Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038347.D
Acq On : 12 Dec 2025 11:49
Operator : RC/JU
Sample : Q3813-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Quant Time: Dec 12 12:12:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6003	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15645	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8460	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16049	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12341	0.400	ng	0.00
35) Perylene-d12	23.630	264	12255	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1999	0.134	ng	0.00
5) Phenol-d6	6.887	99	1375	0.077	ng	0.00
8) Nitrobenzene-d5	8.875	82	4377	0.332	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	6027	0.273	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1110	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	11880	0.291	ng	0.00
27) Fluoranthene-d10	19.183	212	14370	0.362	ng	0.00
31) Terphenyl-d14	19.787	244	11910	0.432	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.215	202	1366	0.023	ng	# 81
33) Chrysene	21.375	228	1204	0.023	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.268	149	3031	0.116	ng	97

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

Quantitation Report (QT Reviewed)

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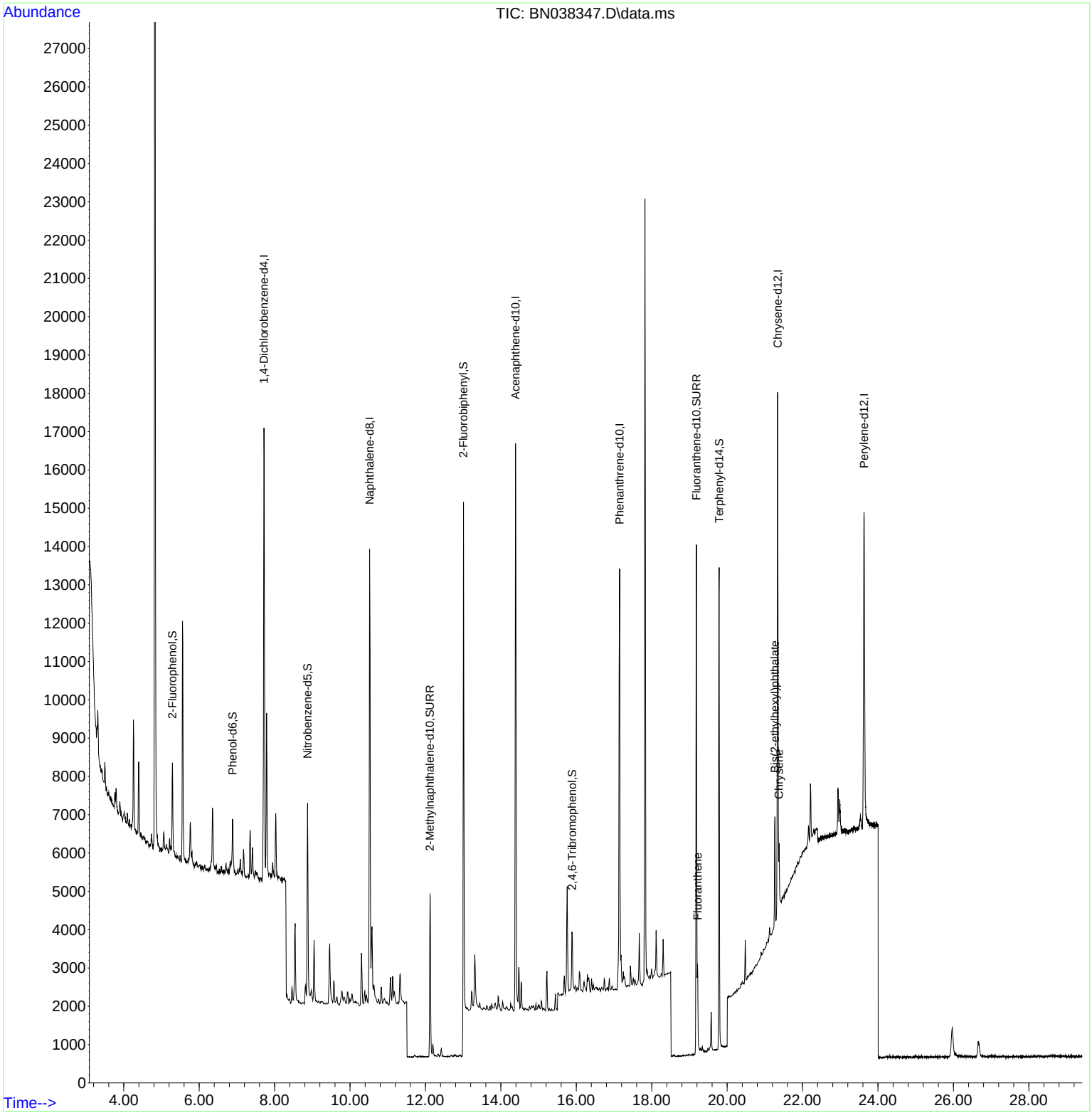
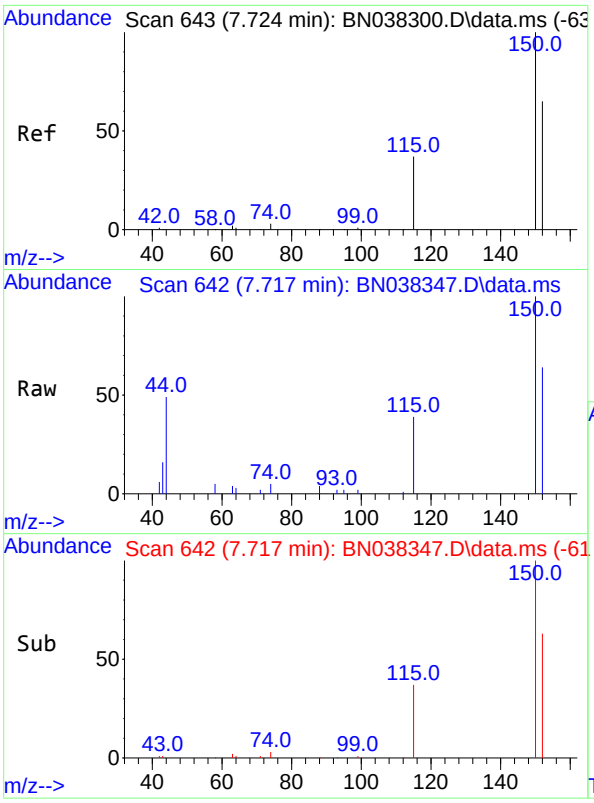


