Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037060.D
Acq On : 20 May 2025 00:42
Operator : RC/JU
Sample : Q2063-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Quant Time: May 20 01:15:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.611	152	1583	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	4279	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	2489	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	5045	0.400	ng	#	0.00
29) Chrysene-d12	21.197	240	4113	0.400	ng		0.00
35) Perylene-d12	23.404	264	3609	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	513	0.124	ng		0.00
5) Phenol-d6	6.795	99	342	0.066	ng		0.00
8) Nitrobenzene-d5	8.760	82	1445	0.310	ng		-0.01
11) 2-Methylnaphthalene-d10	11.991	152	1873	0.311	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	395	0.361	ng		-0.01
15) 2-Fluorobiphenyl	12.883	172	3366	0.295	ng		0.00
27) Fluoranthene-d10	19.045	212	5248	0.379	ng		0.00
31) Terphenyl-d14	19.649	244	4395	0.500	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.133	88	10840	5.581	ng		96
6) bis(2-Chloroethyl)ether	7.048	93	179	0.037	ng	#	70
34) Bis(2-ethylhexyl)phtha...	21.126	149	1021	0.107	ng	#	95

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

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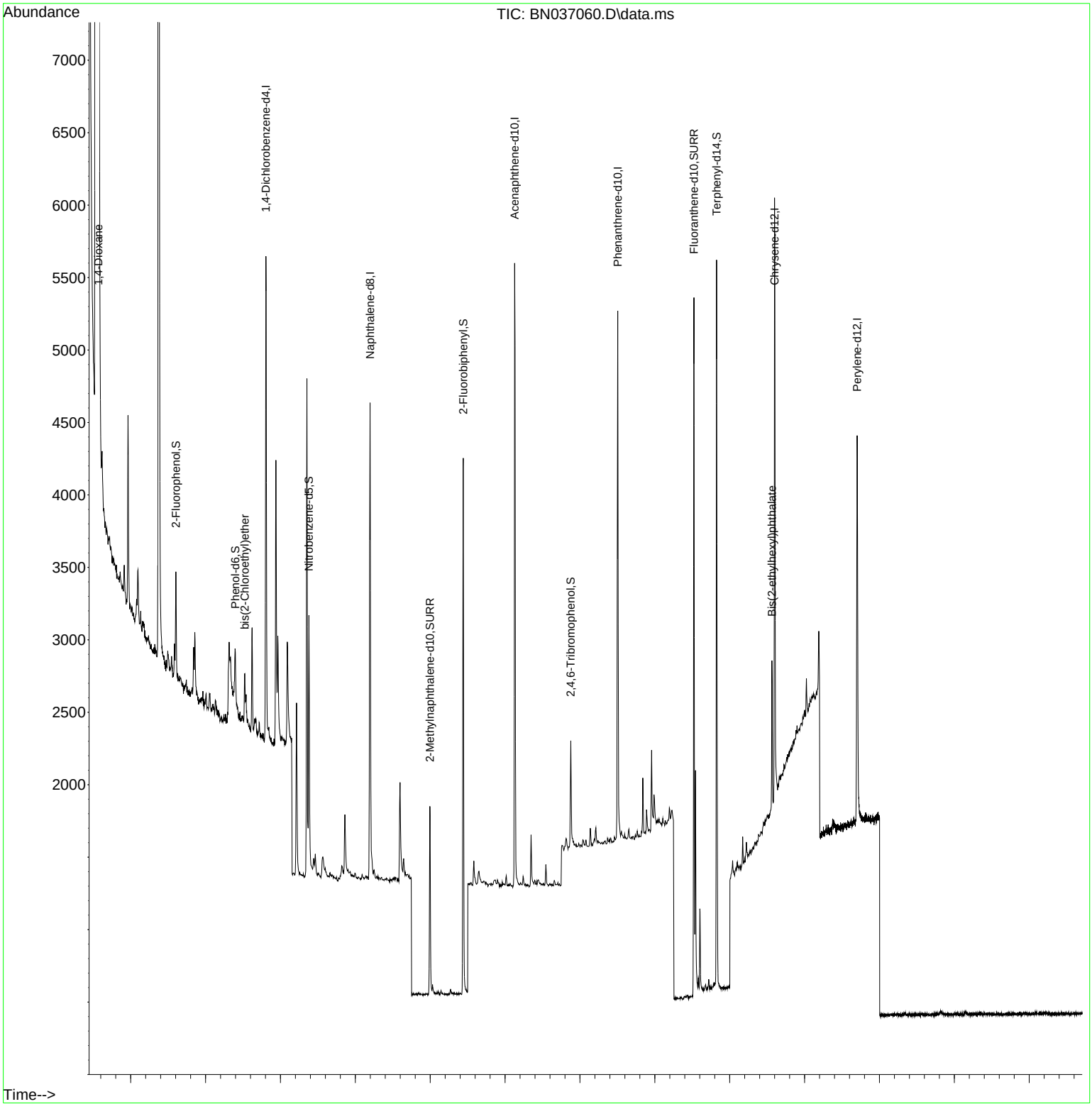
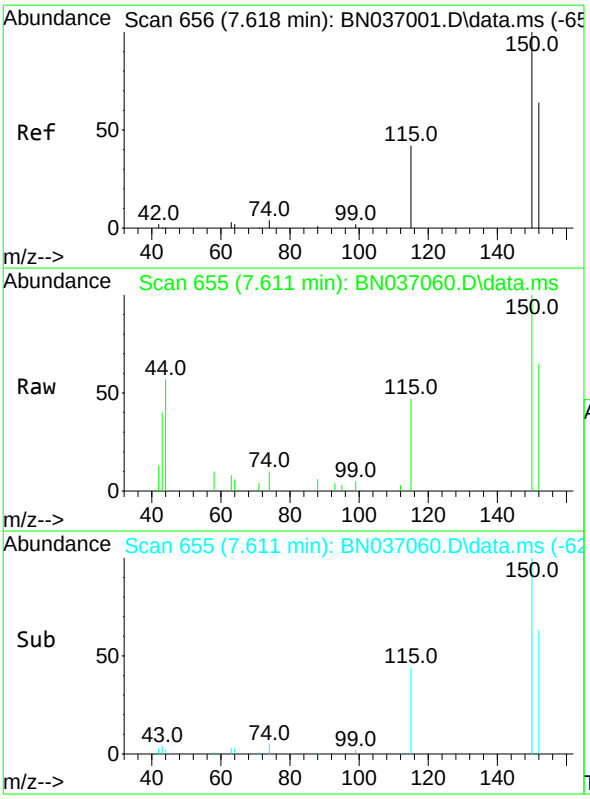


