Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038161.D
Acq On : 07 Nov 2025 19:10
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-4

Quant Time: Nov 08 03:05:39 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	9584	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	31274	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	19621	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	29623	0.400	ng	#	0.00
29) Chrysene-d12	21.375	240	19333	0.400	ng	#	0.00
35) Perylene-d12	23.686	264	19622	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	6171	0.273	ng		0.00
5) Phenol-d6	6.937	99	4629	0.168	ng		0.00
8) Nitrobenzene-d5	8.928	82	9871	0.391	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	15980	0.358	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	2999	0.371	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	23813	0.303	ng		0.00
27) Fluoranthene-d10	19.220	212	20328	0.272	ng		0.00
31) Terphenyl-d14	19.819	244	19095	0.455	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	686645	69.340	ng		99
3) n-Nitrosodimethylamine	3.608	42	280	0.022	ng	#	1
6) bis(2-Chloroethyl)ether	7.248	93	1941	0.072	ng	#	22
9) Naphthalene	10.626	128	164673	1.912	ng		99
12) 2-Methylnaphthalene	12.248	142	204766	3.565	ng		99
16) Acenaphthylene	14.152	152	2656	0.030	ng	#	57
17) Acenaphthene	14.494	154	59416	0.956	ng		97
18) Fluorene	15.489	166	41980	0.515	ng	#	92
20) 4,6-Dinitro-2-methylph...	15.535	198	424	0.259	ng	#	1
23) Atrazine	16.602	200	401	0.028	ng	#	1
25) Phenanthrene	17.223	178	65665	0.698	ng	#	96
26) Anthracene	17.223	178	65198	0.792	ng		97
28) Fluoranthene	19.252	202	5689	0.054	ng	#	68
30) Pyrene	19.615	202	4584	0.053	ng	#	63
34) Bis(2-ethylhexyl)phtha...	21.304	149	14269	0.393	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
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Acq On : 07 Nov 2025 19:10
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_N
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Quant Time: Nov 08 03:05:39 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
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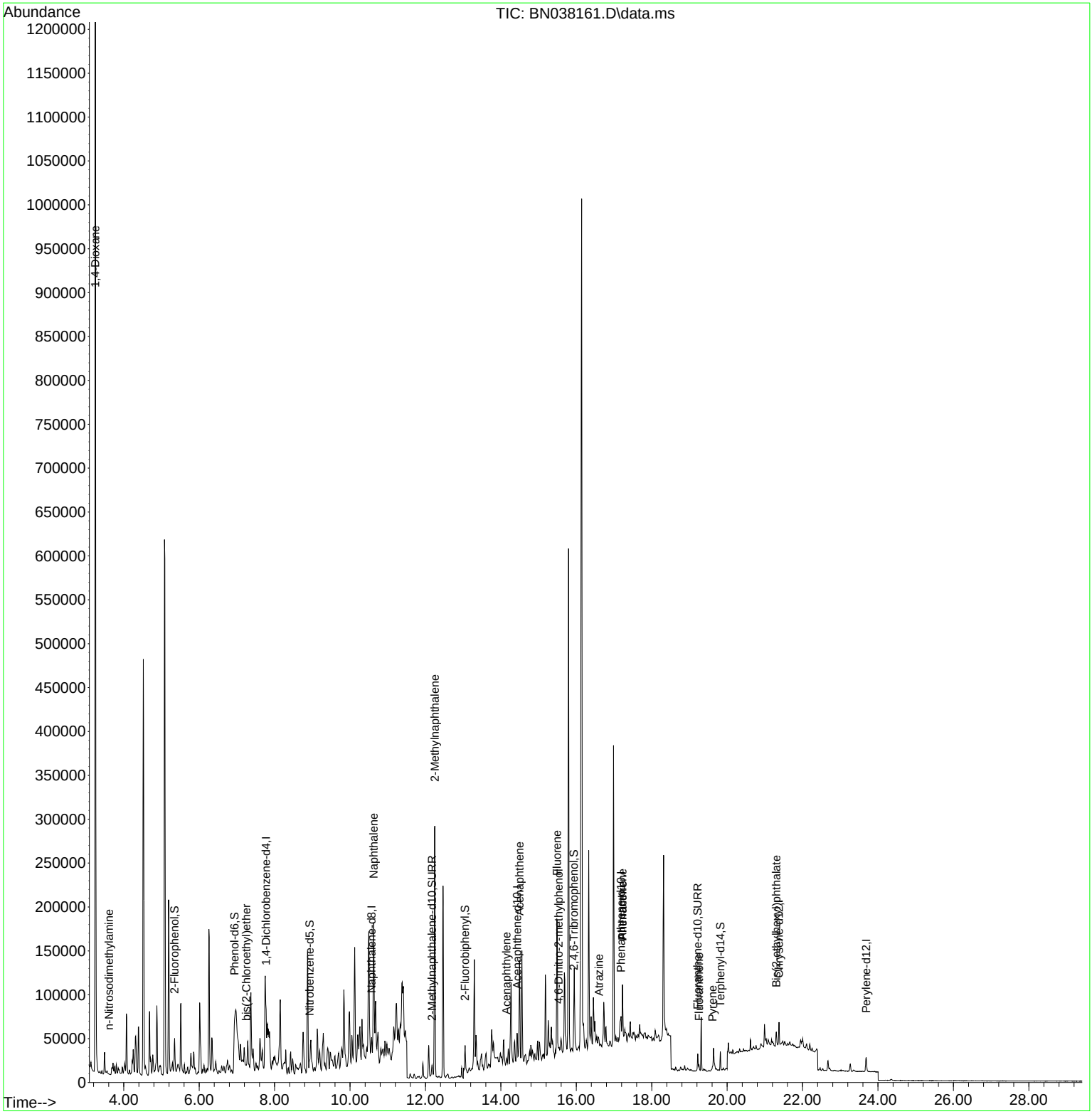
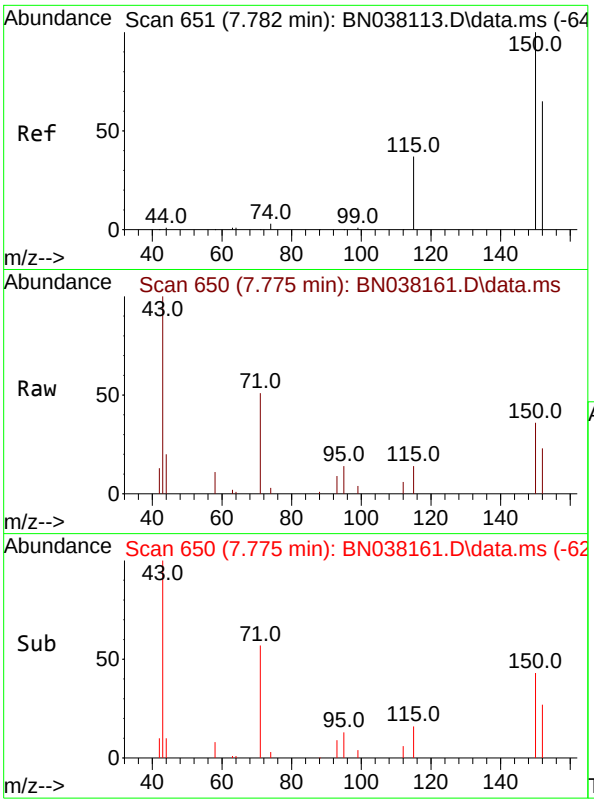


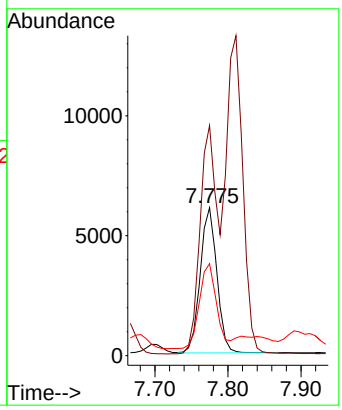


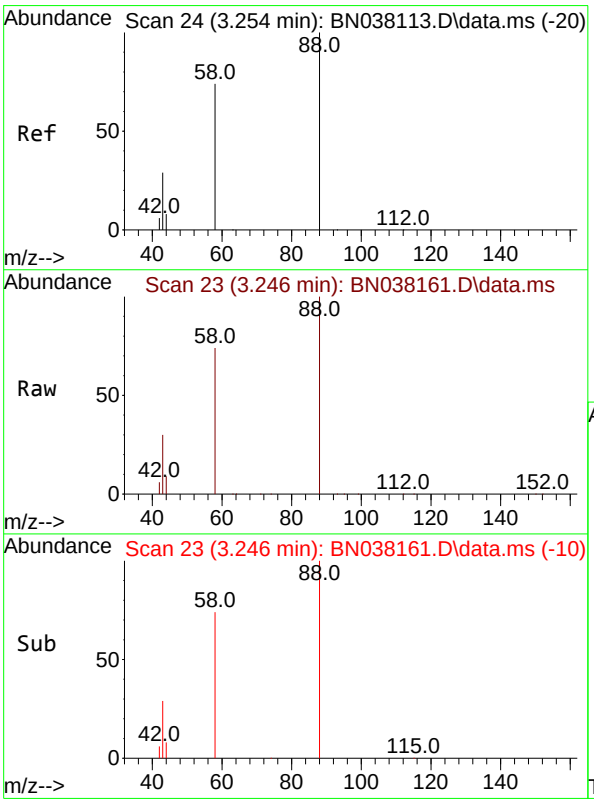
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 9584

