Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037015.D
Acq On : 14 May 2025 16:48
Operator : RC/JU
Sample : Q1985-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Quant Time: May 14 17:11:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2212	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	6244	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	3930	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	7458	0.400	ng	0.00
29) Chrysene-d12	21.207	240	6424	0.400	ng	0.00
35) Perylene-d12	23.415	264	5729	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	876	0.151	ng	0.00
5) Phenol-d6	6.795	99	639	0.088	ng	0.00
8) Nitrobenzene-d5	8.760	82	2247	0.330	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	3096	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	463	0.268	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	5654	0.314	ng	0.00
27) Fluoranthene-d10	19.049	212	3801	0.186	ng	0.00
31) Terphenyl-d14	19.653	244	5546	0.404	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.408	42	130	0.022	ng	# 32
20) 4,6-Dinitro-2-methylph...	15.400	198	3	0.026	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	20701	1.390	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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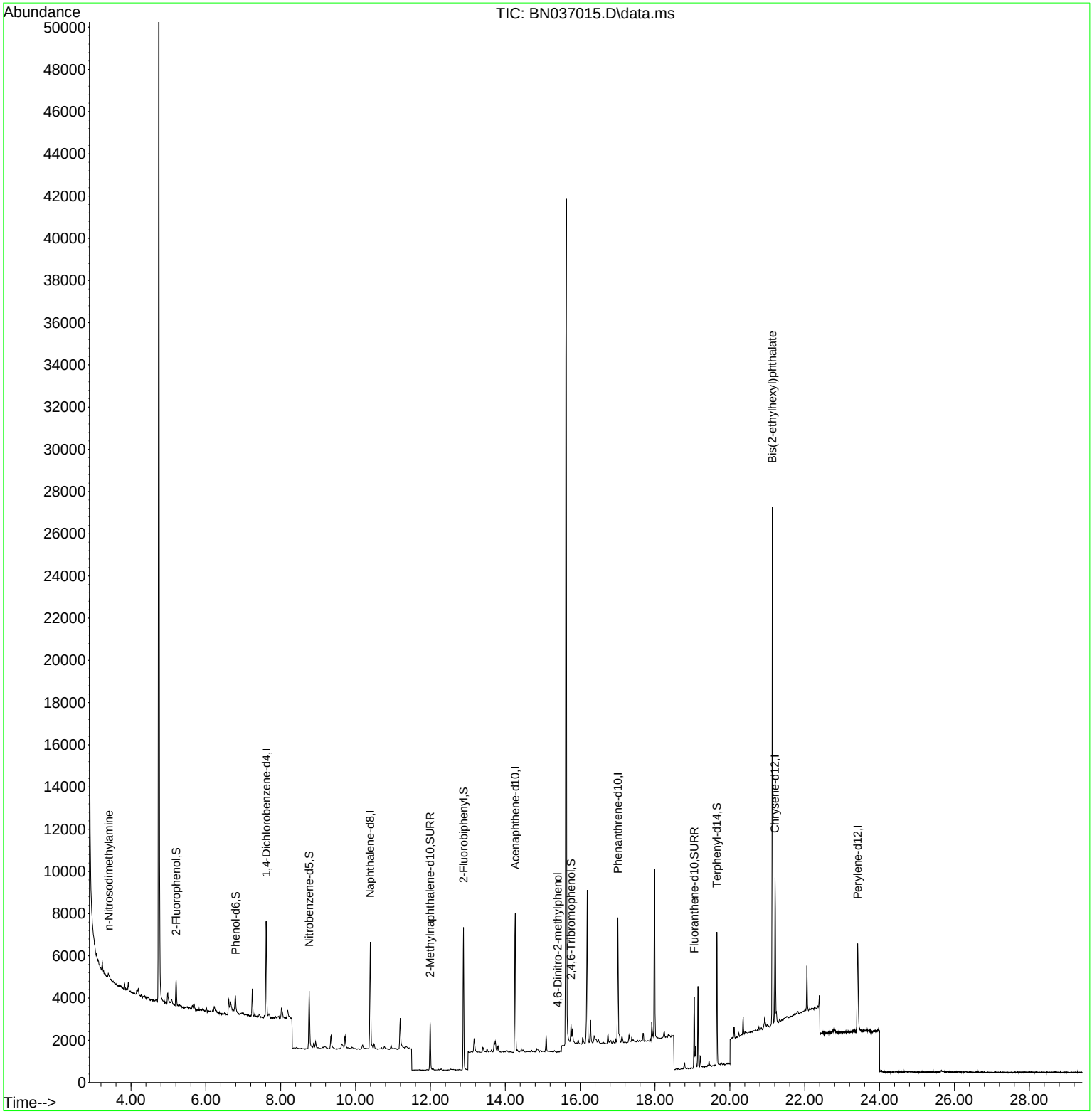
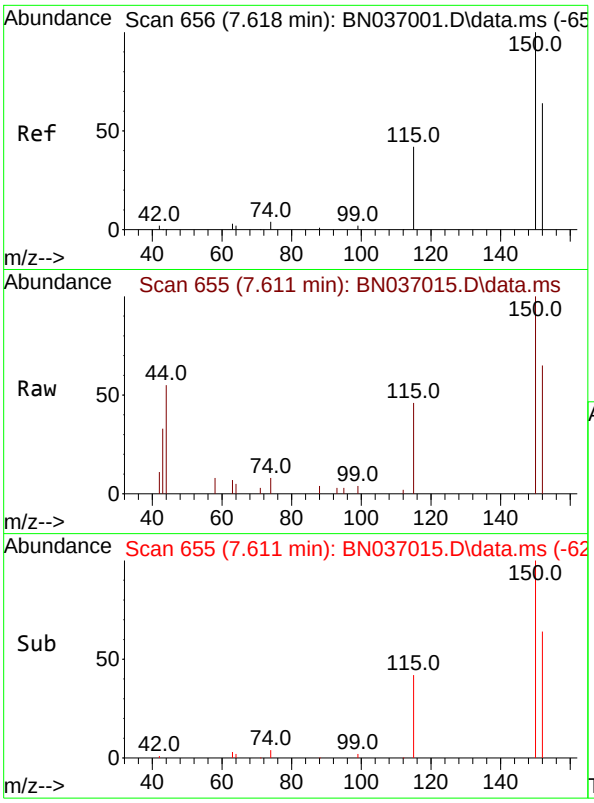


