Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038384.D
Acq On : 13 Dec 2025 13:28
Operator : RC/JU
Sample : Q3839-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AM7

Quant Time: Dec 14 22:23:21 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	7.717	152	5715	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15438	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8093	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	14950	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	12392	0.400	ng	0.00
35) Perylene-d12	23.619	264	12477	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	770860	54.160	ng	0.00
5) Phenol-d6	6.879	99	586035	34.635	ng	0.00
8) Nitrobenzene-d5	8.865	82	1031347	79.202	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	8	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	693133	193.048	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	2978321	76.390	ng	0.00
27) Fluoranthene-d10	19.178	212	49	0.001	ng	0.00
31) Terphenyl-d14	19.782	244	2229420	80.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	668	0.102	ng	# 24
3) n-Nitrosodimethylamine	3.442	42	847	0.103	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.259	149	7780	0.296	ng	100

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

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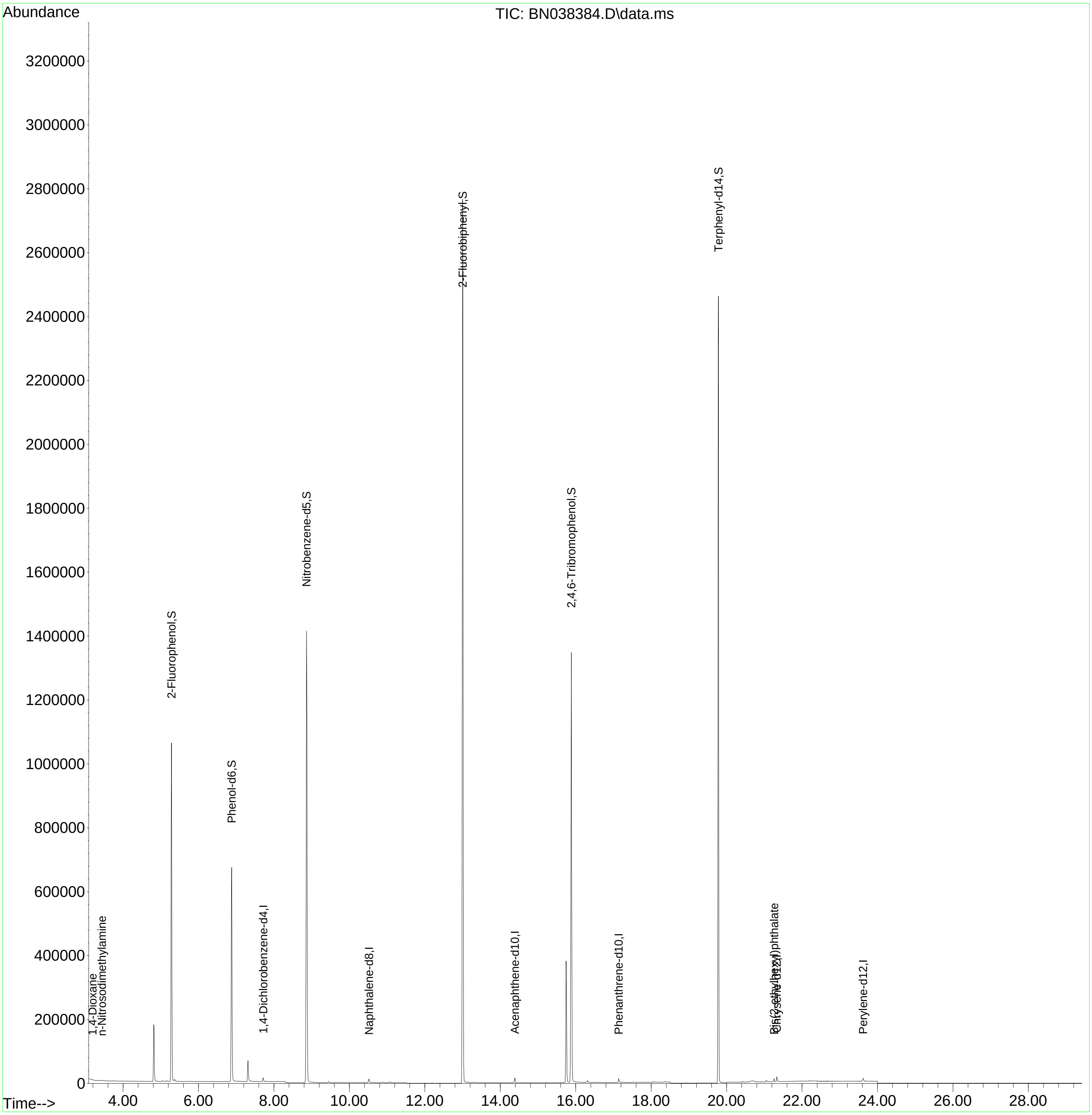
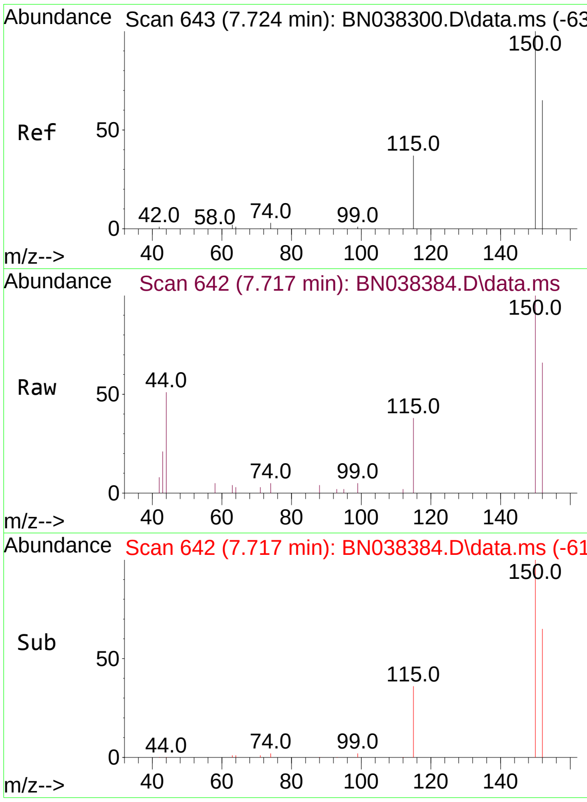


