Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036669.D
Acq On : 17 Mar 2025 21:39
Operator : RC/JU
Sample : PB167159BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Quant Time: Mar 18 00:56:07 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	7.717	152	1484	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	3199	0.400	ng	# 0.01
13) Acenaphthene-d10	14.366	164	1833	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	3303	0.400	ng	# 0.01
29) Chrysene-d12	21.304	240	2267	0.400	ng	# 0.00
35) Perylene-d12	23.557	264	1972	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1543	0.446	ng	0.00
5) Phenol-d6	6.901	99	1521	0.356	ng	0.00
8) Nitrobenzene-d5	8.886	82	1212	0.348	ng	0.01
11) 2-Methylnaphthalene-d10	12.126	152	1701	0.357	ng	0.02
14) 2,4,6-Tribromophenol	15.895	330	241	0.290	ng	0.04
15) 2-Fluorobiphenyl	13.019	172	2419	0.227	ng	0.03
27) Fluoranthene-d10	19.146	212	3556	0.420	ng	0.00
31) Terphenyl-d14	19.750	244	2236	0.412	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.522	198	5	0.152	ng	# 32
24) Pentachlorophenol	16.801	266	28	0.025	ng	# 23
34) Bis(2-ethylhexyl)phtha...	21.223	149	119	0.021	ng	# 81

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

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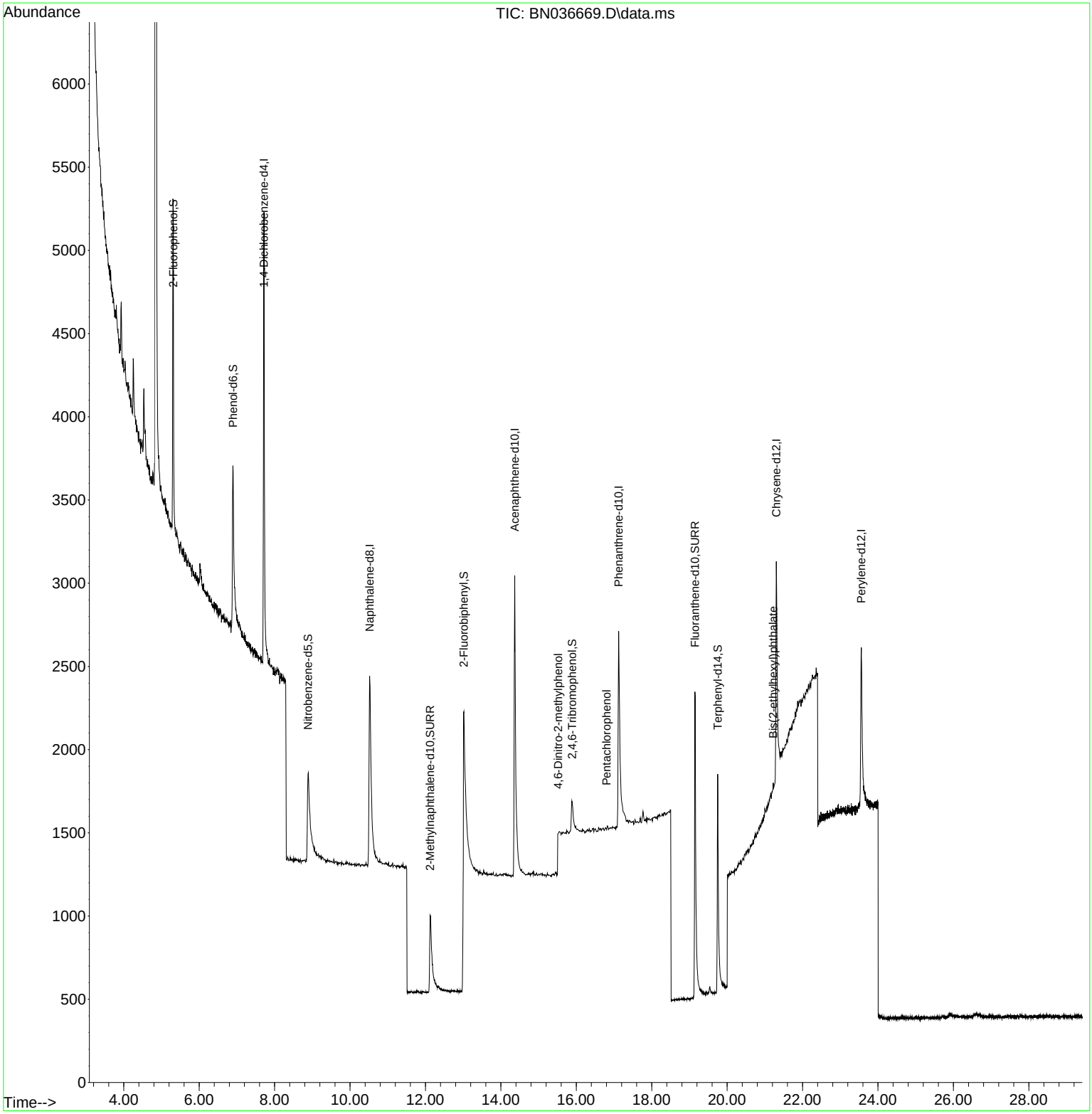
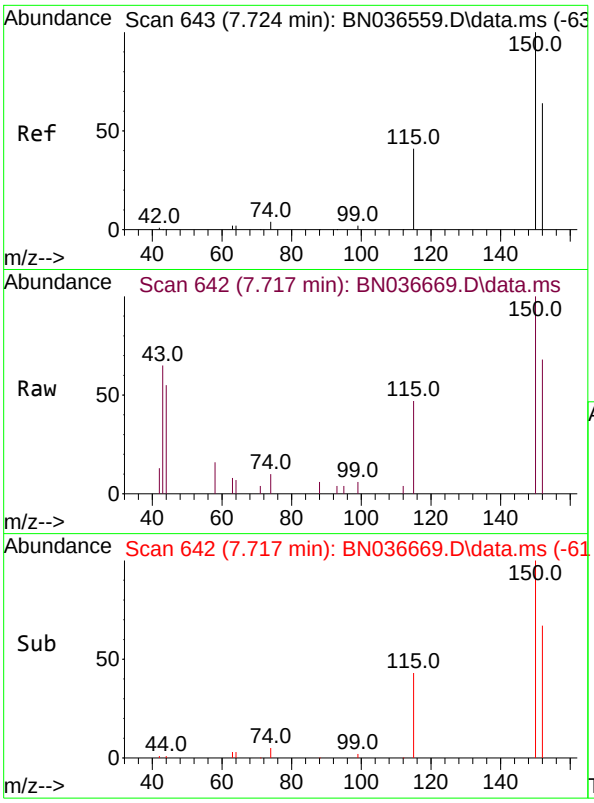


