Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038006.D
Acq On : 06 Oct 2025 12:31
Operator : RC/JU
Sample : Q3194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Quant Time: Oct 06 12:58:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8149	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	22929	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	11897	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23841	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14883	0.400	ng	0.00
35) Perylene-d12	23.712	264	11337	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3110	0.167	ng	0.00
5) Phenol-d6	6.966	99	2442	0.100	ng	0.00
8) Nitrobenzene-d5	8.950	82	5867	0.335	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	10871	0.341	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1531	0.339	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	17022	0.349	ng	-0.01
27) Fluoranthene-d10	19.238	212	21483	0.358	ng	-0.01
31) Terphenyl-d14	19.838	244	15494	0.523	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	680	0.082	ng	# 27
20) 4,6-Dinitro-2-methylph...	15.572	198	5	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1873	0.091	ng	# 94

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

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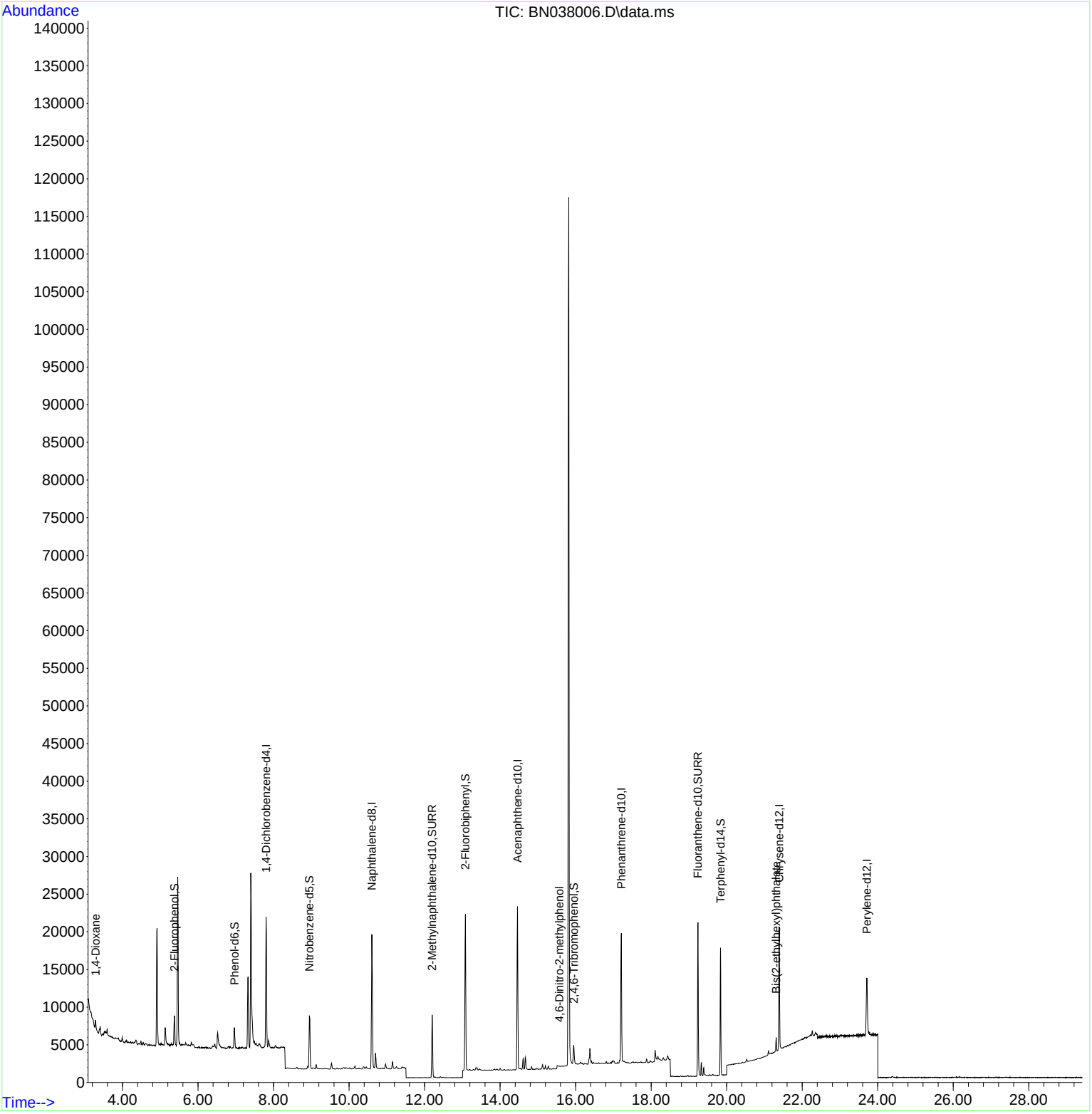
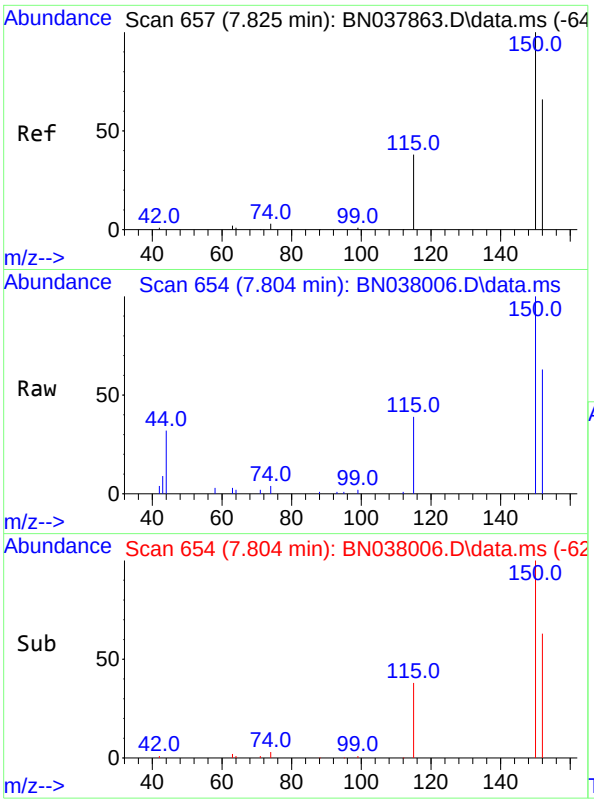


