Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
Data File : BN036578.D
Acq On : 11 Mar 2025 12:33
Operator : RC/JU
Sample : Q1531-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Quant Time: Mar 11 12:56:03 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	7.724	152	2056	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4839	0.400	ng		0.00
13) Acenaphthene-d10	14.366	164	2887	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	5689	0.400	ng		0.00
29) Chrysene-d12	21.295	240	3805	0.400	ng		0.00
35) Perylene-d12	23.554	264	2891	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	791	0.165	ng		0.00
5) Phenol-d6	6.901	99	552	0.093	ng		0.00
8) Nitrobenzene-d5	8.875	82	1568	0.298	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2236	0.311	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	514	0.392	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	6510	0.388	ng		0.00
27) Fluoranthene-d10	19.141	212	6442	0.442	ng		0.00
31) Terphenyl-d14	19.740	244	9369	1.028	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	14330	6.283	ng		98
20) 4,6-Dinitro-2-methylph...	15.510	198	1	0.146	ng	#	1
34) Bis(2-ethylhexyl)phtha...	21.214	149	574	0.061	ng	#	93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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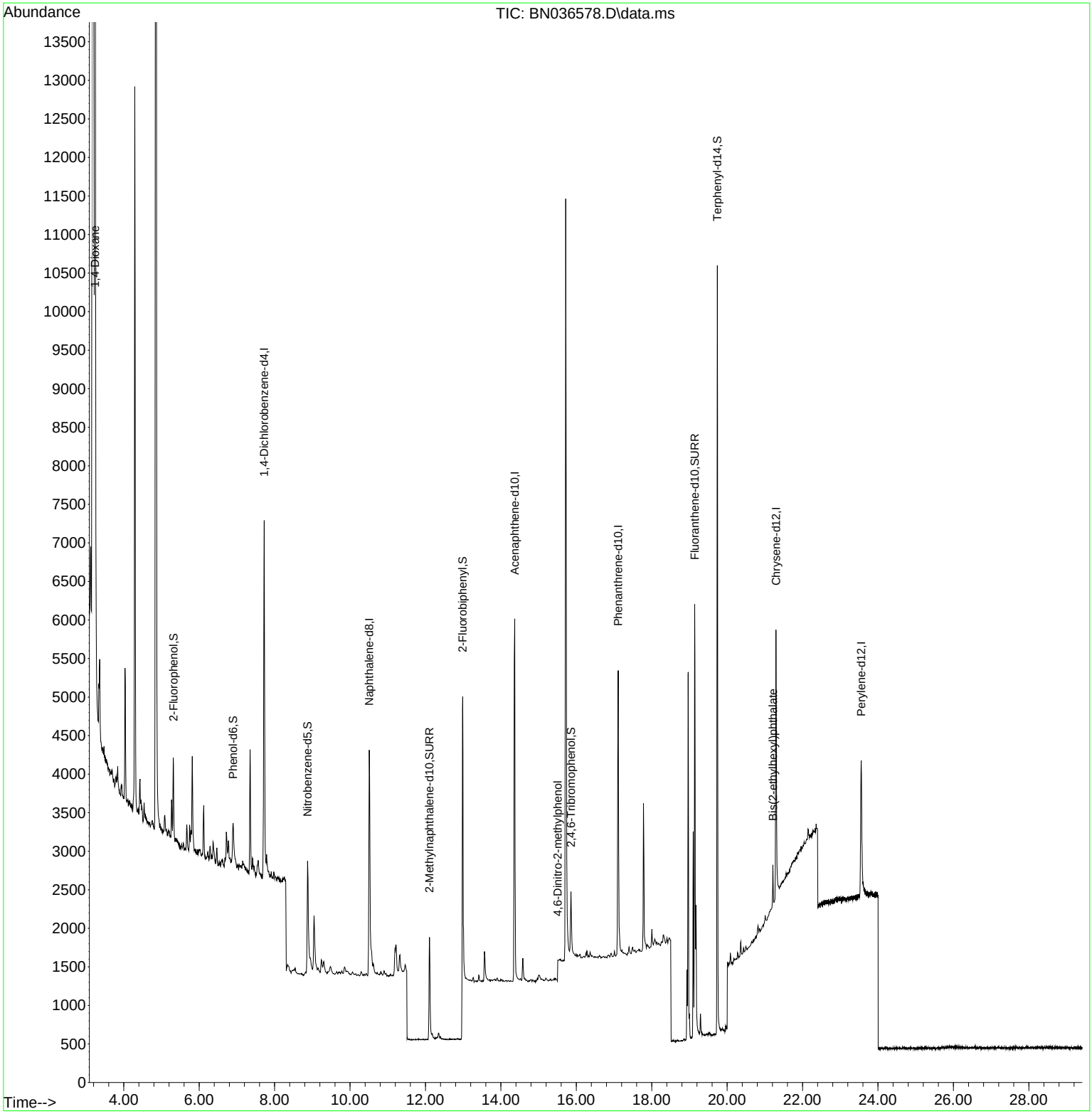
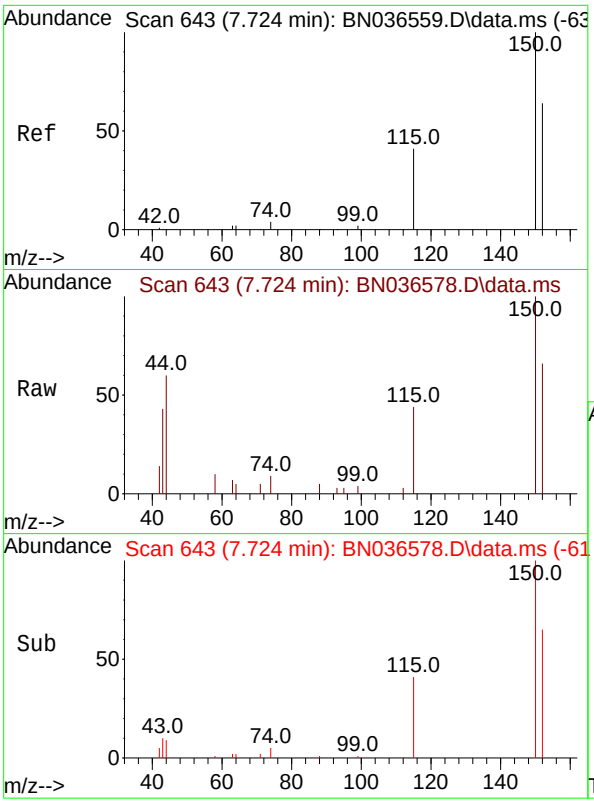


