Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037771.D
Acq On : 18 Sep 2025 10:00
Operator : RC/JU
Sample : Q3097-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Quant Time: Sep 18 10:46:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	8062	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	22030	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	10128	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	18234	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	14812	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	15070	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2208	0.119	ng	0.00
5) Phenol-d6	6.988	99	1567	0.065	ng	0.00
8) Nitrobenzene-d5	8.982	82	5146	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	8314	0.285	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	990	0.375	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	13153	0.311	ng	0.00
27) Fluoranthene-d10	19.262	212	15813	0.345	ng	0.00
31) Terphenyl-d14	19.861	244	11370	0.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	3093	0.368	ng	# 88
3) n-Nitrosodimethylamine	3.528	42	2721	0.248	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.340	149	2775	0.181	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
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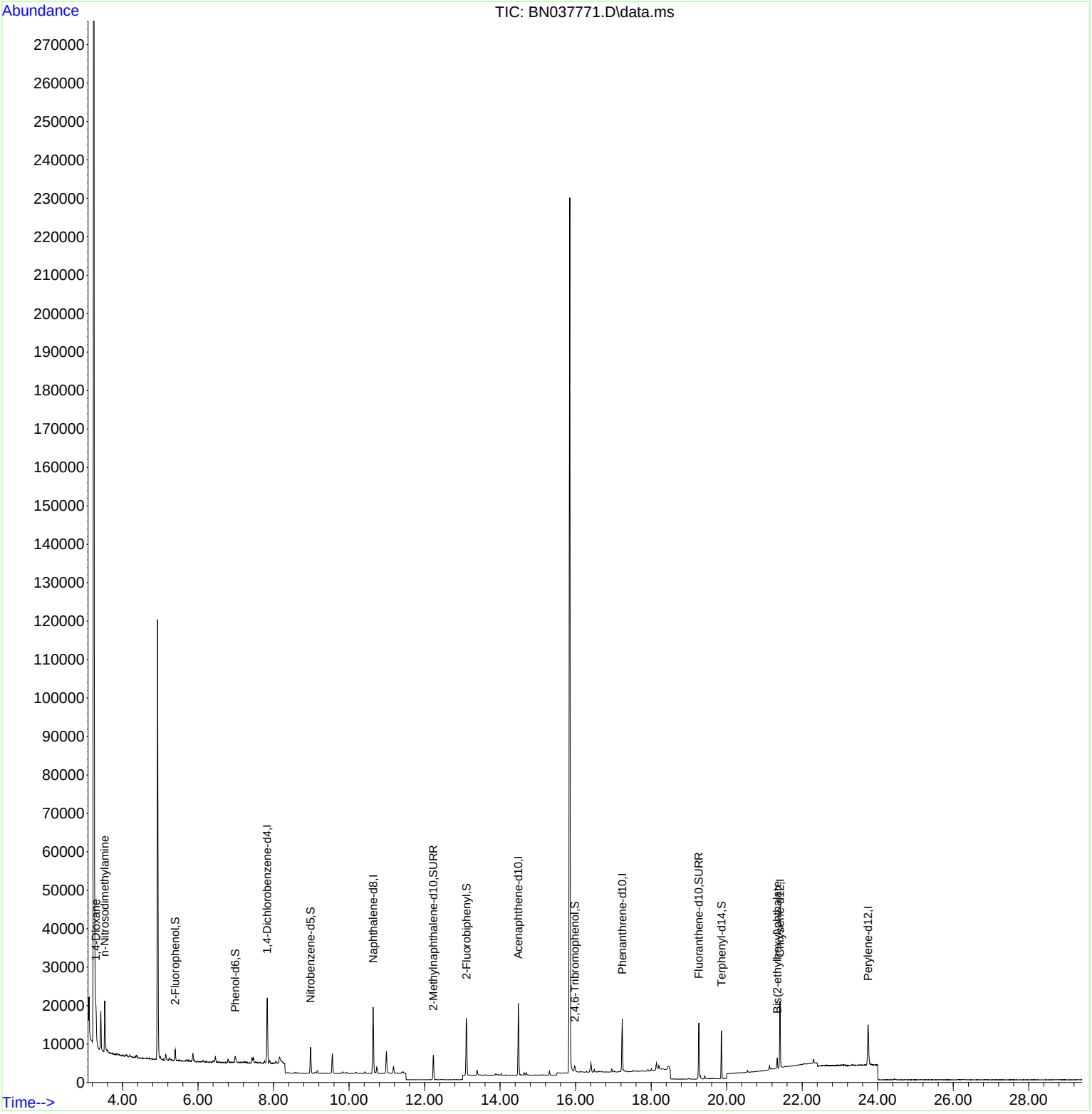
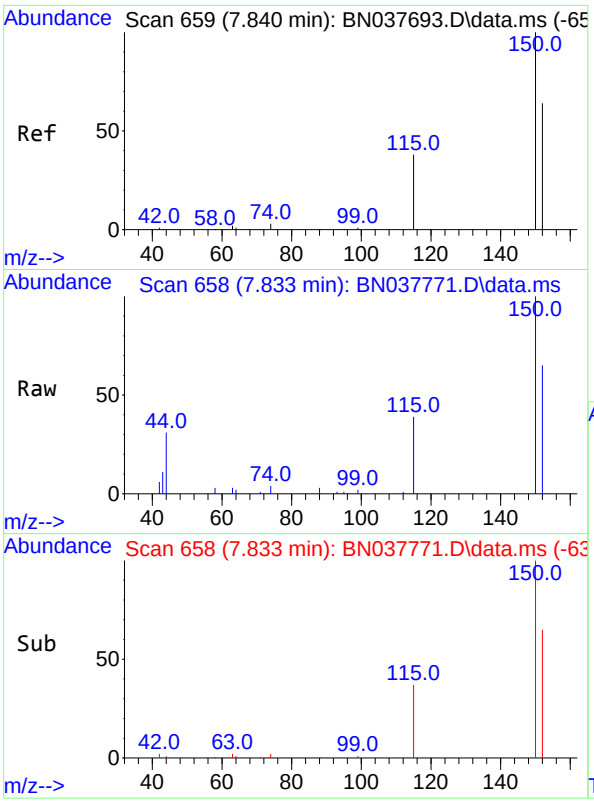


