Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038438.D
Acq On : 16 Dec 2025 12:37
Operator : RC/JU
Sample : Q3840-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Quant Time: Dec 16 13:01:55 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	4614	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12349	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6517	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	12394	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9507	0.400	ng	0.00
35) Perylene-d12	23.619	264	9562	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1323	0.115	ng	0.00
5) Phenol-d6	6.879	99	929	0.068	ng	0.00
8) Nitrobenzene-d5	8.865	82	3094	0.297	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	4681	0.269	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	781	0.270	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	11047	0.352	ng	-0.01
27) Fluoranthene-d10	19.174	212	11207	0.366	ng	-0.01
31) Terphenyl-d14	19.778	244	8757	0.413	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	868	0.164	ng	# 47
25) Phenanthrene	17.173	178	889	0.021	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.259	149	1493	0.074	ng	# 98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
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Misc :
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Quant Time: Dec 16 13:01:55 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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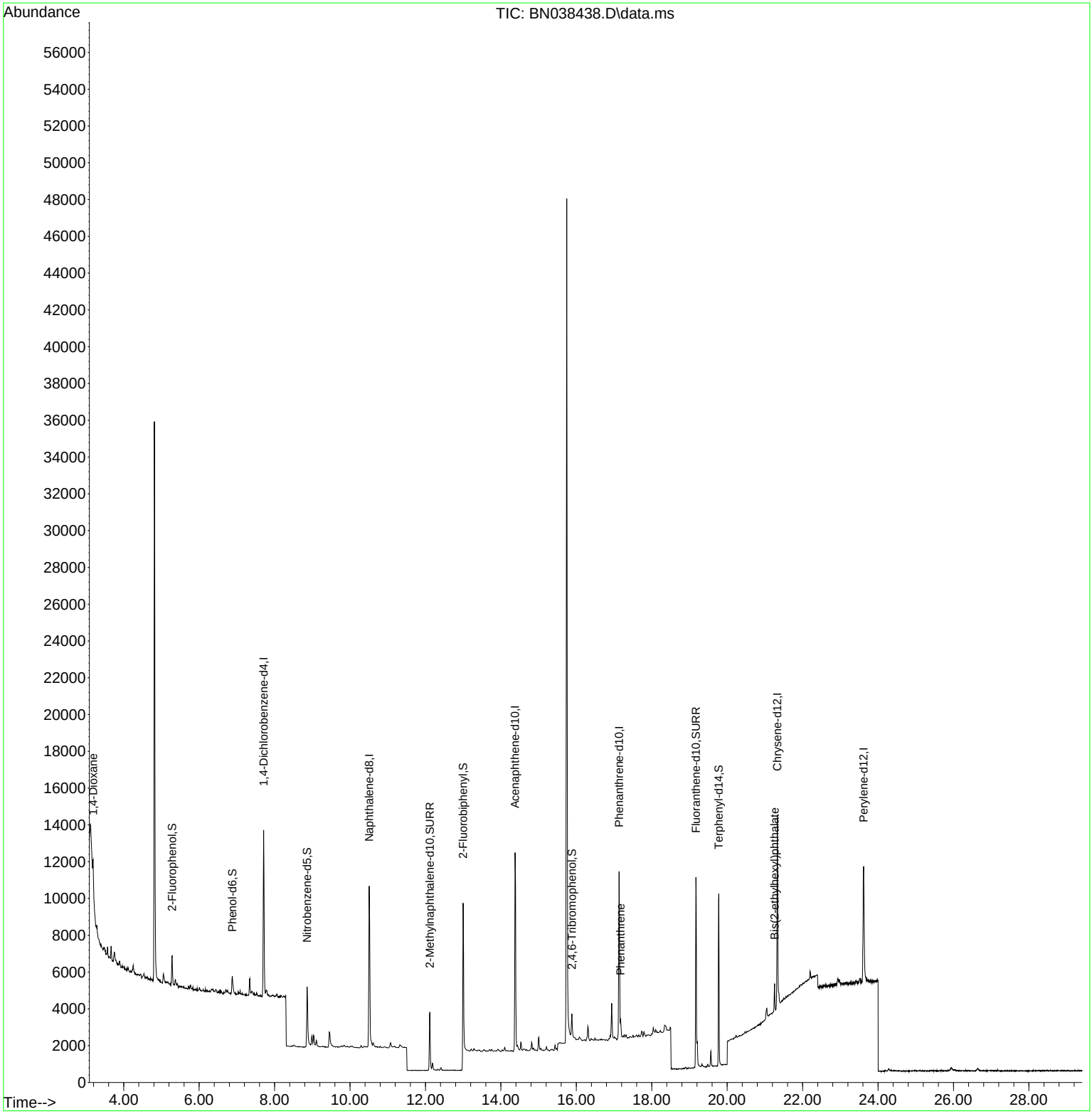
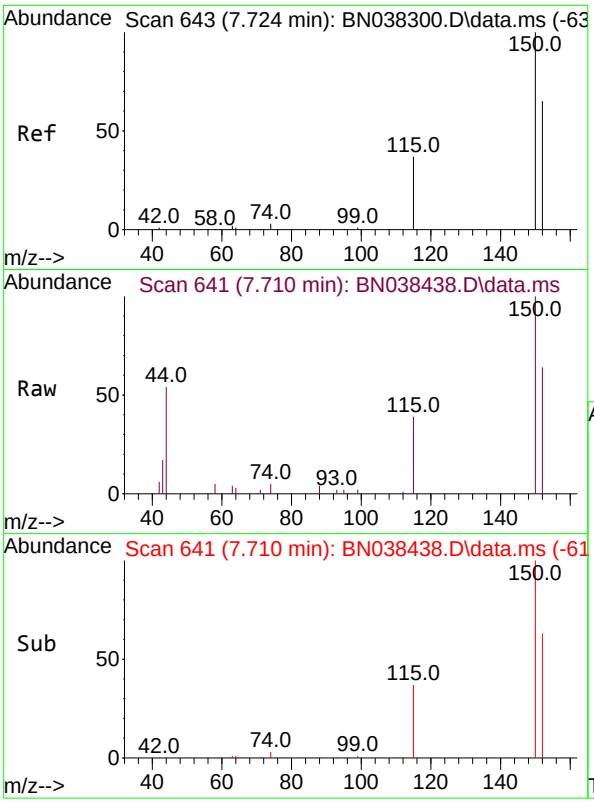


