Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036760.D
Acq On : 28 Mar 2025 05:34
Operator : RC/JU
Sample : Q1608-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Quant Time: Mar 28 06:13:56 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	7.703	152	1354	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3227	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2069	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4501	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	3749	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3365	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	514	0.163	ng	-0.02
5) Phenol-d6	6.879	99	338	0.087	ng	-0.02
8) Nitrobenzene-d5	8.865	82	1038	0.296	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	1606	0.335	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	439	0.468	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	4144	0.344	ng	-0.02
27) Fluoranthene-d10	19.122	212	4927	0.427	ng	-0.02
31) Terphenyl-d14	19.722	244	3921	0.437	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	494	0.329	ng	# 64
20) 4,6-Dinitro-2-methylph...	15.489	198	1	0.147	ng	# 2
34) Bis(2-ethylhexyl)phtha...	21.196	149	453	0.049	ng	# 96

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

Quantitation Report (Not Reviewed)

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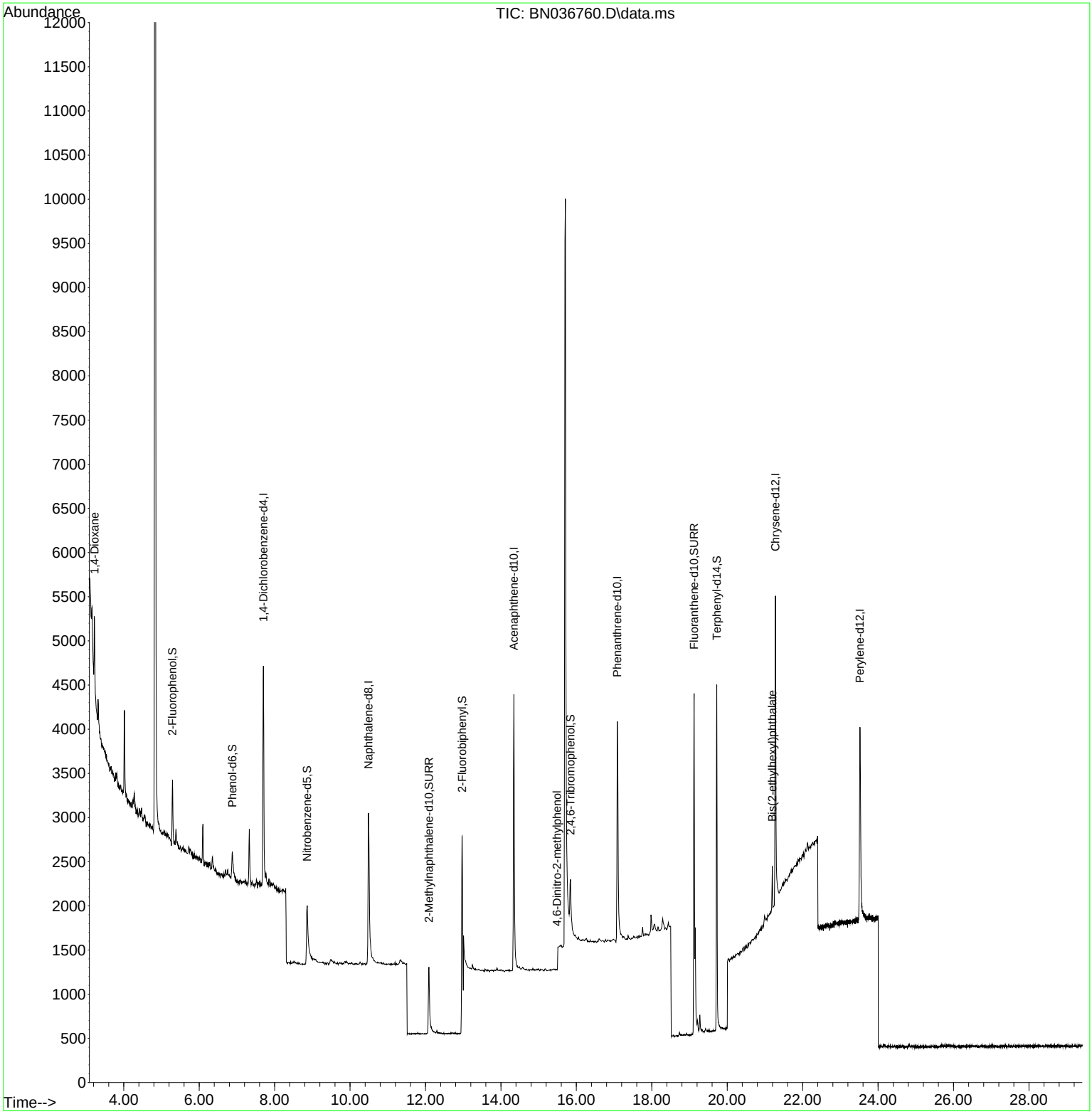
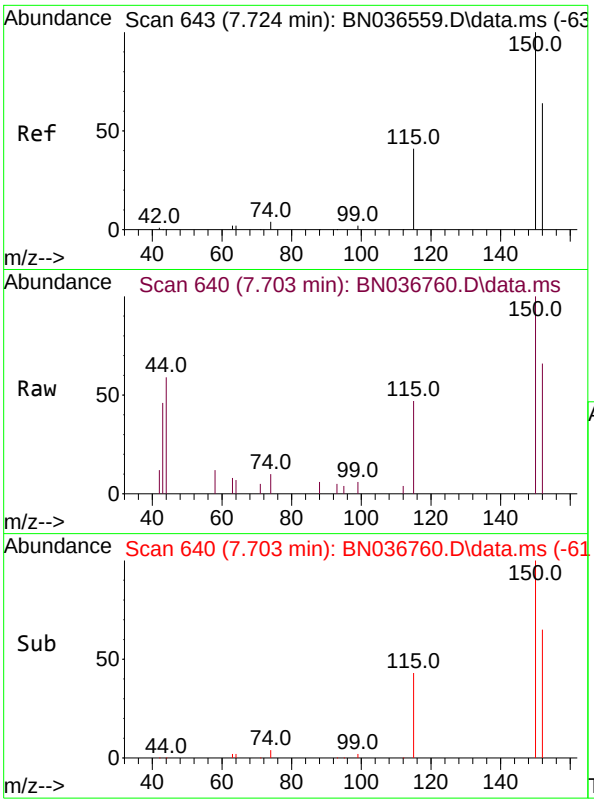


