Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038446.D
Acq On : 16 Dec 2025 17:27
Operator : RC/JU
Sample : Q3866-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Quant Time: Dec 16 17:58:09 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	4690	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12670	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6548	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	12146	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9345	0.400	ng	0.00
35) Perylene-d12	23.616	264	9055	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1816	0.155	ng	0.00
5) Phenol-d6	6.879	99	1237	0.089	ng	0.00
8) Nitrobenzene-d5	8.865	82	3797	0.355	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	5642	0.316	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	873	0.301	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	14192	0.450	ng	-0.01
27) Fluoranthene-d10	19.174	212	11576	0.385	ng	-0.01
31) Terphenyl-d14	19.778	244	9128	0.438	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	134	0.025	ng	# 1
3) n-Nitrosodimethylamine	3.492	42	936	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.250	149	1476	0.075	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
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FB01-M2-20251212

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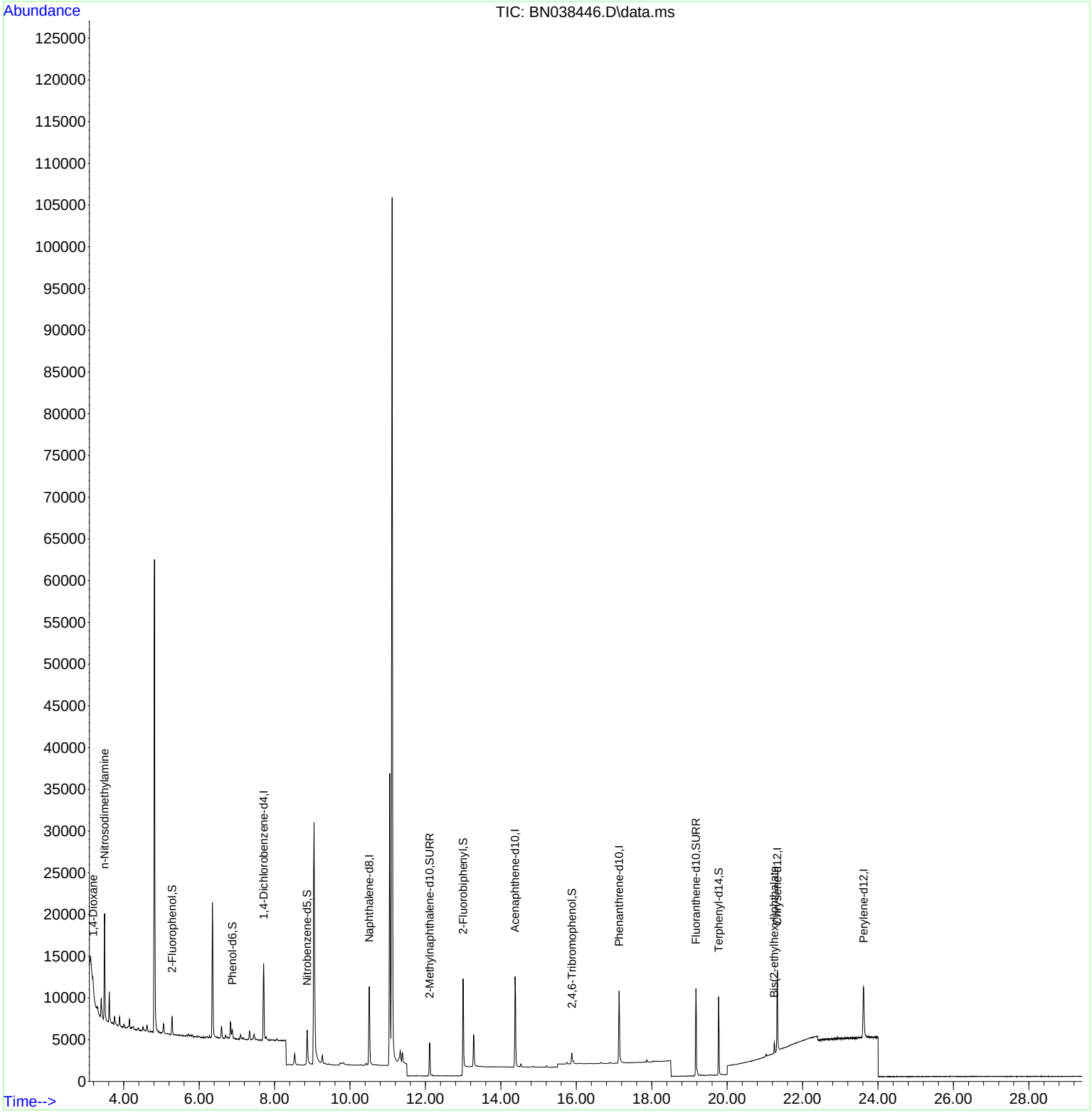
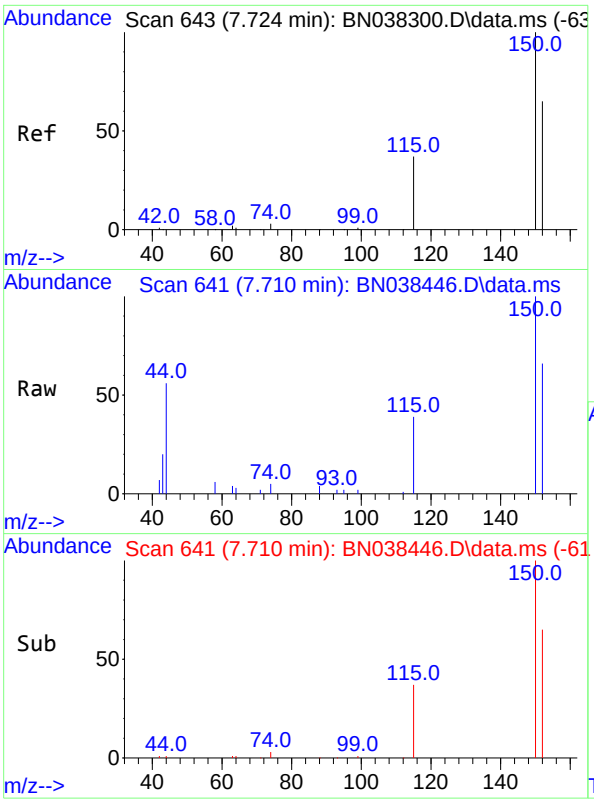