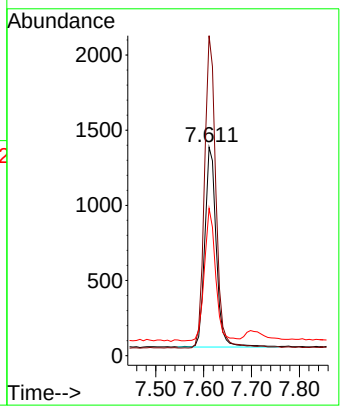


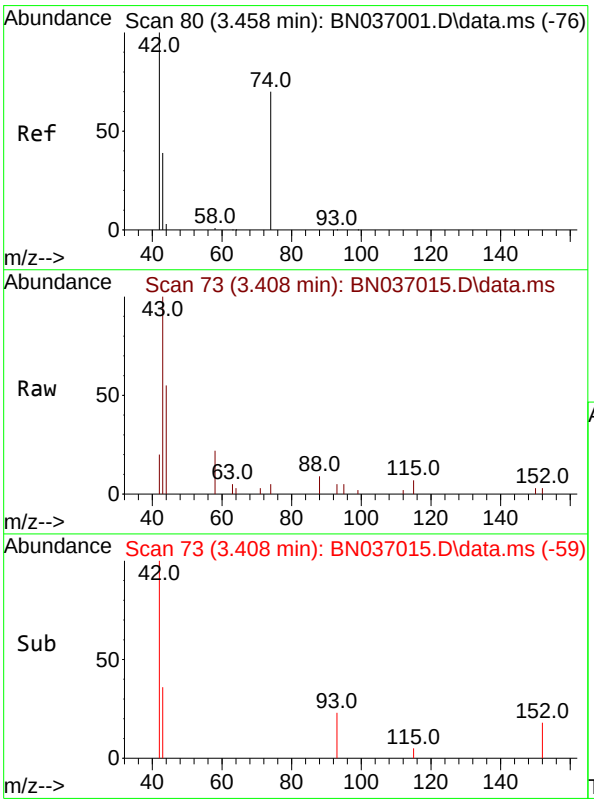
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Tgt Ion:152 Resp: 2212

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.9	185.9
115	70.7	55.8	83.8

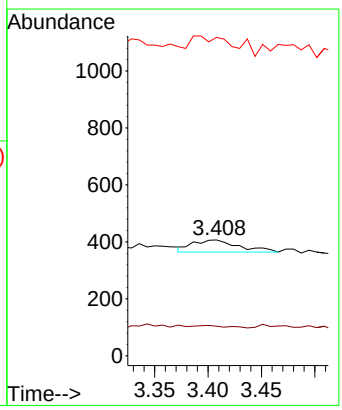


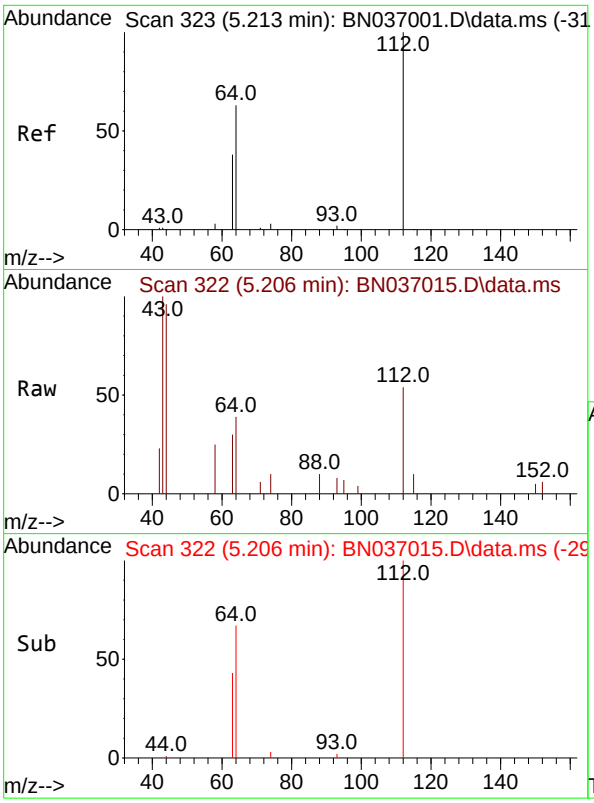


#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.408 min Scan# 73
Delta R.T. -0.050 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Tgt Ion: 42 Resp: 130

