Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
Data File : BN036964.D
Acq On : 07 May 2025 15:46
Operator : RC/JU
Sample : Q1943-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Quant Time: May 07 16:36:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	1473	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	3725	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	2044	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4199	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3638	0.400	ng	0.00
35) Perylene-d12	23.424	264	3538	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	552	0.147	ng	0.00
5) Phenol-d6	6.809	99	372	0.080	ng	0.00
8) Nitrobenzene-d5	8.771	82	1340	0.344	ng	-0.01
11) 2-Methylnaphthalene-d10	12.006	152	1551	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	338	0.371	ng	0.00
15) 2-Fluorobiphenyl	12.893	172	3375	0.342	ng	0.00
27) Fluoranthene-d10	19.059	212	4425	0.406	ng	0.00
31) Terphenyl-d14	19.663	244	4088	0.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	11697	6.372	ng	94
6) bis(2-Chloroethyl)ether	7.062	93	155	0.036	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.144	149	1808	0.237	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
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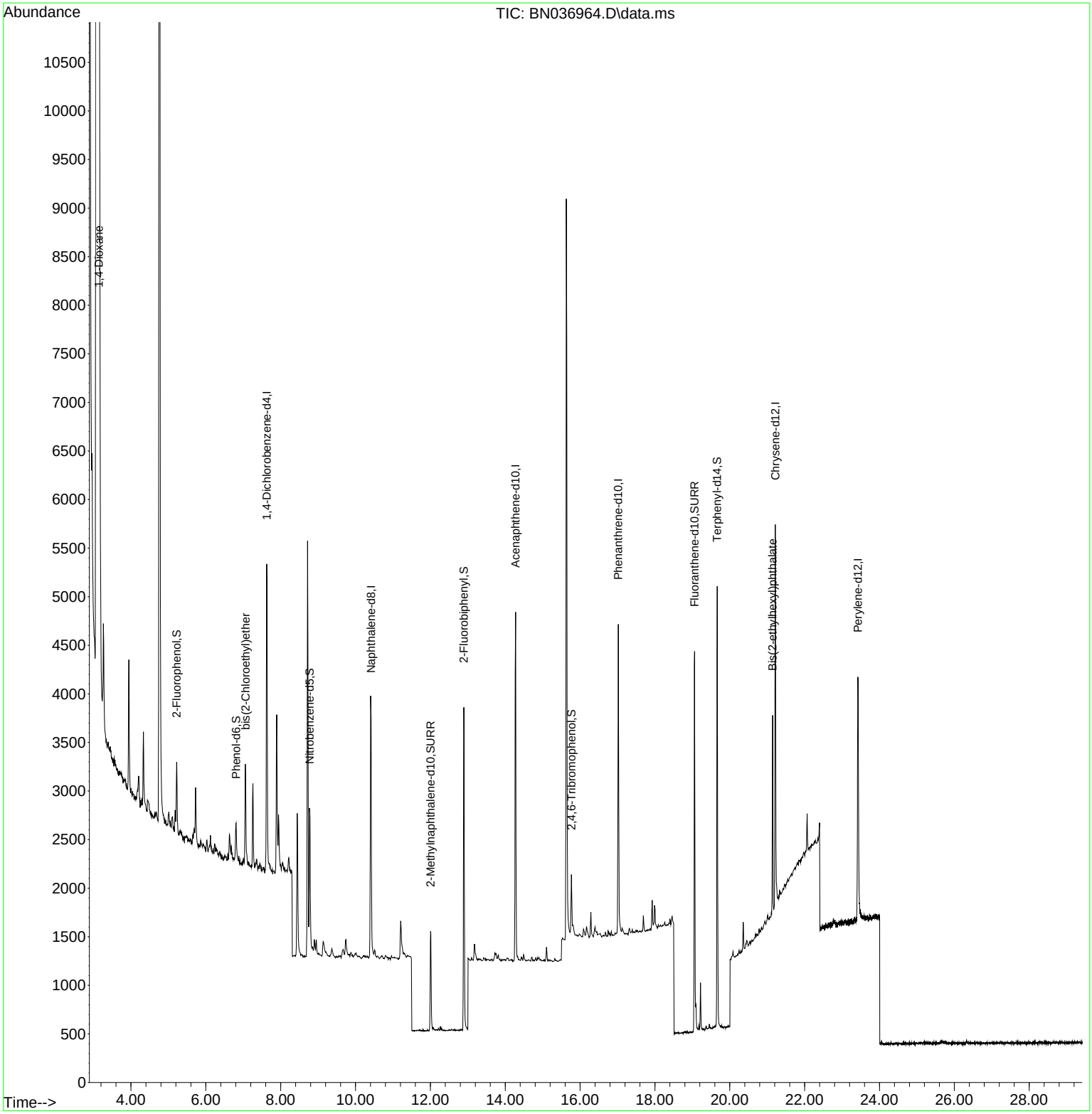
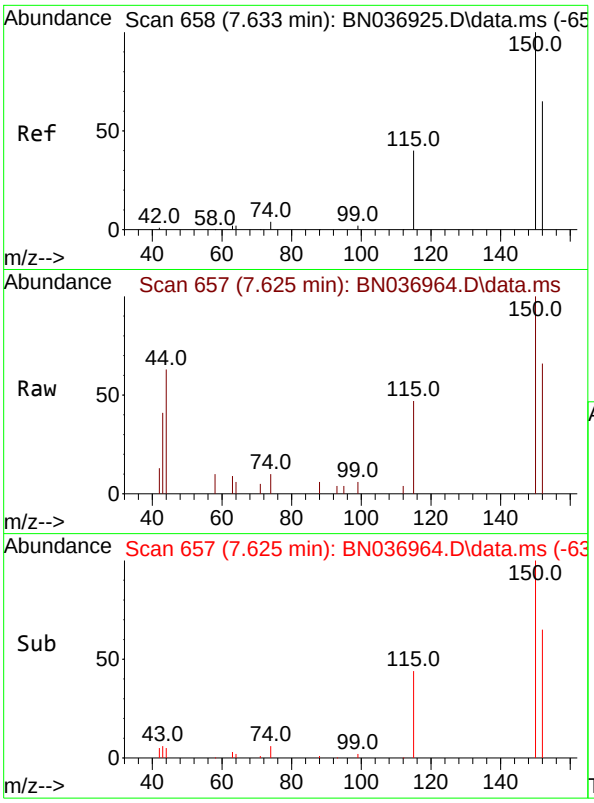