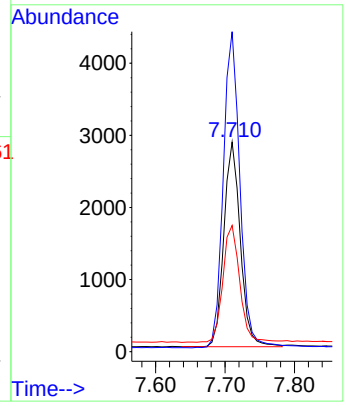


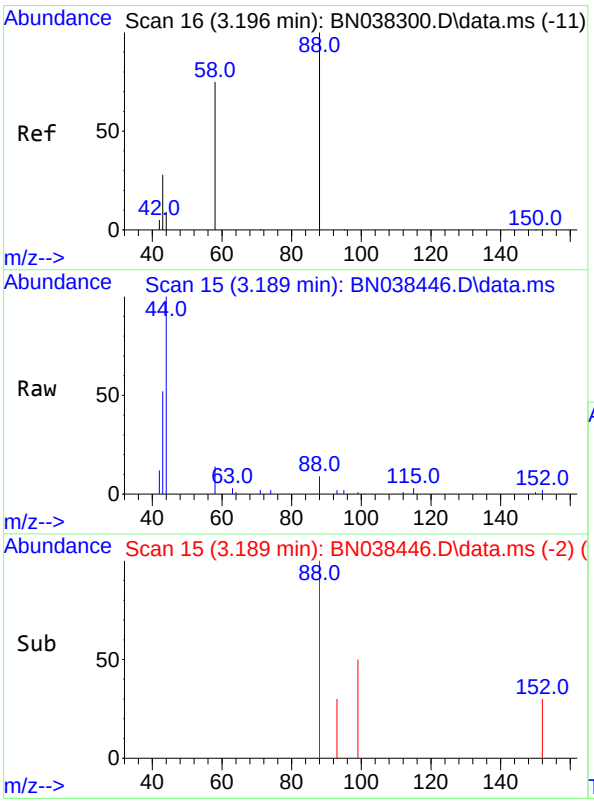
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Tgt Ion:152 Resp: 4690

Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.4	183.6
115	60.2	47.3	70.9

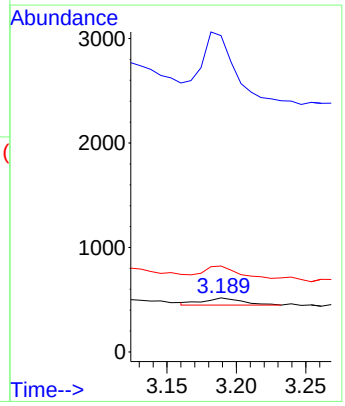


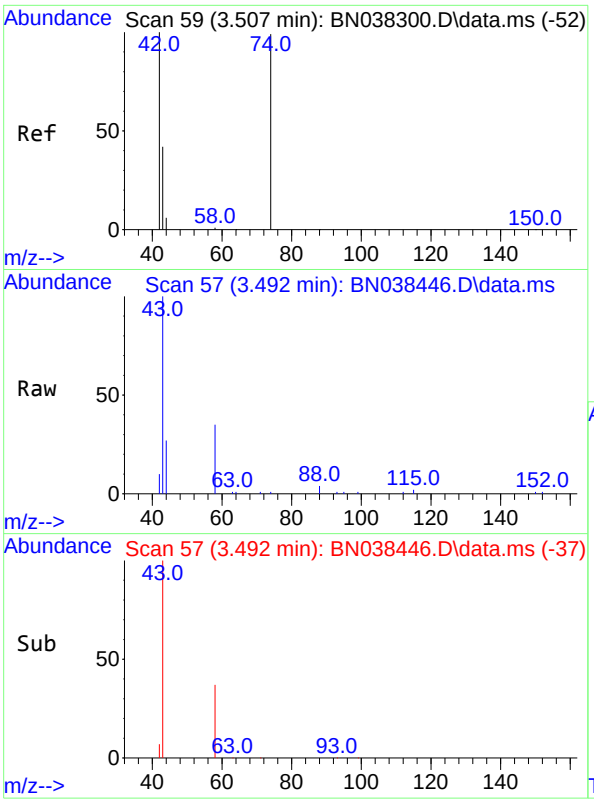


#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Tgt Ion: 88 Resp: 134

Ion	Ratio	Lower	Upper
88	100		
43	916.4	24.9	37.3#
58	252.2	61.4	92.0#



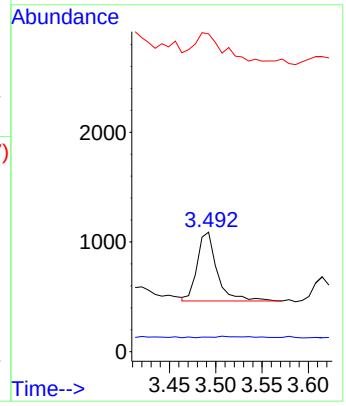


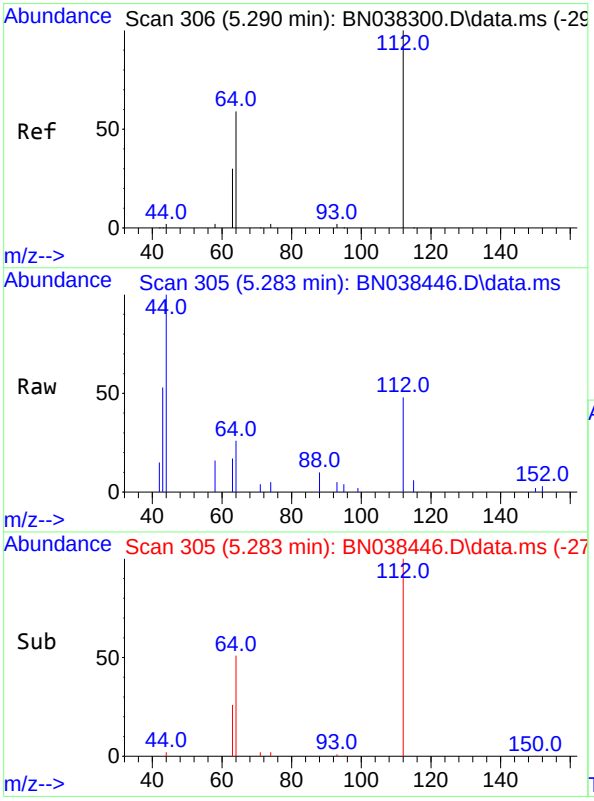
#3
n-Nitrosodimethylamine
Concen: 0.139 ng
RT: 3.492 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Tgt Ion: 42 Resp: 936