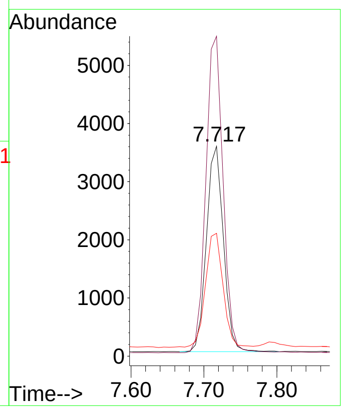


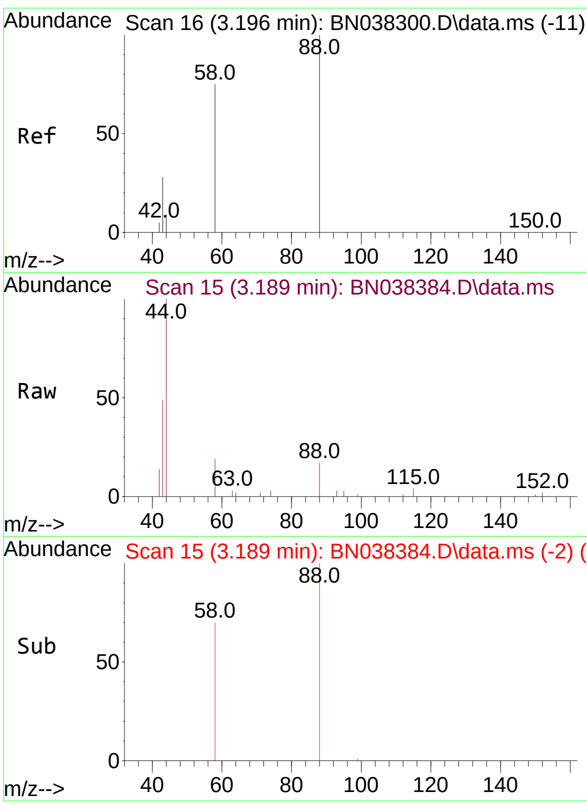
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion:152 Resp: 5715

Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.4	183.6
115	58.5	47.3	70.9

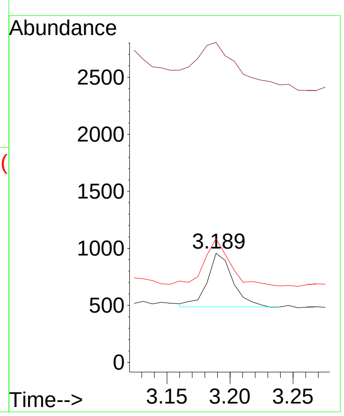


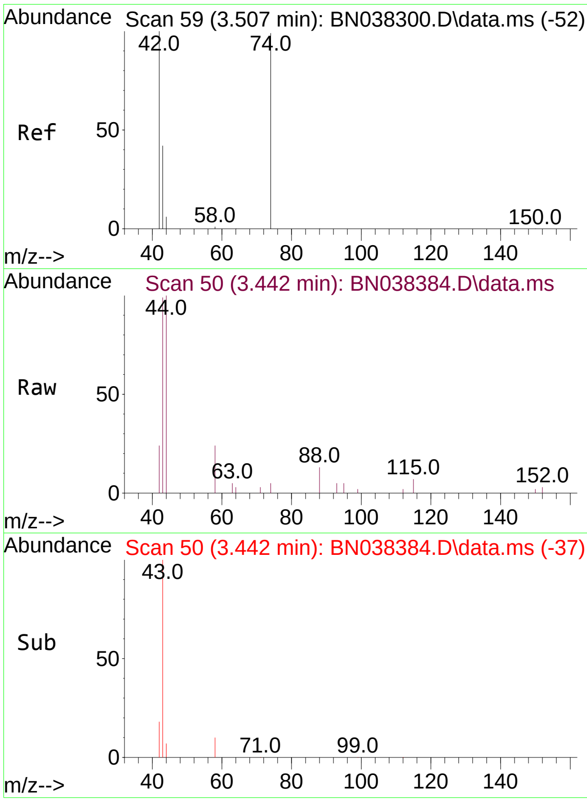


#2
1,4-Dioxane
Concen: 0.102 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion: 88 Resp: 668