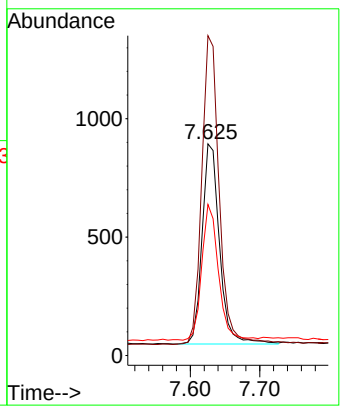


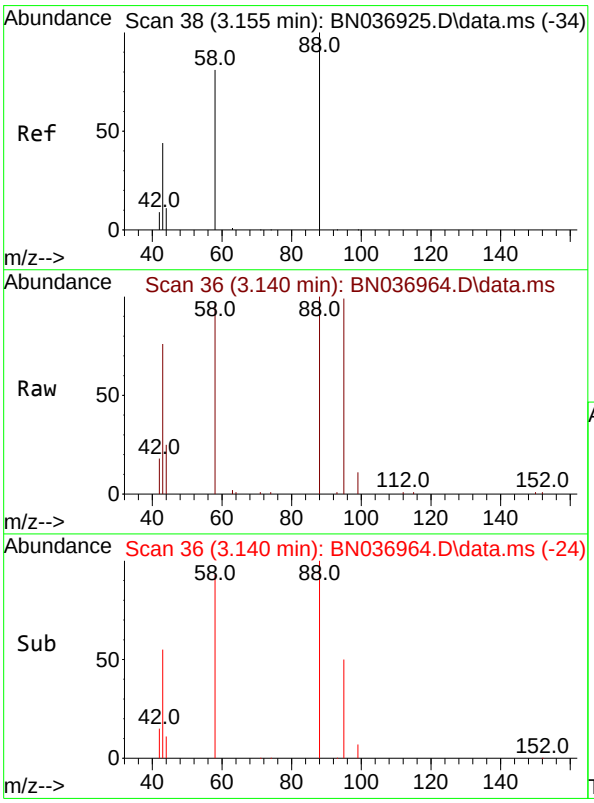
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.625 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Tgt Ion:152 Resp: 1473

Ion	Ratio	Lower	Upper
152	100		
150	151.1	121.1	181.7
115	71.4	51.8	77.6

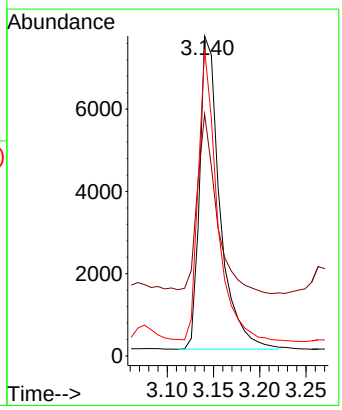


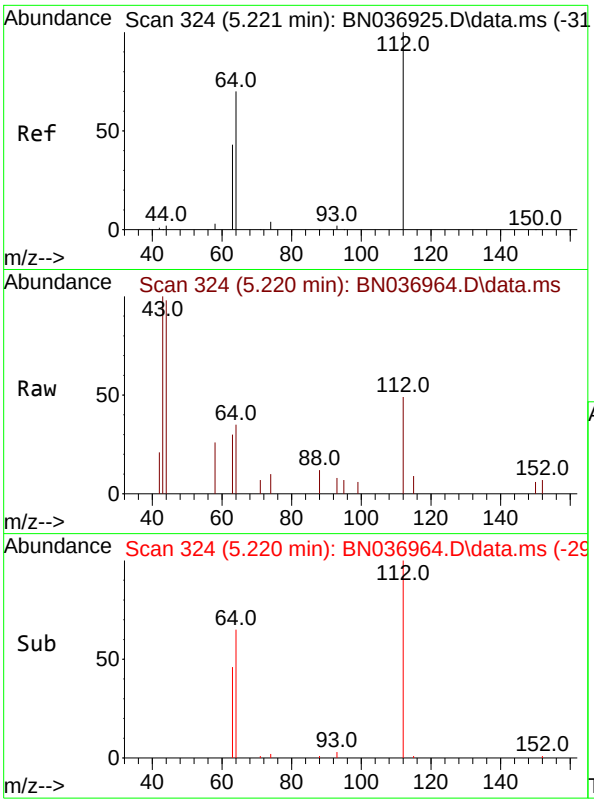


#2
1,4-Dioxane
Concen: 6.372 ng
RT: 3.140 min Scan# 36
Delta R.T. -0.015 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion: 88 Resp: 11697

