Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
Data File : BN036686.D
Acq On : 18 Mar 2025 11:10
Operator : RC/JU
Sample : Q1582-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 18 11:42:31 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	7.710	152	2029	0.400	ng	-0.01
7) Naphthalene-d8	10.498	136	4853	0.400	ng	-0.01
13) Acenaphthene-d10	14.356	164	3032	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	6208	0.400	ng	-0.01
29) Chrysene-d12	21.286	240	4364	0.400	ng	0.00
35) Perylene-d12	23.537	264	3806	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	158	0.033	ng	0.00
5) Phenol-d6	6.887	99	120	0.021	ng	-0.01
8) Nitrobenzene-d5	8.875	82	331	0.063	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	394	0.055	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	115	0.084	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	1040	0.059	ng	0.00
27) Fluoranthene-d10	19.137	212	1415	0.089	ng	0.00
31) Terphenyl-d14	19.731	244	976	0.093	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	4940	2.195	ng	93
20) 4,6-Dinitro-2-methylph...	15.478	198	6	0.150	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	709	0.066	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
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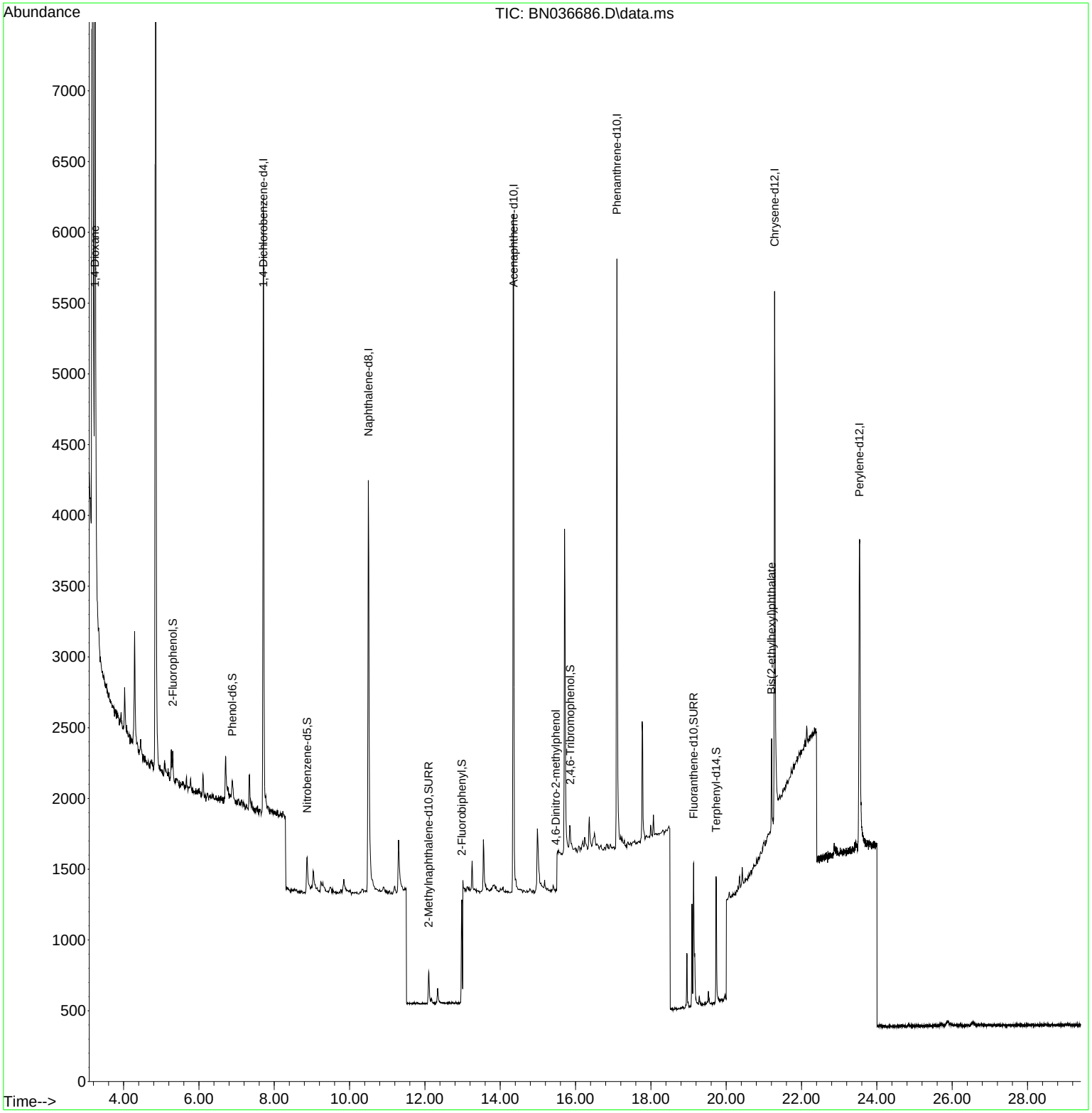
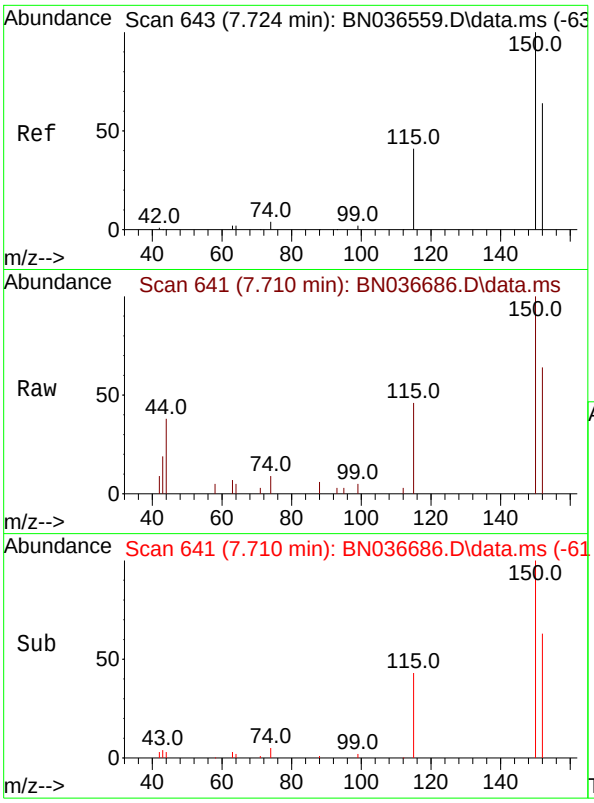