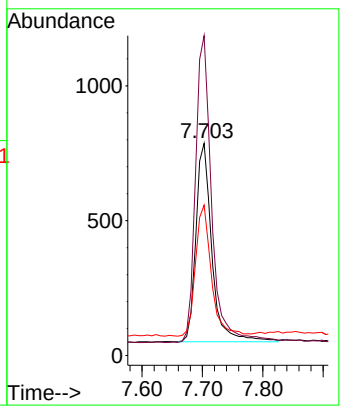


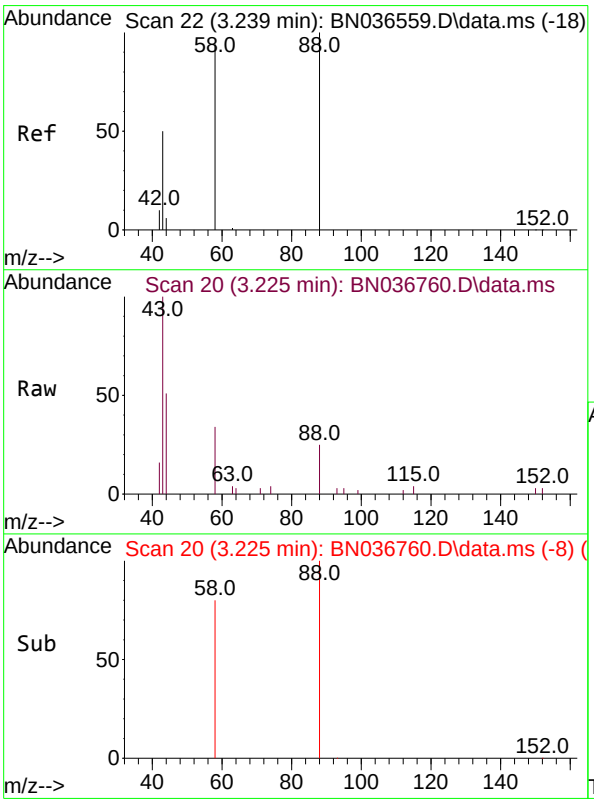
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Tgt Ion:152 Resp: 1354

Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.7	185.5
115	70.9	54.3	81.5

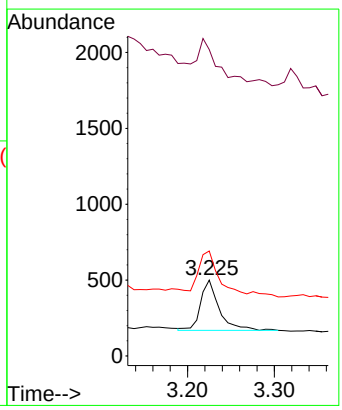


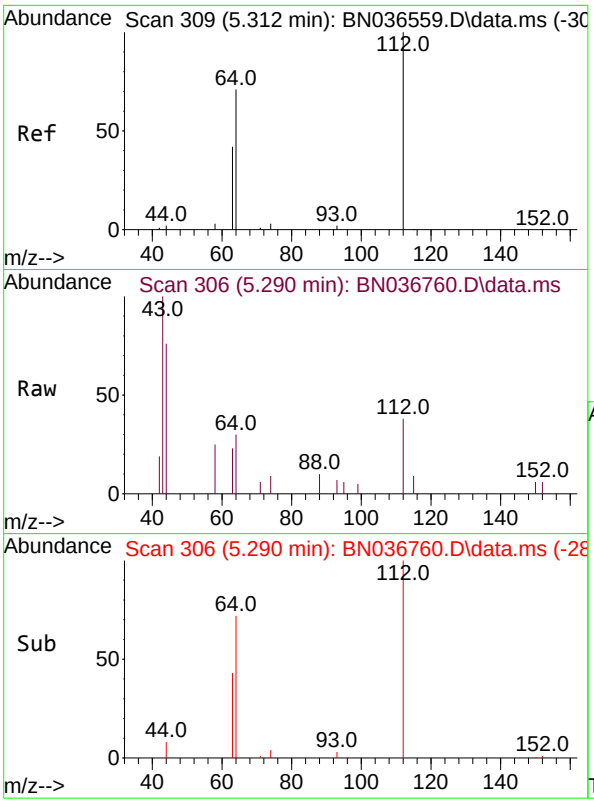


#2
1,4-Dioxane
Concen: 0.329 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion: 88 Resp: 494

