Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038027.D
Acq On : 07 Oct 2025 02:33
Operator : RC/JU
Sample : Q3194-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Quant Time: Oct 07 04:16:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7999	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21641	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	9946	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	18322	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	14348	0.400	ng	#-0.02
35) Perylene-d12	23.706	264	13560	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2539	0.139	ng	0.00
5) Phenol-d6	6.959	99	1806	0.075	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6413	0.389	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	9621	0.320	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	1068	0.283	ng	-0.02
15) 2-Fluorobiphenyl	13.083	172	16672	0.409	ng	-0.01
27) Fluoranthene-d10	19.239	212	16839	0.365	ng	-0.01
31) Terphenyl-d14	19.833	244	14078	0.493	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1008	0.124	ng	# 27
20) 4,6-Dinitro-2-methylph...	15.609	198	2	0.068	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	1429	0.072	ng	# 97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
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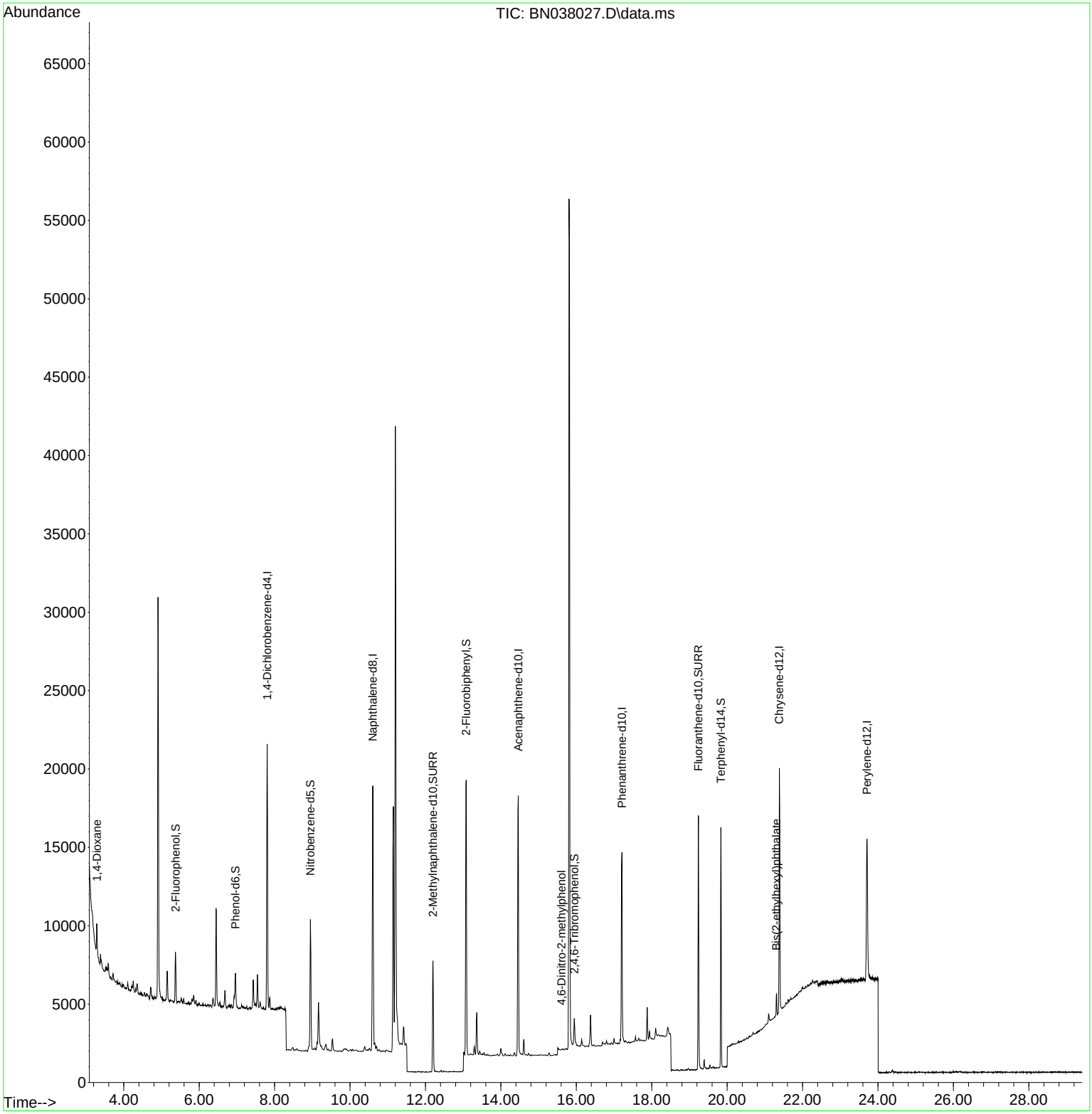
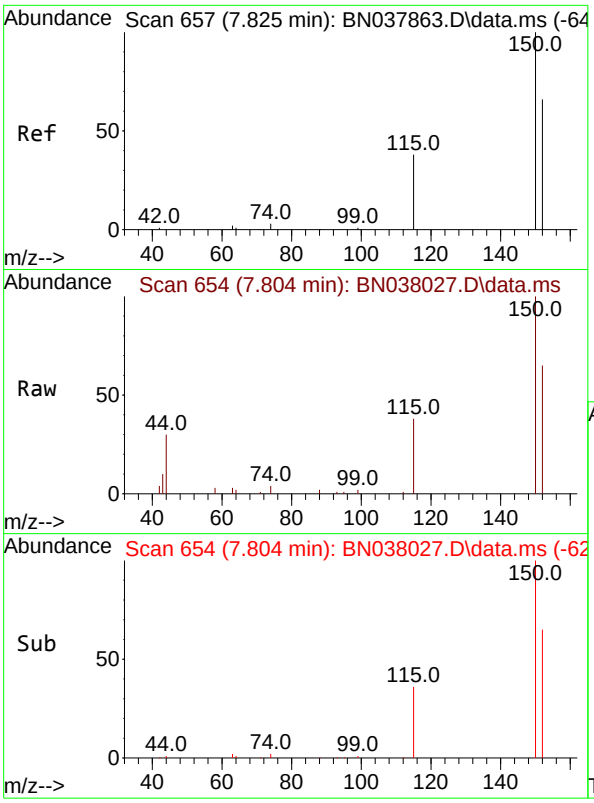