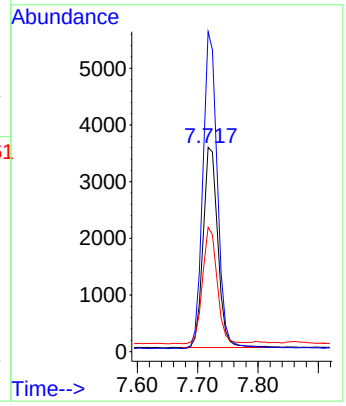


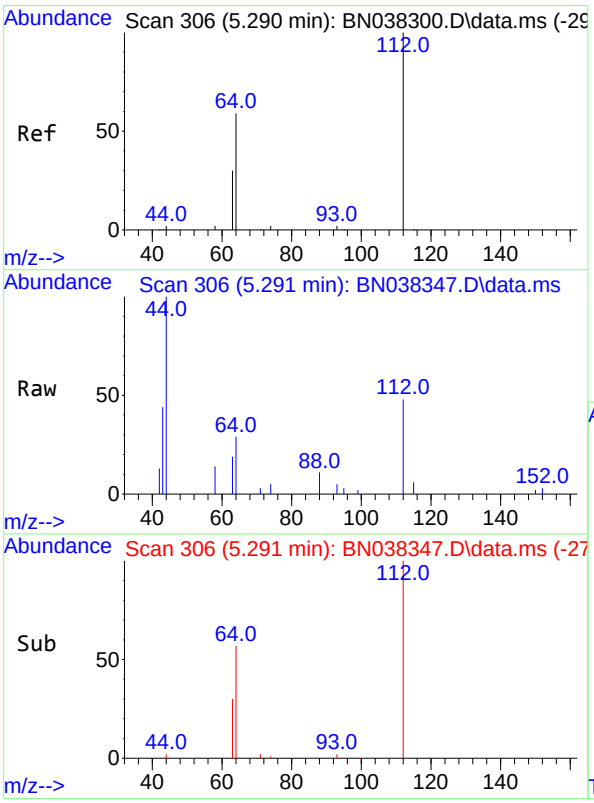
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion:152 Resp: 6003

