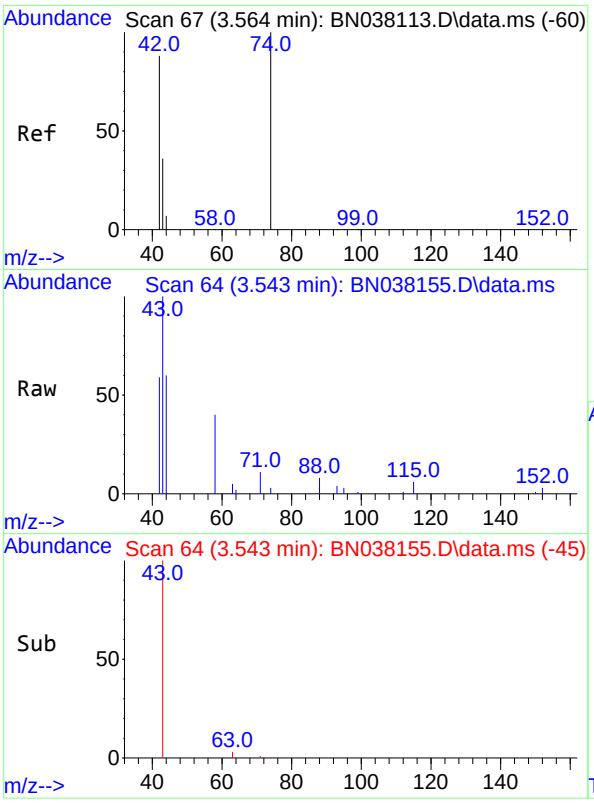


#2
1,4-Dioxane
Concen: 6.193 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion: 88 Resp: 69584

Ion	Ratio	Lower	Upper
88	100		
43	38.7	24.3	36.5#
58	110.1	60.4	90.6#



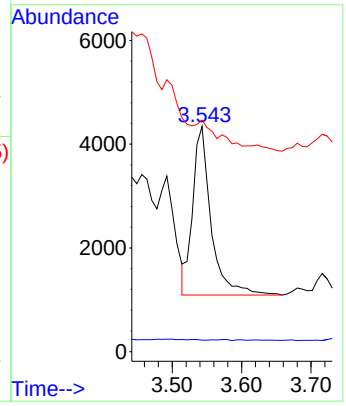


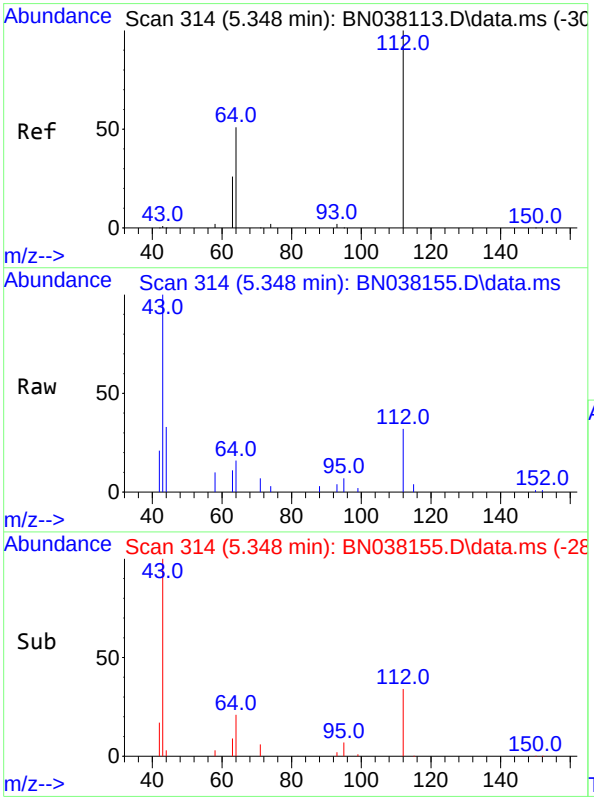
#3
n-Nitrosodimethylamine
Concen: 0.413 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion: 42 Resp: 5979

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.8	145.2#
44	0.0	5.3	7.9#

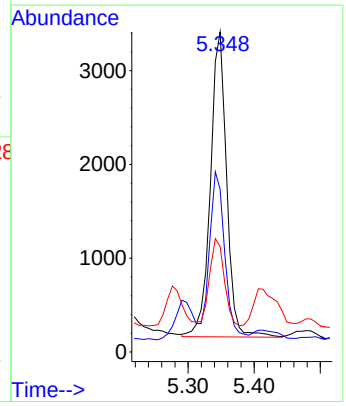


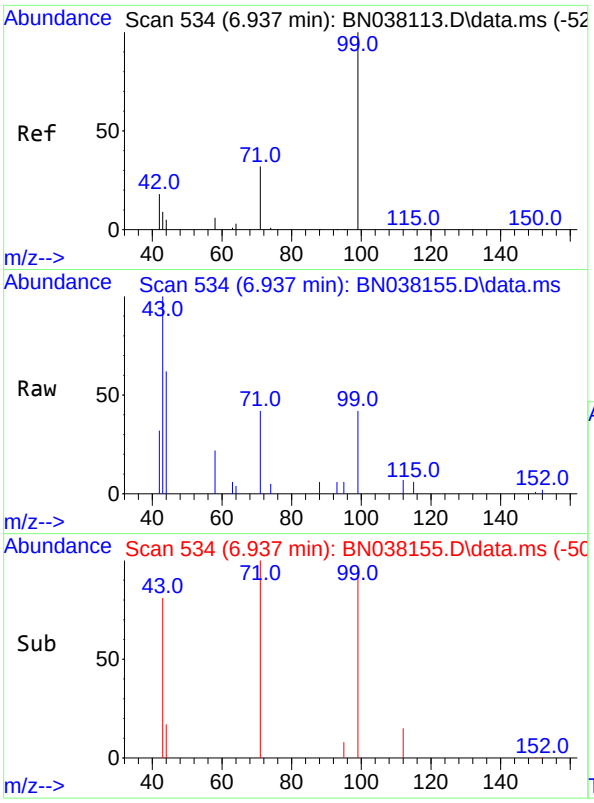


#4
2-Fluorophenol
Concen: 0.216 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:112 Resp: 5544

Ion	Ratio	Lower	Upper
112	100		
64	50.7	45.4	68.0
63	26.4	23.2	34.8



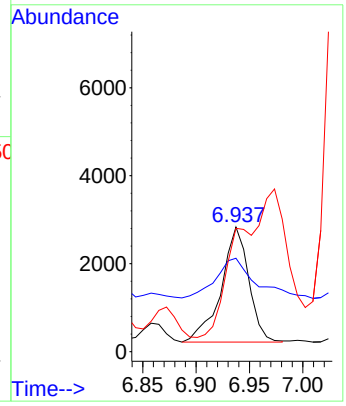


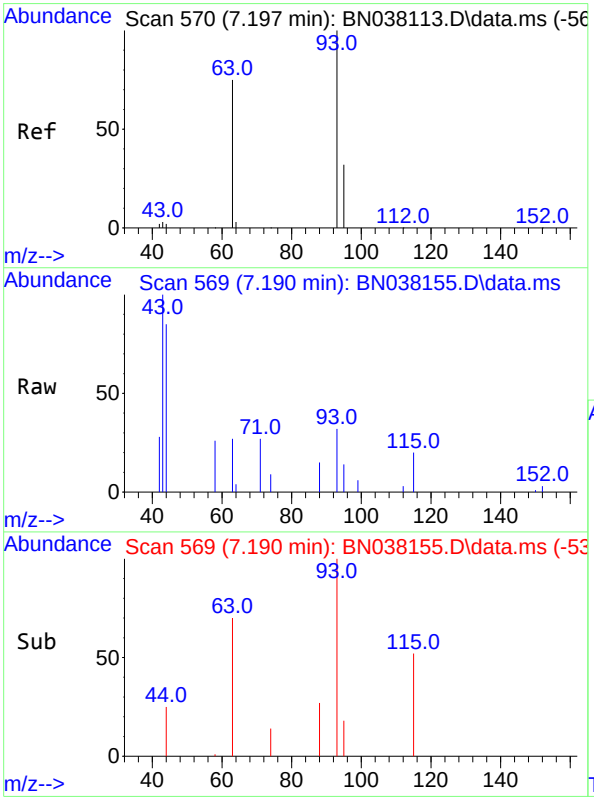
#5
Phenol-d6
Concen: 0.151 ng
RT: 6.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion: 99 Resp: 4724