Ion	Ratio	Lower	Upper
88	100		
43	54.4	37.9	56.9
58	85.2	65.8	98.6



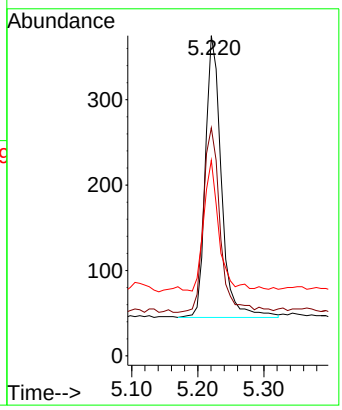


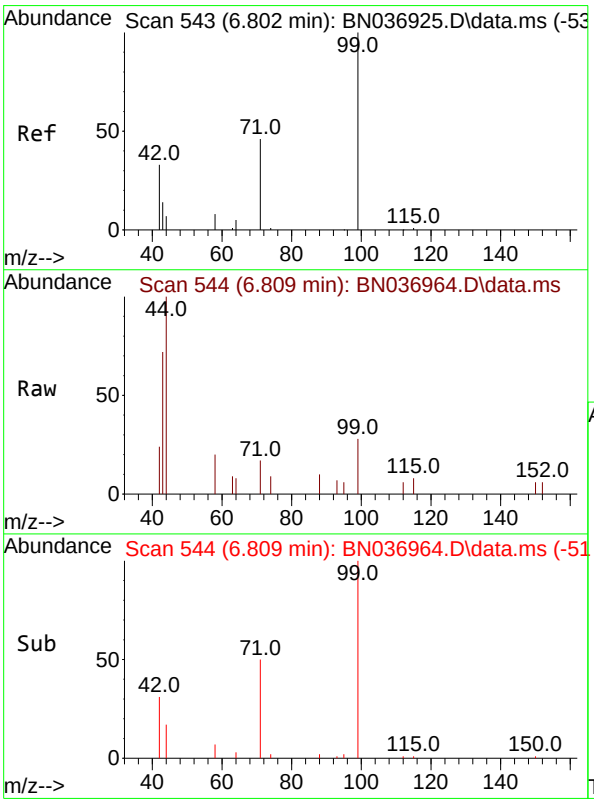
#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.220 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Tgt Ion:112 Resp: 552

Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.7	83.5
63	42.8	33.9	50.9

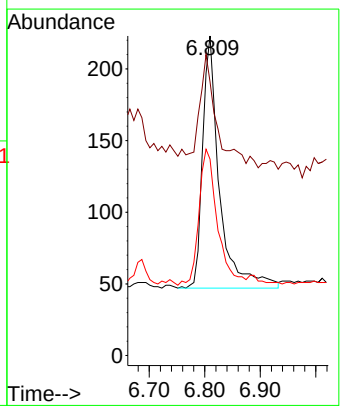


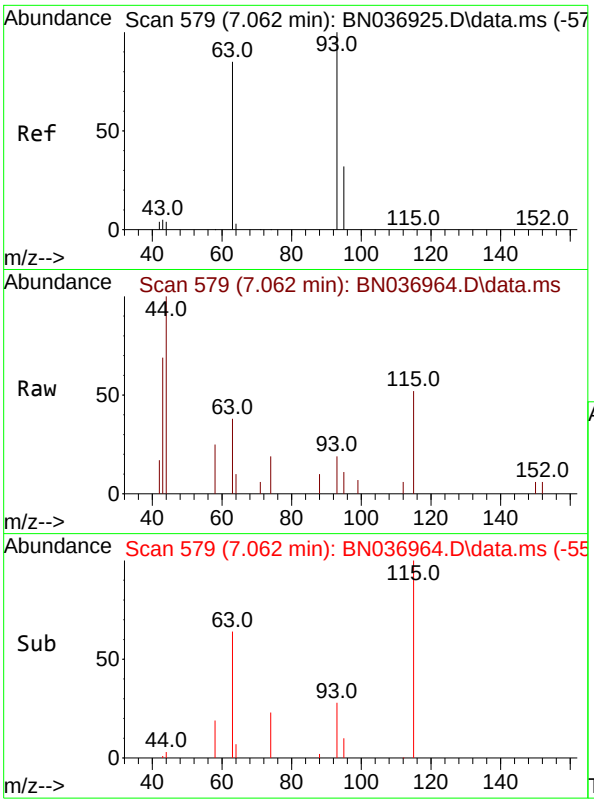


#5
Phenol-d6
Concen: 0.080 ng
RT: 6.809 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion: 99 Resp: 372