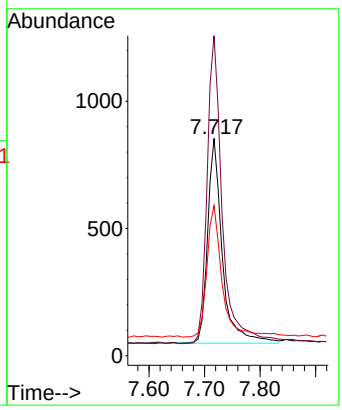


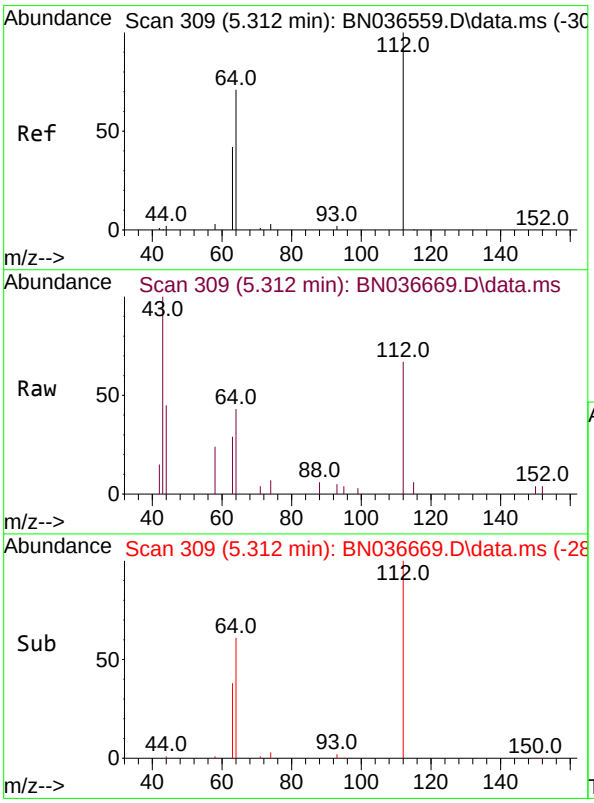
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Tgt Ion:152 Resp: 1484

Ion	Ratio	Lower	Upper
152	100		
150	147.3	123.7	185.5
115	69.1	54.3	81.5

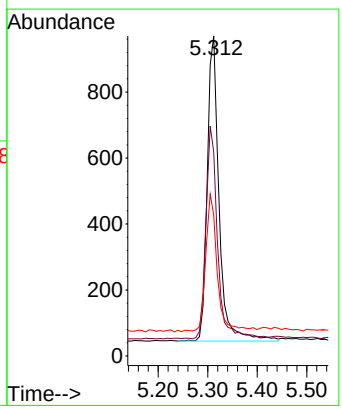


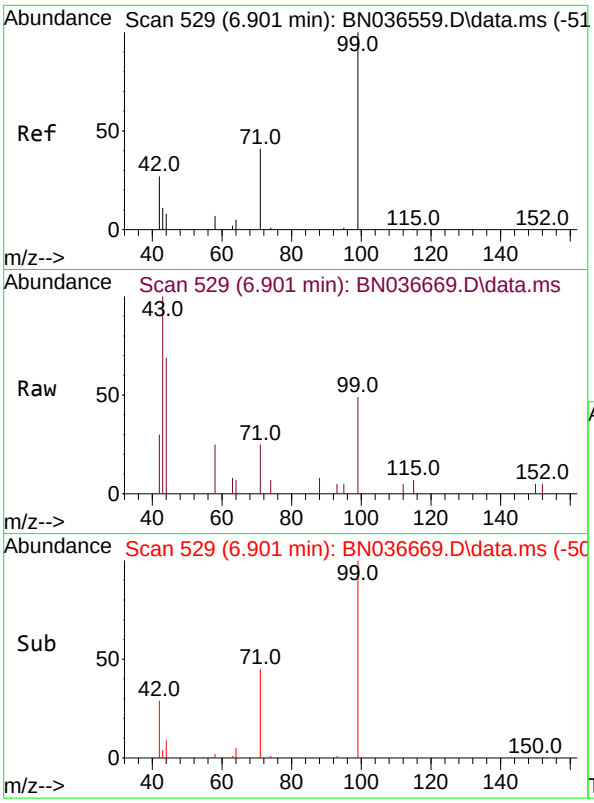


#4
2-Fluorophenol
Concen: 0.446 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Tgt Ion:112 Resp: 1543

Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.1	79.7
63	44.5	31.8	47.8



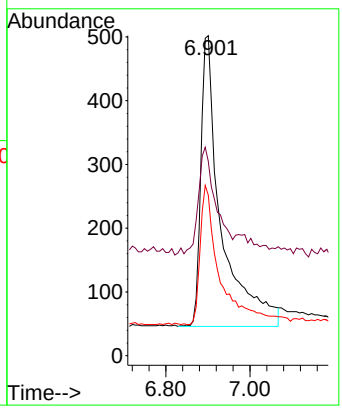


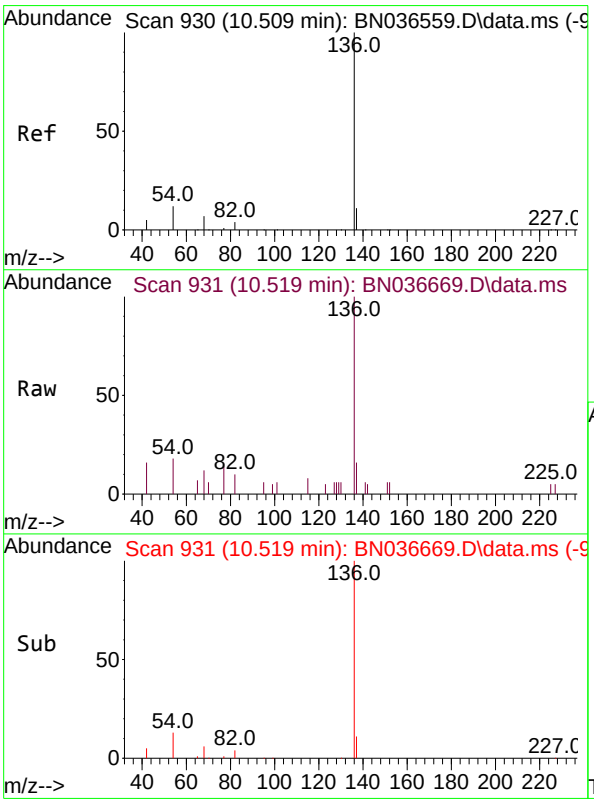
#5
Phenol-d6
Concen: 0.356 ng
RT: 6.901 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Tgt Ion: 99 Resp: 1521

Ion	Ratio	Lower	Upper
99	100		
42	31.4	26.5	39.7
71	46.5	34.1	51.1

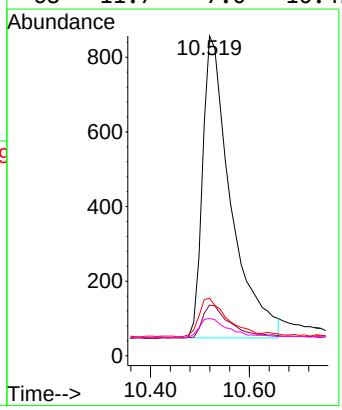


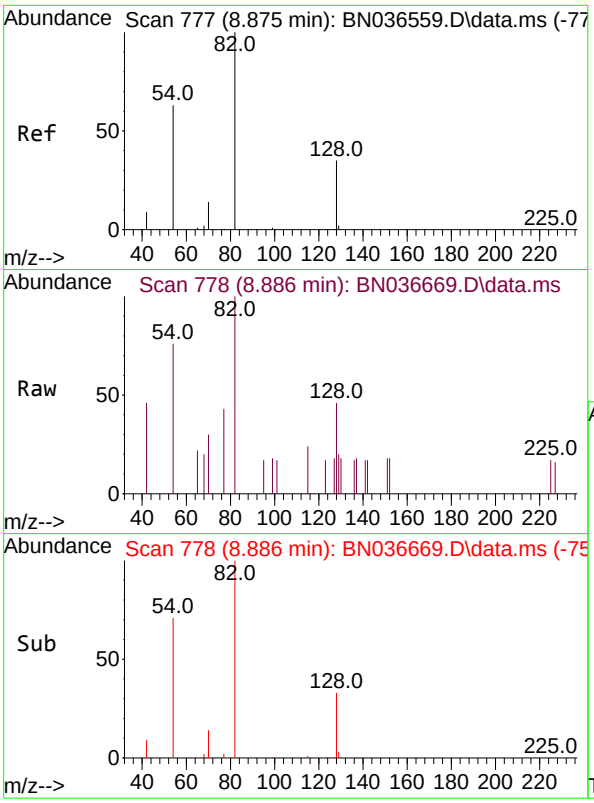


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Tgt Ion:136 Resp: 3199

Ion	Ratio	Lower	Upper
136	100		
137	15.9	10.3	15.5#
54	18.0	11.5	17.3#
68	11.7	7.0	10.4#