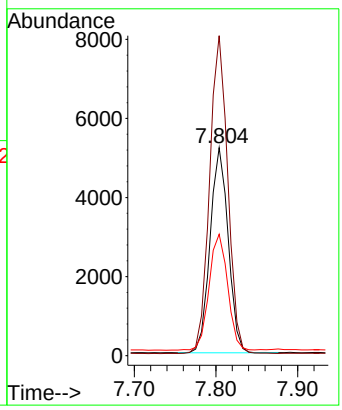


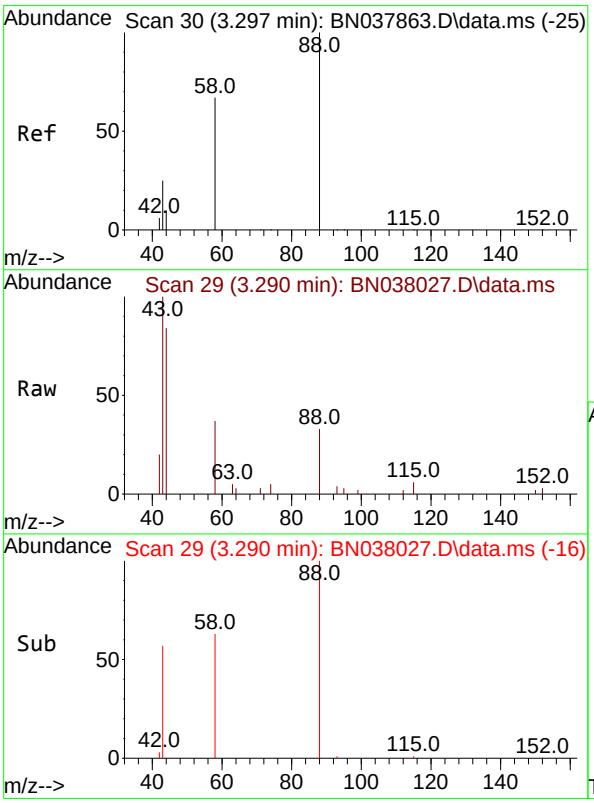
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.021 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Tgt Ion:152 Resp: 7999

Ion	Ratio	Lower	Upper
152	100		
150	153.8	121.0	181.4
115	58.3	47.4	71.0

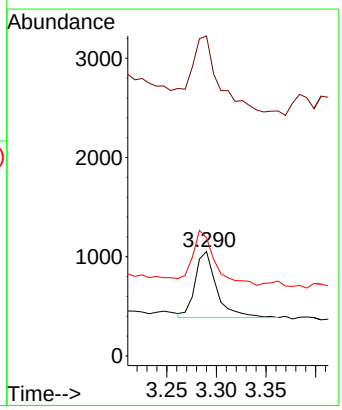


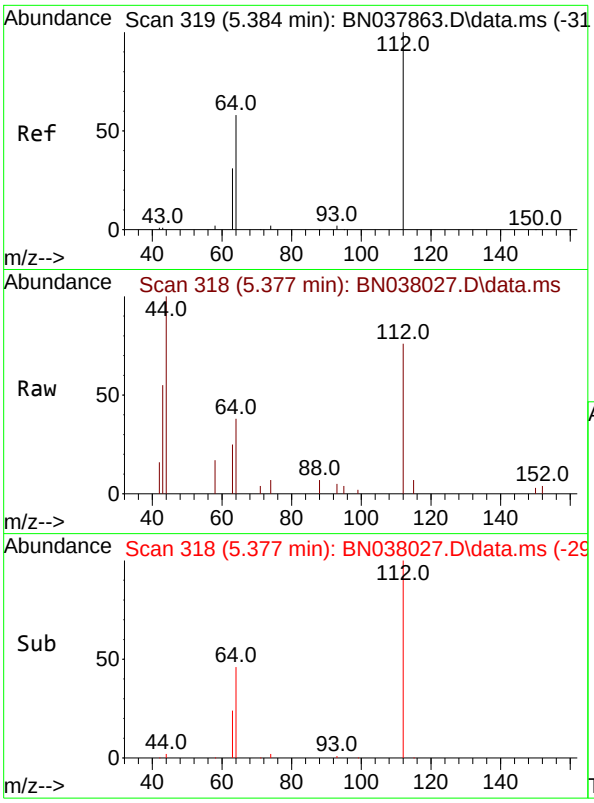


#2
1,4-Dioxane
Concen: 0.124 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion: 88 Resp: 1008