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.4	183.6
115	60.9	47.3	70.9

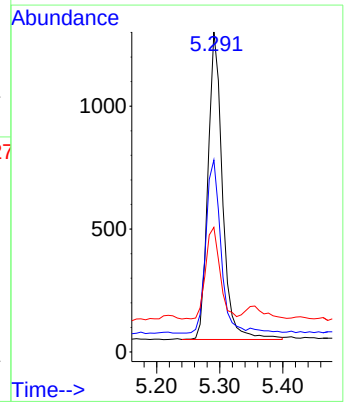


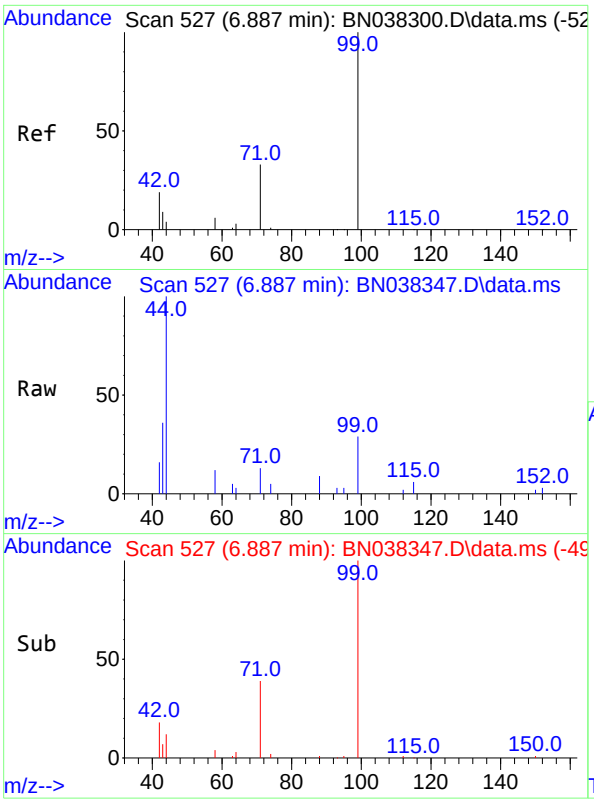


#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:112 Resp: 1999

Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.4	66.6
63	29.4	23.4	35.0



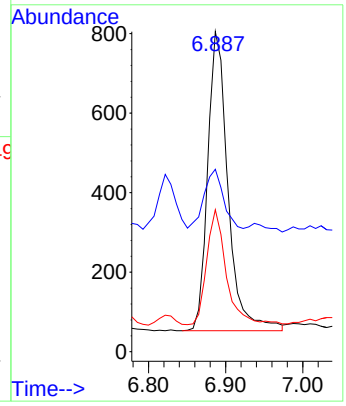


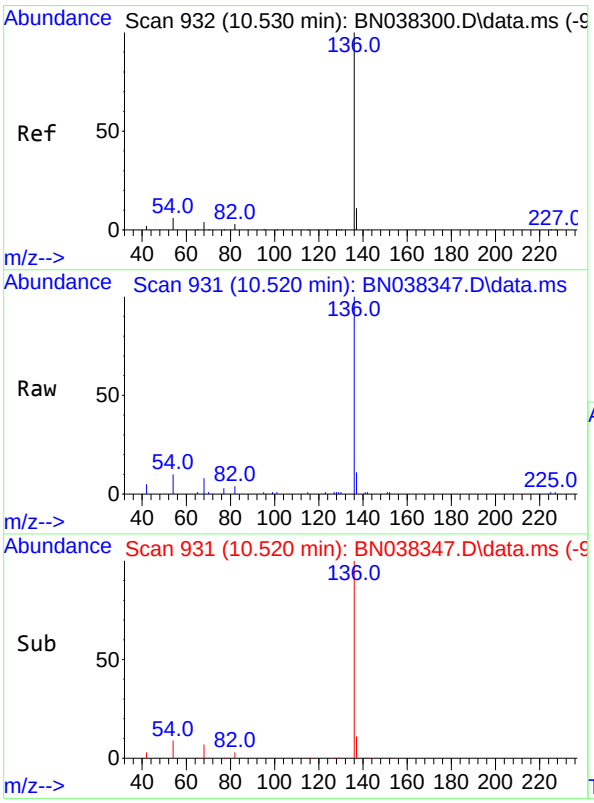
#5
Phenol-d6
Concen: 0.077 ng
RT: 6.887 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion: 99 Resp: 1375

