Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037123.D
Acq On : 28 May 2025 23:47
Operator : RC/JU
Sample : Q2119-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Quant Time: May 29 01:34:10 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	2494	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	7003	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	3875	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	7007	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	4199	0.400	ng	0.00
35) Perylene-d12	23.395	264	3567	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	430	0.066	ng	0.00
5) Phenol-d6	6.788	99	292	0.036	ng	0.00
8) Nitrobenzene-d5	8.760	82	995	0.130	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1343	0.136	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	215	0.126	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	2359	0.133	ng	-0.01
27) Fluoranthene-d10	19.040	212	3154	0.164	ng	0.00
31) Terphenyl-d14	19.644	244	2340	0.261	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	8620	2.817	ng	97
20) 4,6-Dinitro-2-methylph...	15.410	198	2	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	715	0.073	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
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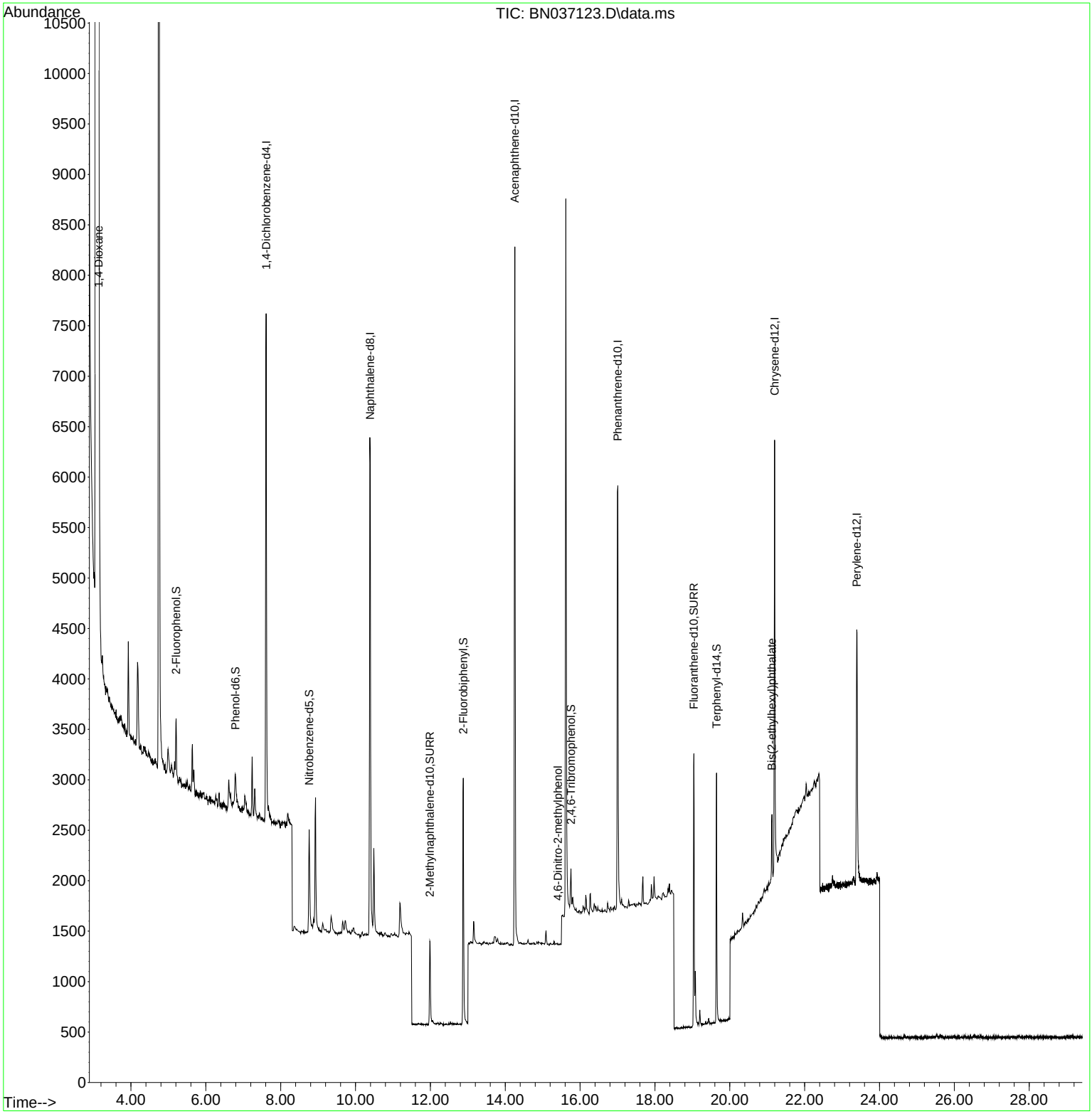
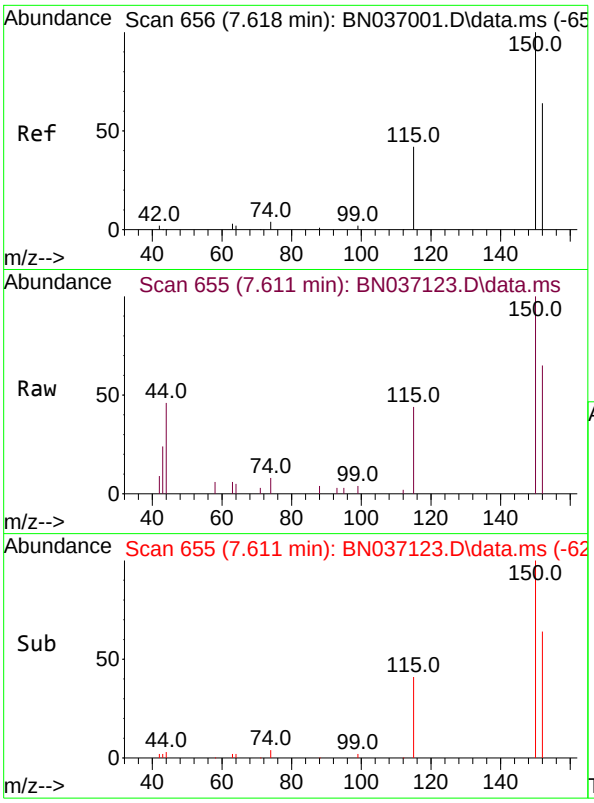