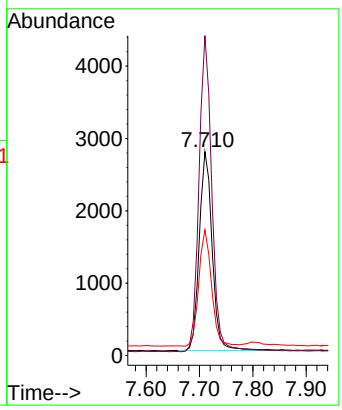


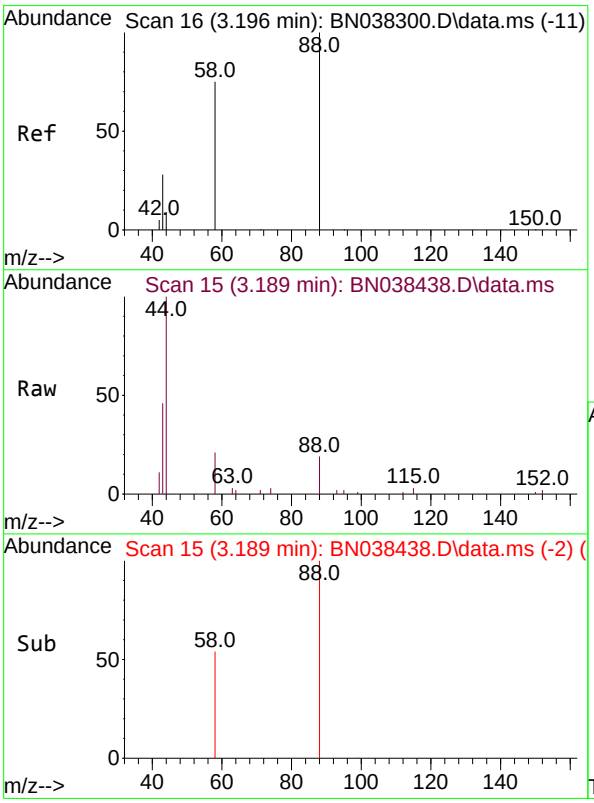
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Tgt Ion:152 Resp: 4614

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.4	183.6
115	61.7	47.3	70.9

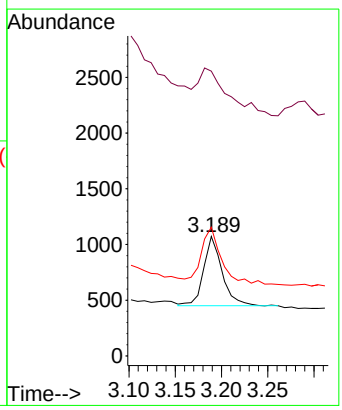


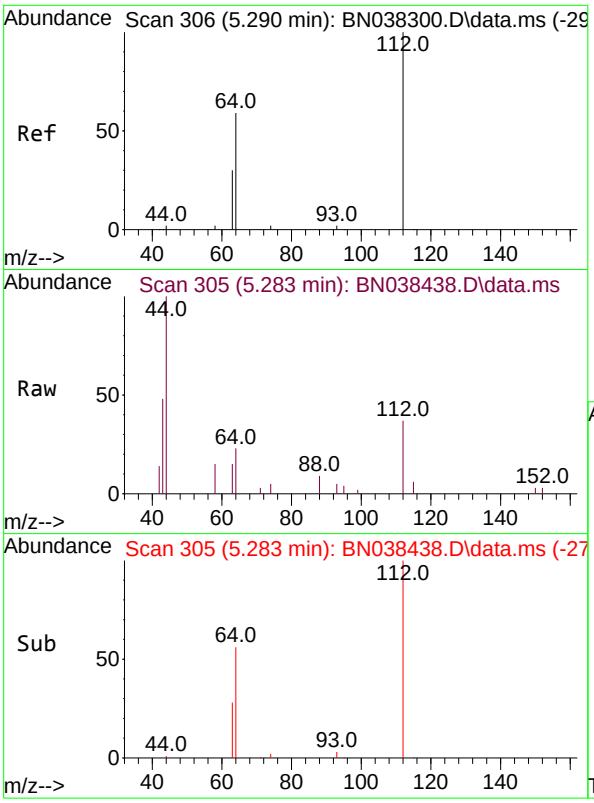


#2
1,4-Dioxane
Concen: 0.164 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion: 88 Resp: 868