Ion	Ratio	Lower	Upper
88	100		
43	147.6	26.6	39.8#
58	86.4	58.9	88.3



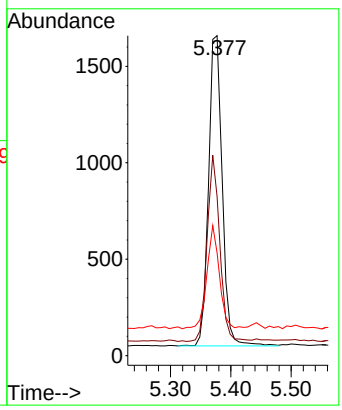


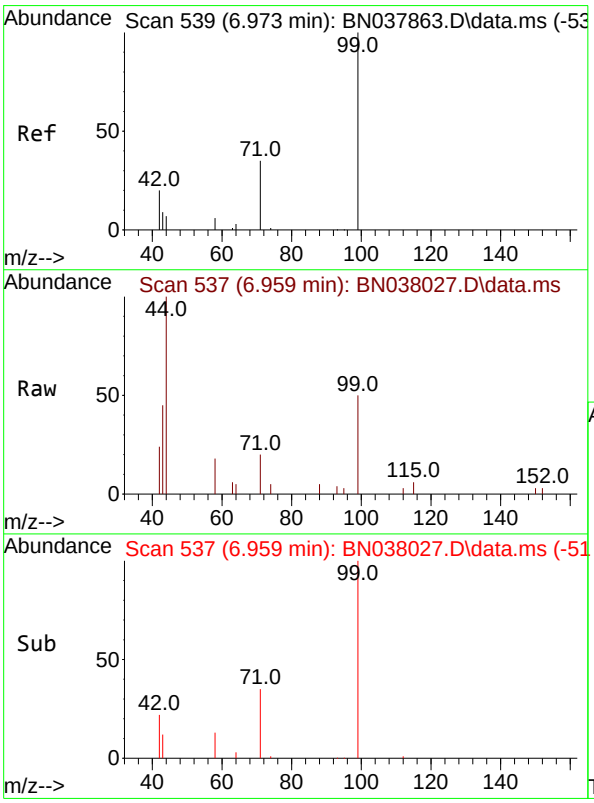
#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Tgt Ion:112 Resp: 2539

Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.6	66.8
63	30.7	24.9	37.3

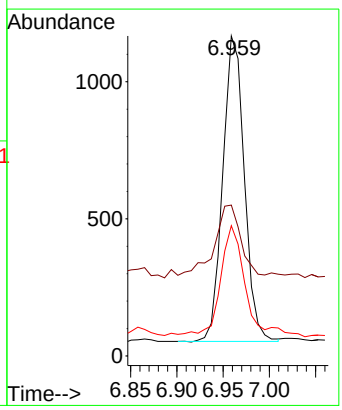


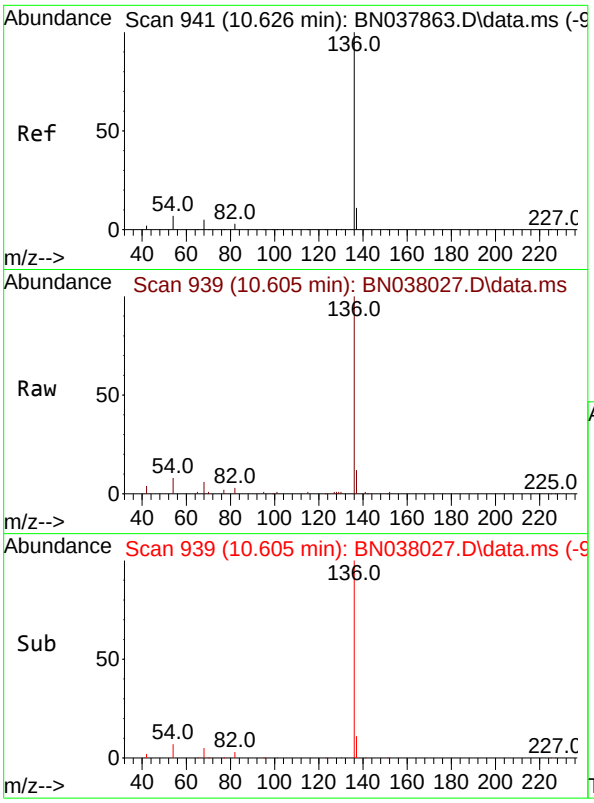


#5
Phenol-d6
Concen: 0.075 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.014 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion: 99 Resp: 1806

