Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037972.D
Acq On : 01 Oct 2025 07:49
Operator : RC/JU
Sample : Q3193-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Quant Time: Oct 01 10:36:24 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	7.811	152	7339	0.400	ng	-0.01
7) Naphthalene-d8	10.615	136	21391	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11392	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	23692	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	24495	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	21866	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3091	0.185	ng	0.00
5) Phenol-d6	6.966	99	2664	0.121	ng	0.00
8) Nitrobenzene-d5	8.960	82	4872	0.299	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	8857	0.298	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1498	0.347	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	15128	0.324	ng	-0.01
27) Fluoranthene-d10	19.243	212	25218	0.423	ng	0.00
31) Terphenyl-d14	19.842	244	20926	0.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2091	0.281	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.597	198	7	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.312	149	7882	0.233	ng	# 97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037972.D
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Quant Time: Oct 01 10:36:24 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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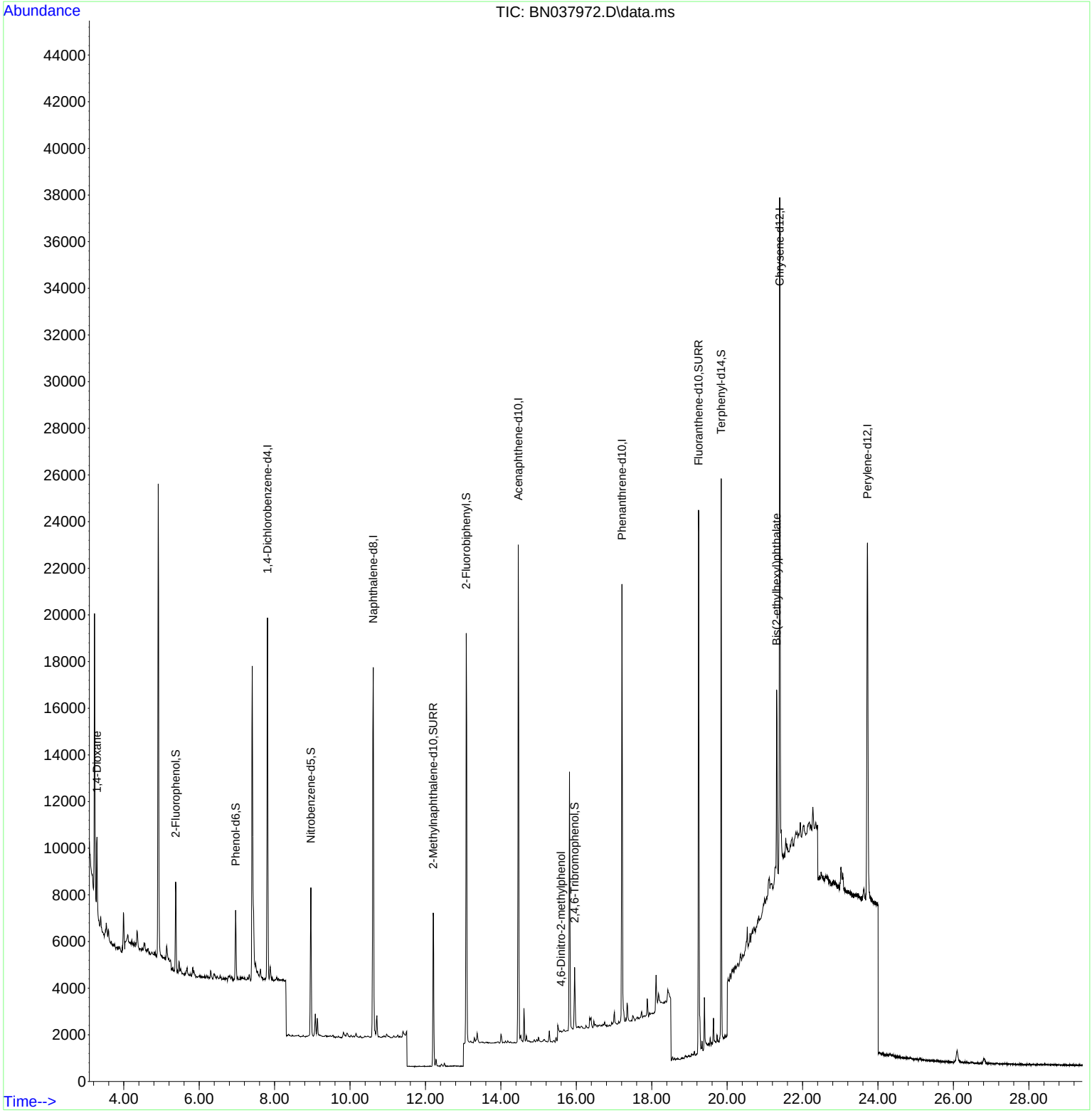
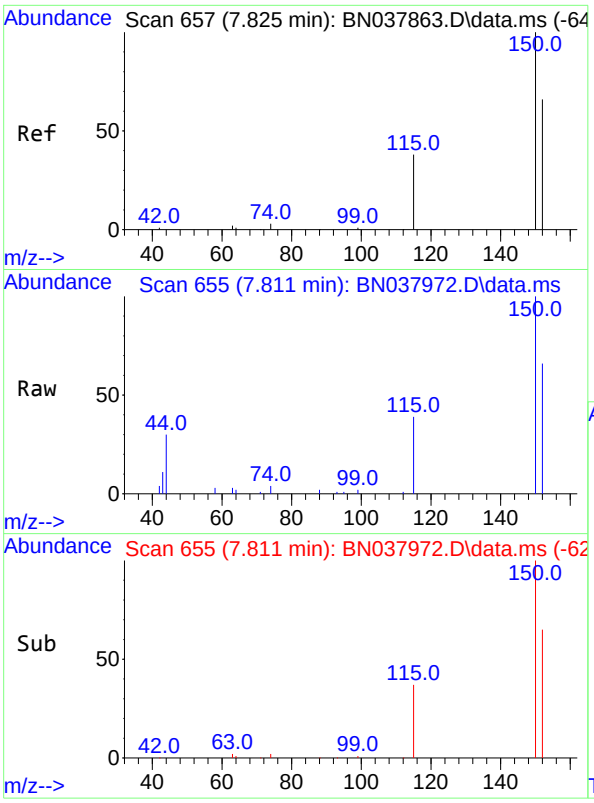


