Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036832.D
Acq On : 03 Apr 2025 20:51
Operator : RC/JU
Sample : Q1711-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Quant Time: Apr 04 00:57:26 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	7.695	152	2125	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5120	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	3000	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6320	0.400	ng	-0.02
29) Chrysene-d12	21.268	240	5671	0.400	ng	-0.03
35) Perylene-d12	23.513	264	5195	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1323	0.267	ng	-0.02
5) Phenol-d6	6.872	99	1025	0.168	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1765	0.317	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	2562	0.336	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	549	0.403	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	6454	0.370	ng	-0.03
27) Fluoranthene-d10	19.113	212	7078	0.437	ng	-0.03
31) Terphenyl-d14	19.717	244	5537	0.408	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	270	0.115	ng	# 7
3) n-Nitrosodimethylamine	3.521	42	546	0.114	ng	# 11
34) Bis(2-ethylhexyl)phtha...	21.187	149	921	0.066	ng	96

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

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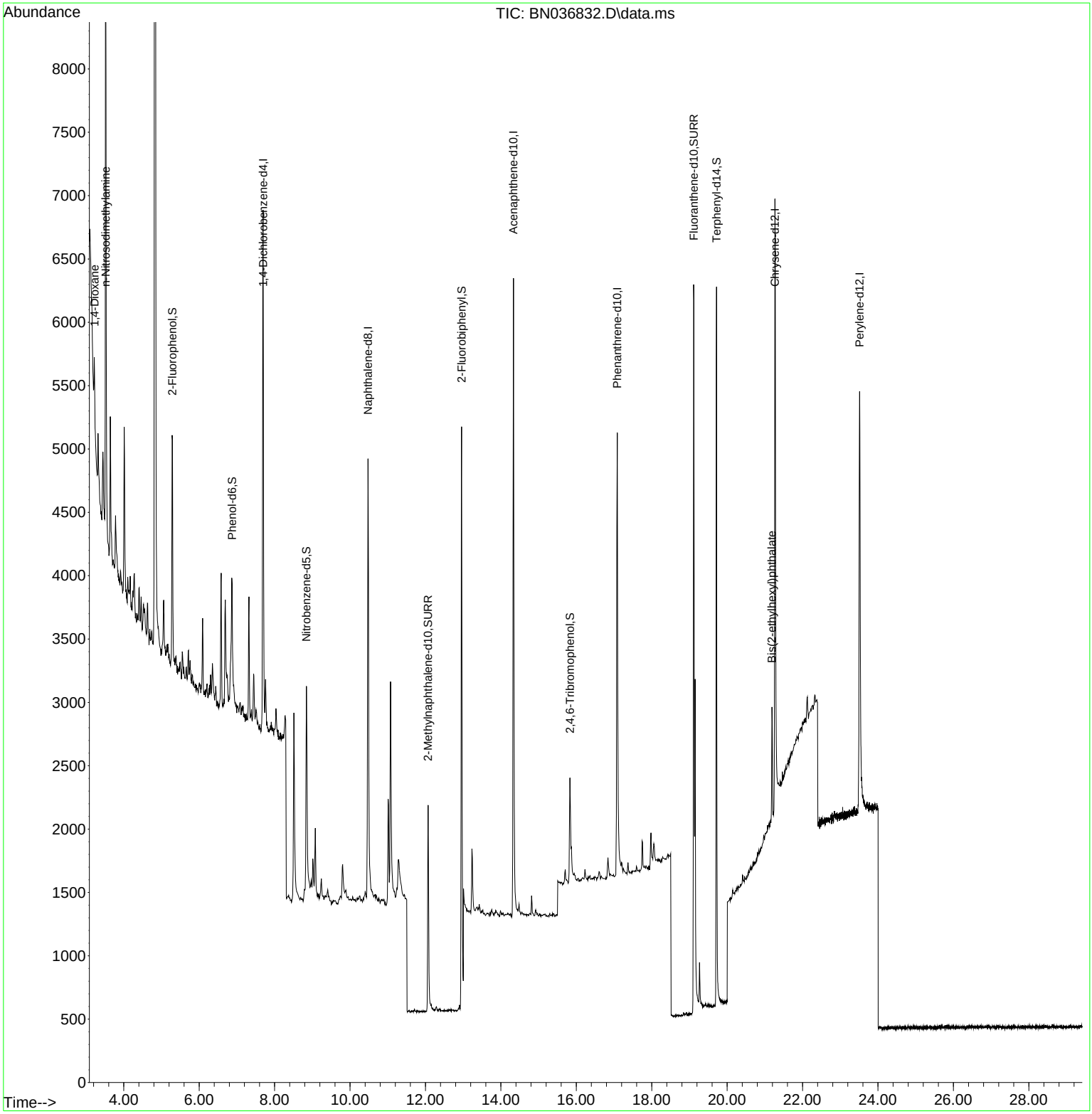
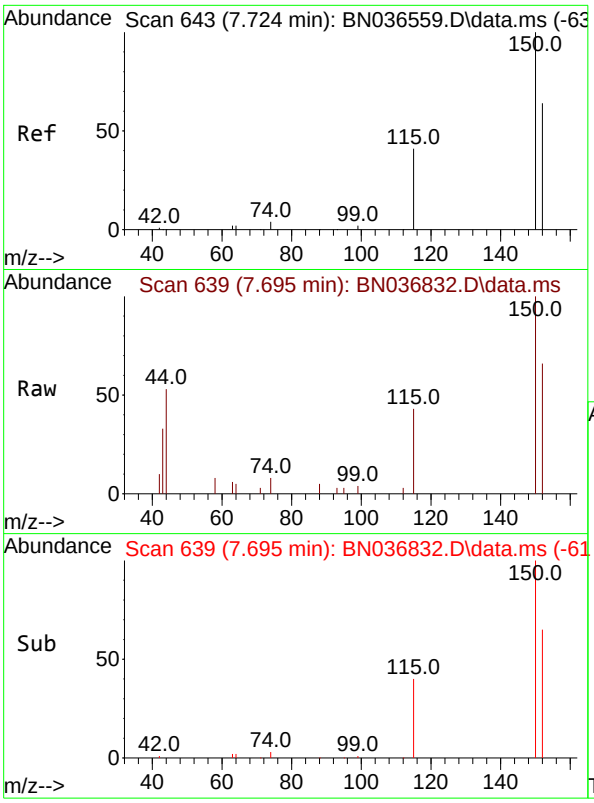