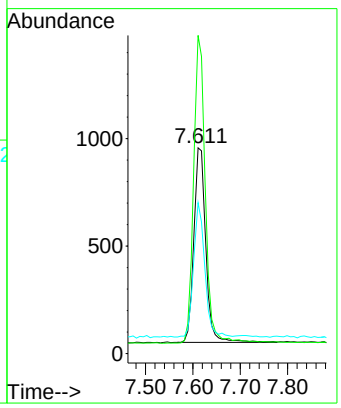


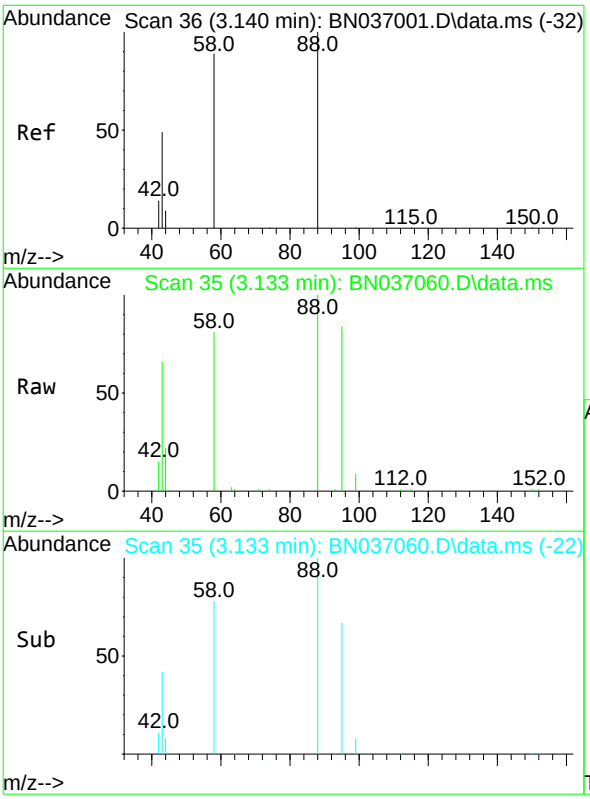
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Tgt Ion:152 Resp: 1583

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.9	185.9
115	73.4	55.8	83.8

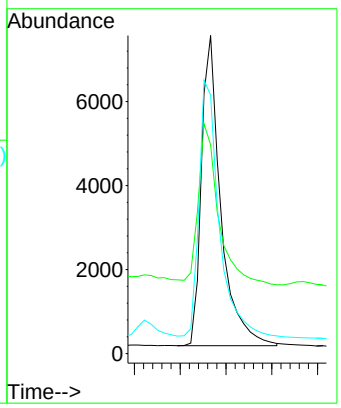


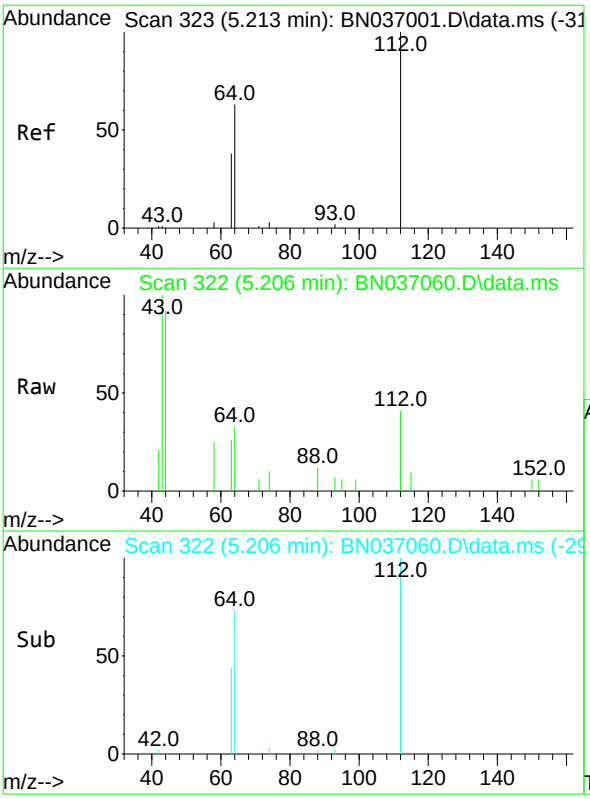


#2
1,4-Dioxane
Concen: 5.581 ng
RT: 3.133 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion: 88 Resp: 10840