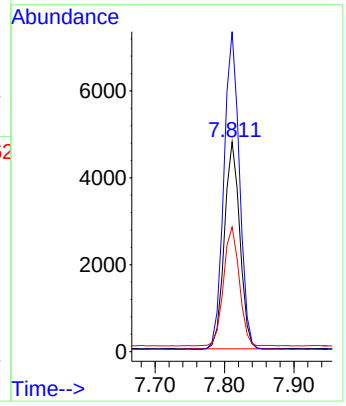


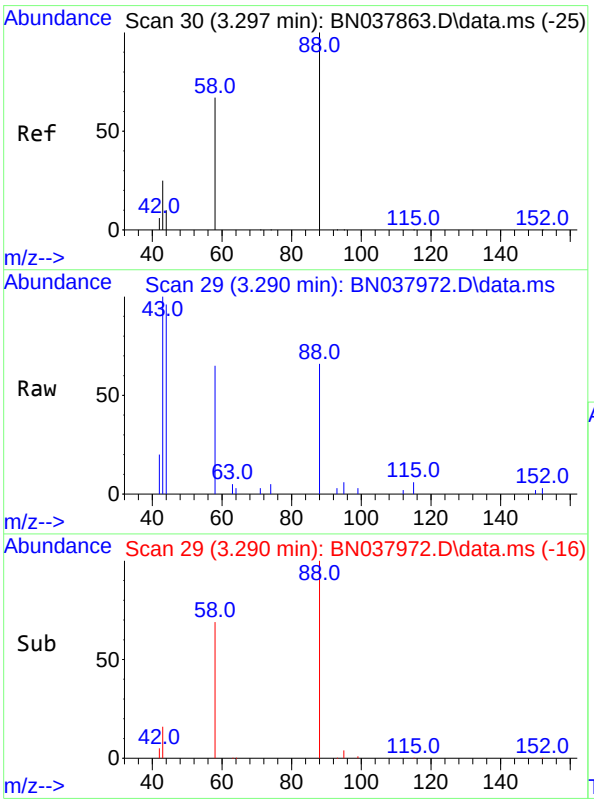
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:152 Resp: 7339

Ion	Ratio	Lower	Upper
152	100		
150	152.4	121.0	181.4
115	59.3	47.4	71.0

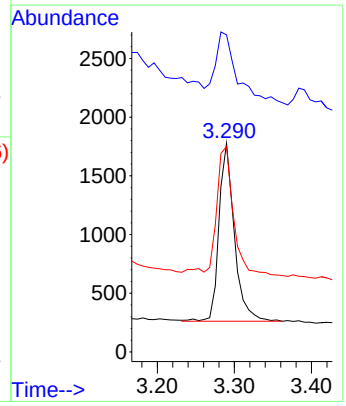


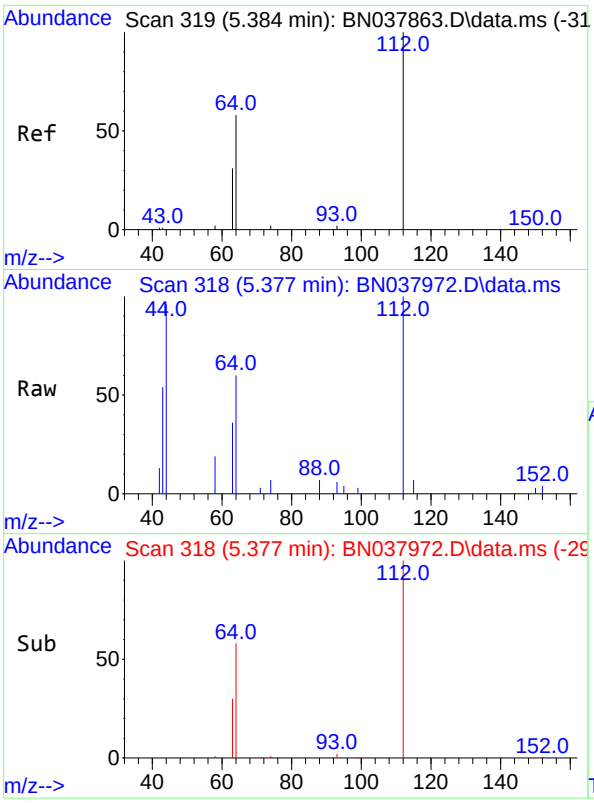


#2
1,4-Dioxane
Concen: 0.281 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.008 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion: 88 Resp: 2091