Ion	Ratio	Lower	Upper
99	100		
42	65.6	16.6	24.8#
71	0.0	25.4	38.2#

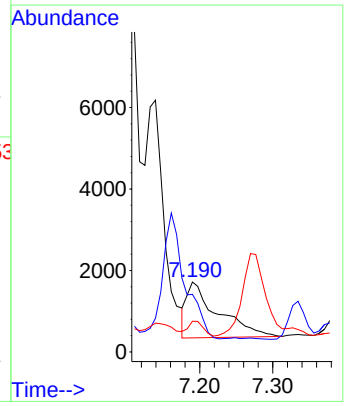


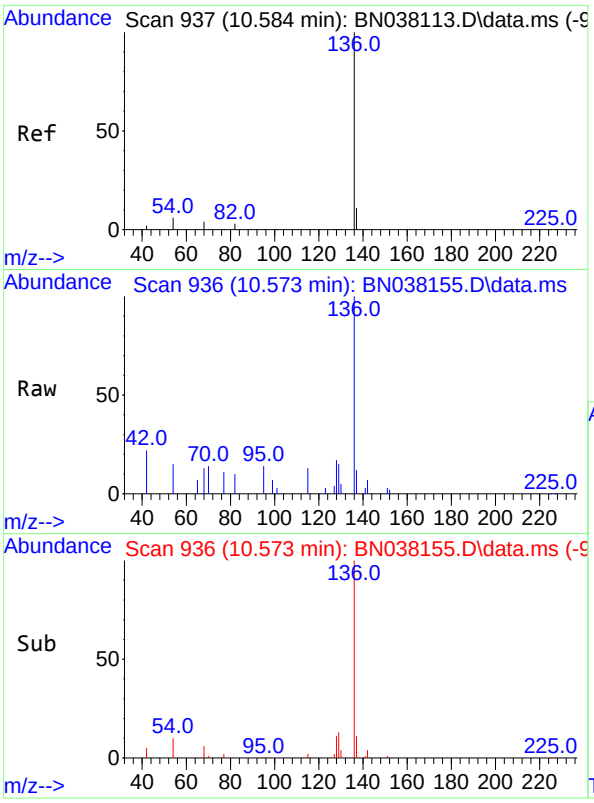


#6
bis(2-Chloroethyl)ether
Concen: 0.132 ng
RT: 7.190 min Scan# 569
Delta R.T. -0.007 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion: 93 Resp: 4046

Ion	Ratio	Lower	Upper
93	100		
63	0.0	59.3	88.9#
95	12.8	25.2	37.8#



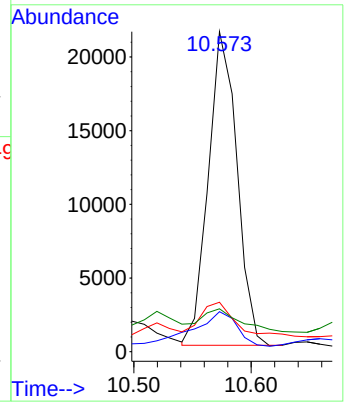


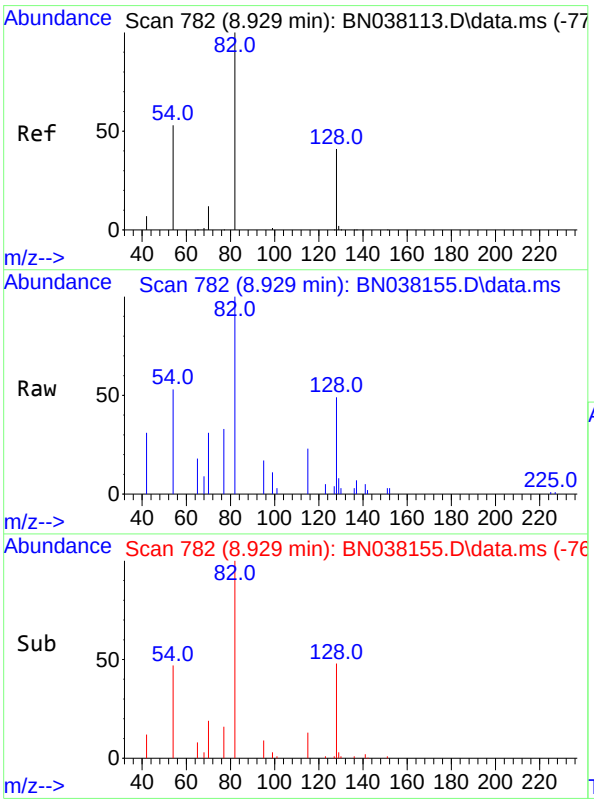
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:136 Resp: 36113

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.4
54	15.4	5.2	7.8#
68	13.4	4.1	6.1#