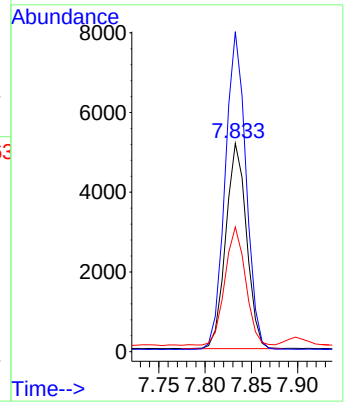


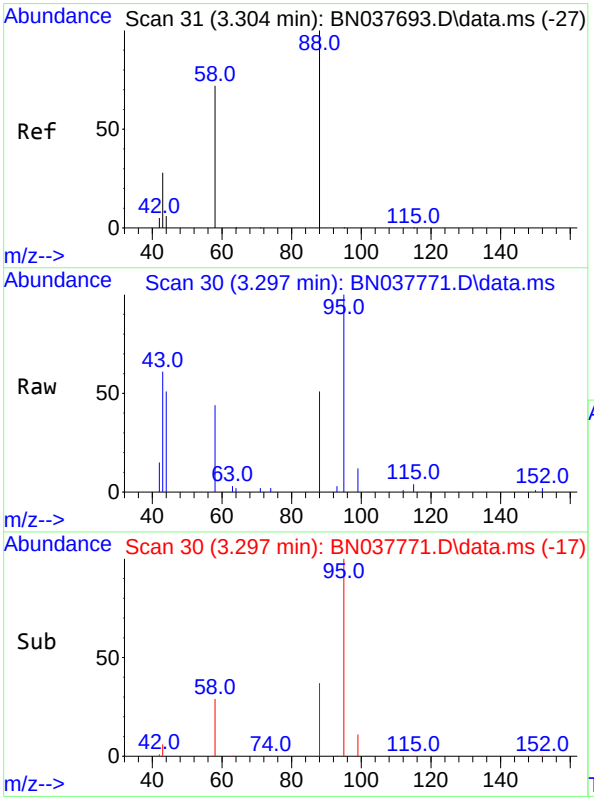
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Tgt Ion:152 Resp: 8062