Ion	Ratio	Lower	Upper
88	100		
43	56.2	26.6	39.8#
58	77.8	58.9	88.3



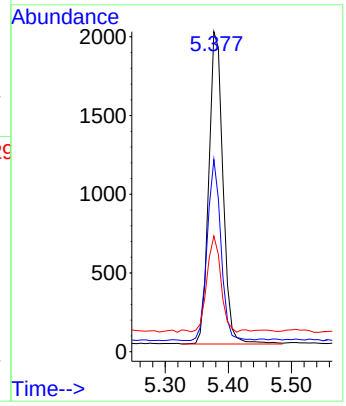


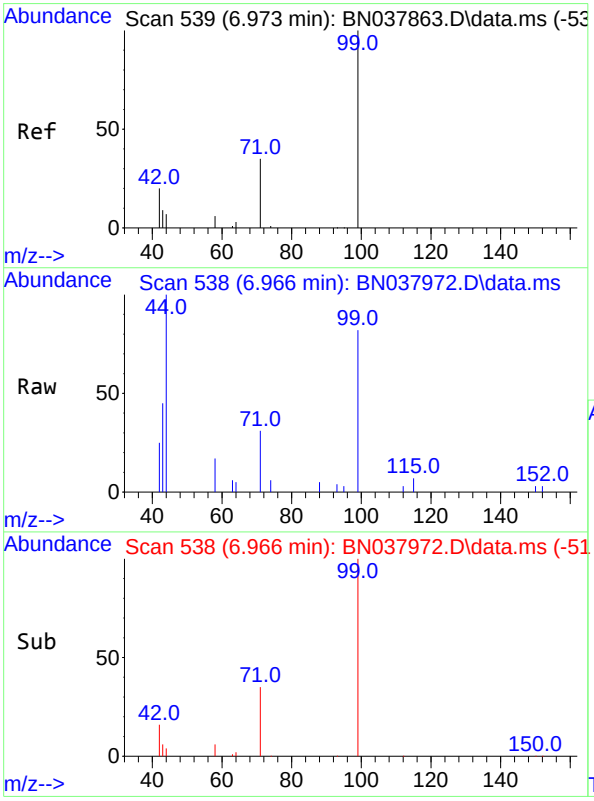
#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.377 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:112 Resp: 3091

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.6	66.8
63	30.6	24.9	37.3

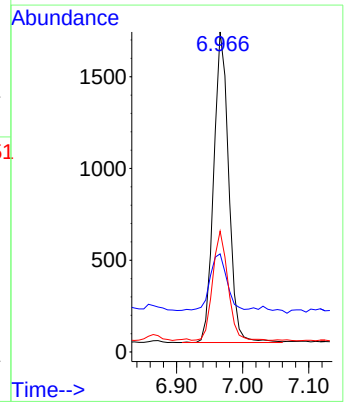


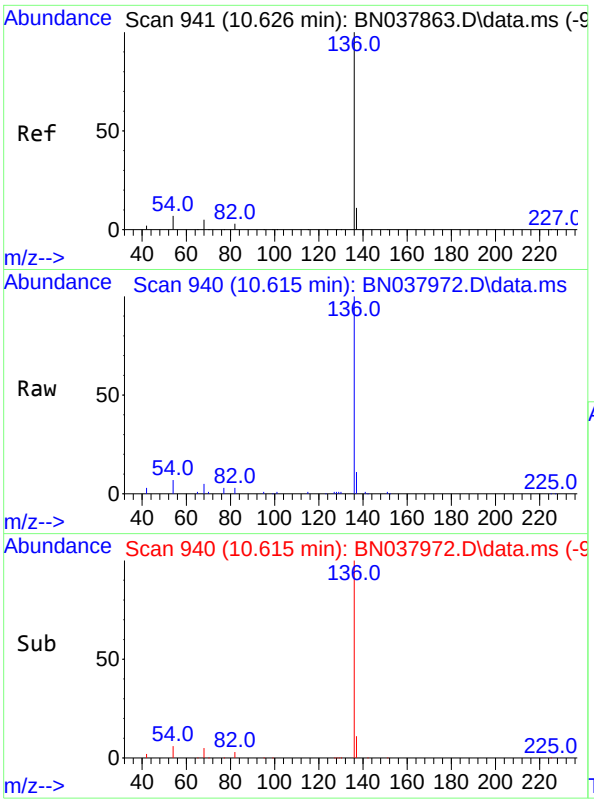


#5
Phenol-d6
Concen: 0.121 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.008 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion: 99 Resp: 2664