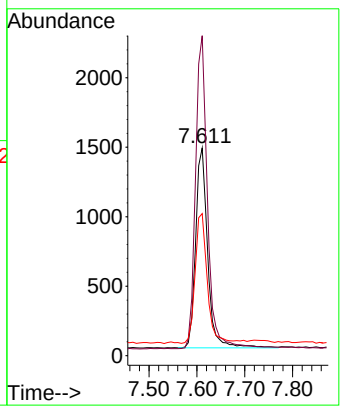


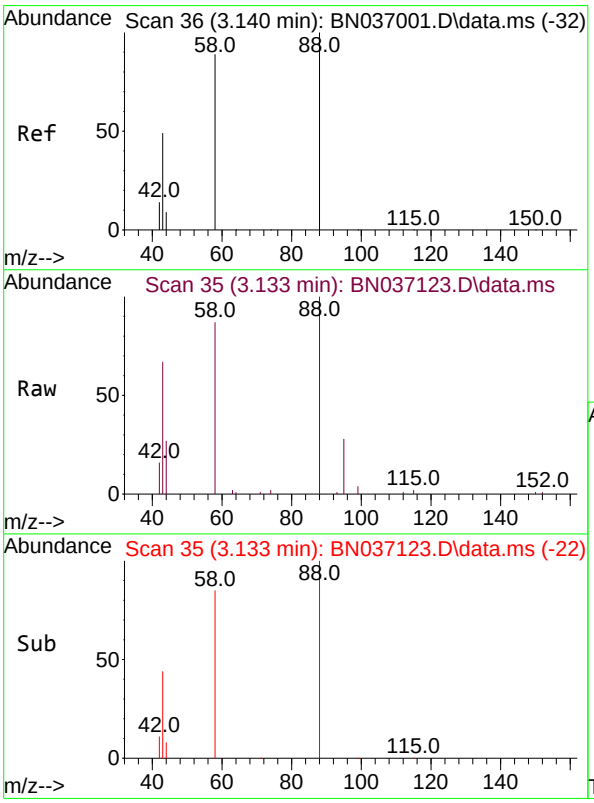
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Tgt Ion:152 Resp: 2494

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.9	185.9
115	68.4	55.8	83.8

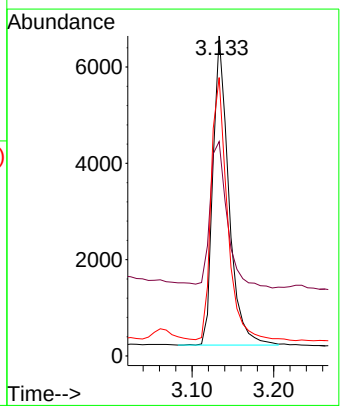


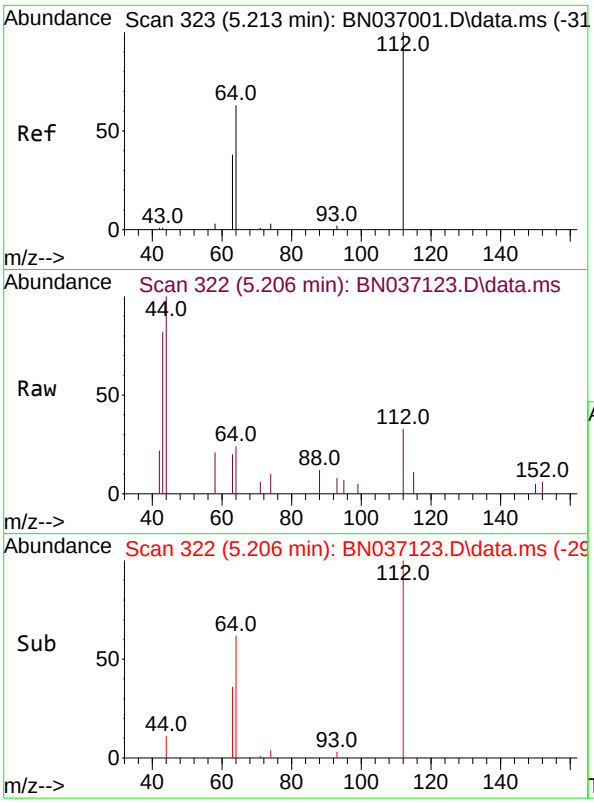


#2
1,4-Dioxane
Concen: 2.817 ng
RT: 3.133 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion: 88 Resp: 8620

