Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036661.D
Acq On : 17 Mar 2025 16:07
Operator : RC/JU
Sample : Q1582-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Quant Time: Mar 17 16:55:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1480	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3511	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	2177	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4400	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	2930	0.400	ng	0.00
35) Perylene-d12	23.549	264	2432	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	517	0.150	ng	0.00
5) Phenol-d6	6.894	99	334	0.078	ng	0.00
8) Nitrobenzene-d5	8.875	82	1113	0.291	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	1448	0.277	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	381	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	3451	0.272	ng	0.00
27) Fluoranthene-d10	19.136	212	4972	0.441	ng	0.00
31) Terphenyl-d14	19.736	244	3579	0.510	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	8538	5.200	ng	94
6) bis(2-Chloroethyl)ether	7.147	93	137	0.031	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.523	198	5	0.150	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	1231	0.170	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
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TT180D2-20250313

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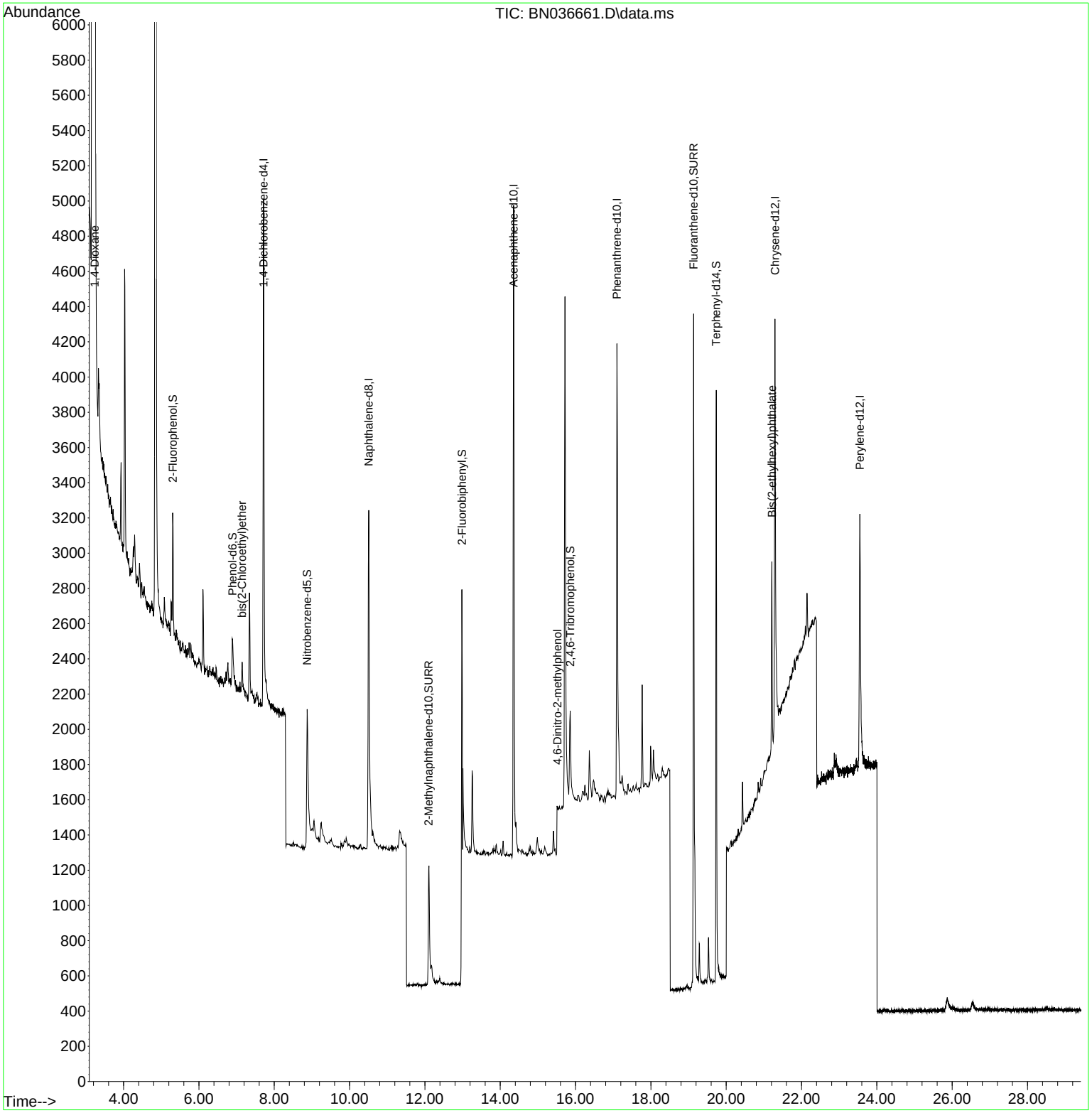
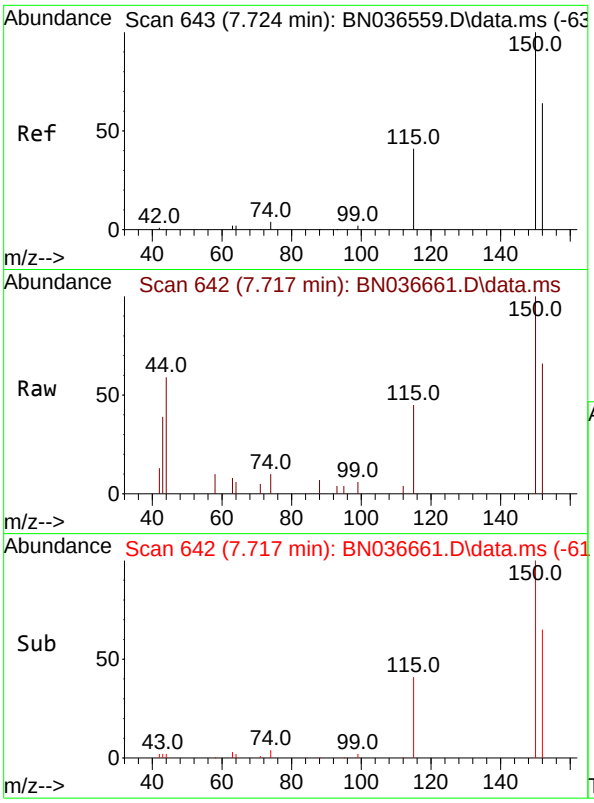