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.5	186.7
115	59.8	49.2	73.8

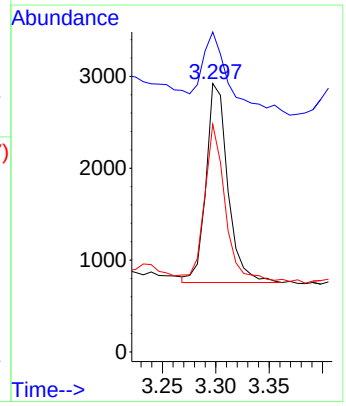


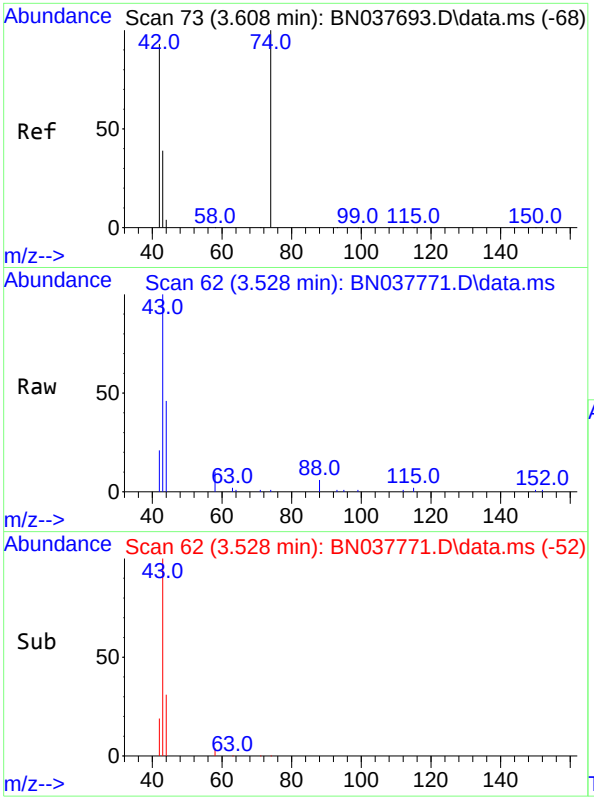


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion: 88 Resp: 3093

Ion	Ratio	Lower	Upper
88	100		
43	53.2	26.8	40.2#
58	75.5	61.9	92.9



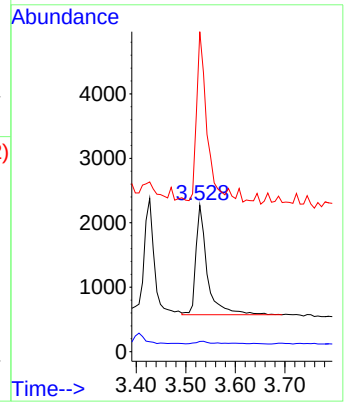


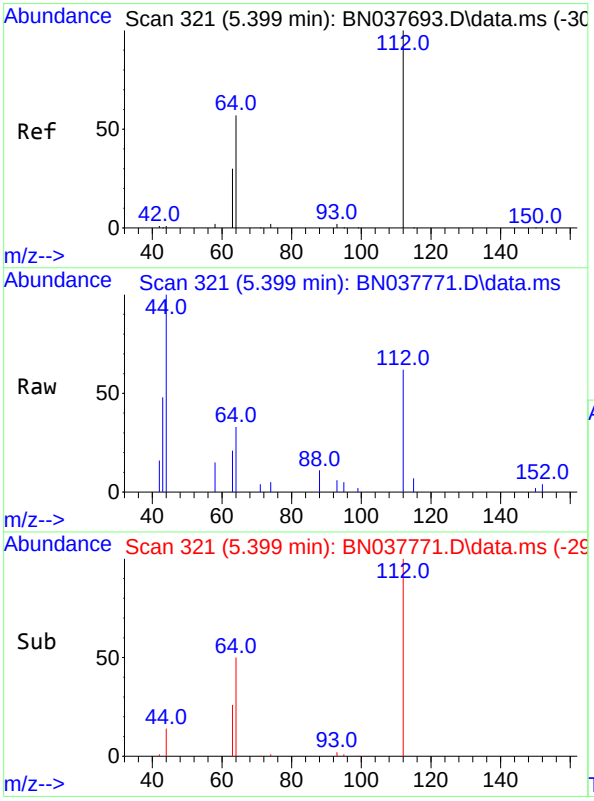
#3
n-Nitrosodimethylamine
Concen: 0.248 ng
RT: 3.528 min Scan# 6
Delta R.T. -0.080 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Tgt Ion: 42 Resp: 2721