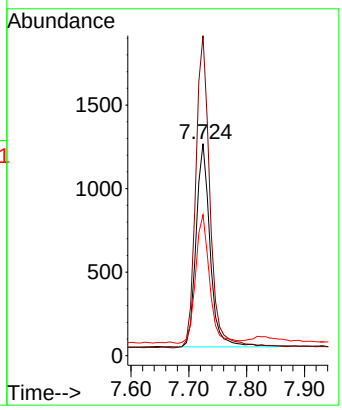


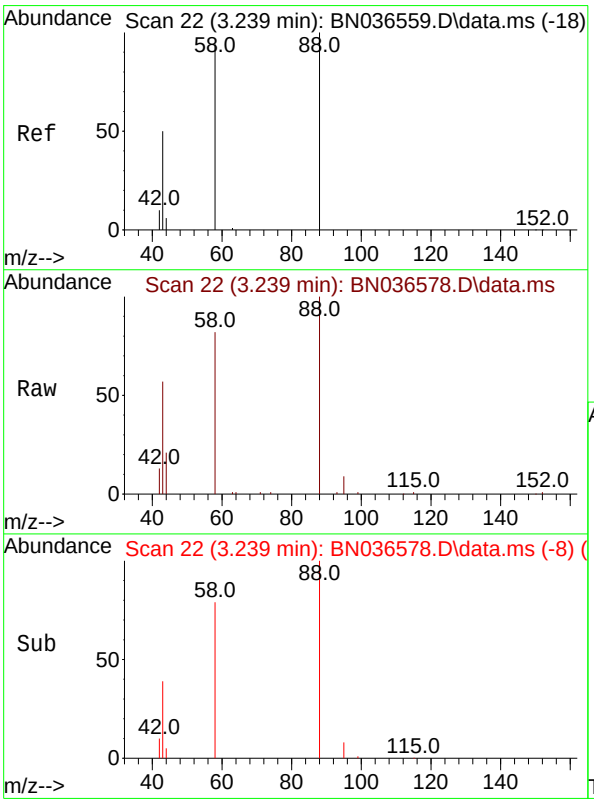
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:152 Resp: 2056

Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.7	185.5
115	66.5	54.3	81.5

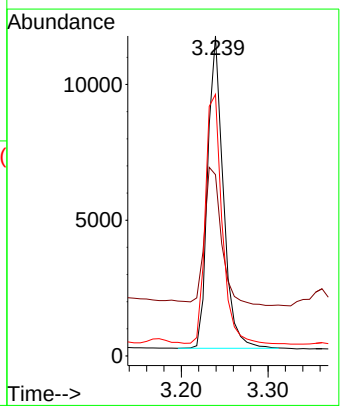


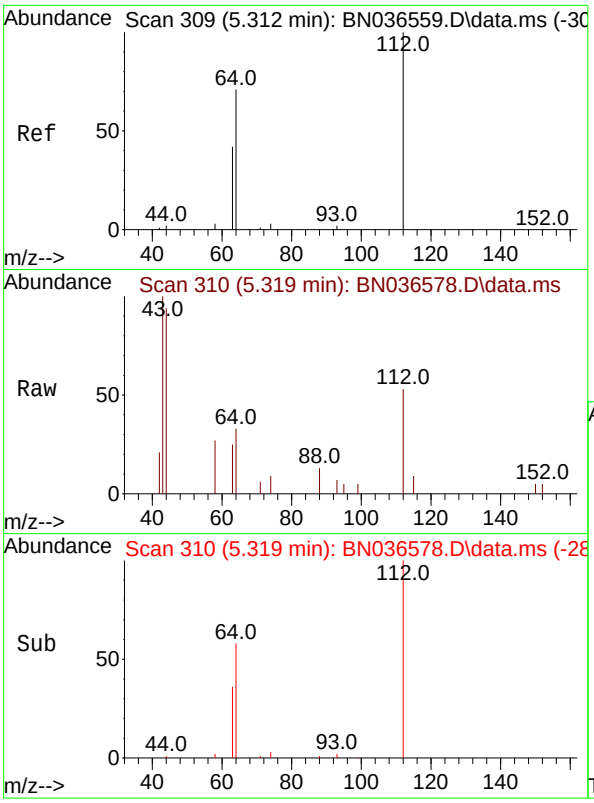


#2
1,4-Dioxane
Concen: 6.283 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion: 88 Resp: 14330