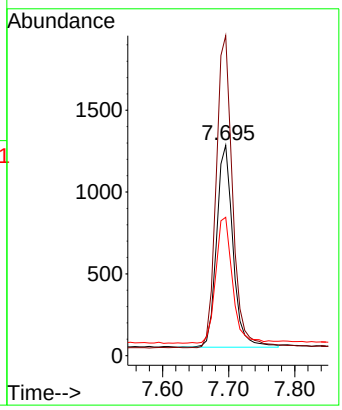


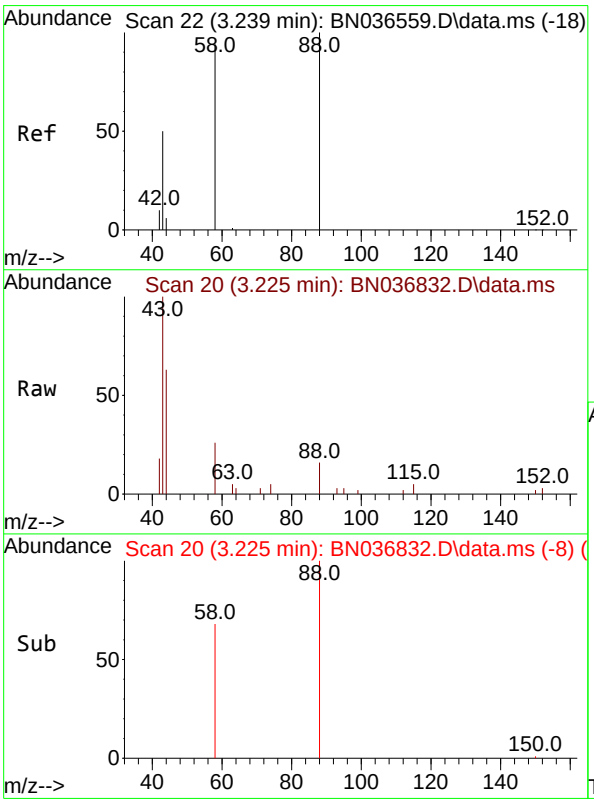
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 6
Delta R.T. -0.029 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion:152 Resp: 2125

Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.7	185.5
115	65.8	54.3	81.5

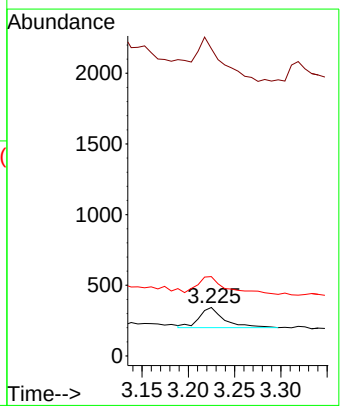


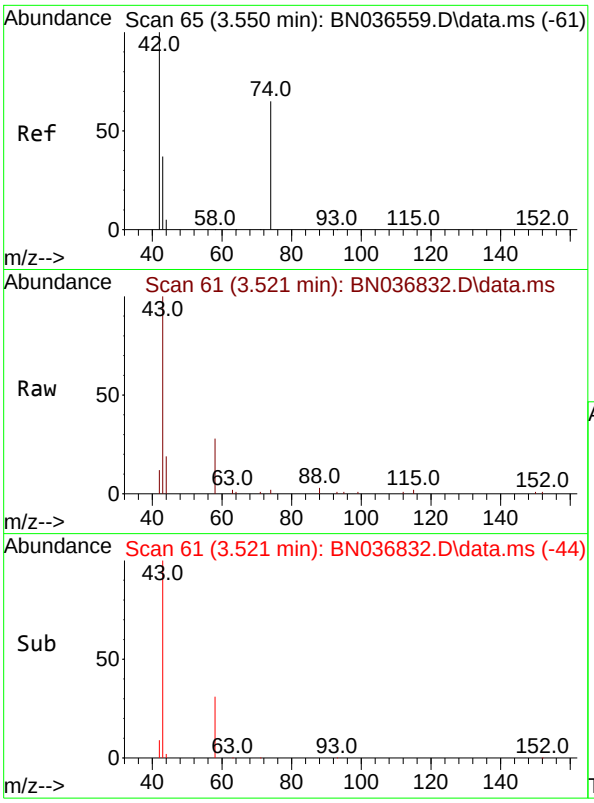


#2
1,4-Dioxane
Concen: 0.115 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion: 88 Resp: 270