Ion	Ratio	Lower	Upper
99	100		
42	30.9	17.2	25.8#
71	42.8	27.3	40.9#



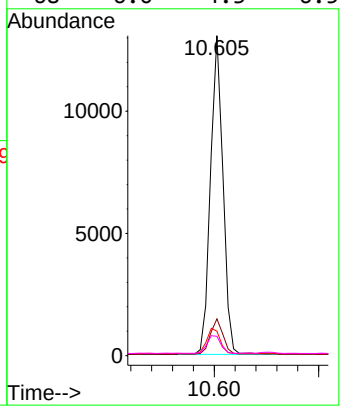


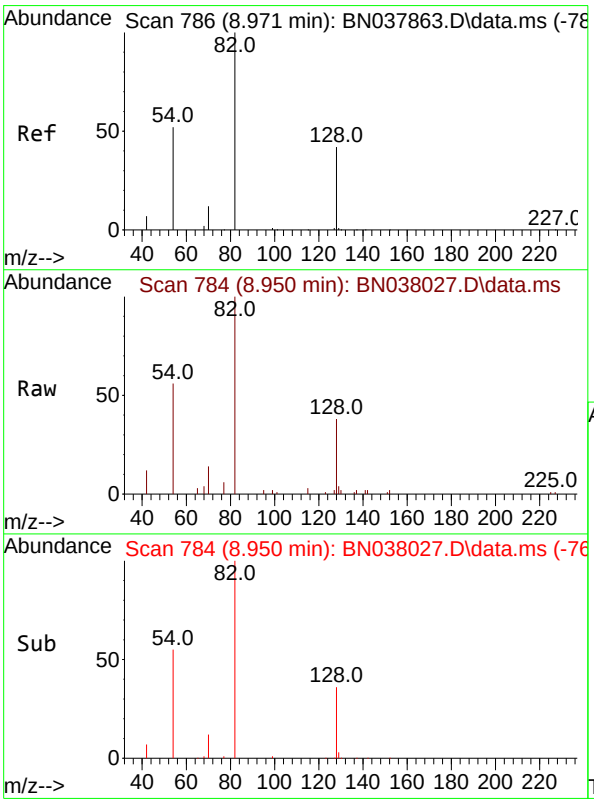
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Tgt Ion:136 Resp: 21641