Ion	Ratio	Lower	Upper
99	100		
42	46.8	29.6	44.4#
71	59.1	36.0	54.0#



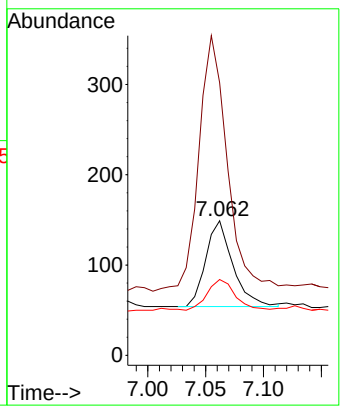


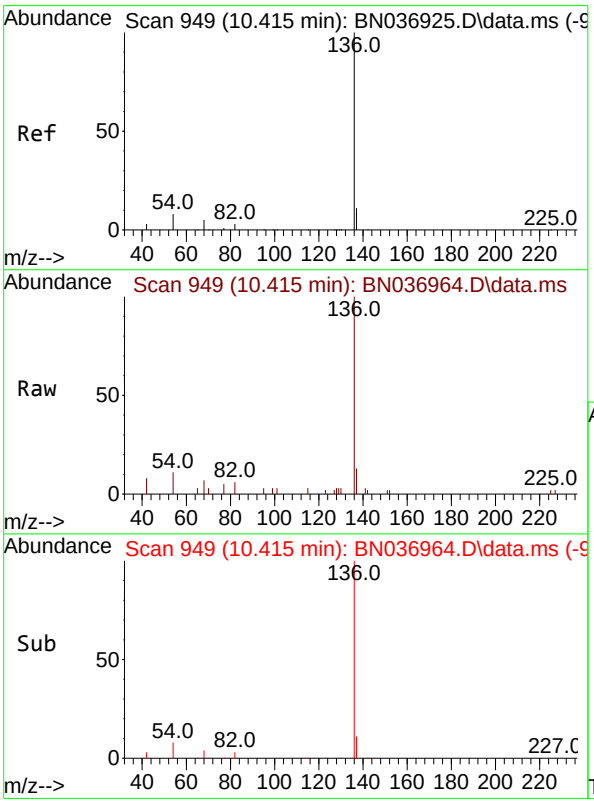
#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.062 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Tgt Ion: 93 Resp: 155

Ion	Ratio	Lower	Upper
93	100		
63	318.1	69.0	103.6#
95	39.4	25.4	38.0#

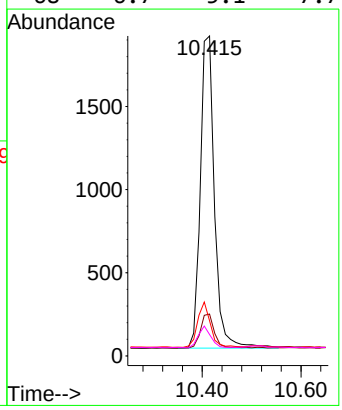


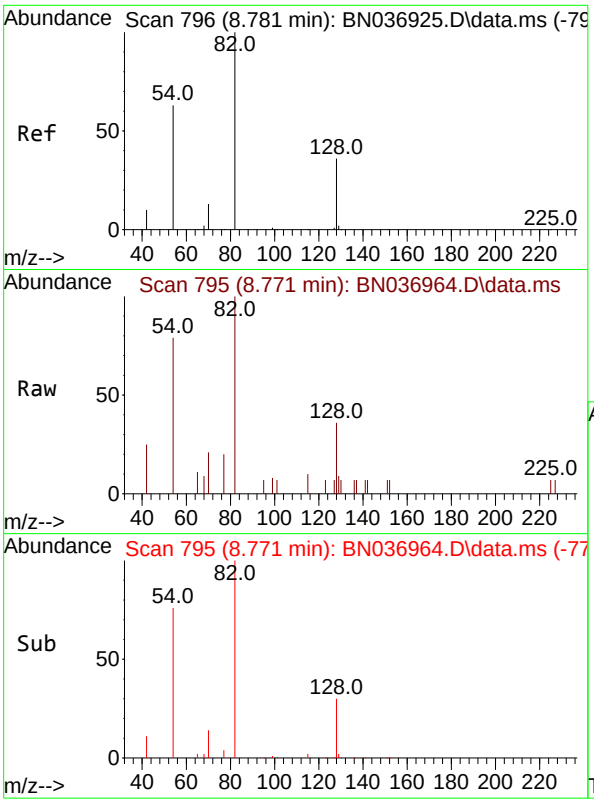


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion:136 Resp: 3725

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.7	14.5
54	11.0	8.0	12.0
68	6.7	5.1	7.7