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.3	183.5
115	62.1	47.4	71.0

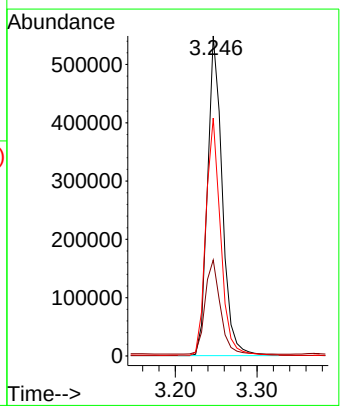


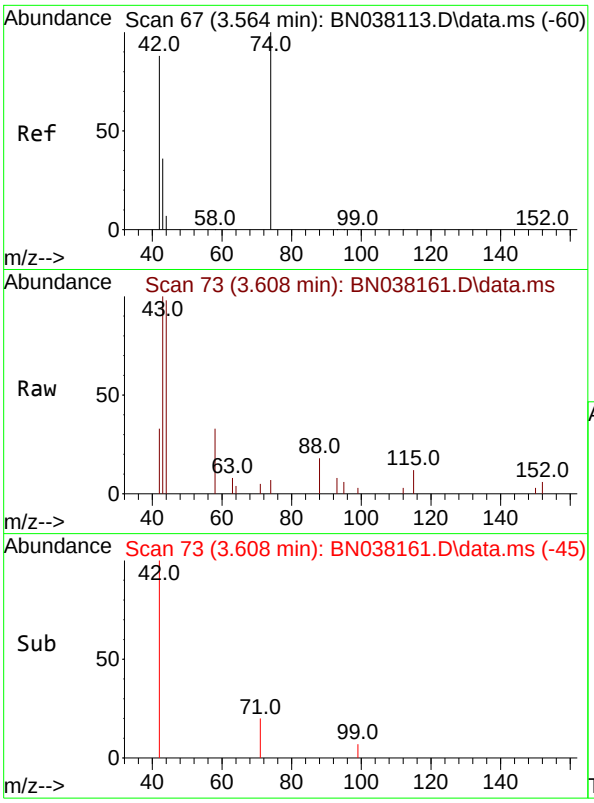


#2
1,4-Dioxane
Concen: 69.340 ng
RT: 3.246 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion: 88 Resp: 686645

Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.3	36.5
58	74.1	60.4	90.6



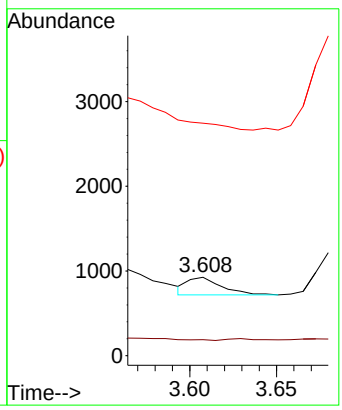


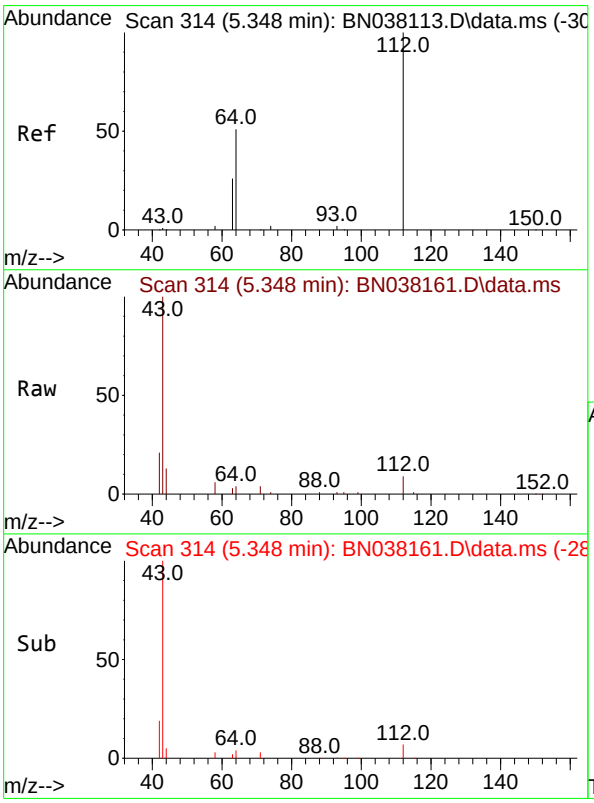
#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.608 min Scan# 7
Delta R.T. 0.050 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion: 42 Resp: 280

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

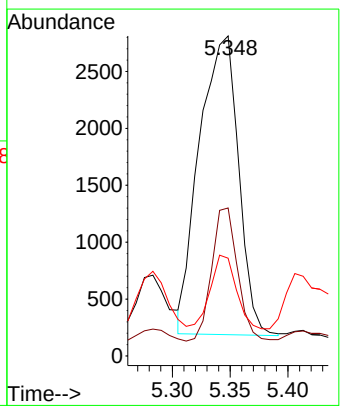


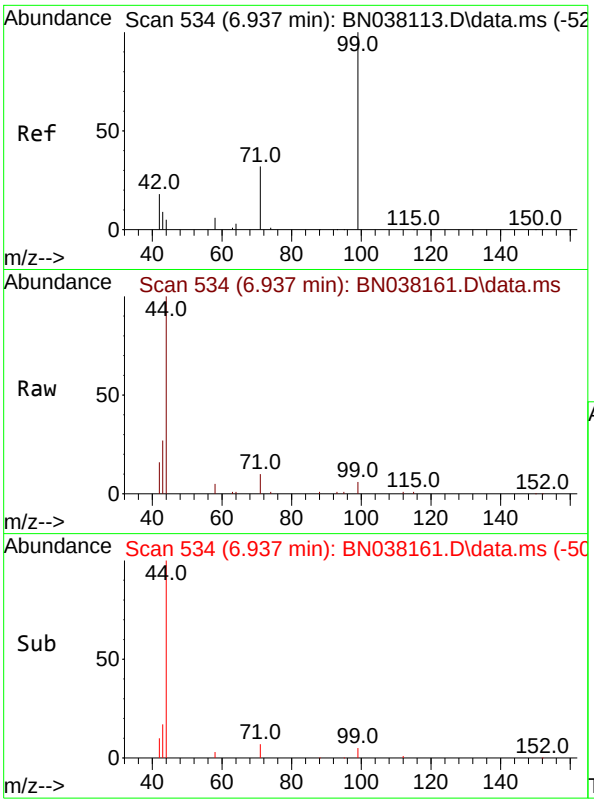


#4
2-Fluorophenol
Concen: 0.273 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:112 Resp: 6171

Ion	Ratio	Lower	Upper
112	100		
64	30.8	45.4	68.0#
63	18.2	23.2	34.8#



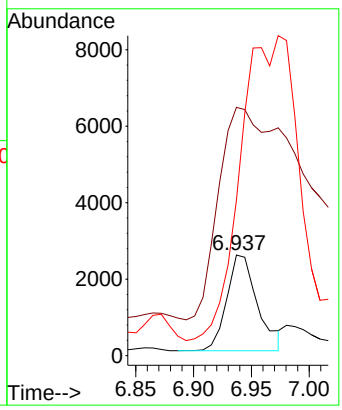


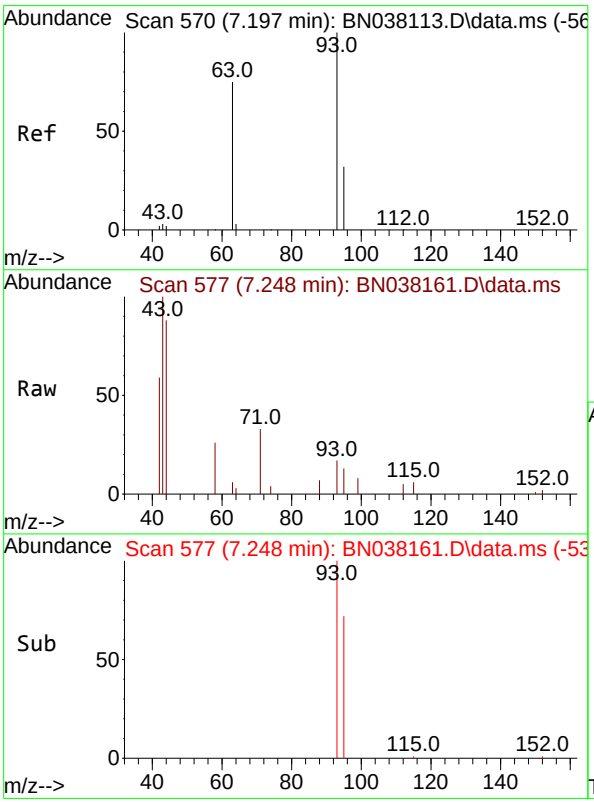
#5
Phenol-d6
Concen: 0.168 ng
RT: 6.937 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 4629