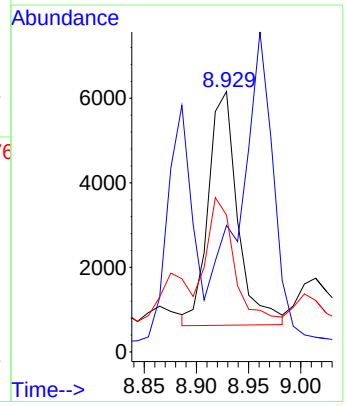


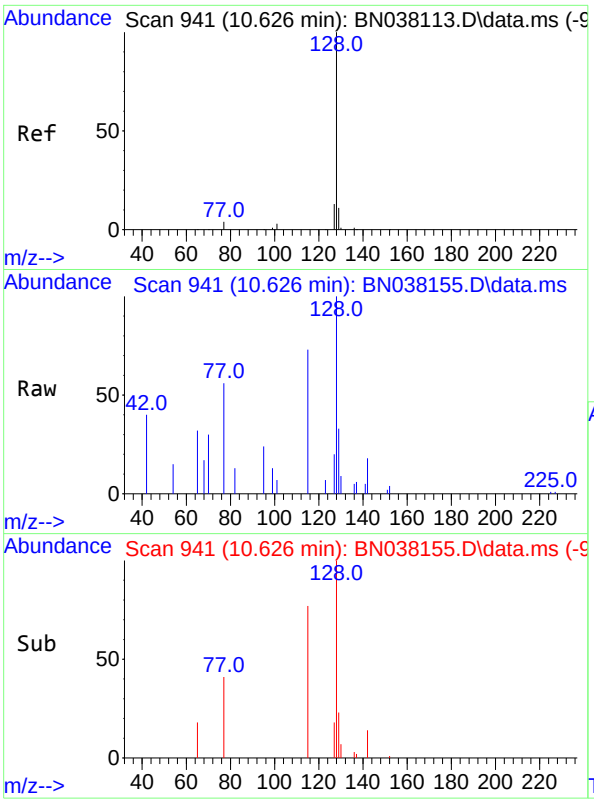


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion: 82 Resp: 10835

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.1	51.1
54	52.6	43.5	65.3



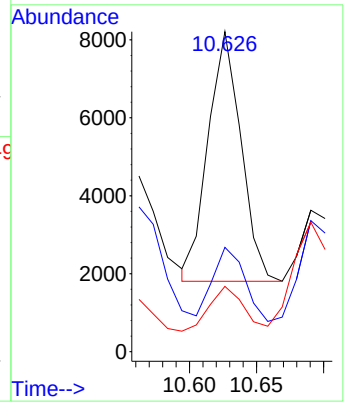


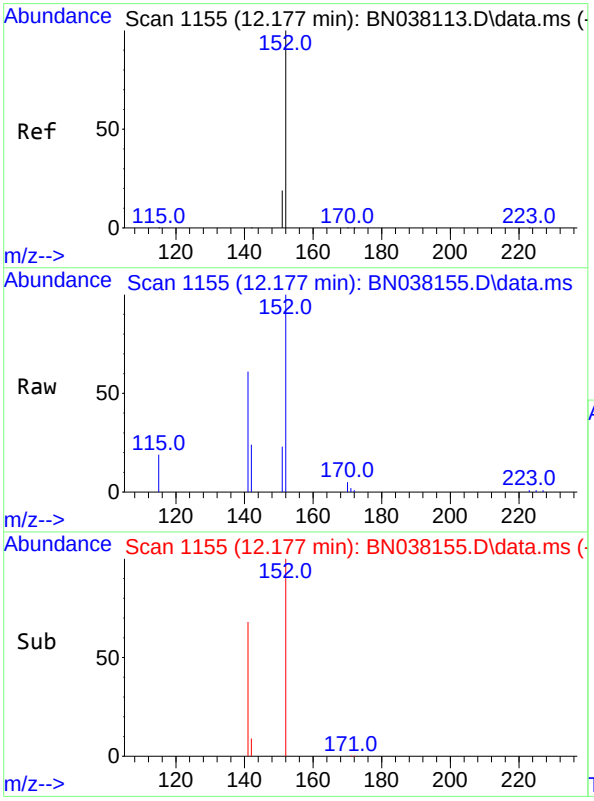
#9
Naphthalene
Concen: 0.110 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:128 Resp: 10942

Ion	Ratio	Lower	Upper
128	100		
129	32.6	9.1	13.7#
127	20.4	10.5	15.7#

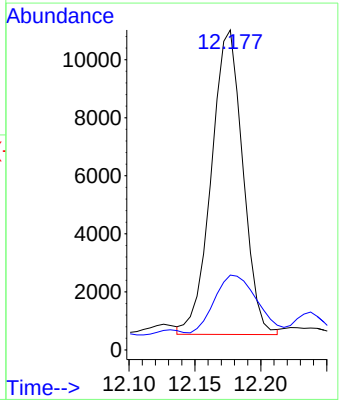


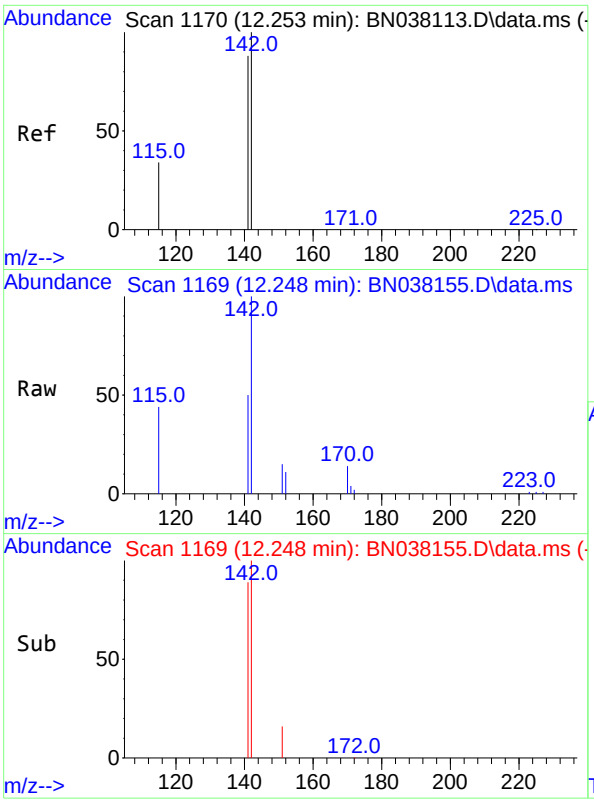


#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:152 Resp: 17454

Ion	Ratio	Lower	Upper
152	100		
151	25.6	16.8	25.2#



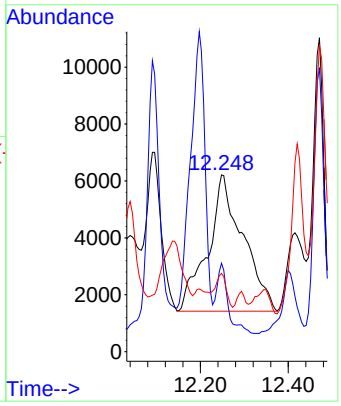


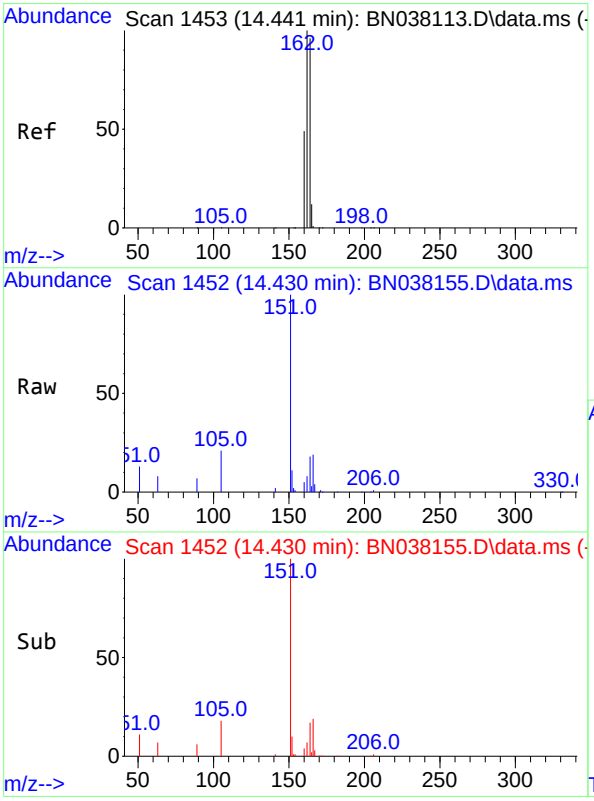
#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.248 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:142 Resp: 26668