Ion	Ratio	Lower	Upper
88	100		
43	48.3	37.8	56.8
58	86.0	67.4	101.2



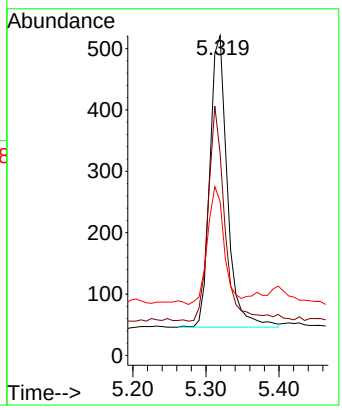


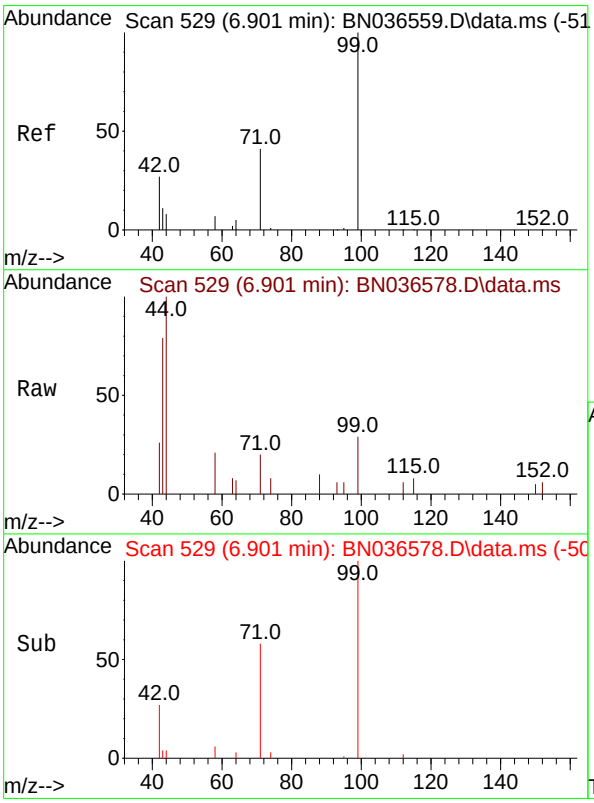
#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.319 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:112 Resp: 791

Ion	Ratio	Lower	Upper
112	100		
64	70.3	53.1	79.7
63	38.4	31.8	47.8

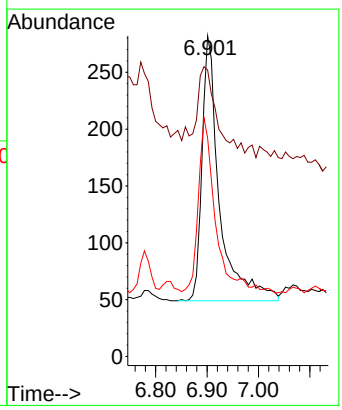


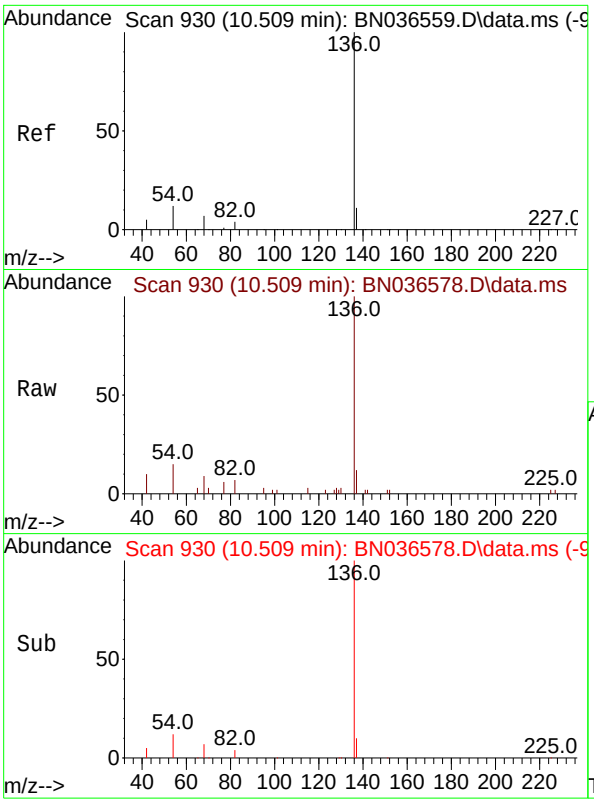


#5
Phenol-d6
Concen: 0.093 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion: 99 Resp: 552