Ion	Ratio	Lower	Upper
42	100		
74	11.5	59.8	89.6#
44	0.0	11.9	17.9#



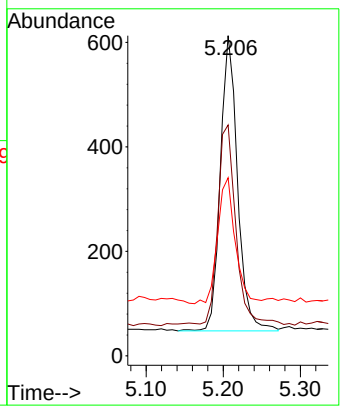


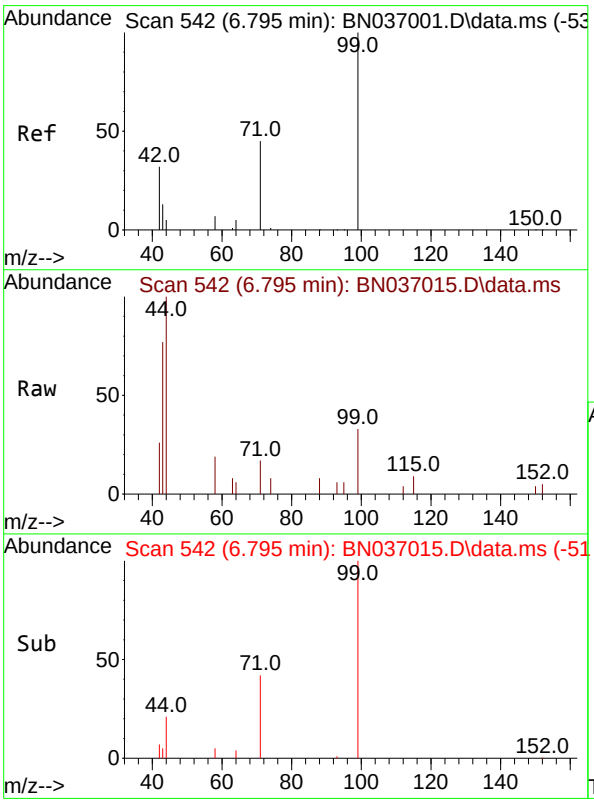
#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.206 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Tgt Ion:112 Resp: 876

Ion	Ratio	Lower	Upper
112	100		
64	71.1	55.7	83.5
63	43.6	34.6	51.8

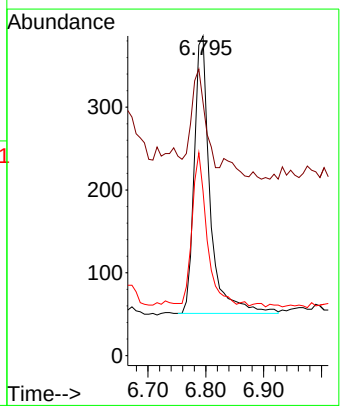


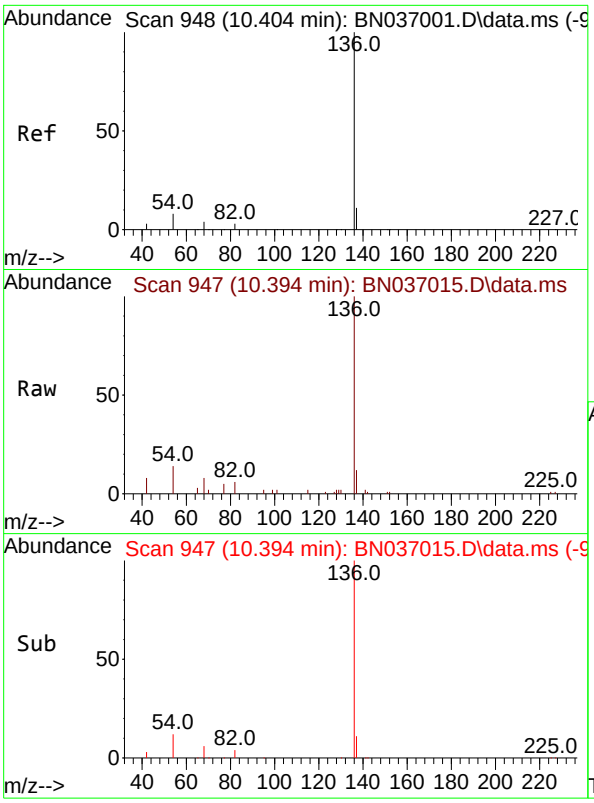


#5
Phenol-d6
Concen: 0.088 ng
RT: 6.795 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Tgt Ion: 99 Resp: 639