Ion	Ratio	Lower	Upper
88	100		
43	200.4	37.8	56.8#
58	99.6	67.4	101.2



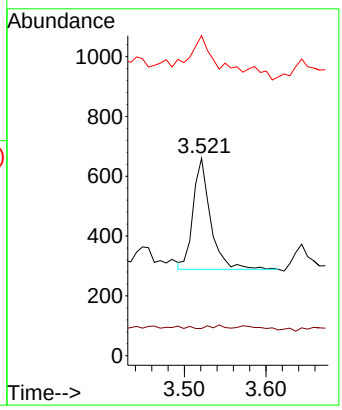


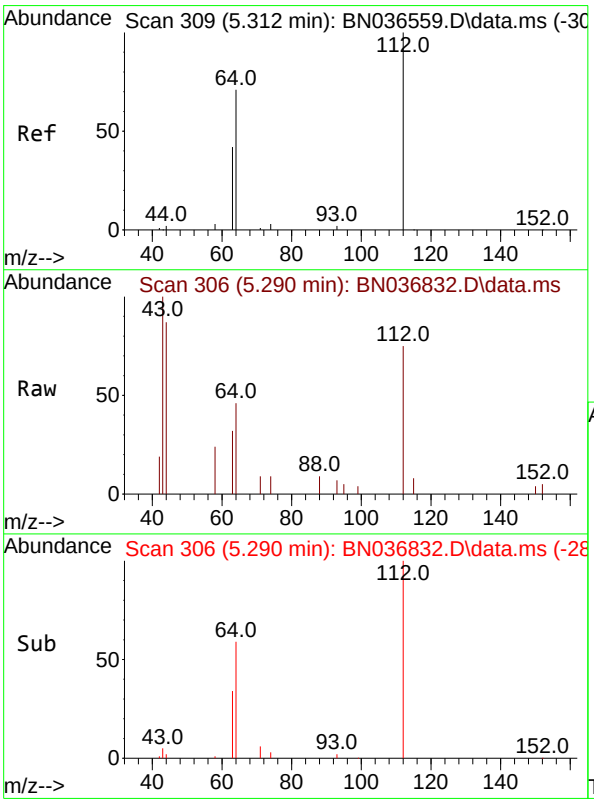
#3
n-Nitrosodimethylamine
Concen: 0.114 ng
RT: 3.521 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion: 42 Resp: 546

Ion	Ratio	Lower	Upper
42	100		
74	0.0	60.6	90.8#
44	41.2	6.3	9.5#

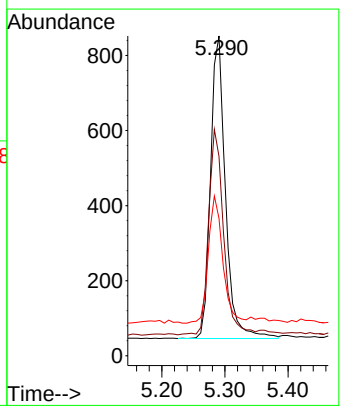


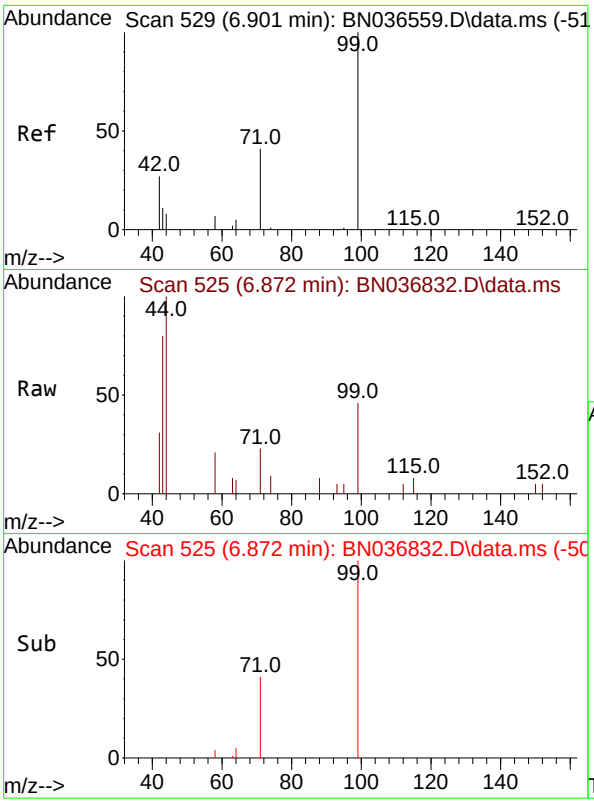


#4
2-Fluorophenol
Concen: 0.267 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:112 Resp: 1323