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.6	5.8	8.8
68	6.0	4.3	6.5

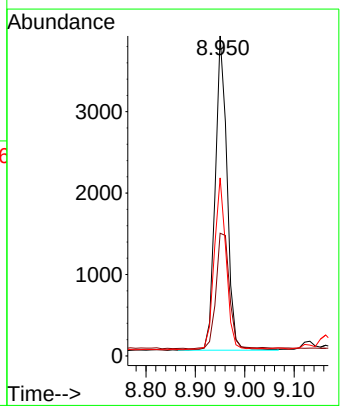


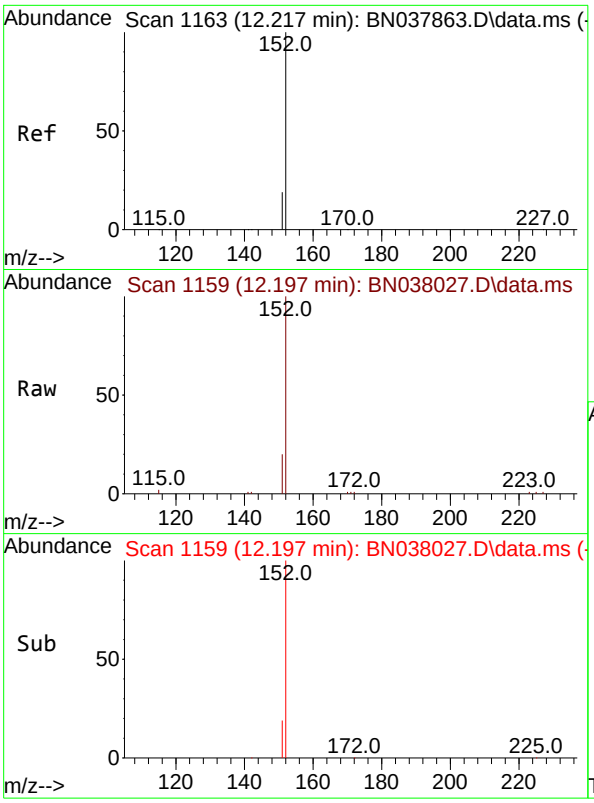


#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion: 82 Resp: 6413

Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.8	52.2
54	55.7	42.2	63.2



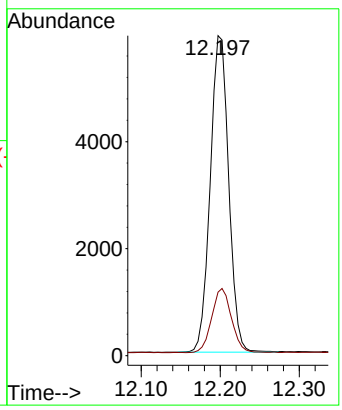


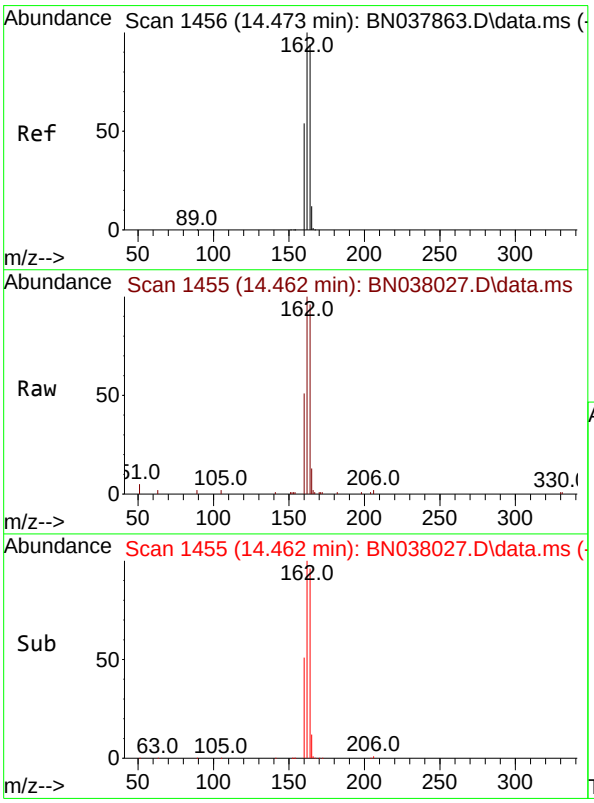
#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.197 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Tgt Ion:152 Resp: 9621

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.4	26.2

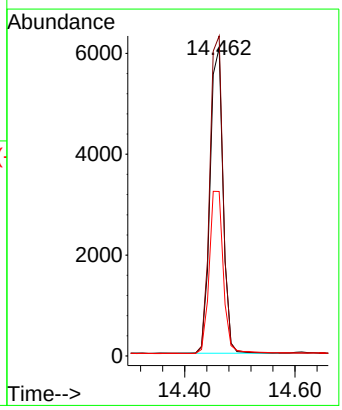


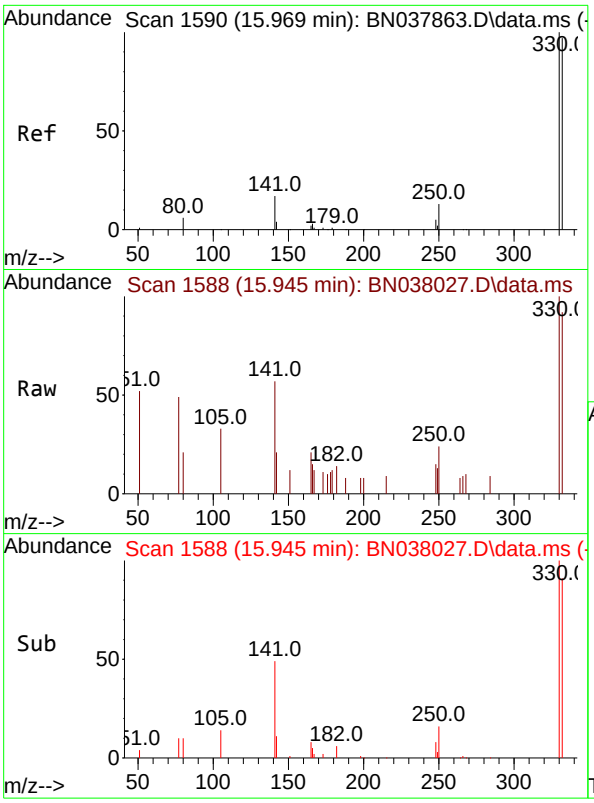


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:164 Resp: 9946

Ion	Ratio	Lower	Upper
164	100		
162	103.8	84.8	127.2
160	53.4	46.1	69.1



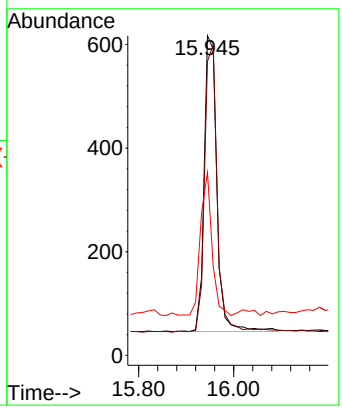


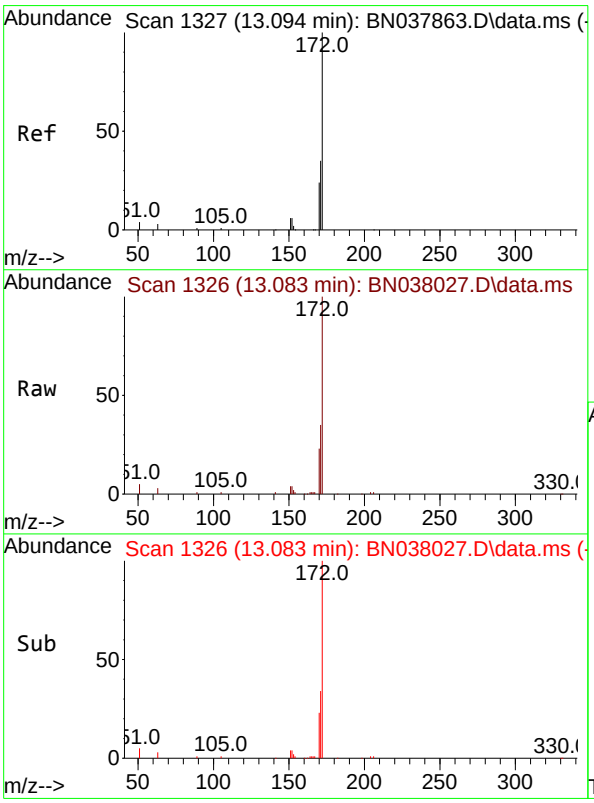
#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.945 min Scan# 1
Delta R.T. -0.024 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Tgt Ion:330 Resp: 1068