Ion	Ratio	Lower	Upper
88	100		
43	154.5	24.9	37.3#
58	90.4	61.4	92.0



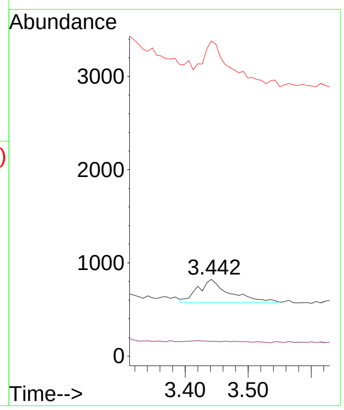


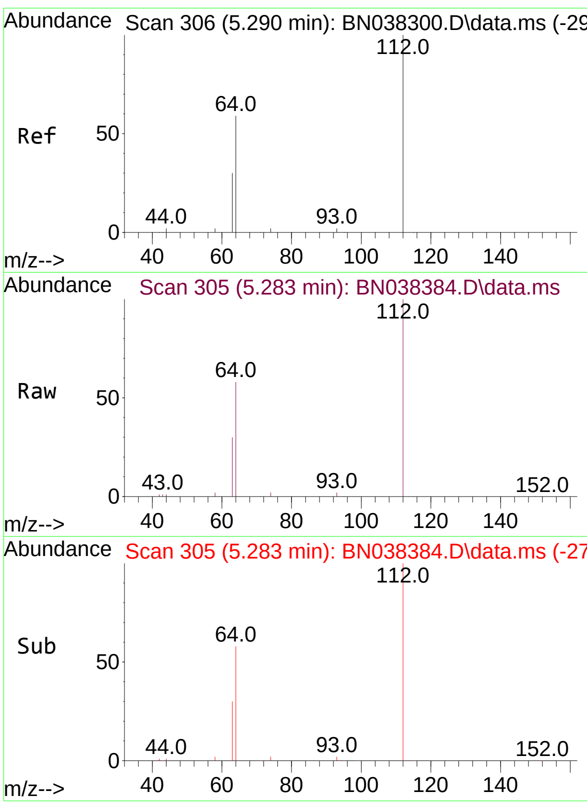
#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.442 min Scan# 50
Delta R.T. -0.058 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion: 42 Resp: 847

Ion	Ratio	Lower	Upper
42	100		
74	0.0	95.3	142.9#
44	152.2	7.9	11.9#

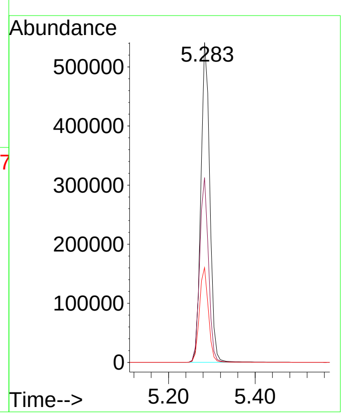


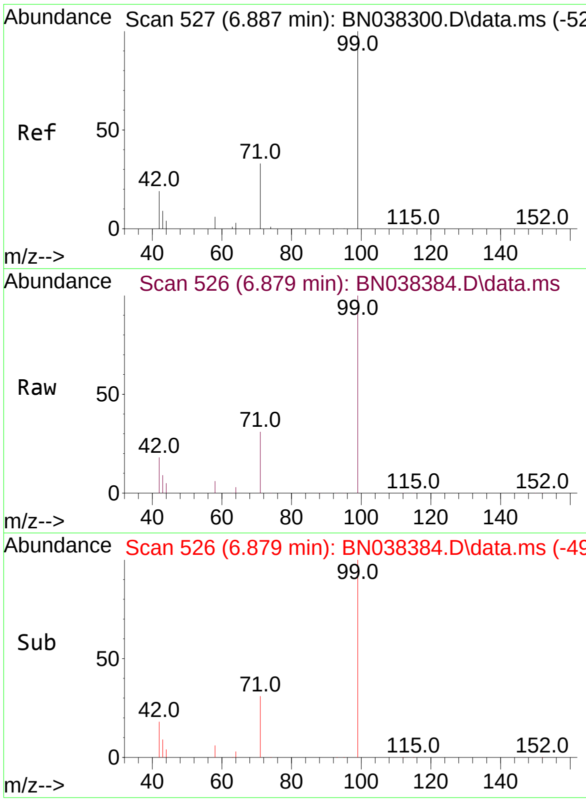


#4
2-Fluorophenol
Concen: 54.160 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:112 Resp: 770860

Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.4	66.6
63	29.9	23.4	35.0



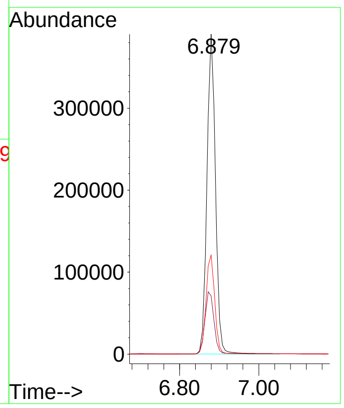


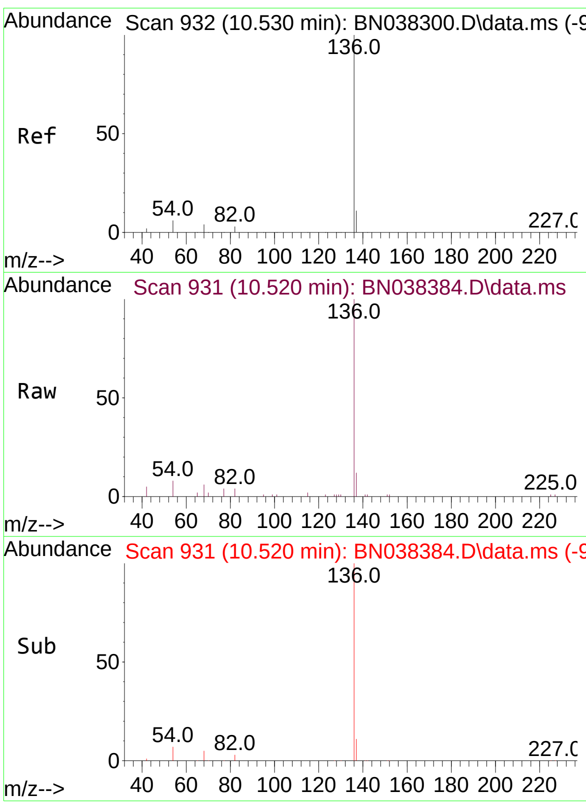
#5
Phenol-d6
Concen: 34.635 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion: 99 Resp: 586035