Ion	Ratio	Lower	Upper
99	100		
42	748.7	16.6	24.8#
71	0.0	25.4	38.2#

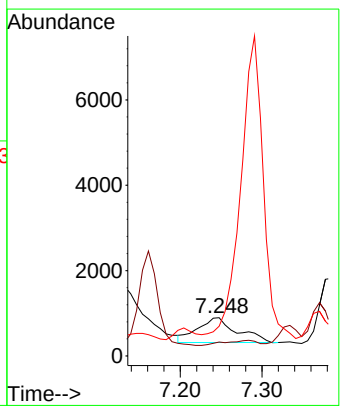


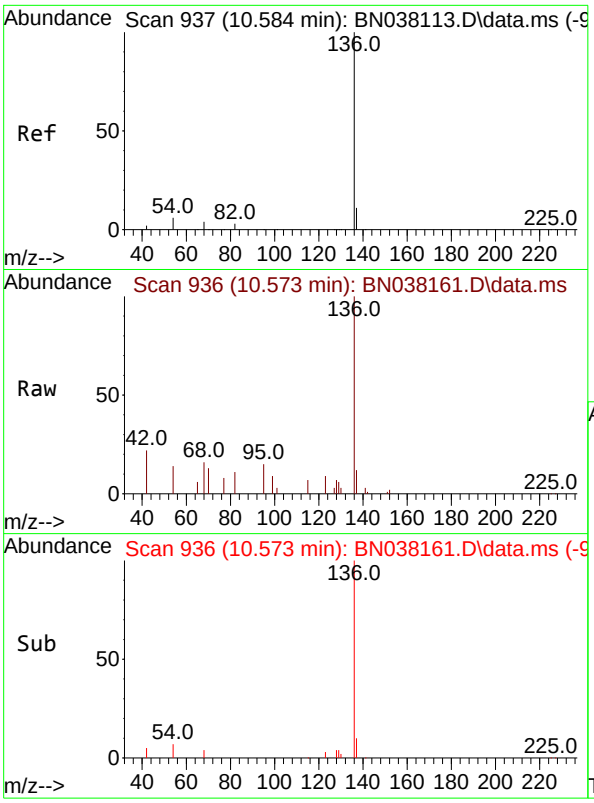


#6
bis(2-Chloroethyl)ether
Concen: 0.072 ng
RT: 7.248 min Scan# 577
Delta R.T. 0.050 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion: 93 Resp: 1941

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



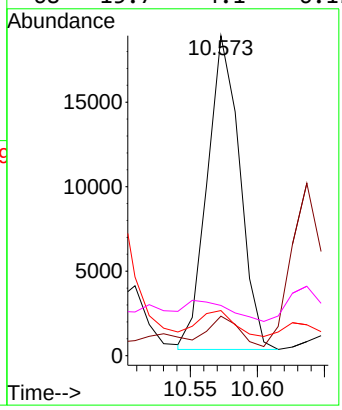


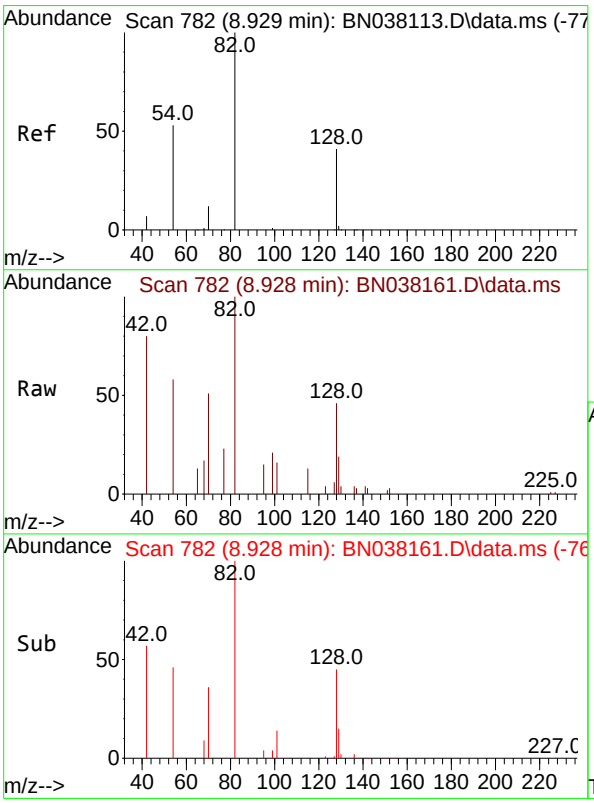
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:136 Resp: 31274

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.4
54	14.1	5.2	7.8#
68	15.7	4.1	6.1#

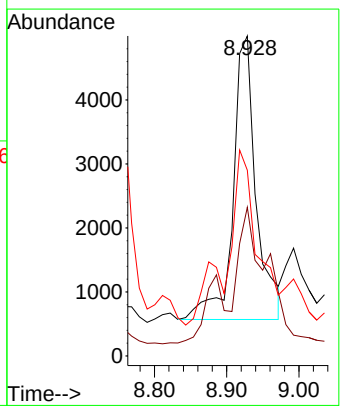


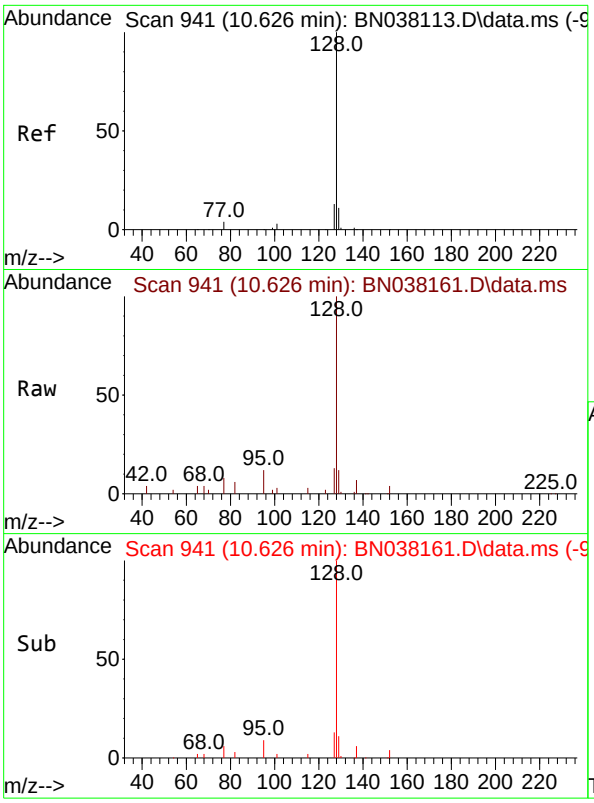


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.928 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion: 82 Resp: 9871

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.1	51.1
54	58.1	43.5	65.3



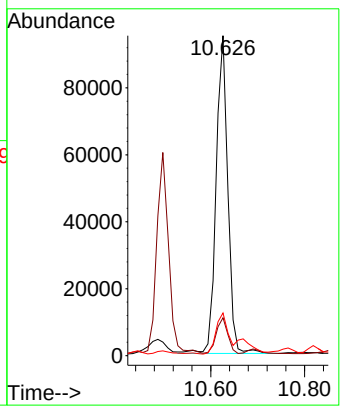


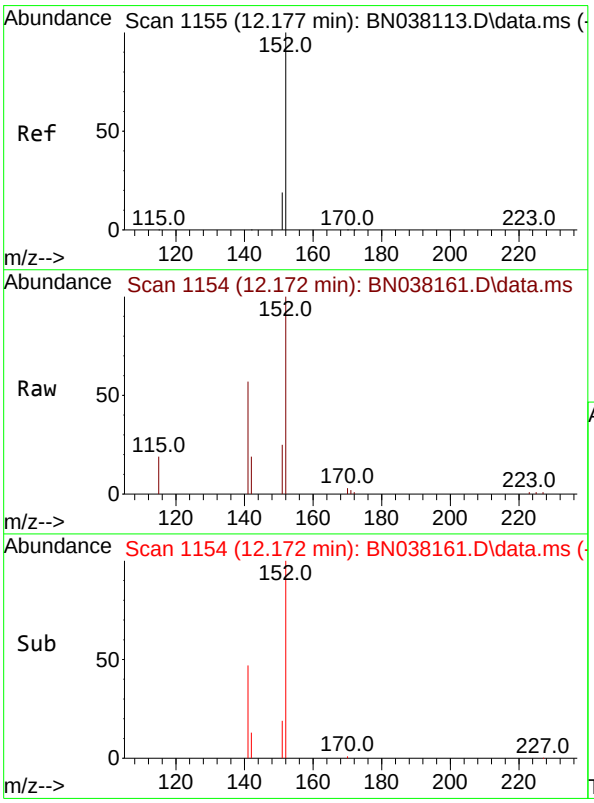
#9
Naphthalene
Concen: 1.912 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:128 Resp: 164673