Ion	Ratio	Lower	Upper
88	100		
43	111.3	37.8	56.8#
58	86.6	67.4	101.2



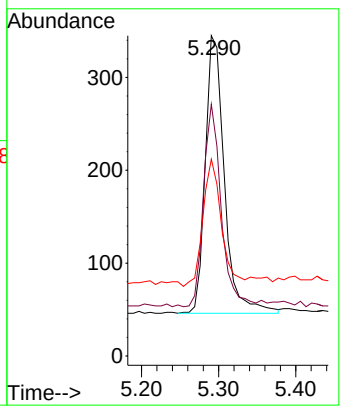


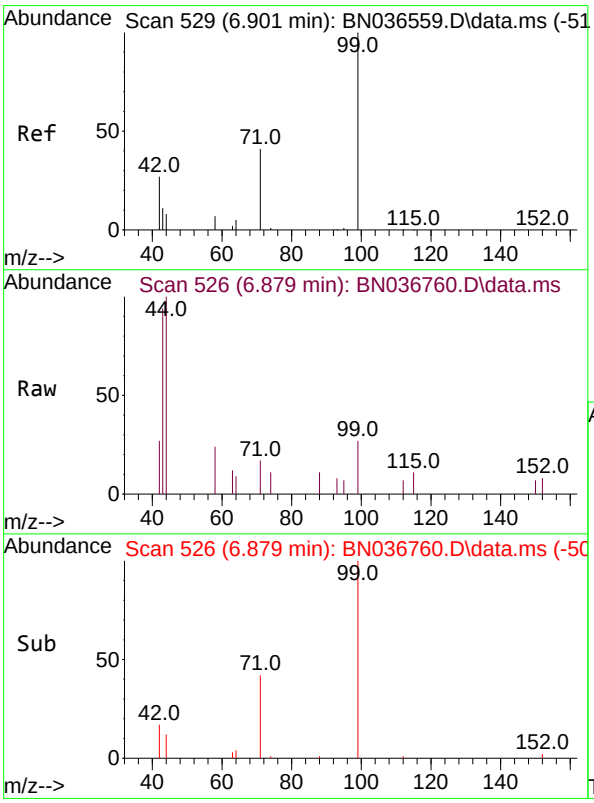
#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.290 min Scan# 3(
Delta R.T. -0.022 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Tgt Ion:112 Resp: 514

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.1	79.7
63	44.2	31.8	47.8

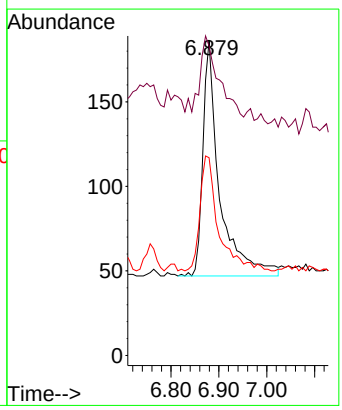


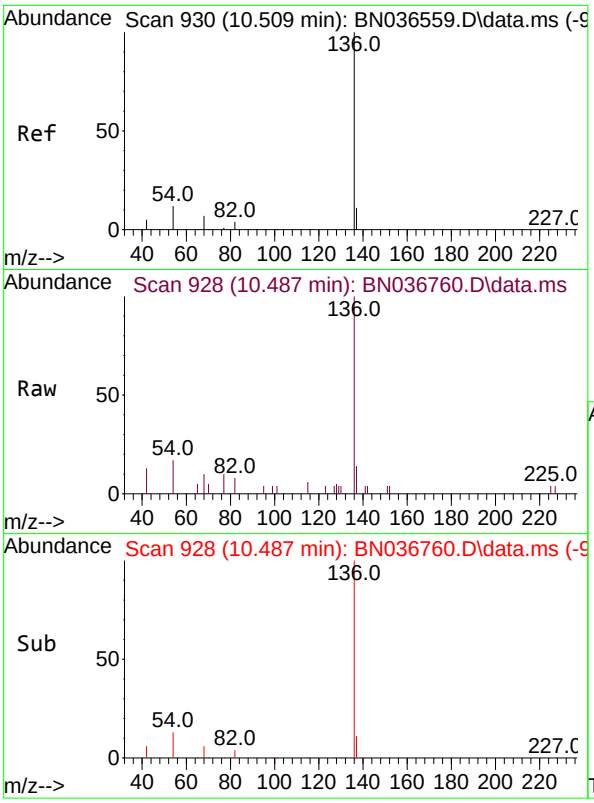


#5
Phenol-d6
Concen: 0.087 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion: 99 Resp: 338