Ion	Ratio	Lower	Upper
42	100		
74	0.0	95.3	142.9#
44	56.4	7.9	11.9#

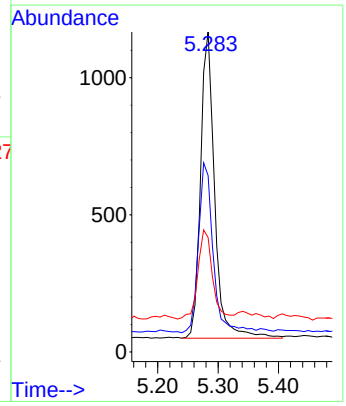


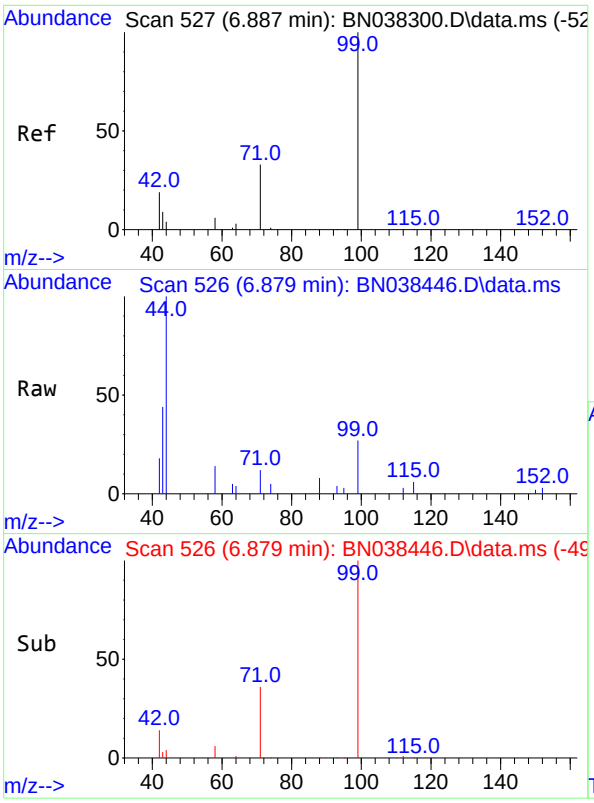


#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Tgt Ion:112 Resp: 1816

Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.4	66.6
63	29.4	23.4	35.0



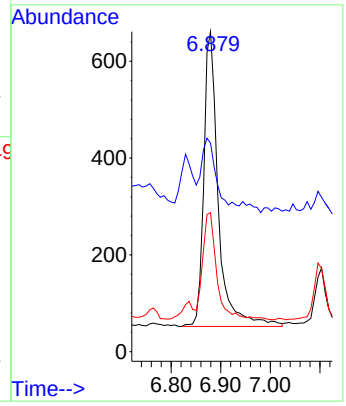


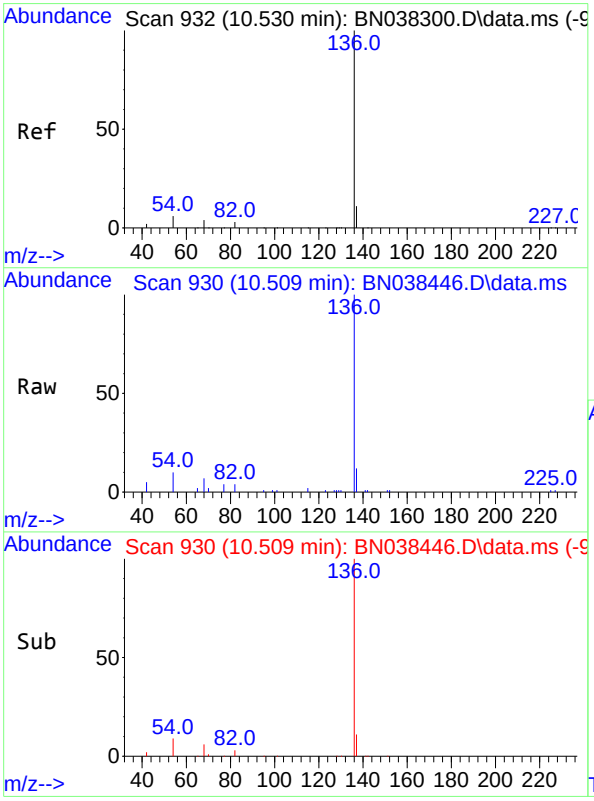
#5
Phenol-d6
Concen: 0.089 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Tgt Ion: 99 Resp: 1237