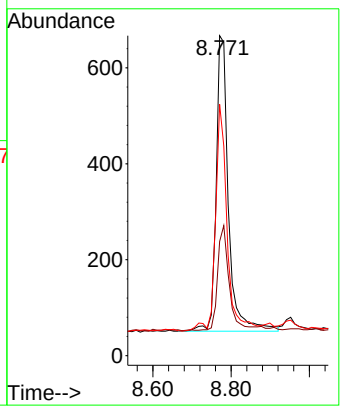


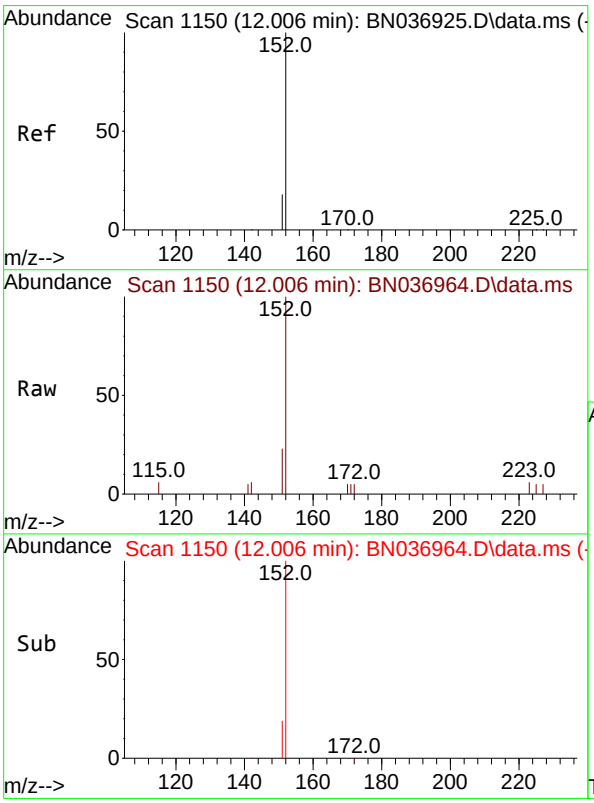
#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.771 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Tgt Ion: 82 Resp: 1340

Ion	Ratio	Lower	Upper
82	100		
128	35.7	30.7	46.1
54	78.6	52.1	78.1#

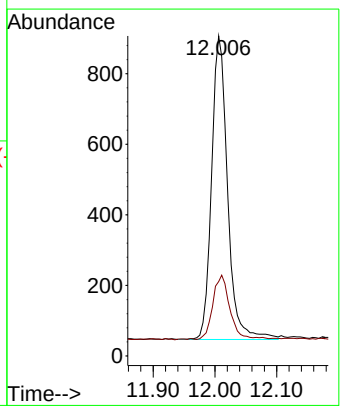


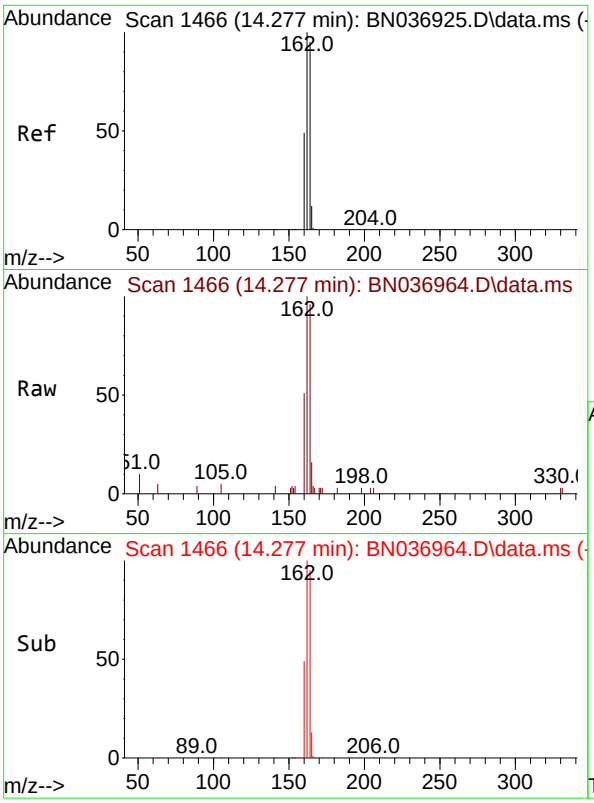


#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.006 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion:152 Resp: 1551

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.9	25.3



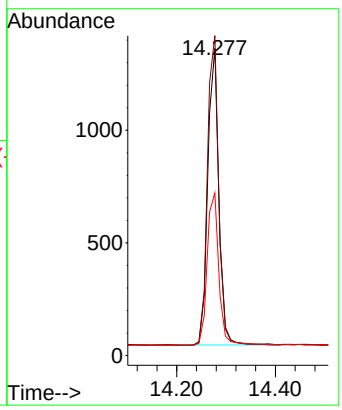


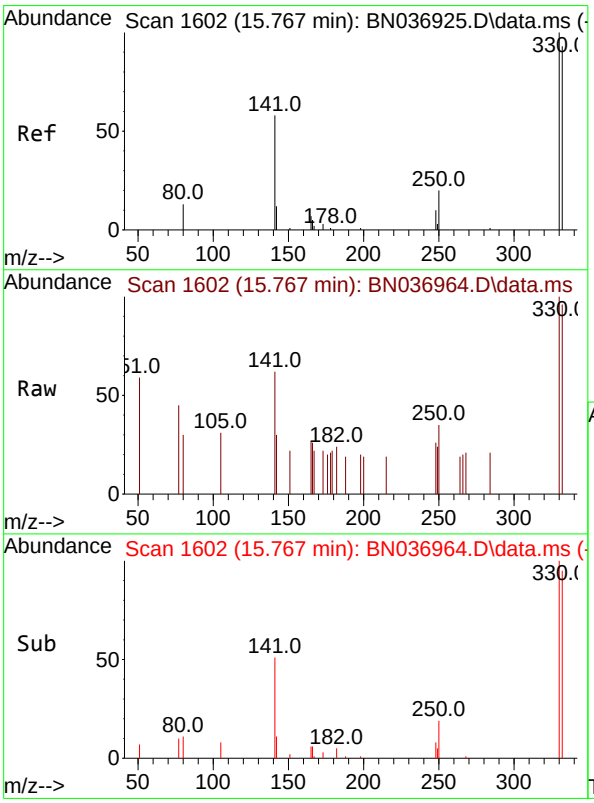
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Tgt Ion:164 Resp: 2044