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.4	10.5	15.7

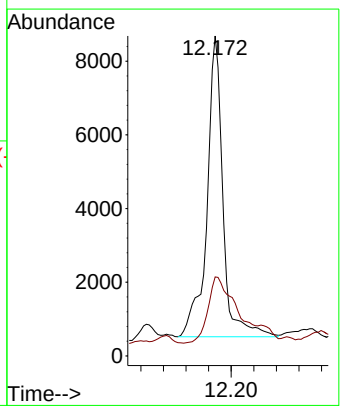


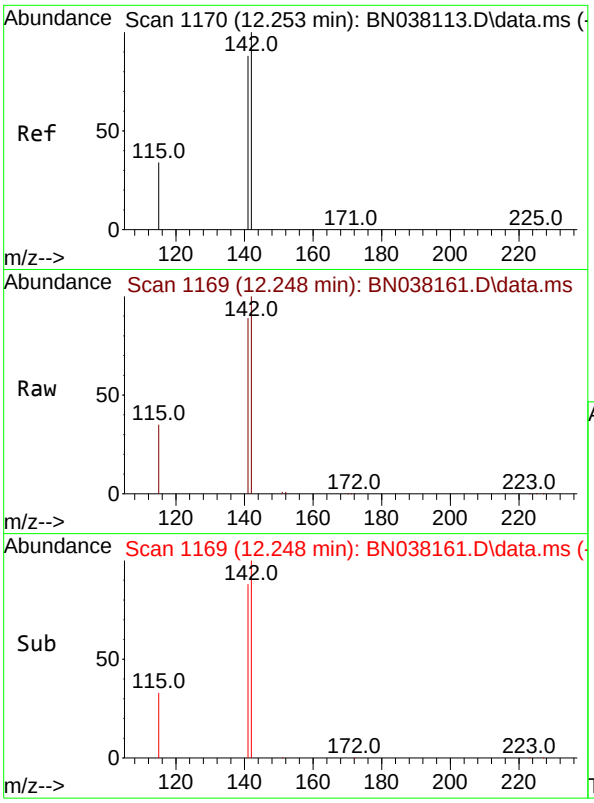


#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:152 Resp: 15980

Ion	Ratio	Lower	Upper
152	100		
151	39.4	16.8	25.2#



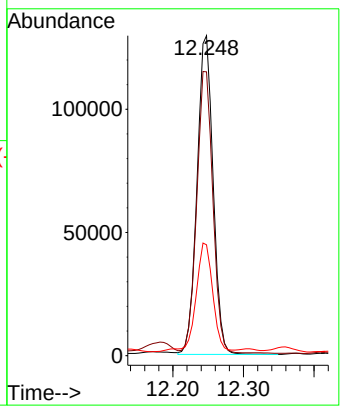


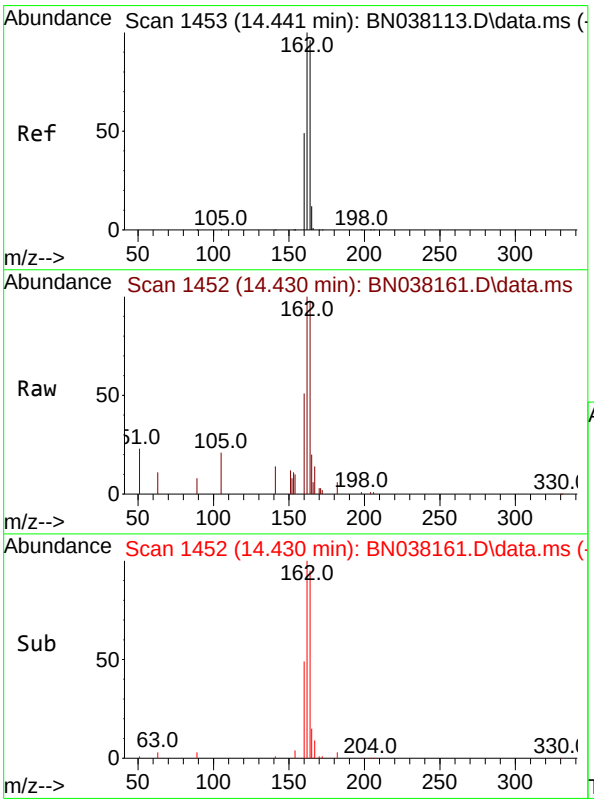
#12
2-Methylnaphthalene
Concen: 3.565 ng
RT: 12.248 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:142 Resp: 204766

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	34.7	27.8	41.6

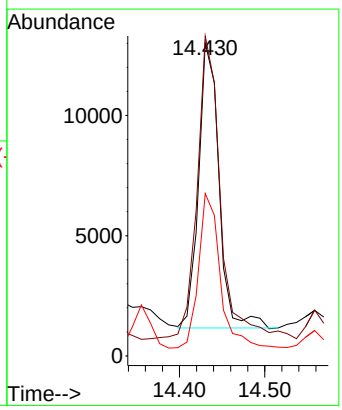


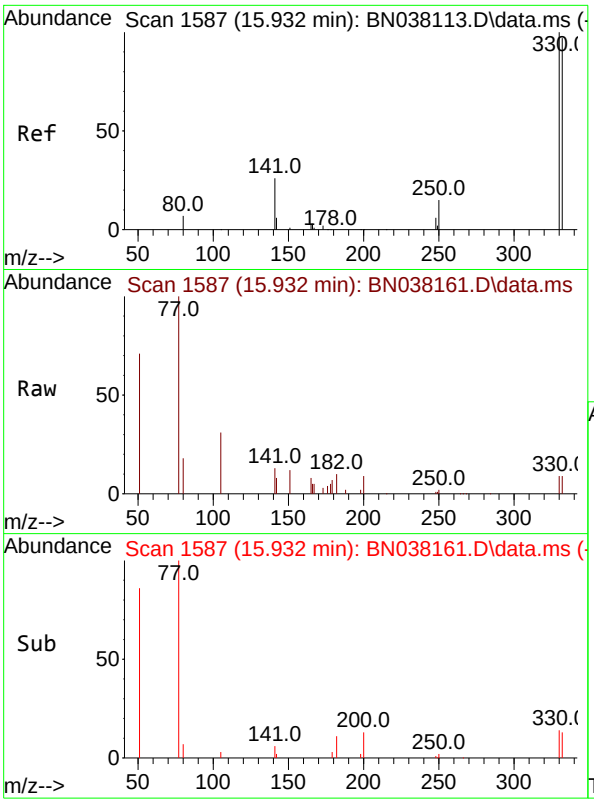


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:164 Resp: 19621

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.4
160	51.9	40.7	61.1



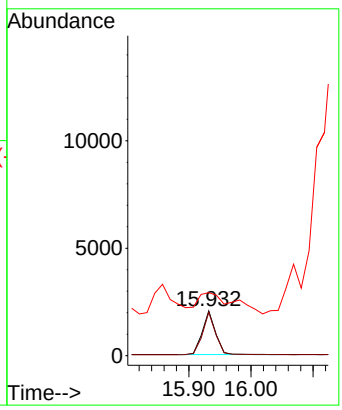


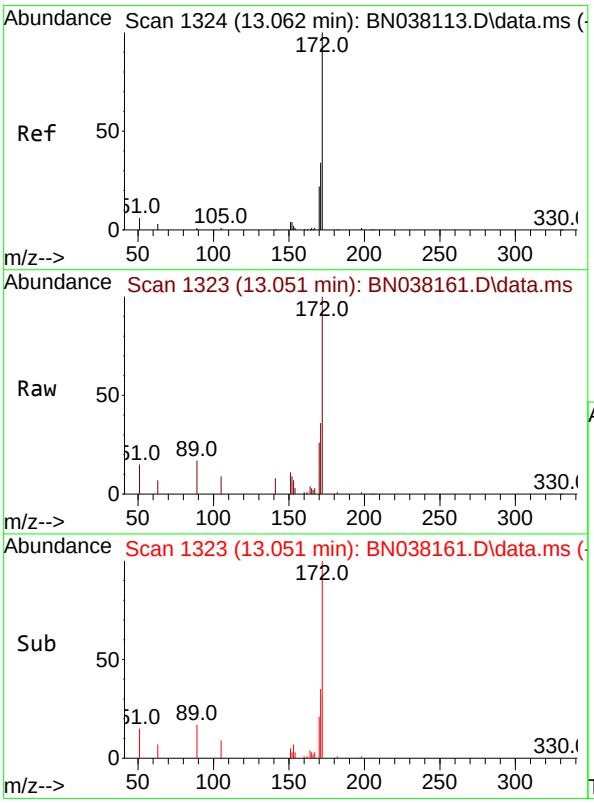
#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.932 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:330 Resp: 2999