Ion	Ratio	Lower	Upper
88	100		
43	109.7	24.9	37.3#
58	90.6	61.4	92.0



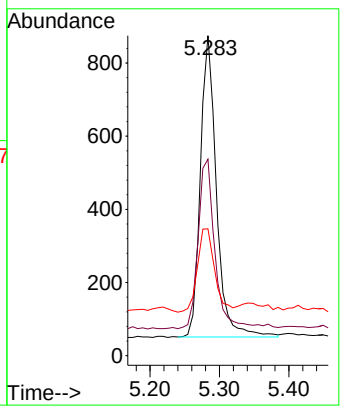


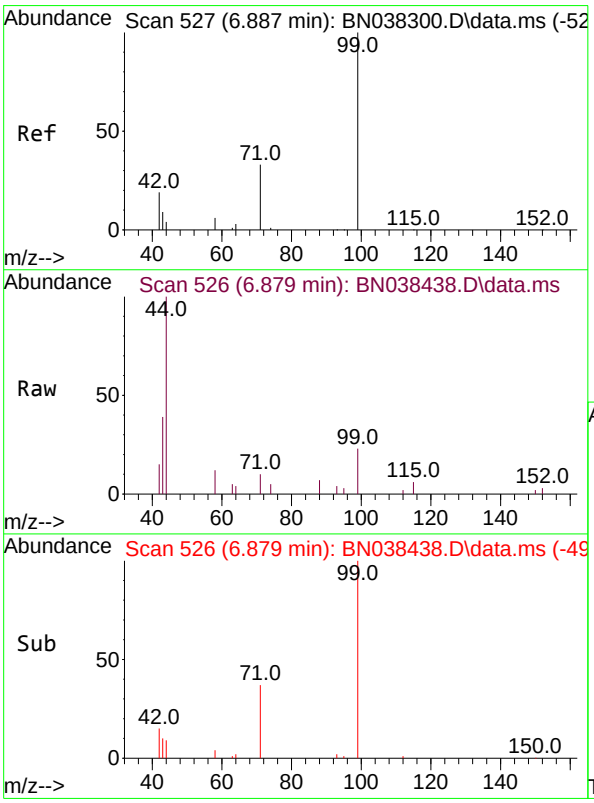
#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.283 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Tgt Ion:112 Resp: 1323

Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.4	66.6
63	29.7	23.4	35.0

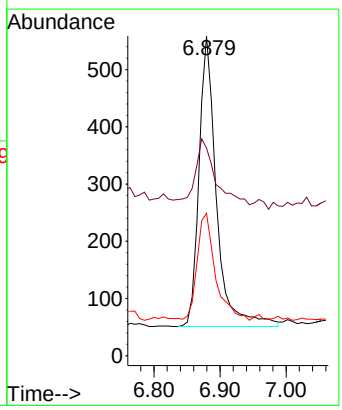


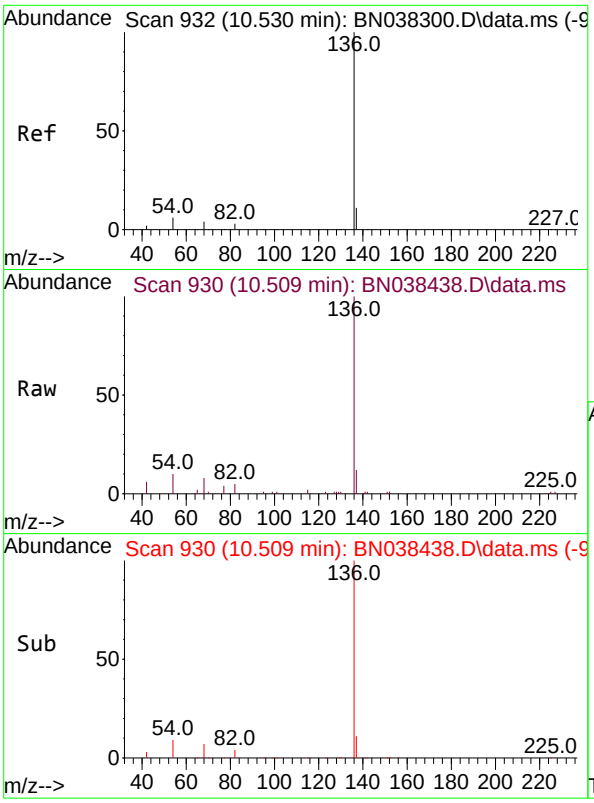


#5
Phenol-d6
Concen: 0.068 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion: 99 Resp: 929