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.2	25.8
71	35.7	27.3	40.9



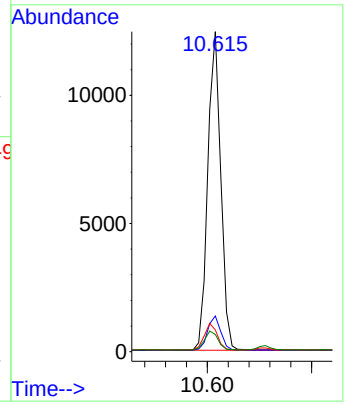


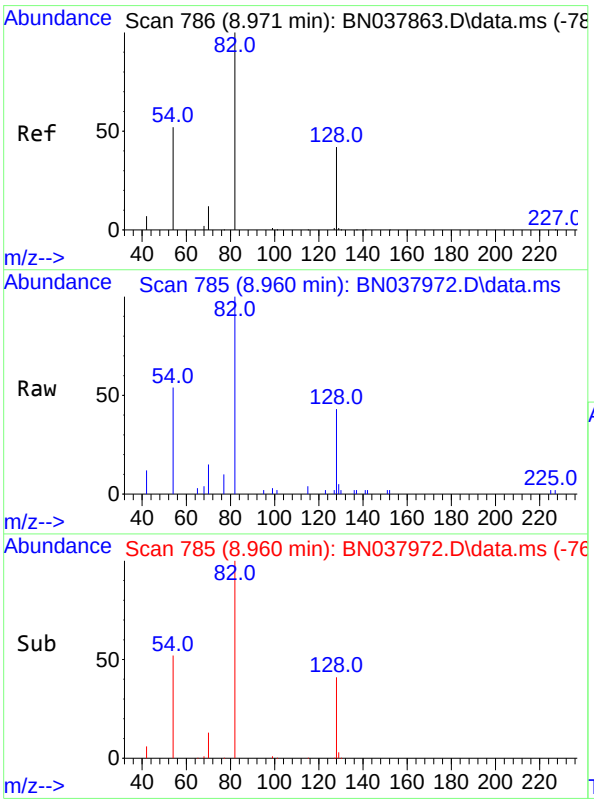
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:136 Resp: 21391

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.8	5.8	8.8
68	5.4	4.3	6.5

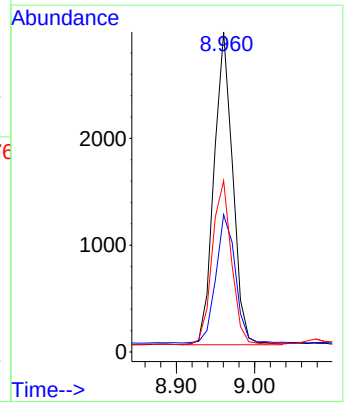


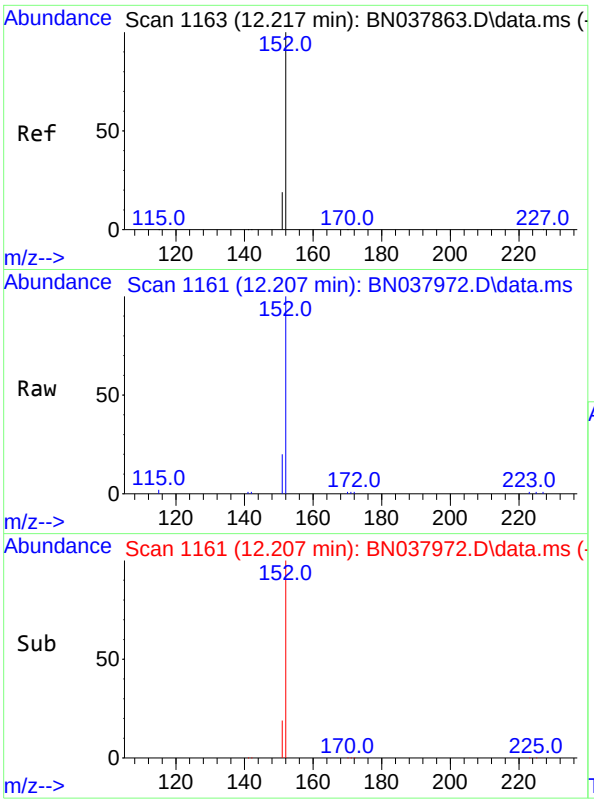


#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.960 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion: 82 Resp: 4872