Ion	Ratio	Lower	Upper
42	100		
74	2.4	86.0	129.0#
44	139.5	8.4	12.6#

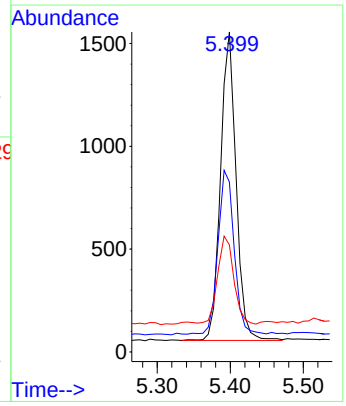


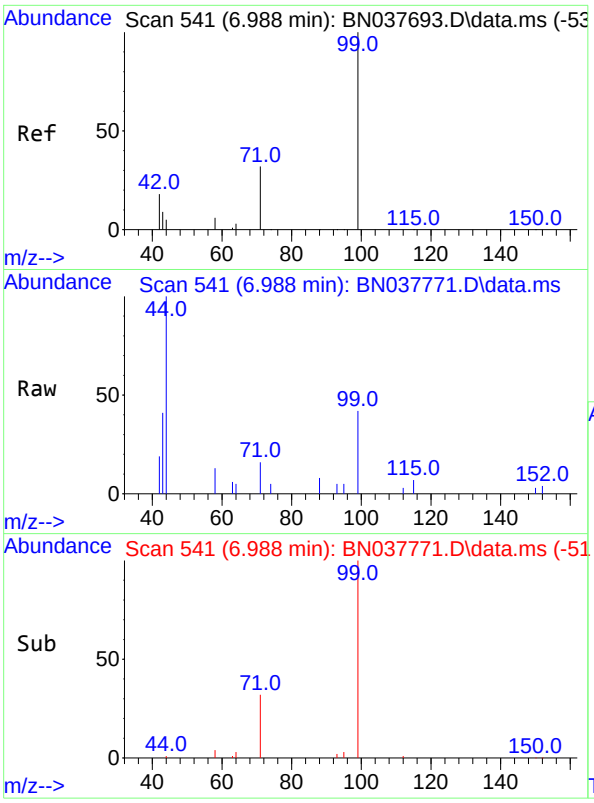


#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion:112 Resp: 2208

Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.9	67.3
63	29.6	24.7	37.1



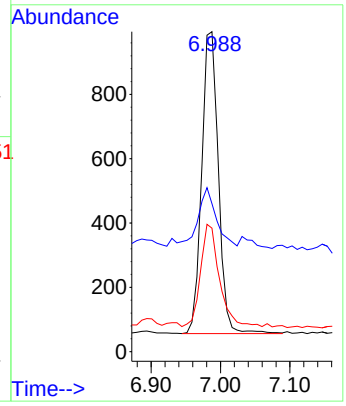


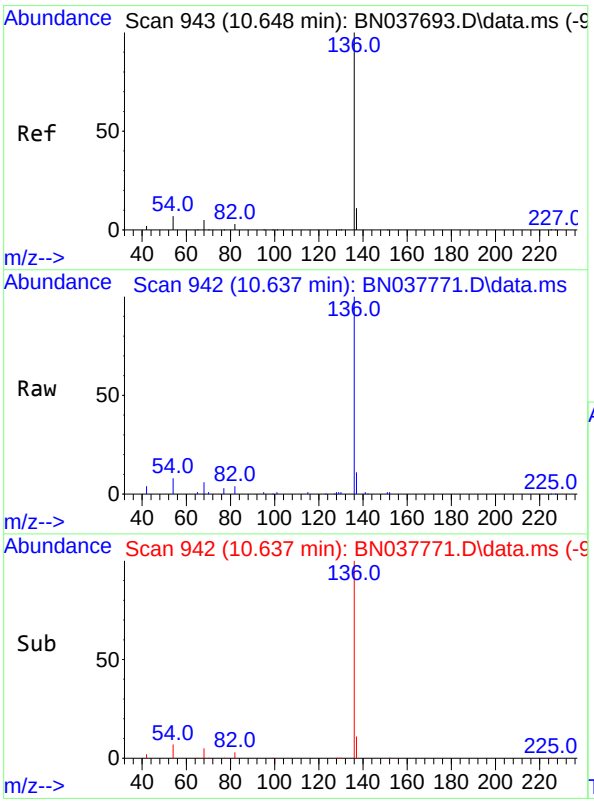
#5
Phenol-d6
Concen: 0.065 ng
RT: 6.988 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Tgt Ion: 99 Resp: 1567