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.5	24.7
71	37.5	24.9	37.3#

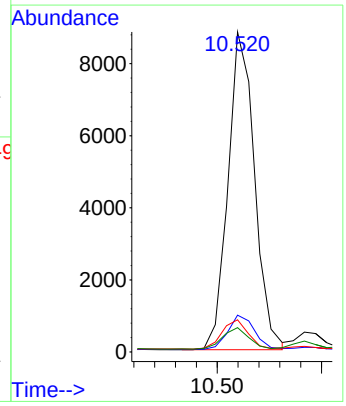


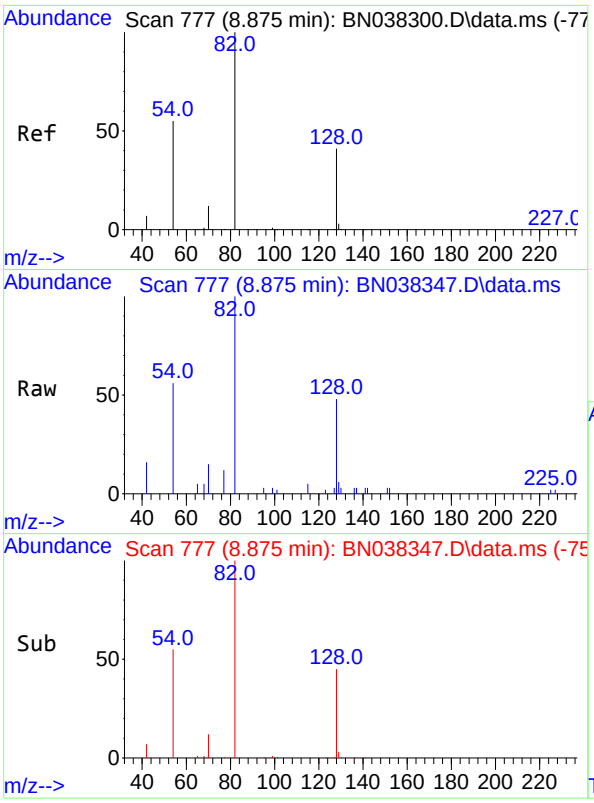


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:136 Resp: 15645

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.0	5.2	7.8#
68	7.6	4.1	6.1#



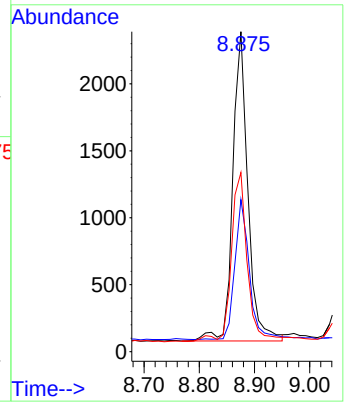


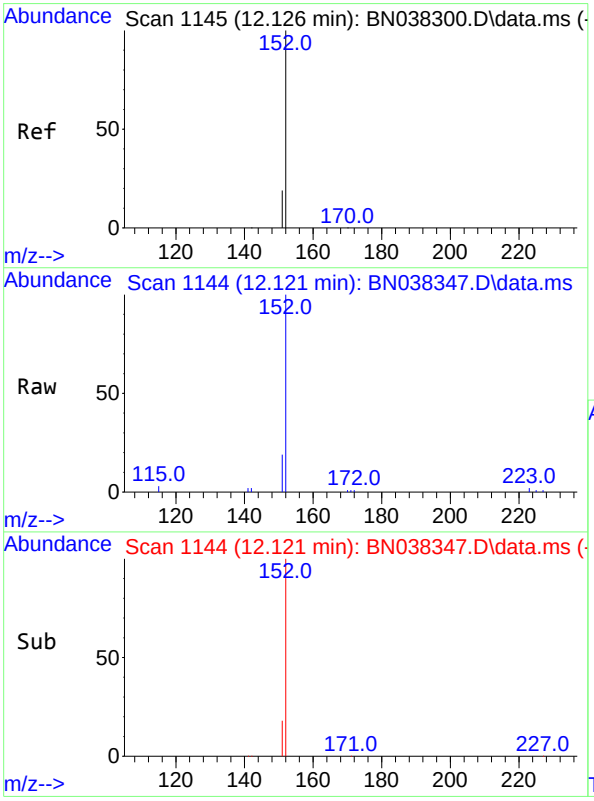
#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.875 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion: 82 Resp: 4377

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	56.0	44.4	66.6

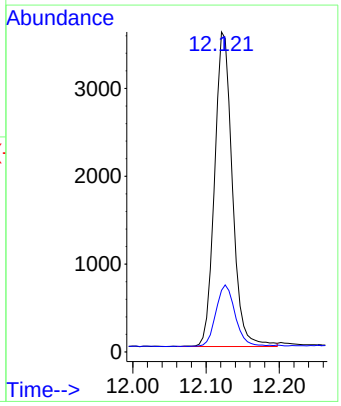


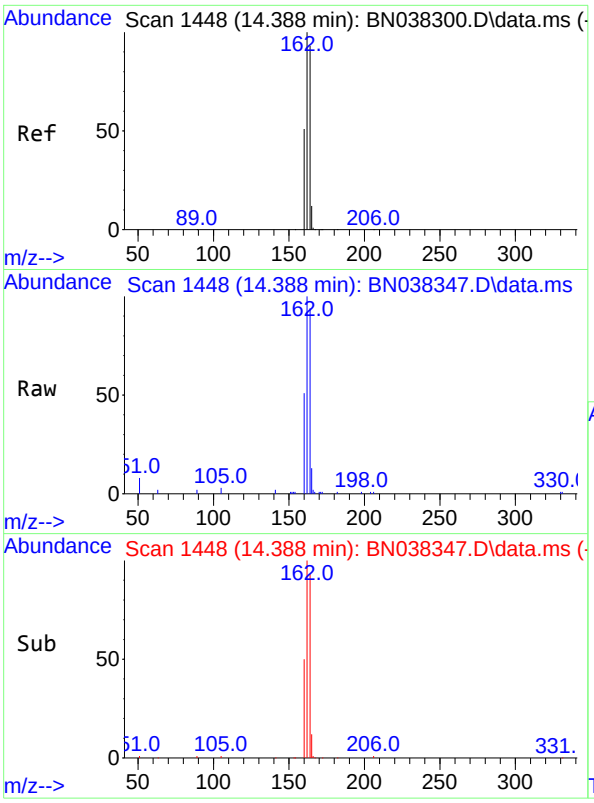


#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:152 Resp: 6027

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6



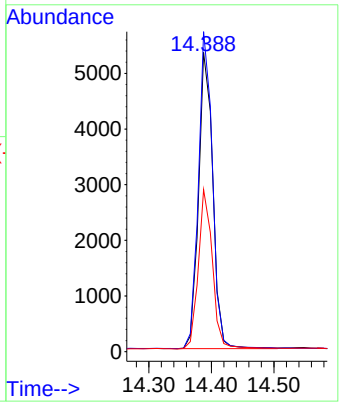


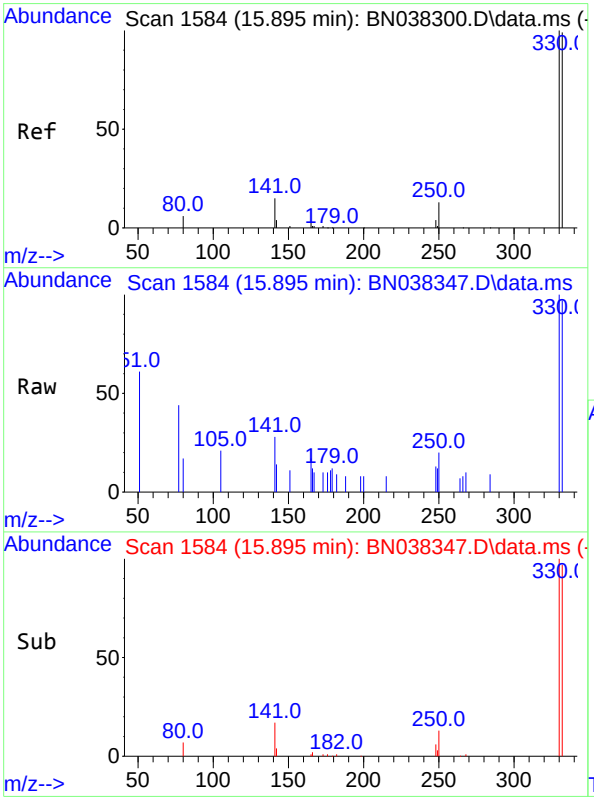
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion:164 Resp: 8460