Ion	Ratio	Lower	Upper
142	100		
141	50.0	70.3	105.5#
115	44.2	27.8	41.6#

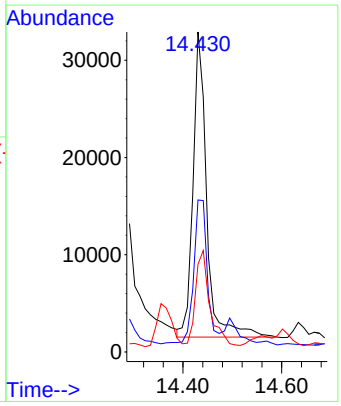


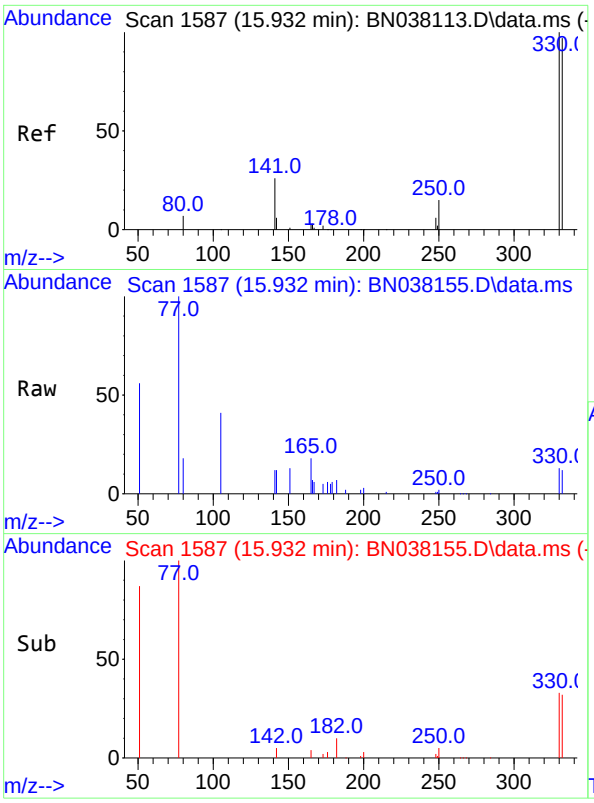


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:164 Resp: 60230

Ion	Ratio	Lower	Upper
164	100		
162	47.5	83.0	124.4#
160	27.4	40.7	61.1#



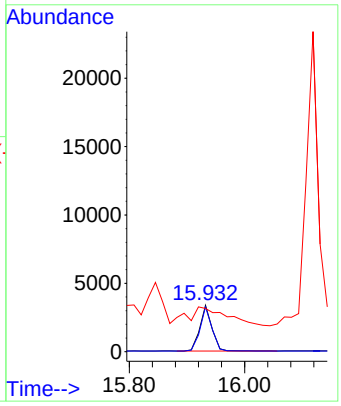


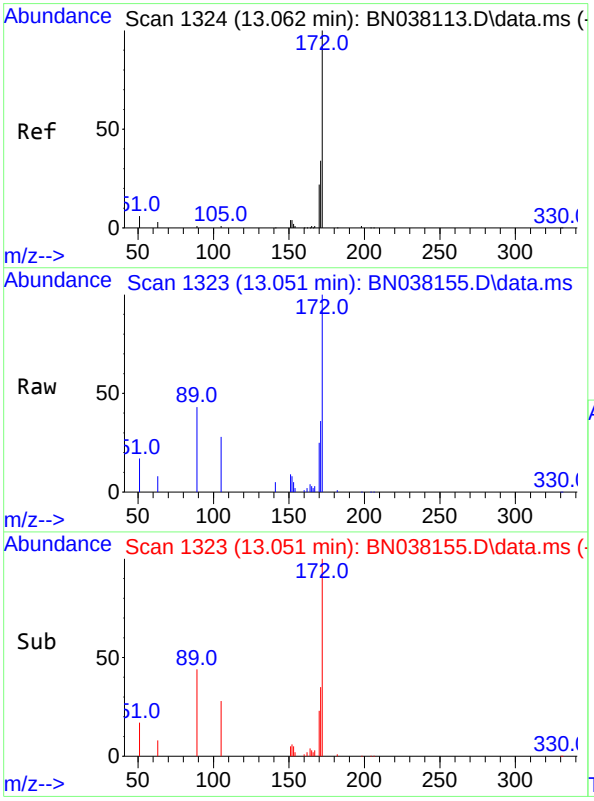
#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:330 Resp: 4807

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	125.5	34.1	51.1#

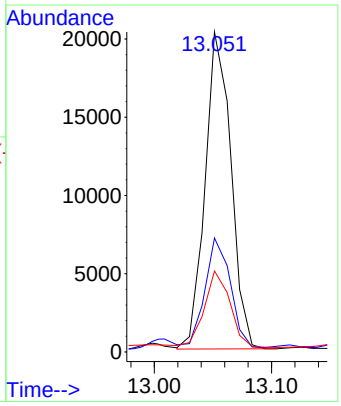


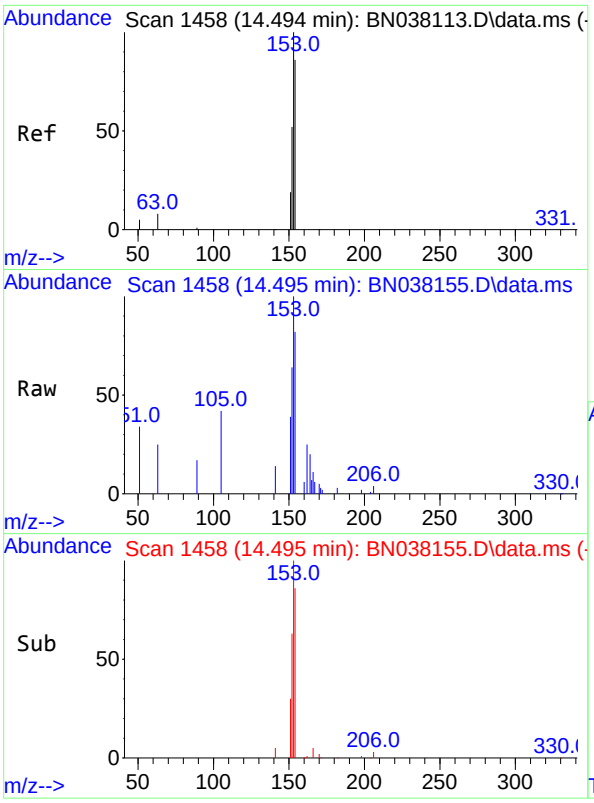


#15
2-Fluorobiphenyl
Concen: 0.129 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:172 Resp: 31043

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	25.3	18.1	27.1



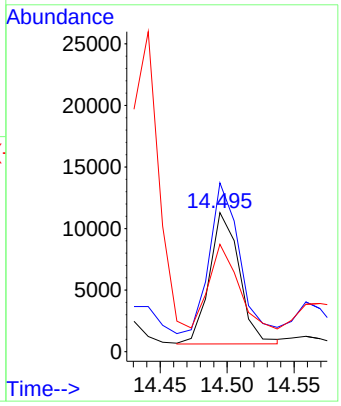


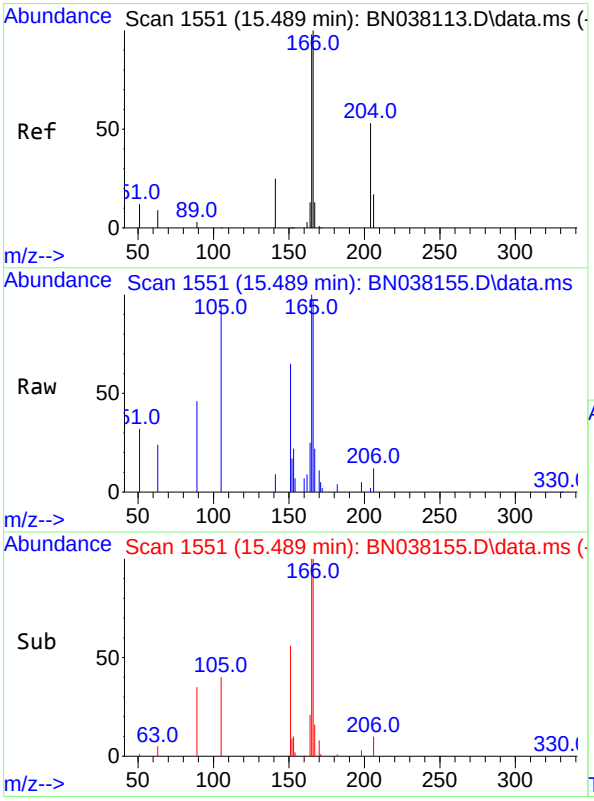
#17
Acenaphthene
Concen: 0.087 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:154 Resp: 16665

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.0	135.0
152	74.4	47.3	70.9#