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.6	24.8
71	38.0	26.7	40.1

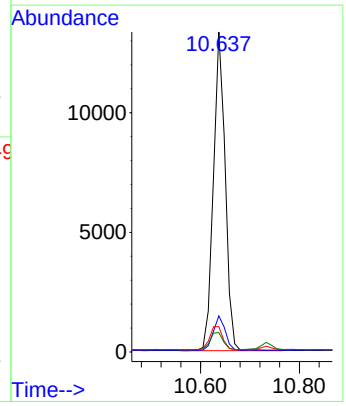


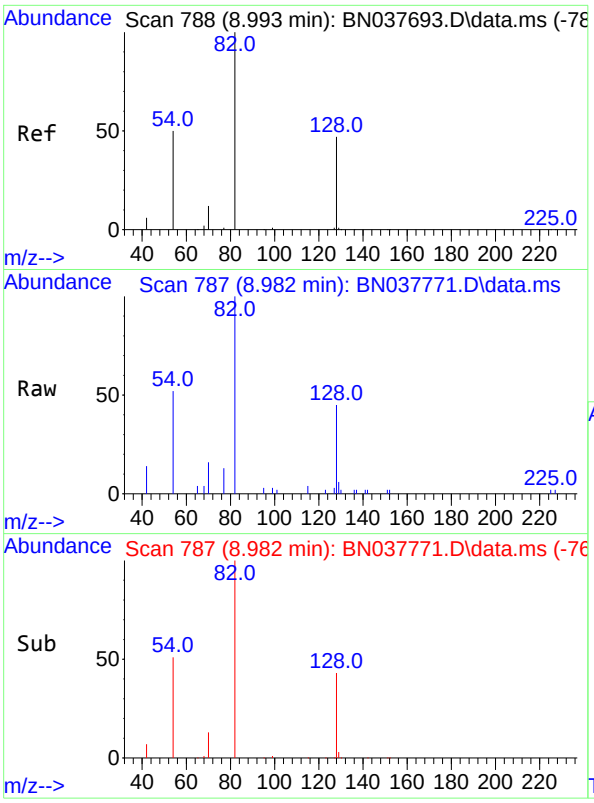


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion:136 Resp: 22030

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.9	6.3	9.5
68	6.0	5.0	7.4



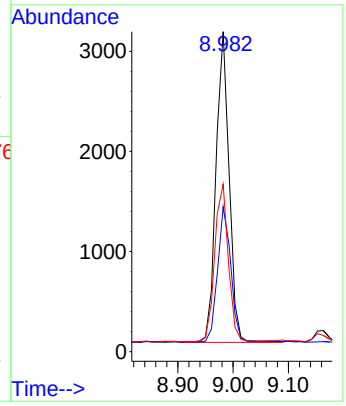


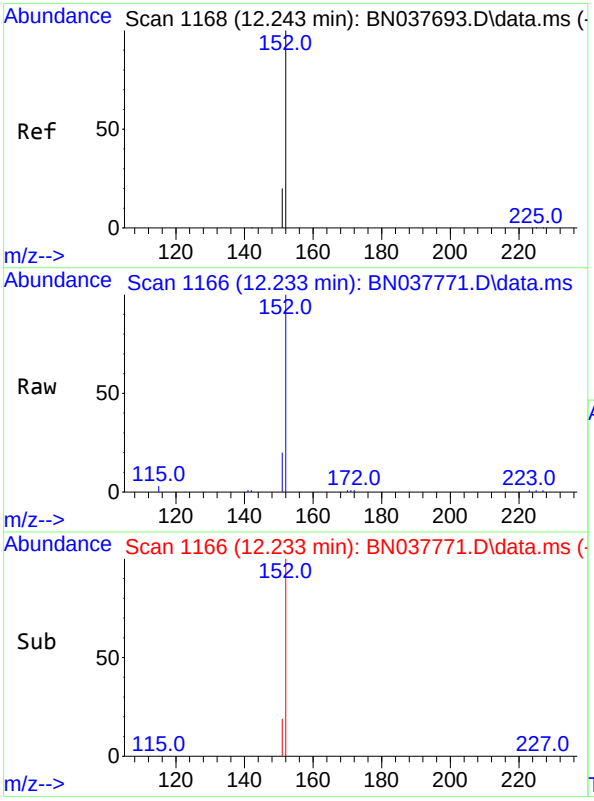
#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.982 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Tgt Ion: 82 Resp: 5146

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.3	57.5
54	52.3	41.4	62.2

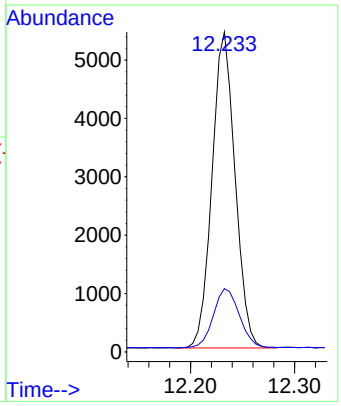


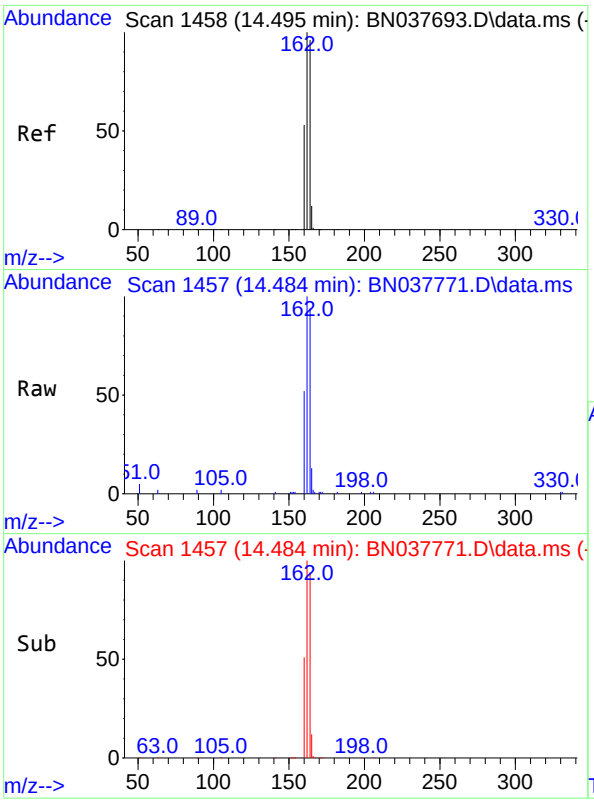


#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion:152 Resp: 8314

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6



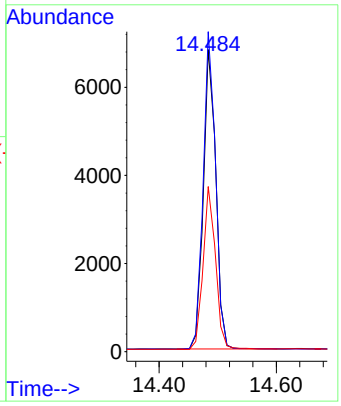


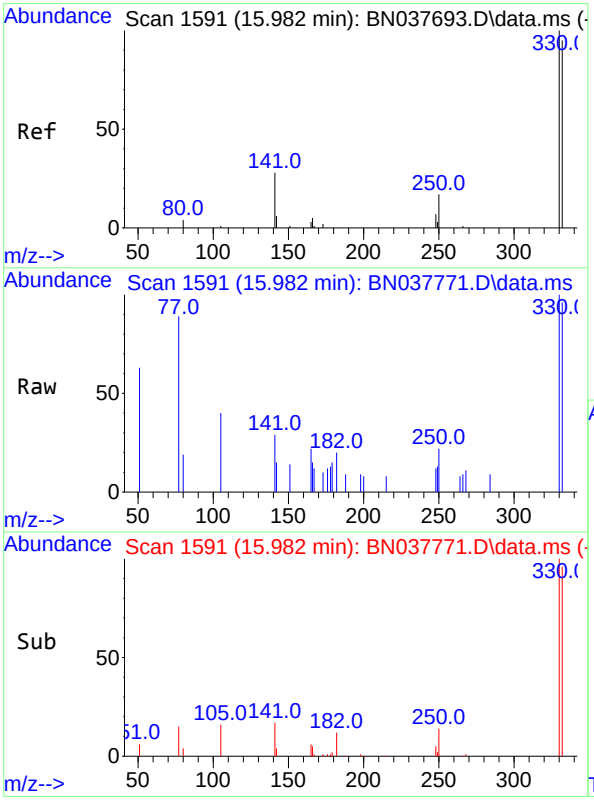
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Tgt Ion:164 Resp: 10128