Ion	Ratio	Lower	Upper
88	100		
43	53.7	37.4	56.0
58	84.9	68.8	103.2



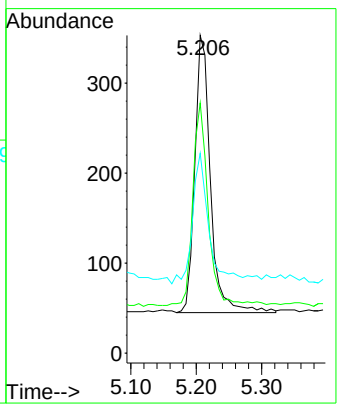


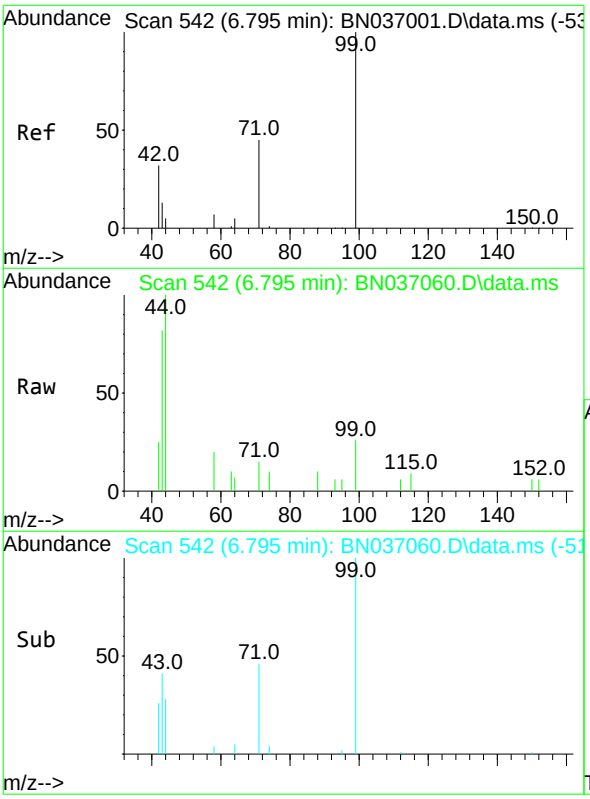
#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.206 min Scan# 32
Delta R.T. -0.007 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Tgt Ion:112 Resp: 513

Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.7	83.5
63	48.7	34.6	51.8

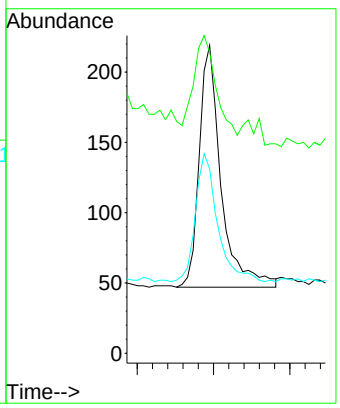


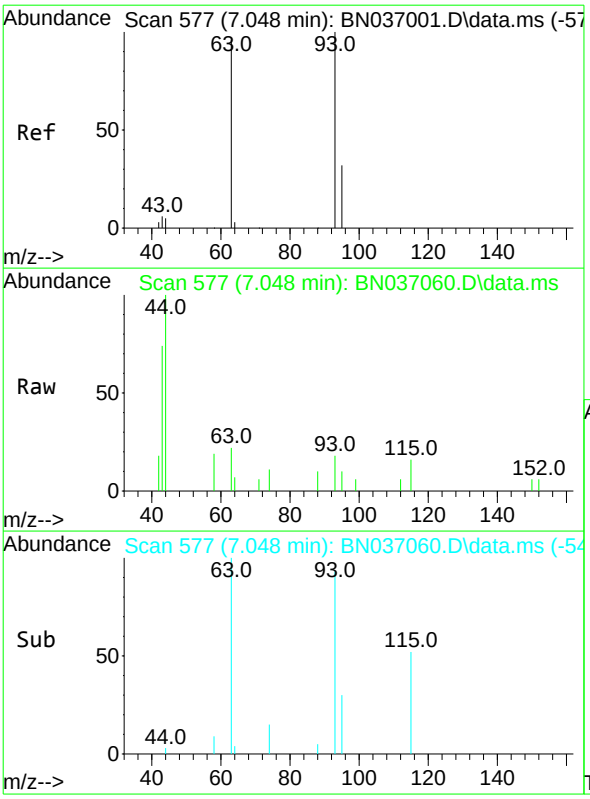


#5
Phenol-d6
Concen: 0.066 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion: 99 Resp: 342