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.1	79.7
63	40.7	31.8	47.8



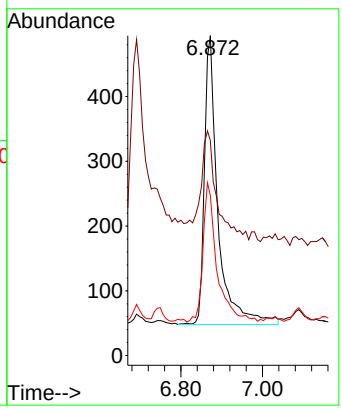


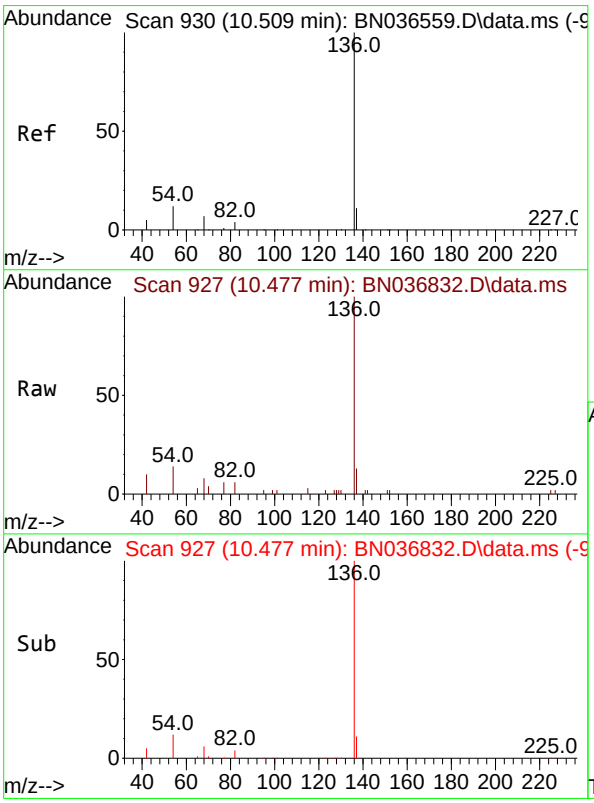
#5
Phenol-d6
Concen: 0.168 ng
RT: 6.872 min Scan# 5
Delta R.T. -0.029 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion: 99 Resp: 1025

Ion	Ratio	Lower	Upper
99	100		
42	43.0	26.5	39.7#
71	49.7	34.1	51.1

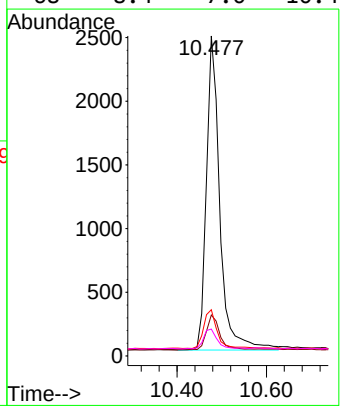


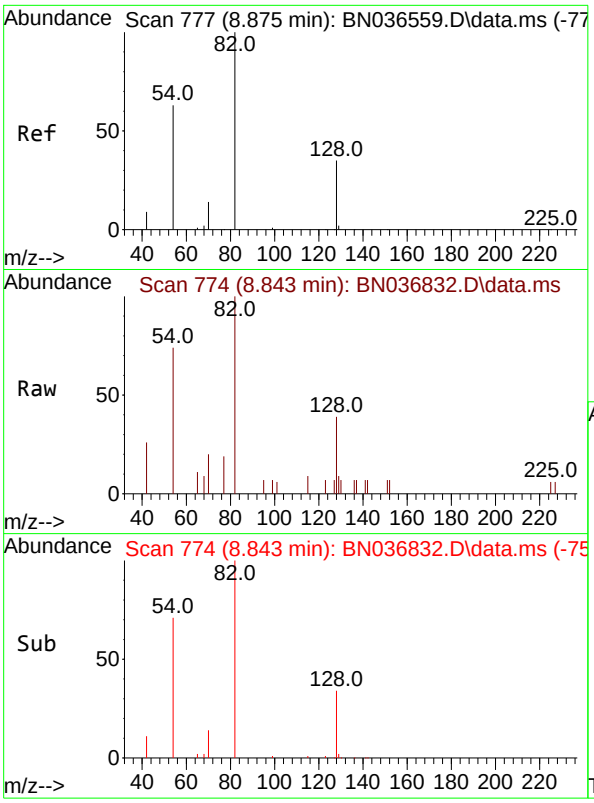


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. -0.032 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:136 Resp: 5120

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.3	15.5
54	14.5	11.5	17.3
68	8.4	7.0	10.4