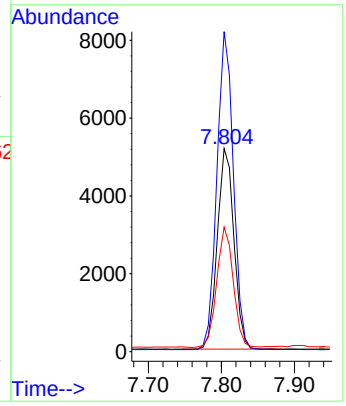


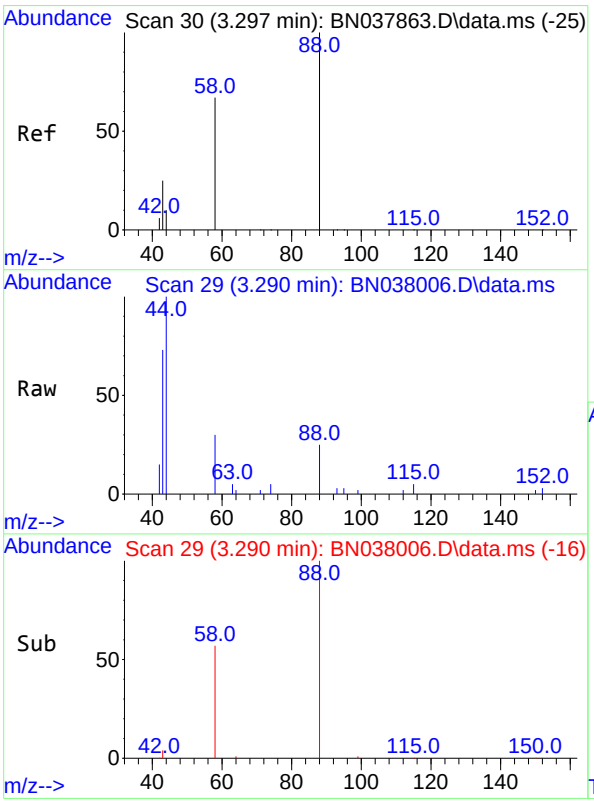
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:152 Resp: 8149

Ion	Ratio	Lower	Upper
152	100		
150	157.5	121.0	181.4
115	61.4	47.4	71.0

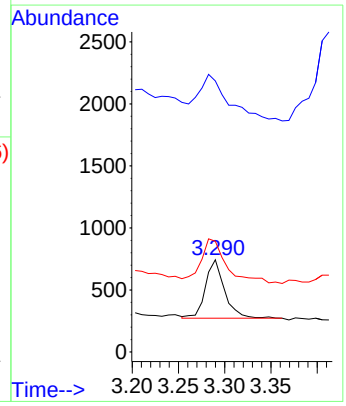


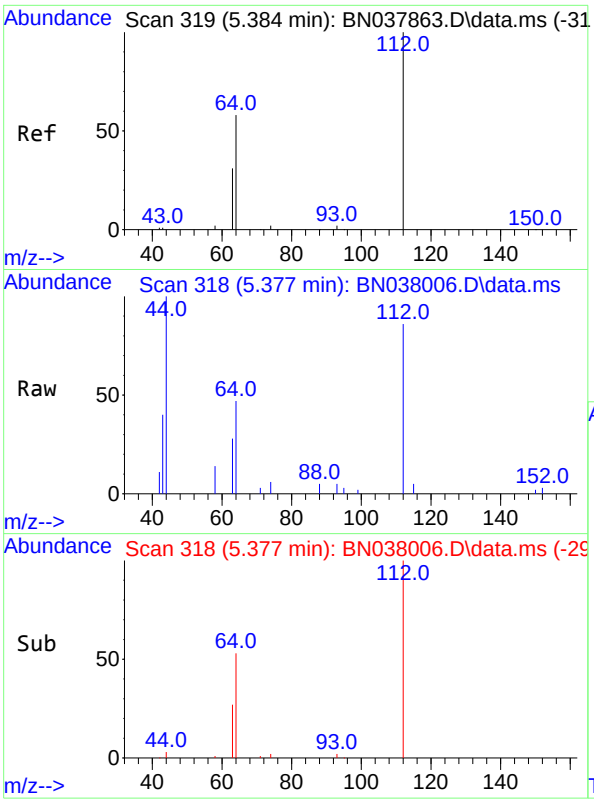


#2
1,4-Dioxane
Concen: 0.082 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion: 88 Resp: 680