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.8	52.2
54	53.5	42.2	63.2



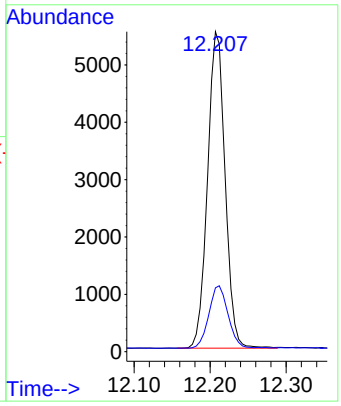


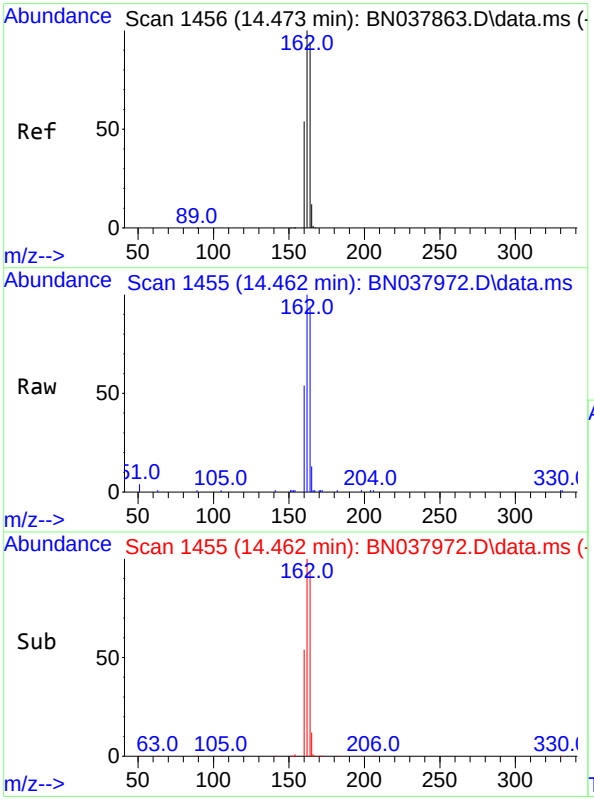
#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.207 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:152 Resp: 8857

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.2

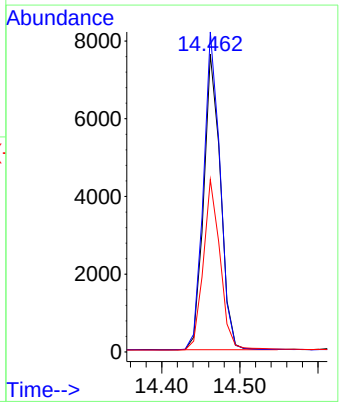


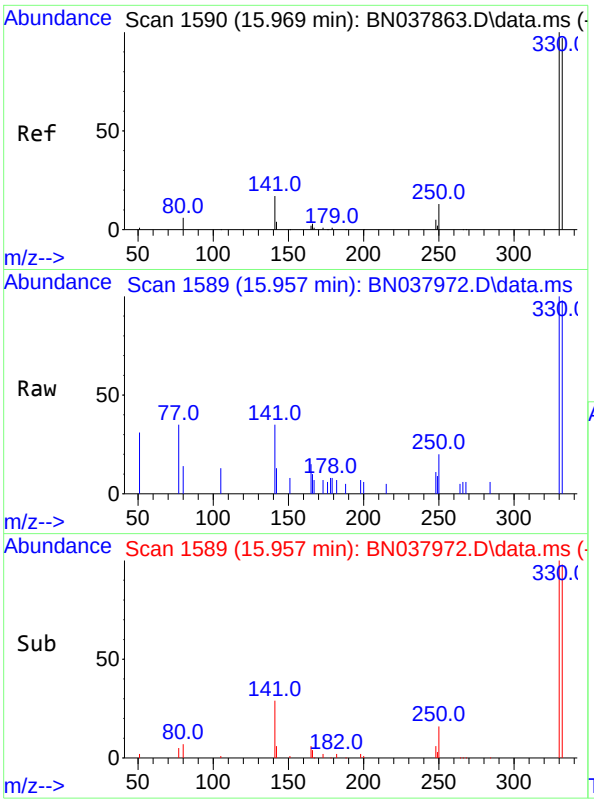


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion:164 Resp: 11392

Ion	Ratio	Lower	Upper
164	100		
162	107.5	84.8	127.2
160	57.8	46.1	69.1



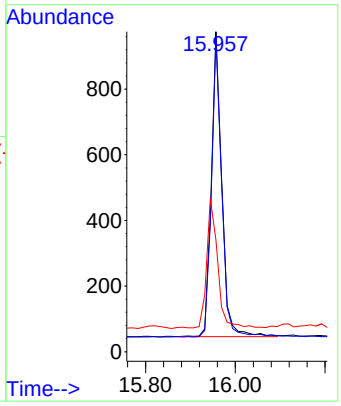


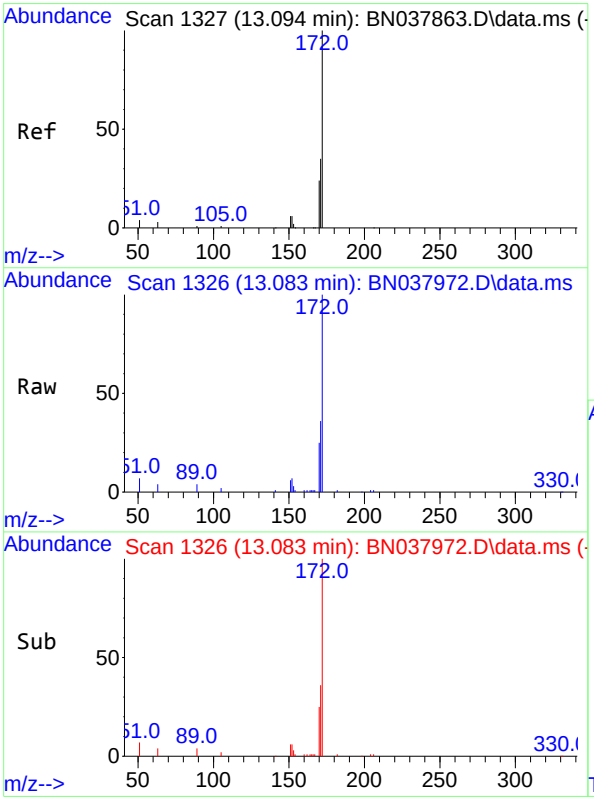
#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.957 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:330 Resp: 1498