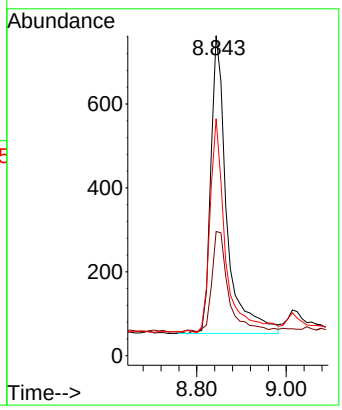


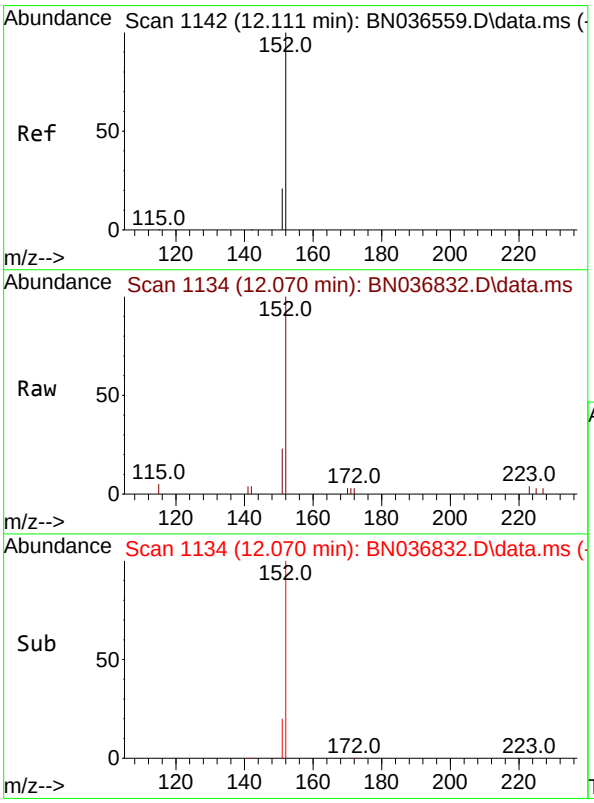
#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.843 min Scan# 7
Delta R.T. -0.032 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion: 82 Resp: 1765

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.6	45.8
54	74.0	52.2	78.4

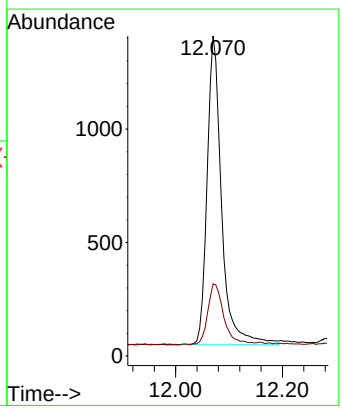


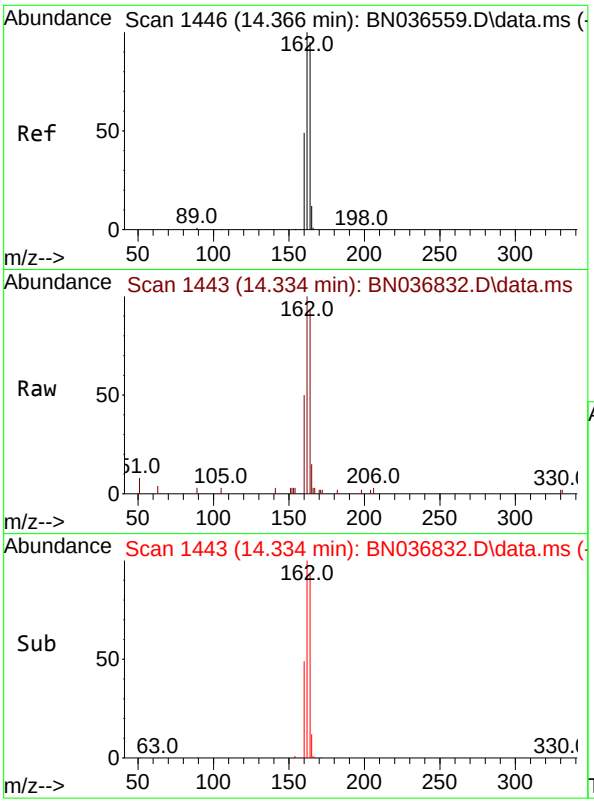


#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.070 min Scan# 1134
Delta R.T. -0.041 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:152 Resp: 2562

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.0	25.6



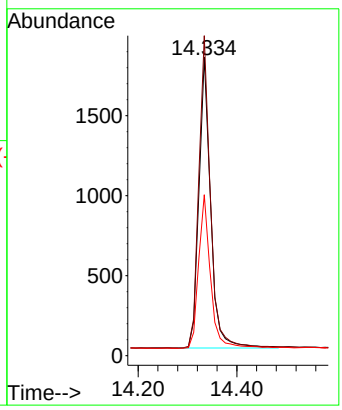


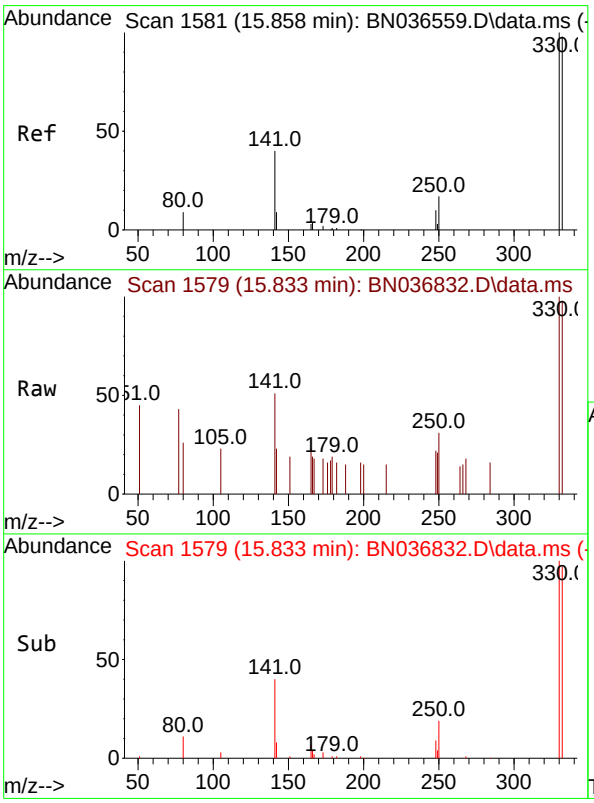
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion:164 Resp: 3000