Ion	Ratio	Lower	Upper
88	100		
43	122.4	26.6	39.8#
58	103.5	58.9	88.3#



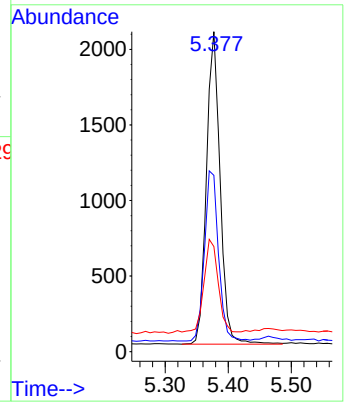


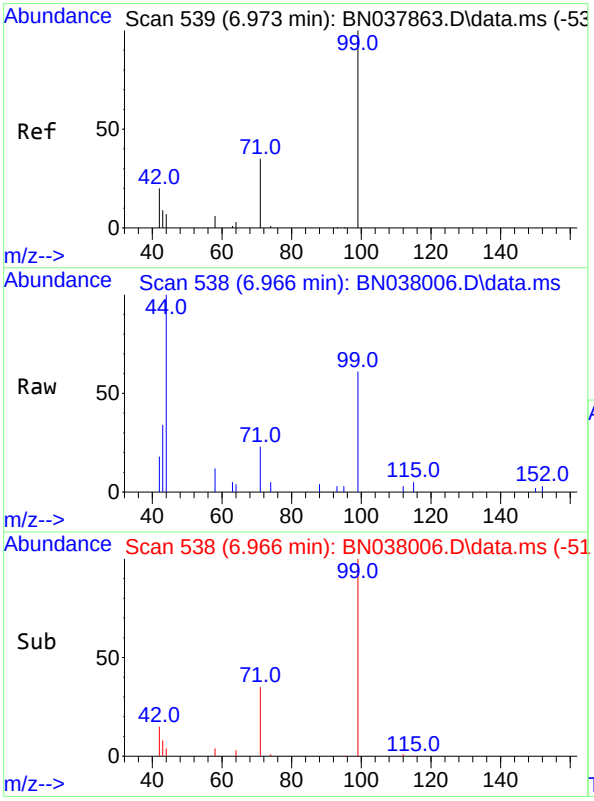
#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:112 Resp: 3110

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.6	66.8
63	32.2	24.9	37.3

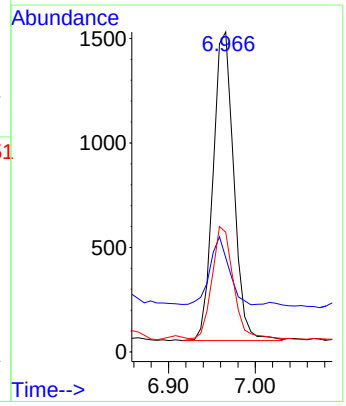


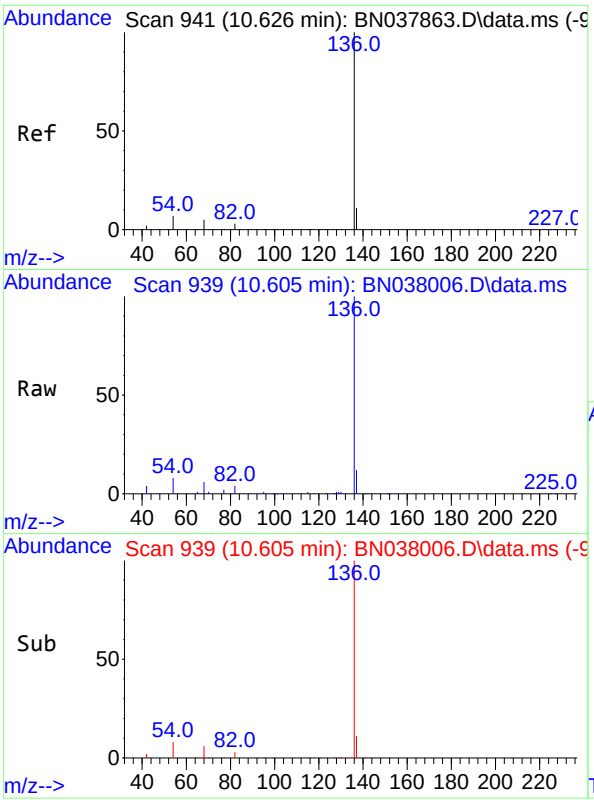


#5
Phenol-d6
Concen: 0.100 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion: 99 Resp: 2442