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	44.1	37.2	55.8

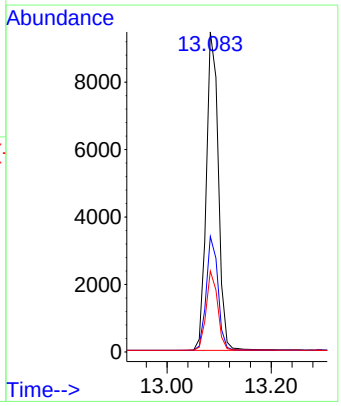


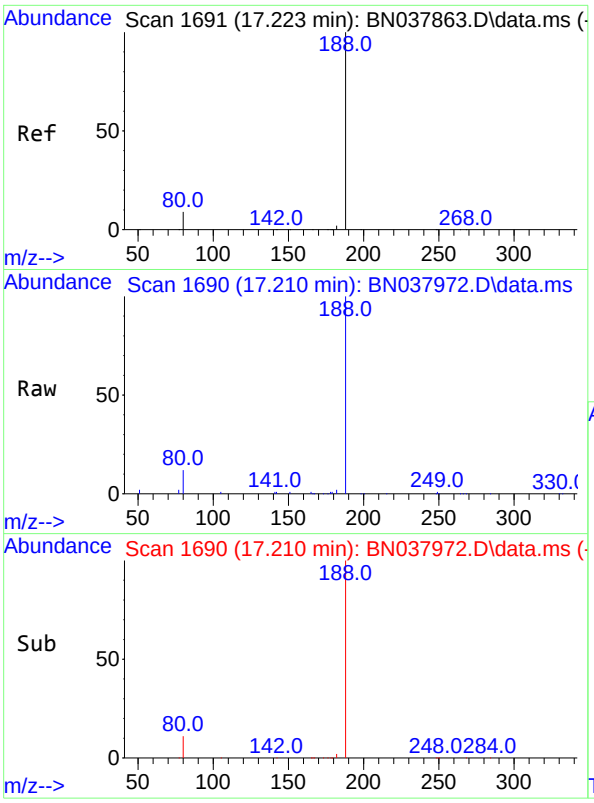


#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion:172 Resp: 15128

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	25.3	19.7	29.5



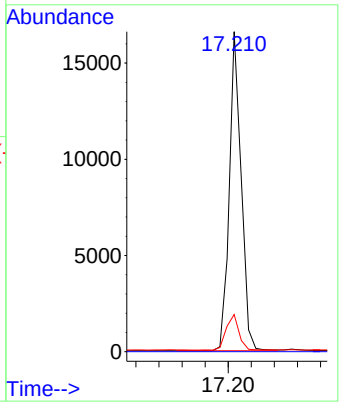


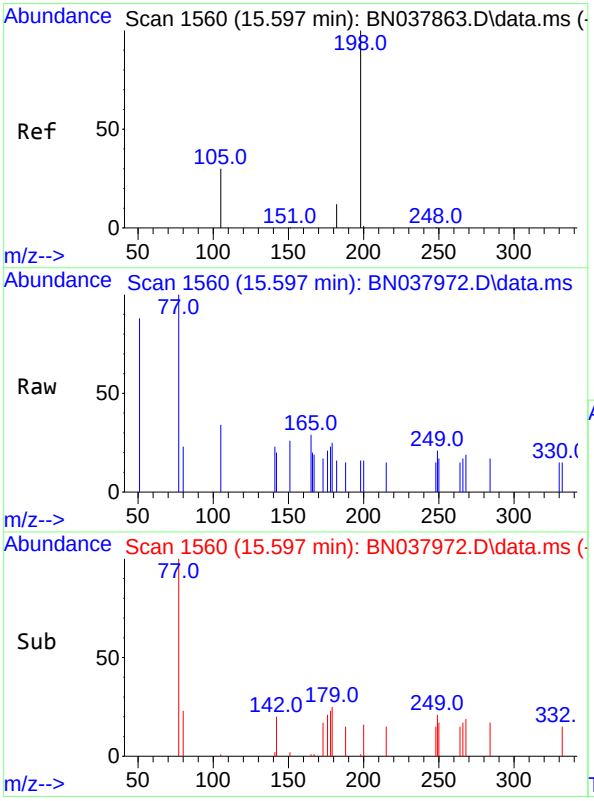
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:188 Resp: 23692