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.1	124.7
160	54.7	44.3	66.5

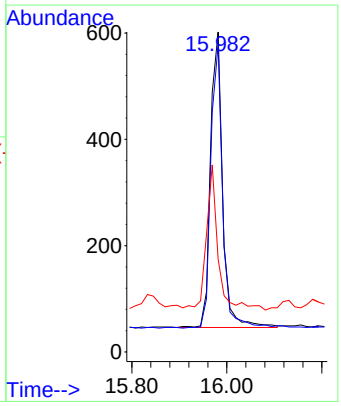


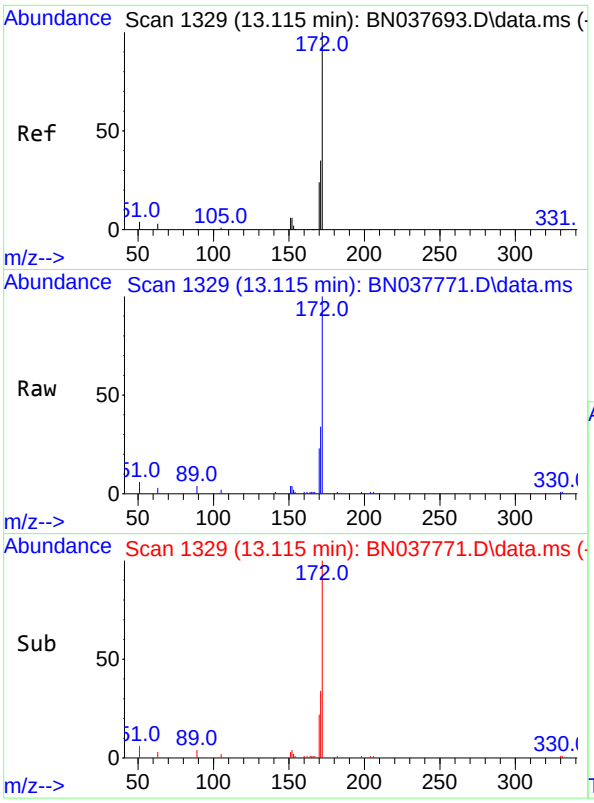


#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion:330 Resp: 990

Ion	Ratio	Lower	Upper
330	100		
332	93.7	75.3	112.9
141	47.3	35.0	52.4



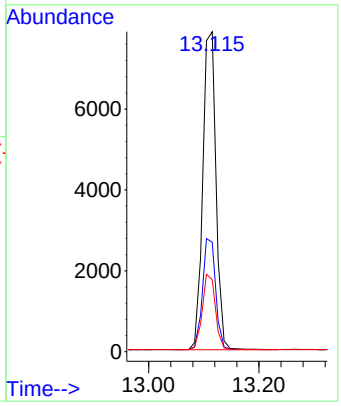


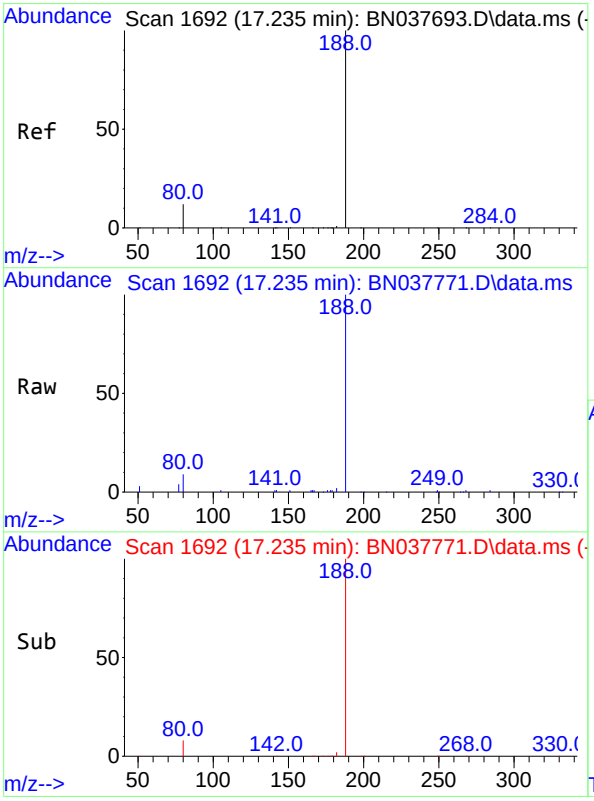
#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Tgt Ion:172 Resp: 13153