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.2	25.8
71	37.8	27.3	40.9



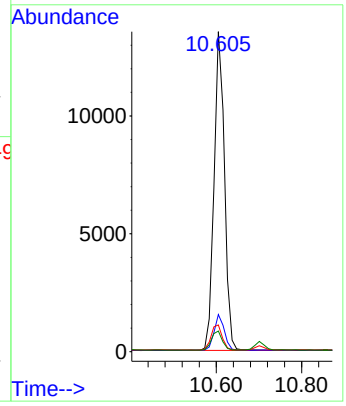


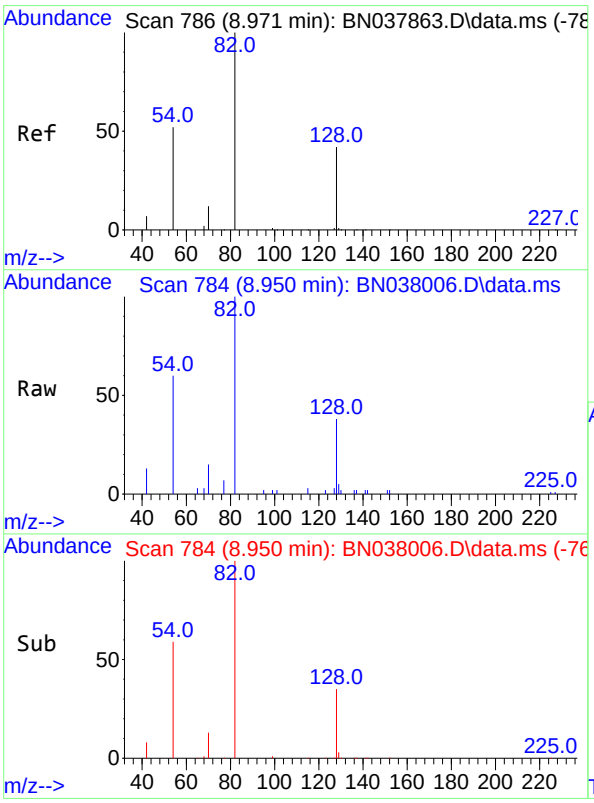
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:136 Resp: 22929