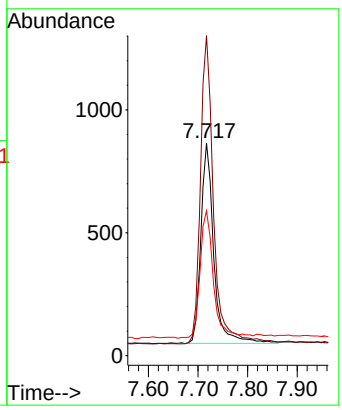


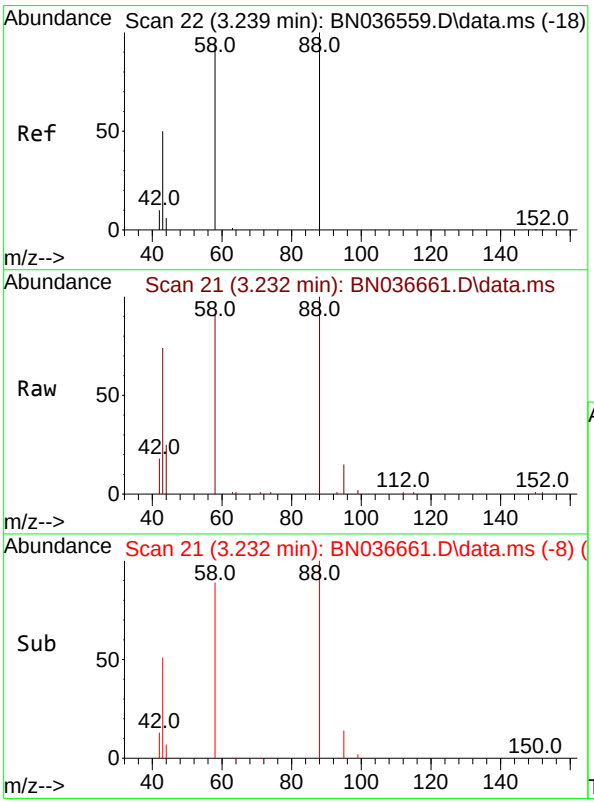
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion:152 Resp: 1480

Ion	Ratio	Lower	Upper
152	100		
150	150.5	123.7	185.5
115	68.1	54.3	81.5

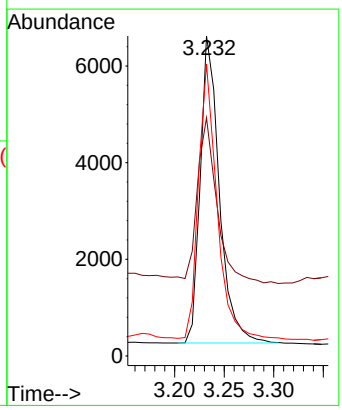


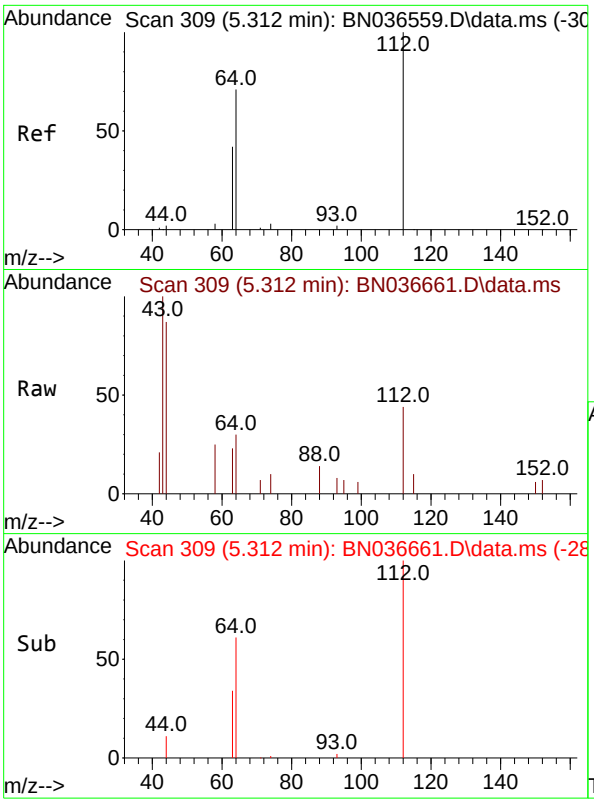


#2
1,4-Dioxane
Concen: 5.200 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion: 88 Resp: 8538