Ion	Ratio	Lower	Upper
99	100		
42	40.6	26.5	39.7#
71	64.7	34.1	51.1#



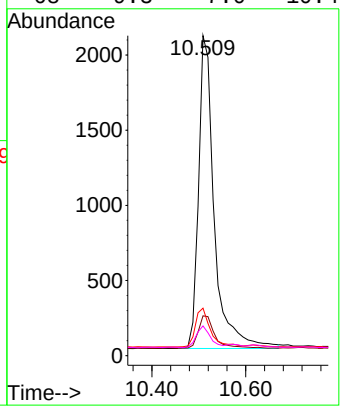


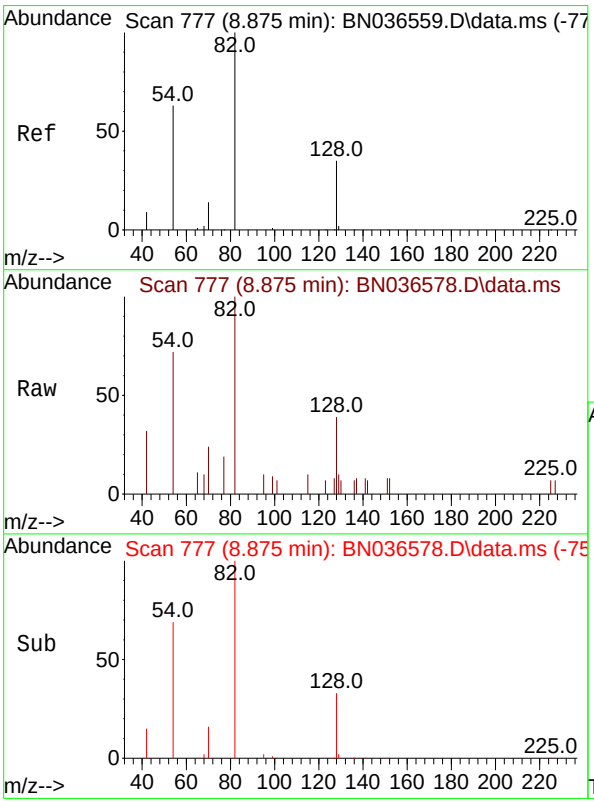
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:136 Resp: 4839

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.3	15.5
54	14.8	11.5	17.3
68	9.3	7.0	10.4