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.6	11.4#

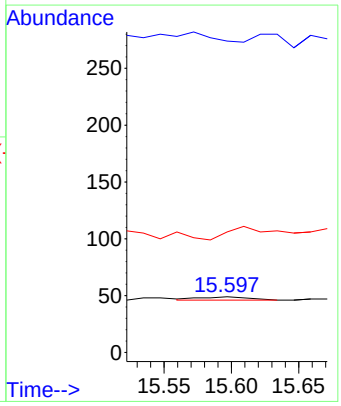


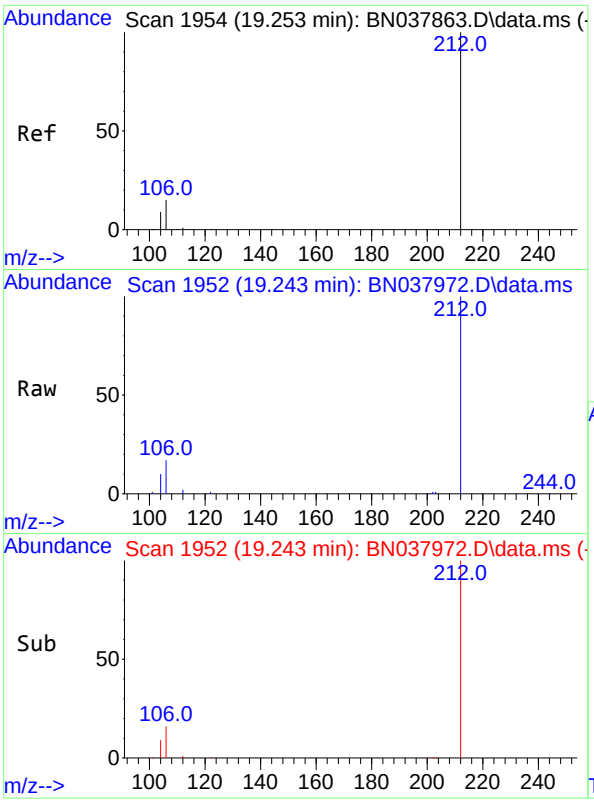


#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion:198 Resp: 7

Ion	Ratio	Lower	Upper
198	100		
51	559.2	59.1	88.7#
105	216.3	41.3	61.9#



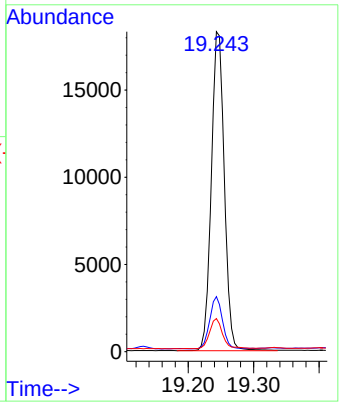


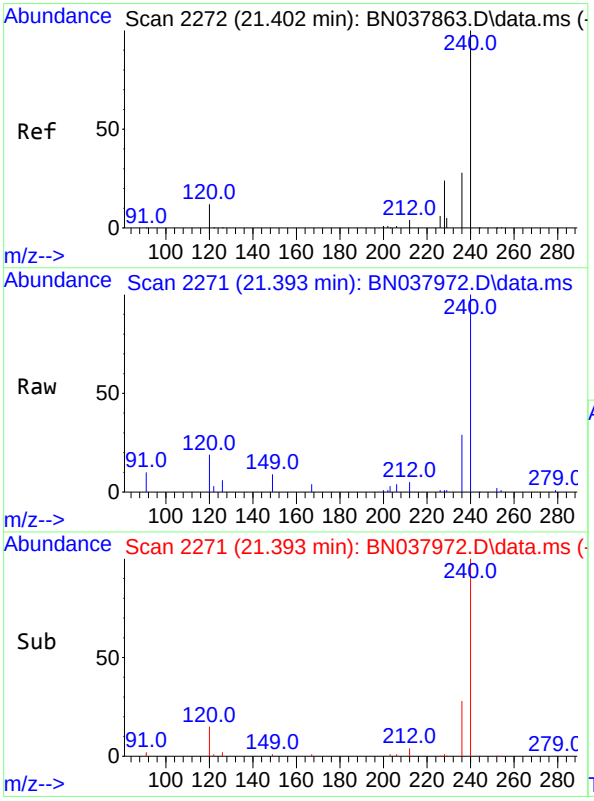
#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.243 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:212 Resp: 25218