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.8	125.8
160	53.0	42.0	63.0

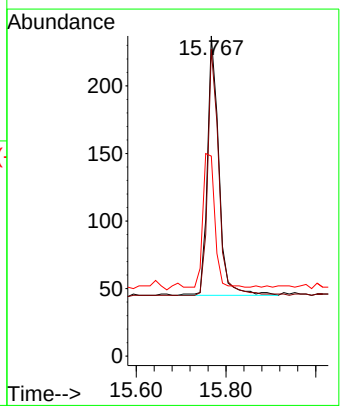


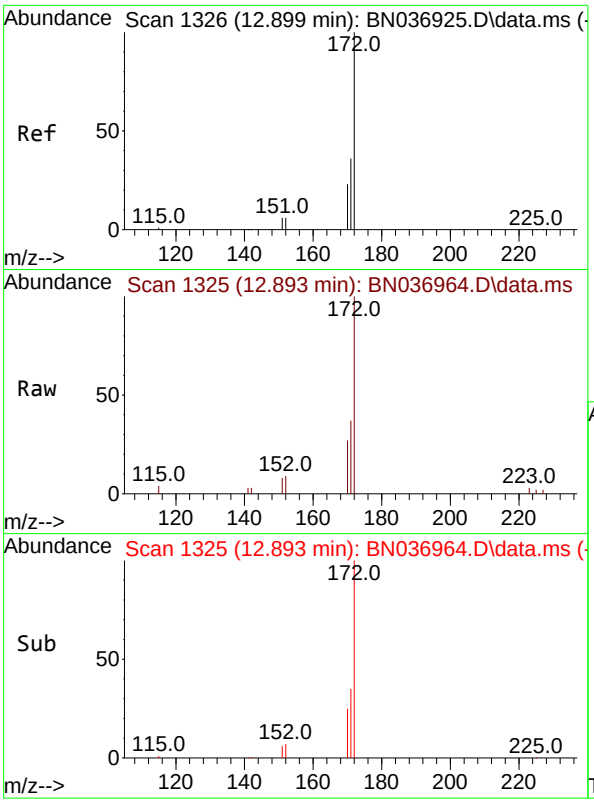


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.767 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion:330 Resp: 338

Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.3	114.5
141	54.4	45.4	68.2



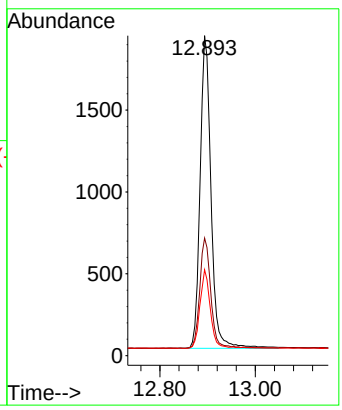


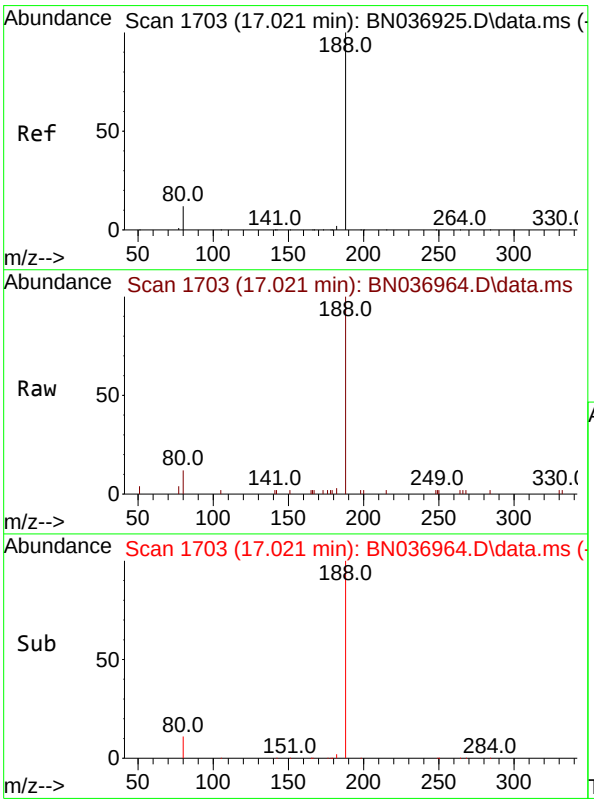
#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Tgt Ion:172 Resp: 3375