Ion	Ratio	Lower	Upper
88	100		
43	51.8	37.4	56.0
58	86.6	68.8	103.2



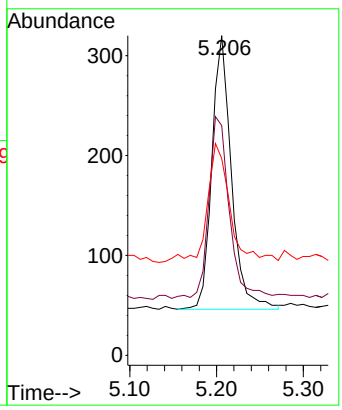


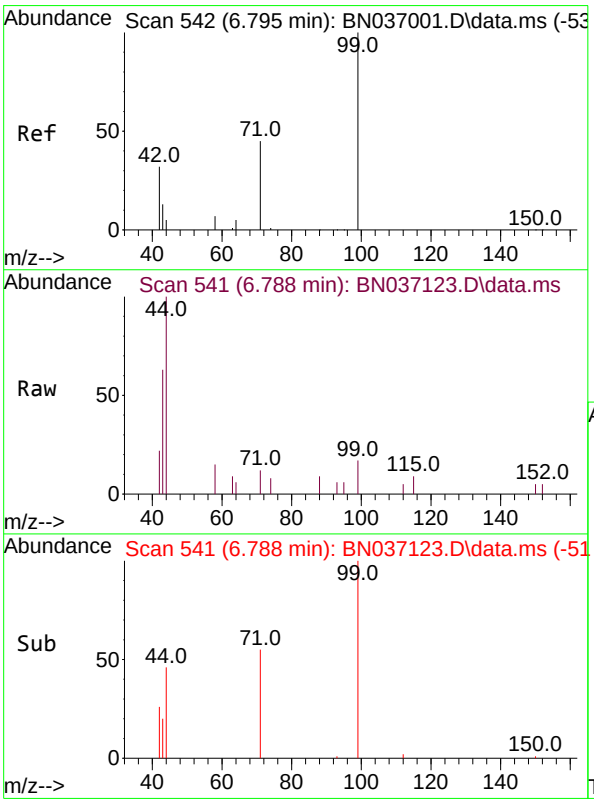
#4
2-Fluorophenol
Concen: 0.066 ng
RT: 5.206 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Tgt Ion:112 Resp: 430

Ion	Ratio	Lower	Upper
112	100		
64	71.4	55.7	83.5
63	44.2	34.6	51.8

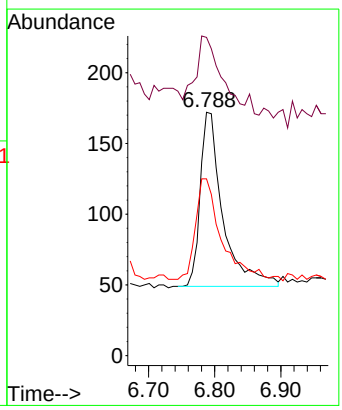


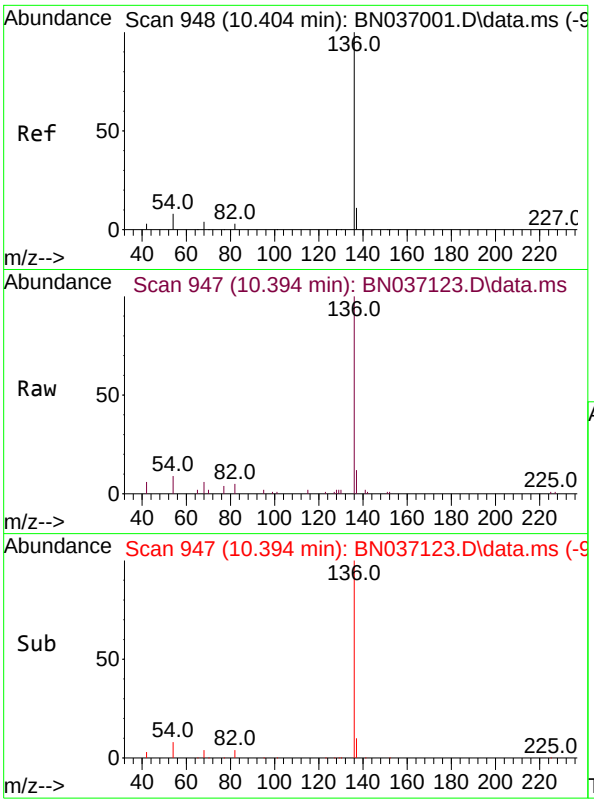


#5
Phenol-d6
Concen: 0.036 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion: 99 Resp: 292