Ion	Ratio	Lower	Upper
99	100		
42	37.3	26.5	39.7
71	53.8	34.1	51.1#



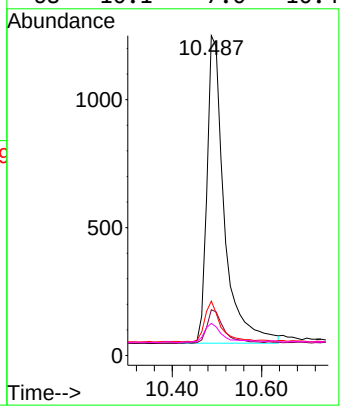


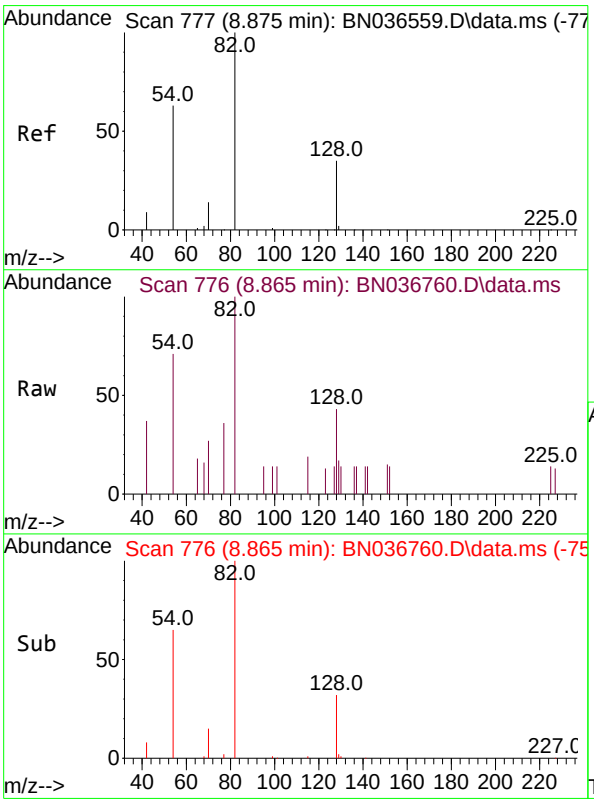
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Tgt Ion:136 Resp: 3227

Ion	Ratio	Lower	Upper
136	100		
137	14.3	10.3	15.5
54	17.0	11.5	17.3
68	10.1	7.0	10.4