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	26.9	19.4	29.0

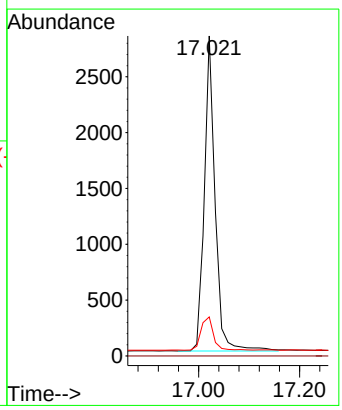


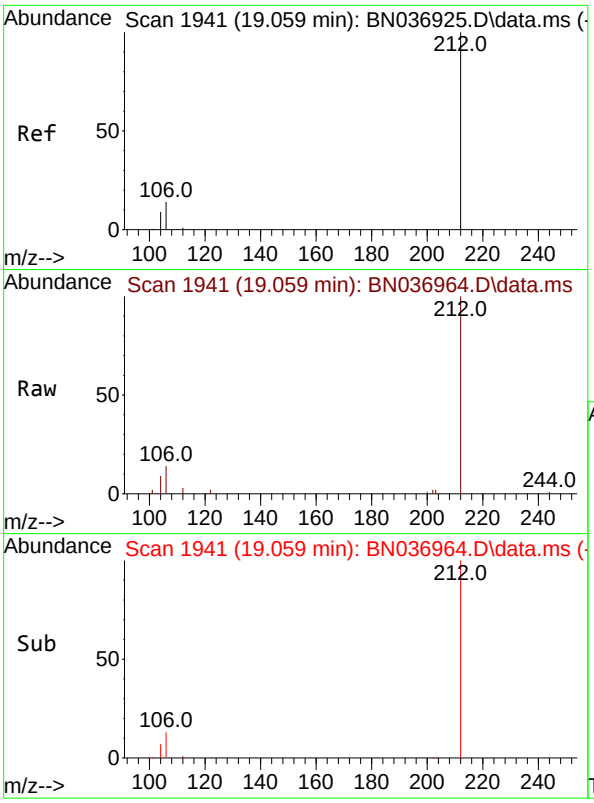


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion:188 Resp: 4199

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	10.7	16.1



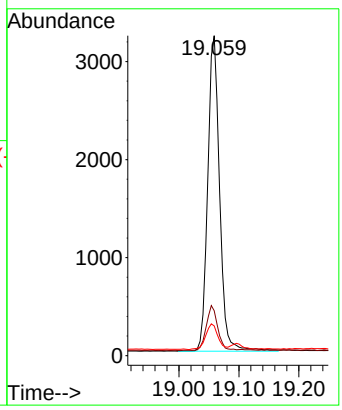


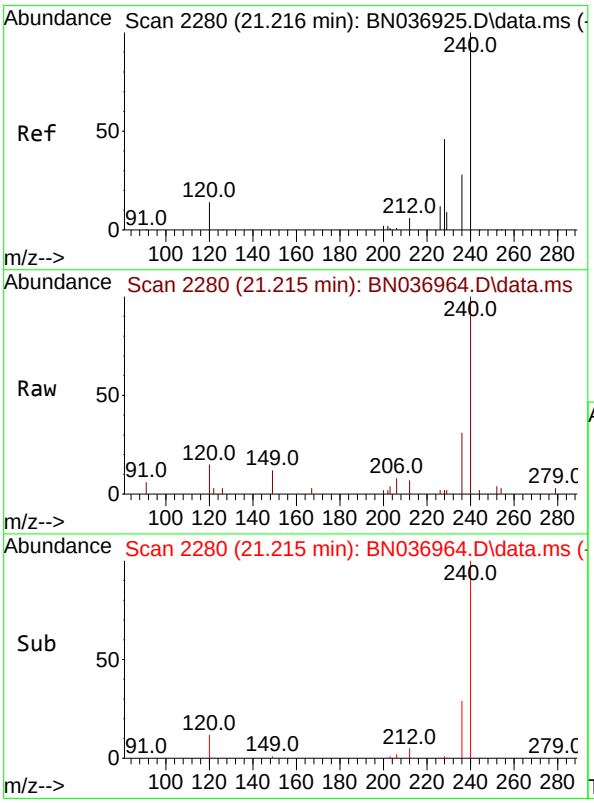
#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.059 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Tgt Ion:212 Resp: 4425