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.5	24.7
71	35.2	24.9	37.3

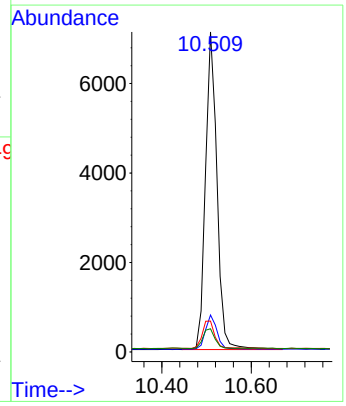


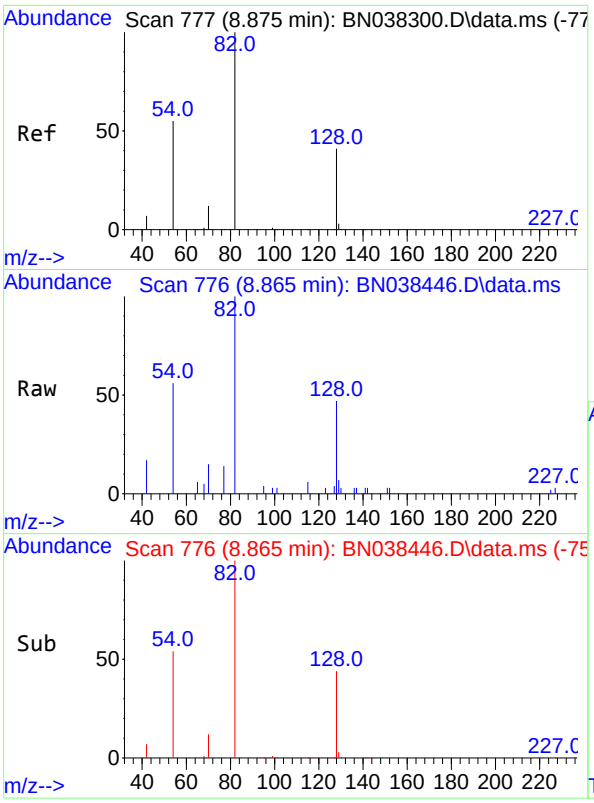


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Tgt Ion:136 Resp: 12670

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.7	5.2	7.8#
68	7.2	4.1	6.1#



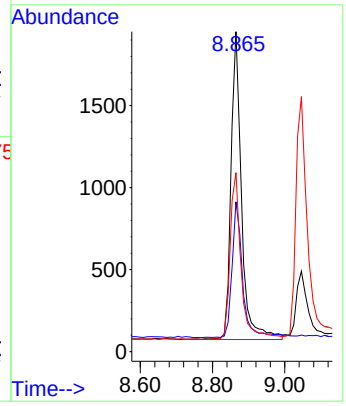


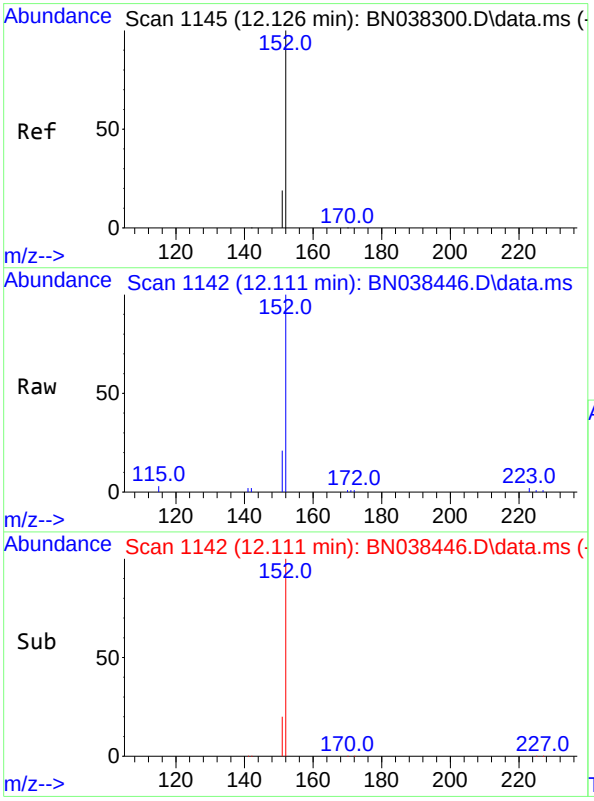
#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.865 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Tgt Ion: 82 Resp: 3797

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	55.9	44.4	66.6

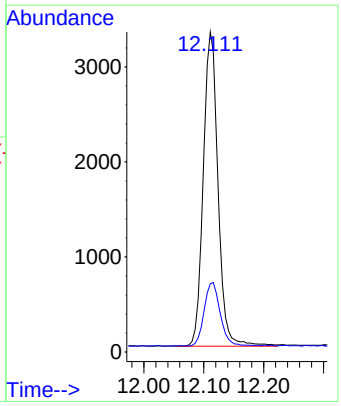


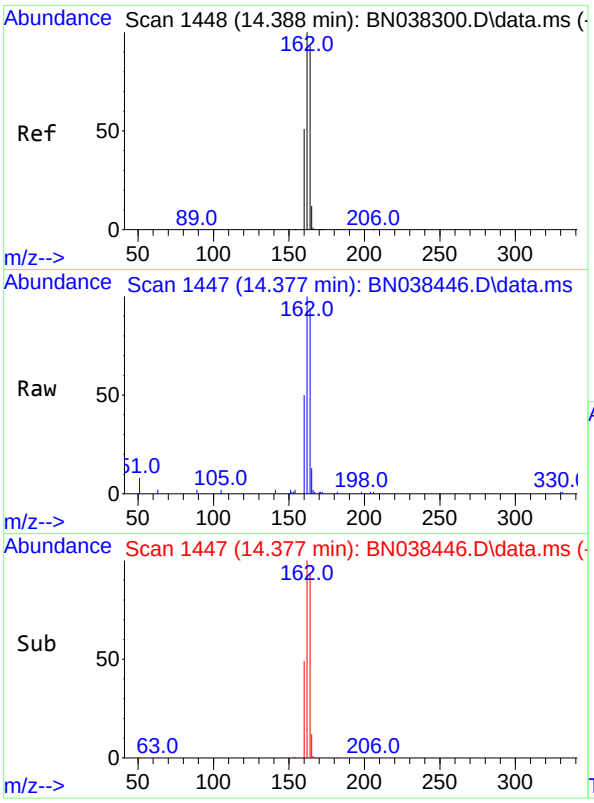


#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.111 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Tgt Ion:152 Resp: 5642

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.0	25.6



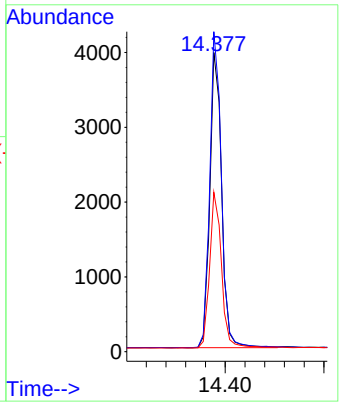


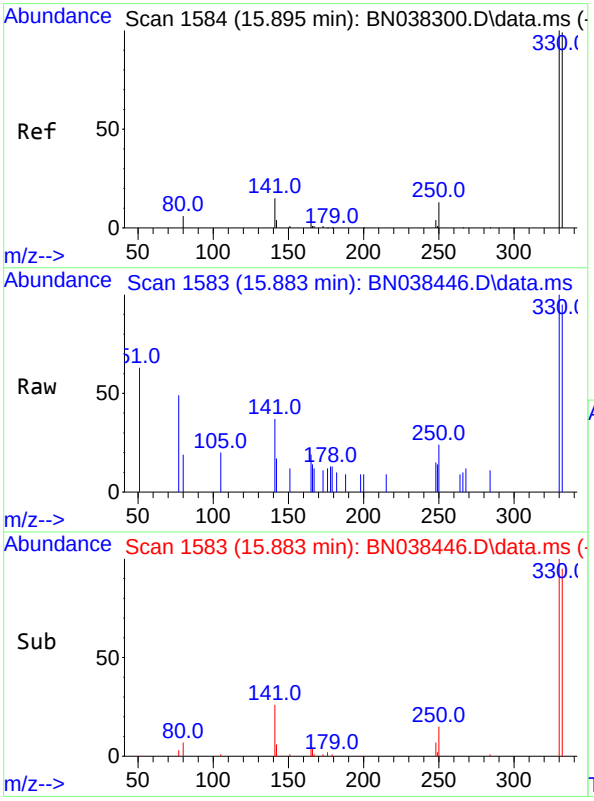
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Tgt Ion:164 Resp: 6548