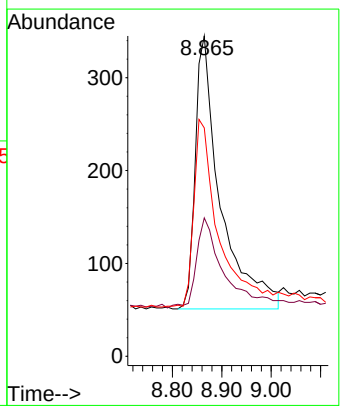


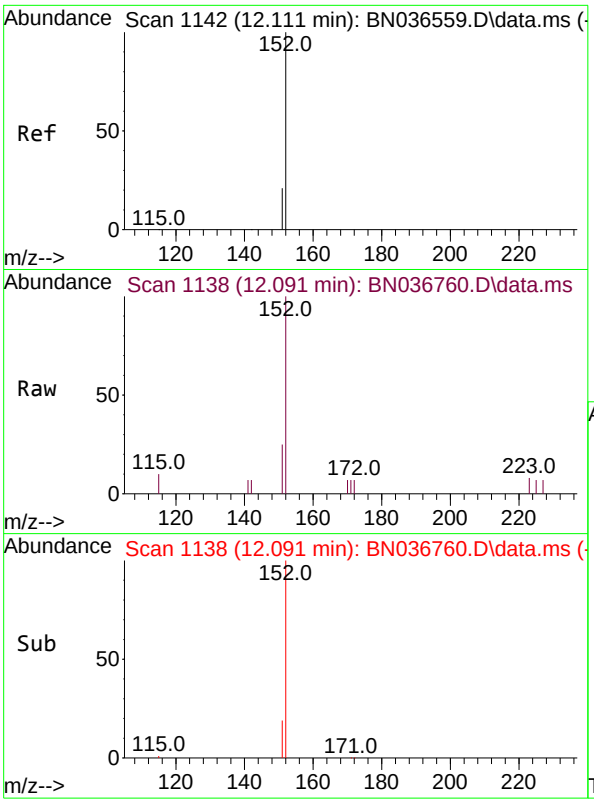


#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion: 82 Resp: 1038

Ion	Ratio	Lower	Upper
82	100		
128	43.2	30.6	45.8
54	71.3	52.2	78.4



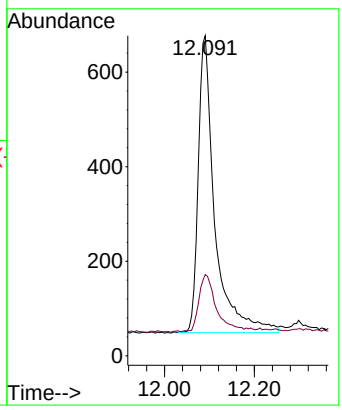


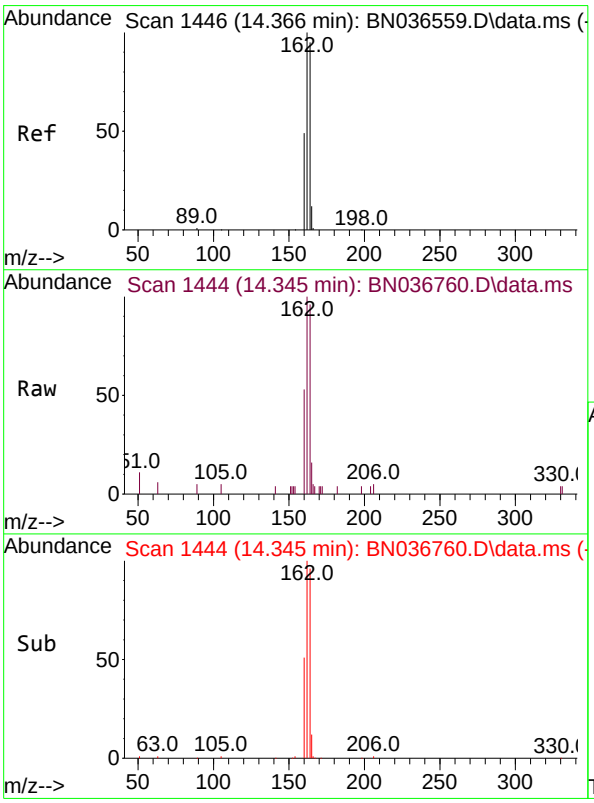
#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.091 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Tgt Ion:152 Resp: 1606

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6

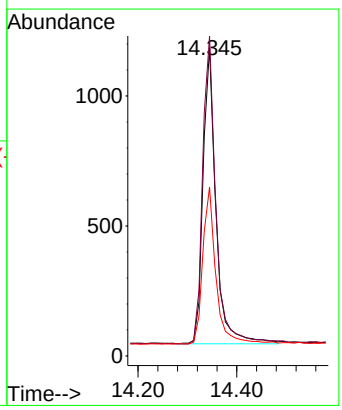


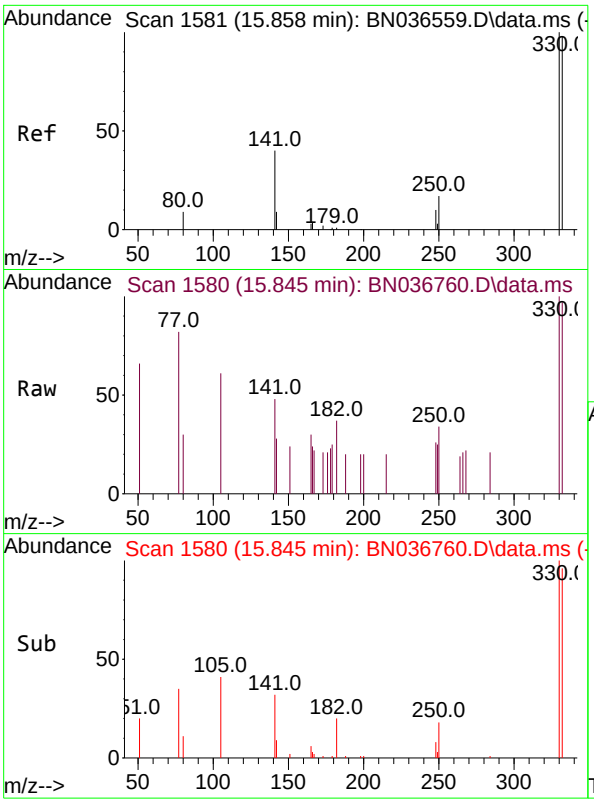


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion:164 Resp: 2069

Ion	Ratio	Lower	Upper
164	100		
162	103.8	84.2	126.2
160	54.8	42.2	63.2



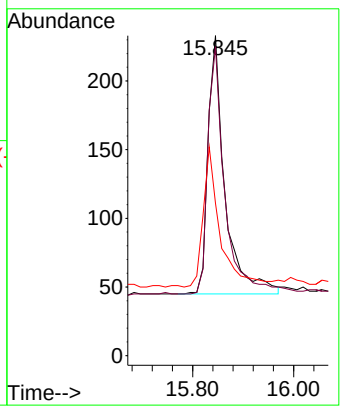


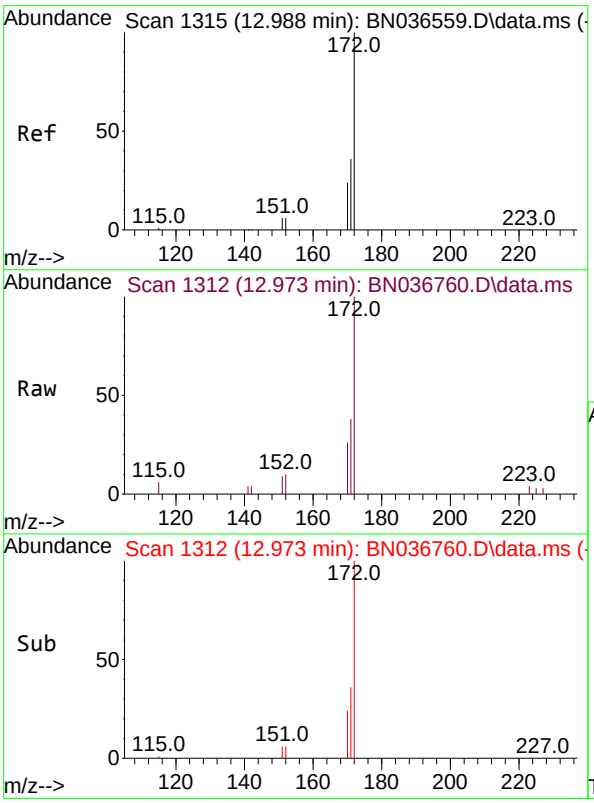
#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.845 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Tgt Ion:330 Resp: 439