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	139.8	34.1	51.1#

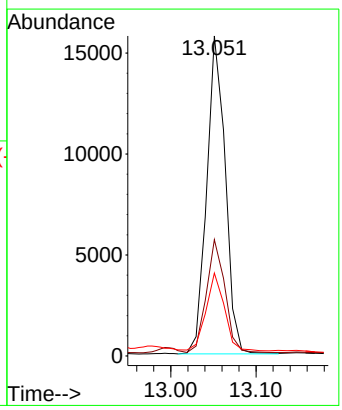


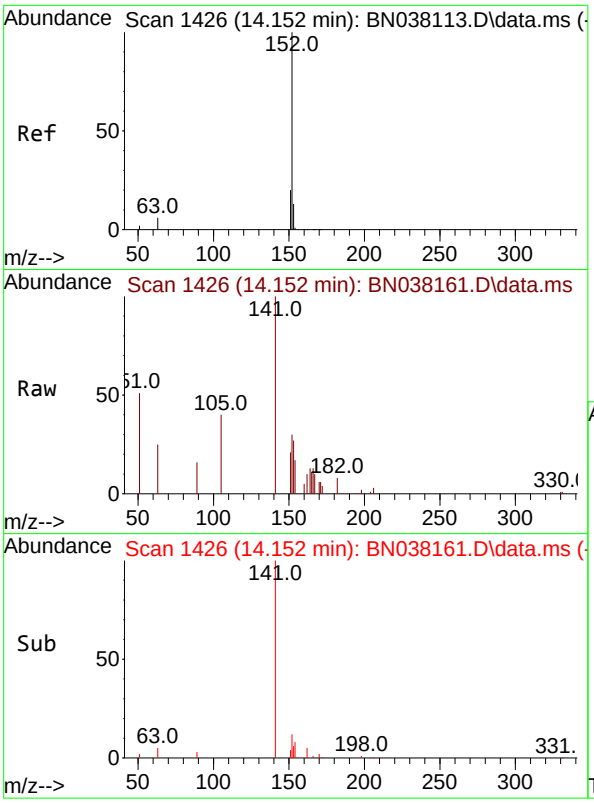


#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:172 Resp: 23813

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	25.9	18.1	27.1



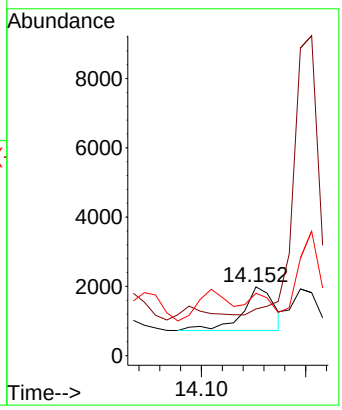


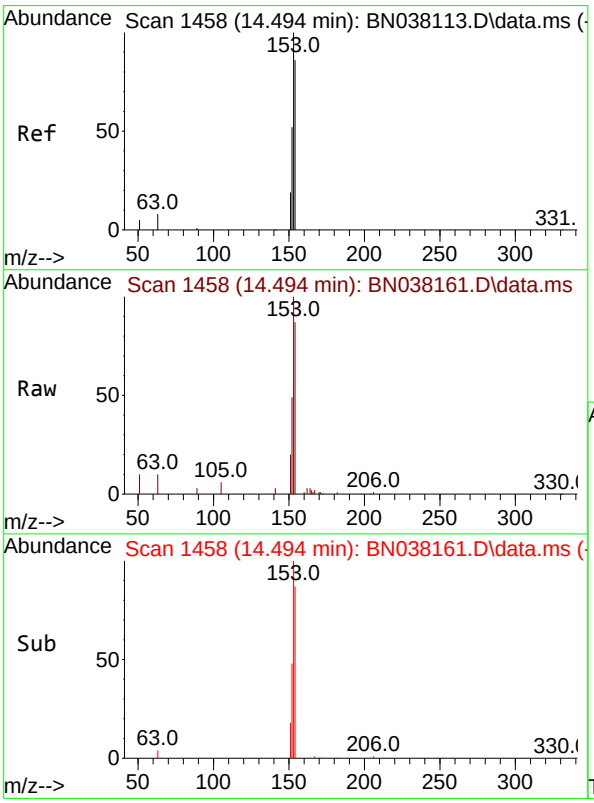
#16
Acenaphthylene
Concen: 0.030 ng
RT: 14.152 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 2656

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.8	23.8#
153	29.2	10.2	15.2#

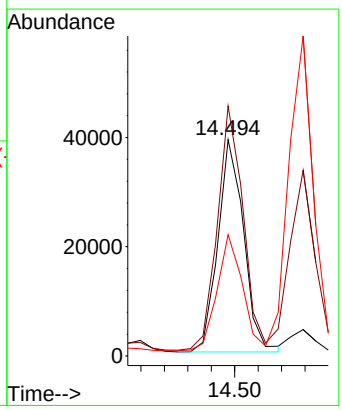


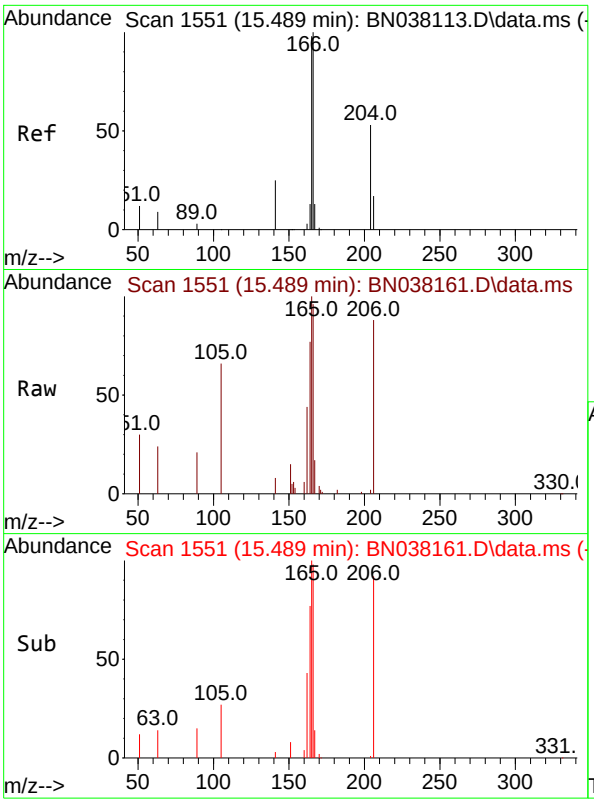


#17
Acenaphthene
Concen: 0.956 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:154 Resp: 59416

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.0	135.0
152	53.9	47.3	70.9



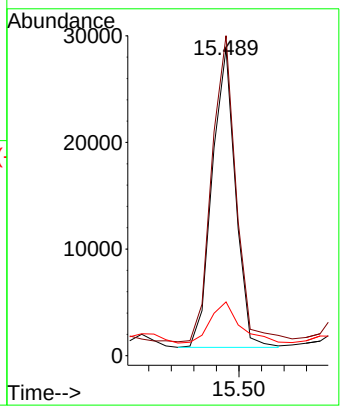


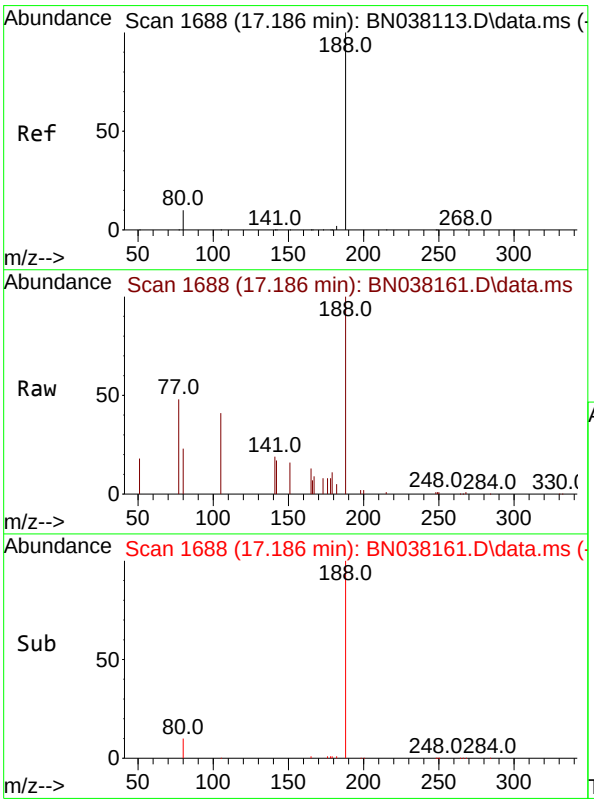
#18
Fluorene
Concen: 0.515 ng
RT: 15.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:166 Resp: 41980