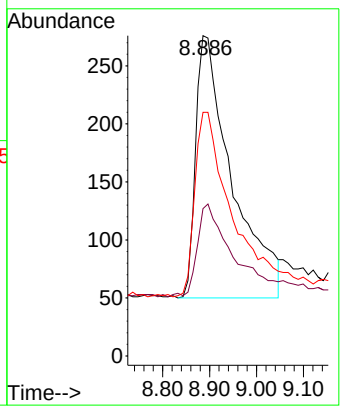


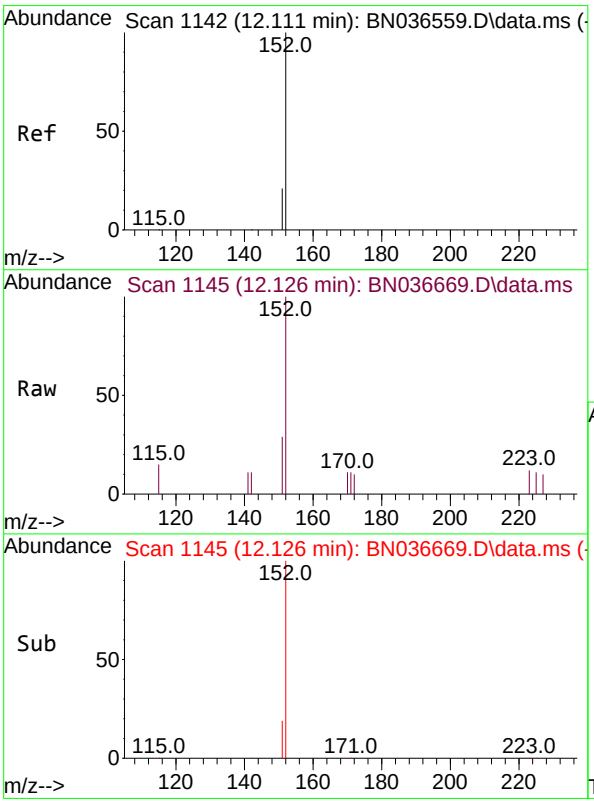
#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.886 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Tgt Ion: 82 Resp: 1212

Ion	Ratio	Lower	Upper
82	100		
128	46.0	30.6	45.8#
54	76.1	52.2	78.4

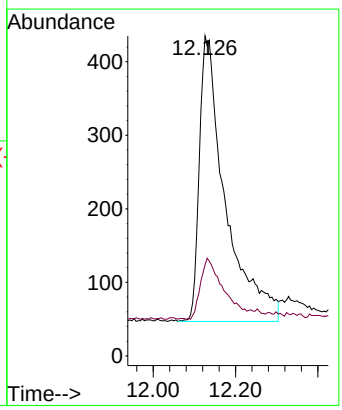


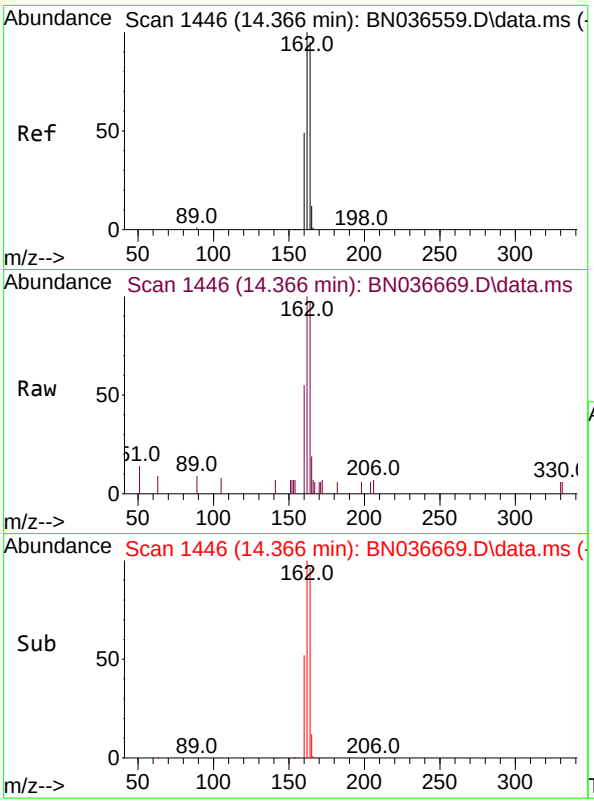


#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.015 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Tgt Ion:152 Resp: 1701