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.3	5.8	8.8
68	6.5	4.3	6.5

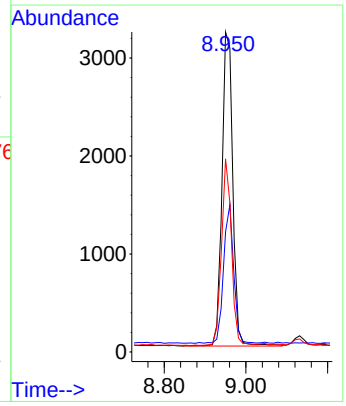


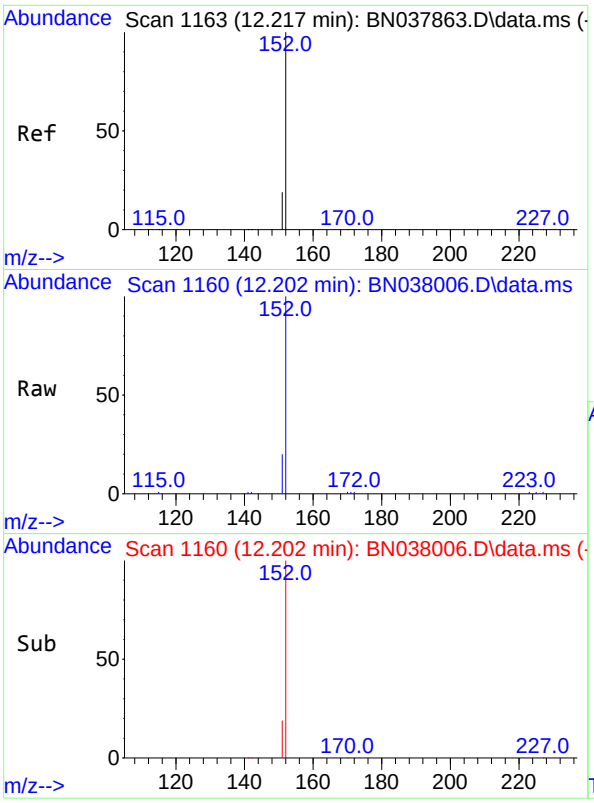


#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion: 82 Resp: 5867

Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.8	52.2
54	60.3	42.2	63.2



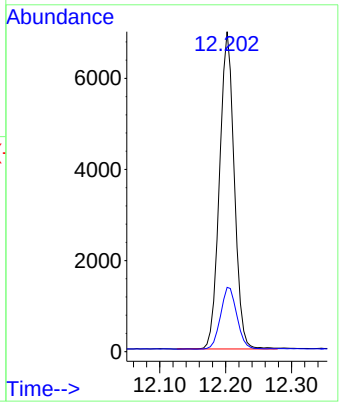


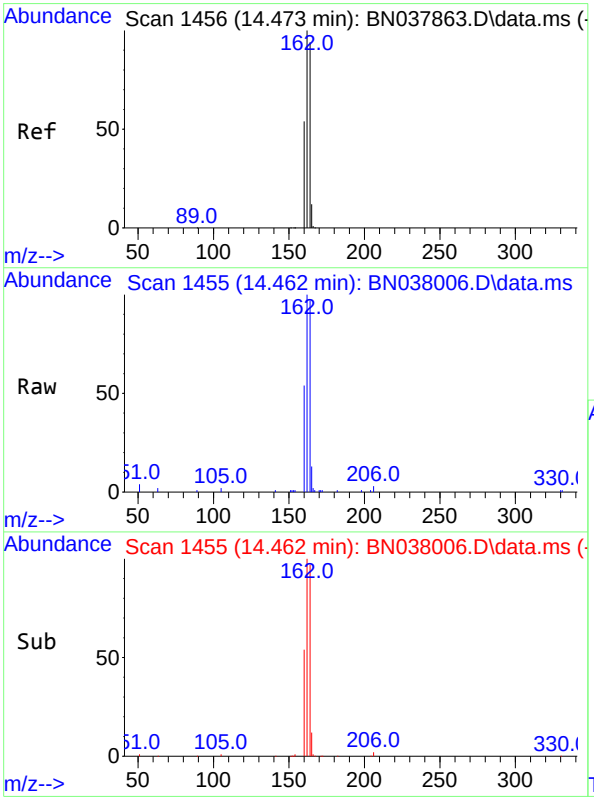
#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.202 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:152 Resp: 10871

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.2

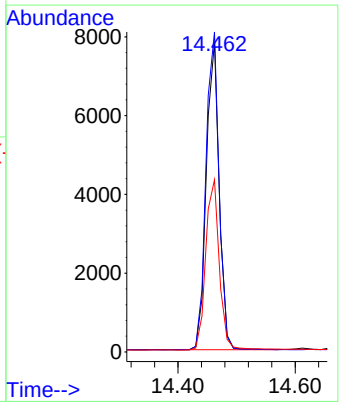


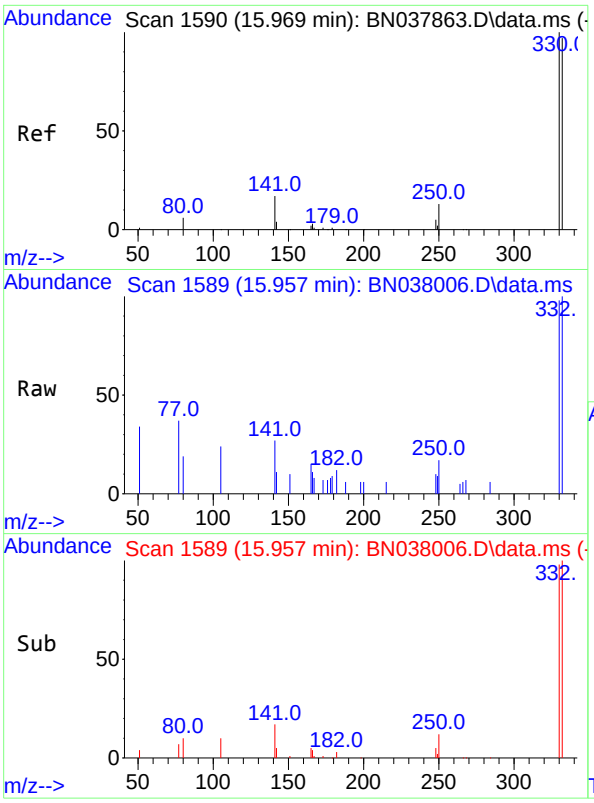


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion:164 Resp: 11897

Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.8	127.2
160	55.5	46.1	69.1



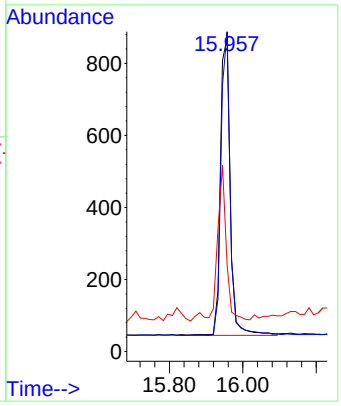


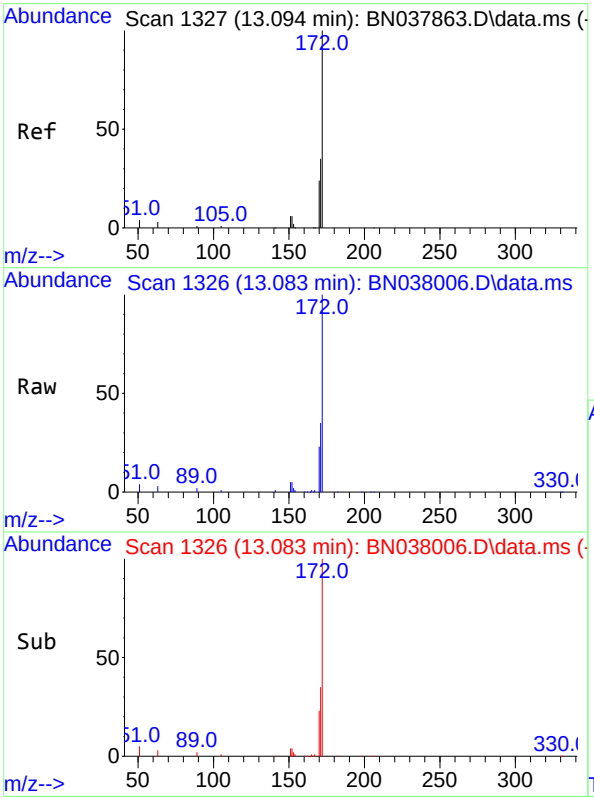
#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.957 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:330 Resp: 1531