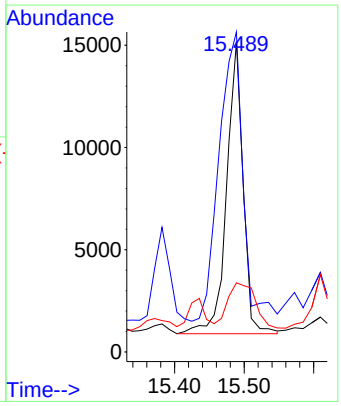


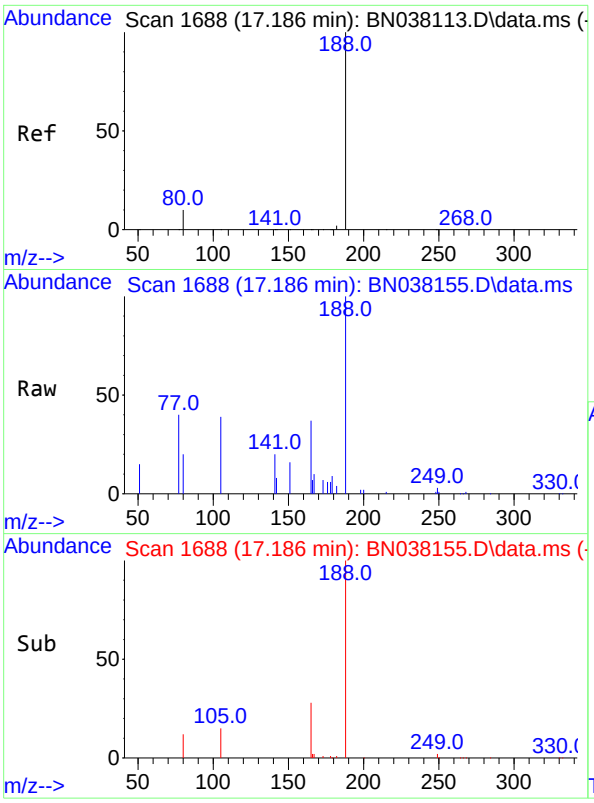


#18
Fluorene
Concen: 0.097 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:166 Resp: 24274

Ion	Ratio	Lower	Upper
166	100		
165	143.9	79.0	118.4#
167	25.8	10.7	16.1#



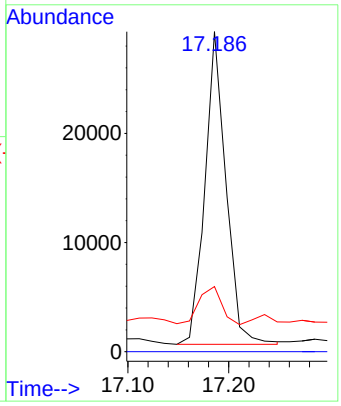


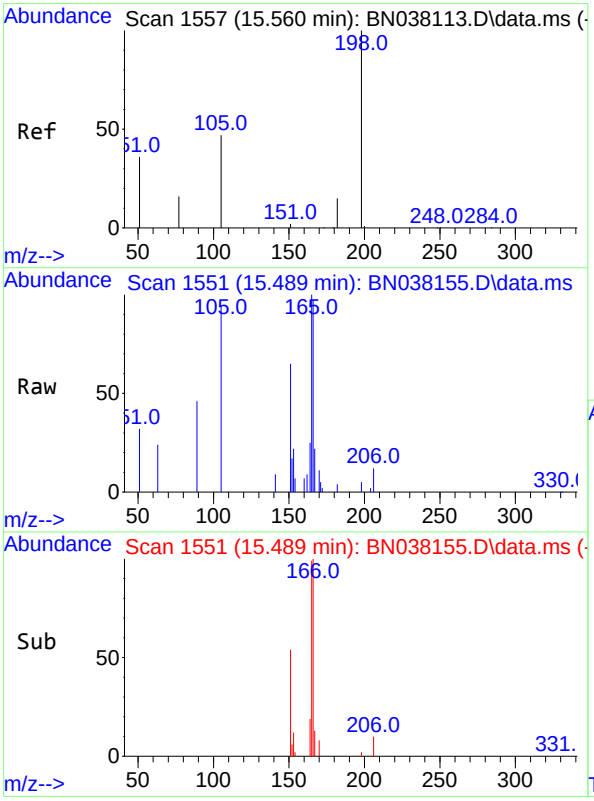
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:188 Resp: 41457

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	20.3	8.6	13.0#

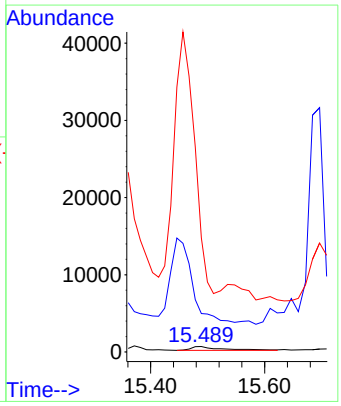


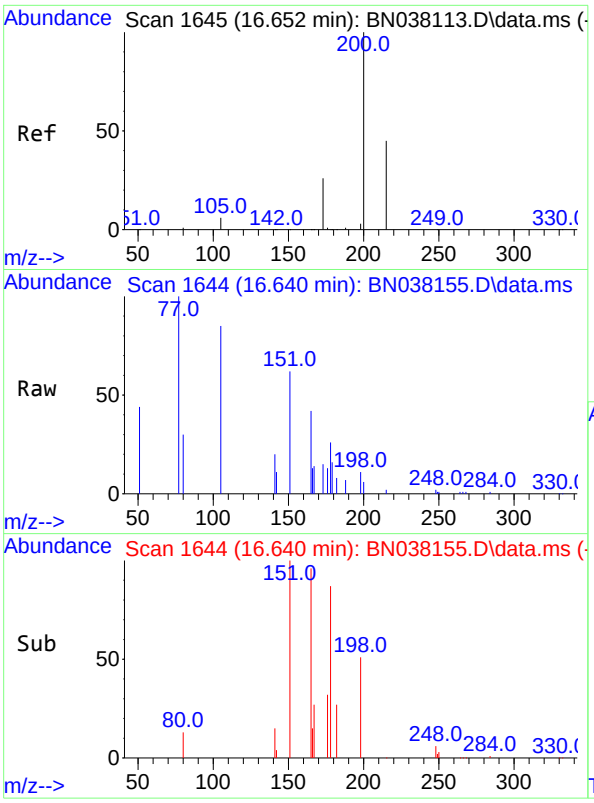


#20
4,6-Dinitro-2-methylphenol
Concen: 0.418 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.071 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:198 Resp: 1853

Ion	Ratio	Lower	Upper
198	100		
51	698.2	88.9	133.3#
105	2077.0	49.2	73.8#



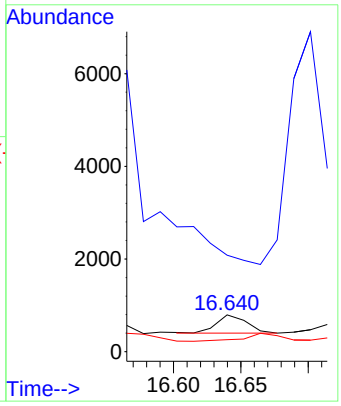


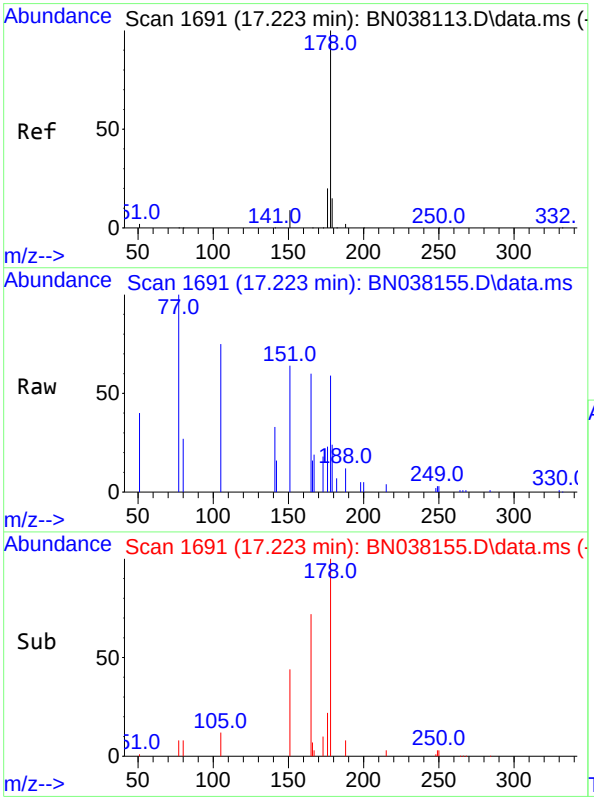
#23
Atrazine
Concen: 0.031 ng
RT: 16.640 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:200 Resp: 617