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.2	115.8
141	43.4	37.2	55.8

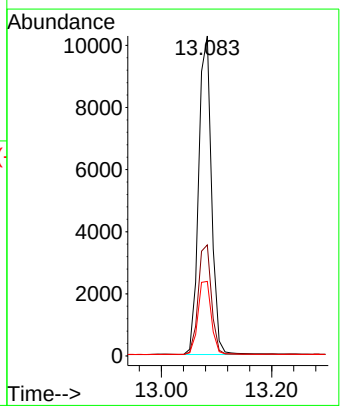


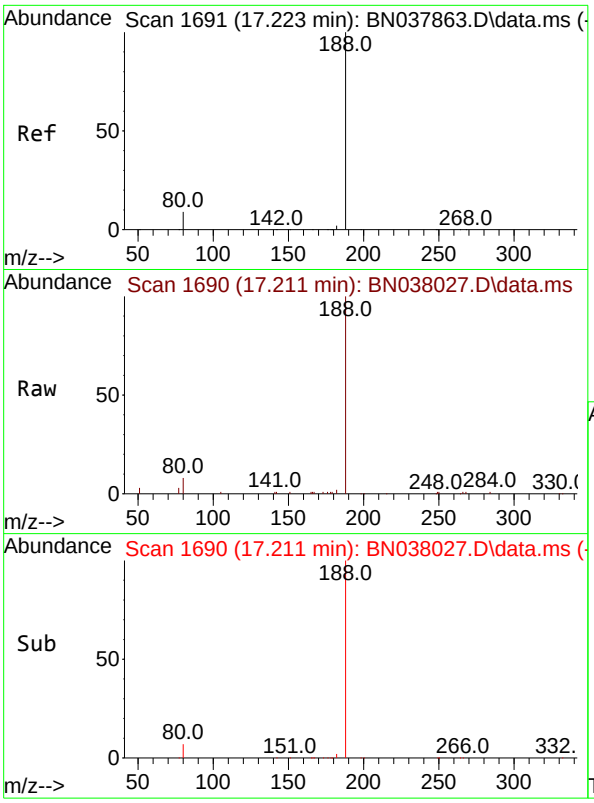


#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:172 Resp: 16672

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	23.3	19.7	29.5



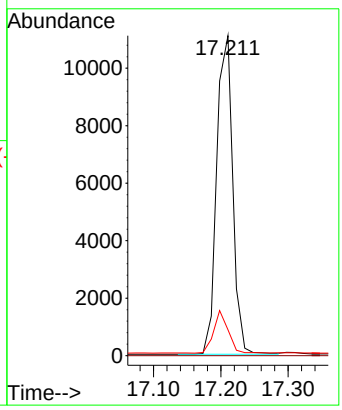


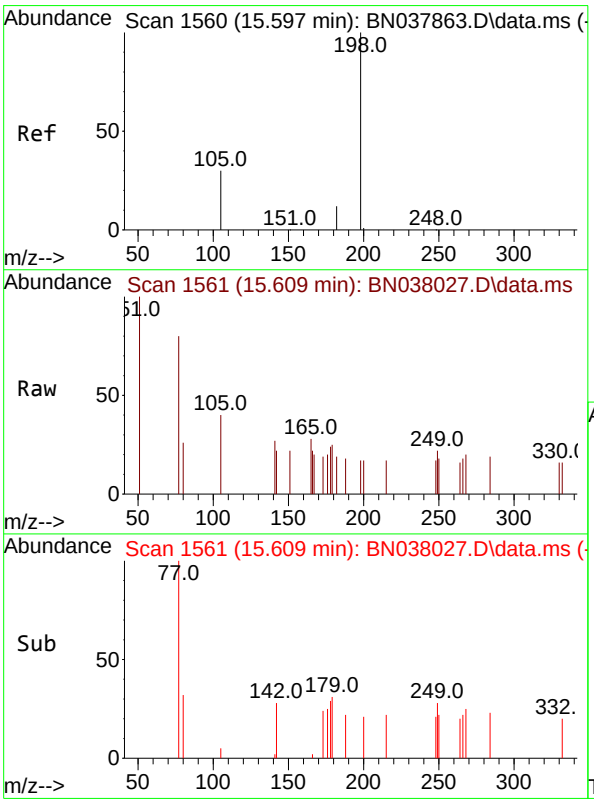
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Tgt Ion:188 Resp: 18322