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.5	24.7
71	31.7	24.9	37.3

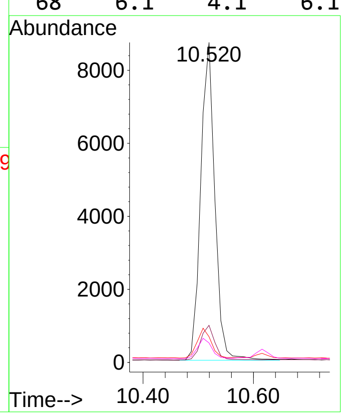


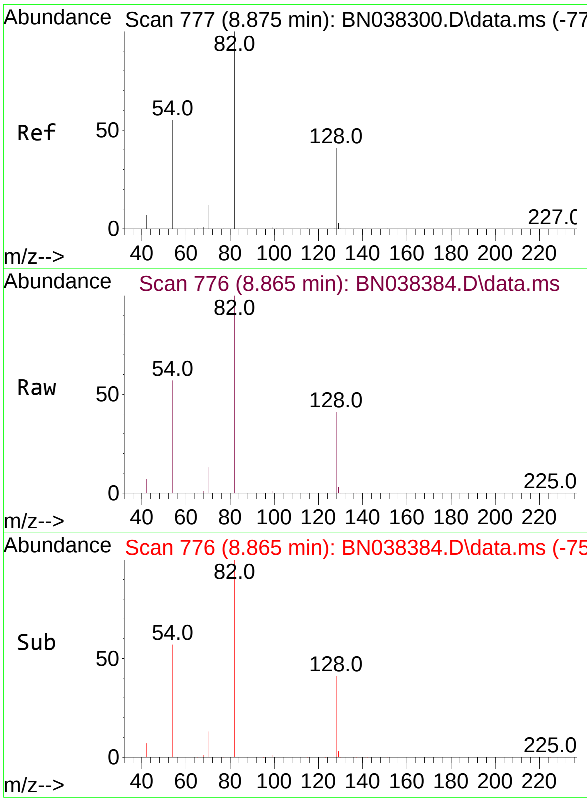


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:136 Resp: 15438

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.0	5.2	7.8#
68	6.1	4.1	6.1



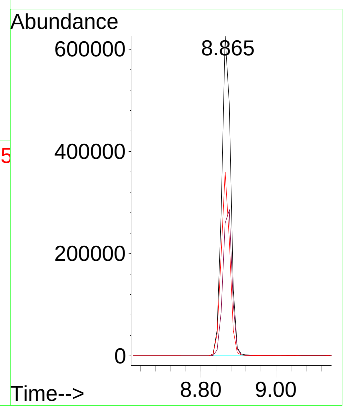


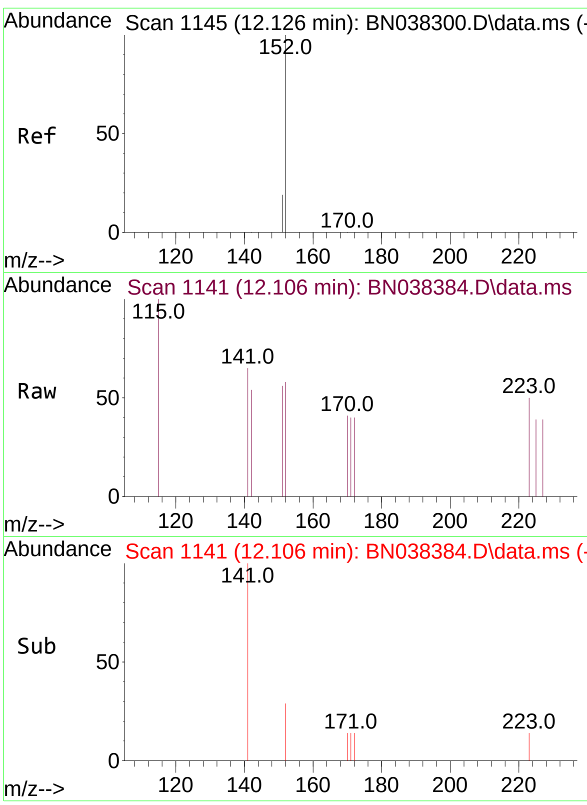
#8
Nitrobenzene-d5
Concen: 79.202 ng
RT: 8.865 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion: 82 Resp: 1031347

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.0	51.0
54	57.5	44.4	66.6

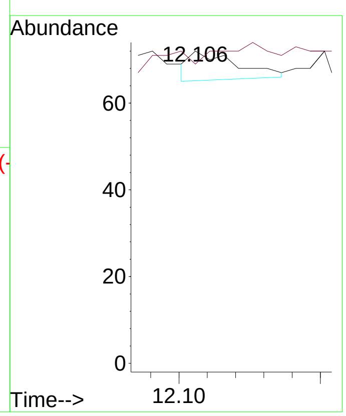


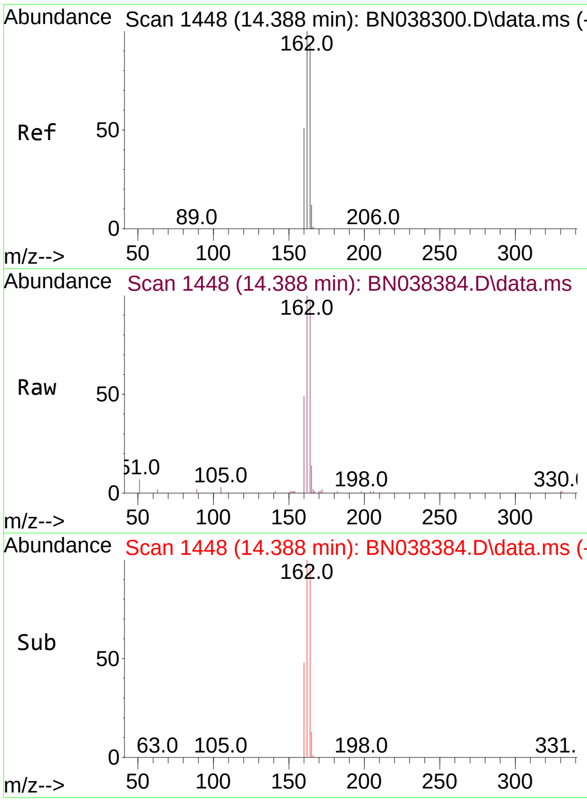


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.020 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:152 Resp: 8

Ion	Ratio	Lower	Upper
152	100		
151	62.5	17.0	25.6#



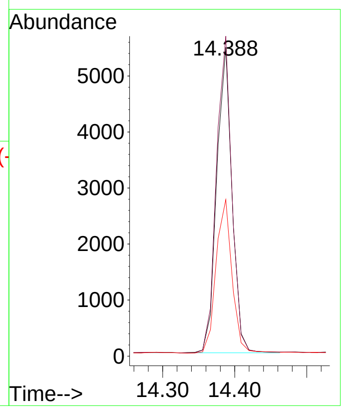


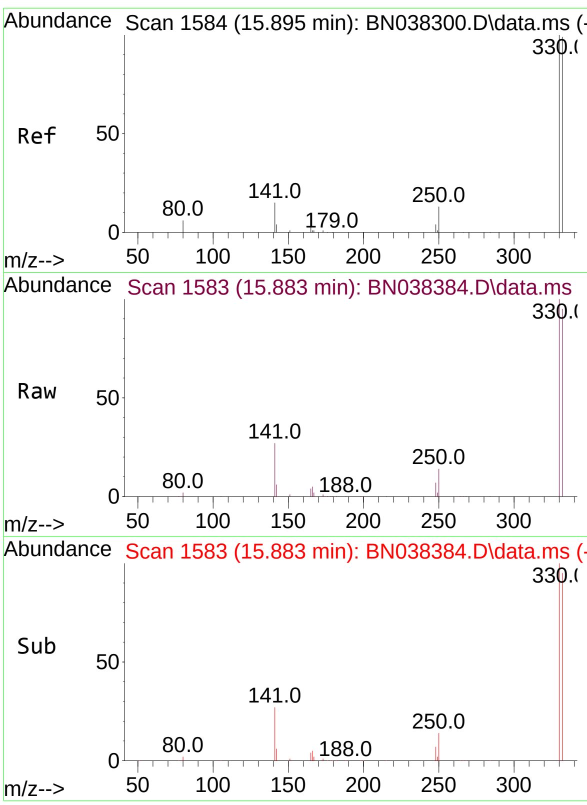
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion:164 Resp: 8093