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.6	19.0
104	9.5	7.4	11.0

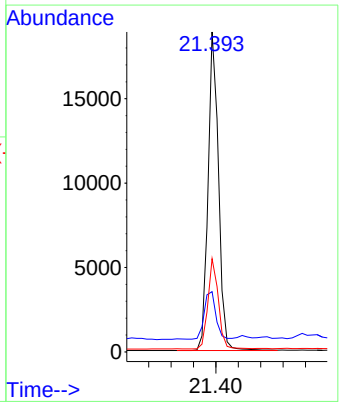


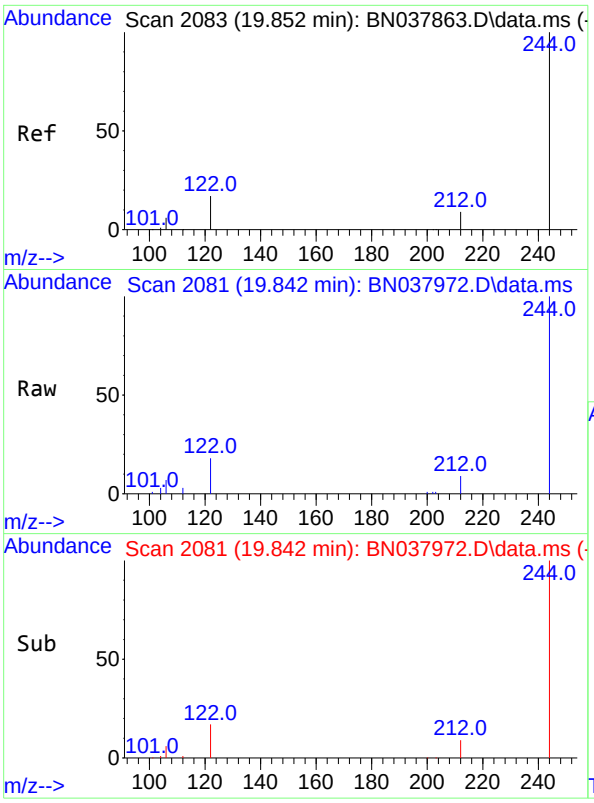


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion:240 Resp: 24495

Ion	Ratio	Lower	Upper
240	100		
120	18.8	11.4	17.2#
236	29.1	23.0	34.6



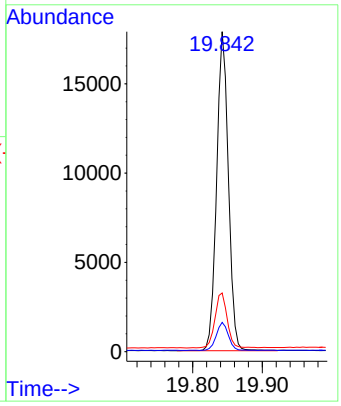


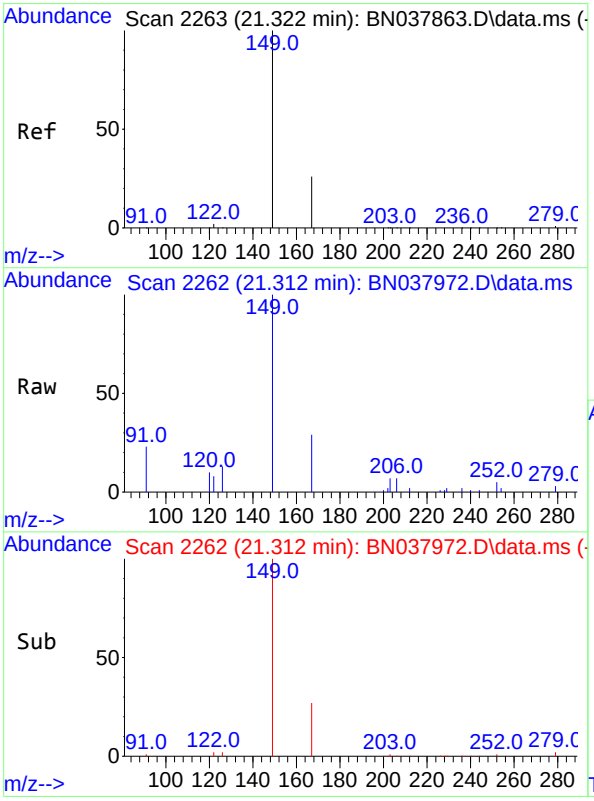
#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.842 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:244 Resp: 20926

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.6	11.4
122	18.3	13.9	20.9

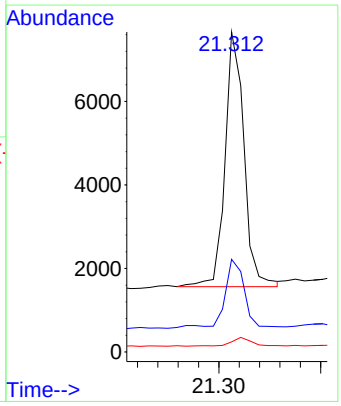


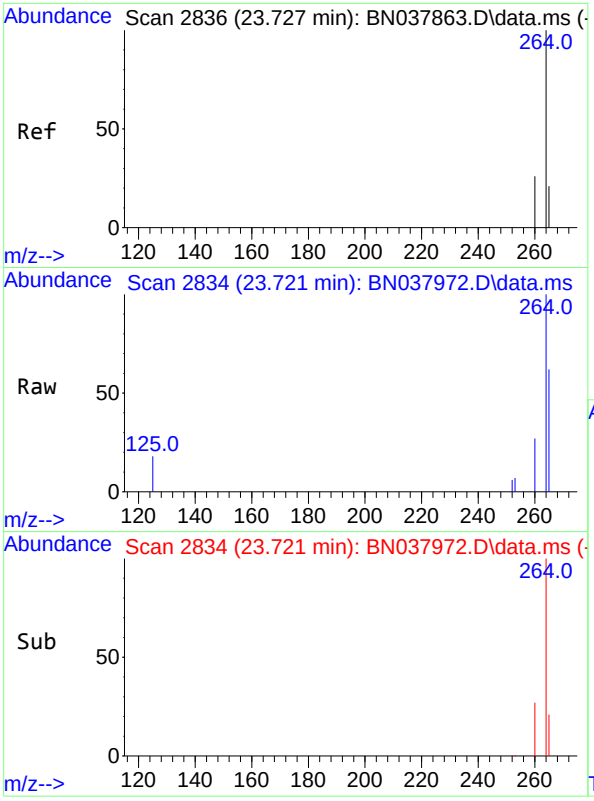


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.233 ng
RT: 21.312 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Tgt Ion:149 Resp: 7882

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.4	30.6
279	3.9	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.721 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037972.D
Acq: 01 Oct 2025 07:49

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250924

Tgt Ion:264 Resp: 21866

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.5	32.3
265	61.9	53.8	80.6