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.2	129.4
160	53.3	44.6	67.0

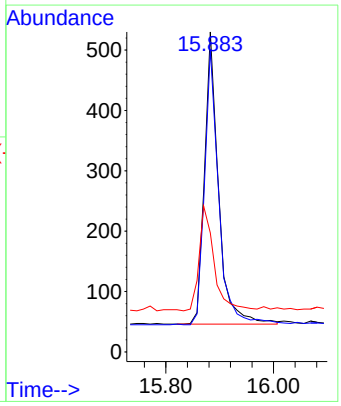


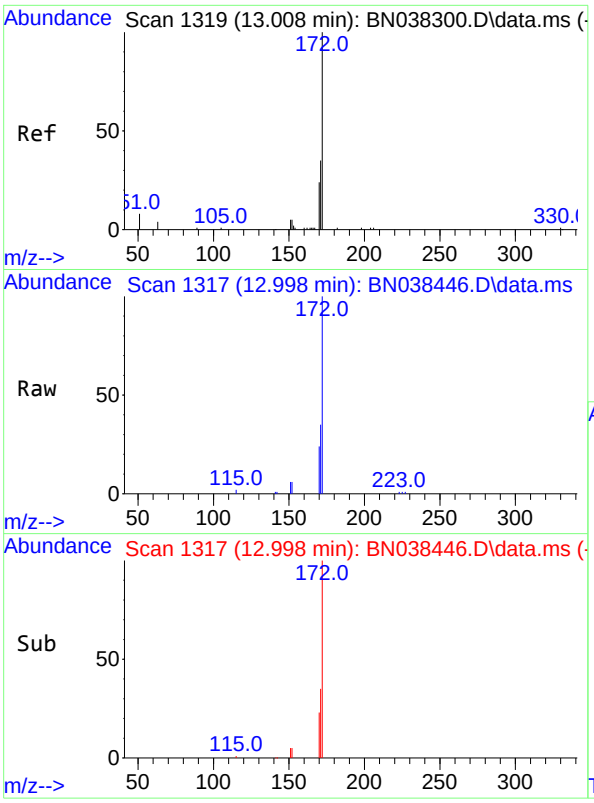


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Tgt Ion:330 Resp: 873

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.8	113.6
141	38.6	31.8	47.8



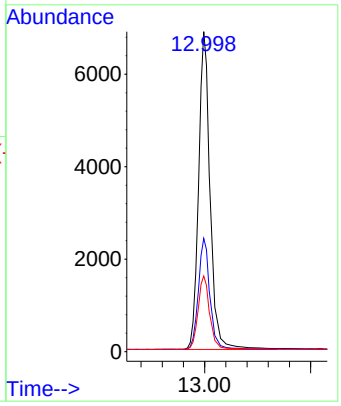


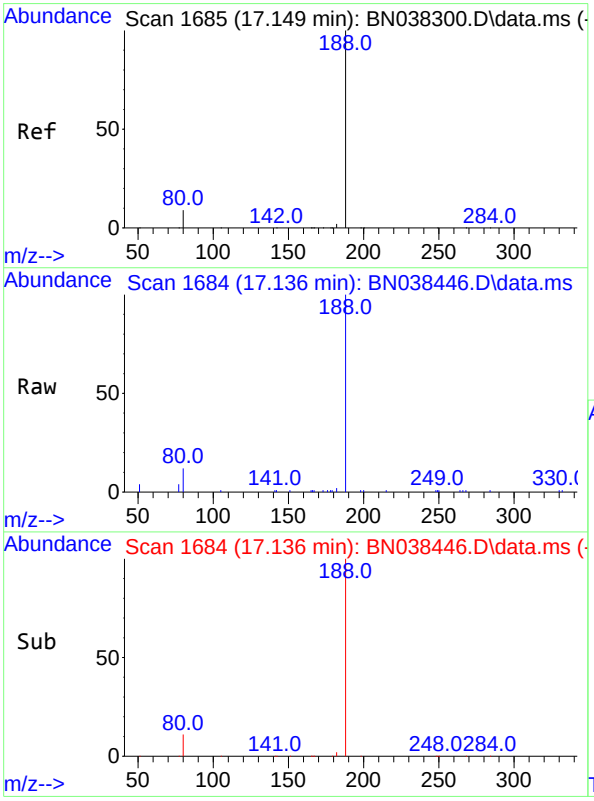
#15
2-Fluorobiphenyl
Concen: 0.450 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Tgt Ion:172 Resp: 14192