Ion	Ratio	Lower	Upper
166	100		
165	106.4	79.0	118.4
167	17.3	10.7	16.1#

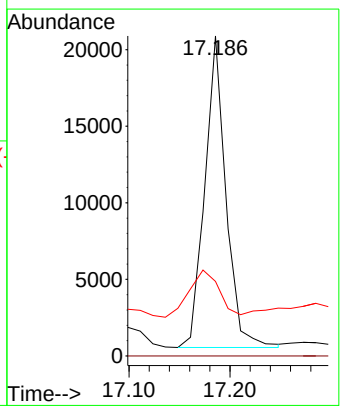


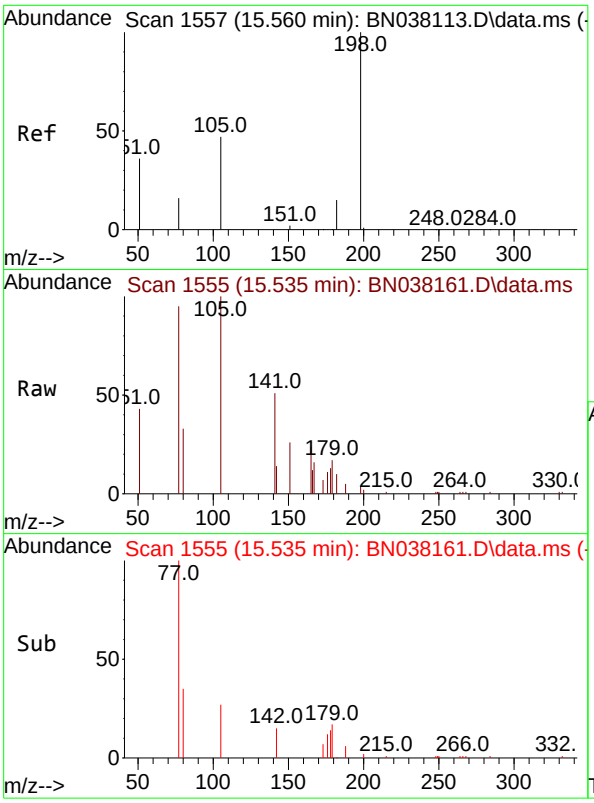


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:188 Resp: 29623

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	23.3	8.6	13.0#



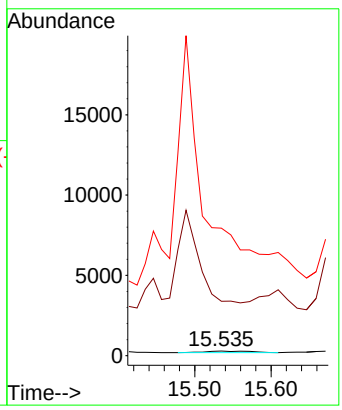


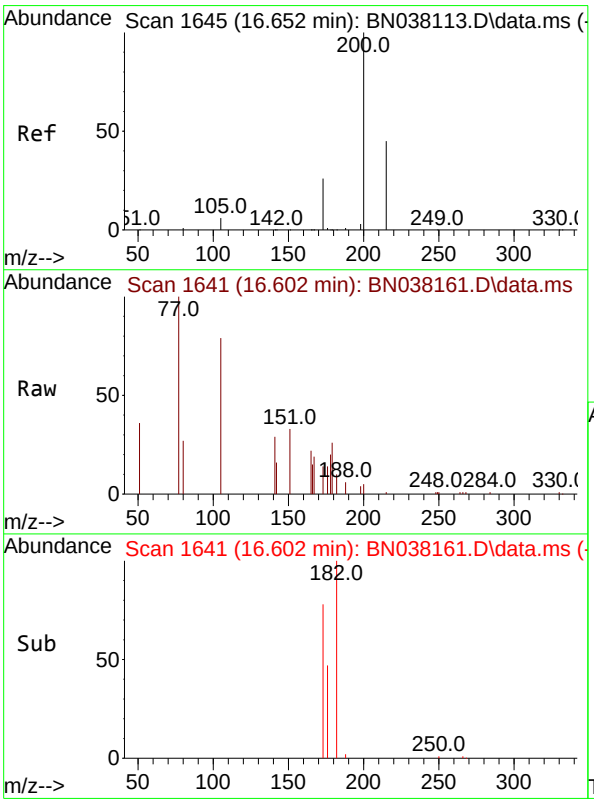
#20
4,6-Dinitro-2-methylphenol
Concen: 0.259 ng
RT: 15.535 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:198 Resp: 424

Ion	Ratio	Lower	Upper
198	100		
51	1165.6	88.9	133.3#
105	2727.5	49.2	73.8#

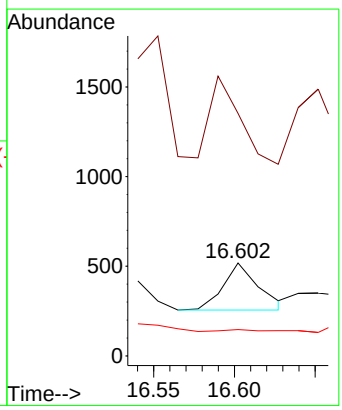


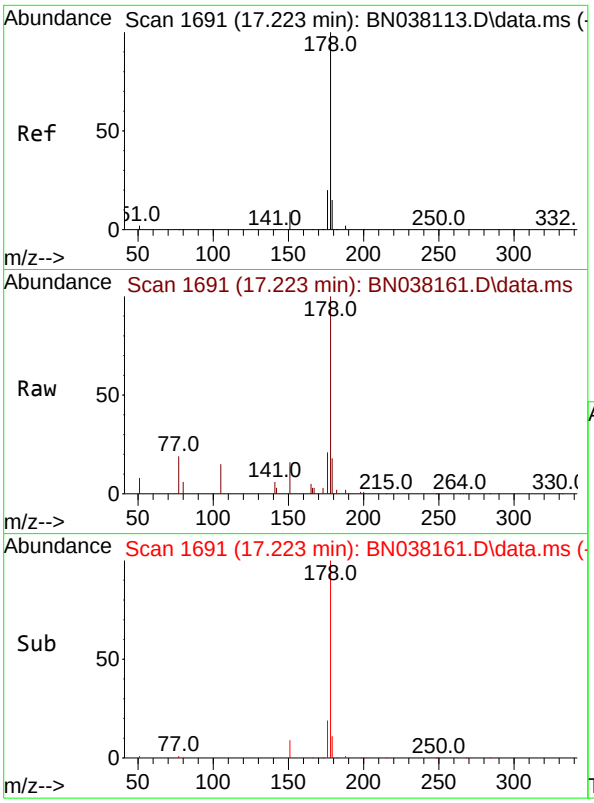


#23
Atrazine
Concen: 0.028 ng
RT: 16.602 min Scan# 1641
Delta R.T. -0.050 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:200 Resp: 401