Ion	Ratio	Lower	Upper
152	100		
151	19.2	17.0	25.6



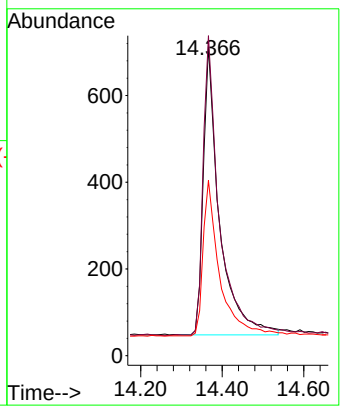


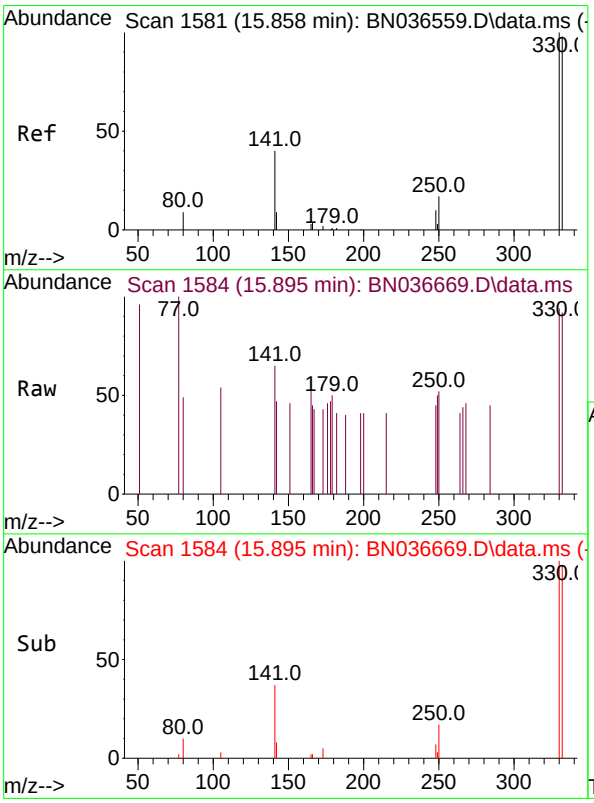
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Tgt Ion:164 Resp: 1833

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.2	126.2
160	56.7	42.2	63.2

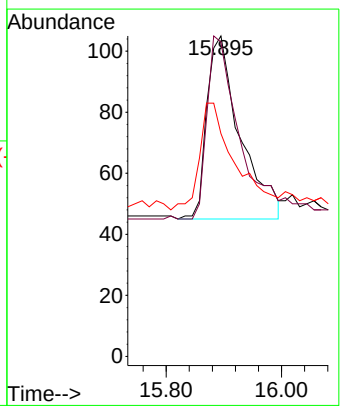


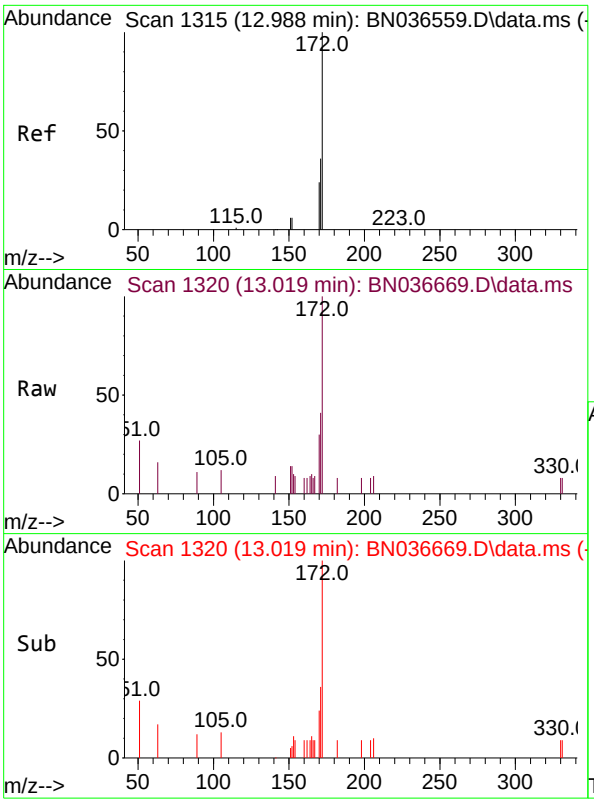


#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.037 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Tgt Ion:330 Resp: 241

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.2	112.8
141	0.0	43.4	65.2#



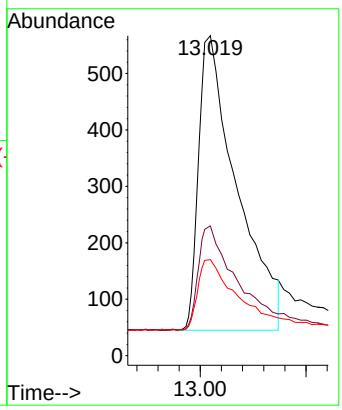


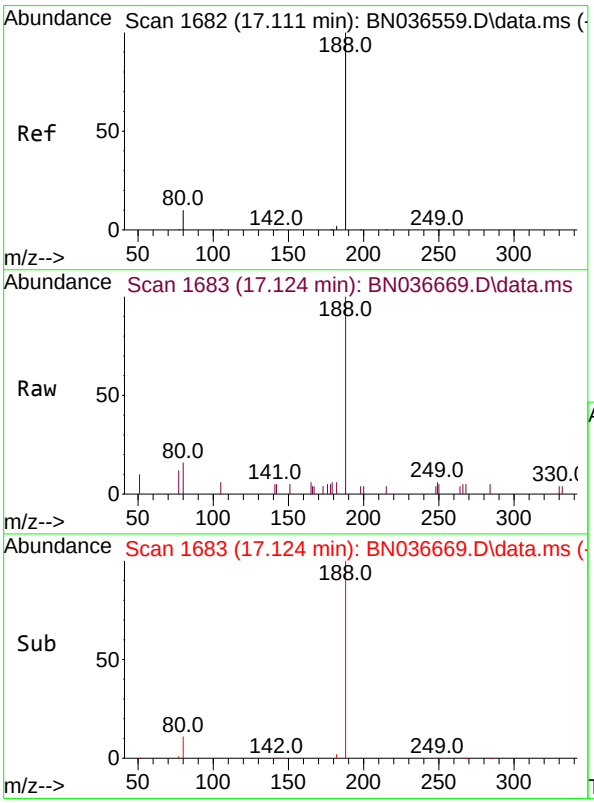
#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.031 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Tgt Ion:172 Resp: 2419