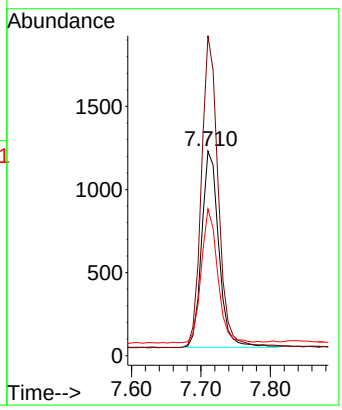


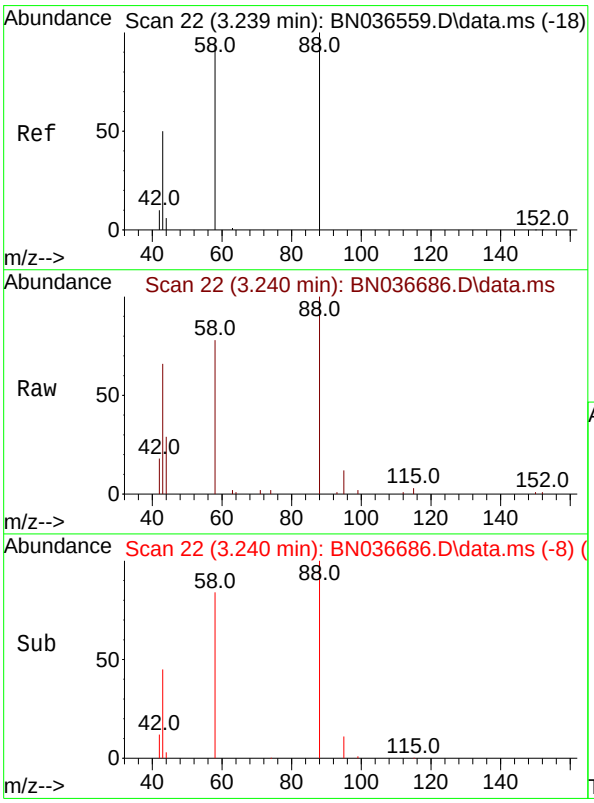
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2029

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	71.7	54.3	81.5

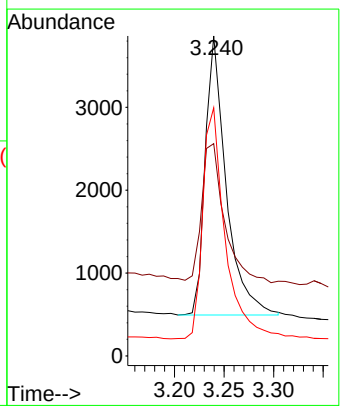


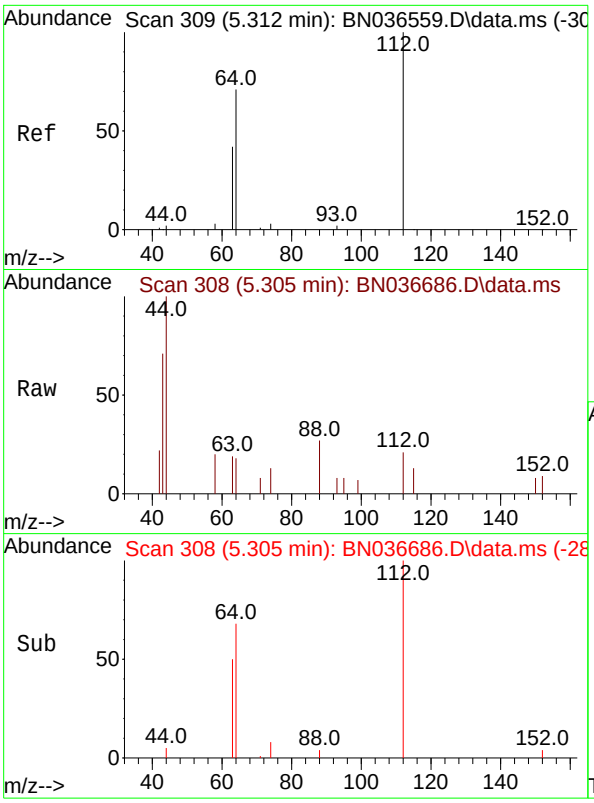


#2
1,4-Dioxane
Concen: 2.195 ng
RT: 3.240 min Scan# 22
Delta R.T. 0.001 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion: 88 Resp: 4940