Ion	Ratio	Lower	Upper
99	100		
42	30.0	29.3	43.9
71	52.4	35.7	53.5



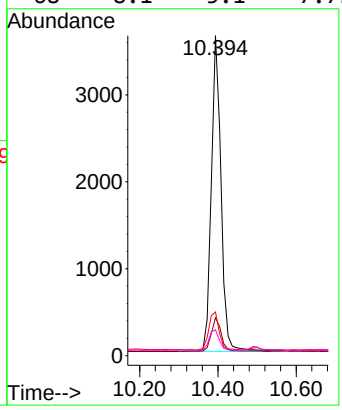


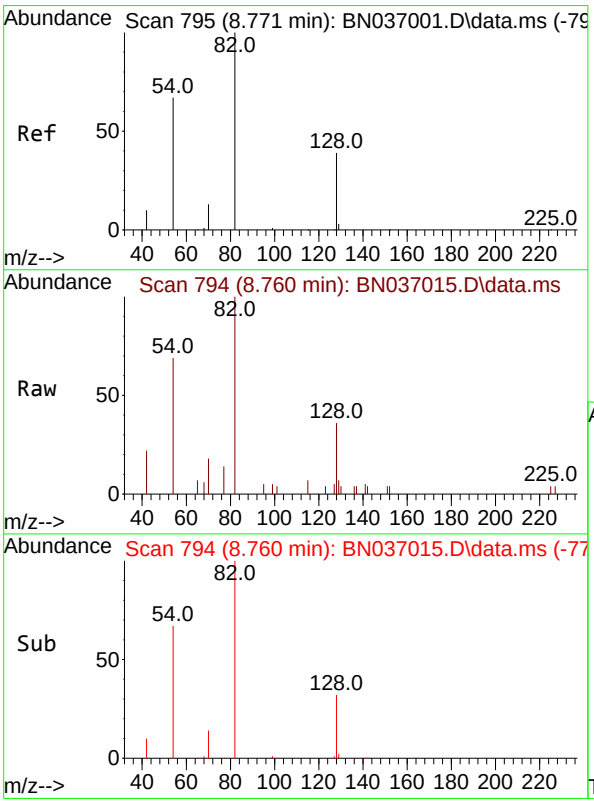
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Tgt Ion:136 Resp: 6244

Ion	Ratio	Lower	Upper
136	100		
137	11.8	10.4	15.6
54	13.6	8.5	12.7#
68	8.1	5.1	7.7#

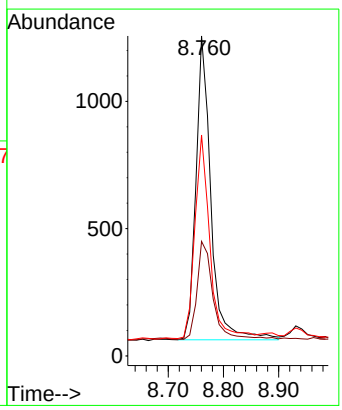


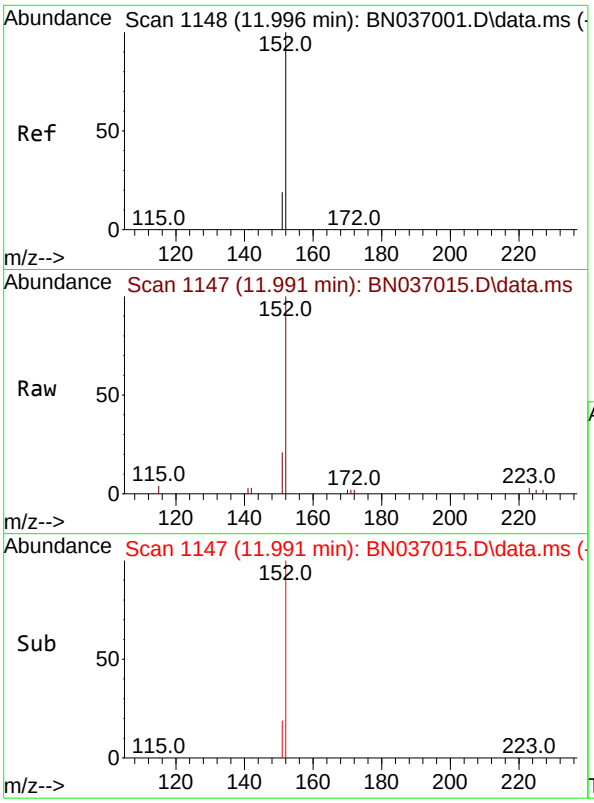


#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.010 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Tgt Ion: 82 Resp: 2247