Ion	Ratio	Lower	Upper
88	100		
43	56.2	37.8	56.8
58	86.3	67.4	101.2



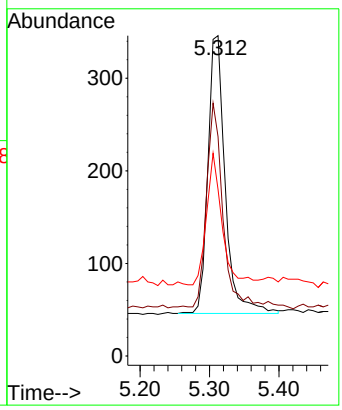


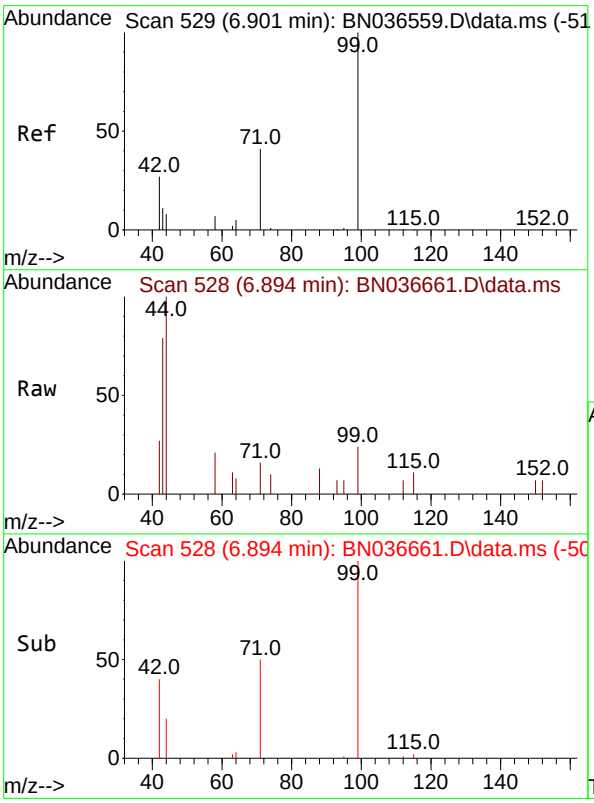
#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.312 min Scan# 3(
Delta R.T. 0.000 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion:112 Resp: 517

Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.1	79.7
63	42.7	31.8	47.8

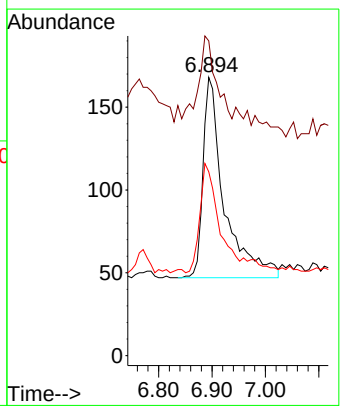


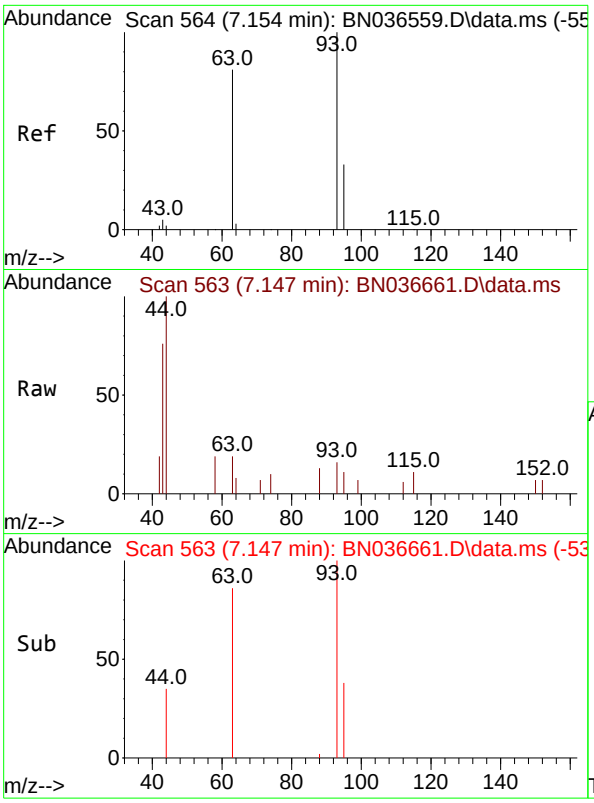


#5
Phenol-d6
Concen: 0.078 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion: 99 Resp: 334