Ion	Ratio	Lower	Upper
200	100		
173	262.1	21.4	32.2#
215	32.5	36.7	55.1#

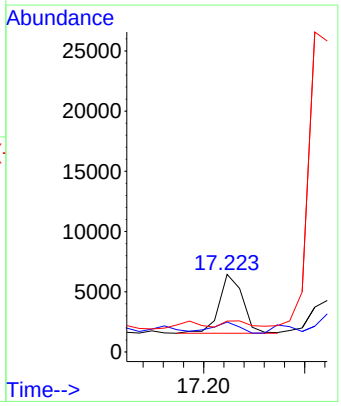


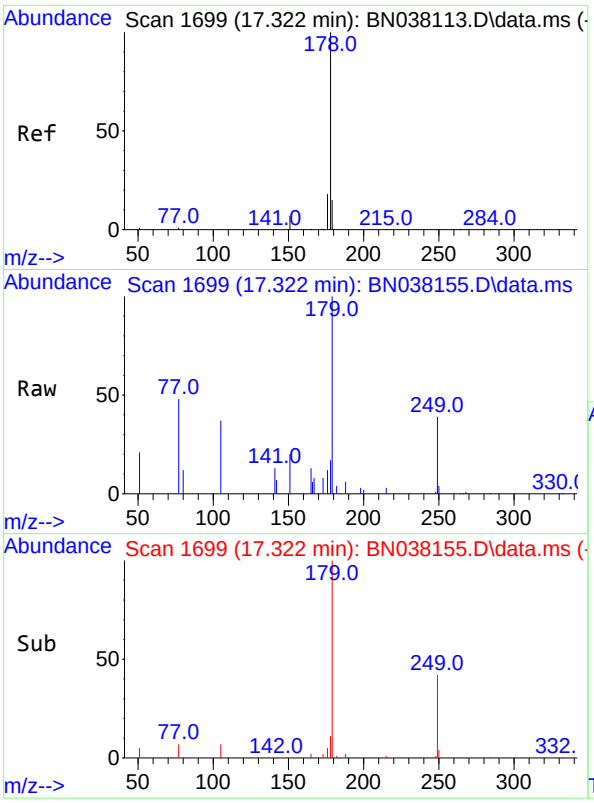


#25
Phenanthrene
Concen: 0.060 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:178 Resp: 7934

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.5	23.3
179	0.0	12.2	18.4#



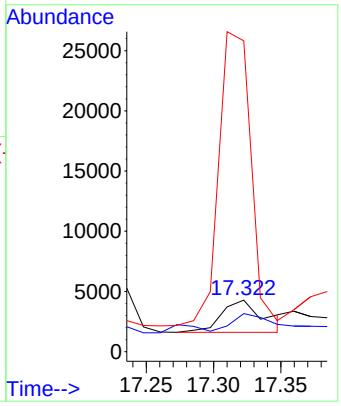


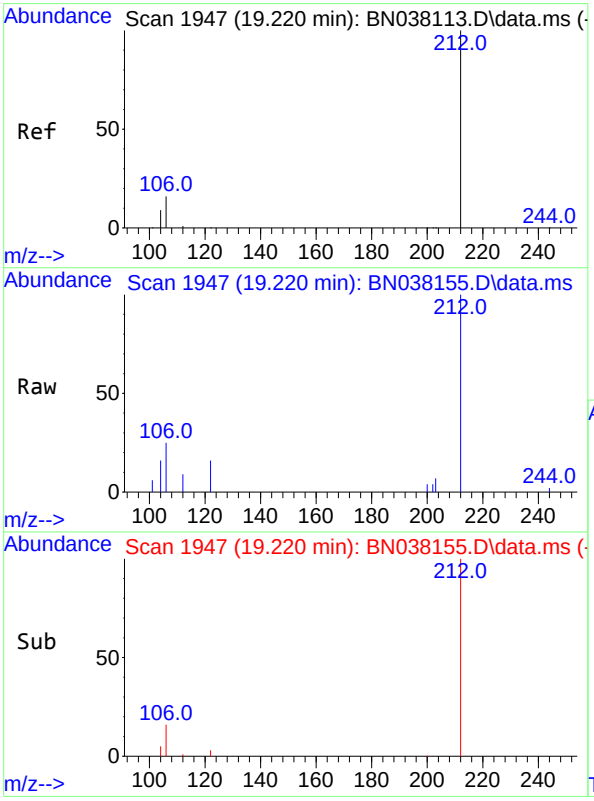
#26
Anthracene
Concen: 0.051 ng
RT: 17.322 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:178 Resp: 5880