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.2	112.8
141	54.7	43.4	65.2

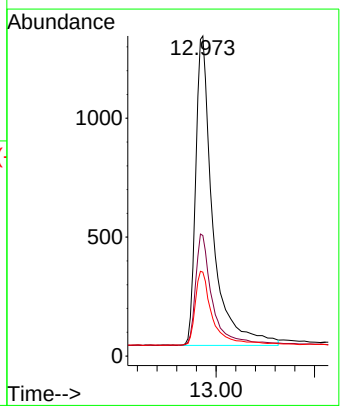


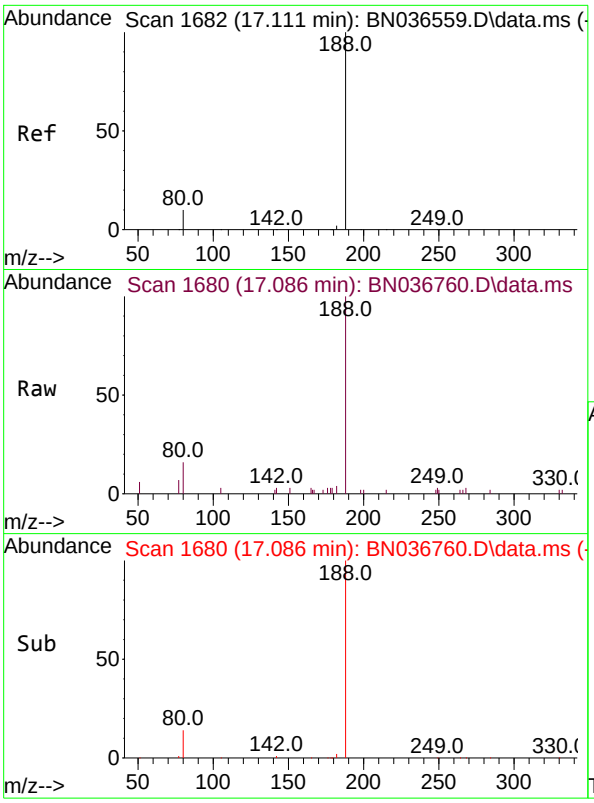


#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.015 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion:172 Resp: 4144

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.5	44.3
170	26.2	20.2	30.4



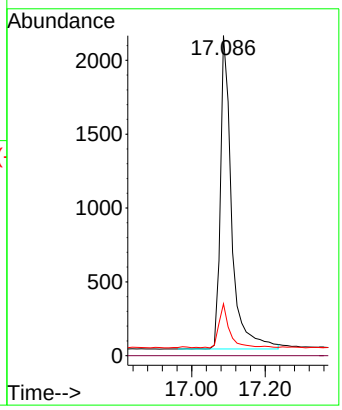


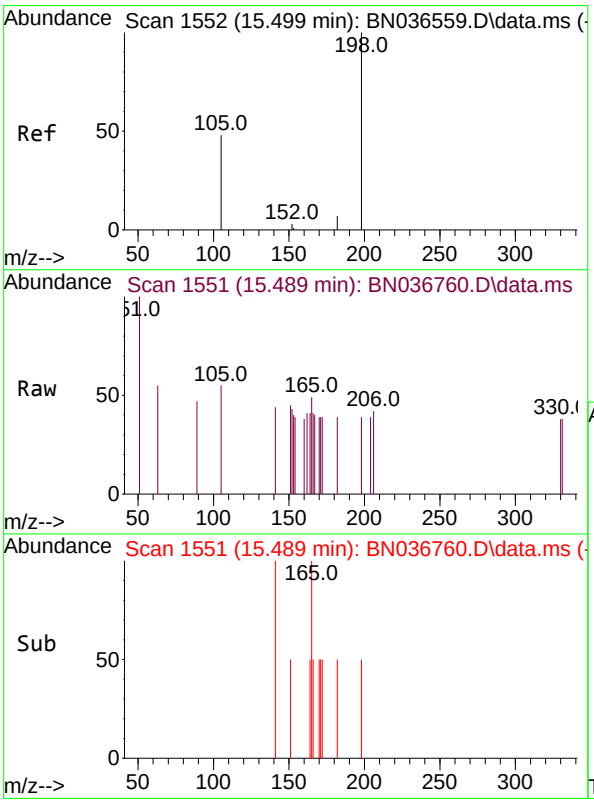
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Tgt Ion:188 Resp: 4501