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.2	129.4
160	50.7	44.6	67.0

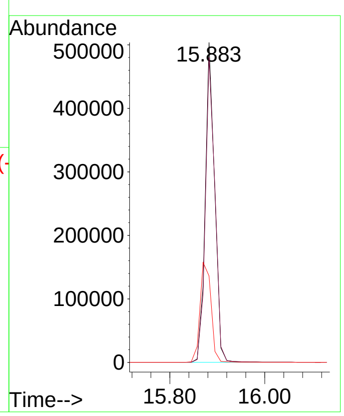


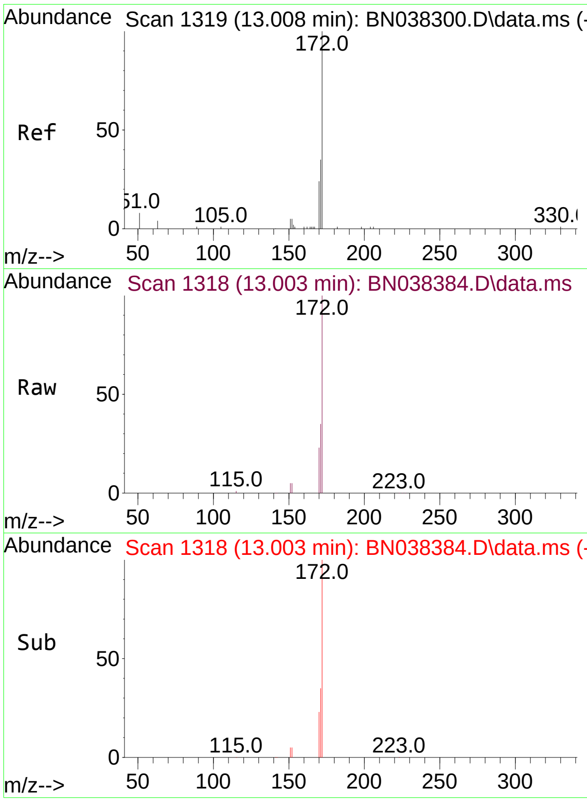


#14
2,4,6-Tribromophenol
Concen: 193.048 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:330 Resp: 693133

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.6
141	36.6	31.8	47.8



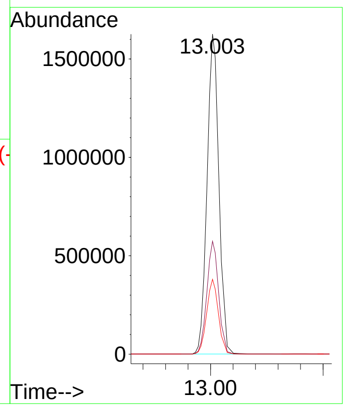


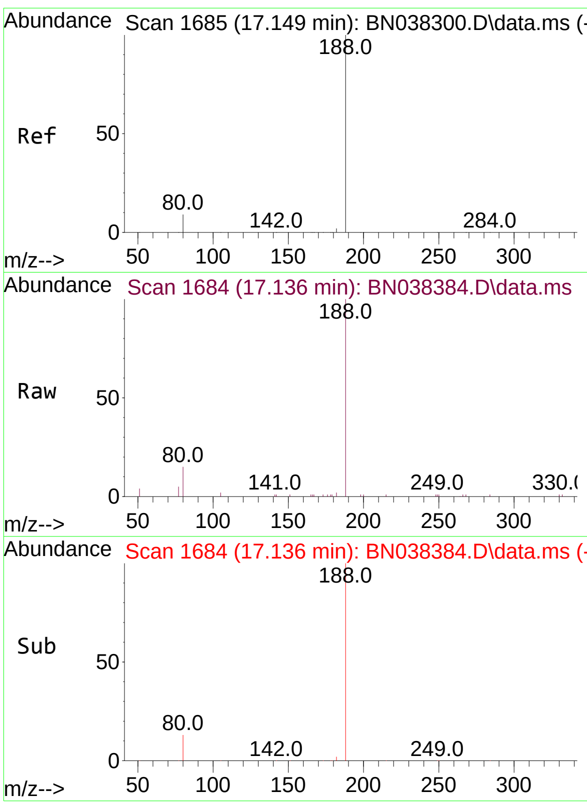
#15
2-Fluorobiphenyl
Concen: 76.390 ng
RT: 13.003 min Scan# 13
Delta R.T. -0.005 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion:172 Resp: 2978321