Ion	Ratio	Lower	Upper
99	100		
42	55.5	29.3	43.9#
71	68.5	35.7	53.5#



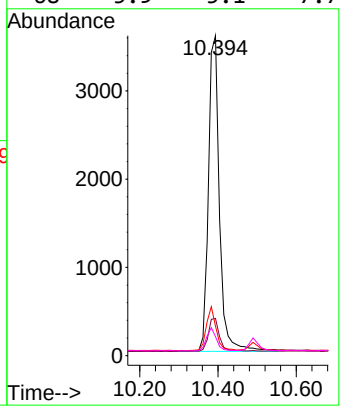


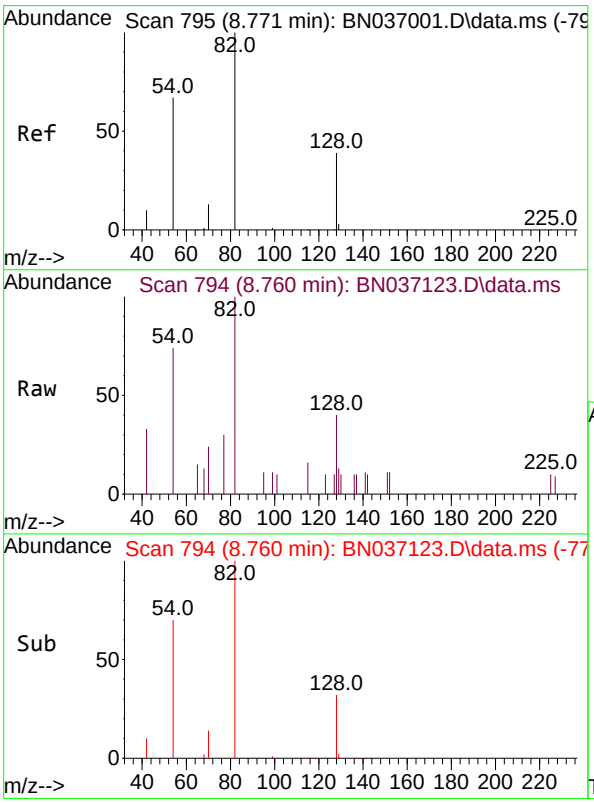
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Tgt Ion:136 Resp: 7003

Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.4	15.6
54	9.2	8.5	12.7
68	5.9	5.1	7.7

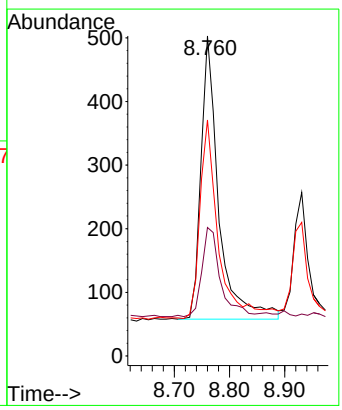


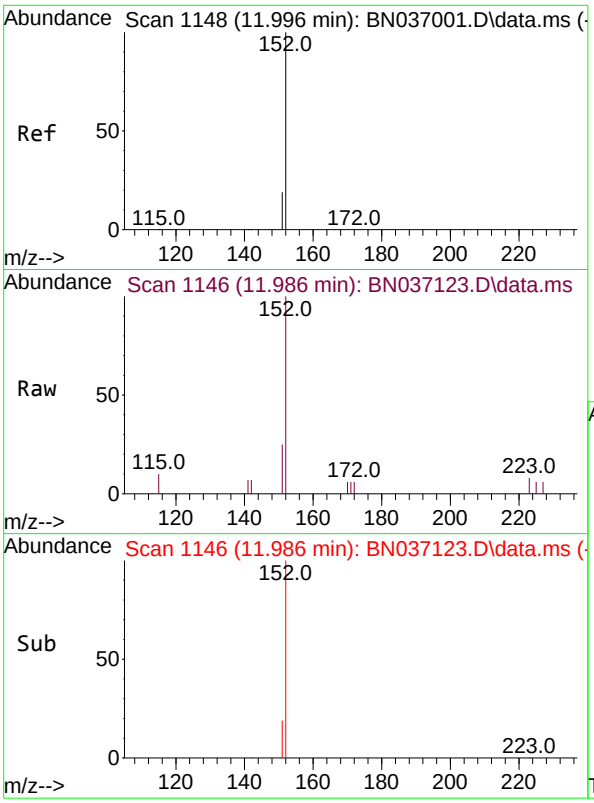


#8
Nitrobenzene-d5
Concen: 0.130 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion: 82 Resp: 995