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.7	19.3	28.9

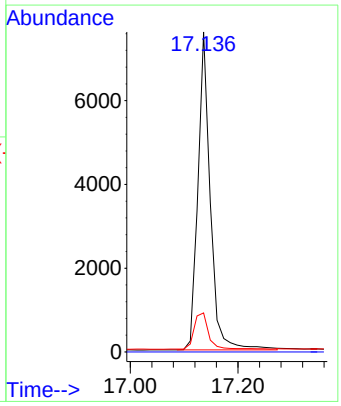


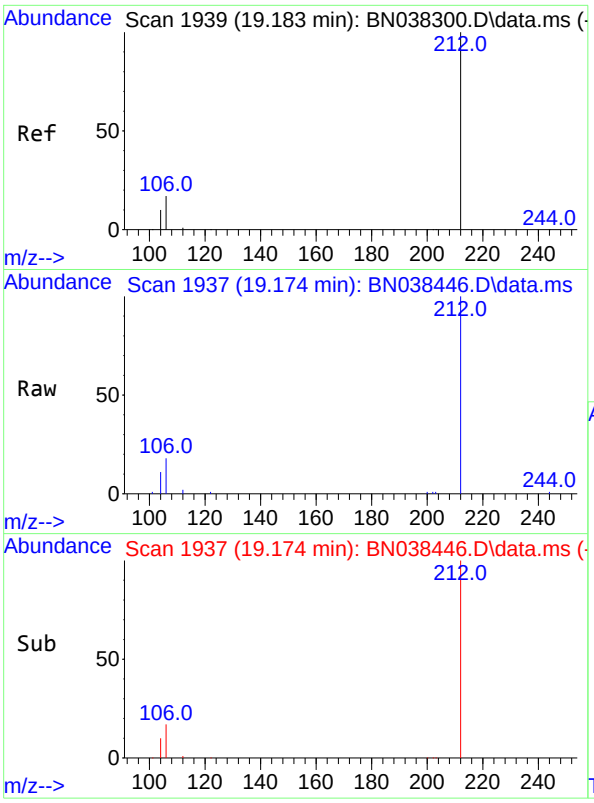


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Tgt Ion:188 Resp: 12146

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	7.4	11.0#



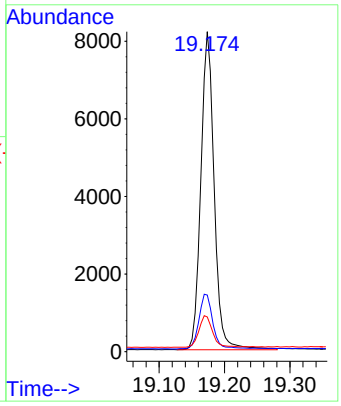


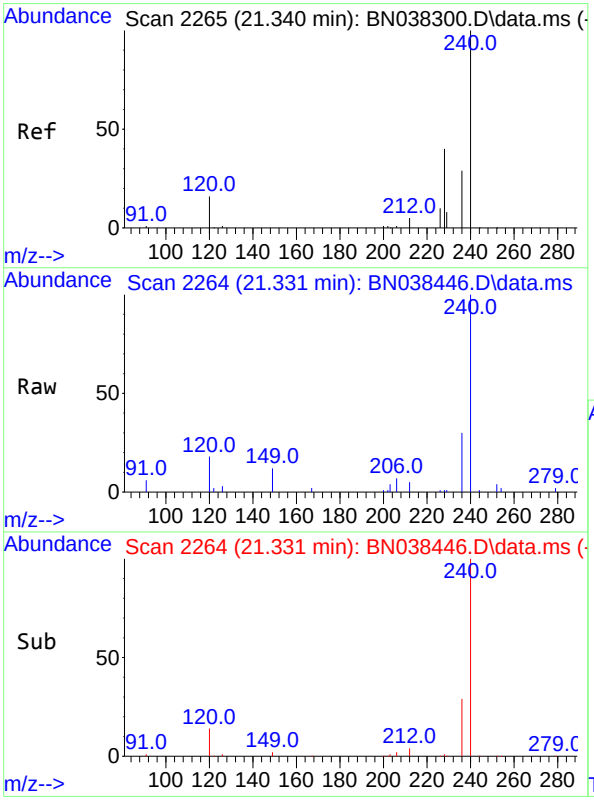
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.174 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Tgt Ion:212 Resp: 11576