Ion	Ratio	Lower	Upper
82	100		
128	35.8	34.0	51.0
54	69.1	55.0	82.4



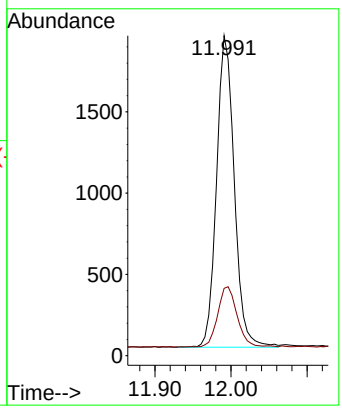


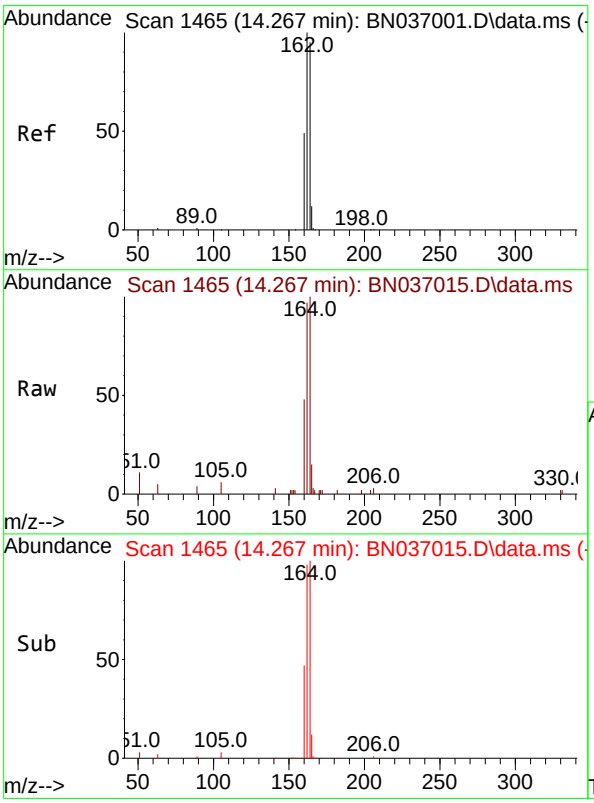
#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 11.991 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Tgt Ion:152 Resp: 3096

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.5	26.3

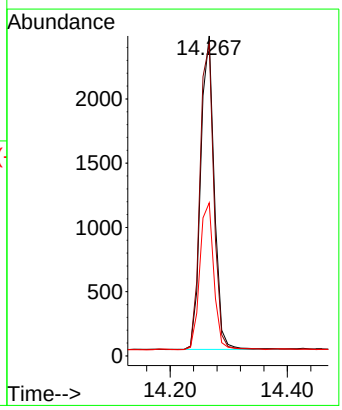


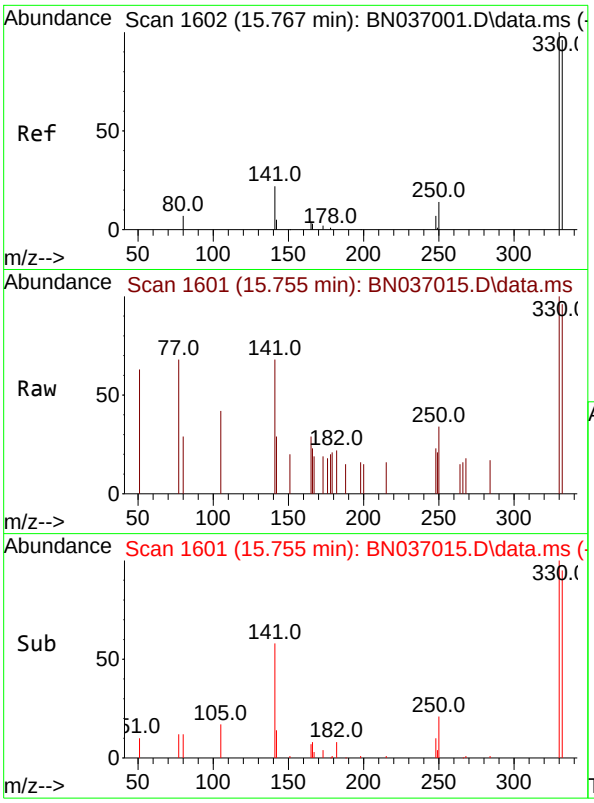


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Tgt Ion:164 Resp: 3930

Ion	Ratio	Lower	Upper
164	100		
162	97.5	84.2	126.4
160	47.8	42.6	63.8



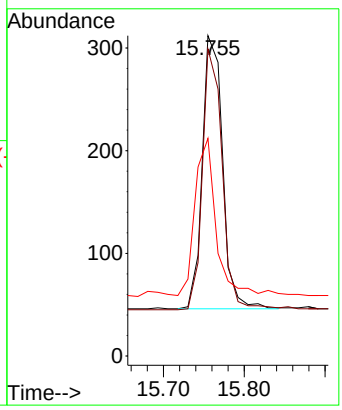


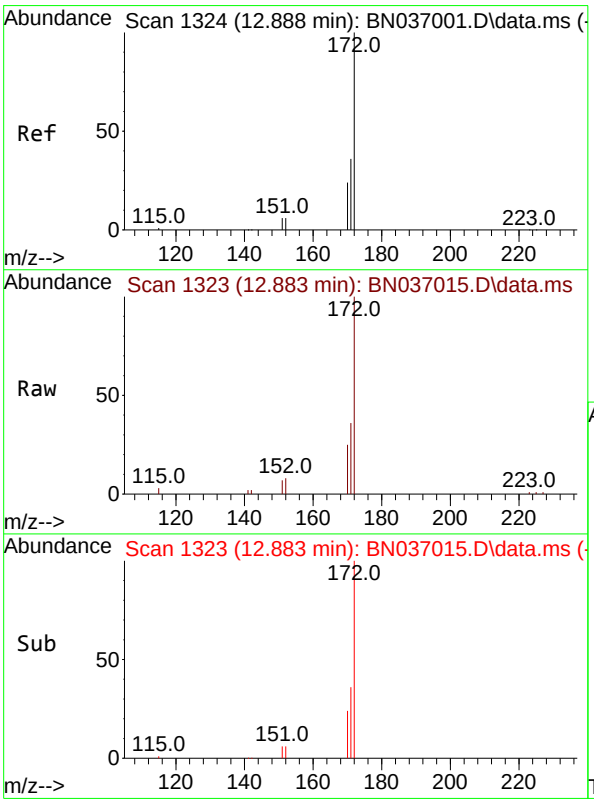
#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Tgt Ion:330 Resp: 463