Ion	Ratio	Lower	Upper
200	100		
173	261.2	21.4	32.2#
215	28.4	36.7	55.1#



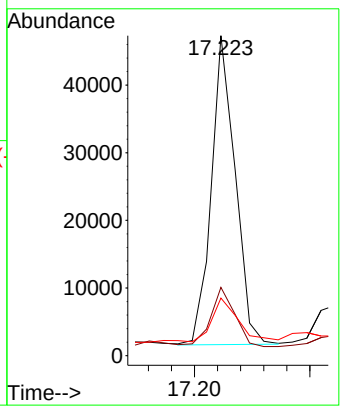


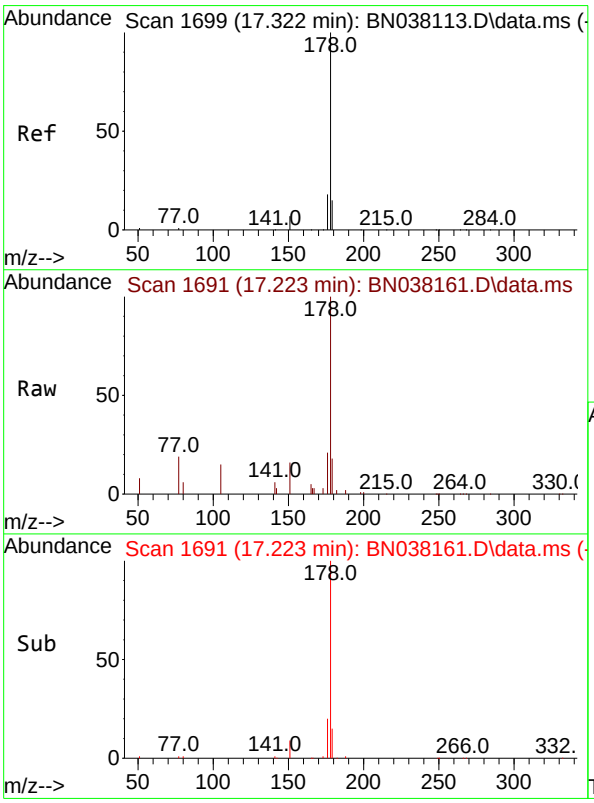
#25
Phenanthrene
Concen: 0.698 ng
RT: 17.223 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:178 Resp: 65665

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	19.0	12.2	18.4#

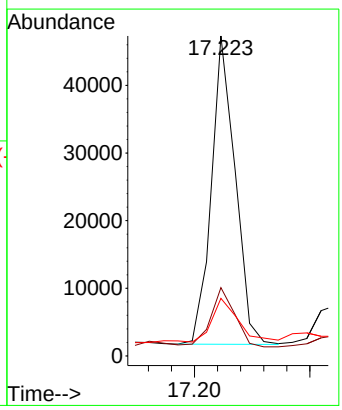


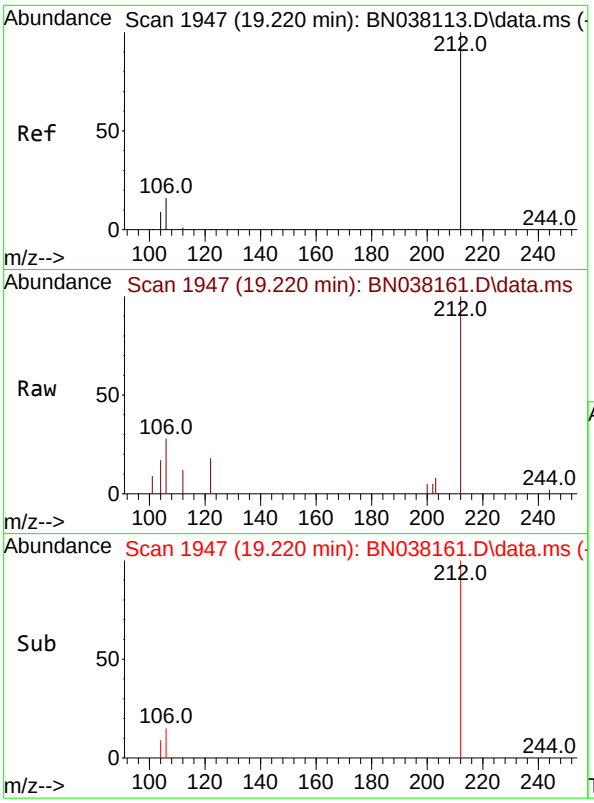


#26
Anthracene
Concen: 0.792 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.099 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:178 Resp: 65198

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	17.0	11.8	17.8



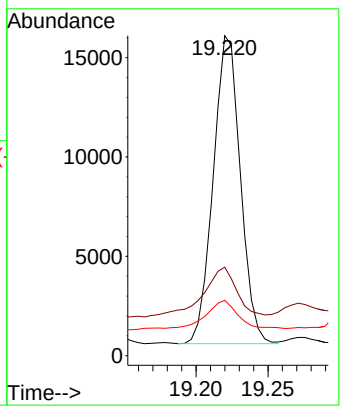


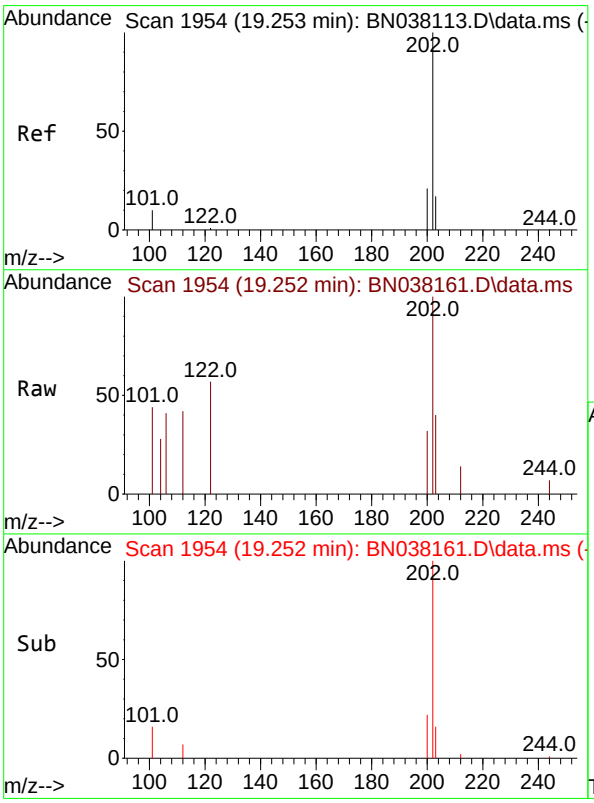
#27
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.220 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:212 Resp: 20328

Ion	Ratio	Lower	Upper
212	100		
106	20.5	12.6	19.0#
104	15.2	7.1	10.7#

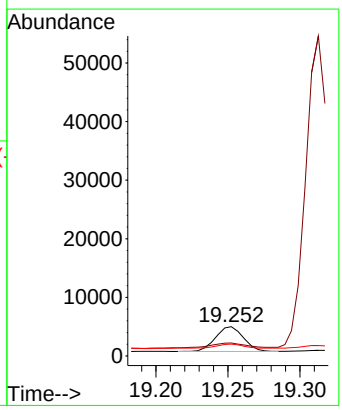


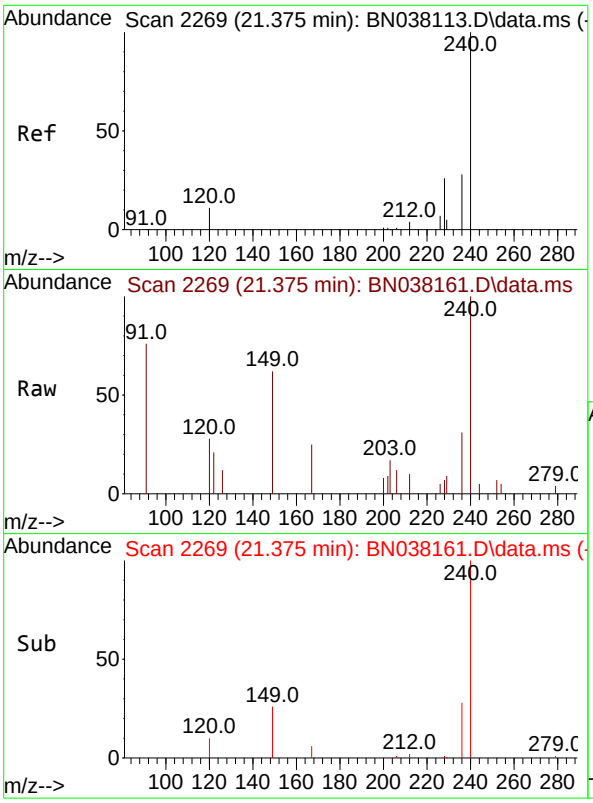


#28
Fluoranthene
Concen: 0.054 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:202 Resp: 5689