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.6	11.4

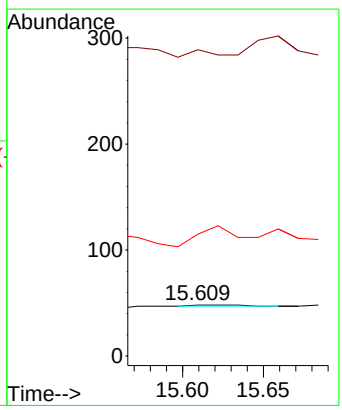


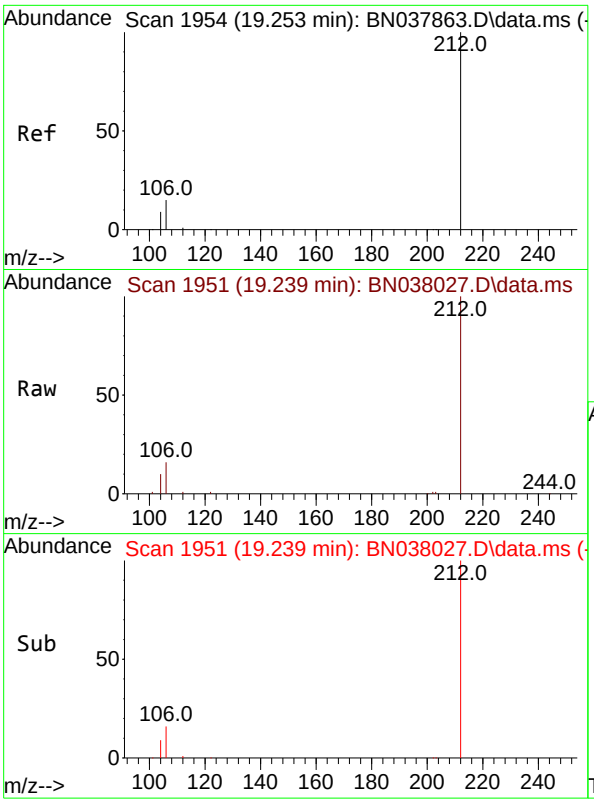


#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.609 min Scan# 1561
Delta R.T. 0.012 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	602.1	59.1	88.7#
105	239.6	41.3	61.9#



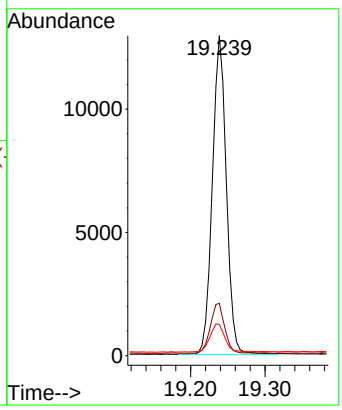


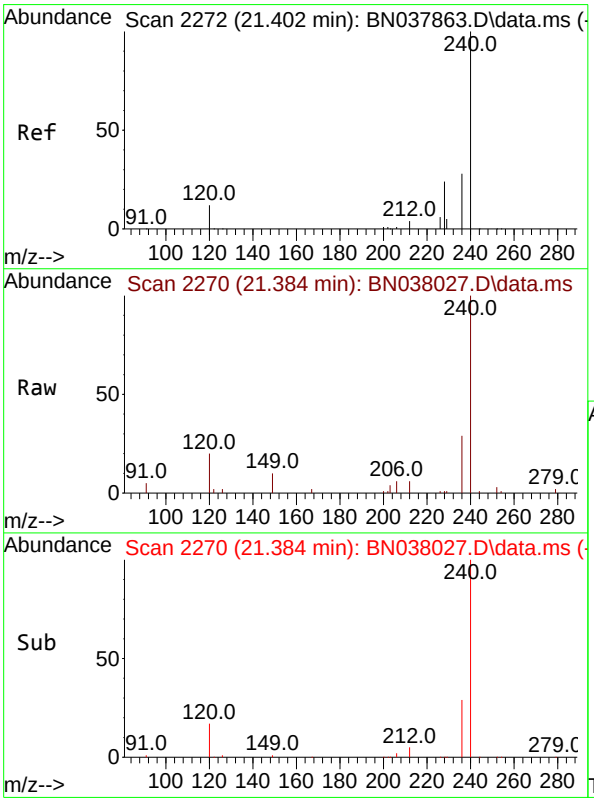
#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.239 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Tgt Ion:212 Resp: 16839