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.0	51.0
54	73.8	55.0	82.4



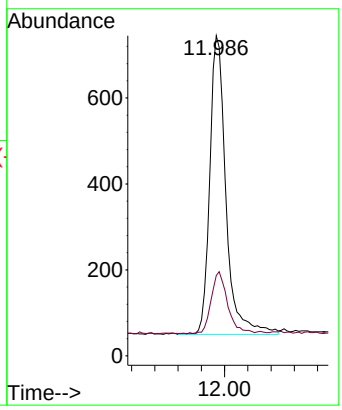


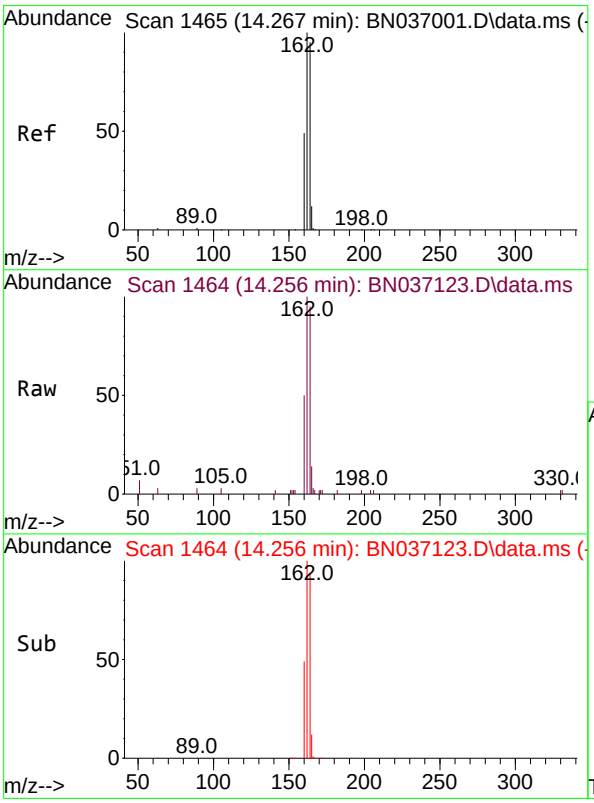
#11
2-Methylnaphthalene-d10
Concen: 0.136 ng
RT: 11.986 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Tgt Ion:152 Resp: 1343

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.5	26.3

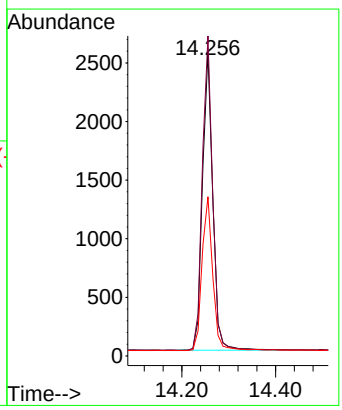


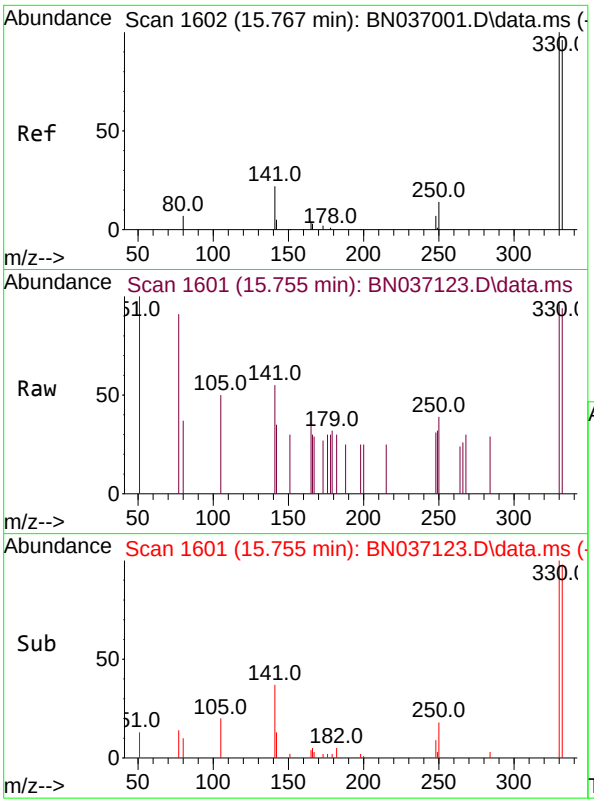


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion:164 Resp: 3875

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.2	126.4
160	52.5	42.6	63.8



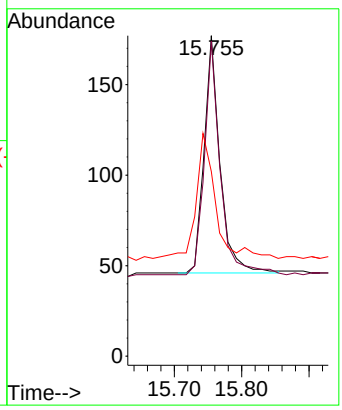


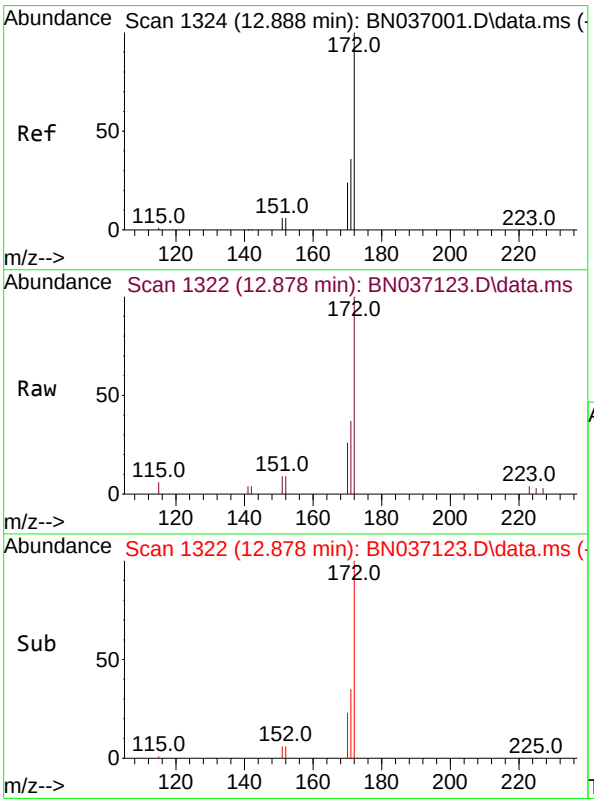
#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Tgt Ion:330 Resp: 215