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	44.4	37.2	55.8

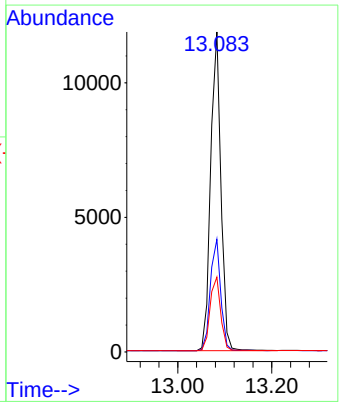


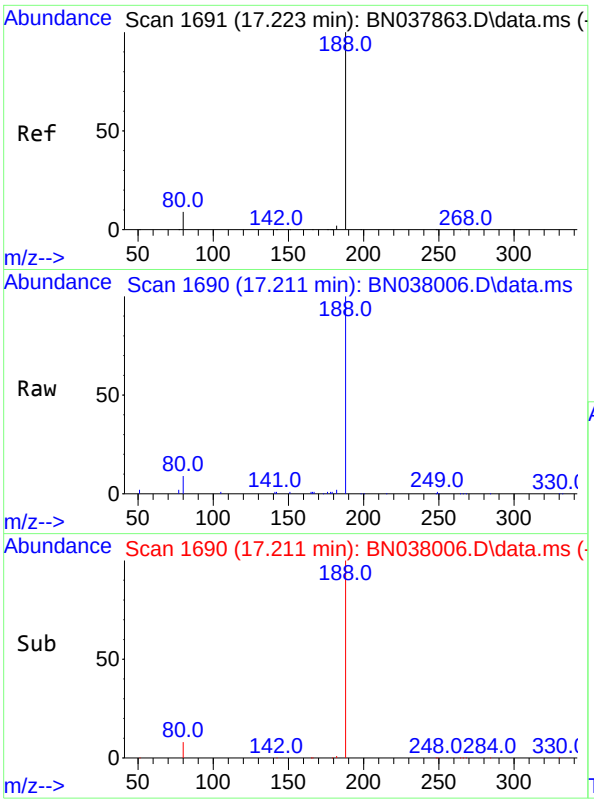


#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion:172 Resp: 17022

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.4	19.7	29.5



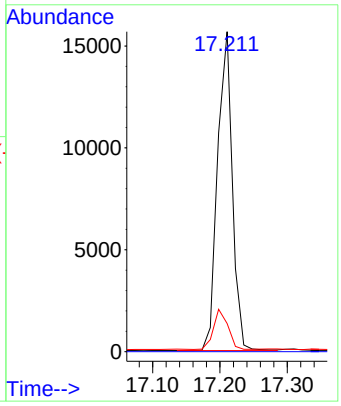


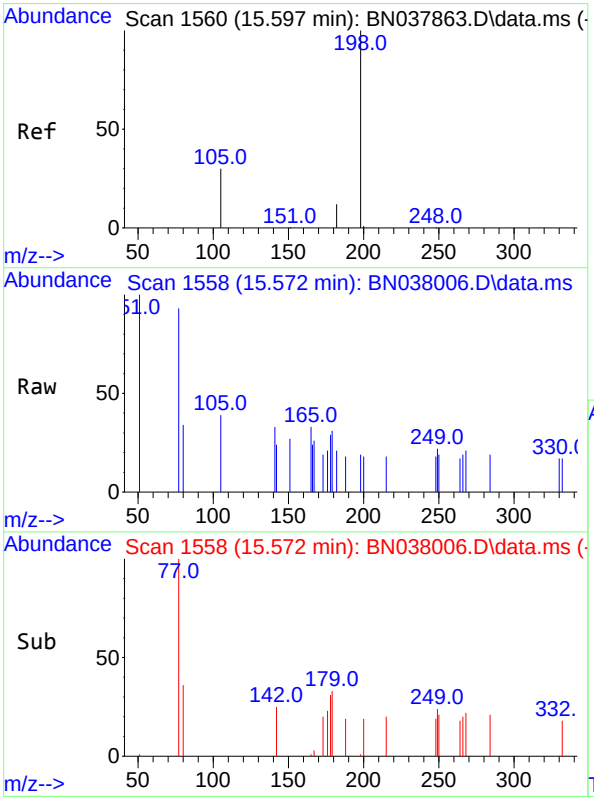
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:188 Resp: 23841