Ion	Ratio	Lower	Upper
202	100		
101	36.4	9.4	14.2#
203	20.9	13.4	20.2#



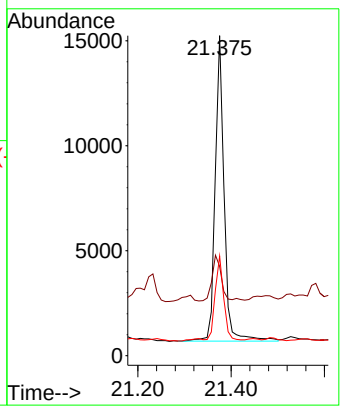


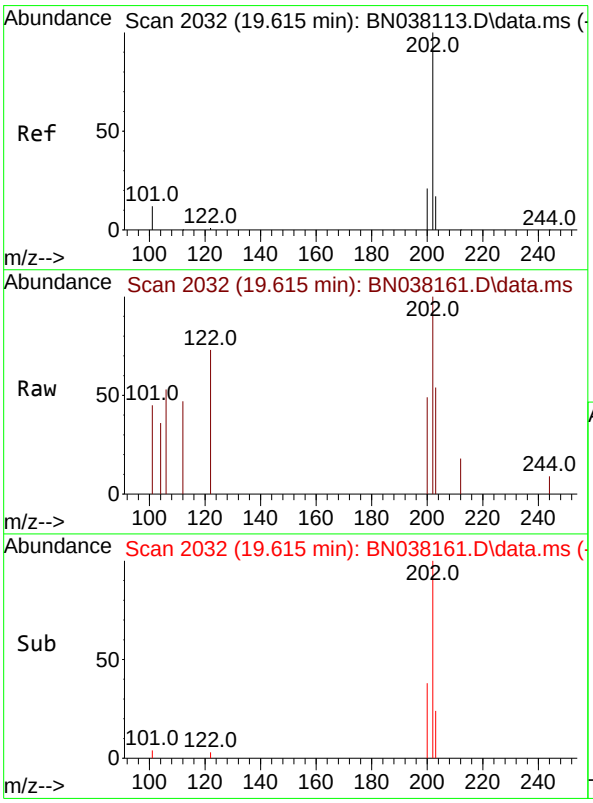
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:240 Resp: 19333

Ion	Ratio	Lower	Upper
240	100		
120	27.9	10.7	16.1#
236	31.2	23.1	34.7

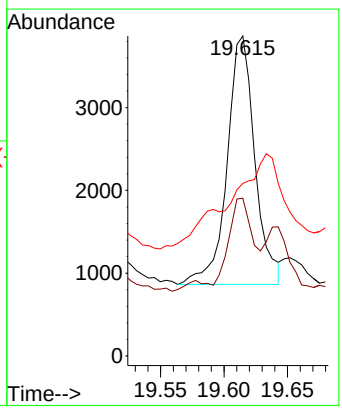


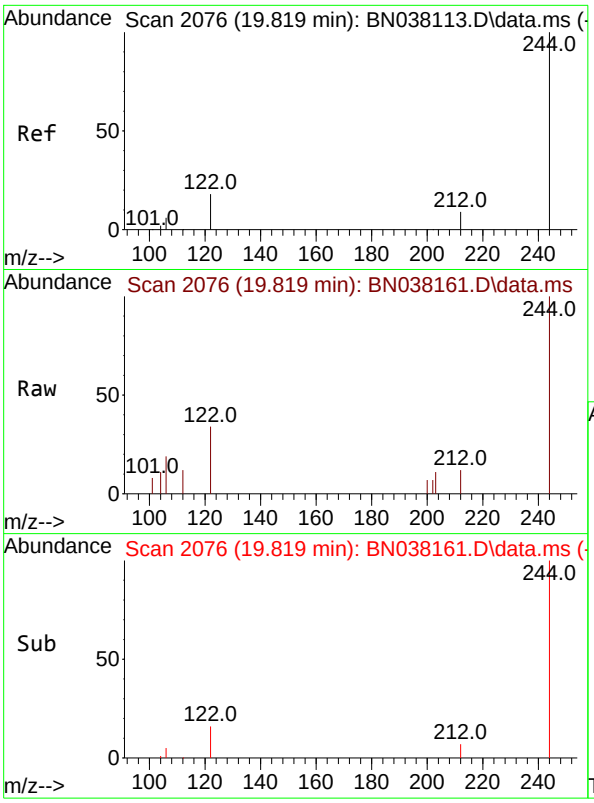


#30
Pyrene
Concen: 0.053 ng
RT: 19.615 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:202 Resp: 4584

Ion	Ratio	Lower	Upper
202	100		
200	37.2	16.7	25.1#
203	0.0	14.2	21.2#



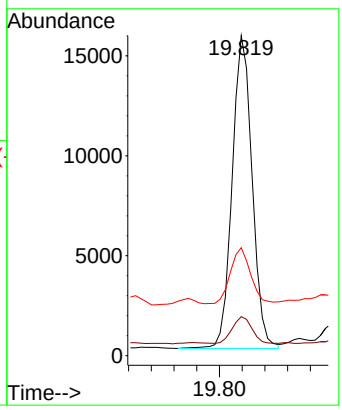


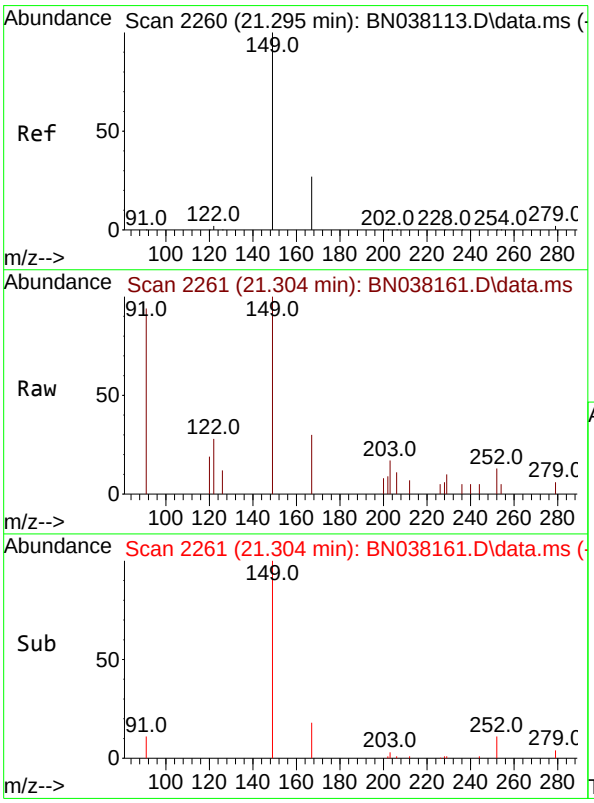
#31
Terphenyl-d14
Concen: 0.455 ng
RT: 19.819 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:244 Resp: 19095

Ion	Ratio	Lower	Upper
244	100		
212	12.2	7.8	11.6#
122	33.8	15.2	22.8#

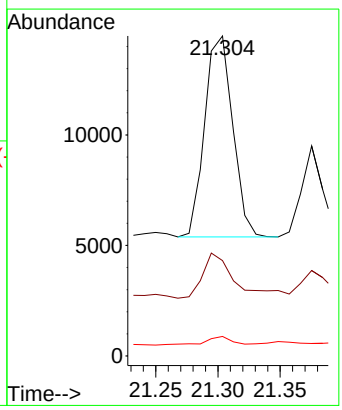


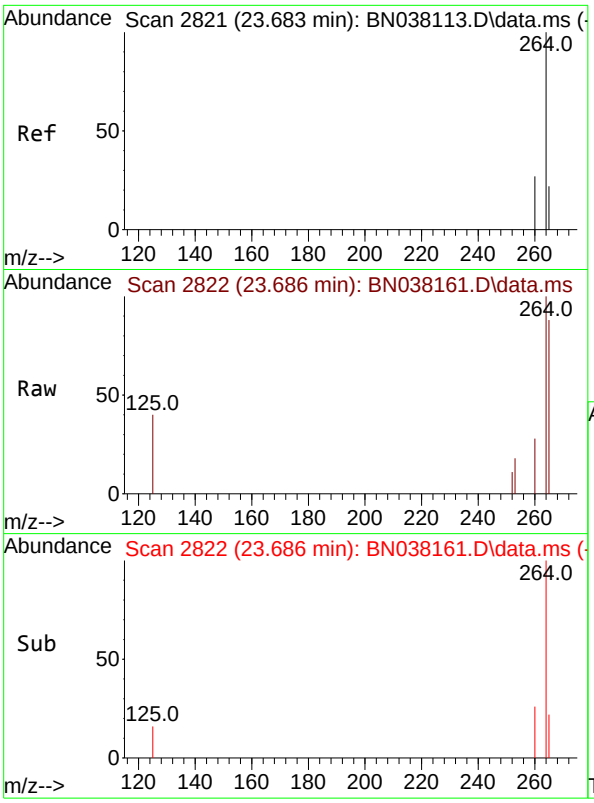


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN038161.D
Acq: 07 Nov 2025 19:10

Tgt Ion:149 Resp: 14269

Ion	Ratio	Lower	Upper
149	100		
167	24.1	21.1	31.7
279	3.9	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: BN038161.D
Acq: 07 Nov 2025 19:10

Instrument :
BNA_N
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 19622

Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.8	32.8
265	87.9	68.6	102.8