Ion	Ratio	Lower	Upper
88	100		
43	54.3	37.8	56.8
58	88.7	67.4	101.2



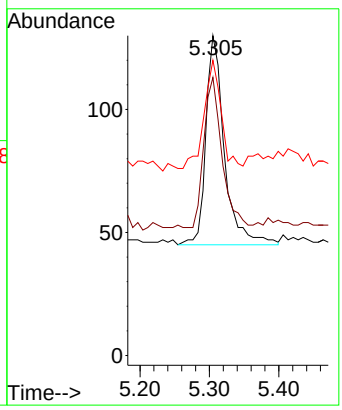


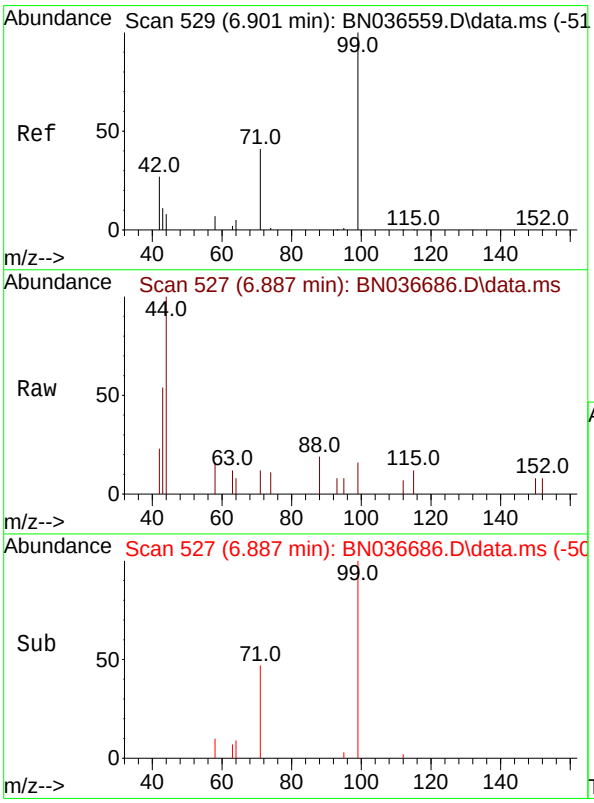
#4
2-Fluorophenol
Concen: 0.033 ng
RT: 5.305 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 158

Ion	Ratio	Lower	Upper
112	100		
64	69.6	53.1	79.7
63	47.5	31.8	47.8

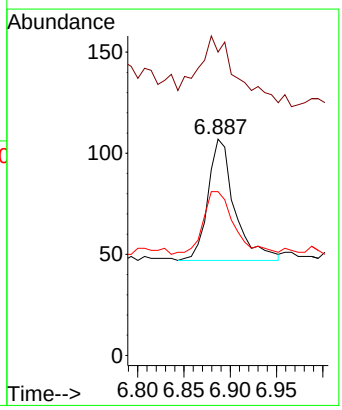


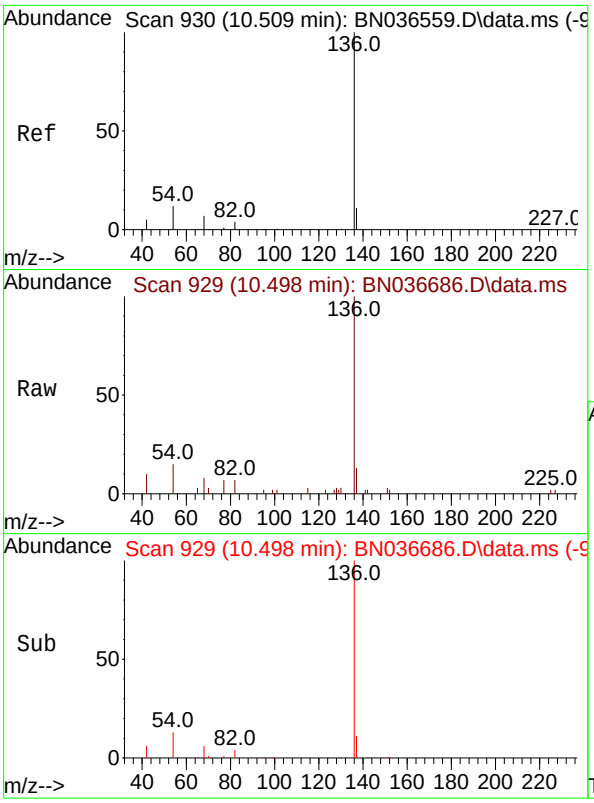


#5
Phenol-d6
Concen: 0.021 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.014 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion: 99 Resp: 120