Ion	Ratio	Lower	Upper
330	100		
332	98.1	73.8	110.8
141	64.7	43.9	65.9

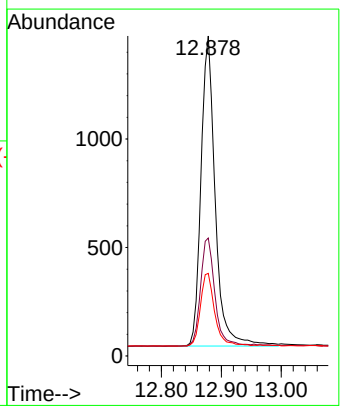


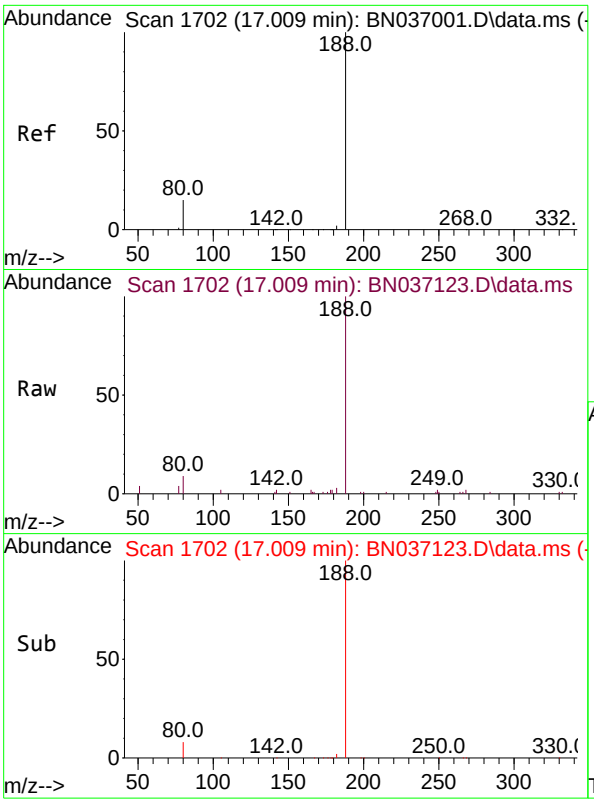


#15
2-Fluorobiphenyl
Concen: 0.133 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion:172 Resp: 2359

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.2	43.8
170	25.8	20.5	30.7



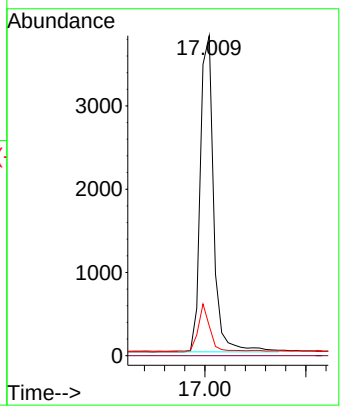


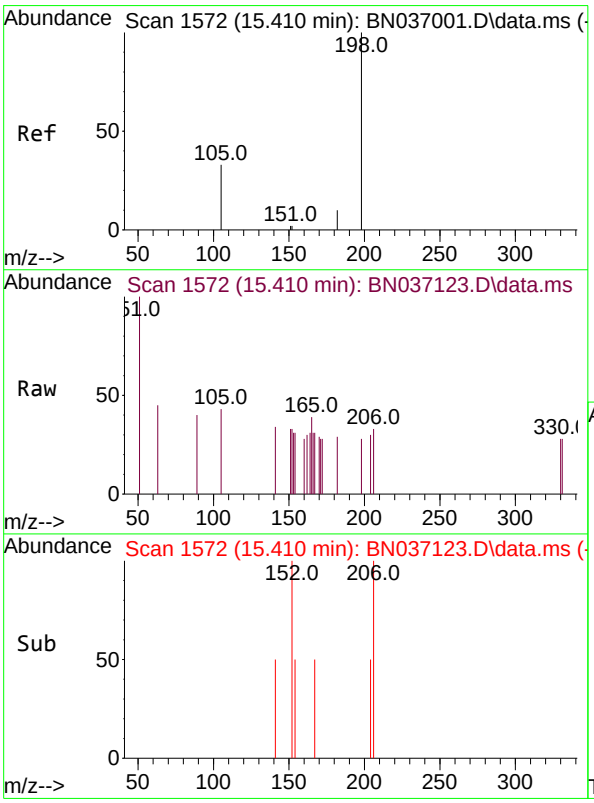
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Tgt Ion:188 Resp: 7007