Ion	Ratio	Lower	Upper
99	100		
42	42.7	29.3	43.9
71	53.2	35.7	53.5



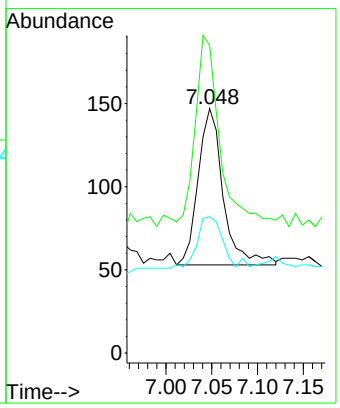


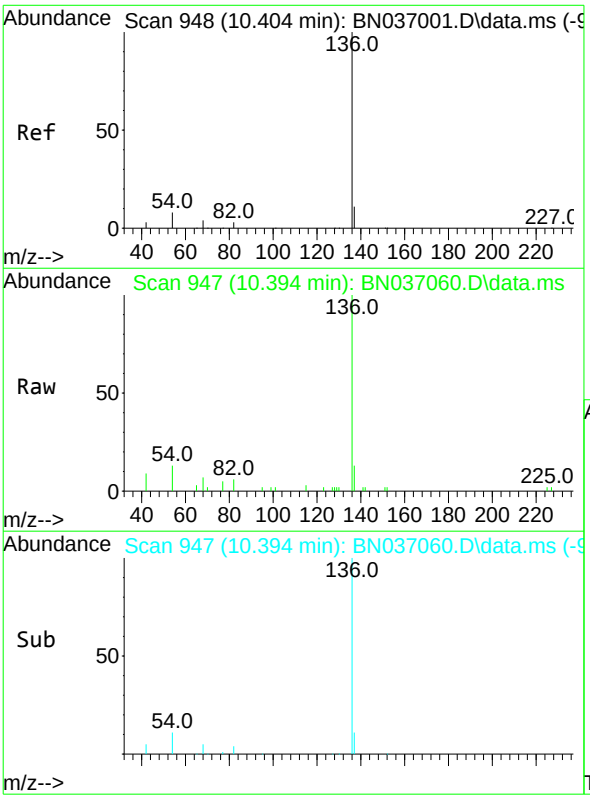
#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 7.048 min Scan# 57
Delta R.T. 0.000 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Tgt Ion: 93 Resp: 179

Ion	Ratio	Lower	Upper
93	100		
63	125.1	70.1	105.1#
95	32.4	26.2	39.2

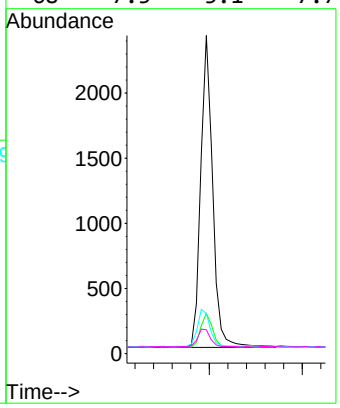


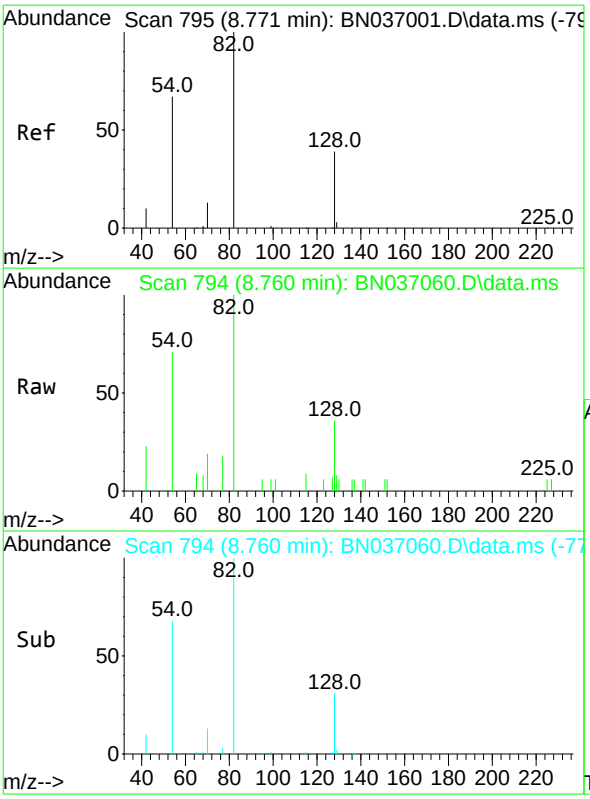


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion:136 Resp: 4279

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.4	15.6
54	12.6	8.5	12.7
68	7.5	5.1	7.7