Ion	Ratio	Lower	Upper
172	100		
171	40.6	29.5	44.3
170	30.0	20.2	30.4

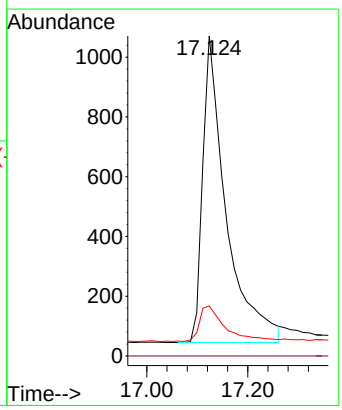


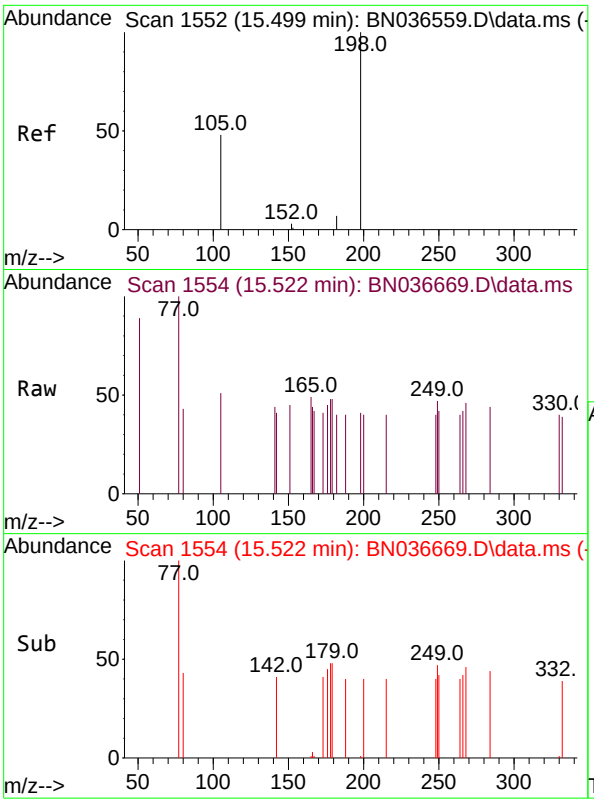


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.012 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Tgt Ion:188 Resp: 3303

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.6	8.8	13.2#



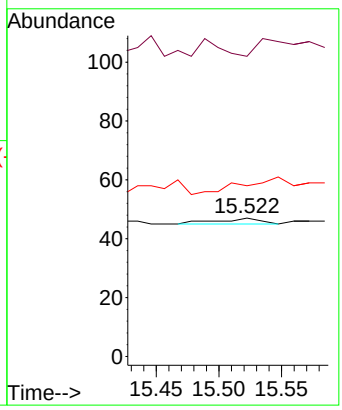


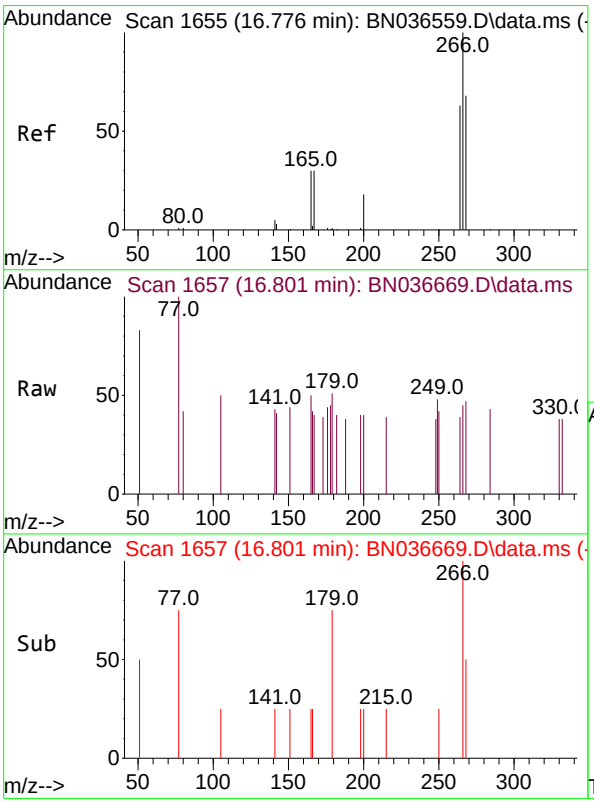
#20
4,6-Dinitro-2-methylphenol
Concen: 0.152 ng
RT: 15.522 min Scan# 1
Delta R.T. 0.023 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	217.0	107.9	161.9#
105	123.4	56.2	84.2#