Ion	Ratio	Lower	Upper
99	100		
42	82.5	26.5	39.7#
71	60.0	34.1	51.1#



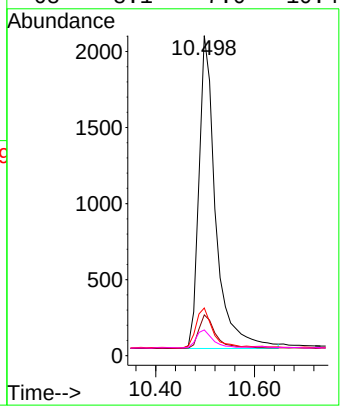


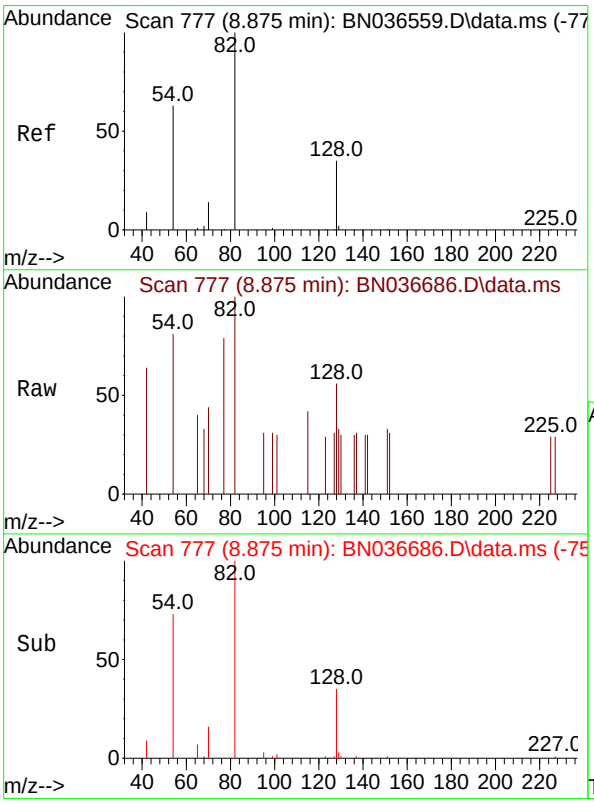
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4853

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	14.9	11.5	17.3
68	8.1	7.0	10.4

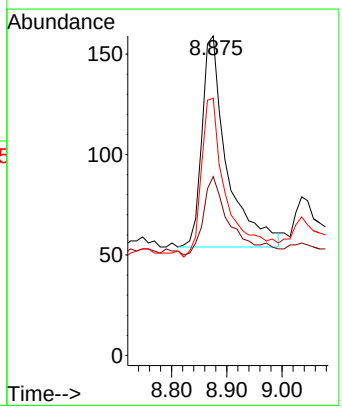


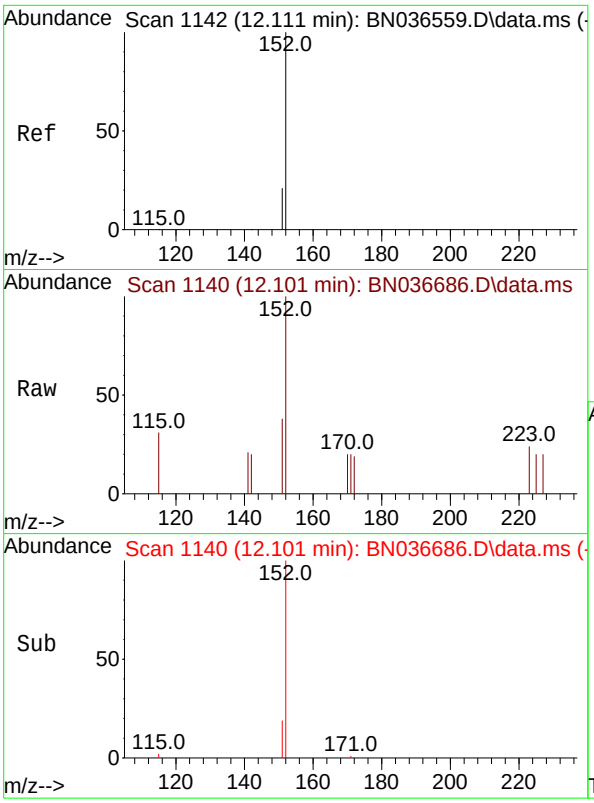


#8
Nitrobenzene-d5
Concen: 0.063 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion: 82 Resp: 331