Ion	Ratio	Lower	Upper
99	100		
42	25.4	16.5	24.7#
71	38.5	24.9	37.3#



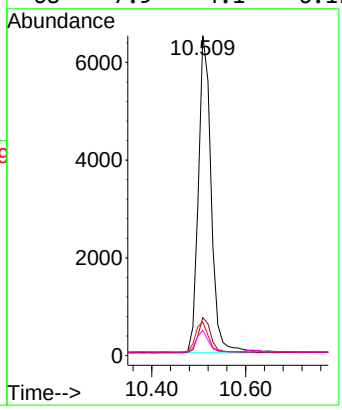


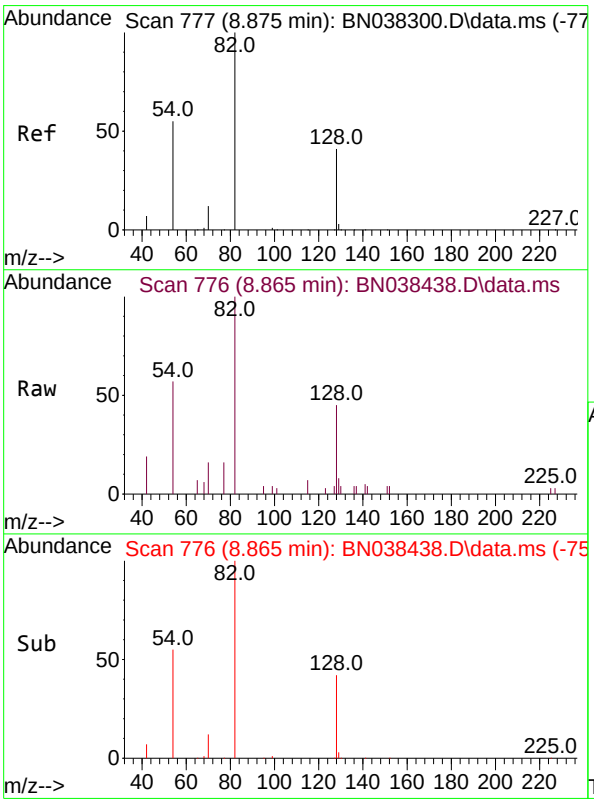
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Tgt Ion:136 Resp: 12349