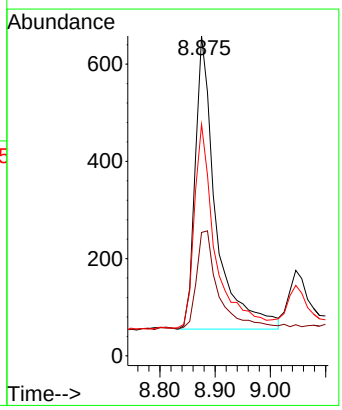


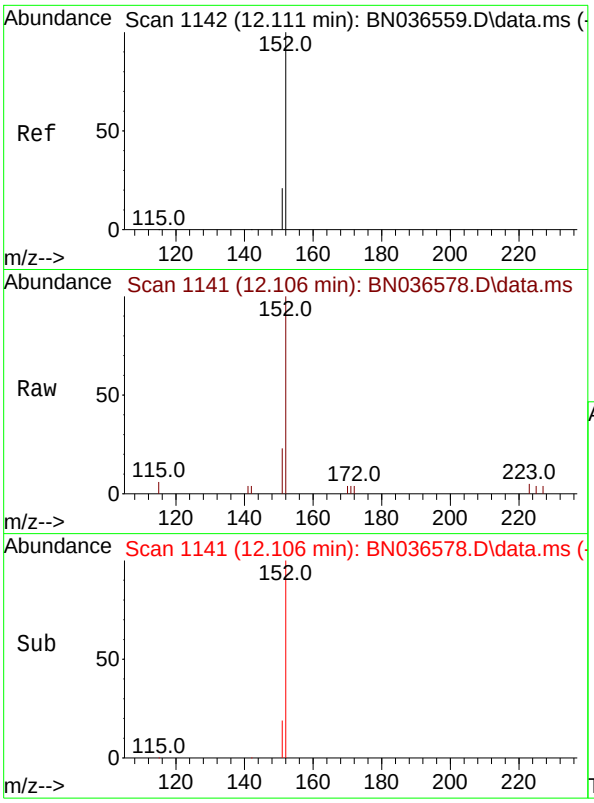


#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion: 82 Resp: 1568

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.6	45.8
54	72.3	52.2	78.4



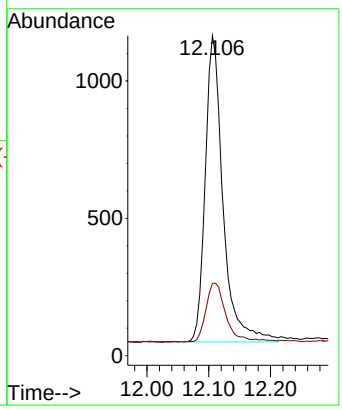


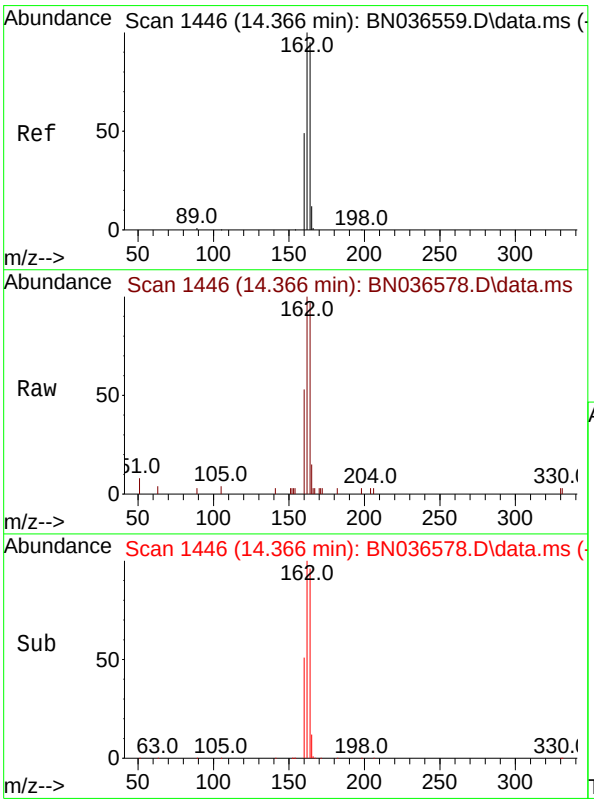
#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.106 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:152 Resp: 2236

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.0	25.6

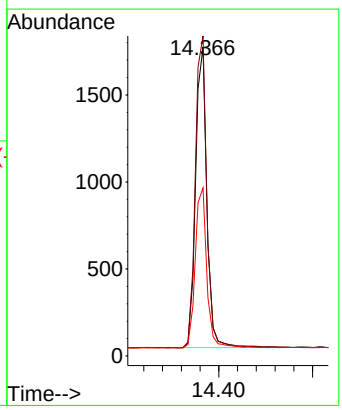


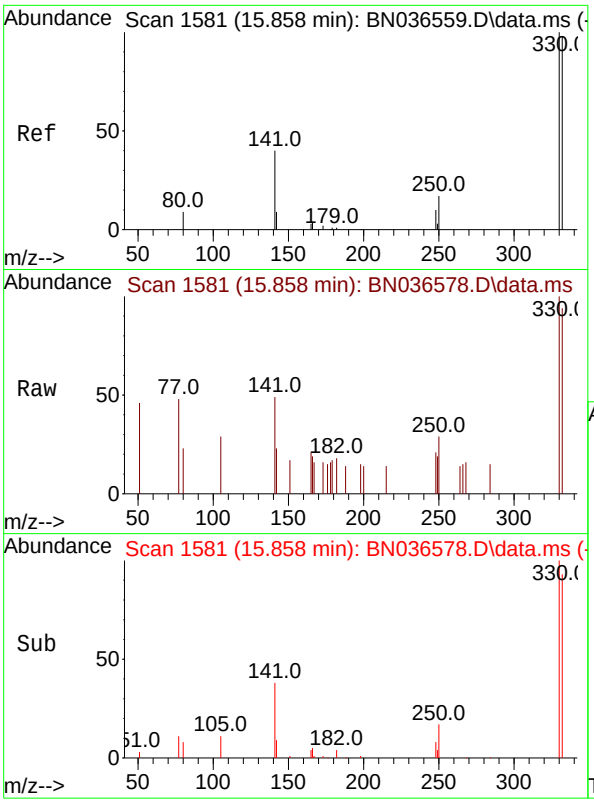


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion:164 Resp: 2887

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.2	126.2
160	54.4	42.2	63.2



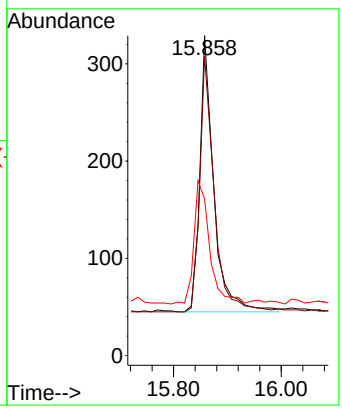


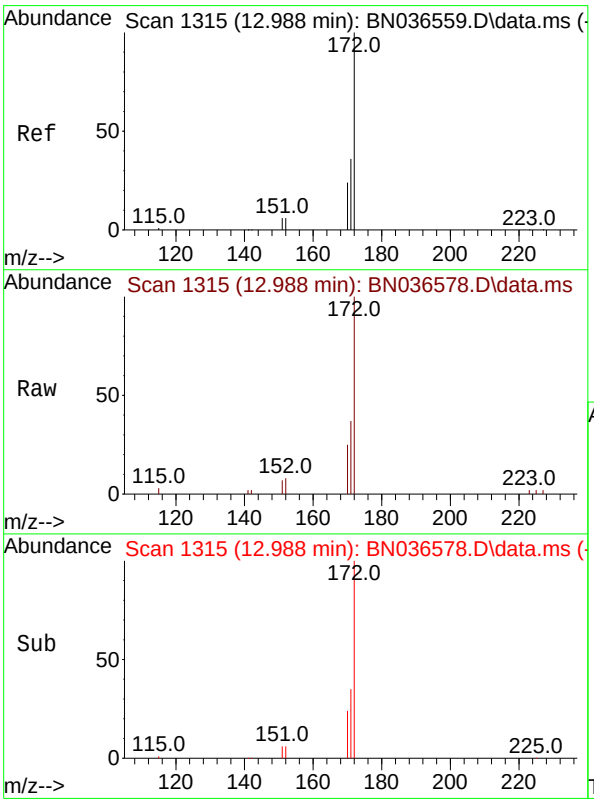
#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:330 Resp: 514