Ion	Ratio	Lower	Upper
82	100		
128	56.0	30.6	45.8#
54	80.5	52.2	78.4#



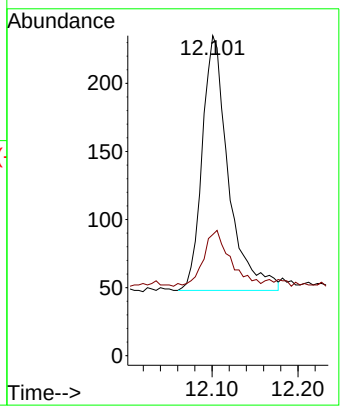


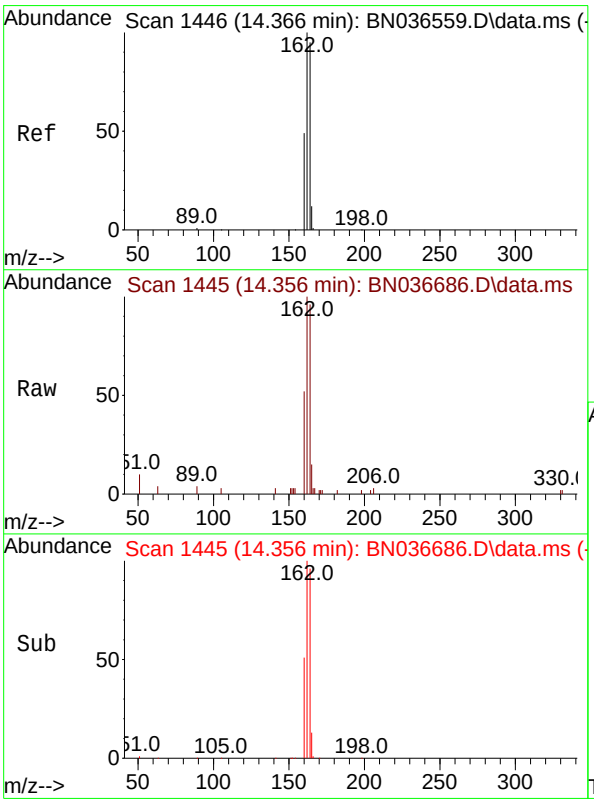
#11
2-Methylnaphthalene-d10
Concen: 0.055 ng
RT: 12.101 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 394

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.0	25.6

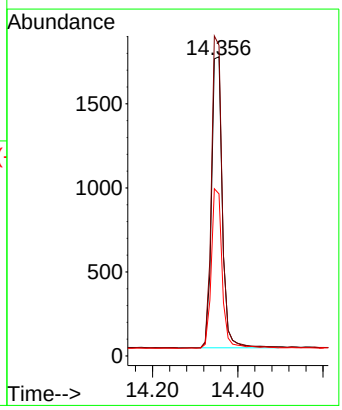


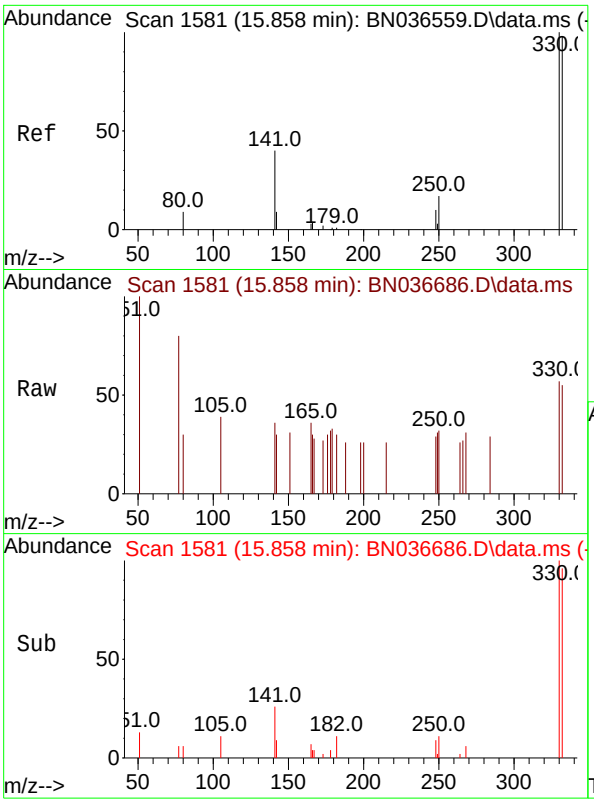


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. -0.010 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion:164 Resp: 3032

Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.2	126.2
160	54.2	42.2	63.2



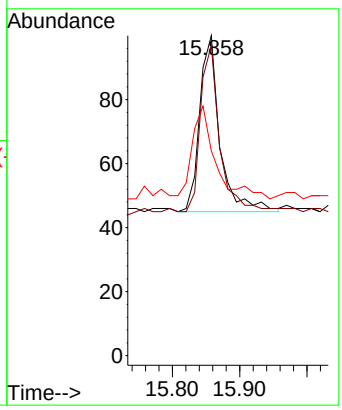


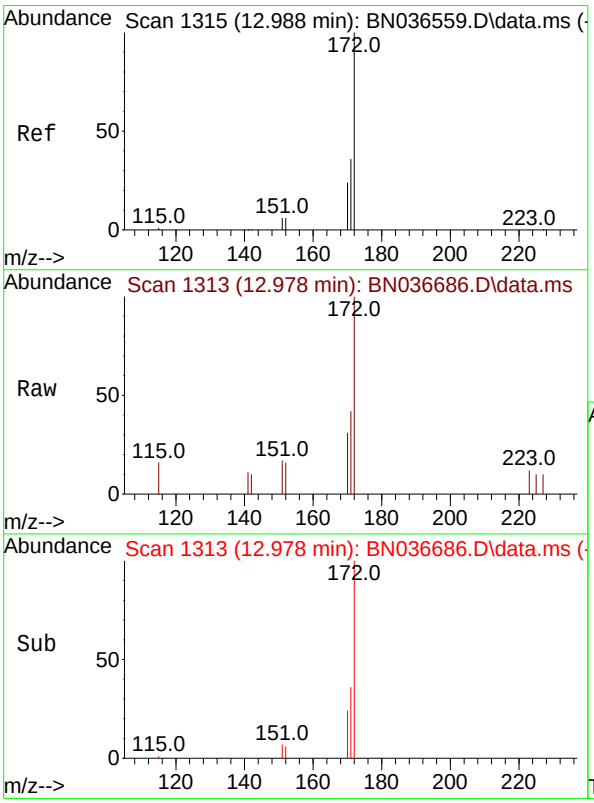
#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 15.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 115