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.6	11.4

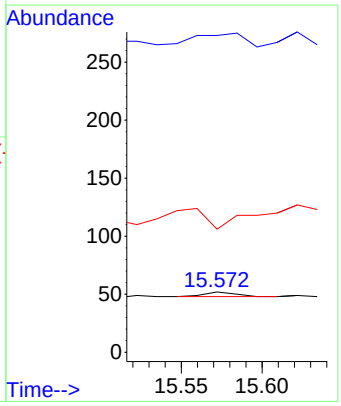


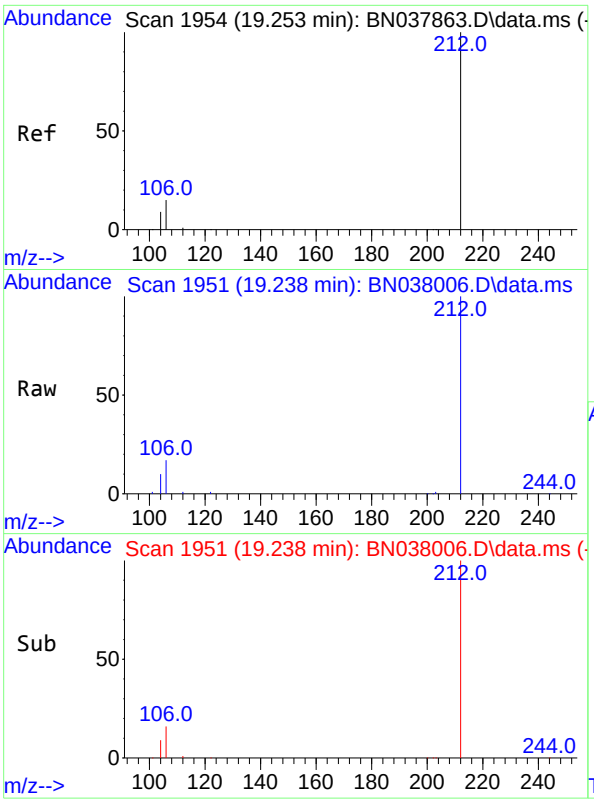


#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.572 min Scan# 1558
Delta R.T. -0.025 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	525.0	59.1	88.7#
105	203.8	41.3	61.9#



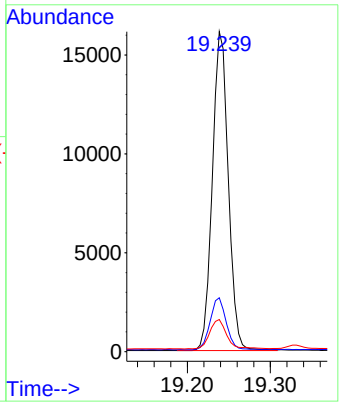


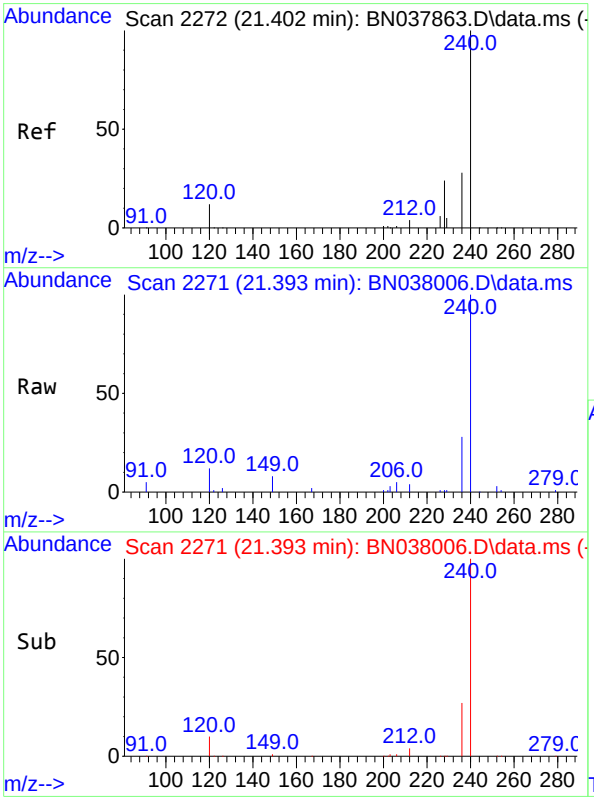
#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.238 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:212 Resp: 21483