Ion	Ratio	Lower	Upper
99	100		
42	33.5	26.5	39.7
71	55.4	34.1	51.1#



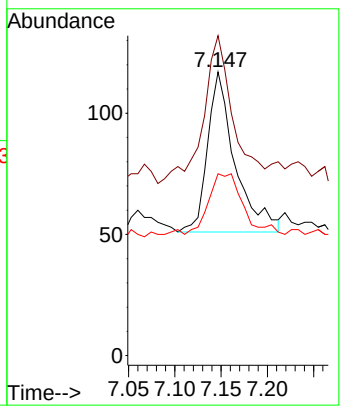


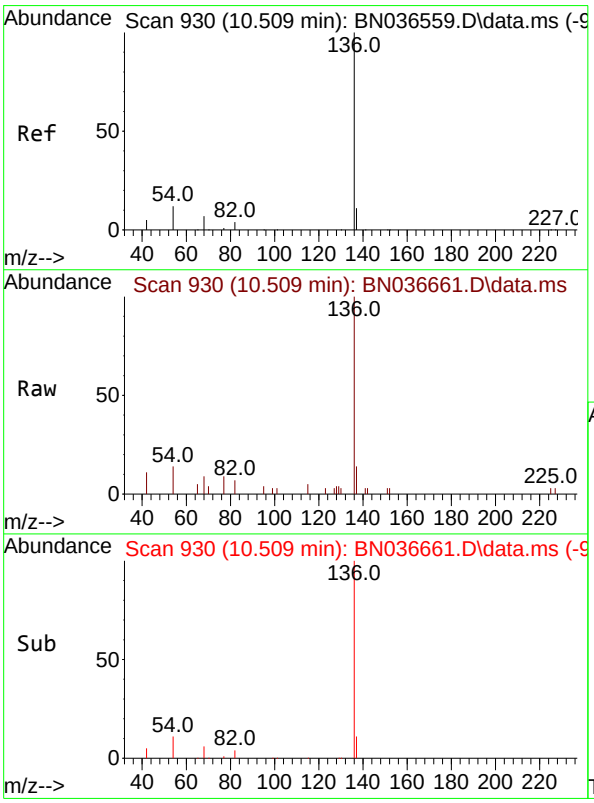
#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.147 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion: 93 Resp: 137

Ion	Ratio	Lower	Upper
93	100		
63	99.3	67.7	101.5
95	46.7	25.6	38.4#

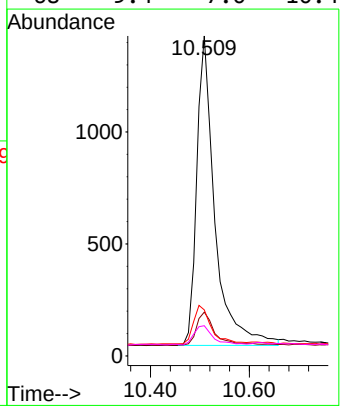


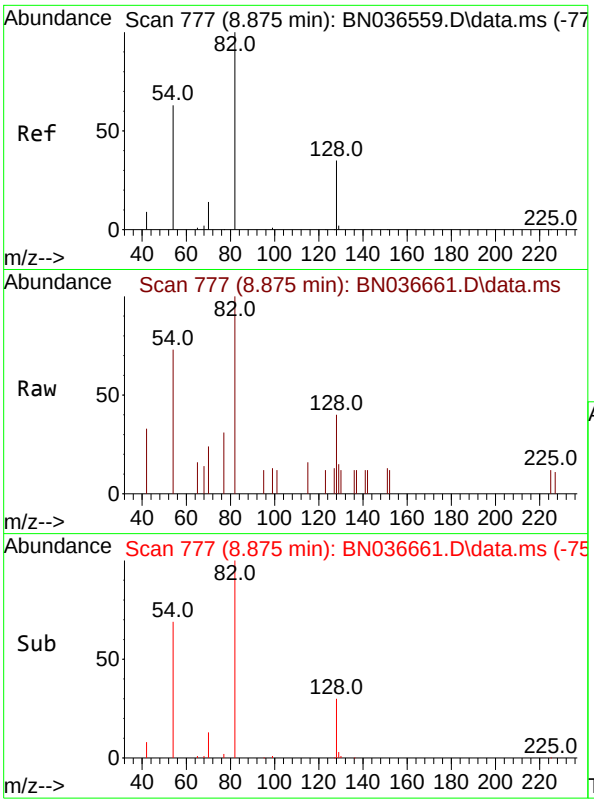


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:136 Resp: 3511

Ion	Ratio	Lower	Upper
136	100		
137	13.7	10.3	15.5
54	14.4	11.5	17.3
68	9.4	7.0	10.4



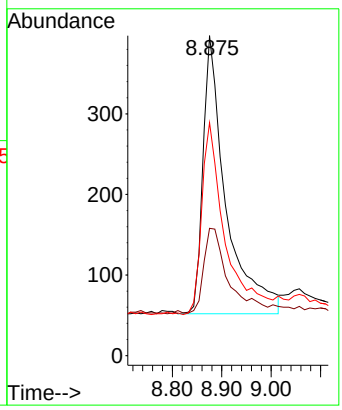


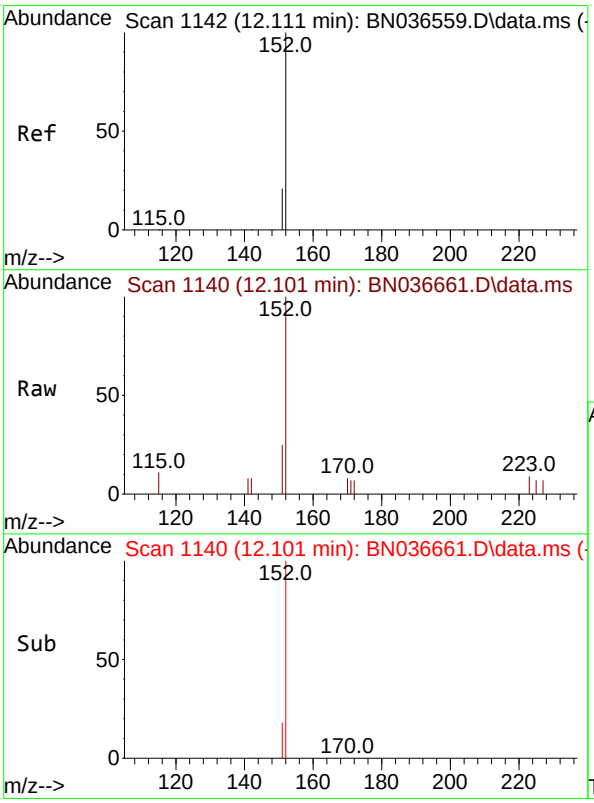
#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.875 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion: 82 Resp: 1113

Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.6	45.8
54	72.8	52.2	78.4

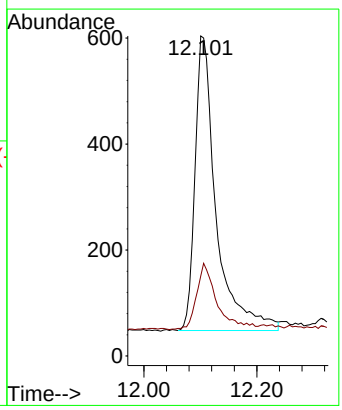


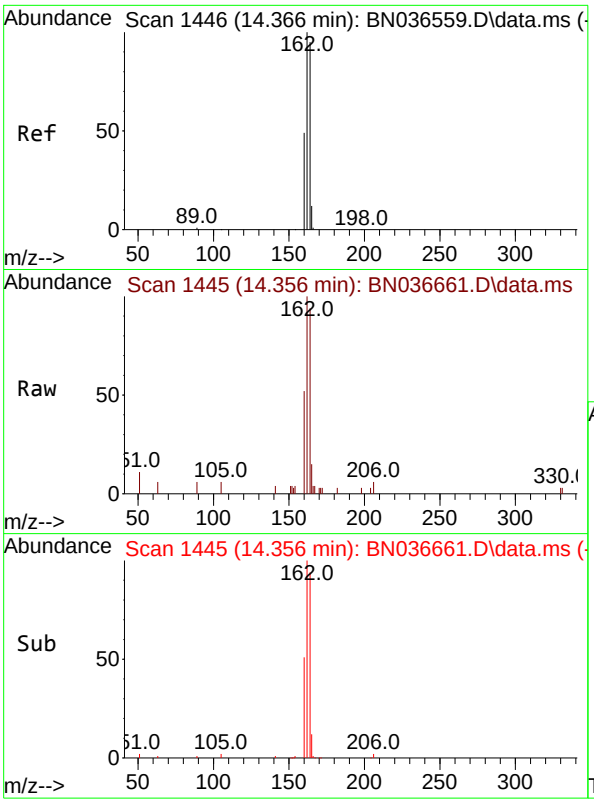


#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:152 Resp: 1448

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.0	25.6



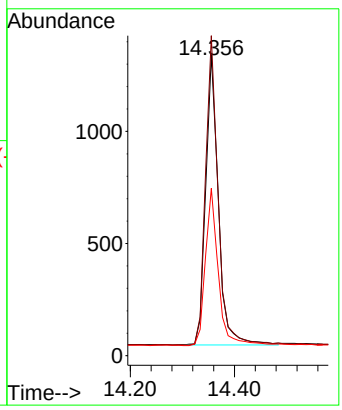


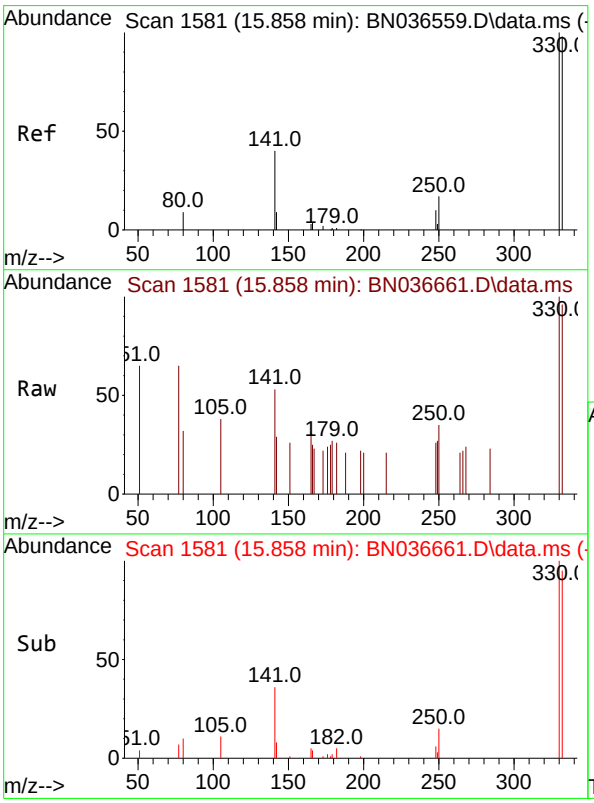
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion:164 Resp: 2177