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.2	129.4
160	54.1	44.6	67.0

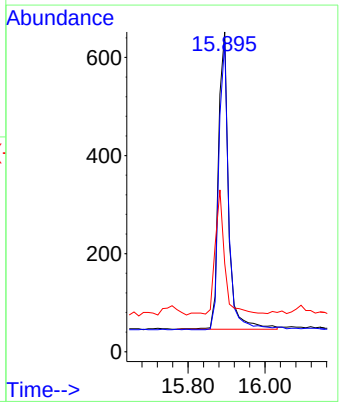


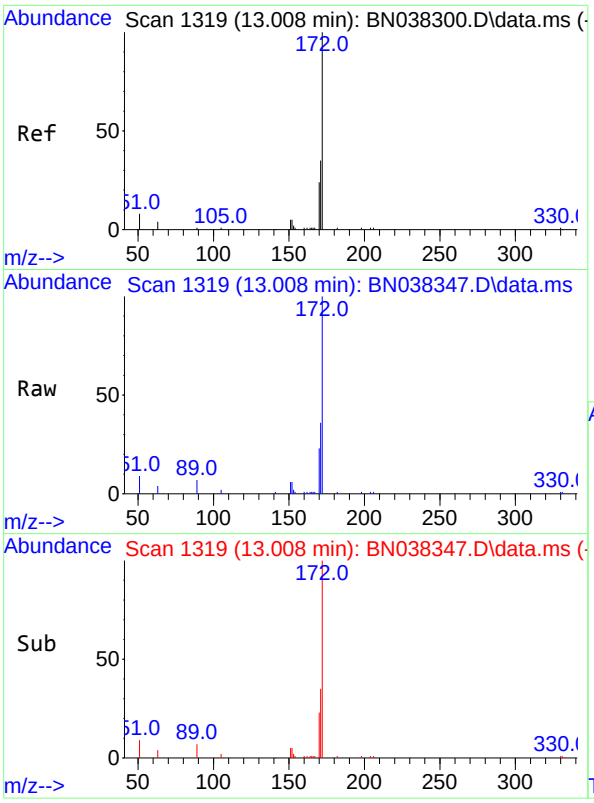


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:330 Resp: 1110

Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.8	113.6
141	40.9	31.8	47.8



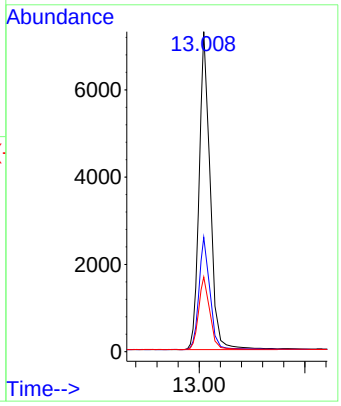


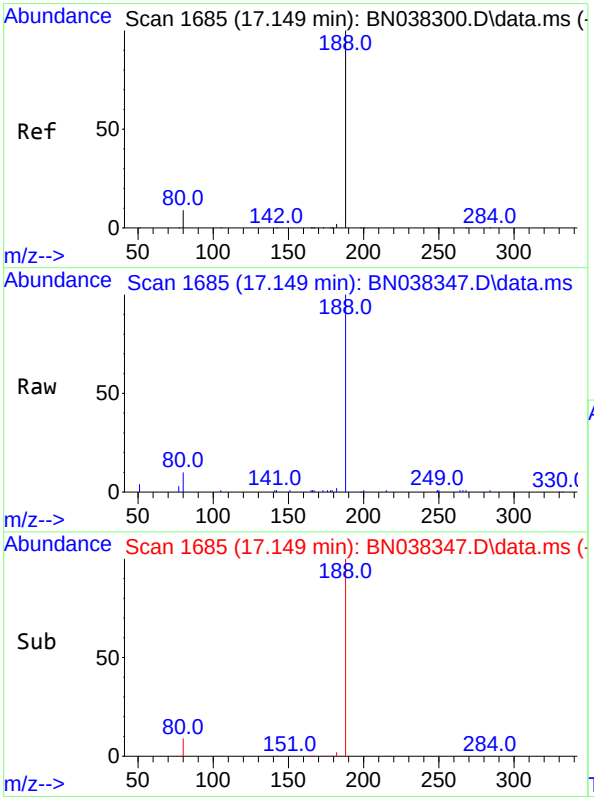
#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.008 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion:172 Resp: 11880