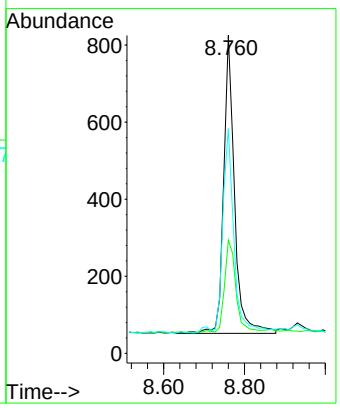


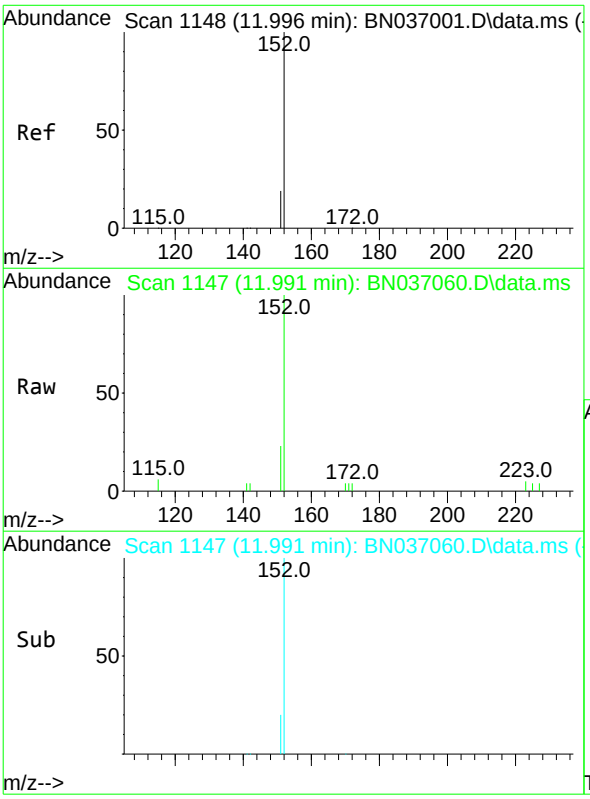
#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.760 min Scan# 79
Delta R.T. -0.011 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Tgt Ion: 82 Resp: 1445

Ion	Ratio	Lower	Upper
82	100		
128	35.6	34.0	51.0
54	70.7	55.0	82.4

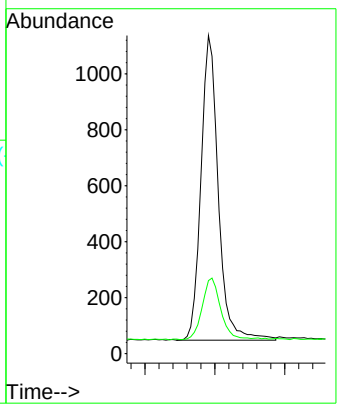


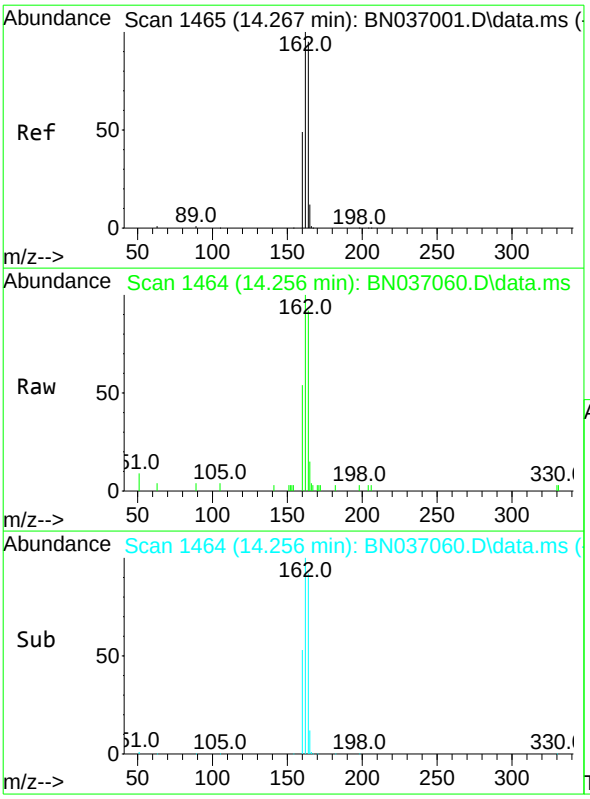


#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion:152 Resp: 1873

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.5	26.3



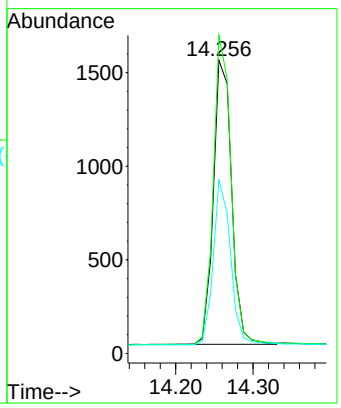


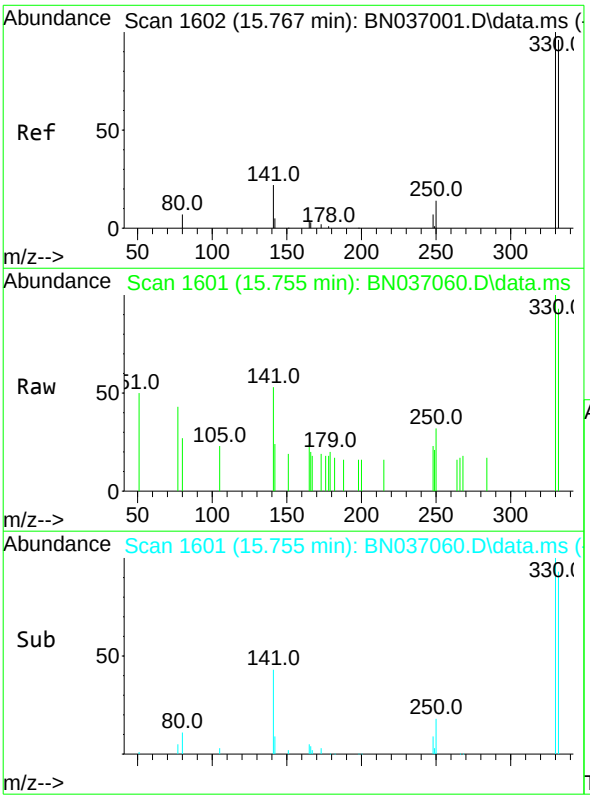
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Tgt Ion:164 Resp: 2489