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.2	8.8	13.2#

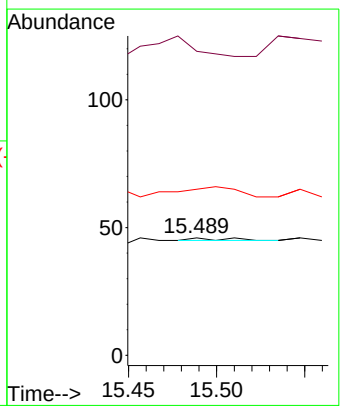


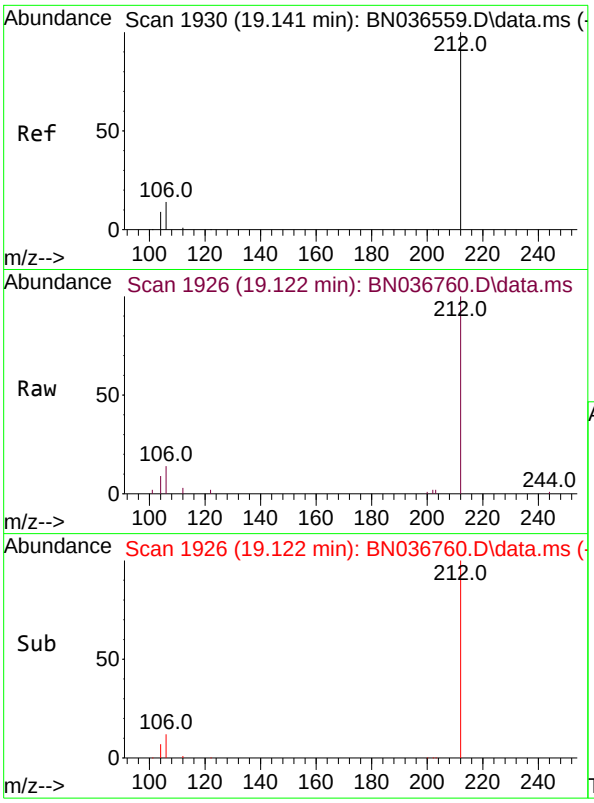


#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.010 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	258.7	107.9	161.9#
105	141.3	56.2	84.2#



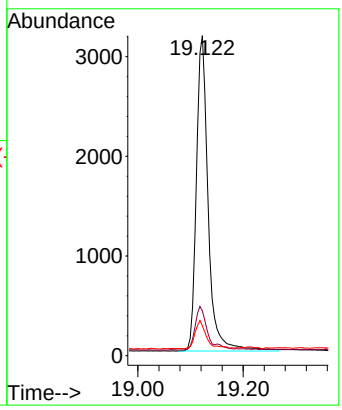


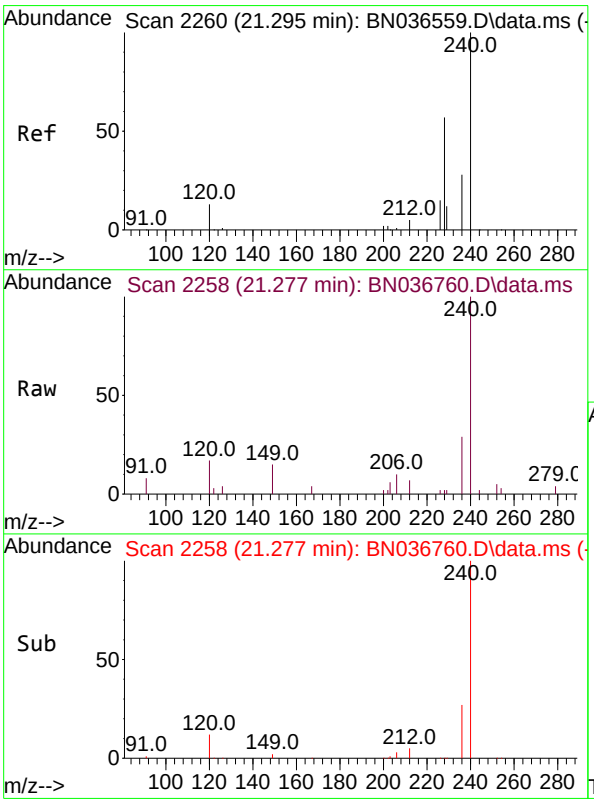
#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.122 min Scan# 1
Delta R.T. -0.018 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Tgt Ion:212 Resp: 4927