Ion	Ratio	Lower	Upper
164	100		
162	106.5	84.2	126.2
160	55.7	42.2	63.2

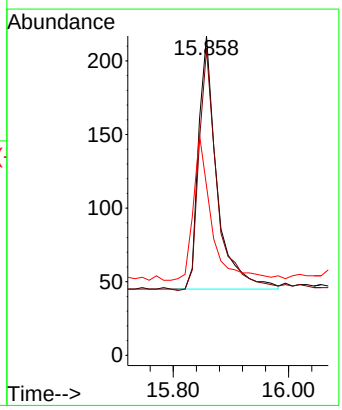


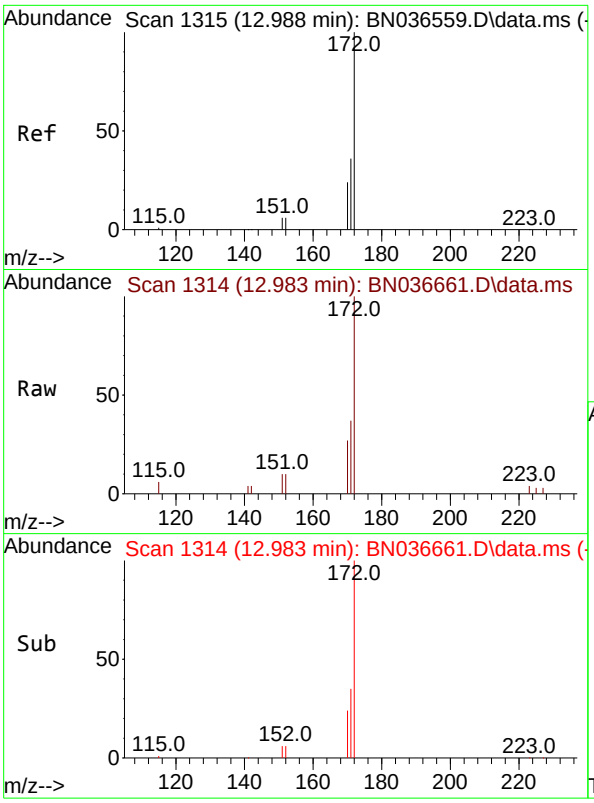


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:330 Resp: 381

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.2	112.8
141	56.7	43.4	65.2



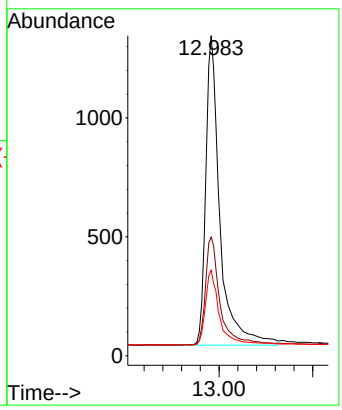


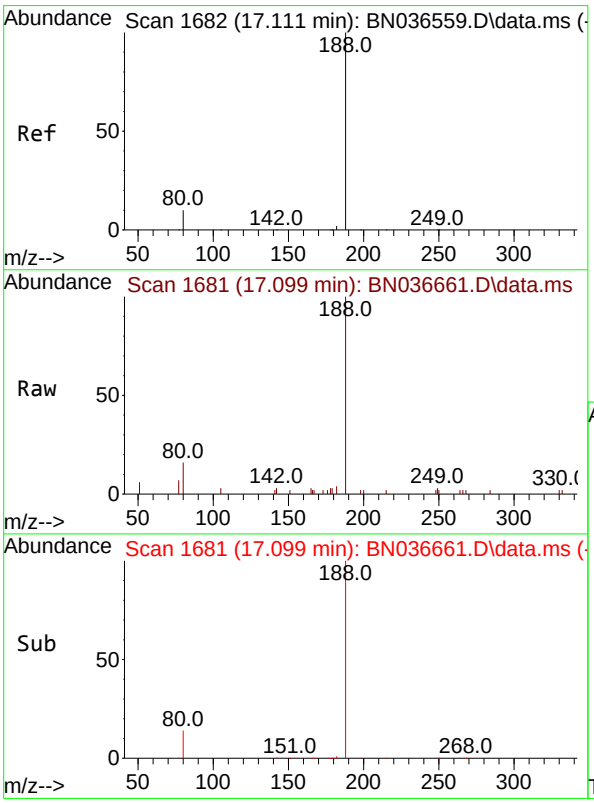
#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 12.983 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion:172 Resp: 3451