Ion	Ratio	Lower	Upper
164	100		
162	108.5	84.2	126.4
160	59.1	42.6	63.8

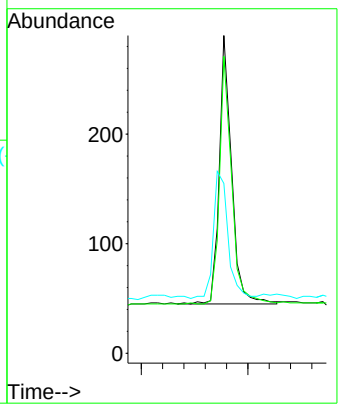


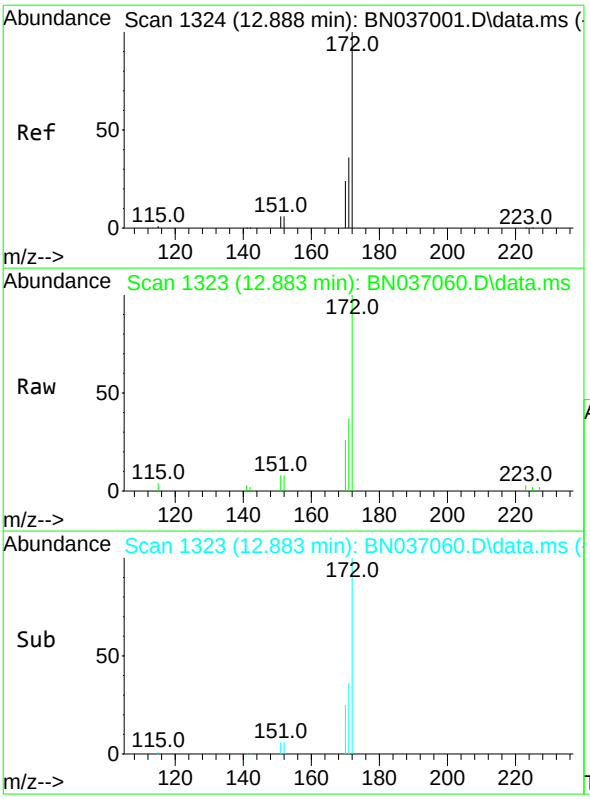


#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion:330 Resp: 395

Ion	Ratio	Lower	Upper
330	100		
332	91.9	73.8	110.8
141	57.0	43.9	65.9



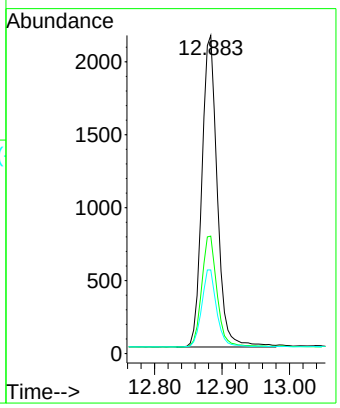


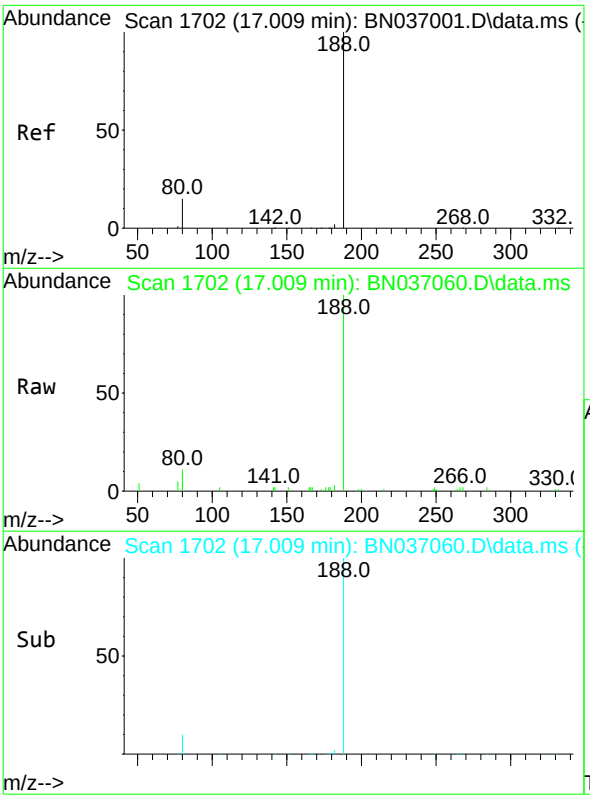
#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.883 min Scan# 13
Delta R.T. -0.005 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Tgt Ion:172 Resp: 3366