Ion	Ratio	Lower	Upper
330	100		
332	94.4	73.8	110.8
141	61.3	43.9	65.9

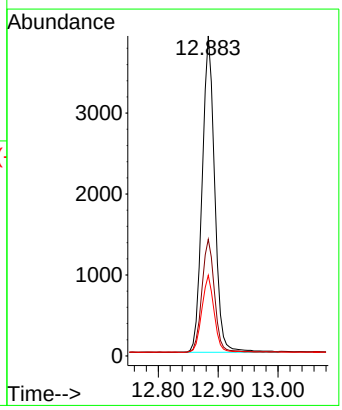


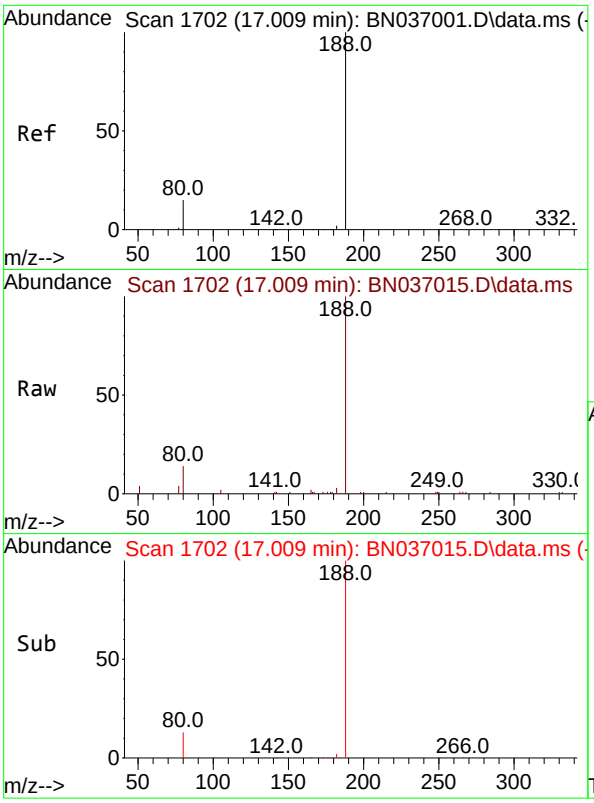


#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.883 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Tgt Ion:172 Resp: 5654

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	25.2	20.5	30.7



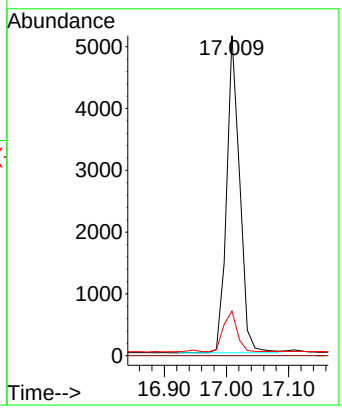


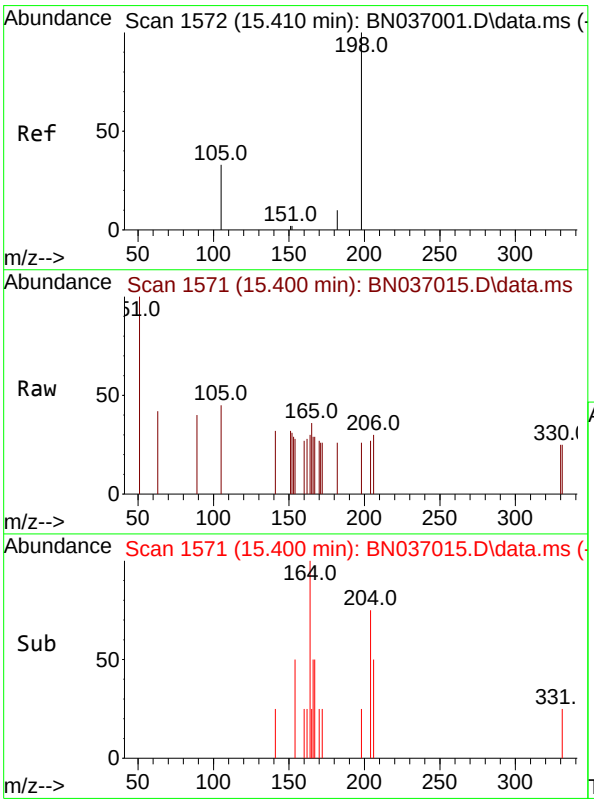
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Tgt Ion:188 Resp: 7458