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.4	19.3	28.9

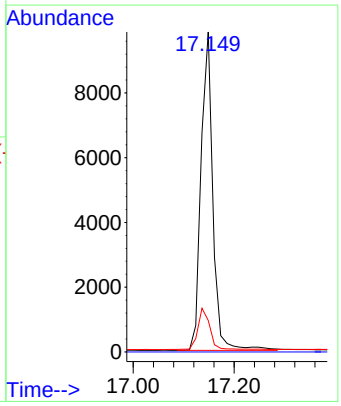


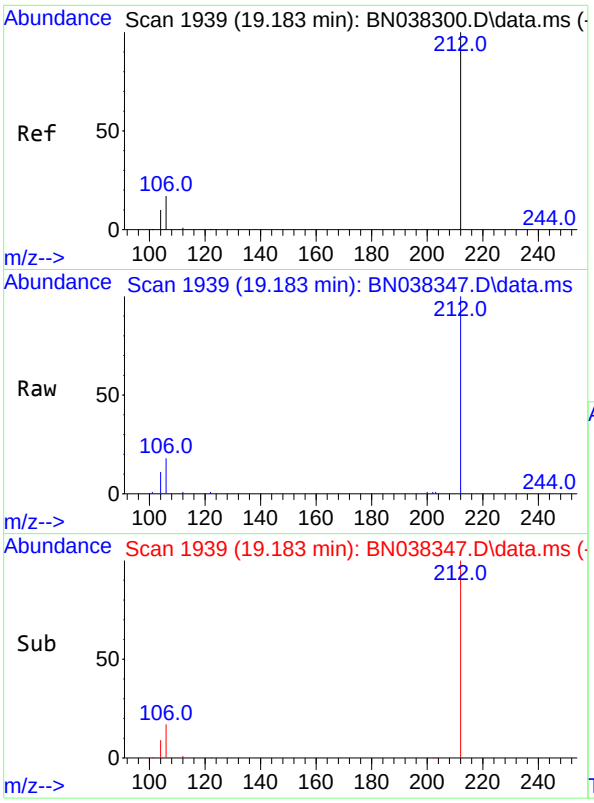


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:188 Resp: 16049

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.4	11.0





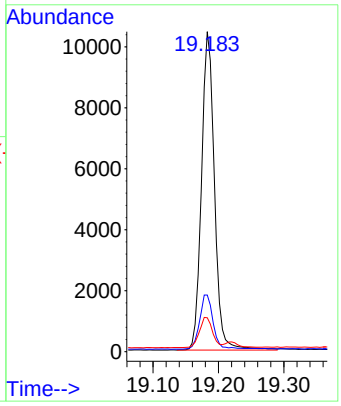
#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.183 min Scan# 1

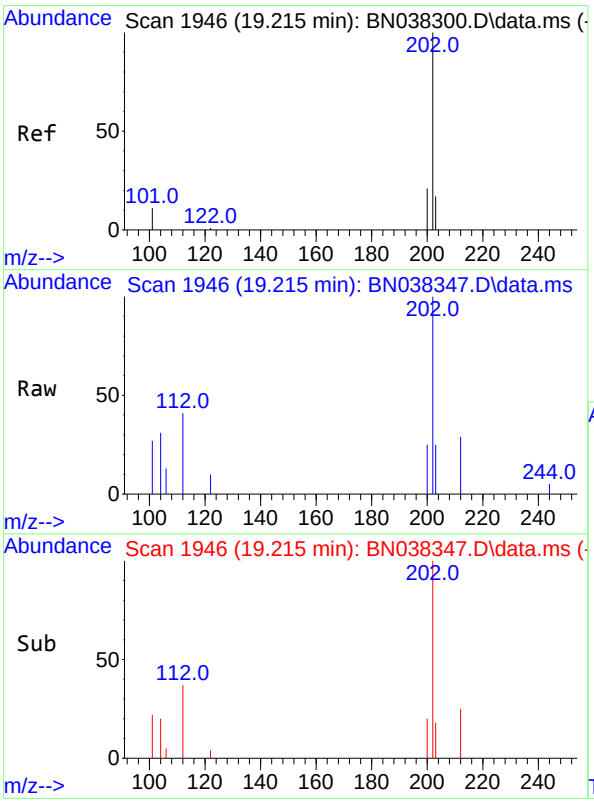
Instrument :
BNA_N
ClientSampleId :
EB01-120825

Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:212 Resp: 14370

Ion	Ratio	Lower	Upper
212	100		
106	17.7	13.7	20.5
104	9.6	7.8	11.8

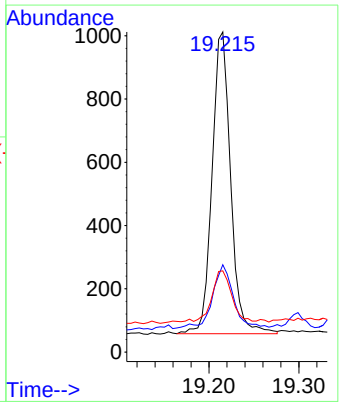


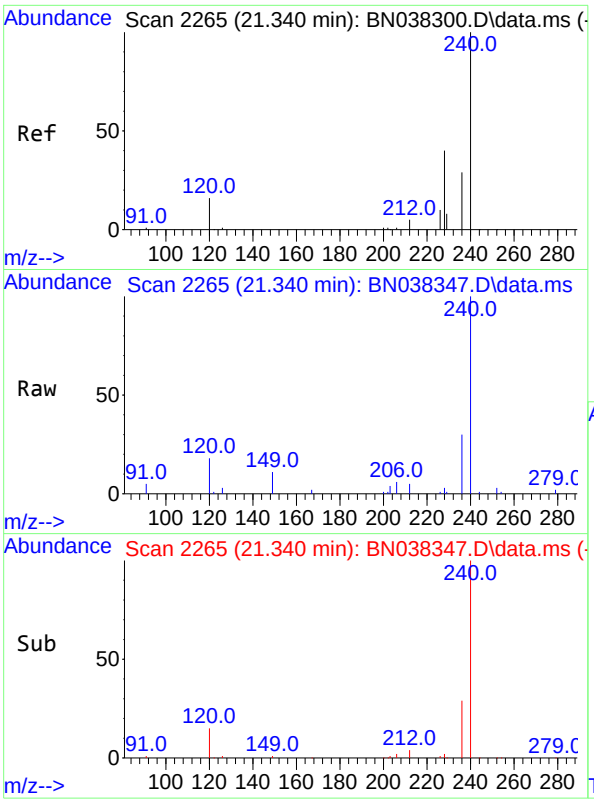


#28
Fluoranthene
Concen: 0.023 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:202 Resp: 1366

Ion	Ratio	Lower	Upper
202	100		
101	26.2	9.6	14.4#
203	19.9	13.5	20.3



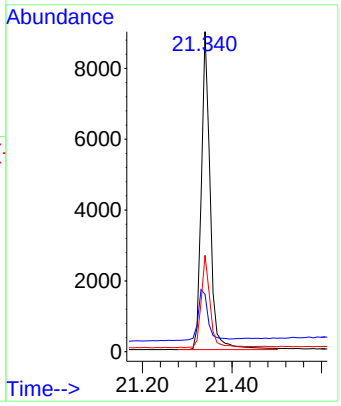


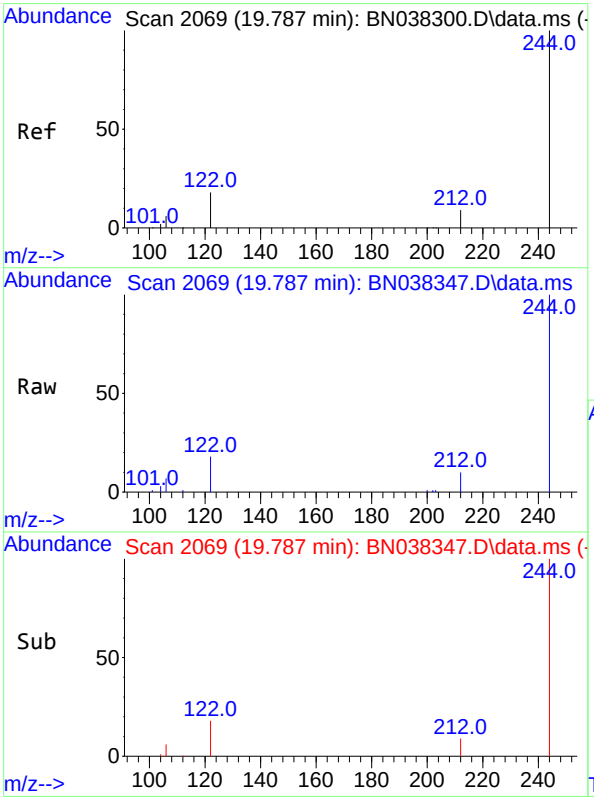
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion:240 Resp: 12341