Ion	Ratio	Lower	Upper
212	100		
106	16.4	12.6	19.0
104	9.8	7.4	11.0

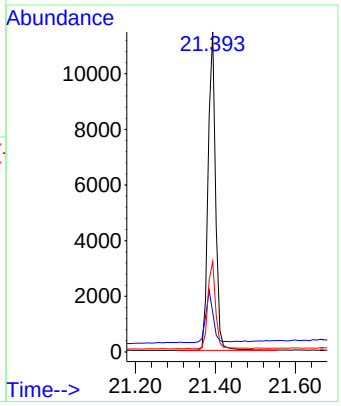


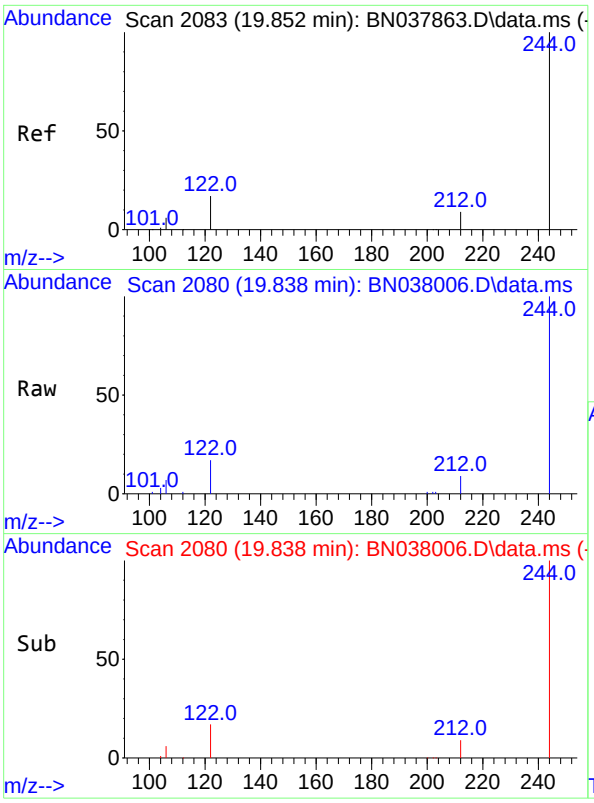


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion:240 Resp: 14883

Ion	Ratio	Lower	Upper
240	100		
120	12.3	11.4	17.2
236	28.2	23.0	34.6



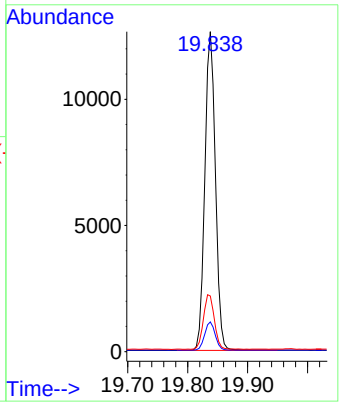


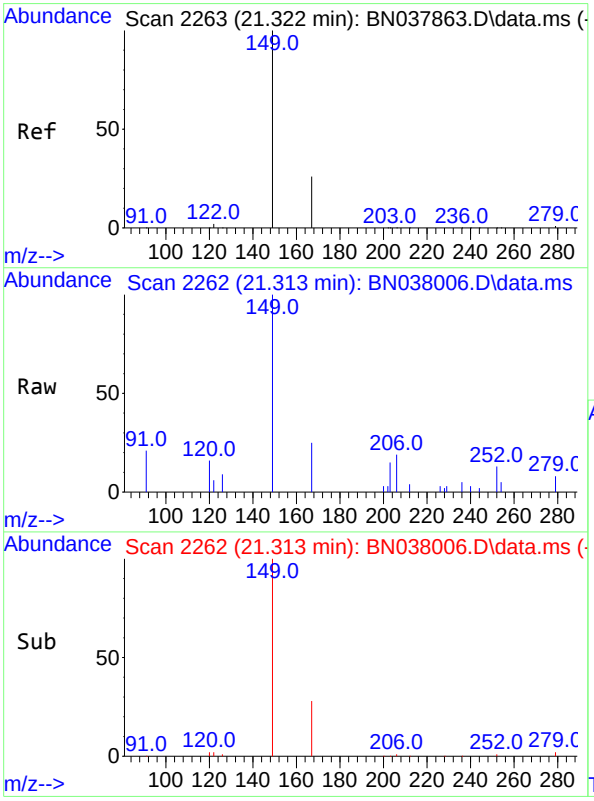
#31
Terphenyl-d14
Concen: 0.523 ng
RT: 19.838 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:244 Resp: 15494

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.6	11.4
122	17.4	13.9	20.9

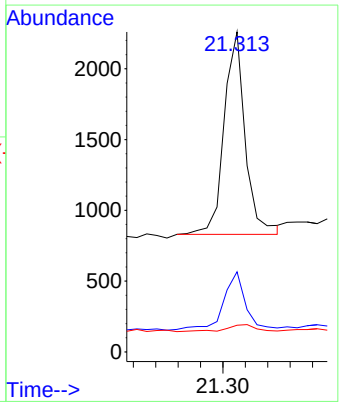


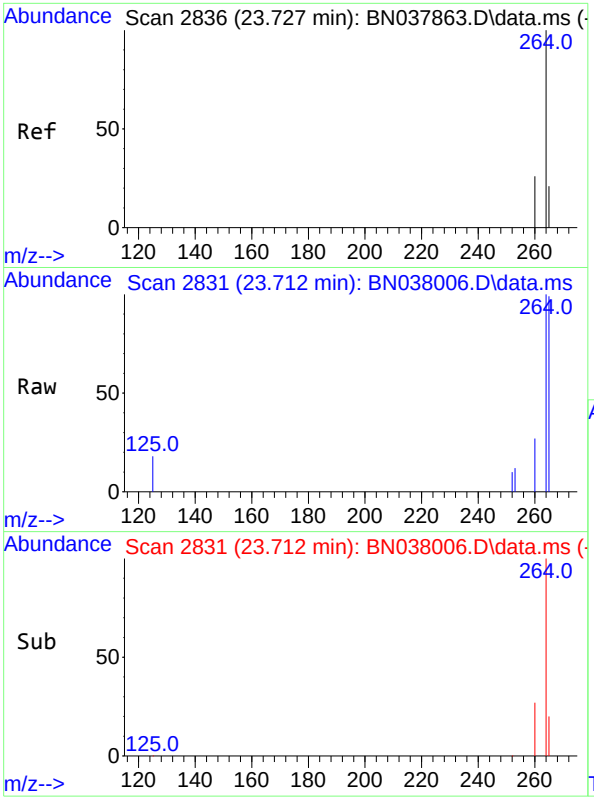


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Tgt Ion:149 Resp: 1873

Ion	Ratio	Lower	Upper
149	100		
167	28.6	20.4	30.6
279	5.1	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN038006.D
Acq: 06 Oct 2025 12:31

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922

Tgt Ion:264 Resp: 11337

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.5	32.3
265	99.5	53.8	80.6#