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.2	43.8
170	26.3	20.5	30.7

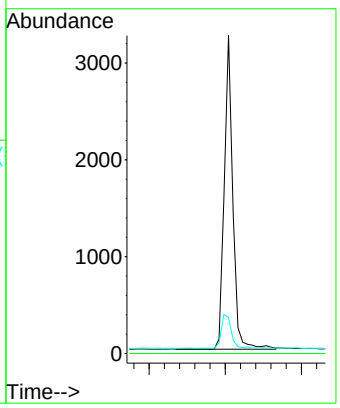


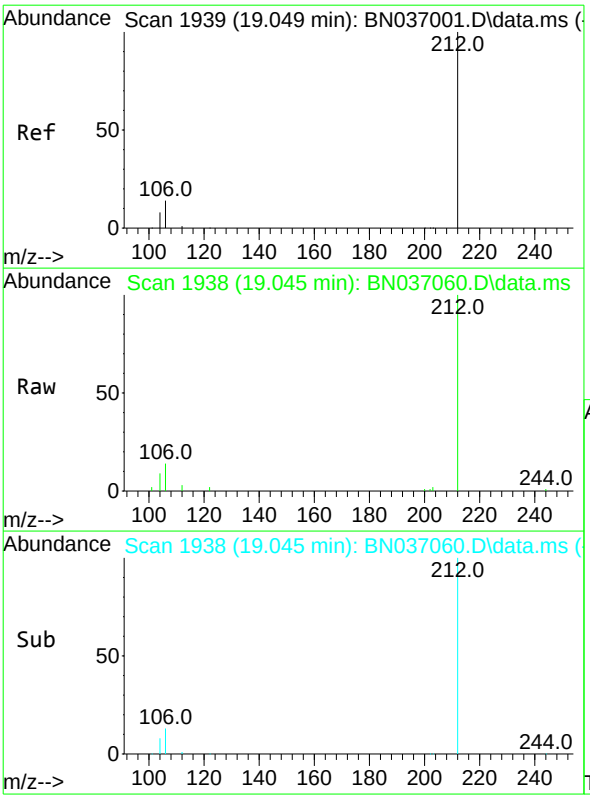


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion:188 Resp: 5045

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	13.4	20.0#



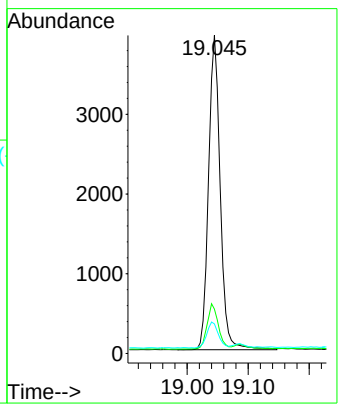


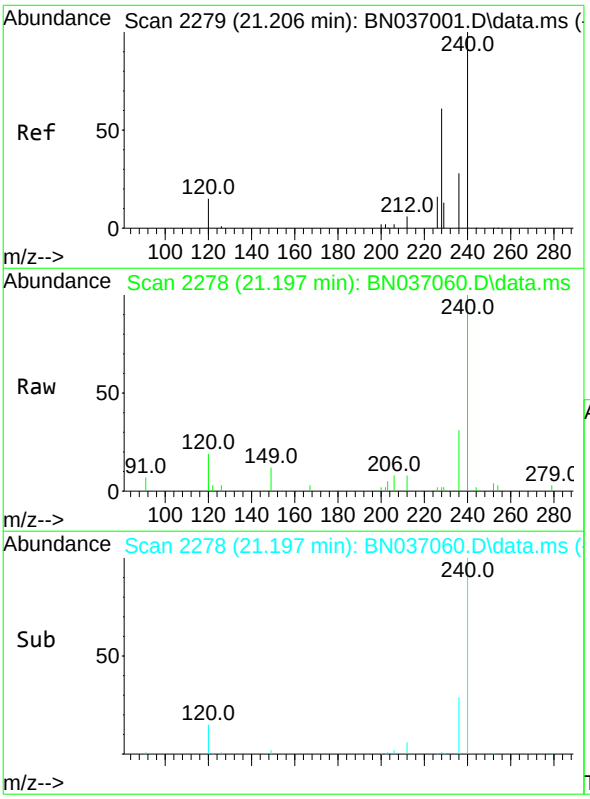
#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.045 min Scan# 19
Delta R.T. -0.005 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Tgt Ion:212 Resp: 5248