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.4	19.3	28.9

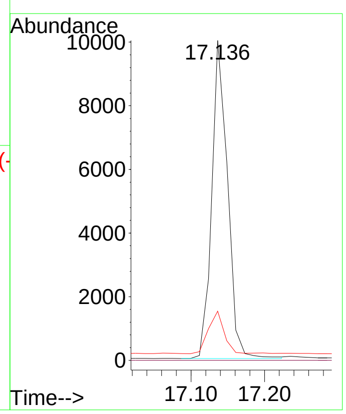


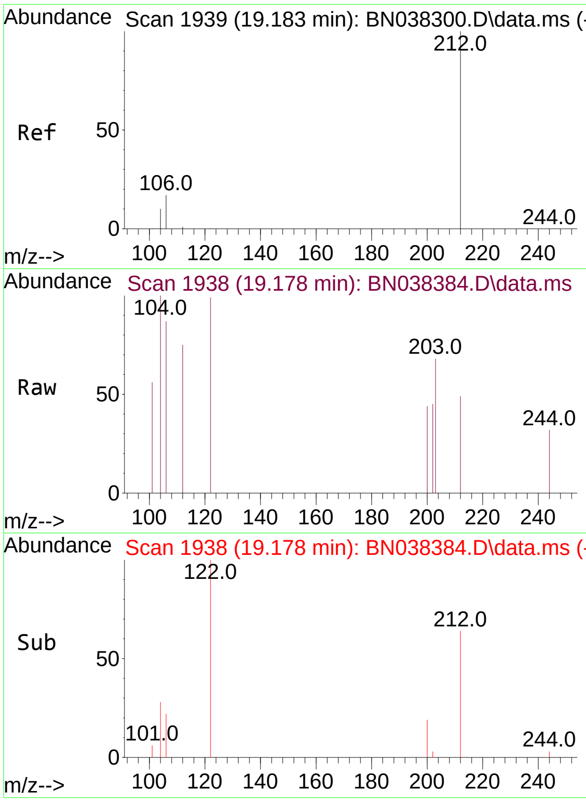


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:188 Resp: 14950

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.4	7.4	11.0#



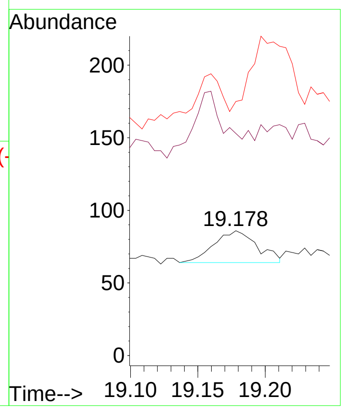


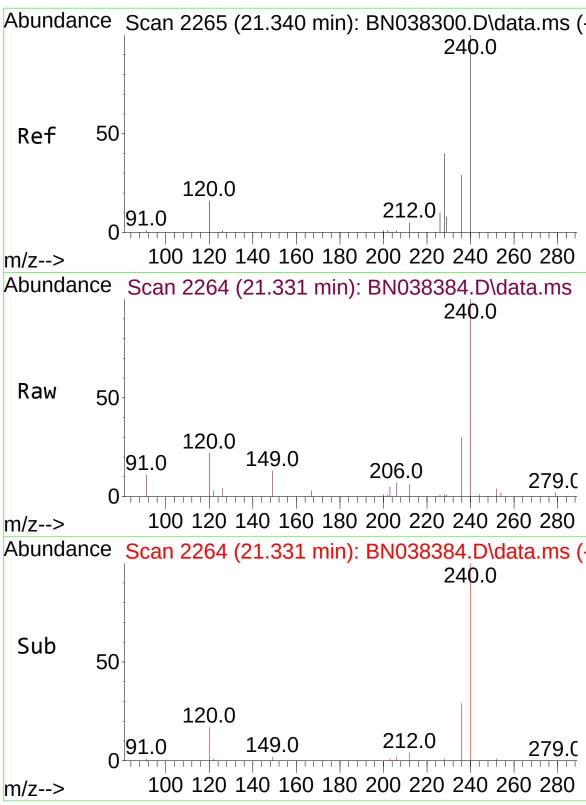
#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.178 min Scan# 19
Delta R.T.   -0.009 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion:212 Resp: 49

Ion	Ratio	Lower	Upper
212	100		
106	151.0	13.7	20.5#
104	138.8	7.8	11.8#

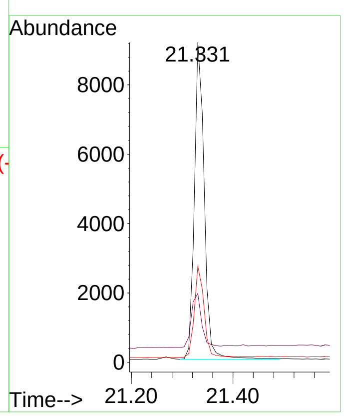


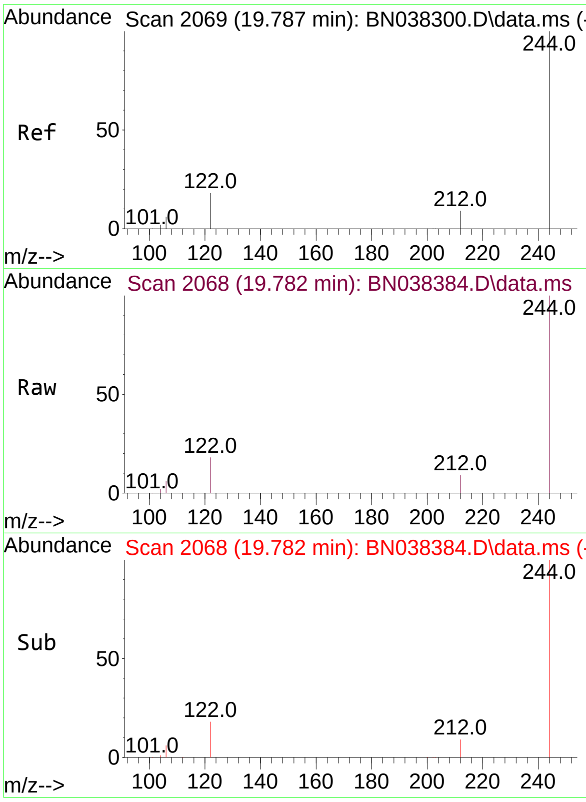


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T.   -0.009 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:240 Resp: 12392