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.5	5.2	7.8#
68	7.9	4.1	6.1#

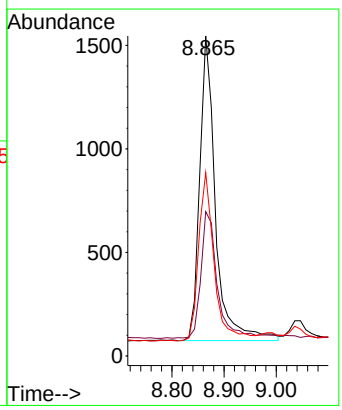


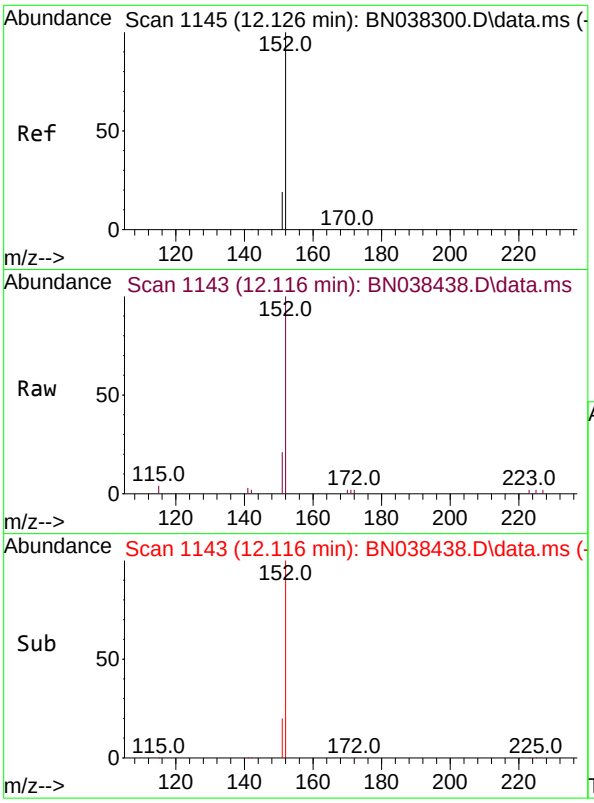


#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion: 82 Resp: 3094

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	57.3	44.4	66.6



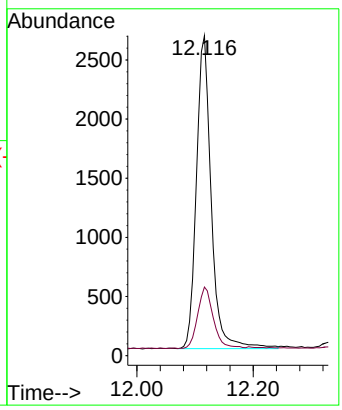


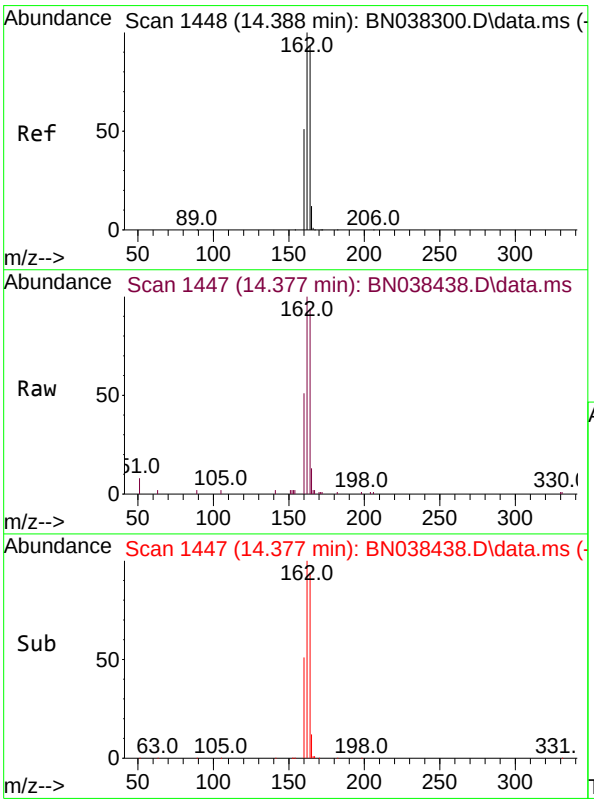
#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.116 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Tgt Ion:152 Resp: 4681

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.6

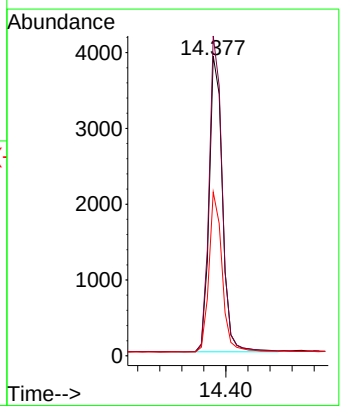


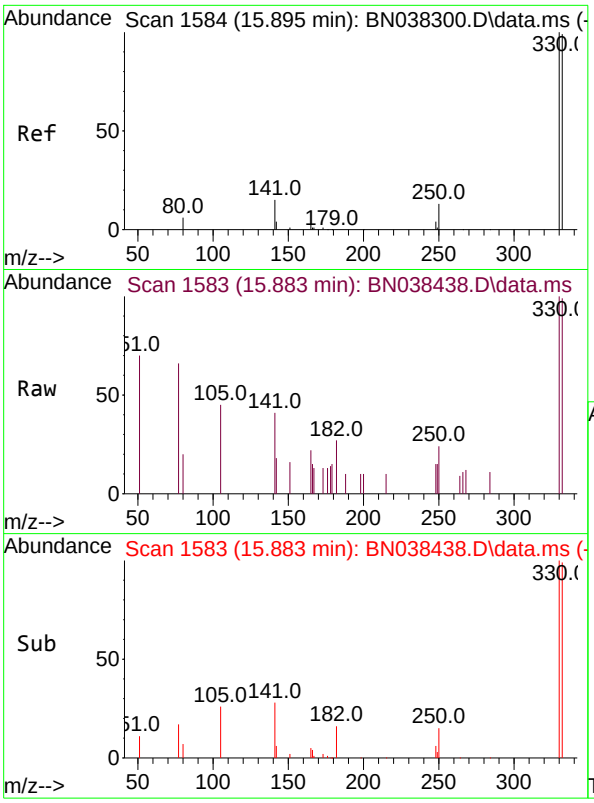


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:164 Resp: 6517

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.2	129.4
160	54.6	44.6	67.0



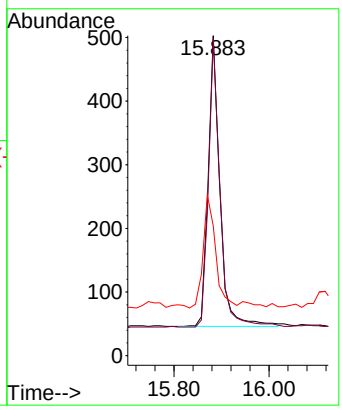


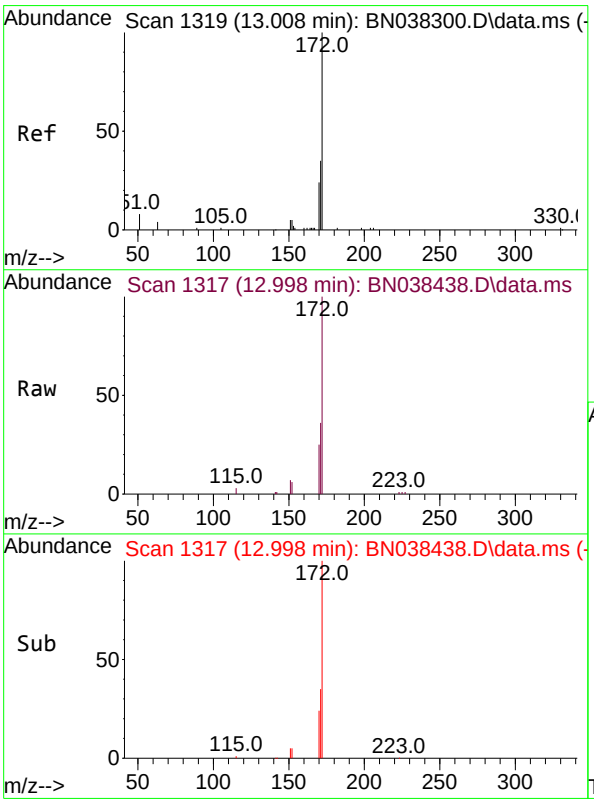
#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.883 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Tgt Ion:330 Resp: 781

Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.8	113.6
141	41.2	31.8	47.8

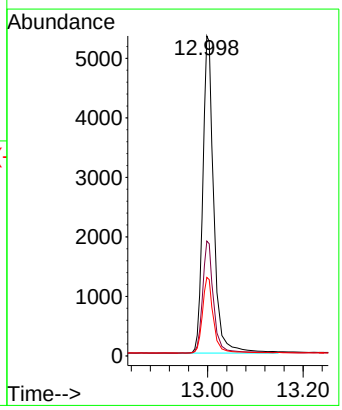


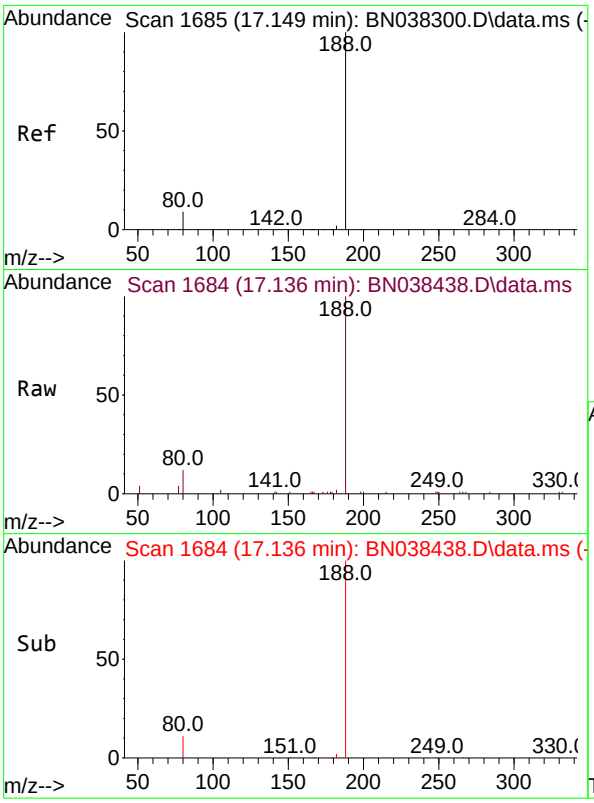


#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.998 min Scan# 1317
Delta R.T. -0.010 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:172 Resp: 11047

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.5	19.3	28.9



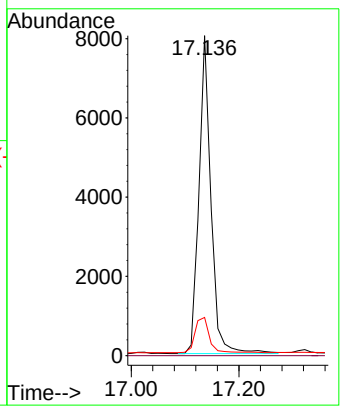


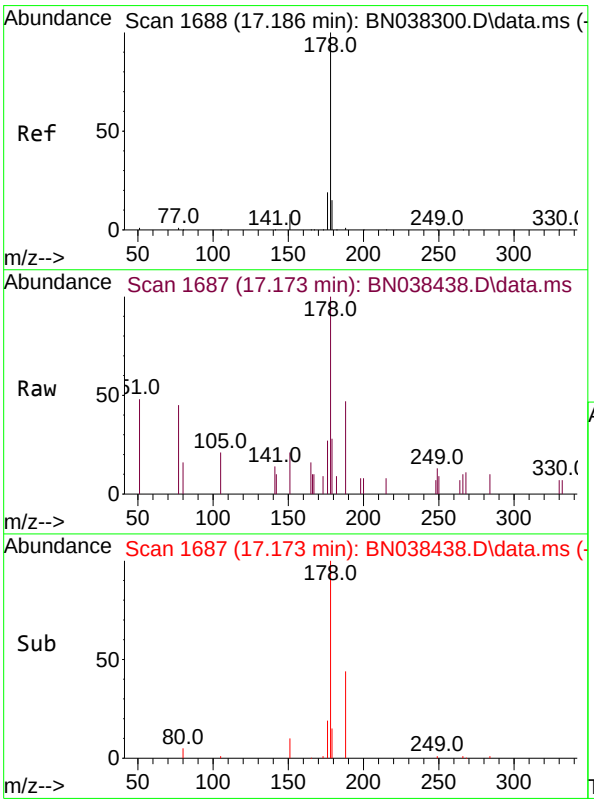
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Tgt Ion:188 Resp: 12394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	7.4	11.0#