Ion	Ratio	Lower	Upper
164	100		
162	107.2	84.2	126.2
160	53.9	42.2	63.2

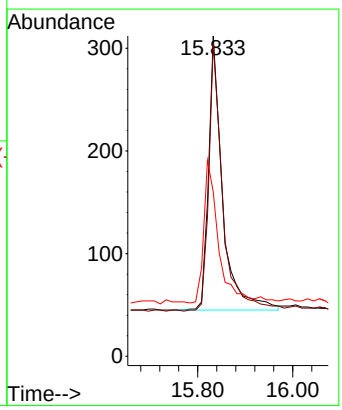


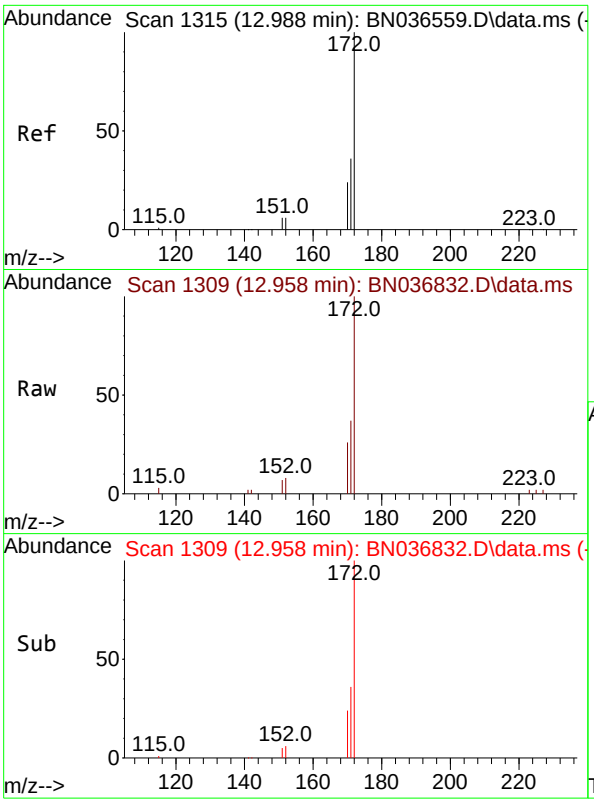


#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:330 Resp: 549

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.2	112.8
141	55.6	43.4	65.2



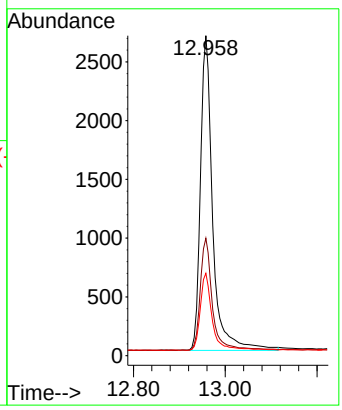


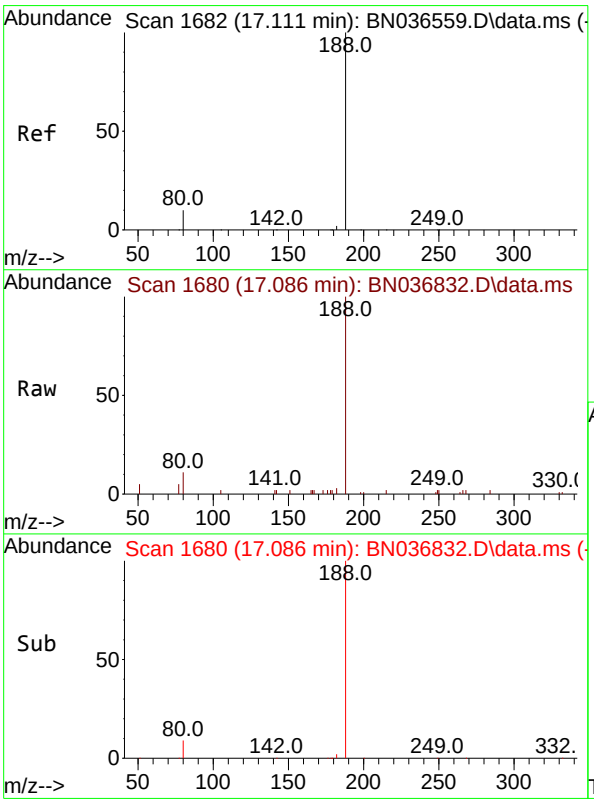
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.958 min Scan# 1
Delta R.T. -0.030 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion:172 Resp: 6454