Ion	Ratio	Lower	Upper
240	100		
120	21.5	15.4	23.2
236	30.1	23.9	35.9



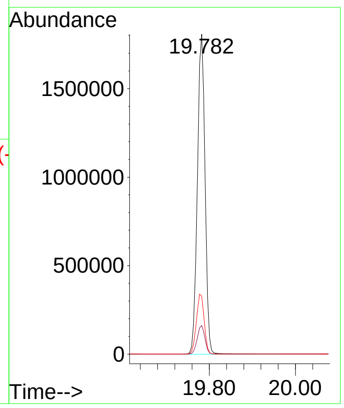


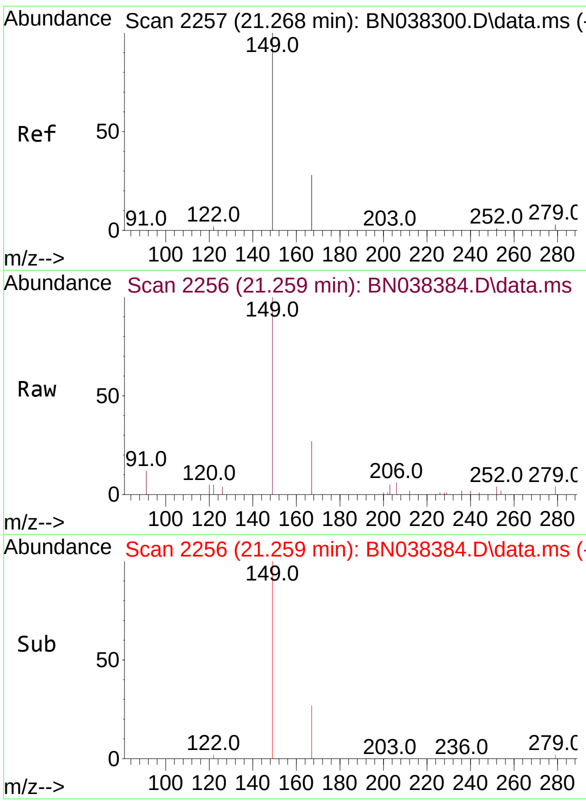
#31
Terphenyl-d14
Concen: 80.616 ng
RT: 19.782 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion:244 Resp: 2229420

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.9	11.9
122	18.2	15.0	22.6

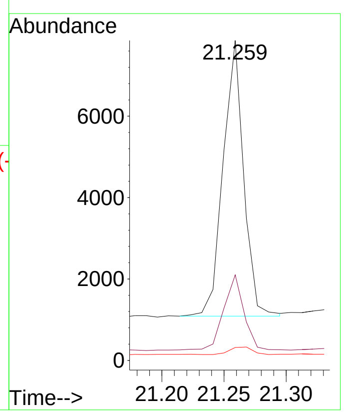


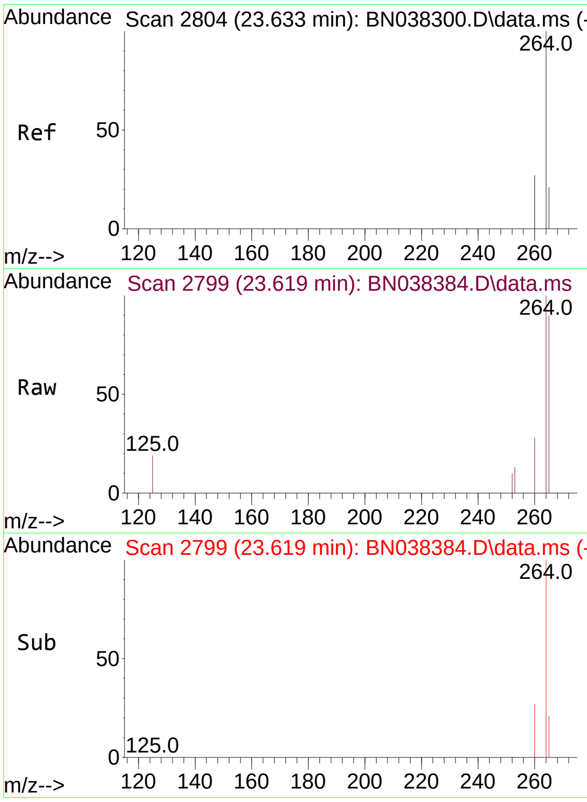


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038384.D
Acq: 13 Dec 2025 13:28

Tgt Ion:149 Resp: 7780

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.0
279	3.1	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: BN038384.D
Acq: 13 Dec 2025 13:28

Instrument :
BNA_N
ClientSampleId :
C0AM7

Tgt Ion:264 Resp: 12477

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.2	33.2
265	89.9	80.2	120.2