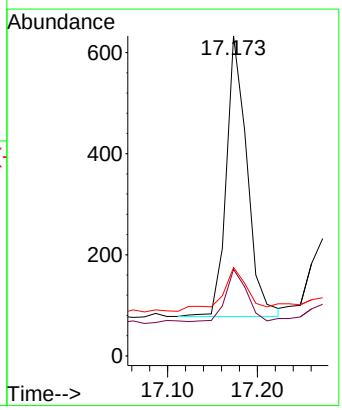


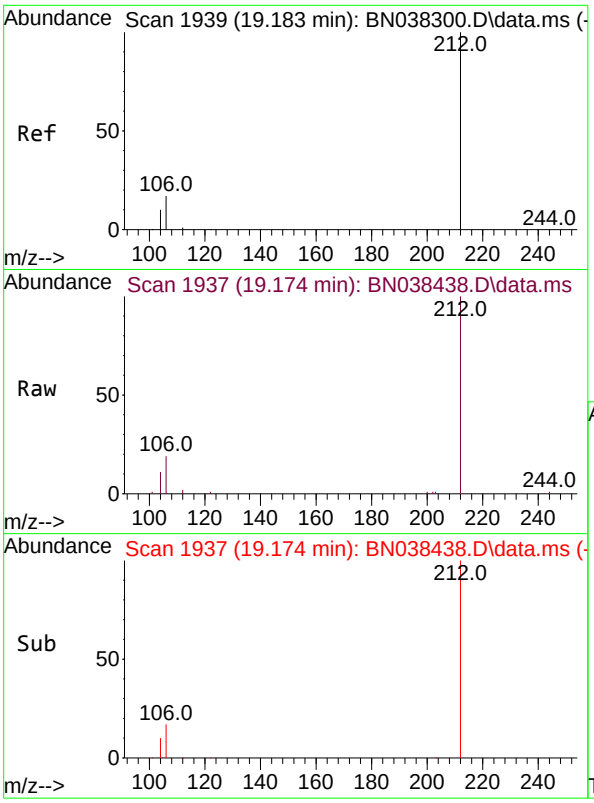


#25
Phenanthrene
Concen: 0.021 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:178 Resp: 889

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	20.4	12.2	18.2#



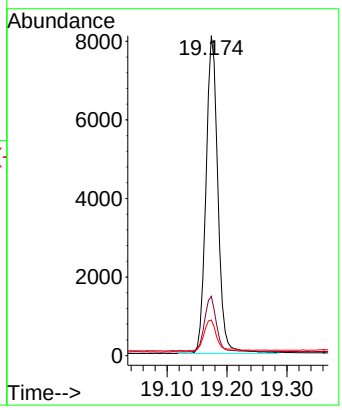


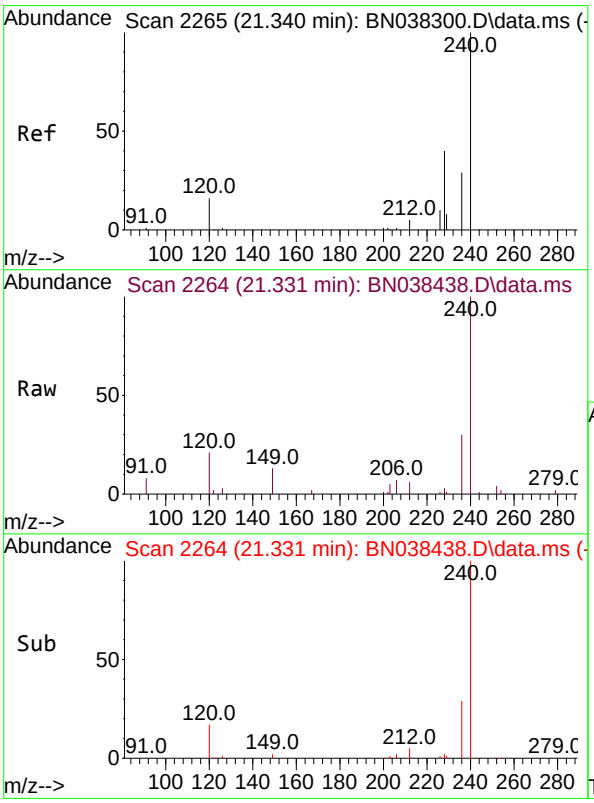
#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.174 min Scan# 19
Delta R.T. -0.014 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Tgt Ion:212 Resp: 11207