Ion	Ratio	Lower	Upper
240	100		
120	17.9	15.4	23.2
236	30.1	23.9	35.9

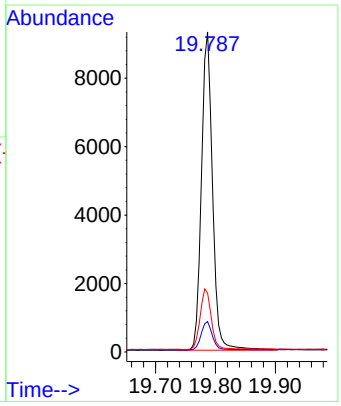


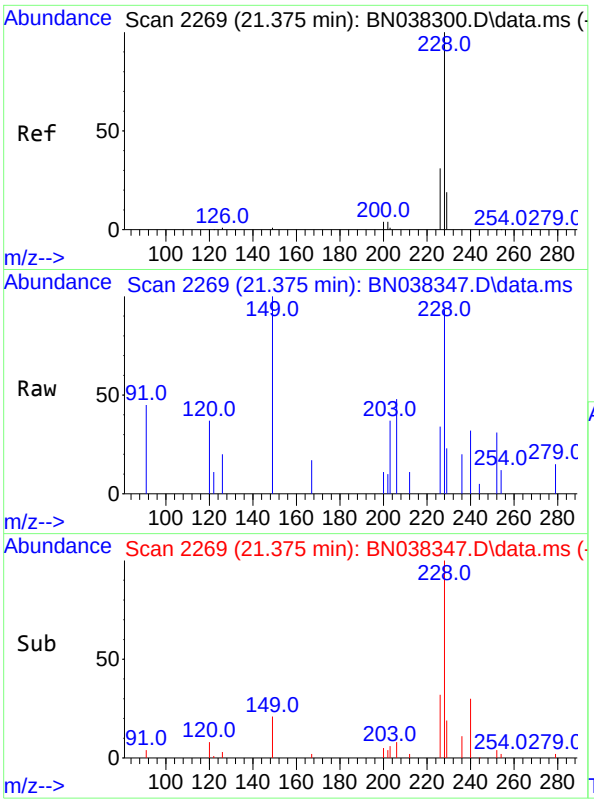


#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:244 Resp: 11910

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	18.4	15.0	22.6



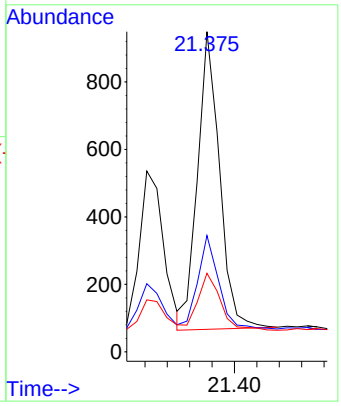


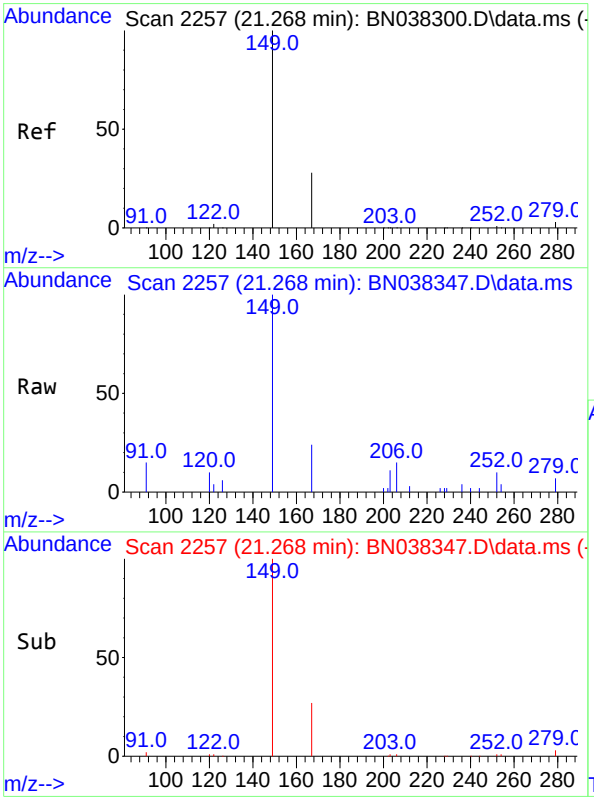
#33
Chrysene
Concen: 0.023 ng
RT: 21.375 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion:228 Resp: 1204

Ion	Ratio	Lower	Upper
228	100		
226	36.4	25.0	37.4
229	24.6	15.5	23.3#

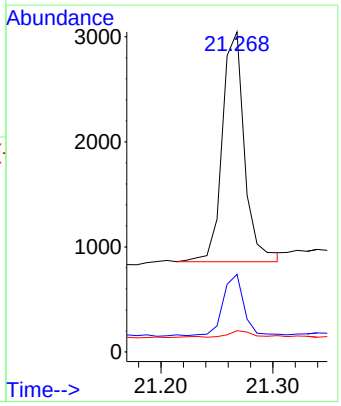


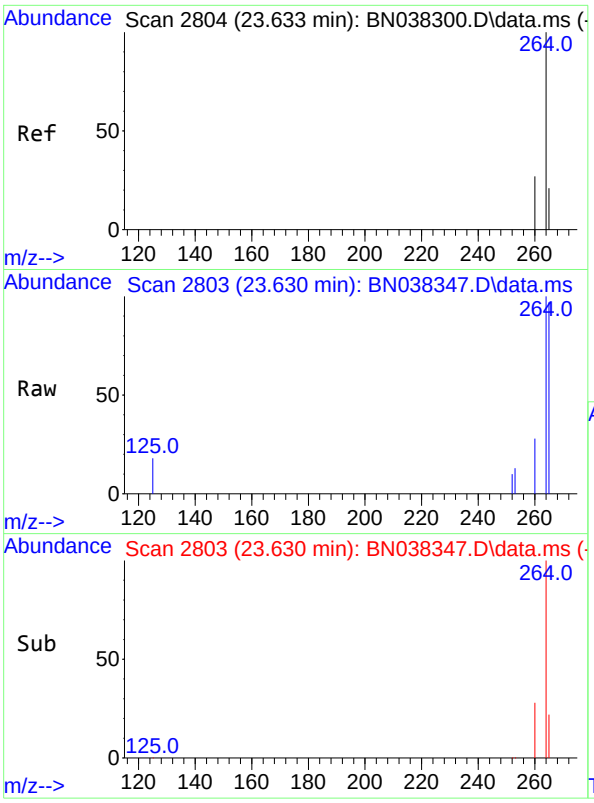


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:149 Resp: 3031

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.4	32.0
279	3.0	2.4	3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion:264 Resp: 12255

Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.2	33.2
265	96.7	80.2	120.2