Ion	Ratio	Lower	Upper
178	100		
176	91.1	14.9	22.3#
179	686.0	11.8	17.8#

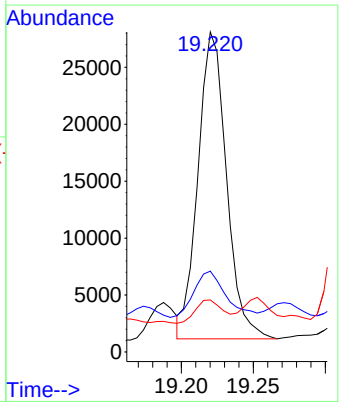


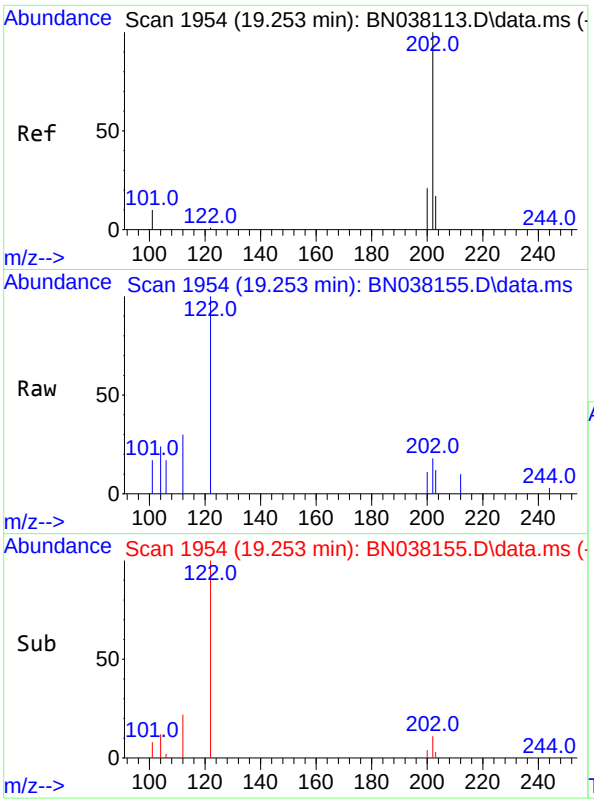


#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:212 Resp: 37172

Ion	Ratio	Lower	Upper
212	100		
106	19.7	12.6	19.0#
104	8.1	7.1	10.7



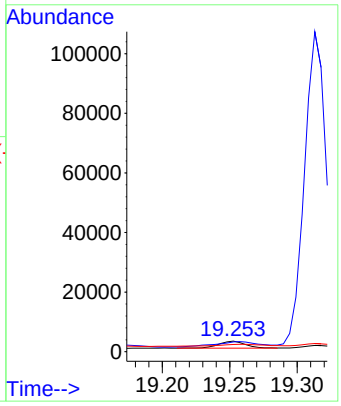


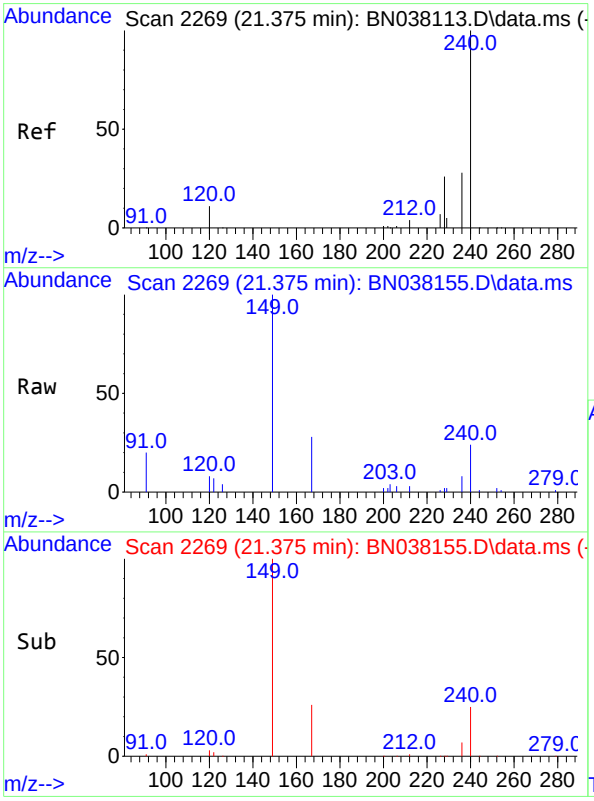
#28
Fluoranthene
Concen: 0.022 ng
RT: 19.253 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:202 Resp: 3278

Ion	Ratio	Lower	Upper
202	100		
101	127.2	9.4	14.2#
203	49.1	13.4	20.2#

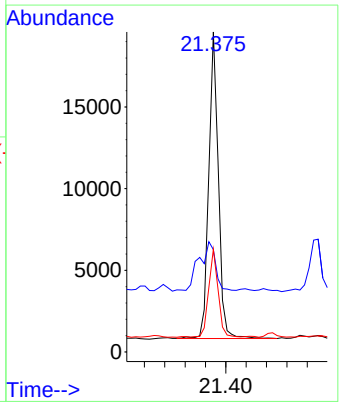


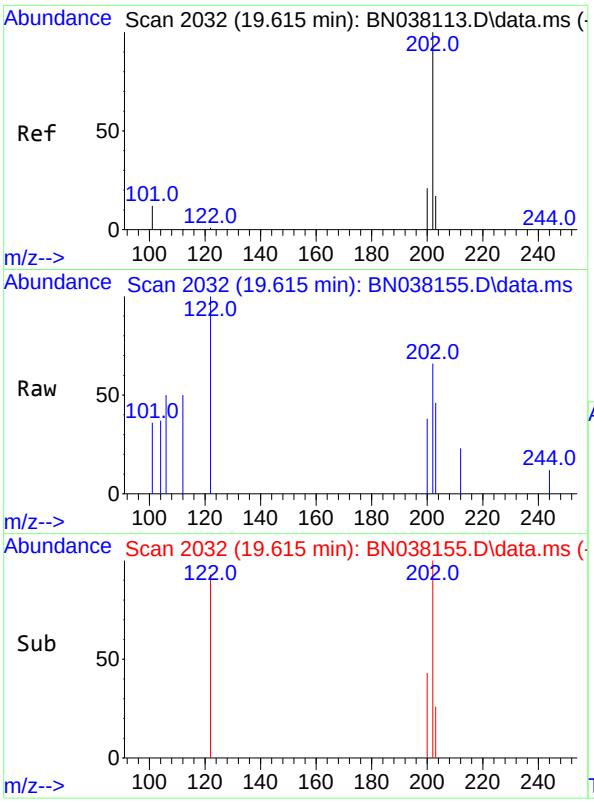


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:240 Resp: 24620

Ion	Ratio	Lower	Upper
240	100		
120	32.0	10.7	16.1#
236	32.1	23.1	34.7



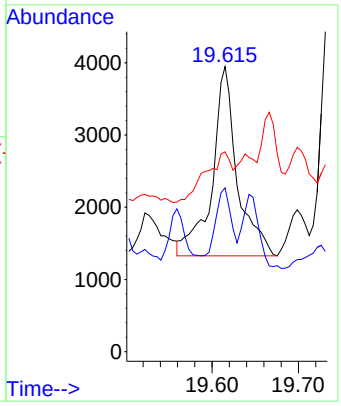


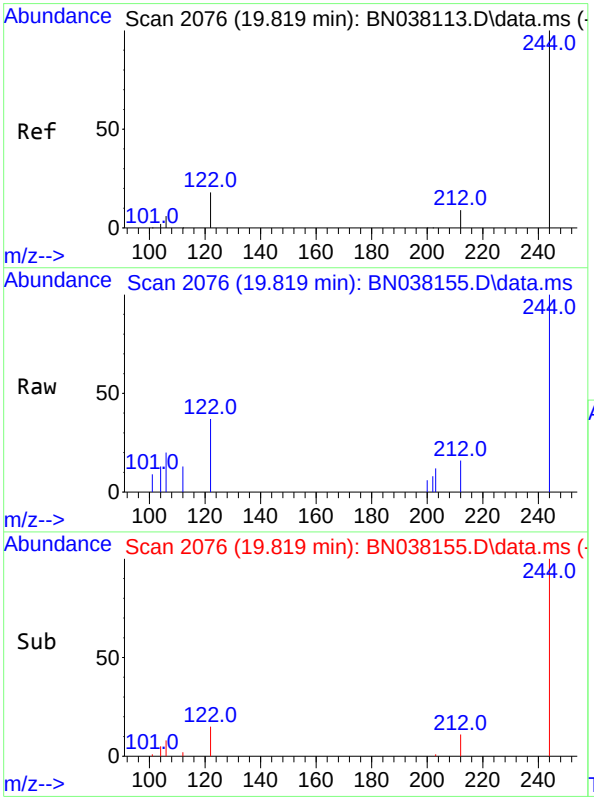
#30
Pyrene
Concen: 0.048 ng
RT: 19.615 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:202 Resp: 5283

Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.7	25.1
203	27.2	14.2	21.2#

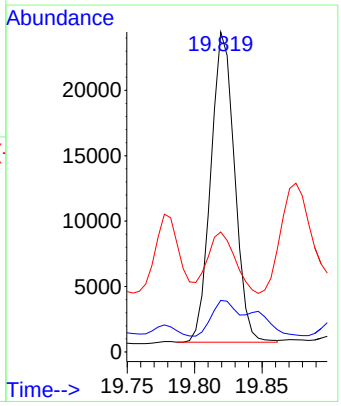


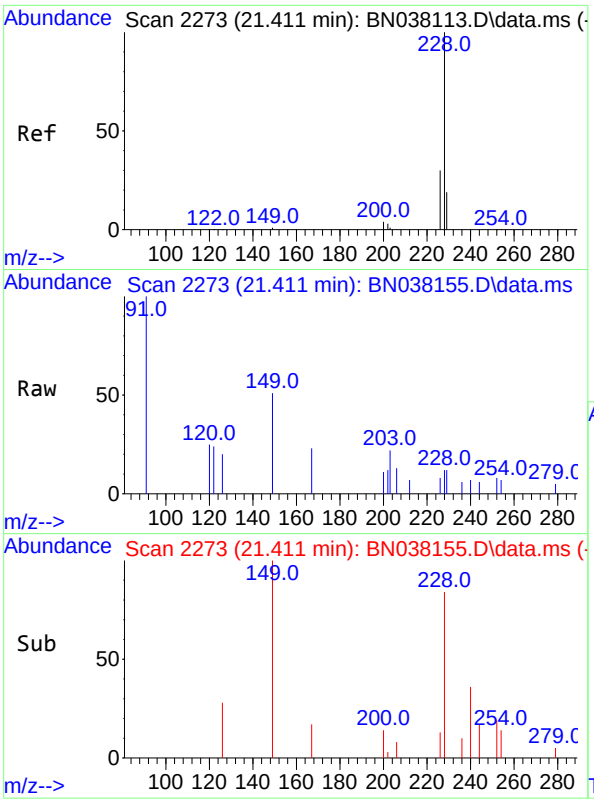


#31
Terphenyl-d14
Concen: 0.542 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:244 Resp: 28988