Ion	Ratio	Lower	Upper
212	100		
106	17.4	13.7	20.5
104	10.3	7.8	11.8

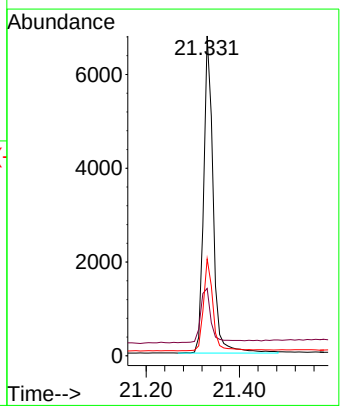


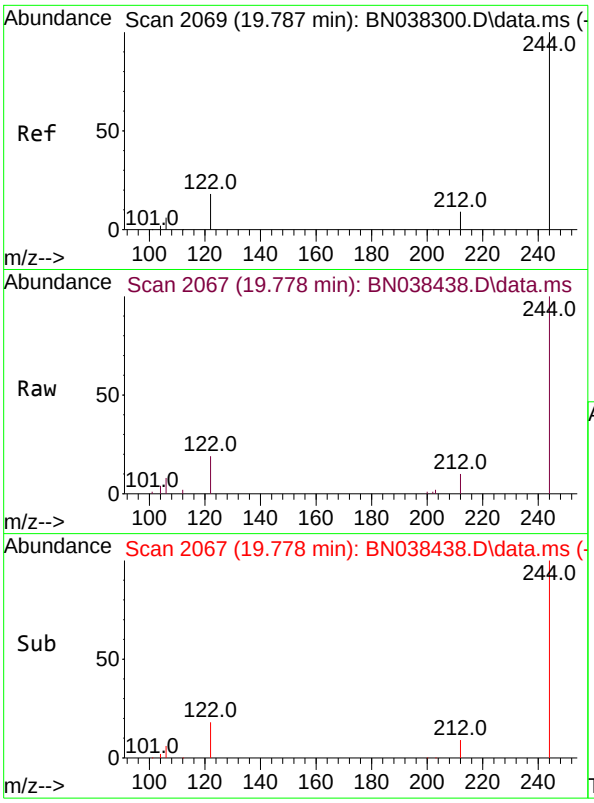


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:240 Resp: 9507

Ion	Ratio	Lower	Upper
240	100		
120	21.1	15.4	23.2
236	30.3	23.9	35.9



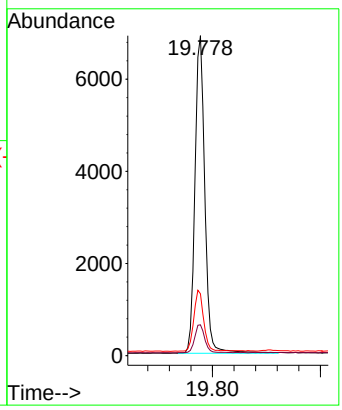


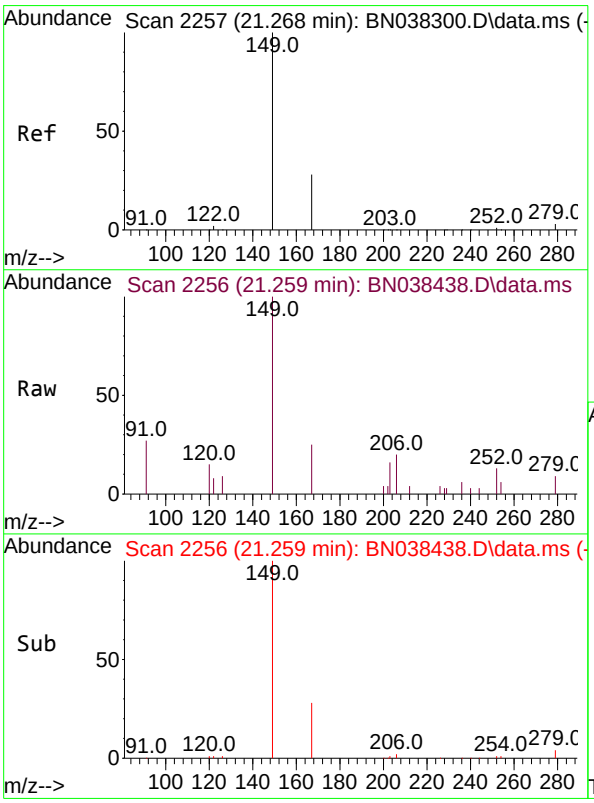
#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.778 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Tgt Ion:244 Resp: 8757

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	19.3	15.0	22.6

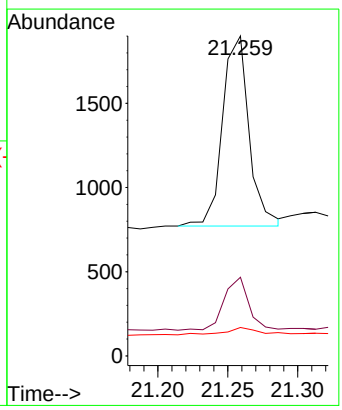


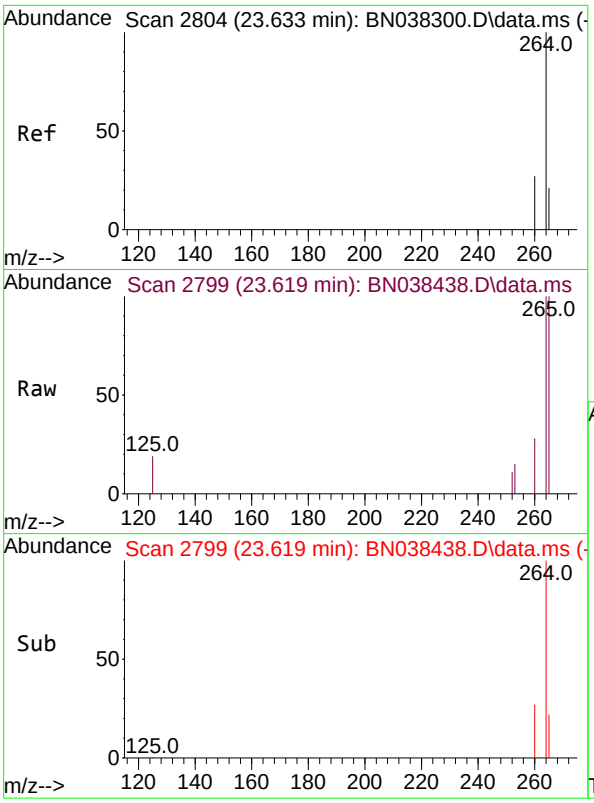


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Tgt Ion:149 Resp: 1493

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.4	32.0
279	5.4	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.619 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038438.D
Acq: 16 Dec 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BPHN-MW29D-20251210

Tgt Ion:264 Resp: 9562

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.2	33.2
265	99.6	80.2	120.2