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	13.4	20.0#

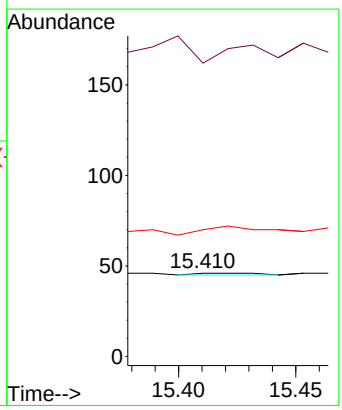


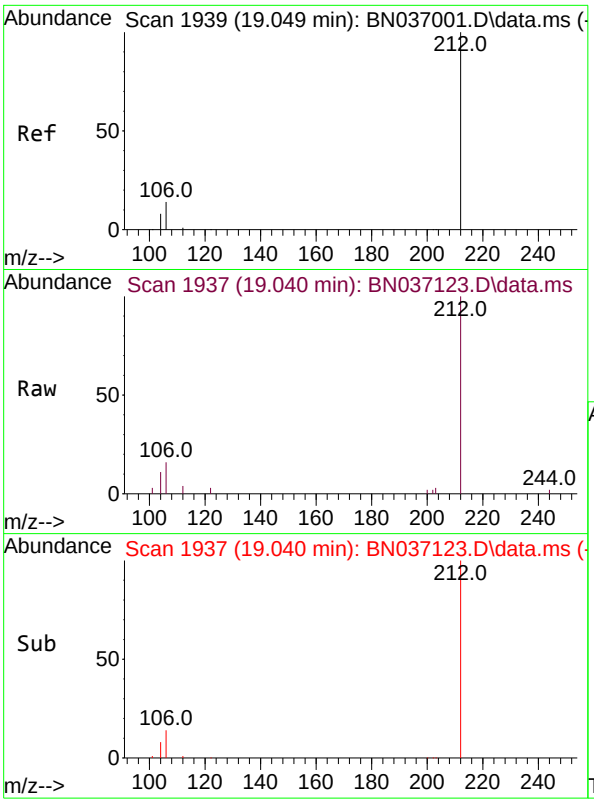


#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 15.410 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	352.2	87.8	131.6#
105	152.2	44.2	66.4#



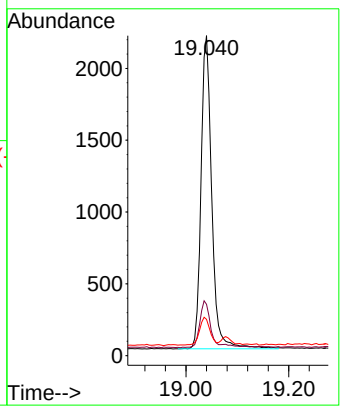


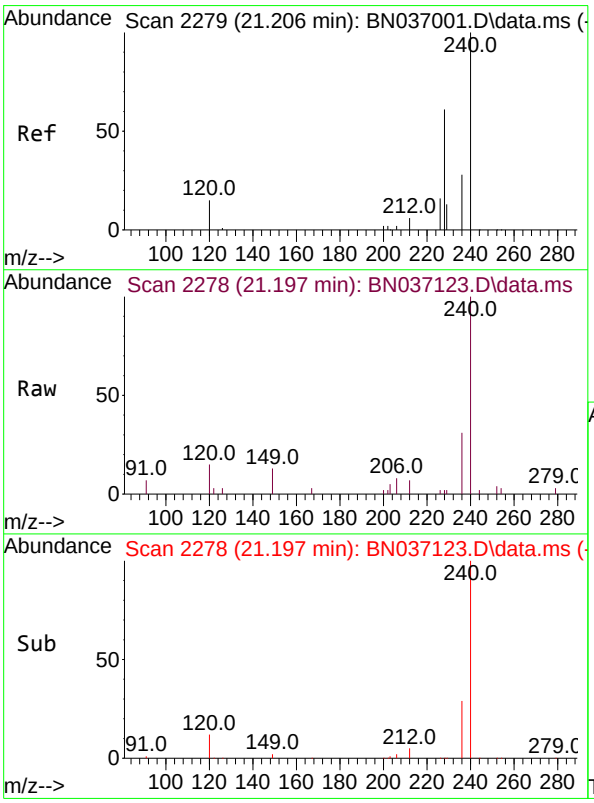
#27
Fluoranthene-d10
Concen: 0.164 ng
RT: 19.040 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Tgt Ion:212 Resp: 3154