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	26.7	20.2	30.4

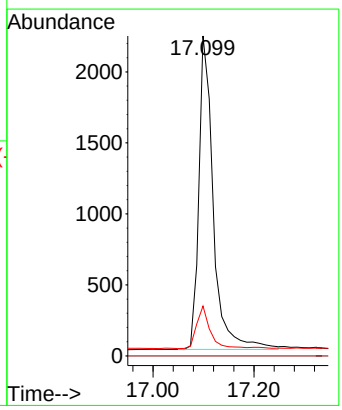


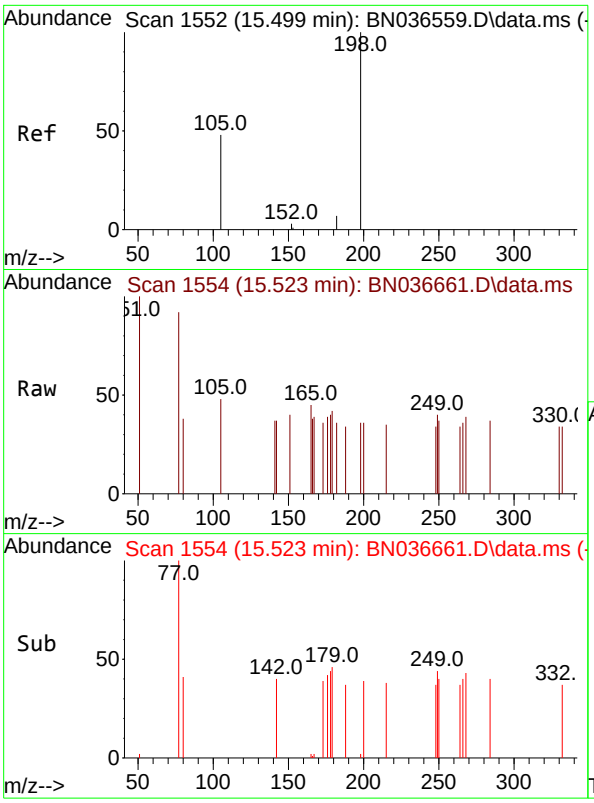


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:188 Resp: 4400

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.6	8.8	13.2#



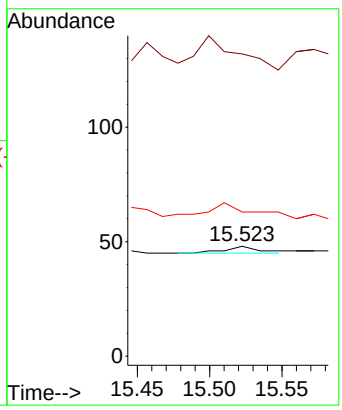


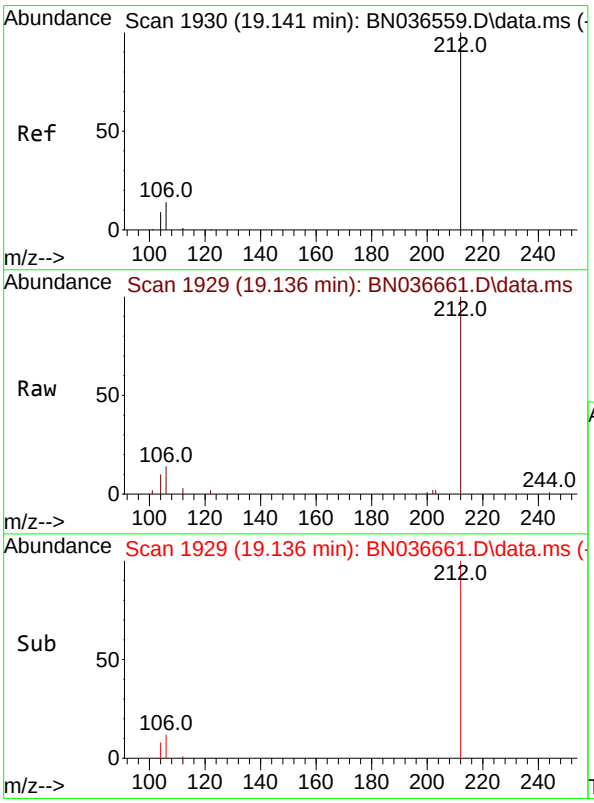
#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.523 min Scan# 1
Delta R.T. 0.024 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	275.0	107.9	161.9#
105	131.3	56.2	84.2#

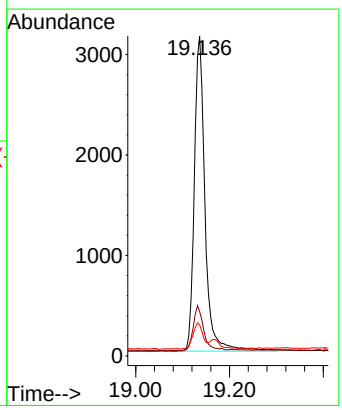


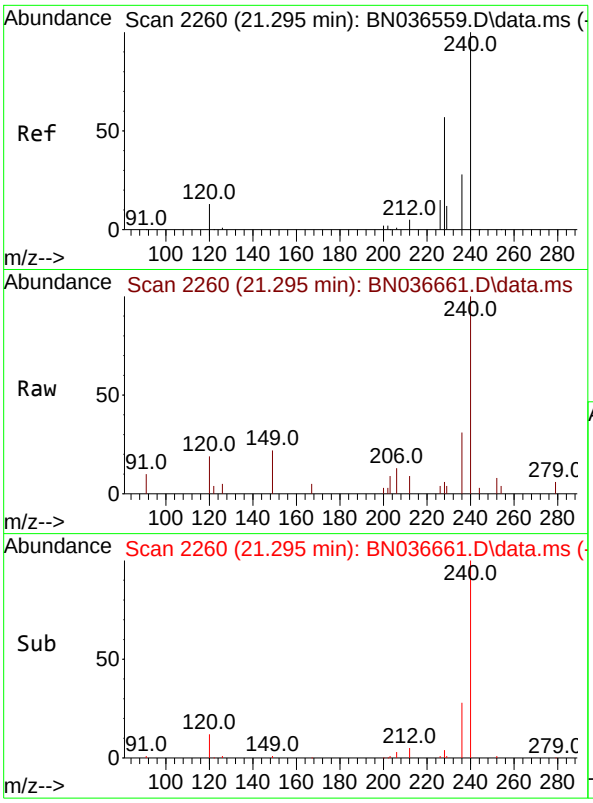


#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:212 Resp: 4972

Ion	Ratio	Lower	Upper
212	100		
106	13.6	11.8	17.6
104	7.9	7.3	10.9



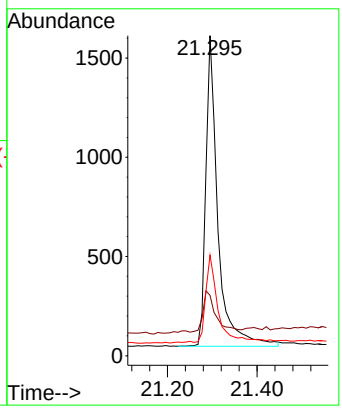


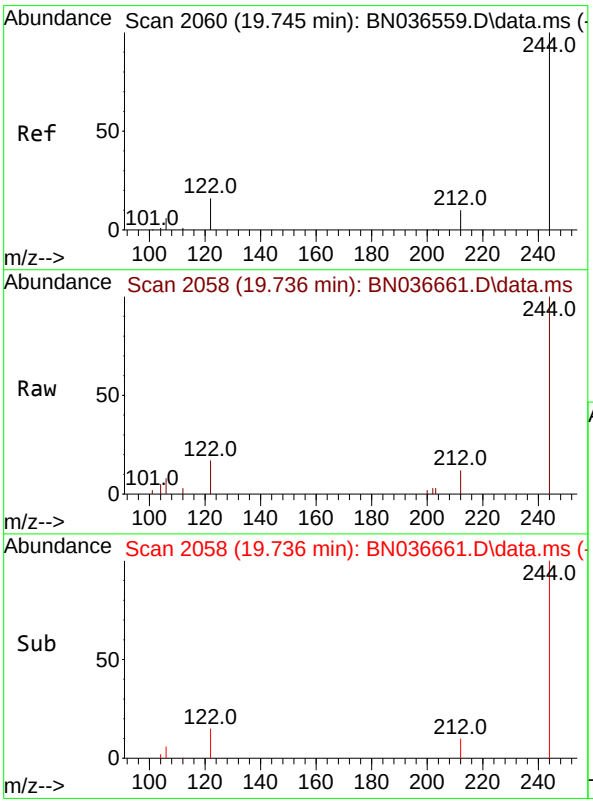
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion:240 Resp: 2930