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	43.0
170	22.5	19.8	29.8

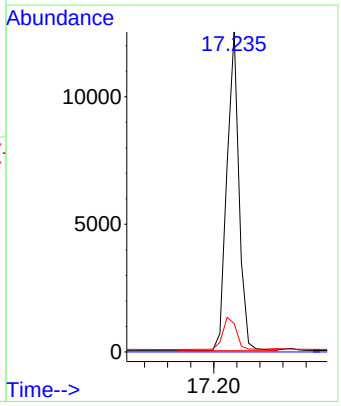


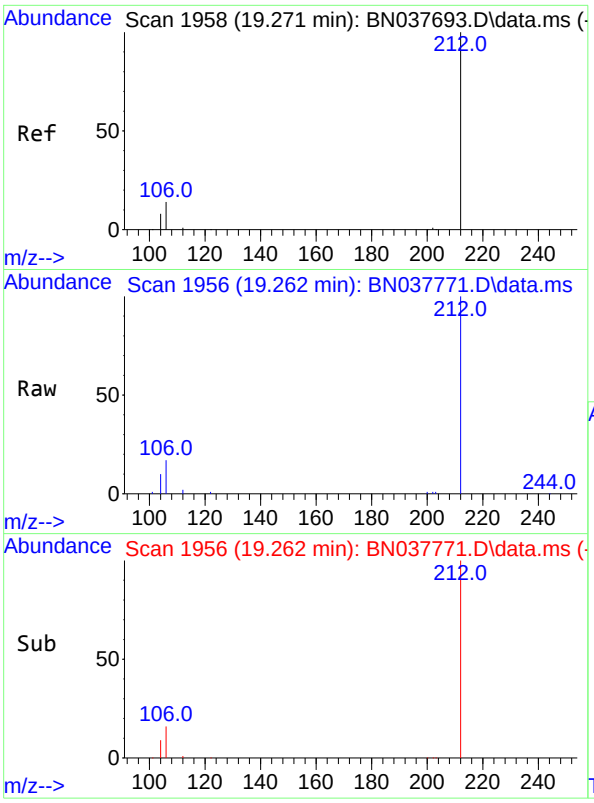


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion:188 Resp: 18234

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	10.6	15.8#



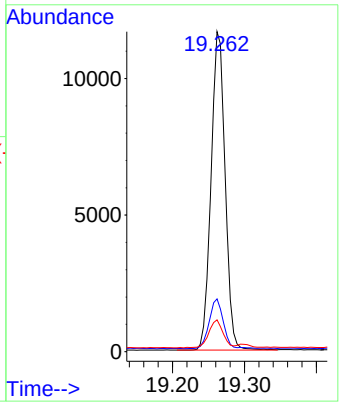


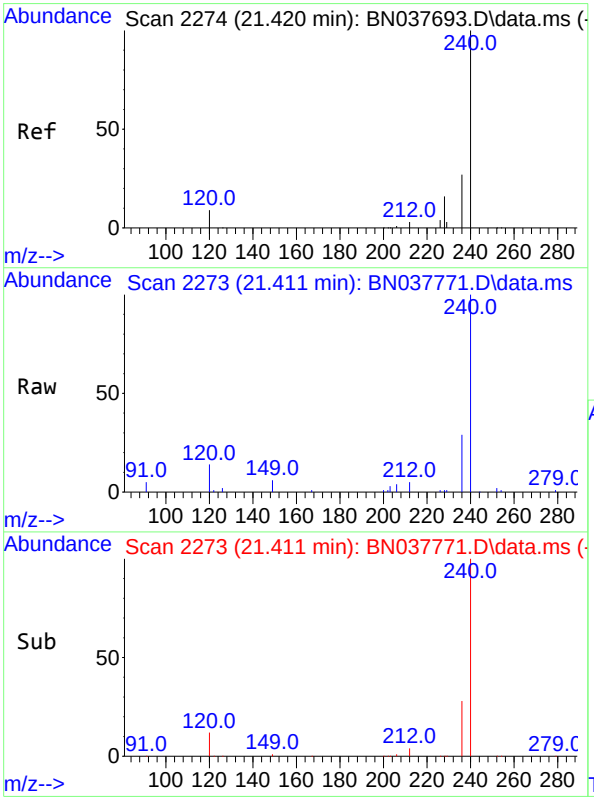
#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.262 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Tgt Ion:212 Resp: 15813