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	13.4	20.0

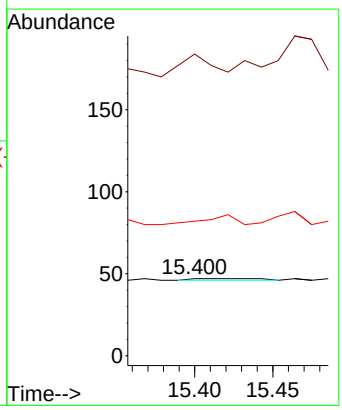


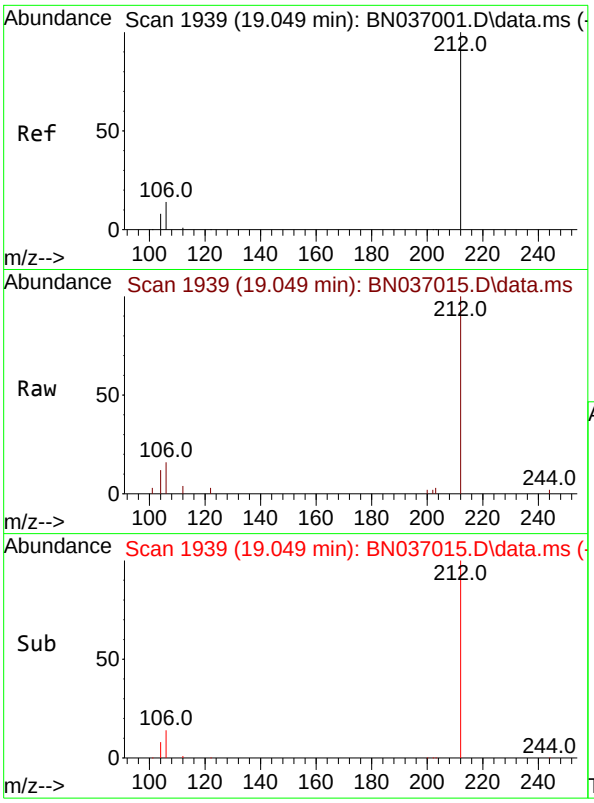


#20
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.010 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Tgt Ion:198 Resp: 3

Ion	Ratio	Lower	Upper
198	100		
51	391.5	87.8	131.6#
105	174.5	44.2	66.4#



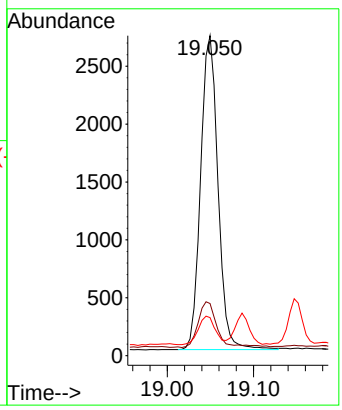


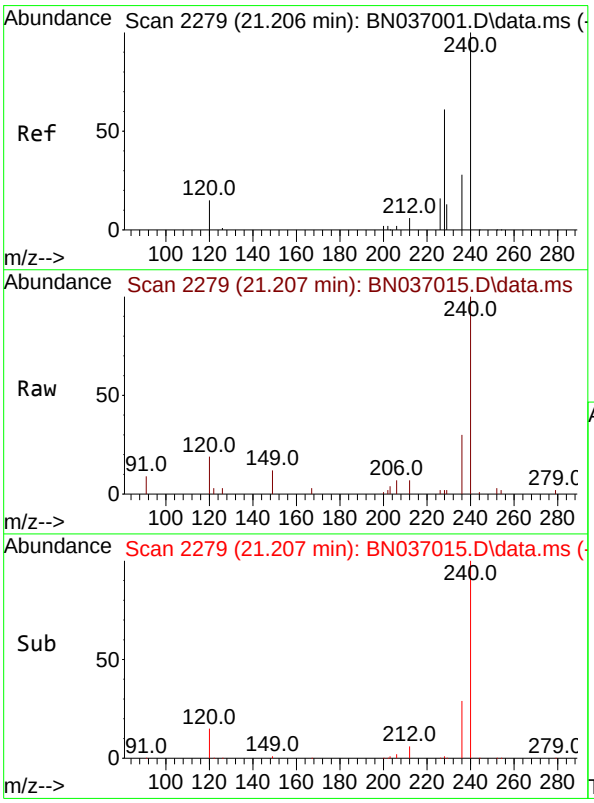
#27
Fluoranthene-d10
Concen: 0.186 ng
RT: 19.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Tgt Ion:212 Resp: 3801