Ion	Ratio	Lower	Upper
212	100		
106	14.5	11.8	17.6
104	8.6	7.3	10.9

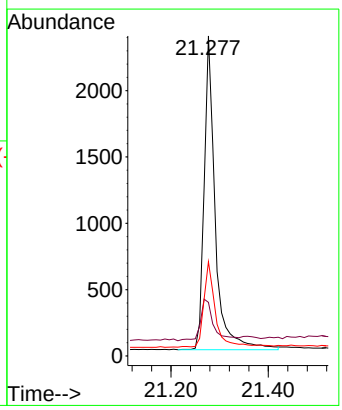


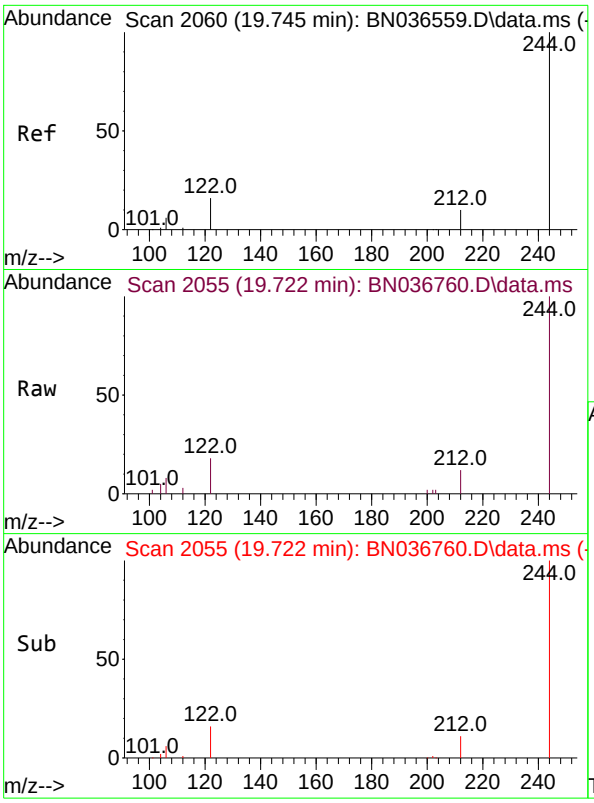


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion:240 Resp: 3749

Ion	Ratio	Lower	Upper
240	100		
120	16.7	14.6	22.0
236	29.5	24.1	36.1



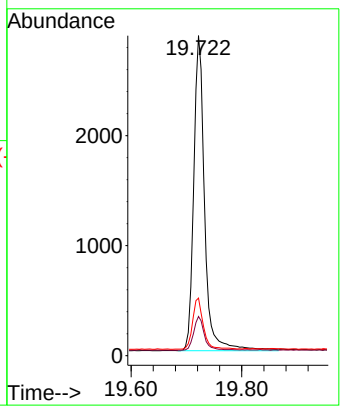


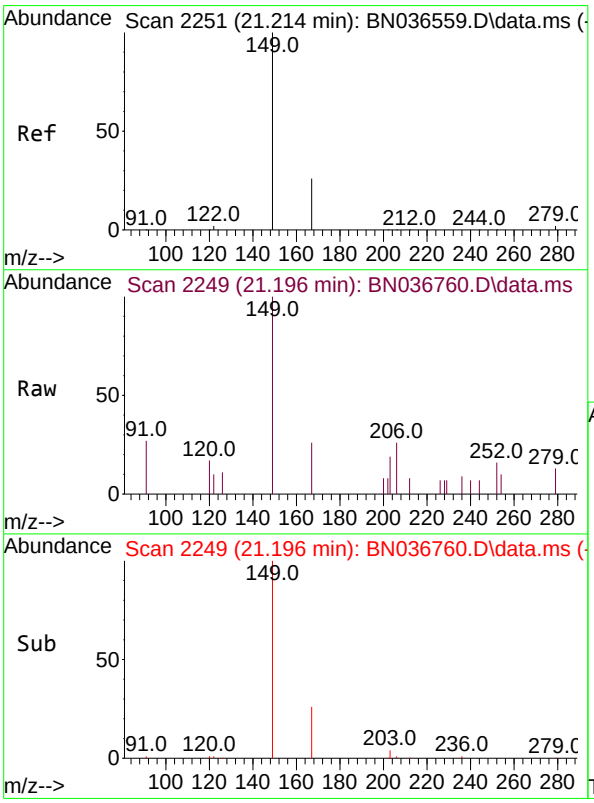
#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.722 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Tgt Ion:244 Resp: 3921

Ion	Ratio	Lower	Upper
244	100		
212	12.3	9.6	14.4
122	18.0	13.9	20.9

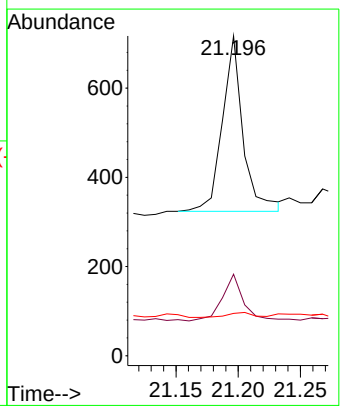


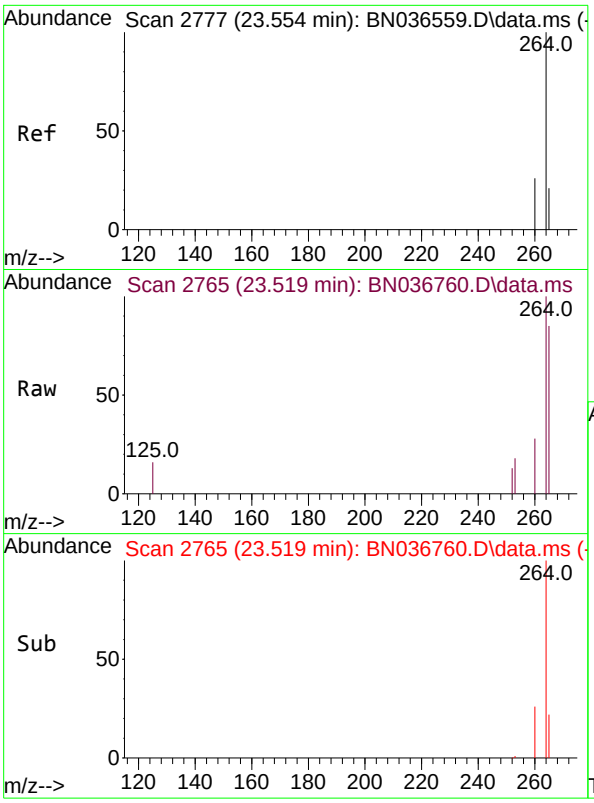


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Tgt Ion:149 Resp: 453

Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.7	31.1
279	3.5	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2
Delta R.T. -0.035 min
Lab File: BN036760.D
Acq: 28 Mar 2025 05:34

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250319

Tgt Ion:264 Resp: 3365

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.6	33.8
265	85.5	88.1	132.1#