Ion	Ratio	Lower	Upper
330	100		
332	92.2	75.2	112.8
141	60.0	43.4	65.2

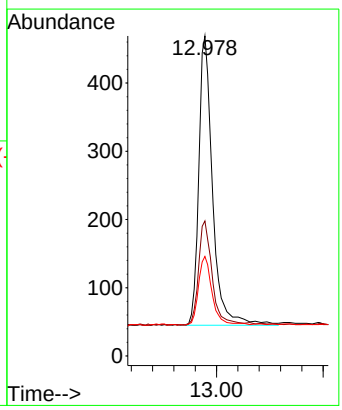


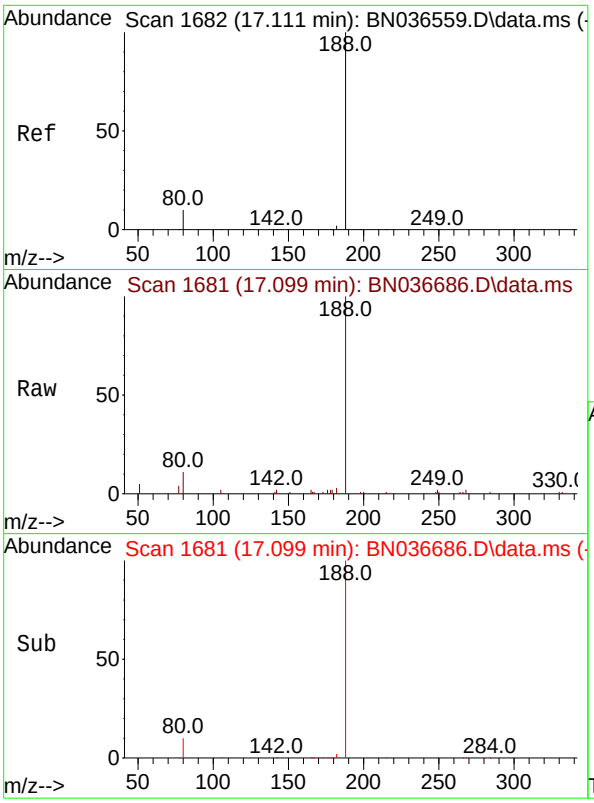


#15
2-Fluorobiphenyl
Concen: 0.059 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion:172 Resp: 1040

Ion	Ratio	Lower	Upper
172	100		
171	42.2	29.5	44.3
170	31.1	20.2	30.4#



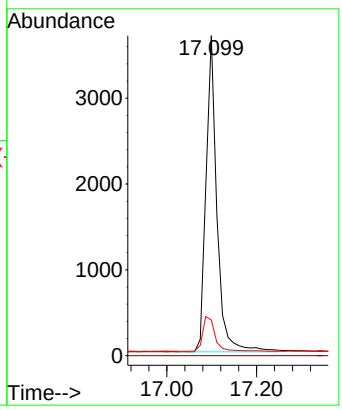


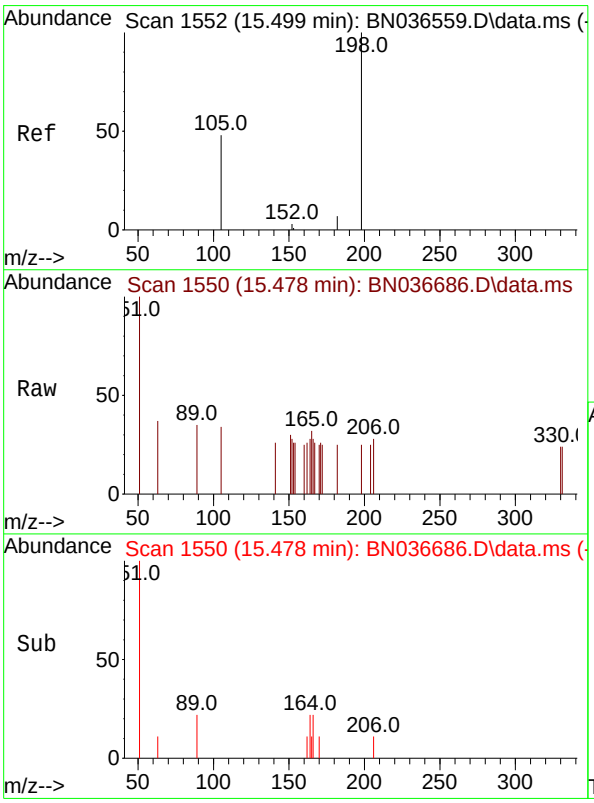
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6208