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.2	112.8
141	50.8	43.4	65.2

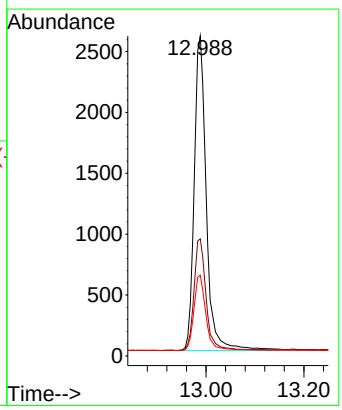


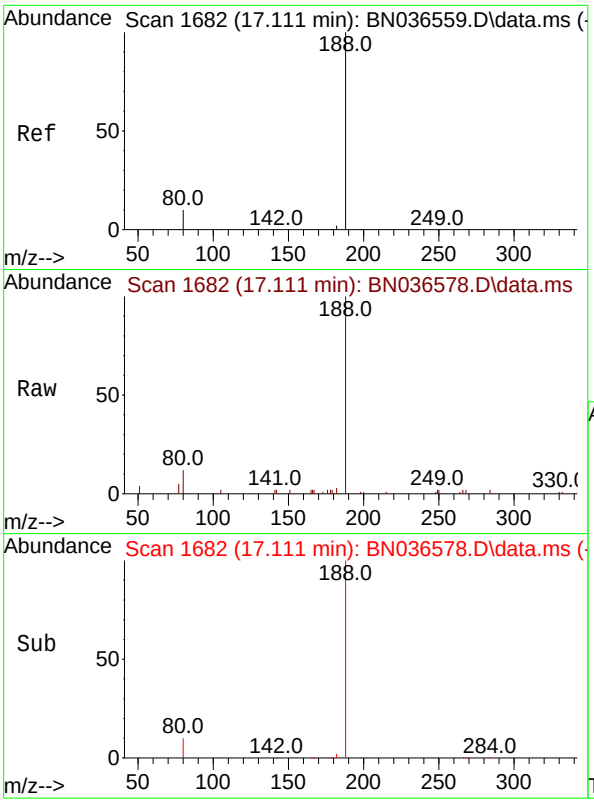


#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion:172 Resp: 6510

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	25.2	20.2	30.4



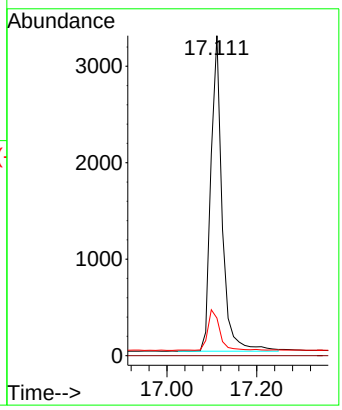


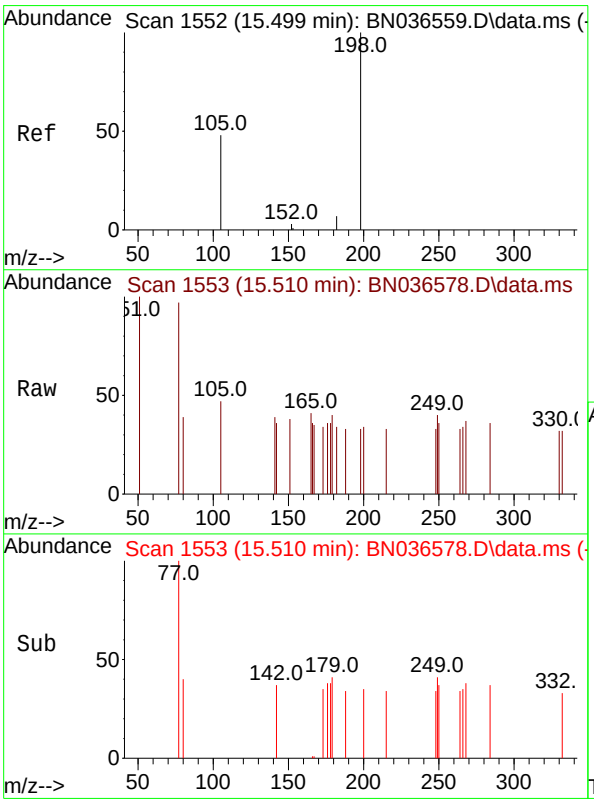
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:188 Resp: 5689