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.6	17.4
104	8.5	7.0	10.4

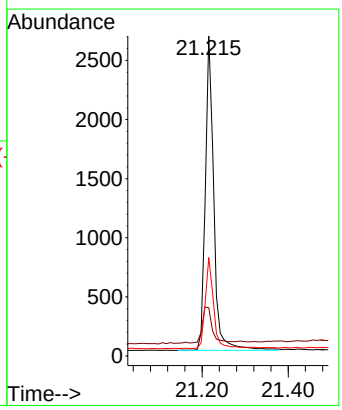


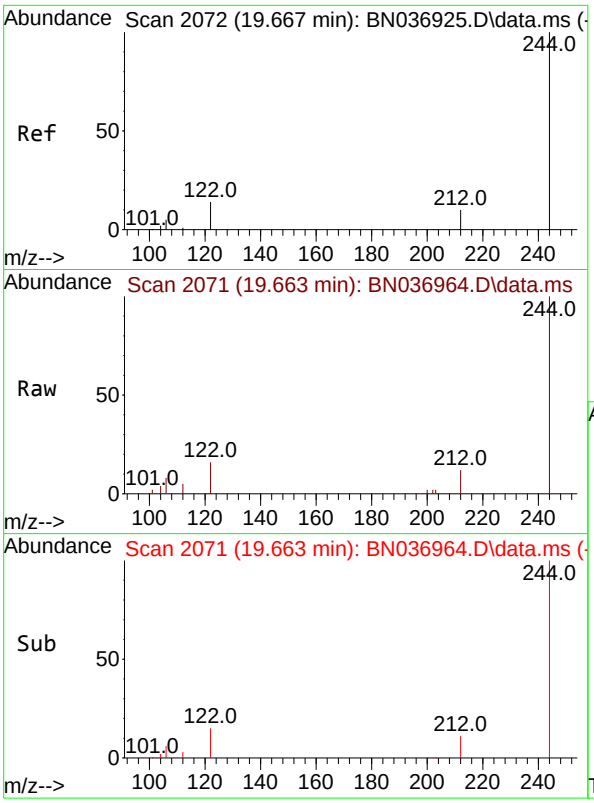


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion:240 Resp: 3638

Ion	Ratio	Lower	Upper
240	100		
120	15.0	14.1	21.1
236	30.8	23.8	35.8



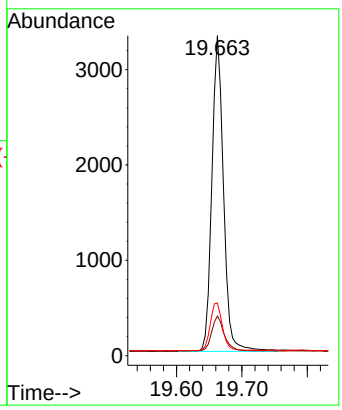


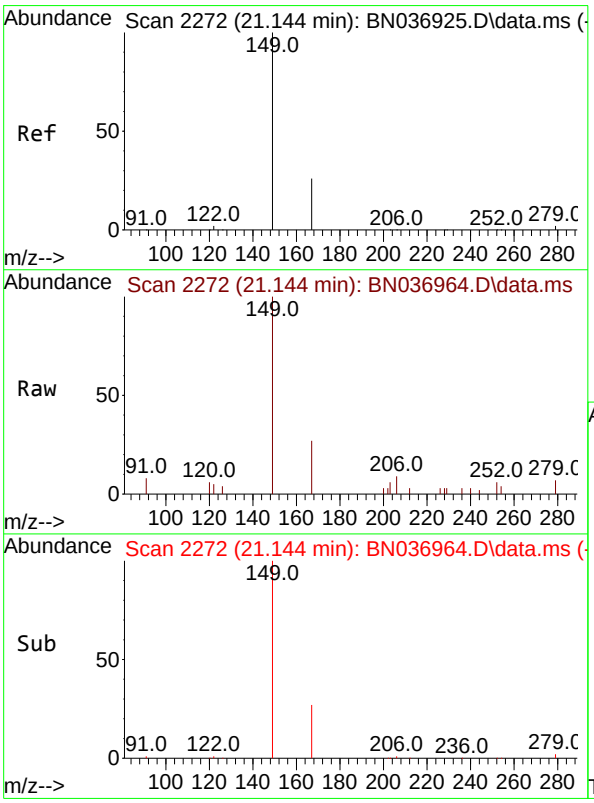
#31
Terphenyl-d14
Concen: 0.476 ng
RT: 19.663 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Tgt Ion:244 Resp: 4088

Ion	Ratio	Lower	Upper
244	100		
212	12.4	9.6	14.4
122	16.4	12.7	19.1

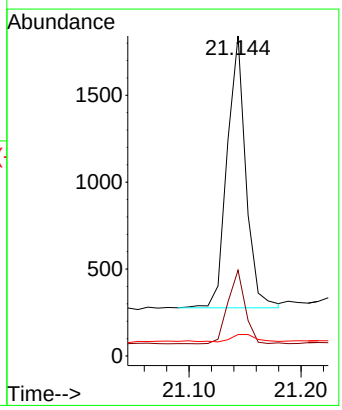


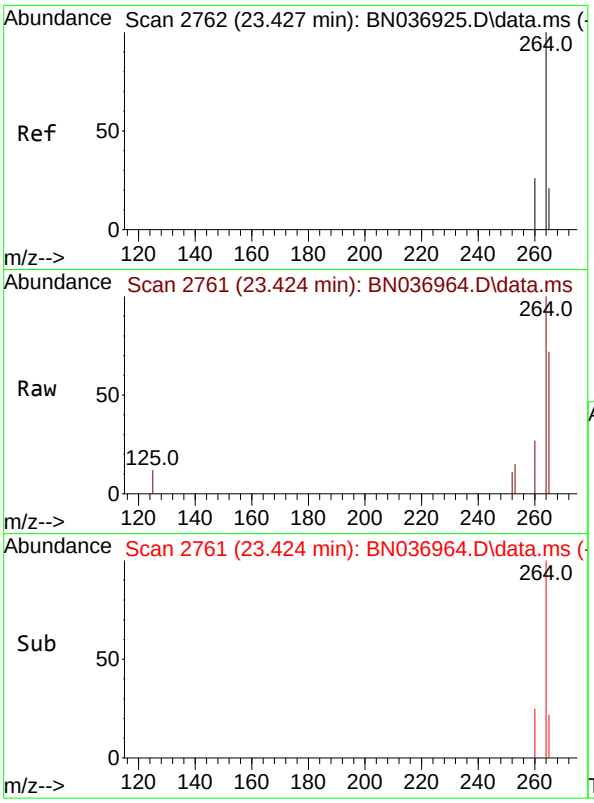


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.237 ng
RT: 21.144 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion:149 Resp: 1808

Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.0	31.6
279	3.7	2.7	4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.424 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

Tgt Ion:264 Resp: 3538

Ion	Ratio	Lower	Upper
264	100		
260	26.9	22.2	33.2
265	71.9	65.8	98.6