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	8.8	13.2

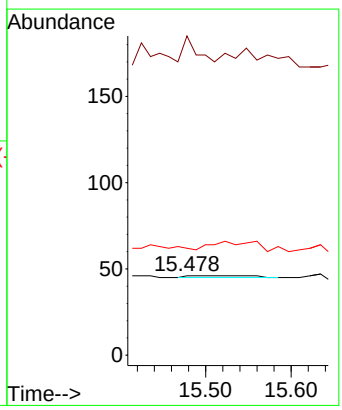


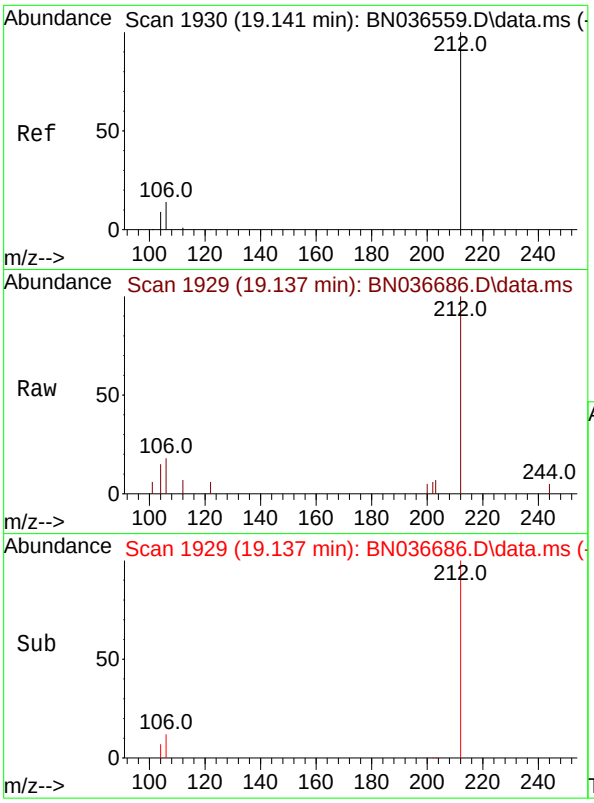


#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion:198 Resp: 6

Ion	Ratio	Lower	Upper
198	100		
51	402.2	107.9	161.9#
105	134.8	56.2	84.2#



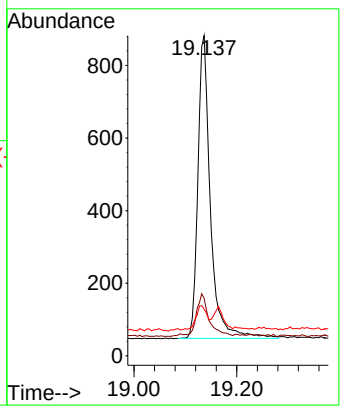


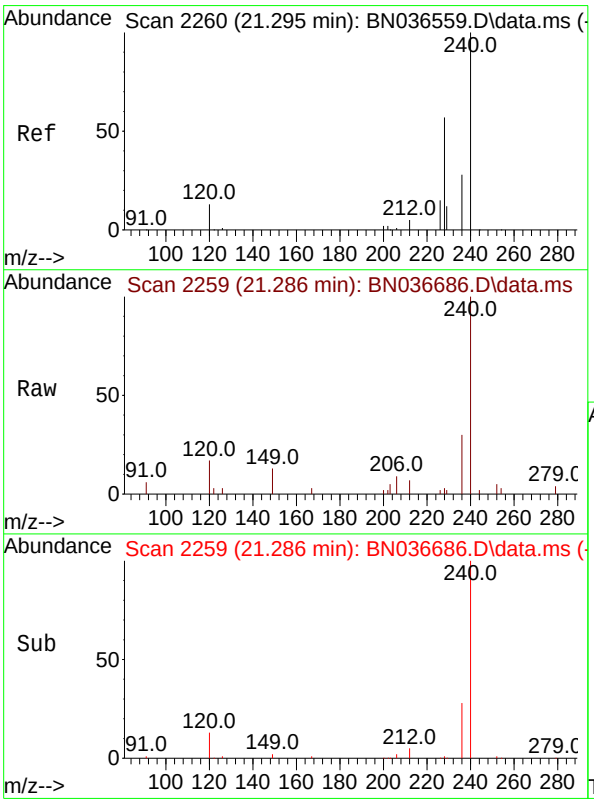
#27
Fluoranthene-d10
Concen: 0.089 ng
RT: 19.137 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 1415

Ion	Ratio	Lower	Upper
212	100		
106	13.2	11.8	17.6
104	6.8	7.3	10.9#

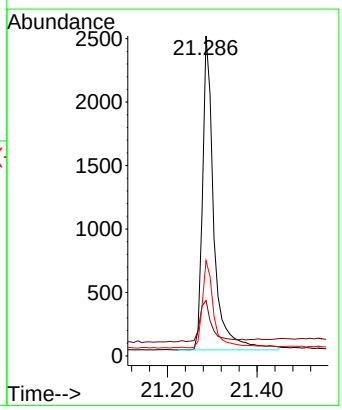


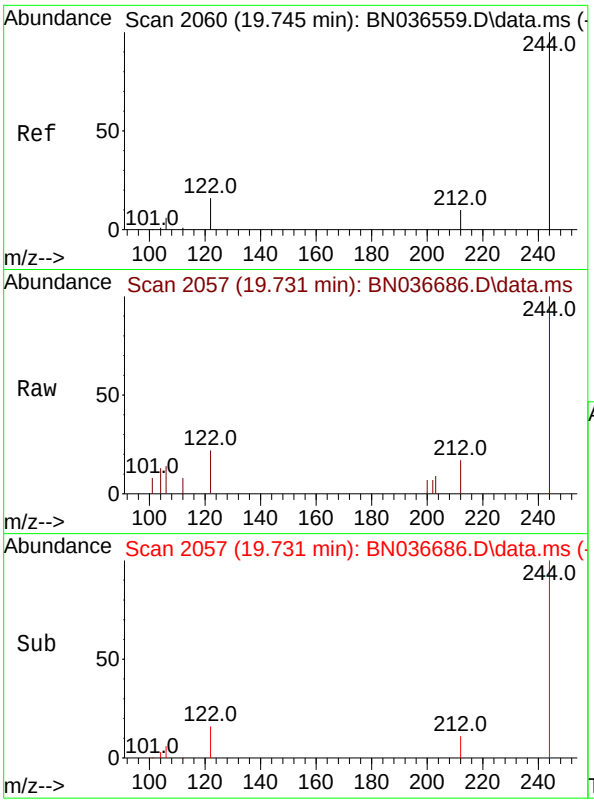


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.009 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion:240 Resp: 4364