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	8.8	13.2

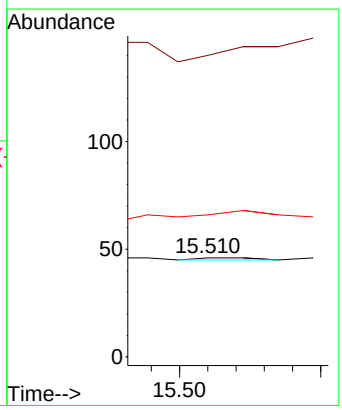


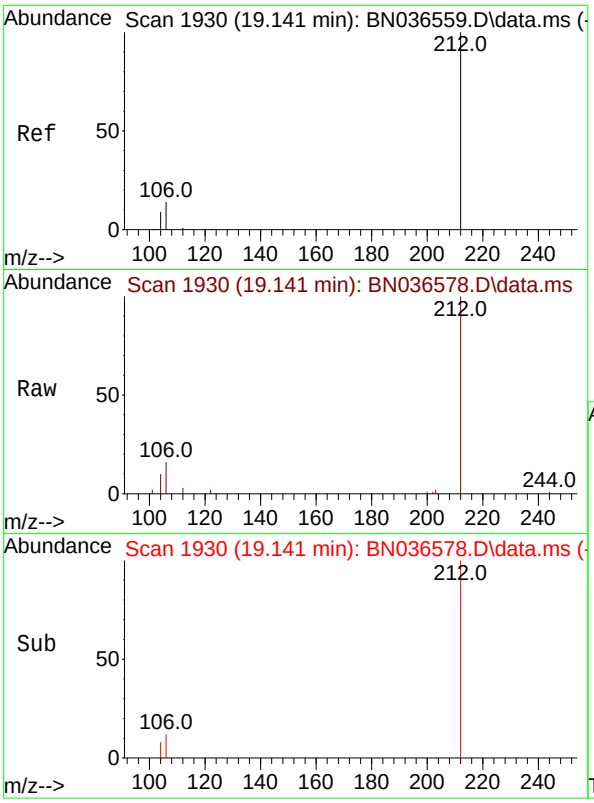


#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.510 min Scan# 1553
Delta R.T. 0.011 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	304.3	107.9	161.9#
105	143.5	56.2	84.2#



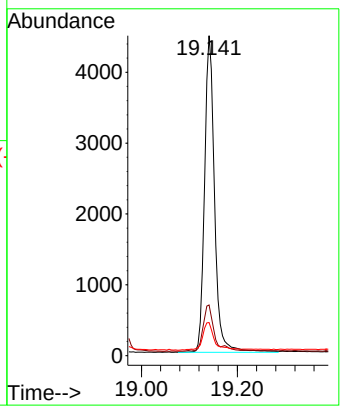


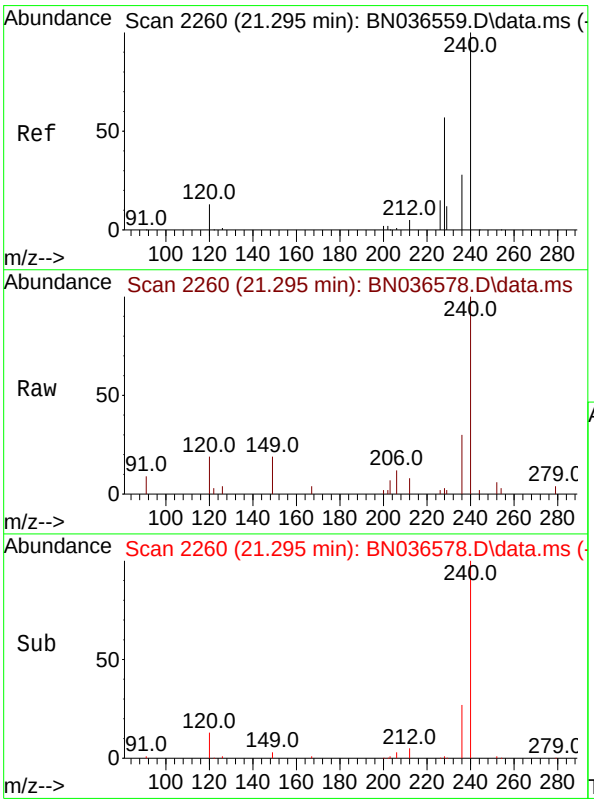
#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.141 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:212 Resp: 6442