Ion	Ratio	Lower	Upper
212	100		
106	17.9	13.7	20.5
104	10.0	7.8	11.8

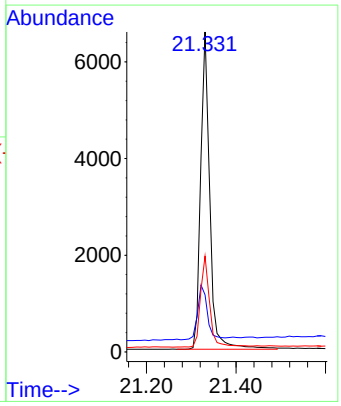


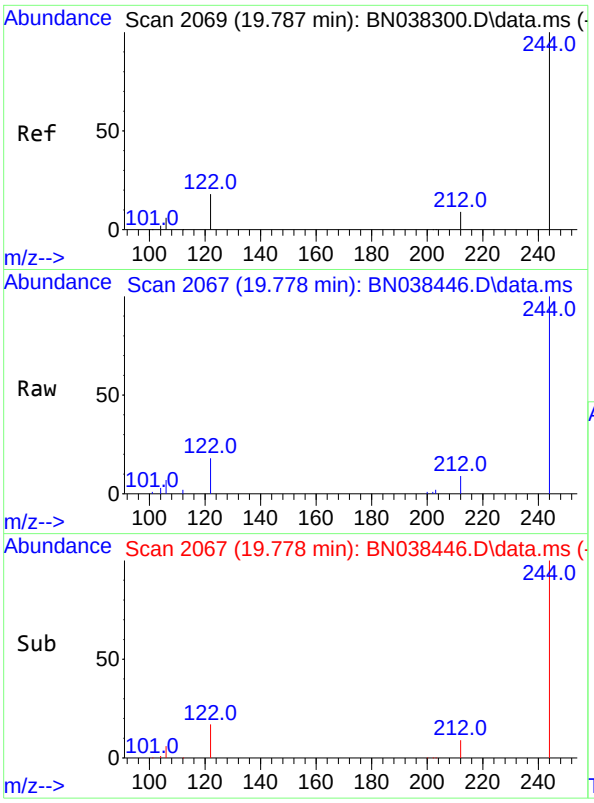


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Tgt Ion:240 Resp: 9345

Ion	Ratio	Lower	Upper
240	100		
120	17.8	15.4	23.2
236	30.0	23.9	35.9



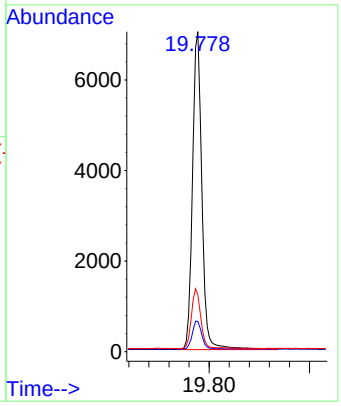


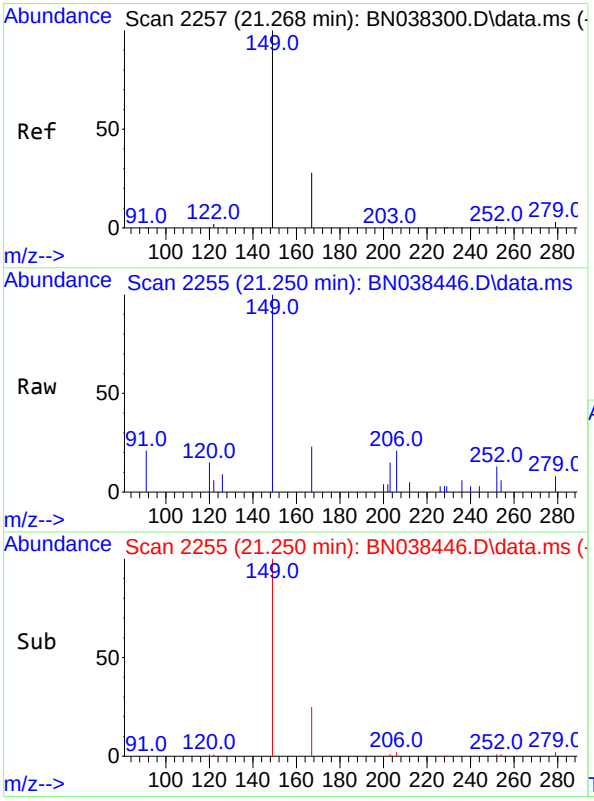
#31
Terphenyl-d14
Concen: 0.438 ng
RT: 19.778 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Tgt Ion:244 Resp: 9128

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	17.7	15.0	22.6

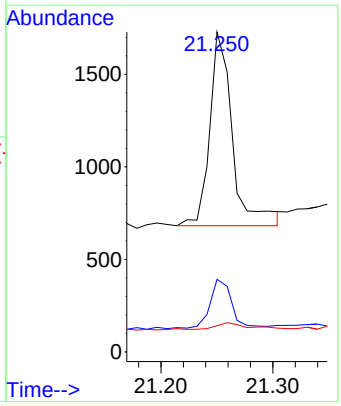


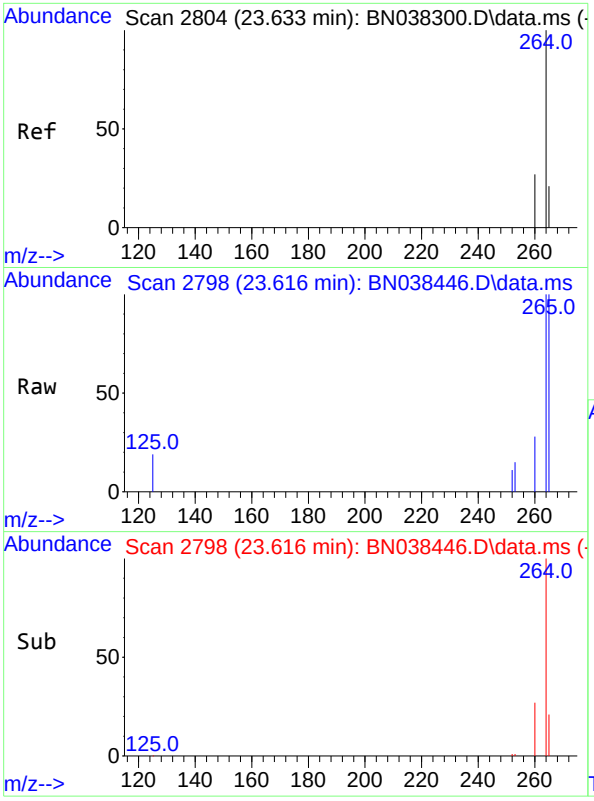


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.018 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Tgt Ion:149 Resp: 1476

Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.4	32.0
279	4.8	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.616 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN038446.D
Acq: 16 Dec 2025 17:27

Instrument :
BNA_N
ClientSampleId :
FB01-M2-20251212

Tgt Ion:264 Resp: 9055

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.2	33.2
265	99.9	80.2	120.2