Ion	Ratio	Lower	Upper
244	100		
212	16.1	7.8	11.6#
122	37.5	15.2	22.8#



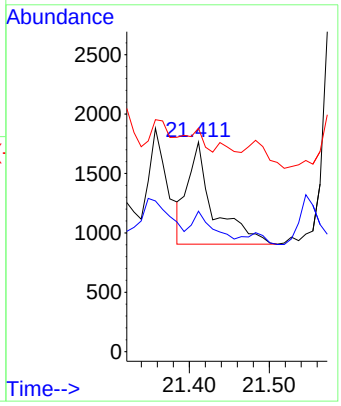


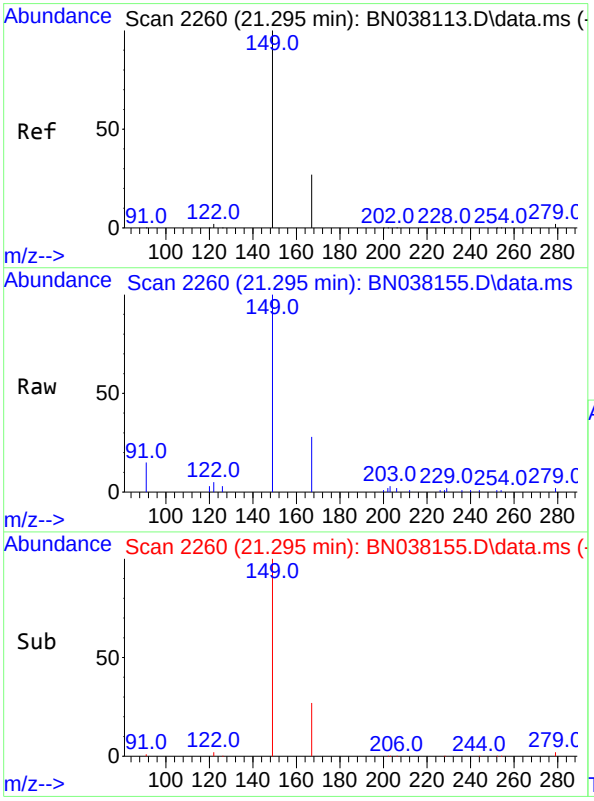
#33
Chrysene
Concen: 0.020 ng
RT: 21.411 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:228 Resp: 1939

Ion	Ratio	Lower	Upper
228	100		
226	67.0	24.3	36.5#
229	106.7	15.7	23.5#

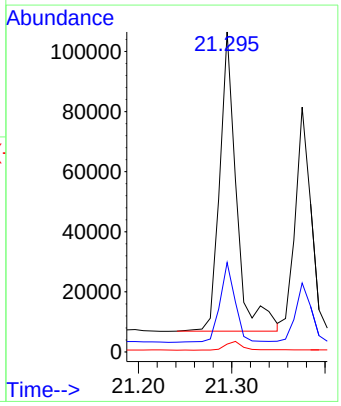


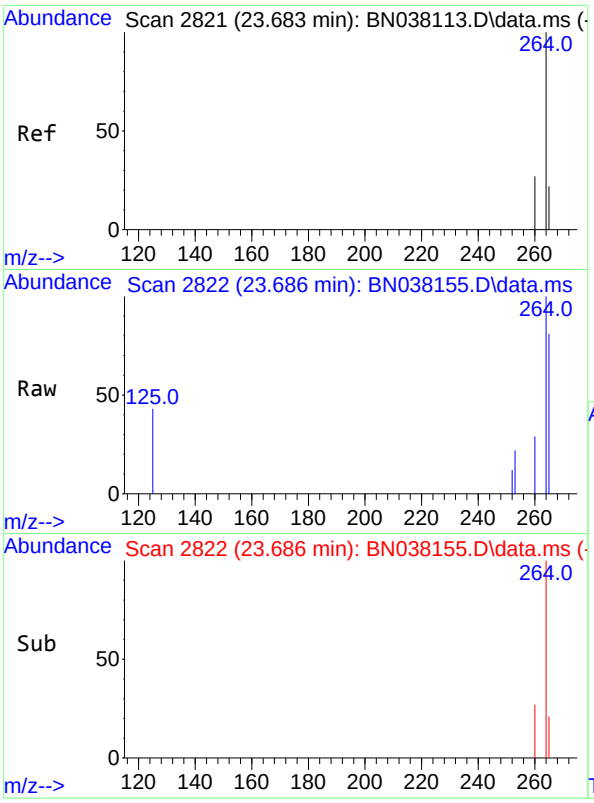


#34
Bis(2-ethylhexyl)phthalate
Concen: 2.682 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:149 Resp: 124078

Ion	Ratio	Lower	Upper
149	100		
167	23.9	21.1	31.7
279	3.1	2.9	4.3



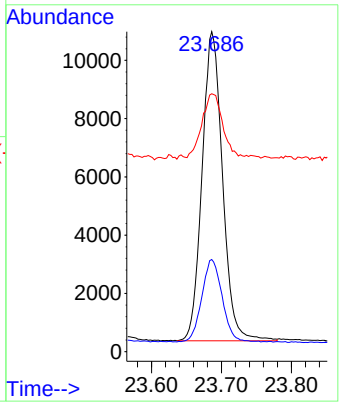


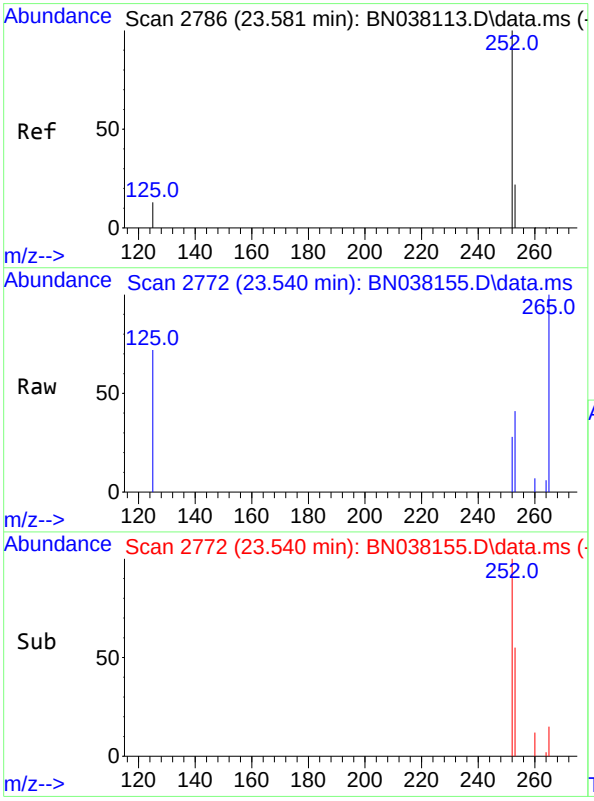
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Instrument :
BNA_N
ClientSampleId :
MW-EB-1

Tgt Ion:264 Resp: 21598

Ion	Ratio	Lower	Upper
264	100		
260	28.8	21.8	32.8
265	80.6	68.6	102.8





#39
Benzo(a)pyrene
Concen: 0.033 ng
RT: 23.540 min Scan# 2772
Delta R.T. -0.038 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:252 Resp: 2404

Ion	Ratio	Lower	Upper
252	100		
253	144.7	23.1	34.7#
125	254.2	18.6	28.0#