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	25.7	20.2	30.4

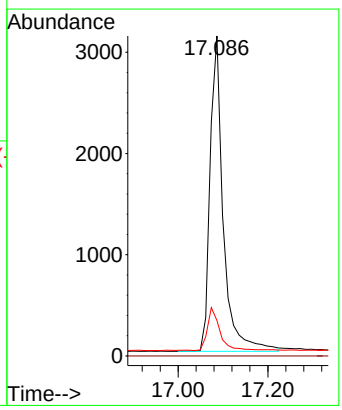


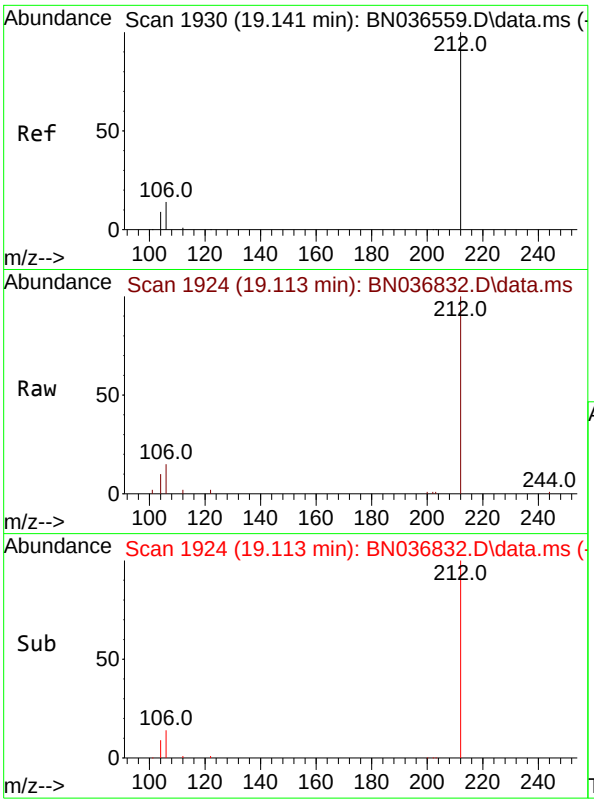


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:188 Resp: 6320

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



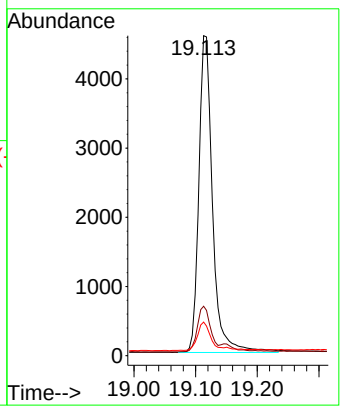


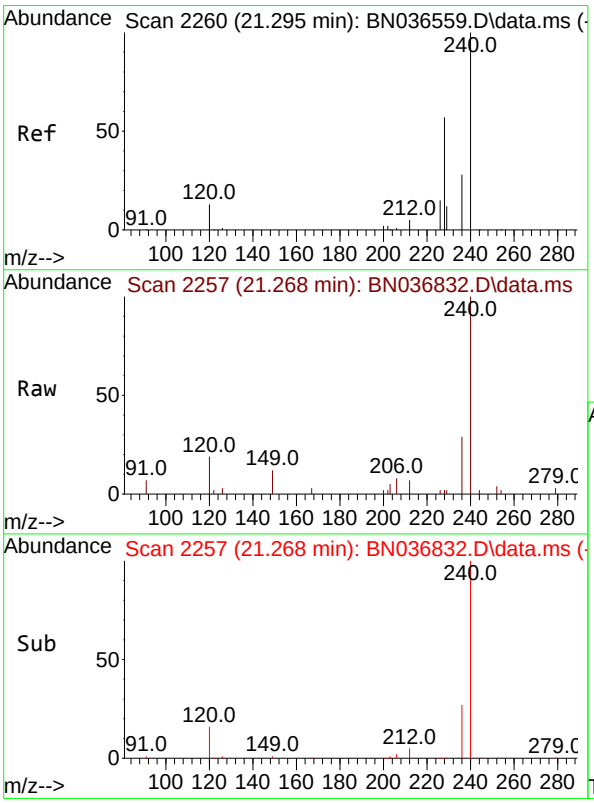
#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.113 min Scan# 1
Delta R.T. -0.028 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion:212 Resp: 7078

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.8	17.6
104	9.5	7.3	10.9

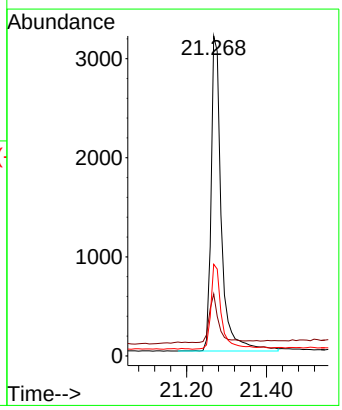


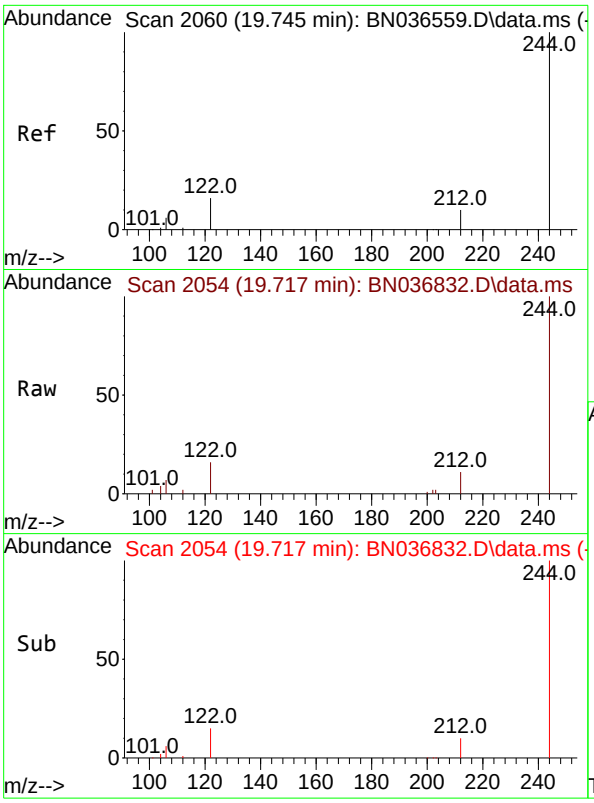


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.027 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:240 Resp: 5671