Ion	Ratio	Lower	Upper
212	100		
106	13.9	11.3	16.9
104	8.2	6.7	10.1

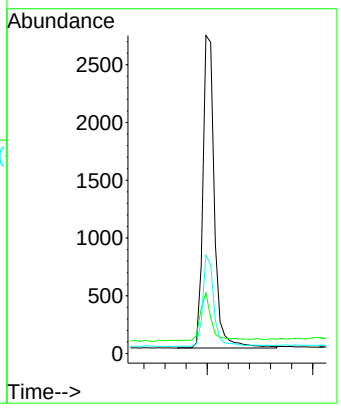


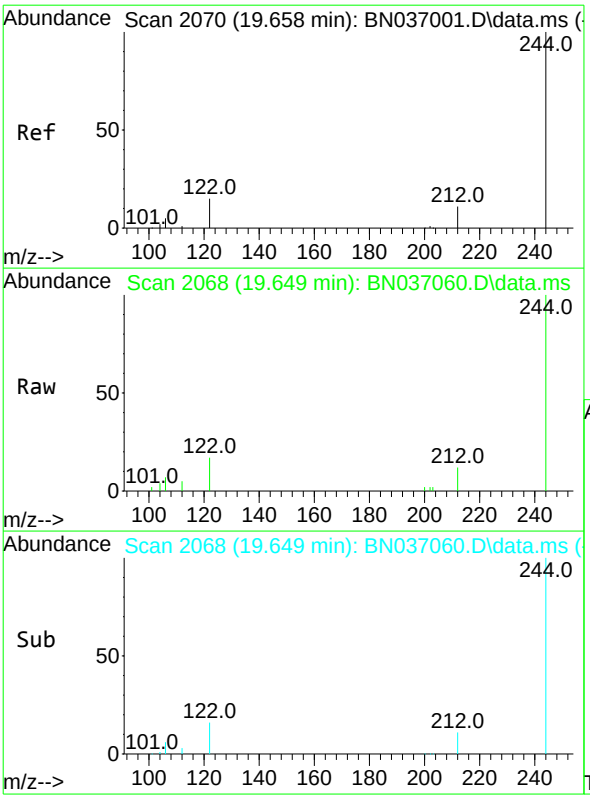


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion:240 Resp: 4113

Ion	Ratio	Lower	Upper
240	100		
120	19.0	15.1	22.7
236	30.9	24.0	36.0



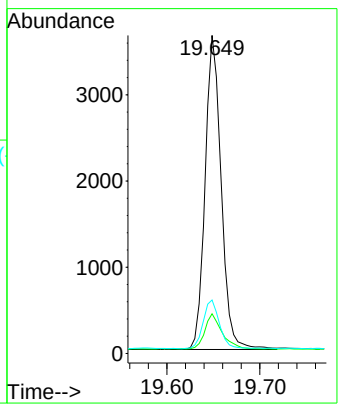


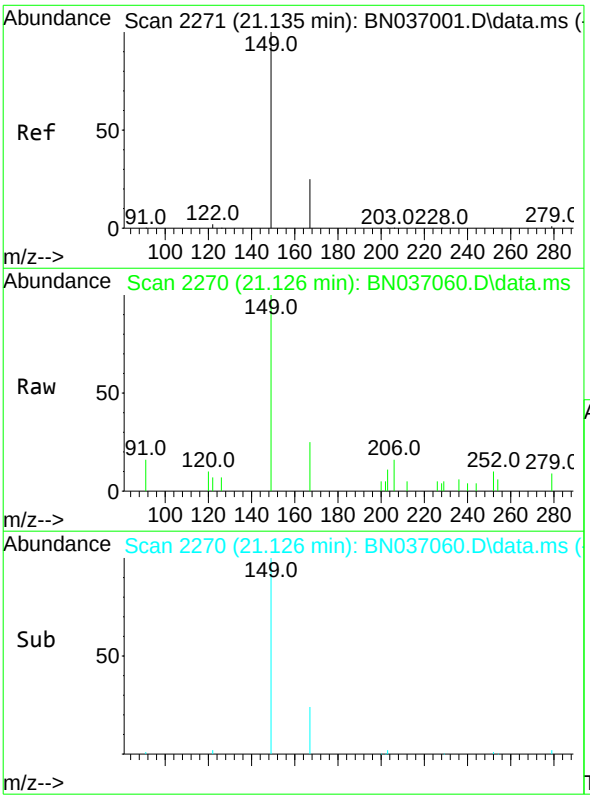
#31
Terphenyl-d14
Concen: 0.500 ng
RT: 19.649 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Tgt Ion:244 Resp: 4395

Ion	Ratio	Lower	Upper
244	100		
212	12.5	9.7	14.5
122	16.8	13.4	20.0

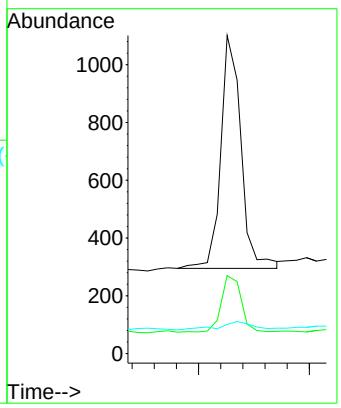


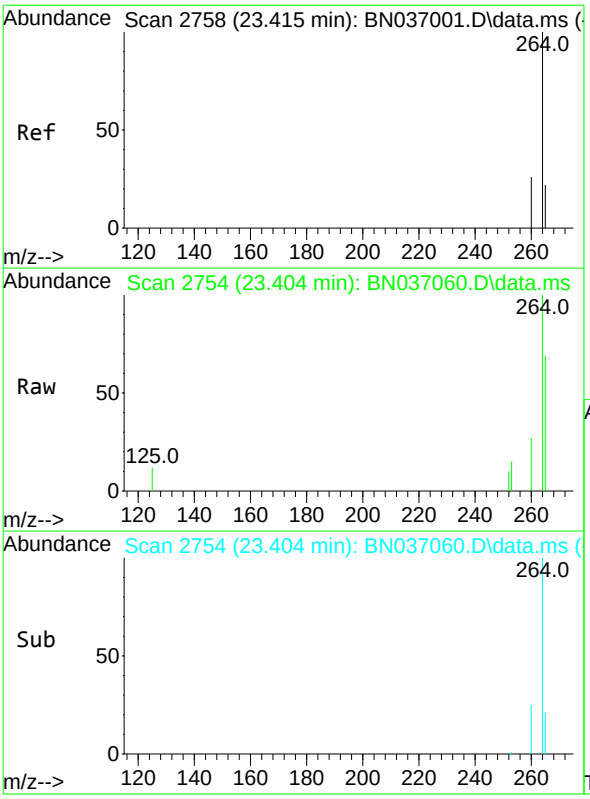


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.107 ng
RT: 21.126 min Scan# 2270
Delta R.T. -0.009 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Tgt Ion:149 Resp: 1021

Ion	Ratio	Lower	Upper
149	100		
167	23.5	20.6	30.8
279	6.1	2.6	3.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.404 min Scan# 27
Delta R.T. -0.012 min
Lab File: BN037060.D
Acq: 20 May 2025 00:42

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

Tgt Ion:264 Resp: 3609

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.9	32.9
265	69.2	51.6	77.4