Ion	Ratio	Lower	Upper
212	100		
106	16.3	11.8	17.6
104	10.3	7.3	10.9

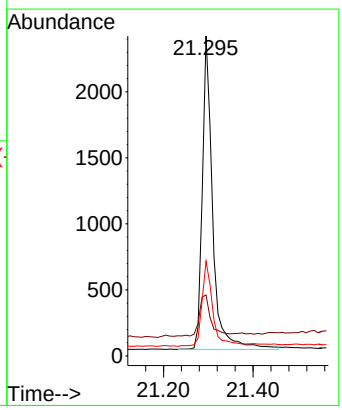


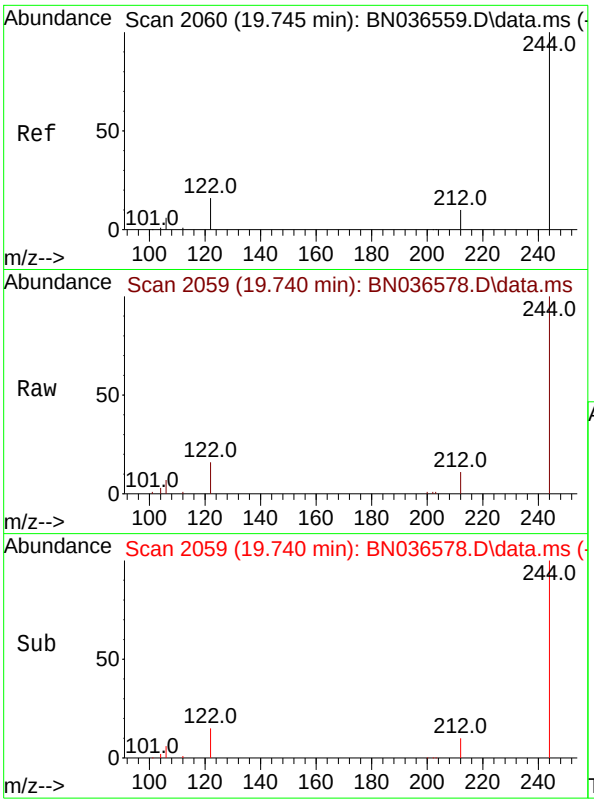


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion:240 Resp: 3805

Ion	Ratio	Lower	Upper
240	100		
120	19.0	14.6	22.0
236	29.6	24.1	36.1



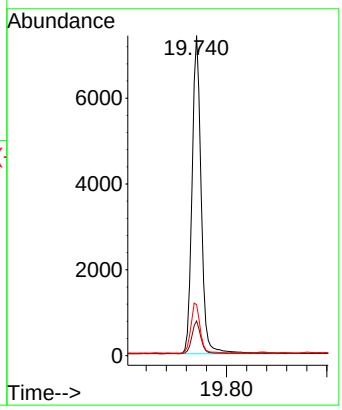


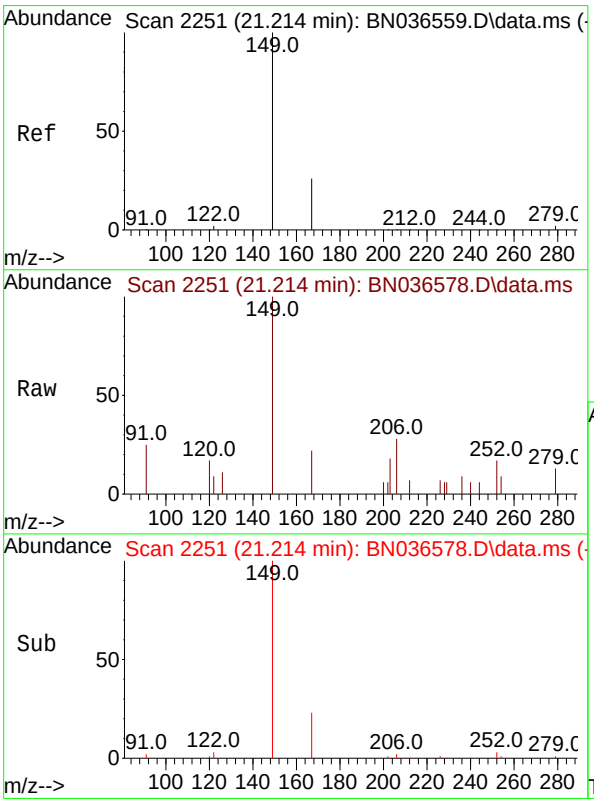
#31
Terphenyl-d14
Concen: 1.028 ng
RT: 19.740 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:244 Resp: 9369

Ion	Ratio	Lower	Upper
244	100		
212	10.9	9.6	14.4
122	16.0	13.9	20.9

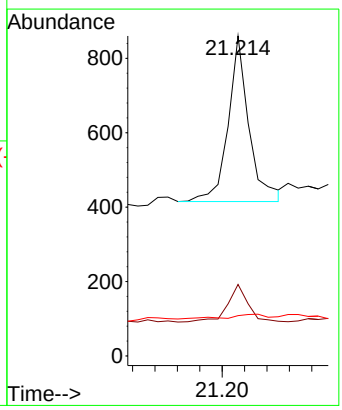


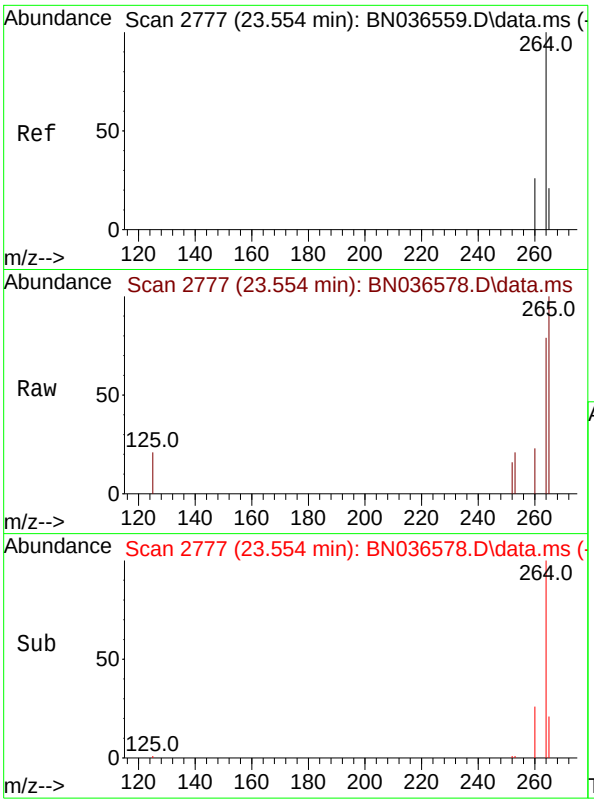


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.061 ng
RT: 21.214 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion:149 Resp: 574

Ion	Ratio	Lower	Upper
149	100		
167	22.3	20.7	31.1
279	3.0	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:264 Resp: 2891

Ion	Ratio	Lower	Upper
264	100		
260	28.9	22.6	33.8
265	126.7	88.1	132.1