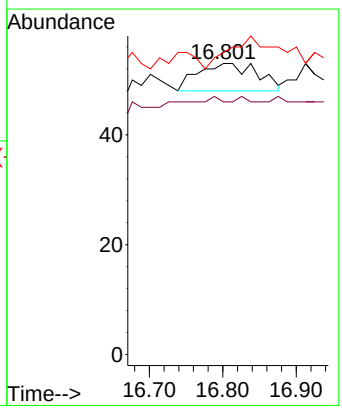


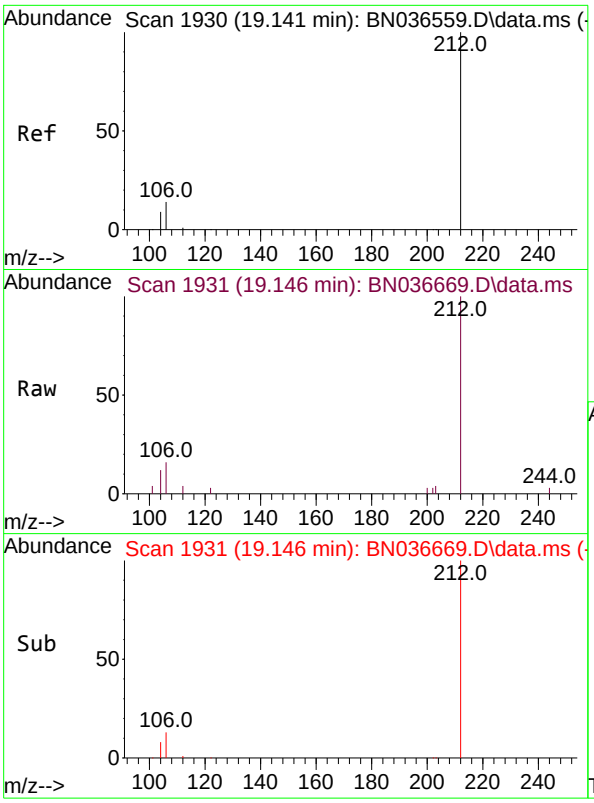


#24
Pentachlorophenol
Concen: 0.025 ng
RT: 16.801 min Scan# 1657
Delta R.T. 0.025 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
264	7.1	49.6	74.4#
268	0.0	50.9	76.3#



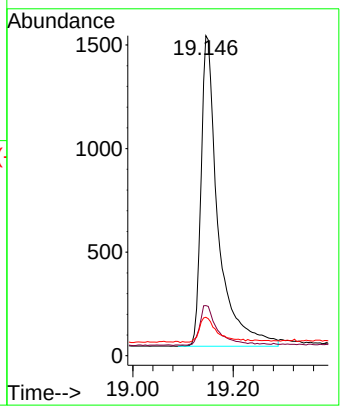


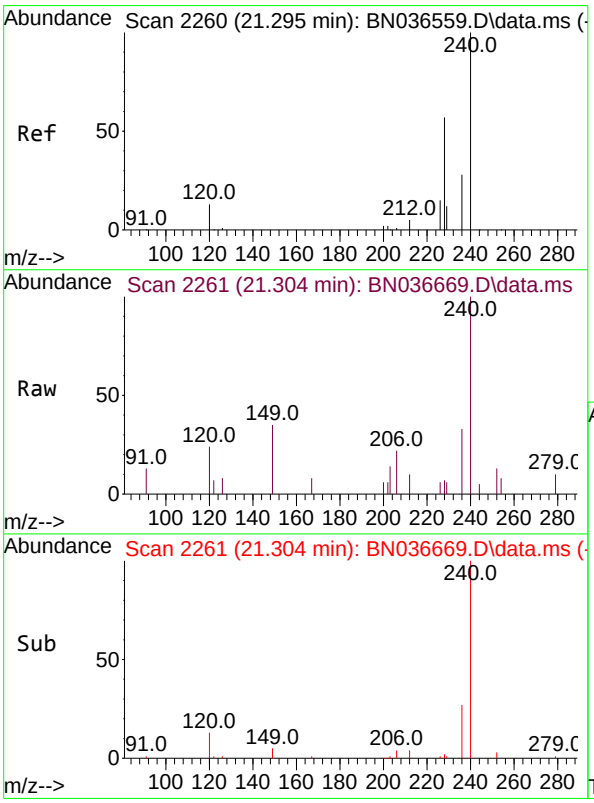
#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.146 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Tgt Ion:212 Resp: 3556