Ion	Ratio	Lower	Upper
212	100		
106	15.6	11.3	16.9
104	9.0	6.7	10.1

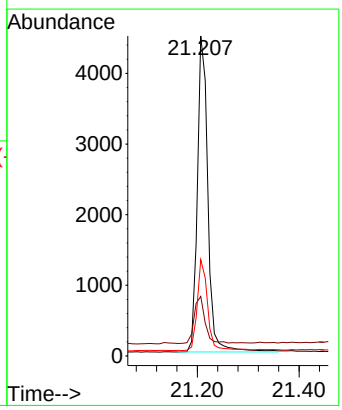


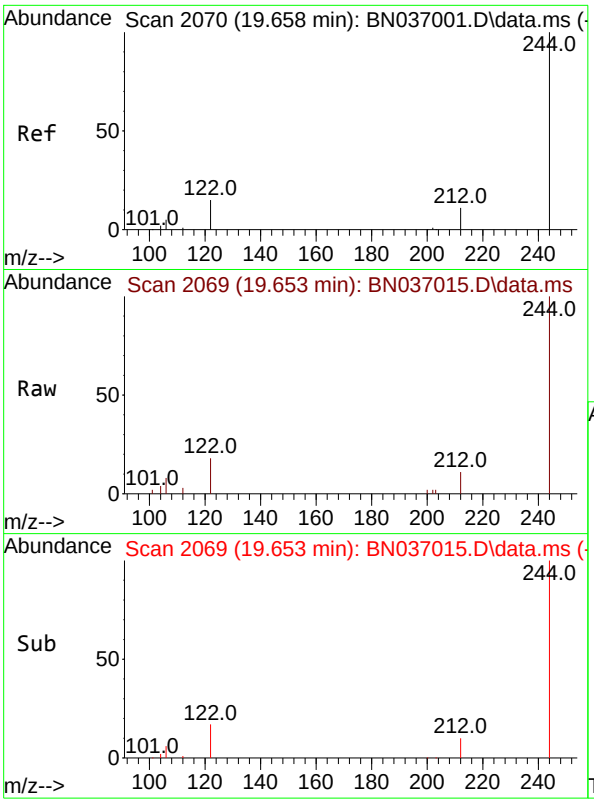


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Tgt Ion:240 Resp: 6424

Ion	Ratio	Lower	Upper
240	100		
120	18.6	15.1	22.7
236	30.1	24.0	36.0



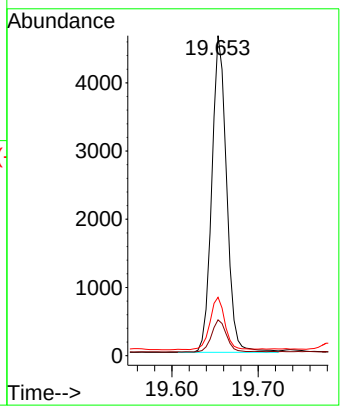


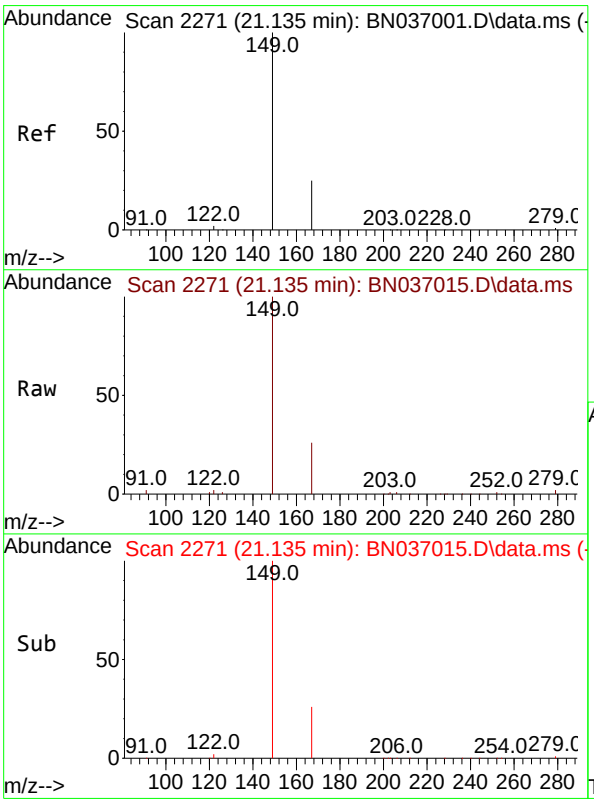
#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.653 min Scan# 2(
Delta R.T. -0.004 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Tgt Ion:244 Resp: 5546

Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.7	14.5
122	18.2	13.4	20.0

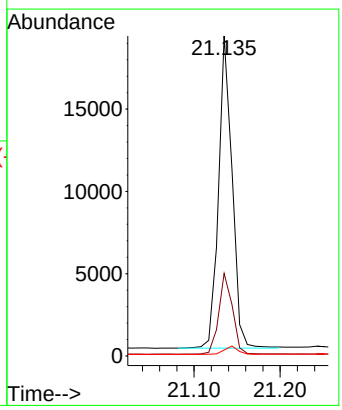


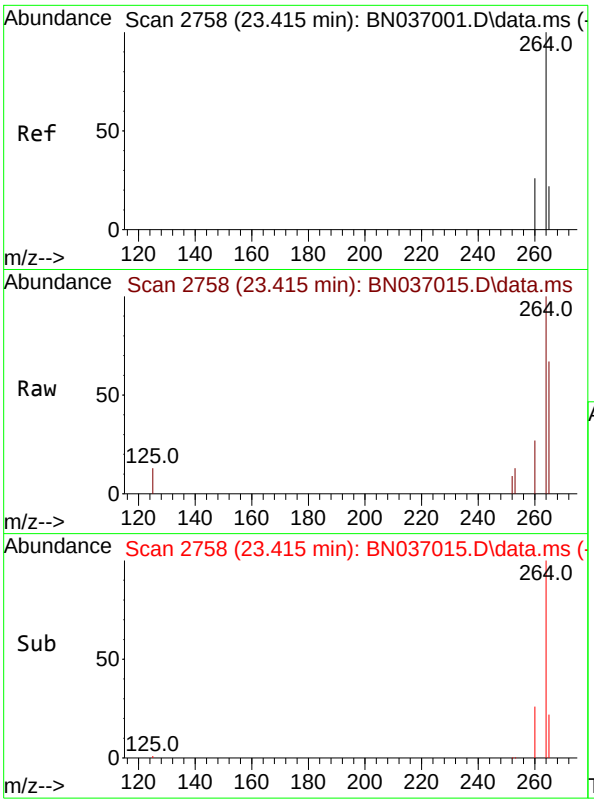


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.390 ng
RT: 21.135 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Tgt Ion:149 Resp: 20701

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.6	30.8
279	2.7	2.6	3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.415 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037015.D
Acq: 14 May 2025 16:48

Instrument :
BNA_N
ClientSampleId :
RW8-BW-20250507

Tgt Ion:264 Resp: 5729

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.9	32.9
265	66.7	51.6	77.4