Ion	Ratio	Lower	Upper
212	100		
106	15.7	11.3	16.9
104	8.5	6.7	10.1

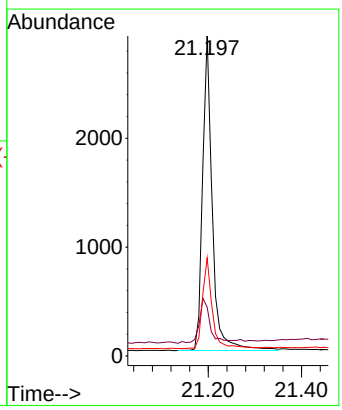


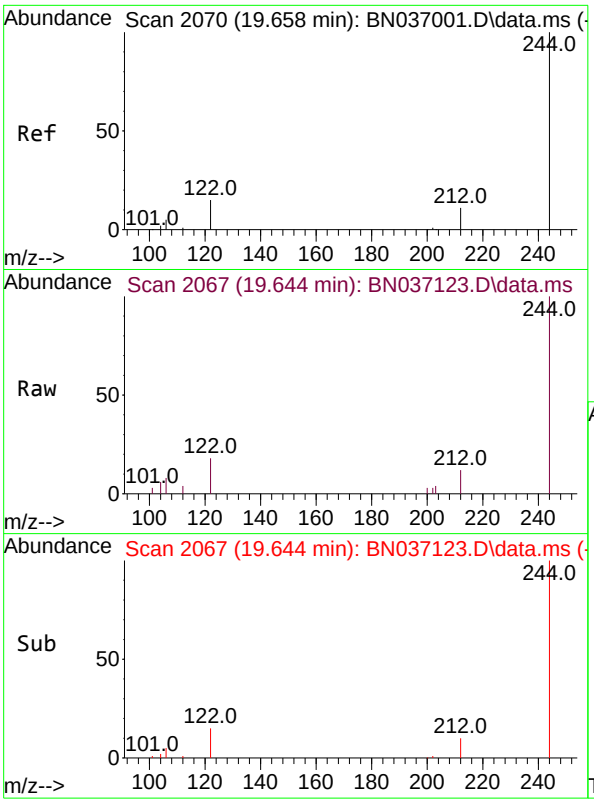


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion:240 Resp: 4199

Ion	Ratio	Lower	Upper
240	100		
120	15.3	15.1	22.7
236	30.6	24.0	36.0



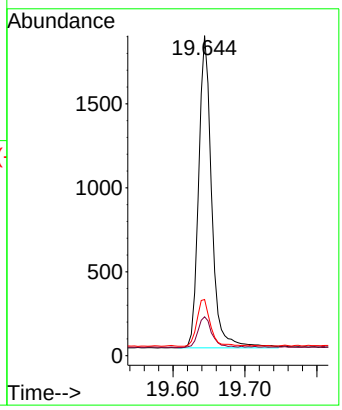


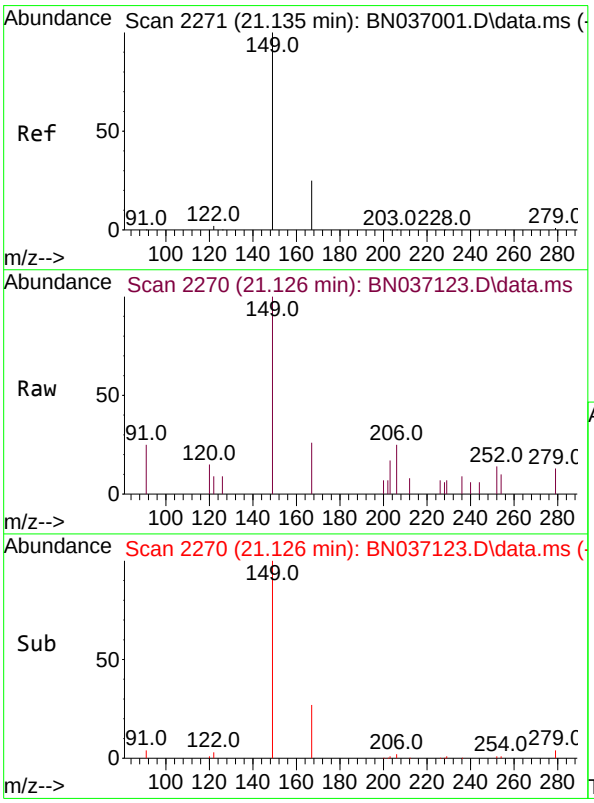
#31
Terphenyl-d14
Concen: 0.261 ng
RT: 19.644 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Tgt Ion:244 Resp: 2340

Ion	Ratio	Lower	Upper
244	100		
212	12.2	9.7	14.5
122	17.6	13.4	20.0

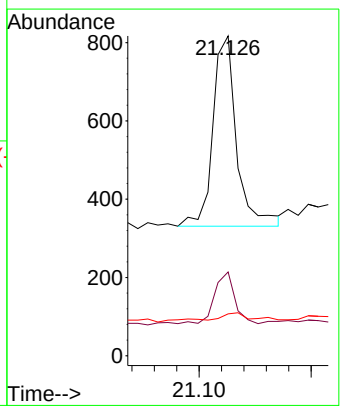


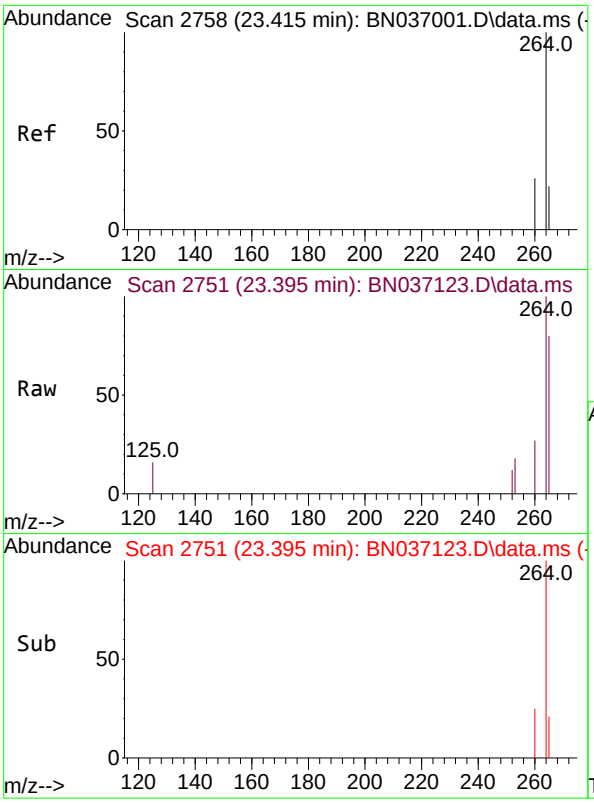


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.126 min Scan# 2270
Delta R.T. -0.009 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion:149 Resp: 715

Ion	Ratio	Lower	Upper
149	100		
167	22.9	20.6	30.8
279	4.1	2.6	3.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.395 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

Tgt Ion:264 Resp: 3567

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.9	32.9
265	80.5	51.6	77.4#