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.2	18.2
104	8.8	6.9	10.3

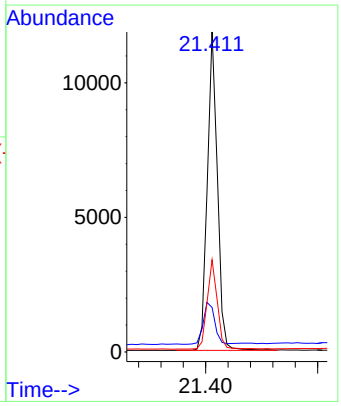


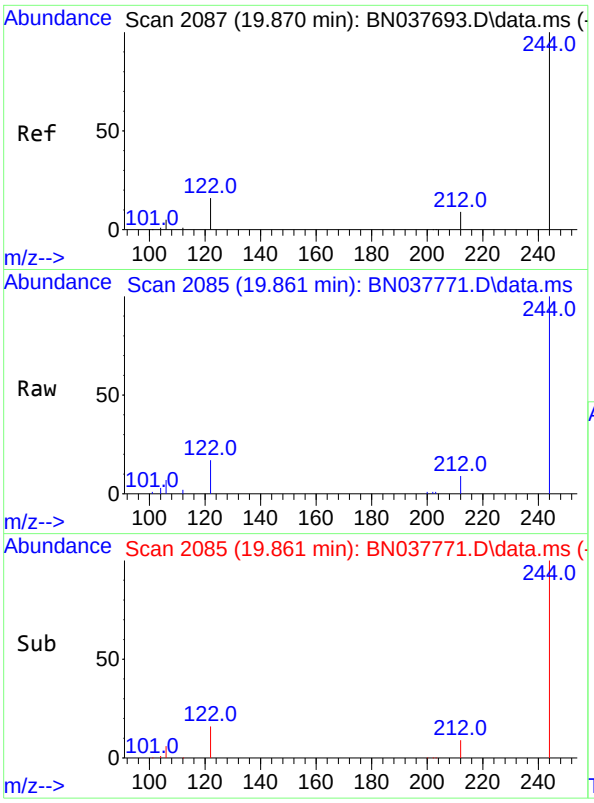


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion:240 Resp: 14812

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.2	13.8#
236	28.8	22.6	33.8



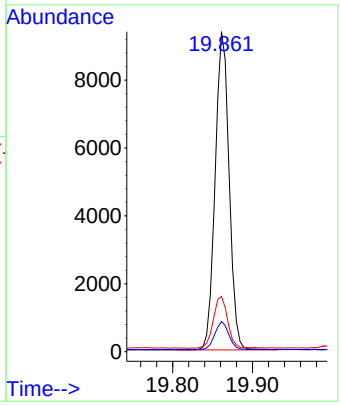


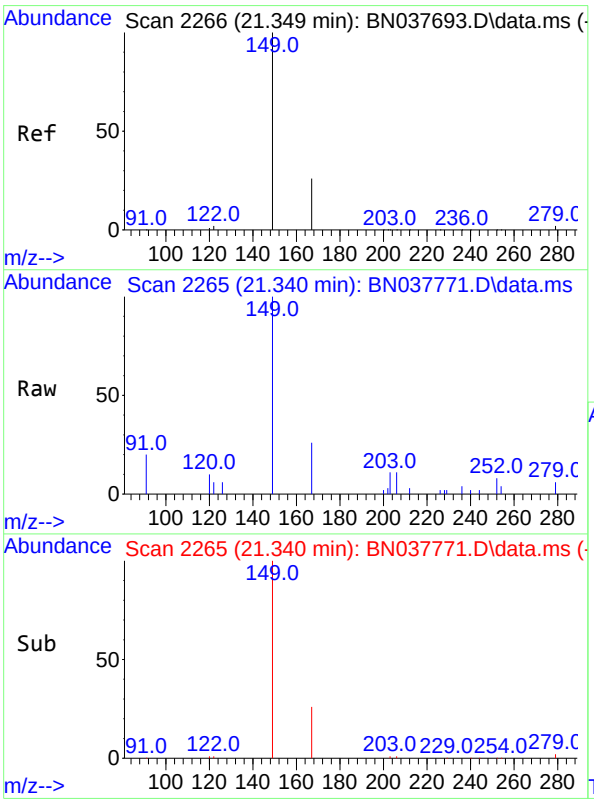
#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.861 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Tgt Ion:244 Resp: 11370

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.5	11.3
122	17.2	13.2	19.8

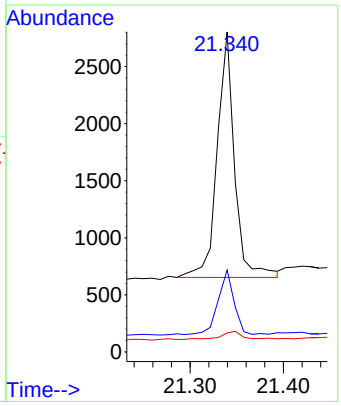


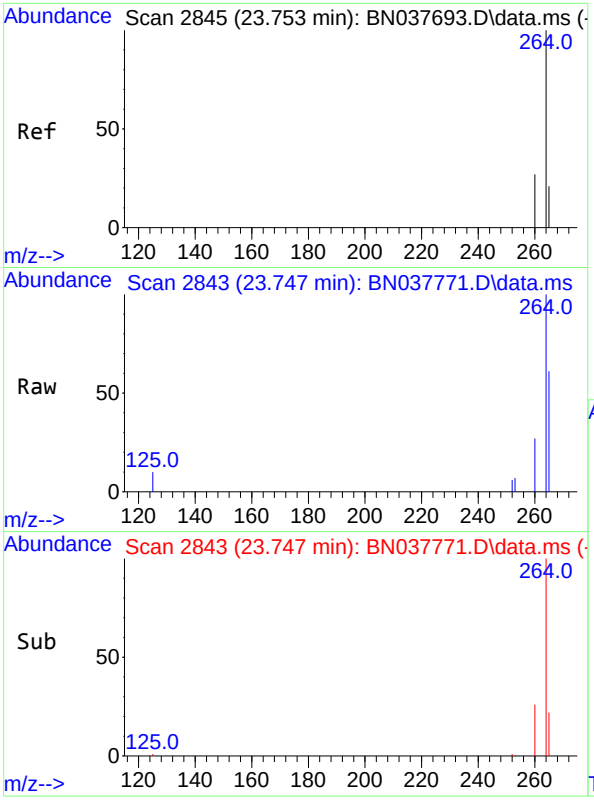


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.181 ng
RT: 21.340 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Tgt Ion:149 Resp: 2775

Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.8	31.2
279	3.9	3.3	4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037771.D
Acq: 18 Sep 2025 10:00

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911

Tgt Ion:264 Resp: 15070

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.8	32.8
265	61.5	39.4	59.2#