Ion	Ratio	Lower	Upper
240	100		
120	18.8	14.6	22.0
236	31.4	24.1	36.1

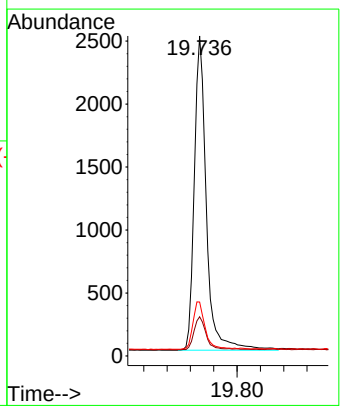


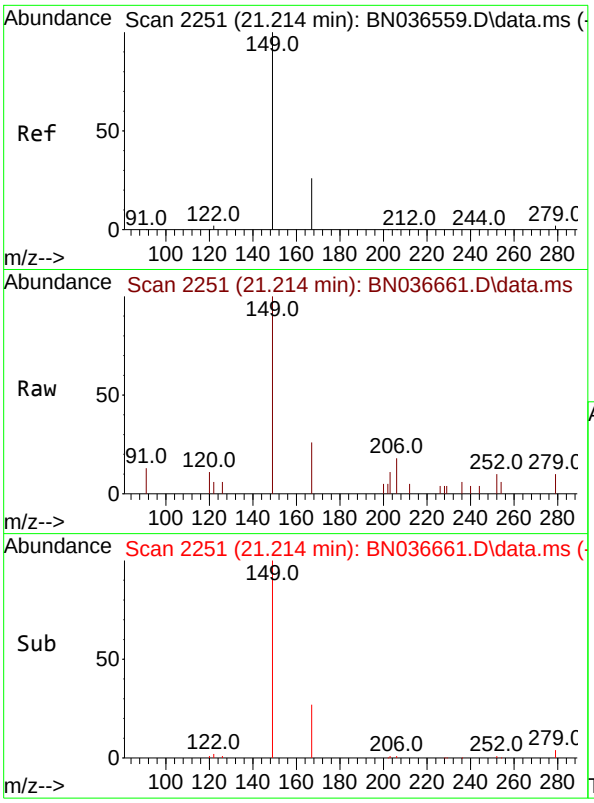


#31
Terphenyl-d14
Concen: 0.510 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:244 Resp: 3579

Ion	Ratio	Lower	Upper
244	100		
212	12.2	9.6	14.4
122	16.9	13.9	20.9



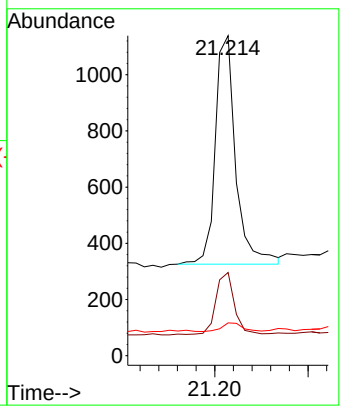


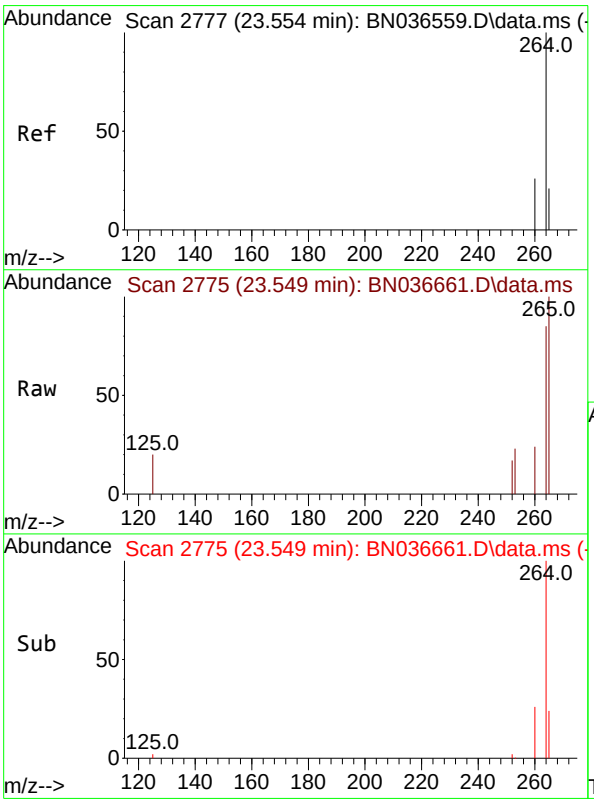
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 21.214 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313

Tgt Ion:149 Resp: 1231

Ion	Ratio	Lower	Upper
149	100		
167	24.3	20.7	31.1
279	3.9	3.6	5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.549 min Scan# 2775
Delta R.T. -0.006 min
Lab File: BN036661.D
Acq: 17 Mar 2025 16:07

Tgt Ion:264 Resp: 2432

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.6	33.8
265	118.0	88.1	132.1