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.6	19.0
104	9.6	7.4	11.0

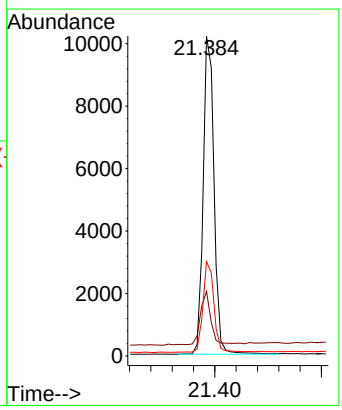


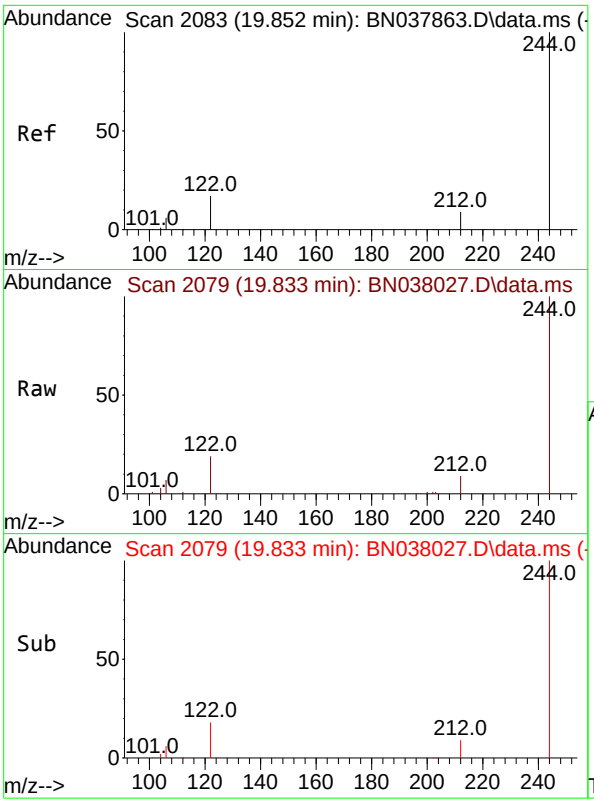


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:240 Resp: 14348

Ion	Ratio	Lower	Upper
240	100		
120	20.2	11.4	17.2#
236	29.5	23.0	34.6



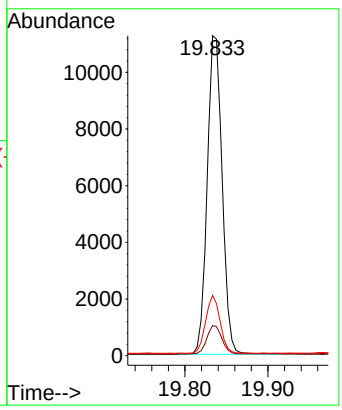


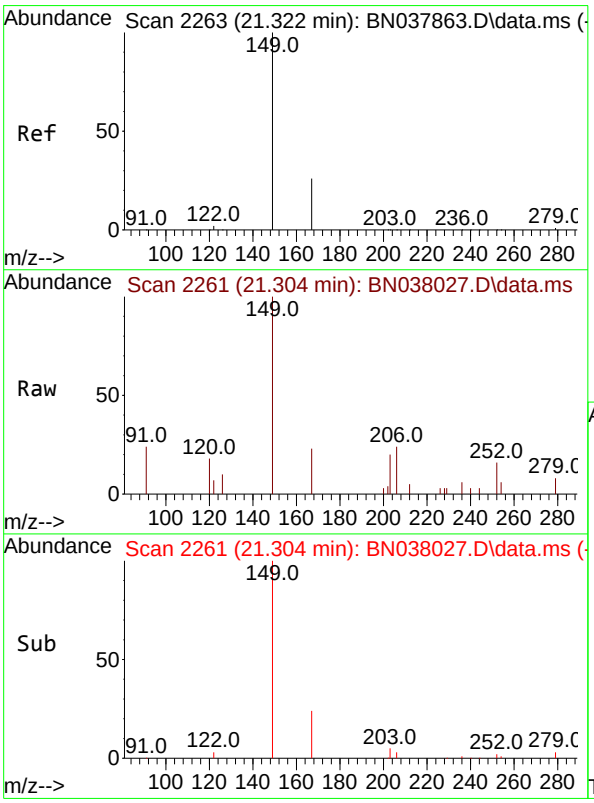
#31
Terphenyl-d14
Concen: 0.493 ng
RT: 19.833 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Tgt Ion:244 Resp: 14078

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.6	11.4
122	18.9	13.9	20.9

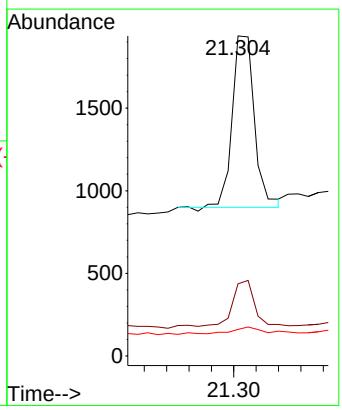


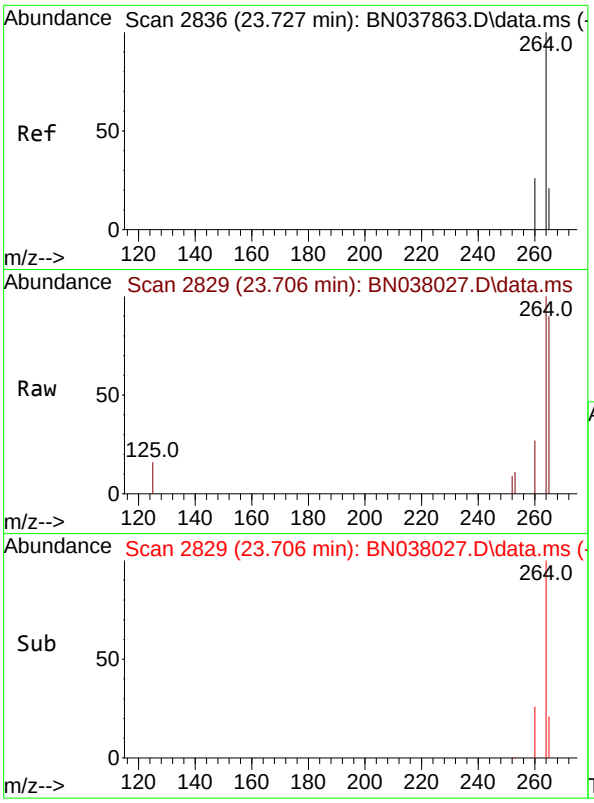


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.304 min Scan# 2261
Delta R.T. -0.018 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:149 Resp: 1429

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.4	30.6
279	7.4	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.706 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_P
ClientSampleId :
FB01-20250924

Tgt Ion:264 Resp: 13560

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.5	32.3
265	90.0	53.8	80.6#