Ion	Ratio	Lower	Upper
212	100		
106	12.7	11.8	17.6
104	8.4	7.3	10.9

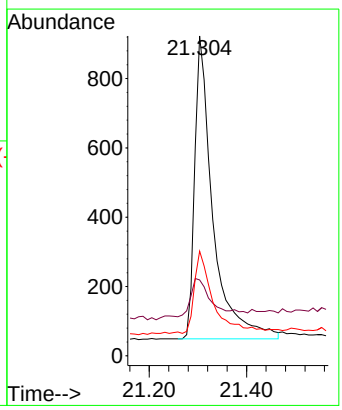


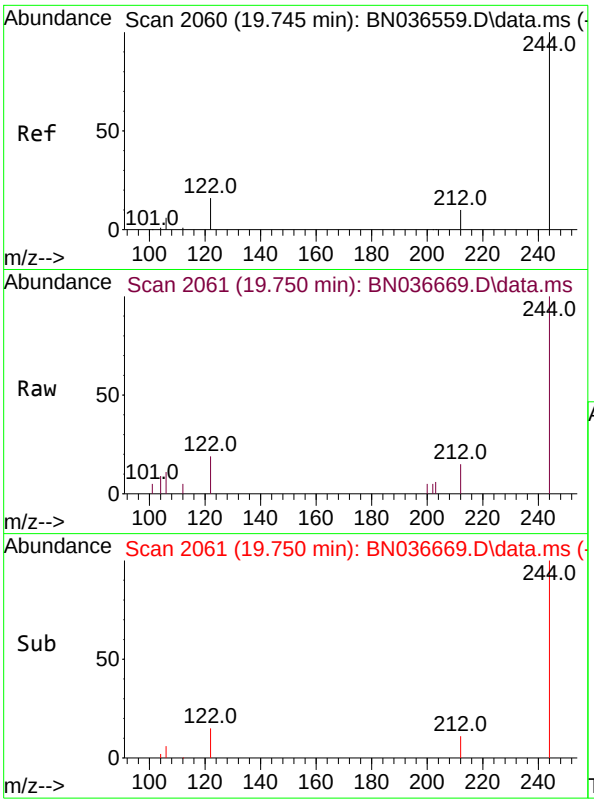


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Tgt Ion:240 Resp: 2267

Ion	Ratio	Lower	Upper
240	100		
120	23.7	14.6	22.0#
236	32.7	24.1	36.1



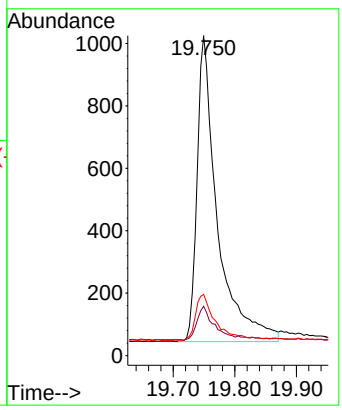


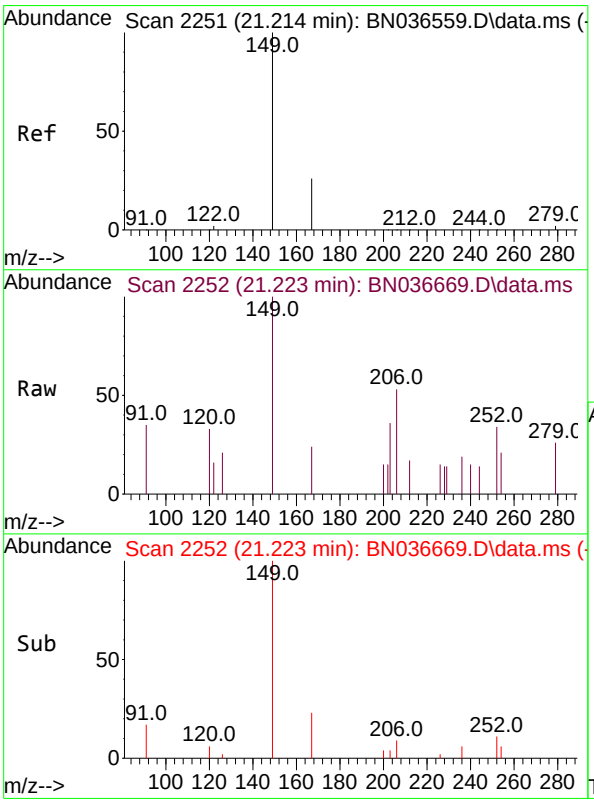
#31
Terphenyl-d14
Concen: 0.412 ng
RT: 19.750 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Tgt Ion:244 Resp: 2236

Ion	Ratio	Lower	Upper
244	100		
212	15.4	9.6	14.4#
122	19.1	13.9	20.9

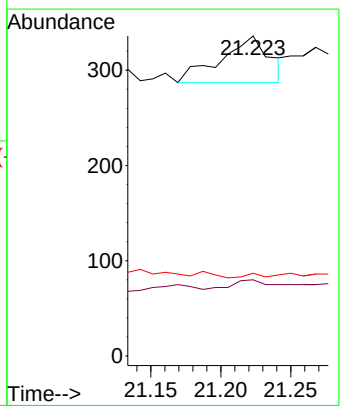


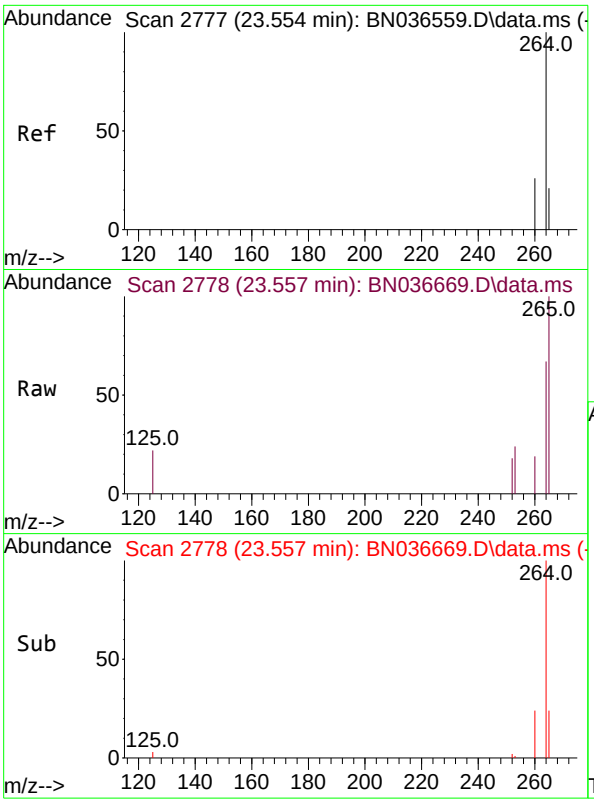


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.021 ng
RT: 21.223 min Scan# 2252
Delta R.T. 0.009 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Tgt Ion:149 Resp: 119

Ion	Ratio	Lower	Upper
149	100		
167	15.1	20.7	31.1#
279	3.4	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.557 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN036669.D
Acq: 17 Mar 2025 21:39

Instrument :
BNA_N
ClientSampleId :
PB167159BL

Tgt Ion:264 Resp: 1972

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.6	33.8
265	149.6	88.1	132.1#