Ion	Ratio	Lower	Upper
240	100		
120	19.4	14.6	22.0
236	28.6	24.1	36.1



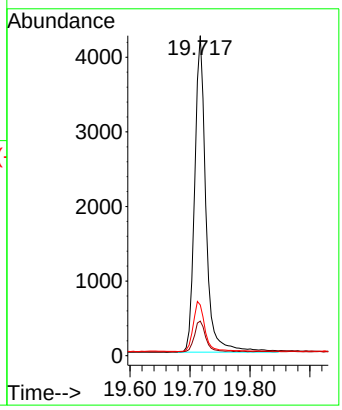


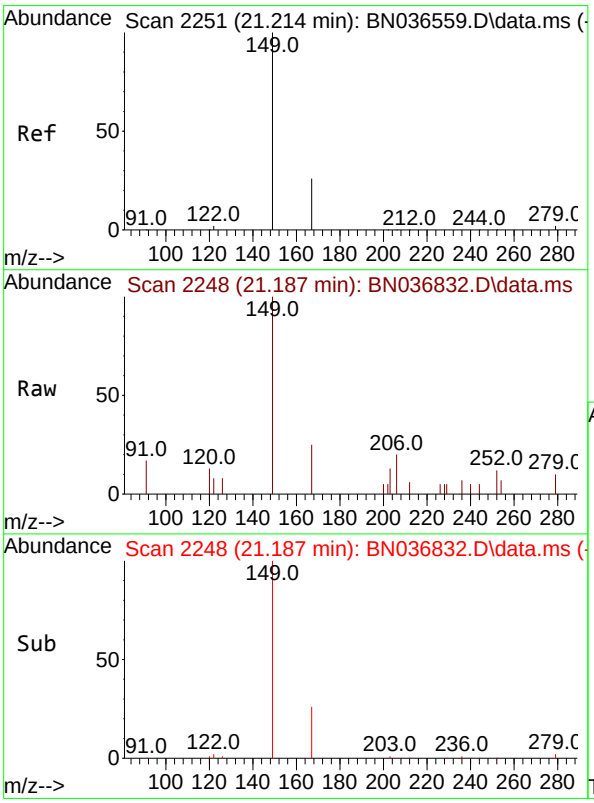
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.717 min Scan# 2
Delta R.T. -0.028 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion:244 Resp: 5537

Ion	Ratio	Lower	Upper
244	100		
212	10.8	9.6	14.4
122	15.9	13.9	20.9

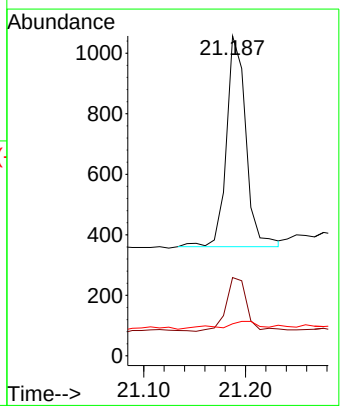


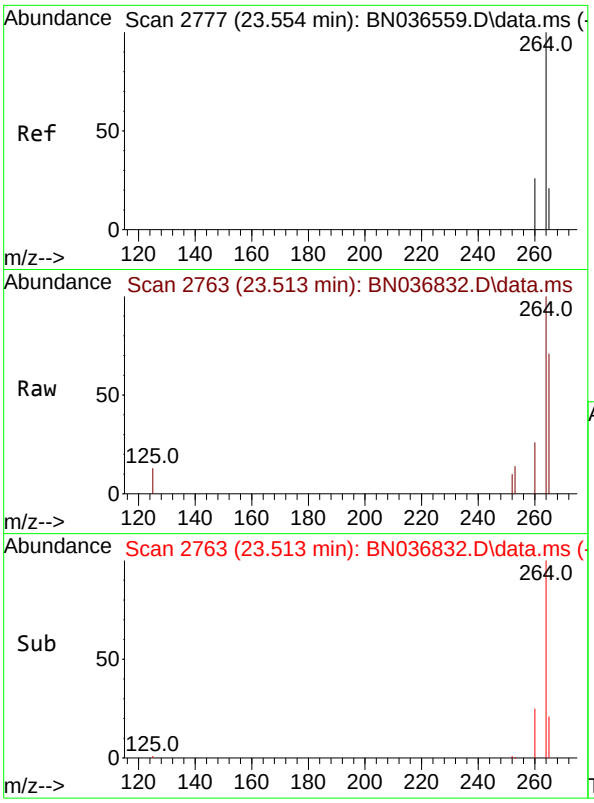


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.187 min Scan# 2248
Delta R.T. -0.027 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:149 Resp: 921

Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.7	31.1
279	3.7	3.6	5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 2
Delta R.T. -0.041 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion:264 Resp: 5195

Ion	Ratio	Lower	Upper
264	100		
260	26.1	22.6	33.8
265	70.8	88.1	132.1#