Ion	Ratio	Lower	Upper
240	100		
120	17.3	14.6	22.0
236	29.8	24.1	36.1



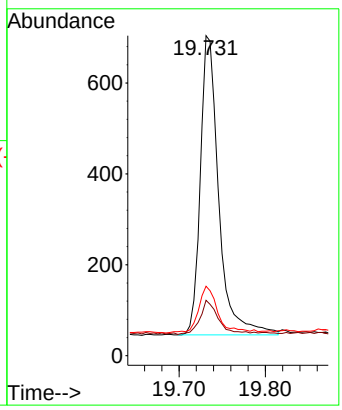


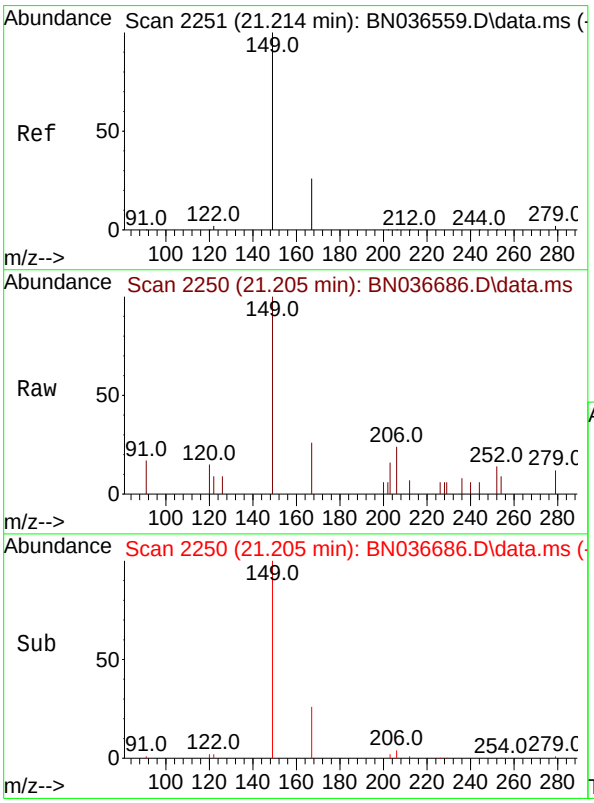
#31
Terphenyl-d14
Concen: 0.093 ng
RT: 19.731 min Scan# 2(
Delta R.T. -0.014 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 976

Ion	Ratio	Lower	Upper
244	100		
212	17.3	9.6	14.4#
122	21.7	13.9	20.9#

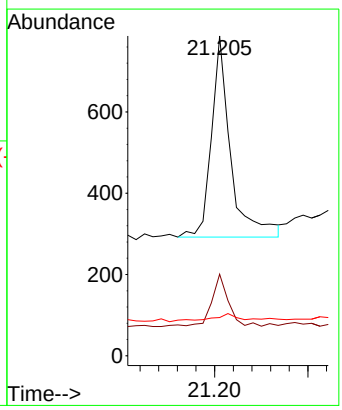


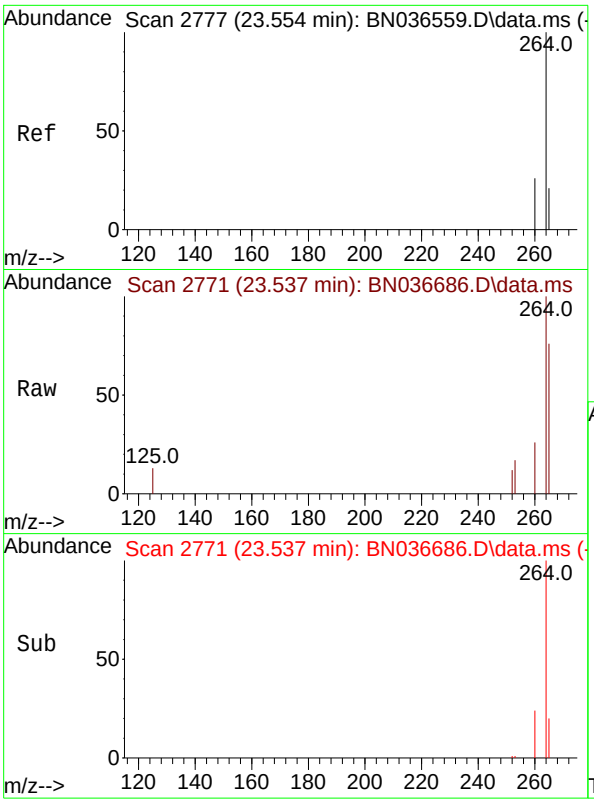


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Tgt Ion:149 Resp: 709

Ion	Ratio	Lower	Upper
149	100		
167	22.0	20.7	31.1
279	6.5	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.537 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN036686.D
Acq: 18 Mar 2025 11:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 3806

Ion	Ratio	Lower	Upper
264	100		
260	25.9	22.6	33.8
265	76.2	88.1	132.1#